

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

11/17/2025

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	38.38	35.96	33.78	35.86	34.00	38.43	75.43	89.17	51.20	38.90	54.63	48.60	47.85	55.96	54.85	82.35	144.55	85.94	66.18	84.07	81.99	64.99	55.57	55.06
24138	2.34	2.02	1.89	1.95	1.90	2.22	4.61	5.42	2.82	2.38	3.65	3.35	3.36	3.93	3.90	5.63	9.79	5.76	4.01	4.97	4.69	3.72	3.19	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	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	38.38	36.01	33.81	35.90	34.03	38.47	75.48	89.24	51.28	39.84	54.64	48.62	47.84	55.96	54.83	82.35	144.50	85.94	66.24	84.17	82.12	65.11	55.64	55.10
24260	2.34	2.07	1.92	1.99	1.93	2.25	4.66	5.49	2.92	2.42	3.65	3.37	3.35	3.93	3.88	5.63	9.74	5.76	4.06	5.06	4.82	3.84	3.26	3.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	38.38	36.01	33.81	35.90	34.03	38.47	75.48	89.24	51.28	39.84	54.64	48.62	47.84	55.96	54.83	82.35	144.50	85.94	66.24	84.17	82.12	65.11	55.64	55.10
24261	2.34	2.07	1.92	1.99	1.93	2.25	4.66	5.49	2.92	2.42	3.65	3.37	3.35	3.93	3.88	5.63	9.74	5.76	4.06	5.06	4.82	3.84	3.26	3.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	38.62	36.32	34.12	36.31	34.42	39.11	76.31	89.99	52.05	39.29	54.48	48.20	47.62	55.48	54.57	83.09	145.48	86.36	67.31	85.56	83.45	66.02	56.29	55.67
24011	2.58	2.38	2.23	2.40	2.32	2.89	5.49	6.24	3.69	2.73	3.50	2.95	3.12	3.45	3.62	6.37	10.73	6.19	5.14	6.45	6.15	4.74	3.91	3.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	38.84	36.53	34.33	36.52	34.64	39.45	76.87	90.57	52.40	39.56	54.78	48.43	47.85	55.72	54.95	83.96	146.69	87.08	68.06	86.47	84.17	66.59	56.73	56.02
23798	2.80	2.60	2.43	2.61	2.54	3.24	6.04	6.82	4.03	3.00	3.80	3.18	3.35	3.69	4.00	7.24	11.93	6.91	5.88	7.36	6.86	5.32	4.35	3.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	38.62	36.32	34.12	36.31	34.42	39.11	76.31	89.99	52.05	39.29	54.48	48.20	47.62	55.48	54.57	83.09	145.48	86.36	67.31	85.56	83.45	66.02	56.29	55.67
24028	2.58	2.38	2.23	2.40	2.32	2.89	5.49	6.24	3.69	2.73	3.50	2.95	3.12	3.45	3.62	6.37	10.73	6.19	5.14	6.45	6.15	4.74	3.91	3.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	37.85	35.59	33.46	35.60	33.68	37.98	73.81	87.15	50.71	38.25	52.97	46.91	46.34	53.93	52.92	80.39	140.40	82.93	64.78	82.39	80.82	64.06	54.72	54.09
23527	1.81	1.66	1.56	1.69	1.58	1.76	2.99	3.41	2.34	1.69	1.99	1.66	1.85	1.90	1.97	3.66	5.64	2.76	2.60	3.29	3.52	2.79	2.34	1.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.65	34.53	32.44	34.50	32.62	36.68	71.11	84.09	48.73	36.99	51.22	45.60	44.94	52.39	51.33	77.60	136.03	80.67	62.70	79.57	77.88	61.69	52.64	52.22
24190	0.61	0.60	0.55	0.60	0.52	0.47	0.29	0.35	0.36	0.42	0.24	0.34	0.45	0.36	0.37	0.87	1.27	0.49	0.52	0.46	0.58	0.42	0.26	0.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	35.96	33.85	31.82	33.82	32.04	36.15	70.92	84.03	48.41	36.49	50.87	45.18	44.35	51.93	50.73	76.19	134.07	79.99	62.06	79.15	77.25	61.29	52.39	52.27
355683	-0.08	-0.08	-0.08	-0.08	-0.07	-0.06	0.11	0.28	0.04	-0.07	-0.11	-0.08	-0.14	-0.10	-0.22	-0.53	-0.69	-0.18	-0.11	0.05	-0.05	0.02	0.00	0.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	37.30	35.12	33.01	35.12	33.22	37.43	72.83	86.03	49.90	37.80	52.27	46.38	45.68	53.37	52.26	79.21	139.47	82.84	64.36	81.74	79.99	63.33	54.03	53.61
323833	1.26	1.18	1.12	1.21	1.12	1.22	2.01	2.29	1.53	1.24	1.29	1.12	1.19	1.34	1.31	2.49	4.72	2.66	2.18	2.64	2.69	2.06	1.65	1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	37.29	35.11	33.01	35.10	33.20	37.42	72.80	85.99	49.88	37.78	52.26	46.36	45.66	53.34	52.25	79.19	139.46	82.81	64.34	81.71	79.94	63.30	54.02	53.58
323834	1.25	1.17	1.11	1.20	1.10	1.21	1.98	2.25	1.51	1.22	1.27	1.11	1.16	1.31	1.30	2.46	4.70	2.64	2.16	2.61	2.64	2.03	1.63	1.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.65	34.53	32.44	34.50	32.62	36.68	71.11	84.09	48.73	36.99	51.22	45.60	44.94	52.39	51.33	77.60	136.03	80.67	62.70	79.57	77.88	61.69	52.64	52.22
23571	0.61	0.60	0.55	0.60	0.52	0.47	0.29	0.35	0.36	0.42	0.24	0.34	0.45	0.36	0.37	0.87	1.27	0.49	0.52	0.46	0.58	0.42	0.26	0.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.65 0.61 0.00	34.53 0.60 0.00	32.44 0.55 0.00	34.50 0.60 0.00	32.62 0.52 0.00	36.68 0.47 0.00	71.11 0.29 0.00	84.09 0.35 0.00	48.73 0.36 0.00	36.99 0.42 0.00	51.22 0.24 0.00	45.60 0.34 0.00	44.94 0.45 0.00	52.39 0.36 0.00	51.33 0.37 0.00	77.60 0.87 0.00	136.03 1.27 0.00	80.67 0.49 0.00	62.70 0.52 0.00	79.57 0.46 0.00	77.88 0.58 0.00	61.69 0.42 0.00	52.64 0.26 0.00	52.22 0.11 0.00
ALBANY___3 23573	36.65 0.61 0.00	34.53 0.60 0.00	32.44 0.55 0.00	34.50 0.60 0.00	32.62 0.52 0.00	36.68 0.47 0.00	71.11 0.29 0.00	84.09 0.35 0.00	48.73 0.36 0.00	36.99 0.42 0.00	51.22 0.24 0.00	45.60 0.34 0.00	44.94 0.45 0.00	52.39 0.36 0.00	51.33 0.37 0.00	77.60 0.87 0.00	136.03 1.27 0.00	80.67 0.49 0.00	62.70 0.52 0.00	79.57 0.46 0.00	77.88 0.58 0.00	61.69 0.42 0.00	52.64 0.26 0.00	52.22 0.11 0.00
ALBANY___4 23574	36.65 0.61 0.00	34.53 0.60 0.00	32.44 0.55 0.00	34.50 0.60 0.00	32.62 0.52 0.00	36.68 0.47 0.00	71.11 0.29 0.00	84.09 0.35 0.00	48.73 0.36 0.00	36.99 0.42 0.00	51.22 0.24 0.00	45.60 0.34 0.00	44.94 0.45 0.00	52.39 0.36 0.00	51.33 0.37 0.00	77.60 0.87 0.00	136.03 1.27 0.00	80.67 0.49 0.00	62.70 0.52 0.00	79.57 0.46 0.00	77.88 0.58 0.00	61.69 0.42 0.00	52.64 0.26 0.00	52.22 0.11 0.00
ALBANY___LFGE 323615	36.98 0.94 0.00	34.83 0.90 0.00	32.73 0.84 0.00	34.79 0.87 0.00	32.90 0.80 0.00	37.01 0.79 0.00	71.86 1.04 0.00	85.05 1.30 0.00	49.32 0.95 0.00	37.40 0.83 0.00	51.82 0.83 0.00	46.11 0.85 0.00	45.41 0.92 0.00	52.94 0.91 0.00	51.85 0.90 0.00	78.44 1.72 0.00	137.50 2.75 0.00	81.56 1.38 0.00	63.37 1.19 0.00	80.42 1.32 0.00	78.69 1.39 0.00	62.31 1.04 0.00	53.16 0.78 0.00	52.72 0.62 0.00
ALCOA_PA_115KV_PL-6C 55860	36.18 0.14 0.00	34.06 0.12 0.00	32.01 0.12 0.00	34.03 0.12 0.00	32.23 0.13 0.00	36.38 0.17 0.00	71.37 0.55 0.00	84.57 0.82 0.00	48.72 0.35 0.00	36.74 0.18 0.00	51.21 0.23 0.00	45.49 0.23 0.00	44.63 0.13 0.00	52.26 0.23 0.00	51.04 0.09 0.00	76.60 -0.12 0.00	134.86 0.10 0.00	80.40 0.22 0.00	62.34 0.17 0.00	79.54 0.44 0.00	77.67 0.36 0.00	61.67 0.40 0.00	52.75 0.37 0.00	52.64 0.54 0.00
ALCOA_RYNLDS___DRP 24188	36.18 0.14 0.00	34.06 0.12 0.00	32.01 0.12 0.00	34.03 0.12 0.00	32.23 0.13 0.00	36.38 0.17 0.00	71.37 0.55 0.00	84.57 0.82 0.00	48.72 0.35 0.00	36.74 0.18 0.00	51.21 0.23 0.00	45.49 0.23 0.00	44.63 0.13 0.00	52.26 0.23 0.00	51.04 0.09 0.00	76.60 -0.12 0.00	134.86 0.10 0.00	80.40 0.22 0.00	62.34 0.17 0.00	79.54 0.44 0.00	77.67 0.36 0.00	61.67 0.40 0.00	52.75 0.37 0.00	52.64 0.54 0.00
ALCOA___DSASP 323711	36.18 0.14 0.00	34.06 0.12 0.00	32.01 0.12 0.00	34.03 0.12 0.00	32.23 0.13 0.00	36.38 0.17 0.00	71.37 0.55 0.00	84.57 0.82 0.00	48.72 0.35 0.00	36.74 0.18 0.00	51.21 0.23 0.00	45.49 0.23 0.00	44.63 0.13 0.00	52.26 0.23 0.00	51.04 0.09 0.00	76.60 -0.12 0.00	134.86 0.10 0.00	80.40 0.22 0.00	62.34 0.17 0.00	79.54 0.44 0.00	77.67 0.36 0.00	61.67 0.40 0.00	52.75 0.37 0.00	52.64 0.54 0.00
ALLEGHENY___COGEN 23514	35.83 -0.21 0.00	33.68 -0.26 0.00	31.56 -0.33 0.00	33.35 -0.56 0.00	31.70 -0.40 0.00	36.06 -0.15 0.00	71.21 0.39 0.00	80.81 -0.21 2.72	48.56 0.18 0.00	35.83 -0.73 0.00	49.52 -1.46 0.00	42.79 -1.72 0.75	42.85 -1.65 0.00	50.87 -1.17 0.00	41.03 -1.18 8.74	51.30 -1.95 23.47	100.54 -2.02 32.20	75.07 -0.53 4.57	60.70 -1.48 0.00	77.29 -1.78 0.03	72.17 -2.14 2.99	59.65 -1.62 0.00	52.74 0.35 0.00	53.90 1.80 0.00
ALTAMONT_115KV_TB 2 55880	36.86 0.82 0.00	34.69 0.75 0.00	32.60 0.71 0.00	34.69 0.78 0.00	32.80 0.70 0.00	36.97 0.76 0.00	72.02 1.20 0.00	85.11 1.36 0.00	49.23 0.86 0.00	37.29 0.73 0.00	51.87 0.89 0.00	46.09 0.84 0.00	45.37 0.88 0.00	52.99 0.95 0.00	51.90 0.95 0.00	78.34 1.62 0.00	137.45 2.69 0.00	81.56 1.39 0.00	63.31 1.13 0.00	80.47 1.37 0.00	78.76 1.46 0.00	62.41 1.14 0.00	53.29 0.91 0.00	52.88 0.78 0.00
ALTONA_WT_PWR 323606	35.23 -0.81 0.00	33.16 -0.77 0.00	31.17 -0.72 0.00	33.17 -0.74 0.00	31.41 -0.69 0.00	35.41 -0.81 0.00	69.59 -1.23 0.00	82.50 -1.24 0.00	47.53 -0.84 0.00	35.81 -0.75 0.00	49.88 -1.11 0.00	44.35 -0.91 0.00	43.51 -0.99 0.00	50.97 -1.06 0.00	49.70 -1.25 0.00	74.56 -2.16 0.00	131.67 -3.08 0.00	78.54 -1.63 0.00	60.98 -1.20 0.00	77.84 -1.26 0.00	75.94 -1.36 0.00	60.24 -1.03 0.00	51.49 -0.90 0.00	51.34 -0.76 0.00
AMERICAN_REF_FUEL 24010	33.53 -2.51 0.00	31.55 -2.38 0.00	29.62 -2.28 0.00	31.23 -2.68 0.00	29.49 -2.61 0.00	33.13 -3.09 0.00	64.97 -5.85 0.00	74.38 -7.68 1.69	44.52 -3.85 0.00	33.69 -2.88 0.00	47.30 -3.68 0.00	41.57 -3.35 0.34	40.89 -3.61 0.00	47.83 -4.20 0.00	42.06 -4.05 4.85	55.56 -7.10 14.07	102.23 -12.73 19.80	70.62 -6.90 2.66	56.93 -5.24 0.00	72.86 -6.23 0.02	69.56 -6.01 1.73	56.81 -4.46 0.00	49.83 -2.55 0.00	51.06 -1.04 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.50 -2.54 0.00	31.47 -2.47 0.00	29.66 -2.24 0.00	31.44 -2.46 0.00	29.84 -2.26 0.00	33.86 -2.36 0.00	66.55 -4.28 0.00	75.20 -6.43 2.12	45.32 -3.05 0.00	34.32 -2.24 0.00	47.85 -3.14 0.00	41.74 -3.04 0.47	41.26 -3.24 0.00	48.17 -3.86 0.00	40.45 -4.20 6.30	52.78 -6.20 17.75	98.23 -11.78 24.74	70.48 -6.33 3.37	57.56 -4.62 0.00	74.20 -4.88 0.02	70.43 -4.68 2.20	58.13 -3.14 0.00	50.94 -1.44 0.00	52.03 -0.07 0.00
ARTHUR KILL_GT_1 23520	38.37 2.34 0.00	36.02 2.08 0.00	33.81 1.92 0.00	35.90 1.99 0.00	34.02 1.92 0.00	38.47 2.26 0.00	75.03 4.21 0.00	88.58 4.83 0.00	51.18 2.81 0.00	39.73 2.30 -0.87	54.37 3.39 0.00	48.44 3.19 0.00	47.65 3.15 0.00	55.60 3.57 0.00	54.46 3.51 0.00	81.54 4.81 0.00	143.08 8.32 0.00	85.22 5.05 0.00	65.72 3.54 0.00	83.45 4.35 0.00	81.45 4.15 0.00	64.72 3.45 0.00	55.47 3.08 0.00	54.97 2.87 0.00
ARTHUR_KILL_2 23512	38.28 2.24 0.00	35.93 1.99 0.00	33.72 1.83 0.00	35.80 1.89 0.00	33.94 1.84 0.00	38.36 2.15 0.00	74.82 4.00 0.00	88.33 4.58 0.00	51.04 2.66 0.00	39.63 2.21 -0.87	54.22 3.24 0.00	48.33 3.08 0.00	47.53 3.04 0.00	55.51 3.47 0.00	54.34 3.39 0.00	81.33 4.60 0.00	142.67 7.91 0.00	84.97 4.79 0.00	65.52 3.34 0.00	83.19 4.09 0.00	81.22 3.92 0.00	64.51 3.24 0.00	55.31 2.93 0.00	54.81 2.72 0.00
ARTHUR_KILL_3 23513	38.07 2.03 0.00	35.71 1.77 0.00	33.54 1.64 0.00	35.60 1.69 0.00	33.74 1.65 0.00	38.15 1.94 0.00	74.80 3.98 0.00	88.36 4.62 0.00	50.74 2.37 0.00	39.45 2.02 -0.87	54.04 3.06 0.00	48.10 2.84 0.00	47.34 2.85 0.00	55.38 3.34 0.00	54.26 3.31 0.00	81.45 4.73 0.00	142.93 8.17 0.00	85.00 4.83 0.00	65.48 3.30 0.00	83.22 4.11 0.00	81.22 3.92 0.00	64.43 3.15 0.00	55.06 2.68 0.00	54.56 2.46 0.00

ARTHUR_KILL_COGEN 323718	38.37 2.33 0.00	36.02 2.08 0.00	33.81 1.92 0.00	35.89 1.98 0.00	34.02 1.92 0.00	38.47 2.26 0.00	75.03 4.21 0.00	88.58 4.83 0.00	51.19 2.81 0.00	39.73 2.31 -0.87	54.37 3.39 0.00	48.44 3.19 0.00	47.65 3.16 0.00	55.62 3.59 0.00	54.45 3.50 0.00	81.53 4.81 0.00	143.08 8.32 0.00	85.23 5.05 0.00	65.72 3.54 0.00	83.45 4.34 0.00	81.47 4.17 0.00	64.71 3.44 0.00	55.47 3.09 0.00	54.97 2.87 0.00
ASHOKAN____ 23654	37.74 1.70 0.00	35.44 1.51 0.00	33.30 1.40 0.00	35.42 1.51 0.00	33.54 1.44 0.00	37.94 1.73 0.00	74.30 3.48 0.00	88.12 4.37 0.00	51.21 2.84 0.00	38.79 2.23 0.00	53.88 2.90 0.00	47.77 2.52 0.00	46.84 2.34 0.00	54.64 2.61 0.00	53.77 2.82 0.00	81.32 4.60 0.00	143.94 9.18 0.00	85.76 5.59 0.00	66.44 4.27 0.00	84.30 5.20 0.00	82.29 4.98 0.00	64.98 3.71 0.00	55.33 2.94 0.00	54.65 2.55 0.00
ASTORIA_EAST_ENERGY_CC1 323581	38.21 2.16 0.00	35.89 1.95 0.00	33.66 1.76 0.00	35.74 1.83 0.00	33.90 1.80 0.00	38.29 2.07 0.00	74.99 4.17 0.00	88.64 4.90 0.00	50.94 2.57 0.00	39.61 2.19 -0.86	54.25 3.27 0.00	48.31 3.05 0.00	47.51 3.02 0.00	55.59 3.55 0.00	54.42 3.47 0.00	81.61 4.89 0.00	143.31 8.56 0.00	85.20 5.03 0.00	65.68 3.50 0.00	83.46 4.36 0.00	81.52 4.22 0.00	64.69 3.41 0.00	55.31 2.92 0.00	54.73 2.63 0.00
ASTORIA_EAST_ENERGY_CC2 323582	38.19 2.15 0.00	35.88 1.95 0.00	33.64 1.74 0.00	35.72 1.82 0.00	33.89 1.79 0.00	38.27 2.05 0.00	74.96 4.14 0.00	88.61 4.86 0.00	50.92 2.55 0.00	39.60 2.19 -0.86	54.24 3.25 0.00	48.28 3.02 0.00	47.48 2.99 0.00	55.56 3.52 0.00	54.40 3.45 0.00	81.57 4.85 0.00	143.21 8.46 0.00	85.15 4.98 0.00	65.65 3.47 0.00	83.41 4.31 0.00	81.48 4.17 0.00	64.66 3.39 0.00	55.28 2.90 0.00	54.70 2.60 0.00
ASTORIA_GT2_1 24094	38.21 2.17 0.00	35.90 1.97 0.00	33.66 1.76 0.00	35.73 1.82 0.00	33.90 1.80 0.00	38.29 2.07 0.00	74.99 4.17 0.00	88.64 4.89 0.00	50.94 2.57 0.00	39.60 2.18 -0.85	54.25 3.27 0.00	48.31 3.05 0.00	47.50 3.01 0.00	55.59 3.55 0.00	54.41 3.46 0.00	81.62 4.90 0.00	143.30 8.55 0.00	85.21 5.03 0.00	65.68 3.50 0.00	83.47 4.36 0.00	81.52 4.22 0.00	64.70 3.43 0.00	55.30 2.92 0.00	54.73 2.63 0.00
ASTORIA_GT2_2 24095	38.21 2.17 0.00	35.90 1.97 0.00	33.66 1.76 0.00	35.73 1.82 0.00	33.90 1.80 0.00	38.29 2.07 0.00	74.99 4.17 0.00	88.64 4.89 0.00	50.94 2.57 0.00	39.60 2.18 -0.85	54.25 3.27 0.00	48.31 3.05 0.00	47.50 3.01 0.00	55.59 3.55 0.00	54.41 3.46 0.00	81.62 4.90 0.00	143.30 8.55 0.00	85.21 5.03 0.00	65.68 3.50 0.00	83.47 4.36 0.00	81.52 4.22 0.00	64.70 3.43 0.00	55.30 2.92 0.00	54.73 2.63 0.00
ASTORIA_GT2_3 24096	38.21 2.17 0.00	35.90 1.97 0.00	33.66 1.76 0.00	35.73 1.82 0.00	33.90 1.80 0.00	38.29 2.07 0.00	74.99 4.17 0.00	88.64 4.89 0.00	50.94 2.57 0.00	39.60 2.18 -0.85	54.25 3.27 0.00	48.31 3.05 0.00	47.50 3.01 0.00	55.59 3.55 0.00	54.41 3.46 0.00	81.62 4.90 0.00	143.30 8.55 0.00	85.21 5.03 0.00	65.68 3.50 0.00	83.47 4.36 0.00	81.52 4.22 0.00	64.70 3.43 0.00	55.30 2.92 0.00	54.73 2.63 0.00
ASTORIA_GT2_4 24097	38.21 2.17 0.00	35.90 1.97 0.00	33.66 1.76 0.00	35.73 1.82 0.00	33.90 1.80 0.00	38.29 2.07 0.00	74.99 4.17 0.00	88.64 4.89 0.00	50.94 2.57 0.00	39.60 2.18 -0.85	54.25 3.27 0.00	48.31 3.05 0.00	47.50 3.01 0.00	55.59 3.55 0.00	54.41 3.46 0.00	81.62 4.90 0.00	143.30 8.55 0.00	85.21 5.03 0.00	65.68 3.50 0.00	83.47 4.36 0.00	81.52 4.22 0.00	64.70 3.43 0.00	55.30 2.92 0.00	54.73 2.63 0.00
ASTORIA_GT3_1 24098	38.21 2.17 0.00	35.90 1.97 0.00	33.66 1.76 0.00	35.73 1.82 0.00	33.90 1.80 0.00	38.29 2.07 0.00	74.99 4.17 0.00	88.64 4.89 0.00	50.94 2.57 0.00	39.60 2.18 -0.85	54.25 3.27 0.00	48.31 3.05 0.00	47.50 3.01 0.00	55.59 3.55 0.00	54.41 3.46 0.00	81.62 4.90 0.00	143.30 8.55 0.00	85.21 5.03 0.00	65.68 3.50 0.00	83.47 4.36 0.00	81.52 4.22 0.00	64.70 3.43 0.00	55.30 2.92 0.00	54.73 2.63 0.00
ASTORIA_GT3_2 24099	38.21 2.17 0.00	35.90 1.97 0.00	33.66 1.76 0.00	35.73 1.82 0.00	33.90 1.80 0.00	38.29 2.07 0.00	74.99 4.17 0.00	88.64 4.89 0.00	50.94 2.57 0.00	39.60 2.18 -0.85	54.25 3.27 0.00	48.31 3.05 0.00	47.50 3.01 0.00	55.59 3.55 0.00	54.41 3.46 0.00	81.62 4.90 0.00	143.30 8.55 0.00	85.21 5.03 0.00	65.68 3.50 0.00	83.47 4.36 0.00	81.52 4.22 0.00	64.70 3.43 0.00	55.30 2.92 0.00	54.73 2.63 0.00
ASTORIA_GT3_3 24100	38.21 2.17 0.00	35.90 1.97 0.00	33.66 1.76 0.00	35.73 1.82 0.00	33.90 1.80 0.00	38.29 2.07 0.00	74.99 4.17 0.00	88.64 4.89 0.00	50.94 2.57 0.00	39.60 2.18 -0.85	54.25 3.27 0.00	48.31 3.05 0.00	47.50 3.01 0.00	55.59 3.55 0.00	54.41 3.46 0.00	81.62 4.90 0.00	143.30 8.55 0.00	85.21 5.03 0.00	65.68 3.50 0.00	83.47 4.36 0.00	81.52 4.22 0.00	64.70 3.43 0.00	55.30 2.92 0.00	54.73 2.63 0.00
ASTORIA_GT3_4 24101	38.21 2.17 0.00	35.90 1.97 0.00	33.66 1.76 0.00	35.73 1.82 0.00	33.90 1.80 0.00	38.29 2.07 0.00	74.99 4.17 0.00	88.64 4.89 0.00	50.94 2.57 0.00	39.60 2.18 -0.85	54.25 3.27 0.00	48.31 3.05 0.00	47.50 3.01 0.00	55.59 3.55 0.00	54.41 3.46 0.00	81.62 4.90 0.00	143.30 8.55 0.00	85.21 5.03 0.00	65.68 3.50 0.00	83.47 4.36 0.00	81.52 4.22 0.00	64.70 3.43 0.00	55.30 2.92 0.00	54.73 2.63 0.00
ASTORIA_GT4_1 24102	38.21 2.17 0.00	35.90 1.97 0.00	33.66 1.76 0.00	35.73 1.82 0.00	33.90 1.80 0.00	38.29 2.07 0.00	74.99 4.17 0.00	88.64 4.89 0.00	50.94 2.57 0.00	39.60 2.18 -0.85	54.25 3.27 0.00	48.31 3.05 0.00	47.50 3.01 0.00	55.59 3.55 0.00	54.41 3.46 0.00	81.62 4.90 0.00	143.30 8.55 0.00	85.21 5.03 0.00	65.68 3.50 0.00	83.47 4.36 0.00	81.52 4.22 0.00	64.70 3.43 0.00	55.30 2.92 0.00	54.73 2.63 0.00
ASTORIA_GT4_2 24103	38.21 2.17 0.00	35.90 1.97 0.00	33.66 1.76 0.00	35.73 1.82 0.00	33.90 1.80 0.00	38.29 2.07 0.00	74.99 4.17 0.00	88.64 4.89 0.00	50.94 2.57 0.00	39.60 2.18 -0.85	54.25 3.27 0.00	48.31 3.05 0.00	47.50 3.01 0.00	55.59 3.55 0.00	54.41 3.46 0.00	81.62 4.90 0.00	143.30 8.55 0.00	85.21 5.03 0.00	65.68 3.50 0.00	83.47 4.36 0.00	81.52 4.22 0.00	64.70 3.43 0.00	55.30 2.92 0.00	54.73 2.63 0.00
ASTORIA_GT4_3 24104	38.21 2.17 0.00	35.90 1.97 0.00	33.66 1.76 0.00	35.73 1.82 0.00	33.90 1.80 0.00	38.29 2.07 0.00	74.99 4.17 0.00	88.64 4.89 0.00	50.94 2.57 0.00	39.60 2.18 -0.85	54.25 3.27 0.00	48.31 3.05 0.00	47.50 3.01 0.00	55.59 3.55 0.00	54.41 3.46 0.00	81.62 4.90 0.00	143.30 8.55 0.00	85.21 5.03 0.00	65.68 3.50 0.00	83.47 4.36 0.00	81.52 4.22 0.00	64.70 3.43 0.00	55.30 2.92 0.00	54.73 2.63 0.00

ASTORIA_GT4_4 24105	38.21 2.17 0.00	35.90 1.97 0.00	33.66 1.76 0.00	35.73 1.82 0.00	33.90 1.80 0.00	38.29 2.07 0.00	74.99 4.17 0.00	88.64 4.89 0.00	50.94 2.57 0.00	39.60 2.18 -0.85	54.25 3.27 0.00	48.31 3.05 0.00	47.50 3.01 0.00	55.59 3.55 0.00	54.41 3.46 0.00	81.62 4.90 0.00	143.30 8.55 0.00	85.21 5.03 0.00	65.68 3.50 0.00	83.47 4.36 0.00	81.52 4.22 0.00	64.70 3.43 0.00	55.30 2.92 0.00	54.73 2.63 0.00
ASTORIA_GT_1 23523	38.27 2.23 0.00	35.96 2.03 0.00	33.70 1.81 0.00	35.79 1.88 0.00	33.96 1.86 0.00	38.35 2.13 0.00	75.15 4.33 0.00	88.84 5.09 0.00	51.05 2.68 0.00	39.69 2.27 -0.85	54.39 3.41 0.00	48.41 3.15 0.00	47.61 3.11 0.00	55.70 3.67 0.00	54.53 3.58 0.00	81.78 5.06 0.00	143.60 8.85 0.00	85.37 5.20 0.00	65.82 3.64 0.00	83.64 4.53 0.00	81.69 4.38 0.00	64.83 3.56 0.00	55.42 3.04 0.00	54.84 2.74 0.00
ASTORIA_GT_10 24110	38.10 2.06 0.00	35.78 1.84 0.00	33.60 1.70 0.00	35.65 1.74 0.00	33.83 1.73 0.00	38.20 1.98 0.00	74.83 4.02 0.00	88.45 4.71 0.00	50.90 2.53 0.00	39.56 2.14 -0.85	54.21 3.23 0.00	48.27 3.01 0.00	47.48 2.98 0.00	55.53 3.50 0.00	54.40 3.45 0.00	81.63 4.91 0.00	143.25 8.50 0.00	85.16 4.98 0.00	65.62 3.44 0.00	83.37 4.26 0.00	81.37 4.07 0.00	64.56 3.29 0.00	55.22 2.83 0.00	54.66 2.56 0.00
ASTORIA_GT_11 24225	38.10 2.06 0.00	35.78 1.84 0.00	33.60 1.70 0.00	35.65 1.74 0.00	33.83 1.73 0.00	38.20 1.98 0.00	74.83 4.02 0.00	88.45 4.71 0.00	50.90 2.53 0.00	39.56 2.14 -0.85	54.21 3.23 0.00	48.27 3.01 0.00	47.48 2.98 0.00	55.53 3.50 0.00	54.40 3.45 0.00	81.63 4.91 0.00	143.25 8.50 0.00	85.16 4.98 0.00	65.62 3.44 0.00	83.37 4.26 0.00	81.37 4.07 0.00	64.56 3.29 0.00	55.22 2.83 0.00	54.66 2.56 0.00
ASTORIA_GT_12 24226	38.10 2.06 0.00	35.78 1.84 0.00	33.60 1.70 0.00	35.65 1.74 0.00	33.83 1.73 0.00	38.20 1.98 0.00	74.83 4.02 0.00	88.45 4.71 0.00	50.90 2.53 0.00	39.56 2.14 -0.85	54.21 3.23 0.00	48.27 3.01 0.00	47.48 2.98 0.00	55.53 3.50 0.00	54.40 3.45 0.00	81.63 4.91 0.00	143.25 8.50 0.00	85.16 4.98 0.00	65.62 3.44 0.00	83.37 4.26 0.00	81.37 4.07 0.00	64.56 3.29 0.00	55.22 2.83 0.00	54.66 2.56 0.00
ASTORIA_GT_13 24227	38.10 2.06 0.00	35.78 1.84 0.00	33.60 1.70 0.00	35.65 1.74 0.00	33.83 1.73 0.00	38.20 1.98 0.00	74.83 4.02 0.00	88.45 4.71 0.00	50.90 2.53 0.00	39.56 2.14 -0.85	54.21 3.23 0.00	48.27 3.01 0.00	47.48 2.98 0.00	55.53 3.50 0.00	54.40 3.45 0.00	81.63 4.91 0.00	143.25 8.50 0.00	85.16 4.98 0.00	65.62 3.44 0.00	83.37 4.26 0.00	81.37 4.07 0.00	64.56 3.29 0.00	55.22 2.83 0.00	54.66 2.56 0.00
ASTORIA_GT_5 24106	38.27 2.23 0.00	35.96 2.03 0.00	33.70 1.81 0.00	35.79 1.88 0.00	33.96 1.86 0.00	38.35 2.13 0.00	75.15 4.33 0.00	88.84 5.09 0.00	51.05 2.68 0.00	39.69 2.27 -0.85	54.39 3.41 0.00	48.41 3.15 0.00	47.61 3.11 0.00	55.70 3.67 0.00	54.53 3.58 0.00	81.78 5.06 0.00	143.60 8.85 0.00	85.37 5.20 0.00	65.82 3.64 0.00	83.64 4.53 0.00	81.69 4.38 0.00	64.83 3.56 0.00	55.42 3.04 0.00	54.84 2.74 0.00
ASTORIA_GT_7 24107	38.27 2.23 0.00	35.96 2.03 0.00	33.70 1.81 0.00	35.79 1.88 0.00	33.96 1.86 0.00	38.35 2.13 0.00	75.15 4.33 0.00	88.84 5.09 0.00	51.05 2.68 0.00	39.69 2.27 -0.85	54.39 3.41 0.00	48.41 3.15 0.00	47.61 3.11 0.00	55.70 3.67 0.00	54.53 3.58 0.00	81.78 5.06 0.00	143.60 8.85 0.00	85.37 5.20 0.00	65.82 3.64 0.00	83.64 4.53 0.00	81.69 4.38 0.00	64.83 3.56 0.00	55.42 3.04 0.00	54.84 2.74 0.00
ASTORIA_GT_8 24108	38.27 2.23 0.00	35.96 2.03 0.00	33.70 1.81 0.00	35.79 1.88 0.00	33.96 1.86 0.00	38.35 2.13 0.00	75.15 4.33 0.00	88.84 5.09 0.00	51.05 2.68 0.00	39.69 2.27 -0.85	54.39 3.41 0.00	48.41 3.15 0.00	47.61 3.11 0.00	55.70 3.67 0.00	54.53 3.58 0.00	81.78 5.06 0.00	143.60 8.85 0.00	85.37 5.20 0.00	65.82 3.64 0.00	83.64 4.53 0.00	81.69 4.38 0.00	64.83 3.56 0.00	55.42 3.04 0.00	54.84 2.74 0.00
ASTORIA___2 24149	38.21 2.16 0.00	35.89 1.95 0.00	33.66 1.76 0.00	35.74 1.83 0.00	33.90 1.80 0.00	38.29 2.07 0.00	74.99 4.17 0.00	88.64 4.90 0.00	50.94 2.57 0.00	39.61 2.19 -0.86	54.25 3.27 0.00	48.31 3.05 0.00	47.51 3.02 0.00	55.59 3.55 0.00	54.42 3.47 0.00	81.61 4.89 0.00	143.31 8.56 0.00	85.20 5.03 0.00	65.68 3.50 0.00	83.46 4.36 0.00	81.52 4.22 0.00	64.69 3.41 0.00	55.31 2.92 0.00	54.73 2.63 0.00
ASTORIA___3 23516	38.10 2.06 0.00	35.77 1.84 0.00	33.60 1.70 0.00	35.64 1.74 0.00	33.82 1.72 0.00	38.20 1.98 0.00	74.83 4.01 0.00	88.45 4.71 0.00	50.90 2.53 0.00	39.56 2.15 -0.86	54.21 3.23 0.00	48.27 3.01 0.00	47.49 2.99 0.00	55.54 3.51 0.00	54.40 3.45 0.00	81.63 4.90 0.00	143.25 8.50 0.00	85.16 4.98 0.00	65.62 3.44 0.00	83.36 4.26 0.00	81.37 4.07 0.00	64.56 3.28 0.00	55.21 2.83 0.00	54.66 2.56 0.00
ASTORIA___4 23517	38.10 2.06 0.00	35.78 1.84 0.00	33.60 1.70 0.00	35.65 1.74 0.00	33.83 1.73 0.00	38.20 1.98 0.00	74.83 4.02 0.00	88.45 4.71 0.00	50.90 2.53 0.00	39.56 2.14 -0.85	54.21 3.23 0.00	48.27 3.01 0.00	47.48 2.98 0.00	55.53 3.50 0.00	54.40 3.45 0.00	81.63 4.91 0.00	143.25 8.50 0.00	85.16 4.98 0.00	65.62 3.44 0.00	83.37 4.26 0.00	81.37 4.07 0.00	64.56 3.29 0.00	55.22 2.83 0.00	54.66 2.56 0.00
ASTORIA___5 23518	38.10 2.06 0.00	35.77 1.84 0.00	33.60 1.70 0.00	35.64 1.74 0.00	33.82 1.72 0.00	38.20 1.98 0.00	74.83 4.01 0.00	88.45 4.71 0.00	50.90 2.53 0.00	39.56 2.15 -0.86	54.21 3.23 0.00	48.27 3.01 0.00	47.49 2.99 0.00	55.54 3.51 0.00	54.40 3.45 0.00	81.63 4.90 0.00	143.25 8.50 0.00	85.16 4.98 0.00	65.62 3.44 0.00	83.36 4.26 0.00	81.37 4.07 0.00	64.56 3.28 0.00	55.21 2.83 0.00	54.66 2.56 0.00
AST_ENERGY_2_CC3 323677	37.80 1.76 0.00	35.63 1.70 0.00	33.44 1.54 0.00	35.47 1.57 0.00	33.69 1.59 0.00	38.05 1.84 0.00	74.54 3.71 0.00	88.09 4.35 0.00	50.40 2.03 0.00	39.21 1.80 -0.86	53.84 2.86 0.00	47.87 2.61 0.00	47.01 2.51 0.00	55.01 2.98 0.00	53.85 2.90 0.00	80.76 4.03 0.00	141.82 7.07 0.00	84.32 4.14 0.00	64.99 2.81 0.00	82.59 3.48 0.00	80.66 3.36 0.00	64.01 2.74 0.00	54.71 2.33 0.00	54.13 2.03 0.00
AST_ENERGY_2_CC4 323678	37.80 1.76 0.00	35.63 1.70 0.00	33.44 1.54 0.00	35.47 1.57 0.00	33.69 1.59 0.00	38.05 1.84 0.00	74.54 3.71 0.00	88.09 4.35 0.00	50.40 2.03 0.00	39.21 1.80 -0.86	53.84 2.86 0.00	47.87 2.61 0.00	47.01 2.51 0.00	55.01 2.98 0.00	53.85 2.90 0.00	80.76 4.03 0.00	141.82 7.07 0.00	84.32 4.14 0.00	64.99 2.81 0.00	82.59 3.48 0.00	80.66 3.36 0.00	64.01 2.74 0.00	54.71 2.33 0.00	54.13 2.03 0.00

ATHENS_STG_1 23668	37.16 1.12 0.00	34.93 1.00 0.00	32.82 0.93 0.00	34.93 1.02 0.00	33.03 0.93 0.00	37.30 1.08 0.00	72.85 2.03 0.00	86.09 2.34 0.00	49.66 1.29 0.00	37.63 1.06 0.00	52.52 1.54 0.00	46.67 1.41 0.00	45.95 1.45 0.00	53.70 1.67 0.00	52.62 1.68 0.00	79.32 2.59 0.00	139.00 4.25 0.00	82.51 2.33 0.00	63.92 1.74 0.00	81.29 2.19 0.00	79.54 2.24 0.00	63.04 1.77 0.00	53.87 1.49 0.00	53.40 1.30 0.00
ATHENS_STG_2 23670	37.16 1.12 0.00	34.93 1.00 0.00	32.82 0.93 0.00	34.93 1.02 0.00	33.03 0.93 0.00	37.30 1.08 0.00	72.85 2.03 0.00	86.09 2.34 0.00	49.66 1.29 0.00	37.63 1.06 0.00	52.52 1.54 0.00	46.67 1.41 0.00	45.95 1.45 0.00	53.70 1.67 0.00	52.62 1.68 0.00	79.32 2.59 0.00	139.00 4.25 0.00	82.51 2.33 0.00	63.92 1.74 0.00	81.29 2.19 0.00	79.54 2.24 0.00	63.04 1.77 0.00	53.87 1.49 0.00	53.40 1.30 0.00
ATHENS_STG_3 23677	37.16 1.12 0.00	34.93 1.00 0.00	32.82 0.93 0.00	34.93 1.02 0.00	33.03 0.93 0.00	37.30 1.08 0.00	72.85 2.03 0.00	86.09 2.34 0.00	49.66 1.29 0.00	37.63 1.06 0.00	52.52 1.54 0.00	46.67 1.41 0.00	45.95 1.45 0.00	53.70 1.67 0.00	52.62 1.68 0.00	79.32 2.59 0.00	139.00 4.25 0.00	82.51 2.33 0.00	63.92 1.74 0.00	81.29 2.19 0.00	79.54 2.24 0.00	63.04 1.77 0.00	53.87 1.49 0.00	53.40 1.30 0.00
AUBURN___LFGE 323710	35.98 -0.06 0.00	34.00 0.06 0.00	31.96 0.06 0.00	33.93 0.02 0.00	32.20 0.10 0.00	36.41 0.19 0.00	71.05 0.23 0.00	84.80 0.40 -0.66	48.70 0.33 0.00	36.78 0.22 0.00	51.33 0.35 0.00	45.66 0.20 -0.21	44.72 0.22 0.00	52.36 0.33 0.00	54.24 0.34 -2.94	84.06 0.50 -6.84	144.80 0.89 -9.15	81.90 0.40 -1.32	62.72 0.54 0.00	79.48 0.37 -0.01	78.34 0.17 -0.87	61.37 0.10 0.00	52.70 0.31 0.00	52.52 0.42 0.00
BABYLON_RES_REC 323704	38.37 2.33 0.00	36.16 2.23 0.00	33.85 1.95 0.00	35.96 2.05 0.00	34.01 1.91 0.00	38.40 2.16 -0.02	76.66 4.28 -1.55	90.77 5.03 -2.00	51.55 2.42 -0.75	38.73 2.06 -0.11	55.01 4.03 0.00	48.96 3.71 0.00	47.79 3.29 0.00	56.59 3.98 -0.58	55.59 4.08 -0.56	83.57 5.39 -1.46	147.14 10.15 -2.23	87.99 6.17 -1.64	67.74 4.55 -1.01	86.98 5.82 -2.05	84.42 5.81 -1.30	66.46 4.36 -0.83	56.61 3.73 -0.49	55.57 3.46 -0.01
BALL_HILL_WT_PWR 323825	33.96 -2.08 0.00	31.90 -2.03 0.00	29.98 -1.92 0.00	31.69 -2.23 0.00	30.05 -2.05 0.00	34.03 -2.18 0.00	66.71 -4.11 0.00	75.75 -6.04 1.95	45.46 -2.91 0.00	34.39 -2.17 0.00	48.16 -2.82 0.00	42.14 -2.70 0.41	41.65 -2.85 0.00	48.73 -3.30 0.00	41.77 -3.47 5.71	54.62 -5.78 16.32	101.38 -10.53 22.85	71.48 -5.61 3.09	57.99 -4.19 0.00	74.48 -4.60 0.02	70.70 -4.59 2.02	58.12 -3.15 0.00	50.84 -1.54 0.00	51.76 -0.33 0.00
BARON_WINDS___WT_PWR 323822	33.40 -2.64 0.00	31.39 -2.55 0.00	29.43 -2.47 0.00	31.05 -2.86 0.00	29.61 -2.49 0.00	33.66 -2.56 0.00	65.77 -5.05 0.00	72.30 -7.51 3.93	44.40 -3.97 0.00	33.27 -3.29 0.00	46.18 -4.81 0.00	39.64 -4.54 1.08	40.10 -4.39 0.00	47.10 -4.93 0.00	34.08 -5.09 11.77	39.08 -7.40 30.24	81.26 -12.88 40.61	67.43 -7.02 5.73	56.82 -5.36 0.00	72.46 -6.60 0.04	66.79 -6.77 3.74	56.47 -4.81 0.00	49.05 -3.34 0.00	50.01 -2.09 0.00
BARRETT_IC_1 23704	38.11 2.04 -0.03	35.98 1.99 -0.05	33.66 1.74 -0.03	35.73 1.82 0.00	33.76 1.66 0.00	38.03 1.82 0.00	74.30 3.48 0.00	87.80 4.06 0.00	50.25 1.88 0.00	38.25 1.69 0.00	54.48 3.46 -0.04	60.96 3.22 -12.49	74.32 2.99 -26.84	62.58 3.59 -6.96	61.82 3.61 -7.26	81.36 4.57 -0.07	143.11 8.34 -0.01	85.29 5.11 0.00	65.86 3.67 -0.01	92.71 4.68 -8.92	177.33 4.58 -95.45	112.35 3.52 -47.55	62.13 3.02 -6.72	56.98 2.97 -1.91
BARRETT_IC_10 23701	38.11 2.04 -0.03	35.98 1.99 -0.05	33.66 1.74 -0.03	35.73 1.82 0.00	33.76 1.66 0.00	38.03 1.82 0.00	74.30 3.48 0.00	87.80 4.06 0.00	50.25 1.88 0.00	38.25 1.69 0.00	54.48 3.46 -0.04	60.96 3.22 -12.49	74.32 2.99 -26.84	62.58 3.59 -6.96	61.82 3.61 -7.26	81.36 4.57 -0.07	143.11 8.34 -0.01	85.29 5.11 0.00	65.86 3.67 -0.01	92.71 4.68 -8.92	177.33 4.58 -95.45	112.35 3.52 -47.55	62.13 3.02 -6.72	56.98 2.97 -1.91
BARRETT_IC_11 23702	38.11 2.04 -0.03	35.98 1.99 -0.05	33.66 1.74 -0.03	35.73 1.82 0.00	33.76 1.66 0.00	38.03 1.82 0.00	74.30 3.48 0.00	87.80 4.06 0.00	50.25 1.88 0.00	38.25 1.69 0.00	54.48 3.46 -0.04	60.96 3.22 -12.49	74.32 2.99 -26.84	62.58 3.59 -6.96	61.82 3.61 -7.26	81.36 4.57 -0.07	143.11 8.34 -0.01	85.29 5.11 0.00	65.86 3.67 -0.01	92.71 4.68 -8.92	177.33 4.58 -95.45	112.35 3.52 -47.55	62.13 3.02 -6.72	56.98 2.97 -1.91
BARRETT_IC_12 23703	38.11 2.04 -0.03	35.98 1.99 -0.05	33.66 1.74 -0.03	35.73 1.82 0.00	33.76 1.66 0.00	38.03 1.82 0.00	74.30 3.48 0.00	87.80 4.06 0.00	50.25 1.88 0.00	38.25 1.69 0.00	54.48 3.46 -0.04	60.96 3.22 -12.49	74.32 2.99 -26.84	62.58 3.59 -6.96	61.82 3.61 -7.26	81.36 4.57 -0.07	143.11 8.34 -0.01	85.29 5.11 0.00	65.86 3.67 -0.01	92.71 4.68 -8.92	177.33 4.58 -95.45	112.35 3.52 -47.55	62.13 3.02 -6.72	56.98 2.97 -1.91
BARRETT_IC_2 23705	38.11 2.04 -0.03	35.98 1.99 -0.05	33.66 1.74 -0.03	35.73 1.82 0.00	33.76 1.66 0.00	38.03 1.82 0.00	74.30 3.48 0.00	87.80 4.06 0.00	50.25 1.88 0.00	38.25 1.69 0.00	54.48 3.46 -0.04	60.96 3.22 -12.49	74.32 2.99 -26.84	62.58 3.59 -6.96	61.82 3.61 -7.26	81.36 4.57 -0.07	143.11 8.34 -0.01	85.29 5.11 0.00	65.86 3.67 -0.01	92.71 4.68 -8.92	177.33 4.58 -95.45	112.35 3.52 -47.55	62.13 3.02 -6.72	56.98 2.97 -1.91
BARRETT_IC_3 23706	38.11 2.04 -0.03	35.98 1.99 -0.05	33.66 1.74 -0.03	35.73 1.82 0.00	33.76 1.66 0.00	38.03 1.82 0.00	74.30 3.48 0.00	87.80 4.06 0.00	50.25 1.88 0.00	38.25 1.69 0.00	54.48 3.46 -0.04	60.96 3.22 -12.49	74.32 2.99 -26.84	62.58 3.59 -6.96	61.82 3.61 -7.26	81.36 4.57 -0.07	143.11 8.34 -0.01	85.29 5.11 0.00	65.86 3.67 -0.01	92.71 4.68 -8.92	177.33 4.58 -95.45	112.35 3.52 -47.55	62.13 3.02 -6.72	56.98 2.97 -1.91
BARRETT_IC_4 23707	38.11 2.04 -0.03	35.98 1.99 -0.05	33.66 1.74 -0.03	35.73 1.82 0.00	33.76 1.66 0.00	38.03 1.82 0.00	74.30 3.48 0.00	87.80 4.06 0.00	50.25 1.88 0.00	38.25 1.69 0.00	54.48 3.46 -0.04	60.96 3.22 -12.49	74.32 2.99 -26.84	62.58 3.59 -6.96	61.82 3.61 -7.26	81.36 4.57 -0.07	143.11 8.34 -0.01	85.29 5.11 0.00	65.86 3.67 -0.01	92.71 4.68 -8.92	177.33 4.58 -95.45	112.35 3.52 -47.55	62.13 3.02 -6.72	56.98 2.97 -1.91
BARRETT_IC_5 23708	38.11 2.04 -0.03	35.98 1.99 -0.05	33.66 1.74 -0.03	35.73 1.82 0.00	33.76 1.66 0.00	38.03 1.82 0.00	74.30 3.48 0.00	87.80 4.06 0.00	50.25 1.88 0.00	38.25 1.69 0.00	54.48 3.46 -0.04	60.96 3.22 -12.49	74.32 2.99 -26.84	62.58 3.59 -6.96	61.82 3.61 -7.26	81.36 4.57 -0.07	143.11 8.34 -0.01	85.29 5.11 0.00	65.86 3.67 -0.01	92.71 4.68 -8.92	177.33 4.58 -95.45	112.35 3.52 -47.55	62.13 3.02 -6.72	56.98 2.97 -1.91

BARRETT_IC_6 23709	38.11 2.04 -0.03	35.98 1.99 -0.05	33.66 1.74 -0.03	35.73 1.82 0.00	33.76 1.66 0.00	38.03 1.82 0.00	74.30 3.48 0.00	87.80 4.06 0.00	50.25 1.88 0.00	38.25 1.69 0.00	54.48 3.46 -0.04	60.96 3.22 -12.49	74.32 2.99 -26.84	62.58 3.59 -6.96	61.82 3.61 -7.26	81.36 4.57 -0.07	143.11 8.34 -0.01	85.29 5.11 0.00	65.86 3.67 -0.01	92.71 4.68 -8.92	177.33 4.58 -95.45	112.35 3.52 -47.55	62.13 3.02 -6.72	56.98 2.97 -1.91
BARRETT_IC_7 23710	38.11 2.04 -0.03	35.98 1.99 -0.05	33.66 1.74 -0.03	35.74 1.83 0.00	33.76 1.66 0.00	38.02 1.81 0.00	74.30 3.48 0.00	87.80 4.06 0.00	50.25 1.88 0.00	38.25 1.69 0.00	54.49 3.47 -0.04	60.99 3.25 -12.49	74.32 2.99 -26.84	62.58 3.59 -6.96	61.83 3.62 -7.26	81.37 4.58 -0.07	143.11 8.34 -0.01	85.29 5.12 0.00	65.86 3.67 -0.01	92.73 4.70 -8.92	177.50 4.74 -95.45	112.39 3.56 -47.55	62.25 3.14 -6.72	57.03 3.02 -1.91
BARRETT_IC_8 23711	38.11 2.04 -0.03	35.98 1.99 -0.05	33.66 1.74 -0.03	35.73 1.82 0.00	33.76 1.66 0.00	38.03 1.82 0.00	74.30 3.48 0.00	87.80 4.06 0.00	50.25 1.88 0.00	38.25 1.69 0.00	54.48 3.46 -0.04	60.96 3.22 -12.49	74.32 2.99 -26.84	62.58 3.59 -6.96	61.82 3.61 -7.26	81.36 4.57 -0.07	143.11 8.34 -0.01	85.29 5.11 0.00	65.86 3.67 -0.01	92.71 4.68 -8.92	177.33 4.58 -95.45	112.35 3.52 -47.55	62.13 3.02 -6.72	56.98 2.97 -1.91
BARRETT_IC_9 23700	38.11 2.04 -0.03	35.98 1.99 -0.05	33.66 1.74 -0.03	35.73 1.82 0.00	33.76 1.66 0.00	38.03 1.82 0.00	74.30 3.48 0.00	87.80 4.06 0.00	50.25 1.88 0.00	38.25 1.69 0.00	54.48 3.46 -0.04	60.96 3.22 -12.49	74.32 2.99 -26.84	62.58 3.59 -6.96	61.82 3.61 -7.26	81.36 4.57 -0.07	143.11 8.34 -0.01	85.29 5.11 0.00	65.86 3.67 -0.01	92.71 4.68 -8.92	177.33 4.58 -95.45	112.35 3.52 -47.55	62.13 3.02 -6.72	56.98 2.97 -1.91
BARRETT___1 23545	38.11 2.04 -0.03	35.98 1.99 -0.05	33.66 1.74 -0.03	35.73 1.82 0.00	33.76 1.66 0.00	38.03 1.82 0.00	74.30 3.48 0.00	87.80 4.06 0.00	50.25 1.88 0.00	38.25 1.69 0.00	54.48 3.46 -0.04	60.96 3.22 -12.49	74.32 2.99 -26.84	62.58 3.59 -6.96	61.82 3.61 -7.26	81.36 4.57 -0.07	143.11 8.34 -0.01	85.29 5.11 0.00	65.86 3.67 -0.01	92.71 4.68 -8.92	177.33 4.58 -95.45	112.35 3.52 -47.55	62.13 3.02 -6.72	56.98 2.97 -1.91
BARRETT___2 23546	38.11 2.04 -0.03	35.98 1.99 -0.05	33.66 1.74 -0.03	35.73 1.82 0.00	33.76 1.66 0.00	38.03 1.82 0.00	74.30 3.48 0.00	87.80 4.06 0.00	50.25 1.88 0.00	38.25 1.69 0.00	54.48 3.46 -0.04	60.96 3.22 -12.49	74.32 2.99 -26.84	62.58 3.59 -6.96	61.82 3.61 -7.26	81.36 4.57 -0.07	143.11 8.34 -0.01	85.29 5.11 0.00	65.86 3.67 -0.01	92.71 4.68 -8.92	177.33 4.58 -95.45	112.35 3.52 -47.55	62.13 3.02 -6.72	56.98 2.97 -1.91
BATAVIA___115KV_TB1 55881	35.11 -0.93 0.00	33.01 -0.92 0.00	30.99 -0.91 0.00	32.73 -1.18 0.00	30.99 -1.11 0.00	35.00 -1.21 0.00	68.96 -1.86 0.00	79.66 -2.66 1.42	47.32 -1.05 0.00	35.69 -0.87 0.00	49.81 -1.18 0.00	44.01 -0.96 0.29	43.18 -1.31 0.00	50.60 -1.43 0.00	45.51 -1.39 4.05	62.21 -2.80 11.72	113.96 -4.54 16.26	75.99 -1.96 2.23	60.72 -1.46 0.00	77.55 -1.54 0.02	74.23 -1.62 1.45	60.07 -1.21 0.00	52.36 -0.02 0.00	53.16 1.07 0.00
BAYONEEC___CTG1 323682	38.17 2.13 0.00	35.80 1.87 0.00	33.62 1.73 0.00	35.69 1.78 0.00	33.83 1.73 0.00	38.24 2.03 0.00	75.00 4.18 0.00	88.63 4.88 0.00	50.91 2.54 0.00	39.57 2.14 -0.87	54.24 3.25 0.00	48.26 3.00 0.00	47.49 2.99 0.00	55.54 3.51 0.00	54.43 3.48 0.00	81.71 4.99 0.00	143.39 8.63 0.00	85.28 5.10 0.00	65.69 3.52 0.00	83.50 4.39 0.00	81.50 4.20 0.00	64.64 3.36 0.00	55.26 2.88 0.00	54.73 2.63 0.00
BAYONEEC___CTG10 323750	38.17 2.13 0.00	35.80 1.87 0.00	33.62 1.73 0.00	35.69 1.78 0.00	33.83 1.73 0.00	38.24 2.03 0.00	75.00 4.18 0.00	88.63 4.88 0.00	50.91 2.54 0.00	39.57 2.14 -0.87	54.24 3.25 0.00	48.26 3.00 0.00	47.49 2.99 0.00	55.54 3.51 0.00	54.43 3.48 0.00	81.71 4.99 0.00	143.39 8.63 0.00	85.28 5.10 0.00	65.69 3.52 0.00	83.50 4.39 0.00	81.50 4.20 0.00	64.64 3.36 0.00	55.26 2.88 0.00	54.73 2.63 0.00
BAYONEEC___CTG2 323683	38.17 2.13 0.00	35.80 1.87 0.00	33.62 1.73 0.00	35.69 1.78 0.00	33.83 1.73 0.00	38.24 2.03 0.00	75.00 4.18 0.00	88.63 4.88 0.00	50.91 2.54 0.00	39.57 2.14 -0.87	54.24 3.25 0.00	48.26 3.00 0.00	47.49 2.99 0.00	55.54 3.51 0.00	54.43 3.48 0.00	81.71 4.99 0.00	143.39 8.63 0.00	85.28 5.10 0.00	65.69 3.52 0.00	83.50 4.39 0.00	81.50 4.20 0.00	64.64 3.36 0.00	55.26 2.88 0.00	54.73 2.63 0.00
BAYONEEC___CTG3 323684	38.17 2.13 0.00	35.80 1.87 0.00	33.62 1.73 0.00	35.69 1.78 0.00	33.83 1.73 0.00	38.24 2.03 0.00	75.00 4.18 0.00	88.63 4.88 0.00	50.91 2.54 0.00	39.57 2.14 -0.87	54.24 3.25 0.00	48.26 3.00 0.00	47.49 2.99 0.00	55.54 3.51 0.00	54.43 3.48 0.00	81.71 4.99 0.00	143.39 8.63 0.00	85.28 5.10 0.00	65.69 3.52 0.00	83.50 4.39 0.00	81.50 4.20 0.00	64.64 3.36 0.00	55.26 2.88 0.00	54.73 2.63 0.00
BAYONEEC___CTG4 323685	38.17 2.13 0.00	35.80 1.87 0.00	33.62 1.73 0.00	35.69 1.78 0.00	33.83 1.73 0.00	38.24 2.03 0.00	75.00 4.18 0.00	88.63 4.88 0.00	50.91 2.54 0.00	39.57 2.14 -0.87	54.24 3.25 0.00	48.26 3.00 0.00	47.49 2.99 0.00	55.54 3.51 0.00	54.43 3.48 0.00	81.71 4.99 0.00	143.39 8.63 0.00	85.28 5.10 0.00	65.69 3.52 0.00	83.50 4.39 0.00	81.50 4.20 0.00	64.64 3.36 0.00	55.26 2.88 0.00	54.73 2.63 0.00
BAYONEEC___CTG5 323686	38.17 2.13 0.00	35.80 1.87 0.00	33.62 1.73 0.00	35.69 1.78 0.00	33.83 1.73 0.00	38.24 2.03 0.00	75.00 4.18 0.00	88.63 4.88 0.00	50.91 2.54 0.00	39.57 2.14 -0.87	54.24 3.25 0.00	48.26 3.00 0.00	47.49 2.99 0.00	55.54 3.51 0.00	54.43 3.48 0.00	81.71 4.99 0.00	143.39 8.63 0.00	85.28 5.10 0.00	65.69 3.52 0.00	83.50 4.39 0.00	81.50 4.20 0.00	64.64 3.36 0.00	55.26 2.88 0.00	54.73 2.63 0.00
BAYONEEC___CTG6 323687	38.17 2.13 0.00	35.80 1.87 0.00	33.62 1.73 0.00	35.69 1.78 0.00	33.83 1.73 0.00	38.24 2.03 0.00	75.00 4.18 0.00	88.63 4.88 0.00	50.91 2.54 0.00	39.57 2.14 -0.87	54.24 3.25 0.00	48.26 3.00 0.00	47.49 2.99 0.00	55.54 3.51 0.00	54.43 3.48 0.00	81.71 4.99 0.00	143.39 8.63 0.00	85.28 5.10 0.00	65.69 3.52 0.00	83.50 4.39 0.00	81.50 4.20 0.00	64.64 3.36 0.00	55.26 2.88 0.00	54.73 2.63 0.00
BAYONEEC___CTG7 323688	38.17 2.13 0.00	35.80 1.87 0.00	33.62 1.73 0.00	35.69 1.78 0.00	33.83 1.73 0.00	38.24 2.03 0.00	75.00 4.18 0.00	88.63 4.88 0.00	50.91 2.54 0.00	39.57 2.14 -0.87	54.24 3.25 0.00	48.26 3.00 0.00	47.49 2.99 0.00	55.54 3.51 0.00	54.43 3.48 0.00	81.71 4.99 0.00	143.39 8.63 0.00	85.28 5.10 0.00	65.69 3.52 0.00	83.50 4.39 0.00	81.50 4.20 0.00	64.64 3.36 0.00	55.26 2.88 0.00	54.73 2.63 0.00

BAYONEEC___CTG8 323689	38.17 2.13 0.00	35.80 1.87 0.00	33.62 1.73 0.00	35.69 1.78 0.00	33.83 1.73 0.00	38.24 2.03 0.00	75.00 4.18 0.00	88.63 4.88 0.00	50.91 2.54 0.00	39.57 2.14 -0.87	54.24 3.25 0.00	48.26 3.00 0.00	47.49 2.99 0.00	55.54 3.51 0.00	54.43 3.48 0.00	81.71 4.99 0.00	143.39 8.63 0.00	85.28 5.10 0.00	65.69 3.52 0.00	83.50 4.39 0.00	81.50 4.20 0.00	64.64 3.36 0.00	55.26 2.88 0.00	54.73 2.63 0.00
BAYONEEC___CTG9 323749	38.17 2.13 0.00	35.80 1.87 0.00	33.62 1.73 0.00	35.69 1.78 0.00	33.83 1.73 0.00	38.24 2.03 0.00	75.00 4.18 0.00	88.63 4.88 0.00	50.91 2.54 0.00	39.57 2.14 -0.87	54.24 3.25 0.00	48.26 3.00 0.00	47.49 2.99 0.00	55.54 3.51 0.00	54.43 3.48 0.00	81.71 4.99 0.00	143.39 8.63 0.00	85.28 5.10 0.00	65.69 3.52 0.00	83.50 4.39 0.00	81.50 4.20 0.00	64.64 3.36 0.00	55.26 2.88 0.00	54.73 2.63 0.00
BEACON___LESR 323632	37.24 1.20 0.00	34.99 1.06 0.00	32.90 1.00 0.00	35.01 1.10 0.00	33.14 1.04 0.00	37.32 1.11 0.00	72.56 1.74 0.00	85.91 2.16 0.00	49.67 1.30 0.00	37.67 1.10 0.00	52.22 1.24 0.00	46.47 1.22 0.00	45.92 1.42 0.00	53.59 1.56 0.00	52.44 1.49 0.00	79.46 2.74 0.00	139.23 4.48 0.00	82.71 2.53 0.00	64.28 2.10 0.00	81.57 2.46 0.00	79.81 2.51 0.00	63.11 1.84 0.00	53.74 1.36 0.00	53.50 1.40 0.00
BEAVER RIVER___HYD 24048	34.64 -1.40 0.00	32.65 -1.28 0.00	30.70 -1.19 0.00	32.73 -1.19 0.00	31.06 -1.04 0.00	35.09 -1.13 0.00	68.96 -1.86 0.00	81.80 -1.95 0.00	47.41 -0.97 0.00	35.80 -0.76 0.00	49.91 -1.07 0.00	44.33 -0.92 0.00	43.32 -1.18 0.00	50.97 -1.06 0.00	50.16 -0.79 0.00	75.52 -1.20 0.00	134.12 -0.64 0.00	80.84 0.66 0.00	61.94 -0.24 0.00	78.41 -0.70 0.00	76.05 -1.25 0.00	60.67 -0.61 0.00	51.57 -0.81 0.00	51.11 -0.99 0.00
BEEBEE_GT_13 23619	35.16 -0.88 0.00	33.09 -0.84 0.00	31.07 -0.82 0.00	32.88 -1.03 0.00	31.14 -0.96 0.00	35.20 -1.01 0.00	69.18 -1.64 0.00	80.49 -2.29 0.97	47.45 -0.92 0.00	35.86 -0.70 0.00	50.16 -0.82 0.00	44.29 -0.76 0.20	43.58 -0.92 0.00	51.02 -1.01 0.00	47.13 -1.05 2.77	66.78 -2.16 7.78	120.78 -3.58 10.40	77.04 -1.63 1.51	60.93 -1.25 0.00	77.64 -1.45 0.01	74.76 -1.56 0.99	60.10 -1.17 0.00	52.04 -0.34 0.00	52.36 0.25 0.00
BENSHRST_27_KV_BENSHRST_1 355998	38.47 2.43 0.00	36.10 2.16 0.00	33.88 1.98 0.00	35.95 2.04 0.00	34.08 1.98 0.00	38.53 2.32 0.00	75.35 4.52 0.00	89.12 5.38 0.00	51.38 3.01 0.00	39.92 2.50 -0.87	54.71 3.72 0.00	48.73 3.48 0.00	47.93 3.44 0.00	56.03 4.00 0.00	54.88 3.93 0.00	82.28 5.56 0.00	144.44 9.69 0.00	85.97 5.80 0.00	66.26 4.08 0.00	84.21 5.11 0.00	82.19 4.89 0.00	65.25 3.98 0.00	55.82 3.43 0.00	55.23 3.13 0.00
BETHLEHEM___GRP 23843	36.65 0.61 0.00	34.53 0.60 0.00	32.44 0.55 0.00	34.50 0.60 0.00	32.62 0.52 0.00	36.68 0.47 0.00	71.11 0.29 0.00	84.09 0.35 0.00	48.73 0.36 0.00	36.99 0.42 0.00	51.22 0.24 0.00	45.60 0.34 0.00	44.94 0.45 0.00	52.39 0.36 0.00	51.33 0.37 0.00	77.60 0.87 0.00	136.03 1.27 0.00	80.67 0.49 0.00	62.70 0.52 0.00	79.57 0.46 0.00	77.88 0.58 0.00	61.69 0.42 0.00	52.64 0.26 0.00	52.22 0.11 0.00
BETHLEHEM___GS1 323560	36.65 0.60 0.00	34.53 0.59 0.00	32.44 0.55 0.00	34.50 0.59 0.00	32.62 0.52 0.00	36.68 0.47 0.00	71.11 0.29 0.00	84.09 0.35 0.00	48.73 0.36 0.00	36.99 0.42 0.00	51.22 0.24 0.00	45.60 0.35 0.00	44.94 0.45 0.00	52.39 0.36 0.00	51.34 0.38 0.00	77.59 0.87 0.00	136.02 1.27 0.00	80.67 0.49 0.00	62.70 0.52 0.00	79.57 0.46 0.00	77.88 0.57 0.00	61.69 0.42 0.00	52.64 0.26 0.00	52.22 0.12 0.00
BETHLEHEM___GS2 323561	36.65 0.60 0.00	34.53 0.59 0.00	32.44 0.55 0.00	34.50 0.59 0.00	32.62 0.52 0.00	36.68 0.47 0.00	71.11 0.29 0.00	84.09 0.35 0.00	48.73 0.36 0.00	36.99 0.42 0.00	51.22 0.24 0.00	45.60 0.35 0.00	44.94 0.45 0.00	52.39 0.36 0.00	51.34 0.38 0.00	77.59 0.87 0.00	136.02 1.27 0.00	80.67 0.49 0.00	62.70 0.52 0.00	79.57 0.46 0.00	77.88 0.57 0.00	61.69 0.42 0.00	52.64 0.26 0.00	52.22 0.12 0.00
BETHLEHEM___GS3 323562	36.65 0.60 0.00	34.53 0.59 0.00	32.44 0.55 0.00	34.50 0.59 0.00	32.62 0.52 0.00	36.68 0.47 0.00	71.11 0.29 0.00	84.09 0.35 0.00	48.73 0.36 0.00	36.99 0.42 0.00	51.22 0.24 0.00	45.60 0.35 0.00	44.94 0.45 0.00	52.39 0.36 0.00	51.34 0.38 0.00	77.59 0.87 0.00	136.02 1.27 0.00	80.67 0.49 0.00	62.70 0.52 0.00	79.57 0.46 0.00	77.88 0.57 0.00	61.69 0.42 0.00	52.64 0.26 0.00	52.22 0.12 0.00
BETHLEHEM___STEEL 23779	34.18 -1.87 0.00	32.11 -1.82 0.00	30.15 -1.75 0.00	31.82 -2.09 0.00	30.12 -1.98 0.00	34.08 -2.13 0.00	66.85 -3.97 0.00	76.14 -5.64 1.96	45.67 -2.70 0.00	34.48 -2.08 0.00	48.32 -2.66 0.00	42.38 -2.48 0.40	41.85 -2.65 0.00	49.06 -2.97 0.00	42.29 -3.01 5.65	55.05 -5.31 16.36	102.42 -9.48 22.86	72.10 -4.99 3.10	58.40 -3.78 0.00	74.86 -4.22 0.02	71.07 -4.21 2.02	58.29 -2.98 0.00	51.01 -1.38 0.00	51.95 -0.15 0.00
BETHLHEM_115KV_TB1 79974	36.70 0.66 0.00	34.57 0.64 0.00	32.49 0.60 0.00	34.55 0.64 0.00	32.68 0.57 0.00	36.76 0.54 0.00	71.33 0.51 0.00	84.36 0.61 0.00	48.87 0.50 0.00	37.07 0.51 0.00	51.38 0.39 0.00	45.73 0.48 0.00	45.07 0.57 0.00	52.56 0.53 0.00	51.48 0.53 0.00	77.81 1.09 0.00	136.42 1.67 0.00	80.91 0.73 0.00	62.87 0.69 0.00	79.80 0.70 0.00	78.11 0.81 0.00	61.88 0.61 0.00	52.81 0.42 0.00	52.39 0.29 0.00
BETHPAGE_CC_5 323564	38.31 2.27 0.00	36.10 2.17 0.00	33.79 1.89 0.00	35.90 1.99 0.00	33.95 1.85 0.00	38.33 2.11 0.00	74.86 4.05 0.00	88.45 4.70 0.00	50.65 2.27 0.00	38.52 1.96 0.00	54.78 3.80 0.00	49.40 3.57 -0.57	48.94 3.22 -1.22	56.21 3.86 -0.32	55.21 3.93 -0.33	81.85 5.13 0.00	144.24 9.48 0.00	85.95 5.77 0.00	66.37 4.20 0.00	84.91 5.40 -0.41	87.06 5.41 -4.35	67.50 4.06 -2.16	56.20 3.51 -0.30	55.52 3.34 -0.08
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	34.27 -1.78 0.00	32.19 -1.75 0.00	30.22 -1.67 0.00	31.90 -2.01 0.00	30.21 -1.89 0.00	34.19 -2.02 0.00	67.05 -3.76 0.00	76.37 -5.38 2.00	45.81 -2.56 0.00	34.58 -1.98 0.00	48.46 -2.52 0.00	42.49 -2.35 0.41	41.98 -2.52 0.00	49.21 -2.82 0.00	42.29 -2.86 5.81	54.98 -5.04 16.70	102.49 -8.95 23.32	72.27 -4.74 3.16	58.53 -3.65 0.00	75.12 -3.96 0.02	71.29 -3.95 2.07	58.48 -2.79 0.00	51.14 -1.24 0.00	52.08 -0.03 0.00
BINGHAMTON___COGEN 23790	36.06 0.02 0.00	33.92 -0.01 0.00	31.87 -0.03 0.00	33.85 -0.06 0.00	32.11 0.01 0.00	36.31 0.10 0.00	71.09 0.27 0.00	84.22 0.47 0.00	48.70 0.33 0.00	36.78 0.22 0.00	51.34 0.35 0.00	45.34 0.26 0.18	44.78 0.28 0.00	52.40 0.37 0.00	49.69 0.45 1.71	72.82 0.66 4.57	129.50 1.09 6.34	80.04 0.74 0.88	62.76 0.58 0.00	79.83 0.73 0.01	77.37 0.64 0.57	61.80 0.53 0.00	52.91 0.52 0.00	52.69 0.58 0.00

BIXINCNT_115KV_LOAD 355685	33.84 -2.21 0.00	31.59 -2.35 0.00	29.74 -2.16 0.00	31.55 -2.36 0.00	29.97 -2.14 0.00	33.93 -2.29 0.00	66.53 -4.29 0.00	75.68 -5.85 2.21	45.08 -3.29 0.00	33.81 -2.75 0.00	47.50 -3.48 0.00	41.39 -3.37 0.50	41.07 -3.43 0.00	48.46 -3.57 0.00	40.88 -3.44 6.63	52.81 -5.34 18.57	100.19 -8.75 25.82	71.12 -5.52 3.53	57.01 -5.17 0.00	74.53 -4.55 0.03	70.82 -4.17 2.31	58.30 -2.97 0.00	51.09 -1.29 0.00	52.24 0.14 0.00
BLACK RIVER___HYD 24047	34.46 -1.58 0.00	32.47 -1.46 0.00	30.51 -1.39 0.00	32.49 -1.42 0.00	30.84 -1.25 0.00	34.91 -1.31 0.00	68.83 -1.99 0.00	81.77 -1.98 0.00	47.41 -0.96 0.00	35.75 -0.81 0.00	49.88 -1.11 0.00	44.25 -1.01 0.00	43.25 -1.25 0.00	51.00 -1.03 0.00	50.19 -0.76 0.00	75.70 -1.03 0.00	135.20 0.44 0.00	81.48 1.31 0.00	62.26 0.09 0.00	78.66 -0.44 0.00	76.28 -1.02 0.00	60.64 -0.64 0.00	51.42 -0.97 0.00	50.90 -1.21 0.00
BLACKRVR_115KV_TB2 79977	34.46 -1.58 0.00	32.47 -1.46 0.00	30.51 -1.39 0.00	32.49 -1.42 0.00	30.85 -1.25 0.00	34.91 -1.31 0.00	68.83 -1.99 0.00	81.76 -1.98 0.00	47.41 -0.96 0.00	35.75 -0.81 0.00	49.87 -1.11 0.00	44.25 -1.01 0.00	43.25 -1.24 0.00	51.00 -1.03 0.00	50.19 -0.76 0.00	75.70 -1.03 0.00	135.20 0.44 0.00	81.48 1.31 0.00	62.26 0.08 0.00	78.66 -0.44 0.00	76.29 -1.01 0.00	60.64 -0.64 0.00	51.42 -0.97 0.00	50.90 -1.21 0.00
BLDWN_LI_69_KV_BK4 356085	38.39 2.34 0.00	36.17 2.23 -0.01	33.86 1.95 0.00	35.96 2.06 0.00	34.00 1.90 0.00	38.37 2.16 0.00	74.91 4.09 0.00	88.53 4.79 0.00	50.79 2.42 0.00	38.60 2.04 0.00	54.87 3.88 -0.01	52.56 3.62 -3.68	55.76 3.35 -7.91	58.08 3.99 -2.05	57.14 4.05 -2.14	82.08 5.33 -0.02	144.30 9.54 0.00	86.04 5.87 0.00	66.44 4.26 0.00	87.31 5.57 -2.63	111.14 5.70 -28.14	79.58 4.29 -14.01	58.04 3.67 -1.98	56.15 3.48 -0.56
BLISS_WT_PWR 323608	33.59 -2.45 0.00	31.30 -2.63 0.00	29.49 -2.41 0.00	31.33 -2.58 0.00	29.76 -2.34 0.00	33.68 -2.54 0.00	66.09 -4.72 0.00	75.25 -6.29 2.21	44.73 -3.65 0.00	33.48 -3.08 0.00	47.04 -3.95 0.00	40.91 -3.85 0.50	40.64 -3.86 0.00	48.05 -3.98 0.00	40.50 -3.82 6.63	52.45 -5.70 18.57	99.94 -9.00 25.82	70.73 -5.91 3.53	56.47 -5.71 0.00	74.15 -4.93 0.03	70.54 -4.46 2.31	58.05 -3.22 0.00	50.91 -1.47 0.00	52.15 0.05 0.00
BLUESTONE___WT_PWR 323821	35.10 -0.94 0.00	33.15 -0.79 0.00	31.02 -0.88 0.00	33.14 -0.77 0.00	31.47 -0.63 0.00	35.71 -0.50 0.00	71.79 0.97 0.00	85.97 1.54 -0.69	49.21 0.84 0.00	36.24 -0.32 0.00	50.36 -0.62 0.00	44.79 -0.64 -0.18	44.08 -0.41 0.00	51.66 -0.37 0.00	53.84 -0.16 -3.05	83.83 0.29 -6.82	144.84 1.12 -8.97	82.59 1.09 -1.33	62.84 0.66 0.00	79.93 0.82 -0.01	78.32 0.15 -0.87	60.87 -0.41 0.00	52.05 -0.33 0.00	52.04 -0.06 0.00
BLUE_CIRC_CHEM_DRP 24182	37.02 0.98 0.00	34.86 0.92 0.00	32.76 0.87 0.00	34.86 0.94 0.00	32.97 0.87 0.00	37.14 0.93 0.00	72.25 1.43 0.00	85.34 1.60 0.00	49.36 0.99 0.00	37.39 0.83 0.00	51.81 0.83 0.00	46.01 0.75 0.00	45.34 0.85 0.00	52.92 0.89 0.00	51.83 0.88 0.00	78.43 1.71 0.00	137.80 3.04 0.00	81.74 1.57 0.00	63.52 1.34 0.00	80.70 1.60 0.00	78.99 1.69 0.00	62.57 1.30 0.00	53.42 1.04 0.00	53.01 0.91 0.00
BOC_GAS_DRP 24189	36.82 0.78 0.00	34.65 0.71 0.00	32.57 0.67 0.00	34.65 0.75 0.00	32.76 0.66 0.00	36.93 0.72 0.00	71.91 1.09 0.00	84.99 1.25 0.00	49.17 0.79 0.00	37.24 0.68 0.00	51.81 0.83 0.00	46.05 0.79 0.00	45.34 0.85 0.00	52.93 0.90 0.00	51.86 0.91 0.00	78.27 1.55 0.00	137.26 2.50 0.00	81.44 1.26 0.00	63.21 1.04 0.00	80.33 1.23 0.00	78.64 1.34 0.00	62.32 1.05 0.00	53.23 0.84 0.00	52.81 0.71 0.00
BOONVILLE_115KV_TB1 79983	35.99 -0.05 0.00	33.91 -0.02 0.00	31.89 -0.01 0.00	33.95 0.04 0.00	32.20 0.10 0.00	36.39 0.18 0.00	71.37 0.55 0.00	84.52 0.78 0.00	48.94 0.57 0.00	36.98 0.42 0.00	51.55 0.57 0.00	45.73 0.47 0.00	44.80 0.31 0.00	52.54 0.50 0.00	51.61 0.66 0.00	77.79 1.07 0.00	137.37 2.61 0.00	82.28 2.10 0.00	63.46 1.28 0.00	80.51 1.41 0.00	78.31 1.01 0.00	62.18 0.90 0.00	52.98 0.59 0.00	52.53 0.43 0.00
BORALEX_4TH_BRANCH 23824	37.85 1.81 0.00	35.59 1.66 0.00	33.46 1.56 0.00	35.60 1.69 0.00	33.68 1.58 0.00	37.98 1.76 0.00	73.81 2.99 0.00	87.15 3.41 0.00	50.71 2.34 0.00	38.25 1.69 0.00	52.97 1.98 0.00	46.91 1.66 0.00	46.34 1.85 0.00	53.94 1.90 0.00	52.92 1.97 0.00	80.38 3.66 0.00	140.40 5.64 0.00	82.93 2.75 0.00	64.78 2.60 0.00	82.39 3.29 0.00	80.82 3.52 0.00	64.06 2.79 0.00	54.72 2.34 0.00	54.10 2.00 0.00
BOWLINE___1 23526	37.88 1.84 0.00	35.57 1.64 0.00	33.41 1.52 0.00	35.49 1.58 0.00	33.60 1.51 0.00	37.99 1.78 0.00	74.51 3.69 0.00	87.97 4.22 0.00	50.47 2.10 0.00	38.19 1.62 0.00	53.49 2.51 0.00	47.60 2.35 0.00	46.95 2.46 0.00	54.99 2.95 0.00	53.87 2.92 0.00	81.00 4.28 0.00	142.10 7.35 0.00	84.51 4.34 0.00	65.23 3.06 0.00	82.91 3.80 0.00	80.98 3.68 0.00	64.24 2.97 0.00	54.89 2.51 0.00	54.36 2.26 0.00
BOWLINE___2 23595	37.87 1.83 0.00	35.56 1.63 0.00	33.40 1.51 0.00	35.48 1.57 0.00	33.60 1.51 0.00	37.98 1.77 0.00	74.49 3.67 0.00	87.96 4.21 0.00	50.49 2.12 0.00	38.24 1.68 0.00	53.56 2.58 0.00	47.66 2.40 0.00	46.95 2.46 0.00	54.96 2.93 0.00	53.86 2.91 0.00	80.97 4.25 0.00	142.04 7.28 0.00	84.48 4.30 0.00	65.21 3.03 0.00	82.88 3.77 0.00	80.96 3.65 0.00	64.21 2.94 0.00	54.88 2.50 0.00	54.34 2.24 0.00
BRADY___115KV_TB2 356060	36.46 0.42 0.00	34.34 0.40 0.00	32.28 0.39 0.00	34.31 0.40 0.00	32.51 0.41 0.00	36.73 0.51 0.00	72.12 1.30 0.00	85.56 1.81 0.00	49.28 0.91 0.00	37.13 0.57 0.00	51.74 0.76 0.00	45.88 0.62 0.00	44.98 0.49 0.00	52.74 0.70 0.00	51.47 0.52 0.00	77.13 0.41 0.00	135.86 1.10 0.00	81.07 0.90 0.00	62.85 0.67 0.00	80.23 1.13 0.00	78.35 1.05 0.00	62.29 1.02 0.00	53.29 0.91 0.00	53.13 1.03 0.00
BRANSCOMB___SOLAR 323811	37.99 1.95 0.00	35.72 1.79 0.00	33.57 1.67 0.00	35.73 1.82 0.00	33.84 1.75 0.00	38.32 2.10 0.00	74.75 3.93 0.00	88.23 4.48 0.00	51.06 2.68 0.00	38.50 1.94 0.00	53.46 2.48 0.00	47.33 2.08 0.00	46.75 2.26 0.00	54.56 2.52 0.00	53.57 2.62 0.00	81.29 4.57 0.00	142.52 7.77 0.00	84.54 4.36 0.00	65.80 3.63 0.00	83.65 4.54 0.00	81.75 4.45 0.00	64.71 3.43 0.00	55.22 2.83 0.00	54.66 2.55 0.00
BRDGHMPT_69_KV_BK1 55812	39.52 3.49 0.00	37.30 3.37 0.01	34.92 3.03 0.00	37.12 3.21 0.00	35.15 3.05 0.00	39.78 3.43 -0.14	86.47 6.63 -9.02	102.99 7.62 -11.62	56.54 3.80 -4.37	40.31 3.12 -0.63	56.56 5.58 0.00	49.48 4.90 0.67	47.37 4.32 1.45	60.57 5.55 -2.98	59.59 5.76 -2.88	92.95 7.73 -8.49	162.69 14.97 -12.95	99.01 9.31 -9.53	75.08 7.04 -5.87	99.41 8.86 -11.44	88.40 8.68 -2.42	70.00 6.49 -2.24	60.53 5.63 -2.51	57.28 5.22 0.04



BRENTWOD_69_KV_W. BRTWOOD 56703	38.55 2.51 0.00	36.34 2.41 0.00	34.01 2.11 0.00	36.14 2.23 0.00	34.18 2.07 0.00	38.67 2.34 -0.12	83.44 4.79 -7.84	99.43 5.59 -10.10	54.90 2.73 -3.80	39.38 2.27 -0.55	55.40 4.42 0.00	48.70 3.91 0.47	46.88 3.39 1.01	59.07 4.38 -2.66	58.07 4.54 -2.57	90.05 5.95 -7.38	157.16 11.15 -11.26	94.81 6.36 -8.28	72.14 4.86 -5.10	95.58 6.45 -10.03	86.84 6.52 -3.01	68.50 4.83 -2.40	58.83 4.20 -2.25	55.89 3.81 0.02
BRISTLHL_115KV_TB1 79998	35.14 -0.89 0.00	33.13 -0.81 0.00	31.15 -0.74 0.00	33.08 -0.83 0.00	31.34 -0.76 0.00	35.35 -0.87 0.00	69.16 -1.66 0.00	81.77 -1.98 0.00	47.35 -1.02 0.00	35.78 -0.78 0.00	49.88 -1.10 0.00	44.21 -1.04 0.00	43.45 -1.05 0.00	50.86 -1.17 0.00	49.82 -1.13 0.00	74.95 -1.78 0.00	131.77 -2.99 0.00	78.48 -1.70 0.00	60.84 -1.34 0.00	77.25 -1.86 0.00	75.48 -1.82 0.00	59.78 -1.50 0.00	51.13 -1.25 0.00	50.85 -1.25 0.00
BROOKHAVEN___DRP 24191	38.56 2.52 0.00	36.41 2.48 0.01	34.08 2.19 0.00	36.21 2.30 0.00	34.27 2.17 0.00	38.72 2.37 -0.14	84.42 4.44 -9.16	100.61 5.07 -11.80	55.18 2.37 -4.44	39.31 2.11 -0.64	55.22 4.24 0.00	48.38 3.80 0.68	46.31 3.28 1.46	59.26 4.20 -3.03	58.19 4.31 -2.92	90.79 5.44 -8.63	158.61 10.69 -13.15	96.45 6.60 -9.68	73.05 4.91 -5.96	96.93 6.20 -11.63	85.98 6.19 -2.49	68.16 4.59 -2.30	59.01 4.07 -2.56	55.80 3.73 0.03
BROOKLYN_NAVY_YARD 23515	38.06 2.02 0.00	35.69 1.75 0.00	33.52 1.63 0.00	35.59 1.69 0.00	33.74 1.65 0.00	38.15 1.93 0.00	74.77 3.95 0.00	88.41 4.66 0.00	50.87 2.50 0.00	39.55 2.12 -0.87	54.13 3.15 0.00	48.17 2.92 0.00	47.41 2.91 0.00	55.45 3.42 0.00	54.33 3.38 0.00	81.55 4.83 0.00	143.15 8.39 0.00	85.14 4.96 0.00	65.61 3.43 0.00	83.37 4.27 0.00	81.38 4.08 0.00	64.52 3.24 0.00	55.14 2.76 0.00	54.59 2.49 0.00
BROOKLYN___ARMY_DRP 323595	38.30 2.25 0.00	35.94 2.01 0.00	33.73 1.84 0.00	35.80 1.90 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.94 0.00	51.11 2.74 0.00	39.72 2.29 -0.87	54.41 3.43 0.00	48.47 3.21 0.00	47.67 3.17 0.00	55.74 3.70 0.00	54.58 3.63 0.00	81.84 5.11 0.00	143.62 8.86 0.00	85.47 5.29 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.41 0.00	64.87 3.59 0.00	55.51 3.12 0.00	54.94 2.85 0.00
BROOME_2_LFGE 323671	36.06 0.02 0.00	33.92 -0.01 0.00	31.87 -0.03 0.00	33.85 -0.06 0.00	32.11 0.01 0.00	36.31 0.10 0.00	71.09 0.27 0.00	84.21 0.47 0.00	48.70 0.33 0.00	36.78 0.22 0.00	51.34 0.36 0.18	45.34 0.26 0.00	44.78 0.29 0.00	52.40 0.37 0.00	49.69 0.44 1.71	72.82 0.66 4.57	129.50 1.09 6.34	80.04 0.73 0.88	62.75 0.57 0.00	79.82 0.72 0.01	77.37 0.63 0.57	61.80 0.53 0.00	52.90 0.52 0.00	52.68 0.58 0.00
BROOME___LFGE 323600	36.06 0.02 0.00	33.92 -0.01 0.00	31.87 -0.03 0.00	33.85 -0.06 0.00	32.11 0.01 0.00	36.31 0.10 0.00	71.09 0.27 0.00	84.21 0.47 0.00	48.70 0.33 0.00	36.78 0.22 0.00	51.34 0.36 0.18	45.34 0.26 0.00	44.78 0.29 0.00	52.40 0.37 0.00	49.69 0.44 1.71	72.82 0.66 4.57	129.50 1.09 6.34	80.04 0.73 0.88	62.75 0.57 0.00	79.82 0.72 0.01	77.37 0.63 0.57	61.80 0.53 0.00	52.90 0.52 0.00	52.68 0.58 0.00
BROWNFLS_115KV_TB 3_5 80003	35.05 -0.99 0.00	33.02 -0.91 0.00	31.05 -0.85 0.00	33.05 -0.86 0.00	31.35 -0.75 0.00	35.40 -0.81 0.00	69.33 -1.49 0.00	82.28 -1.47 0.00	47.59 -0.78 0.00	35.94 -0.62 0.00	50.19 -0.79 0.00	44.57 -0.68 0.00	43.61 -0.88 0.00	51.23 -0.81 0.00	50.18 -0.77 0.00	75.19 -1.53 0.00	132.66 -2.10 0.00	79.53 -0.65 0.00	61.22 -0.96 0.00	77.86 -1.25 0.00	75.85 -1.45 0.00	60.69 -0.58 0.00	51.79 -0.60 0.00	51.45 -0.66 0.00
BROWNSV1_27_KV_LOAD 356125	38.47 2.43 0.00	36.08 2.14 0.00	33.87 1.97 0.00	35.96 2.05 0.00	34.08 1.98 0.00	38.54 2.33 0.00	75.64 4.83 0.00	89.45 5.70 0.00	51.37 3.01 0.00	39.92 2.49 -0.87	54.72 3.73 0.00	48.69 3.44 0.00	47.93 3.44 0.00	56.05 4.02 0.00	54.92 3.97 0.00	82.48 5.76 0.00	144.81 10.06 0.00	86.17 5.99 0.00	66.37 4.20 0.00	84.39 5.29 0.00	82.35 5.05 0.00	65.29 4.02 0.00	55.79 3.41 0.00	55.25 3.15 0.00
BURROWS___LYONSDAL 23803	35.57 -0.47 0.00	33.53 -0.41 0.00	31.53 -0.36 0.00	33.58 -0.32 0.00	31.86 -0.24 0.00	36.00 -0.22 0.00	70.63 -0.19 0.00	83.65 -0.10 0.00	48.45 0.08 0.00	36.62 0.07 0.00	51.02 0.04 0.00	45.29 0.03 0.00	44.32 -0.17 0.00	52.02 -0.02 0.00	51.16 0.21 0.00	77.12 0.39 0.00	136.39 1.63 0.00	81.90 1.73 0.00	63.04 0.86 0.00	79.89 0.79 0.00	77.60 0.30 0.00	61.71 0.44 0.00	52.54 0.15 0.00	52.08 -0.02 0.00
CAITHNESS_CC_1 323624	38.44 2.40 0.00	36.28 2.35 0.01	33.96 2.06 0.00	36.09 2.18 0.00	34.14 2.04 0.00	38.59 2.23 -0.14	84.23 4.13 -9.28	100.42 4.71 -11.96	55.06 2.19 -4.50	39.20 1.99 -0.65	55.05 4.07 0.00	48.24 3.67 0.68	46.19 3.17 1.47	59.13 4.02 -3.07	58.04 4.12 -2.97	90.58 5.11 -8.74	158.11 10.02 -13.33	96.17 6.19 -9.81	72.80 4.59 -6.03	96.69 5.80 -11.78	85.60 5.74 -2.56	67.89 4.28 -2.34	58.77 3.80 -2.59	55.54 3.48 0.03
CALPINE BETH_PAGE_GT4 24209	38.24 2.20 0.00	36.04 2.10 0.00	33.73 1.83 0.00	35.84 1.93 0.00	33.90 1.80 0.00	38.24 2.03 0.00	74.63 3.81 0.00	88.15 4.40 0.00	50.48 2.11 0.00	38.41 1.84 0.00	54.59 3.60 0.00	49.64 3.38 -1.01	49.71 3.05 -2.17	56.25 3.66 -0.56	55.28 3.74 -0.59	81.60 4.88 -0.01	143.74 8.98 0.00	85.65 5.47 0.00	66.14 3.96 0.00	84.91 5.08 -0.72	90.21 5.19 -7.71	68.99 3.88 -3.84	56.29 3.36 -0.55	55.52 3.27 -0.15
CALPINE_BETH_PAGE_GT_4 323586	38.24 2.20 0.00	36.04 2.10 0.00	33.73 1.83 0.00	35.83 1.92 0.00	33.90 1.80 0.00	38.25 2.03 0.00	74.62 3.80 0.00	88.15 4.40 0.00	50.48 2.11 0.00	38.41 1.84 0.00	54.58 3.60 0.00	49.65 3.39 -1.01	49.71 3.05 -2.17	56.26 3.67 -0.56	55.28 3.74 -0.59	81.61 4.88 -0.01	143.74 8.98 0.00	85.65 5.47 0.00	66.13 3.95 0.00	84.91 5.09 -0.72	90.15 5.13 -7.71	68.96 3.85 -3.84	56.24 3.31 -0.55	55.50 3.24 -0.15
CALPINE_BP_GT1 23823	38.24 2.20 0.00	36.04 2.10 0.00	33.73 1.83 0.00	35.83 1.92 0.00	33.90 1.80 0.00	38.25 2.03 0.00	74.62 3.80 0.00	88.15 4.40 0.00	50.48 2.11 0.00	38.41 1.84 0.00	54.58 3.60 0.00	49.65 3.39 -1.01	49.71 3.05 -2.17	56.26 3.67 -0.56	55.28 3.74 -0.59	81.61 4.88 -0.01	143.74 8.98 0.00	85.65 5.47 0.00	66.13 3.95 0.00	84.91 5.09 -0.72	90.15 5.13 -7.71	68.96 3.85 -3.84	56.24 3.31 -0.55	55.50 3.24 -0.15
CALSPAN___DRP 24200	34.18 -1.87 0.00	32.11 -1.82 0.00	30.15 -1.75 0.00	31.82 -2.09 0.00	30.12 -1.98 0.00	34.08 -2.13 0.00	66.85 -3.97 0.00	76.14 -5.64 1.96	45.67 -2.70 0.00	34.48 -2.08 0.00	48.32 -2.66 0.00	42.38 -2.48 0.40	41.85 -2.65 0.00	49.06 -2.97 0.00	42.29 -3.01 5.65	55.05 -5.31 16.36	102.42 -9.48 22.86	72.10 -4.99 3.10	58.40 -3.78 0.00	74.86 -4.22 0.02	71.07 -4.21 2.02	58.29 -2.98 0.00	51.01 -1.38 0.00	51.95 -0.15 0.00

CALVERTON___SOLAR 323806	38.73 2.69 0.00	36.55 2.62 0.01	34.21 2.31 0.00	36.34 2.44 0.00	34.41 2.30 0.00	38.90 2.54 -0.14	84.71 4.78 -9.11	100.94 5.46 -11.73	55.35 2.56 -4.42	39.45 2.25 -0.64	55.42 4.44 0.00	48.52 3.94 0.68	46.45 3.41 1.46	59.44 4.39 -3.01	58.39 4.53 -2.91	91.10 5.80 -8.58	159.23 11.39 -13.08	96.85 7.05 -9.63	73.36 5.26 -5.92	97.32 6.66 -11.56	86.29 6.53 -2.46	68.42 4.87 -2.28	59.19 4.27 -2.54	56.00 3.93 0.04
CANDIGU_WT_PWR 323617	33.40 -2.64 0.00	31.39 -2.55 0.00	29.43 -2.47 0.00	31.05 -2.86 0.00	29.61 -2.49 0.00	33.66 -2.56 0.00	65.77 -5.05 0.00	72.30 -7.51 3.93	44.40 -3.97 0.00	33.27 -3.29 0.00	46.18 -4.81 0.00	39.64 -4.54 1.08	40.10 -4.39 0.00	47.10 -4.93 0.00	34.08 -5.09 11.77	39.08 -7.40 30.24	81.26 -12.88 40.61	67.43 -7.02 5.73	56.82 -5.36 0.00	72.46 -6.60 0.04	66.79 -6.77 3.74	56.47 -4.81 0.00	49.05 -3.34 0.00	50.01 -2.09 0.00
CARR STREET_E_SYR 24060	35.61 -0.43 0.00	33.56 -0.38 0.00	31.55 -0.35 0.00	33.50 -0.41 0.00	31.75 -0.35 0.00	35.83 -0.39 0.00	70.13 -0.70 0.00	82.88 -0.87 0.00	47.98 -0.39 0.00	36.27 -0.29 0.00	50.60 -0.38 0.00	44.87 -0.38 0.00	44.10 -0.39 0.00	51.60 -0.43 0.00	50.54 -0.41 0.00	76.05 -0.67 0.00	133.64 -1.12 0.00	79.55 -0.62 0.00	61.67 -0.51 0.00	78.39 -0.72 0.00	76.51 -0.80 0.00	60.59 -0.68 0.00	51.85 -0.53 0.00	51.61 -0.49 0.00
CARTHAGE___PAPER 23857	34.78 -1.25 0.00	32.78 -1.16 0.00	30.82 -1.08 0.00	32.83 -1.08 0.00	31.17 -0.93 0.00	35.25 -0.96 0.00	69.43 -1.38 0.00	82.44 -1.31 0.00	47.75 -0.62 0.00	36.01 -0.56 0.00	50.22 -0.76 0.00	44.63 -0.63 0.00	43.58 -0.91 0.00	51.33 -0.70 0.00	50.52 -0.43 0.00	76.12 -0.60 0.00	135.57 0.82 0.00	81.70 1.52 0.00	62.53 0.35 0.00	79.12 0.01 0.00	76.72 -0.58 0.00	61.08 -0.19 0.00	51.85 -0.54 0.00	51.34 -0.76 0.00
CASSADAGA_WT_PWR 323784	33.73 -2.31 0.00	31.69 -2.25 0.00	29.89 -2.01 0.00	31.71 -2.20 0.00	30.14 -1.96 0.00	34.21 -2.00 0.00	67.29 -3.53 0.00	76.05 -5.54 2.16	45.72 -2.65 0.00	34.63 -1.94 0.00	48.15 -2.83 0.00	41.96 -2.81 0.48	41.49 -3.00 0.00	48.42 -3.61 0.00	40.53 -3.99 6.42	53.16 -5.53 18.04	98.76 -10.86 25.14	70.81 -5.94 3.43	57.92 -4.25 0.00	74.71 -4.37 0.02	70.92 -4.14 2.24	58.61 -2.67 0.00	51.37 -1.02 0.00	52.47 0.37 0.00
CE_DUNWOOD___DRP 24194	38.01 1.97 0.00	35.68 1.75 0.00	33.51 1.62 0.00	35.60 1.69 0.00	33.71 1.61 0.00	38.11 1.89 0.00	74.71 3.89 0.00	88.26 4.51 0.00	50.68 2.31 0.00	38.45 1.89 0.00	53.90 2.91 0.00	47.94 2.69 0.00	47.19 2.69 0.00	55.21 3.18 0.00	54.11 3.16 0.00	81.33 4.61 0.00	142.72 7.96 0.00	84.90 4.72 0.00	65.50 3.32 0.00	83.27 4.16 0.00	81.30 3.99 0.00	64.46 3.19 0.00	55.08 2.70 0.00	54.54 2.44 0.00
CE_MILLWOOD___DRP 24193	37.95 1.91 0.00	35.63 1.70 0.00	33.46 1.57 0.00	35.56 1.64 0.00	33.67 1.57 0.00	38.05 1.84 0.00	74.59 3.77 0.00	88.14 4.39 0.00	50.61 2.24 0.00	38.38 1.82 0.00	53.78 2.80 0.00	47.84 2.58 0.00	47.09 2.60 0.00	55.11 3.07 0.00	54.01 3.06 0.00	81.18 4.45 0.00	142.45 7.69 0.00	84.73 4.55 0.00	65.40 3.22 0.00	83.12 4.01 0.00	81.16 3.86 0.00	64.36 3.09 0.00	55.00 2.61 0.00	54.46 2.36 0.00
CE_NYC2_DRP 24202	38.14 2.10 0.00	35.80 1.86 0.00	33.63 1.73 0.00	35.67 1.77 0.00	33.84 1.74 0.00	38.23 2.02 0.00	74.87 4.05 0.00	88.51 4.77 0.00	50.92 2.55 0.00	39.59 2.17 -0.85	54.25 3.27 0.00	48.30 3.05 0.00	47.52 3.02 0.00	55.58 3.55 0.00	54.44 3.49 0.00	81.69 4.97 0.00	143.34 8.59 0.00	85.21 5.03 0.00	65.67 3.49 0.00	83.42 4.31 0.00	81.42 4.12 0.00	64.59 3.32 0.00	55.25 2.87 0.00	54.70 2.60 0.00
CE_NYC_DRP 24195	38.20 2.16 0.00	35.82 1.89 0.00	33.64 1.74 0.00	35.71 1.80 0.00	33.85 1.75 0.00	38.27 2.06 0.00	75.08 4.26 0.00	88.76 5.01 0.00	50.98 2.61 0.00	39.25 2.19 -0.49	54.30 3.32 0.00	48.33 3.08 0.00	47.56 3.07 0.00	55.64 3.61 0.00	54.52 3.57 0.00	81.86 5.14 0.00	143.68 8.92 0.00	85.45 5.27 0.00	65.82 3.64 0.00	83.63 4.53 0.00	81.62 4.32 0.00	64.72 3.45 0.00	55.32 2.93 0.00	54.80 2.70 0.00
CHAFFEE___LFGE 323603	34.35 -1.68 0.00	32.29 -1.65 0.00	30.31 -1.59 0.00	31.99 -1.92 0.00	30.30 -1.80 0.00	34.28 -1.93 0.00	67.29 -3.53 0.00	76.52 -5.14 2.09	45.96 -2.41 0.00	34.72 -1.84 0.00	48.67 -2.31 0.00	42.63 -2.18 0.45	42.16 -2.34 0.00	49.37 -2.66 0.00	42.06 -2.75 6.14	54.30 -4.94 17.48	101.72 -8.68 24.36	72.36 -4.50 3.32	58.79 -3.38 0.00	75.36 -3.72 0.02	71.37 -3.77 2.17	58.66 -2.61 0.00	51.26 -1.13 0.00	52.14 0.04 0.00
CHATEAUG_35_KV_LOAD 355732	35.22 -0.82 0.00	33.14 -0.79 0.00	31.16 -0.74 0.00	33.15 -0.76 0.00	31.40 -0.70 0.00	35.40 -0.81 0.00	69.63 -1.19 0.00	82.57 -1.17 0.00	47.54 -0.83 0.00	35.80 -0.76 0.00	49.85 -1.13 0.00	44.34 -0.91 0.00	43.50 -0.99 0.00	50.96 -1.07 0.00	49.68 -1.27 0.00	74.53 -2.19 0.00	131.61 -3.15 0.00	78.54 -1.64 0.00	61.00 -1.18 0.00	77.89 -1.21 0.00	75.94 -1.36 0.00	60.27 -1.00 0.00	51.53 -0.86 0.00	51.34 -0.76 0.00
CHATEAUG_WT_PWR 323614	35.22 -0.83 0.00	33.14 -0.79 0.00	31.17 -0.73 0.00	33.16 -0.75 0.00	31.40 -0.69 0.00	35.40 -0.81 0.00	69.55 -1.27 0.00	82.48 -1.26 0.00	47.50 -0.87 0.00	35.80 -0.76 0.00	49.86 -1.12 0.00	44.37 -0.89 0.00	43.53 -0.97 0.00	50.96 -1.07 0.00	49.70 -1.25 0.00	74.56 -2.17 0.00	131.55 -3.20 0.00	78.50 -1.68 0.00	60.94 -1.24 0.00	77.78 -1.32 0.00	75.87 -1.43 0.00	60.25 -1.03 0.00	51.50 -0.89 0.00	51.32 -0.78 0.00
CHAT_HIGH_FALL_HYD 323578	35.22 -0.82 0.00	33.14 -0.79 0.00	31.16 -0.74 0.00	33.15 -0.76 0.00	31.40 -0.70 0.00	35.40 -0.81 0.00	69.63 -1.19 0.00	82.57 -1.17 0.00	47.54 -0.83 0.00	35.80 -0.76 0.00	49.85 -1.13 0.00	44.34 -0.91 0.00	43.50 -0.99 0.00	50.96 -1.07 0.00	49.68 -1.27 0.00	74.53 -2.19 0.00	131.61 -3.15 0.00	78.54 -1.64 0.00	61.00 -1.18 0.00	77.89 -1.21 0.00	75.94 -1.36 0.00	60.27 -1.00 0.00	51.53 -0.86 0.00	51.34 -0.76 0.00
CHAUTAUQUA___LFGE 323629	33.91 -2.12 0.00	31.85 -2.08 0.00	29.96 -1.93 0.00	31.71 -2.20 0.00	30.11 -1.99 0.00	34.15 -2.07 0.00	67.01 -3.81 0.00	75.84 -5.86 2.04	45.61 -2.77 0.00	34.51 -2.05 0.00	48.24 -2.74 0.00	42.14 -2.67 0.44	41.65 -2.85 0.00	48.69 -3.34 0.00	41.29 -3.64 6.02	53.92 -5.73 17.08	100.31 -10.59 23.86	71.35 -5.59 3.24	58.07 -4.10 0.00	74.71 -4.38 0.02	70.86 -4.33 2.12	58.37 -2.90 0.00	51.04 -1.34 0.00	52.01 -0.09 0.00
CHERRYST_13_KV_LD 356241	38.28 2.24 0.00	35.90 1.97 0.00	33.71 1.81 0.00	35.79 1.88 0.00	33.92 1.83 0.00	38.36 2.14 0.00	75.28 4.46 0.00	89.00 5.25 0.00	51.13 2.75 0.00	39.36 2.31 -0.49	54.47 3.49 0.00	48.48 3.23 0.00	47.71 3.21 0.00	55.80 3.77 0.00	54.68 3.73 0.00	82.12 5.39 0.00	144.14 9.39 0.00	85.71 5.53 0.00	66.00 3.82 0.00	83.86 4.76 0.00	81.84 4.54 0.00	64.88 3.61 0.00	55.45 3.06 0.00	54.93 2.83 0.00

CHESTROR_138KV_BK263 355645	37.73 1.69 0.00	35.44 1.51 0.00	33.29 1.40 0.00	35.37 1.46 0.00	33.50 1.40 0.00	37.86 1.65 0.00	74.23 3.41 0.00	87.69 3.95 0.00	50.42 2.05 0.00	38.19 1.63 0.00	53.44 2.45 0.00	47.50 2.25 0.00	46.77 2.28 0.00	54.75 2.71 0.00	53.66 2.71 0.00	80.71 3.99 0.00	141.61 6.86 0.00	84.22 4.05 0.00	65.06 2.89 0.00	82.73 3.62 0.00	80.81 3.51 0.00	64.08 2.81 0.00	54.74 2.36 0.00	54.23 2.13 0.00
CH_MIDHUDSON___DRP 24192	37.90 1.86 0.00	35.59 1.65 0.00	33.42 1.52 0.00	35.53 1.62 0.00	33.64 1.54 0.00	38.02 1.80 0.00	74.52 3.70 0.00	88.06 4.32 0.00	50.63 2.26 0.00	38.37 1.81 0.00	53.70 2.72 0.00	47.73 2.48 0.00	47.00 2.50 0.00	54.96 2.93 0.00	53.88 2.93 0.00	81.14 4.41 0.00	142.40 7.64 0.00	84.70 4.52 0.00	65.44 3.27 0.00	83.20 4.09 0.00	81.23 3.92 0.00	64.39 3.11 0.00	54.98 2.60 0.00	54.43 2.33 0.00
CH_MISC_IPPS 23765	38.13 2.09 0.00	35.79 1.86 0.00	33.63 1.73 0.00	35.73 1.82 0.00	33.84 1.74 0.00	38.26 2.05 0.00	75.06 4.24 0.00	88.73 4.98 0.00	51.01 2.64 0.00	38.64 2.08 0.00	54.09 3.11 0.00	48.07 2.81 0.00	47.31 2.82 0.00	55.35 3.32 0.00	54.26 3.31 0.00	81.71 4.99 0.00	143.50 8.74 0.00	85.37 5.19 0.00	65.94 3.76 0.00	83.83 4.72 0.00	81.84 4.54 0.00	64.84 3.56 0.00	55.36 2.98 0.00	54.80 2.71 0.00
CH_RES_BVR_FALLS 23983	35.27 -0.77 0.00	33.26 -0.67 0.00	31.29 -0.61 0.00	33.33 -0.58 0.00	31.54 -0.56 0.00	35.51 -0.71 0.00	69.47 -1.35 0.00	82.10 -1.65 0.00	47.44 -0.94 0.00	35.82 -0.74 0.00	49.99 -0.99 0.00	44.41 -0.84 0.00	43.45 -1.04 0.00	50.94 -1.09 0.00	49.95 -1.00 0.00	75.18 -1.55 0.00	132.29 -2.47 0.00	79.21 -0.97 0.00	61.27 -0.91 0.00	78.18 -0.93 0.00	76.40 -0.91 0.00	60.46 -0.81 0.00	51.47 -0.92 0.00	51.42 -0.68 0.00
CH_RES_NIAGARA 23895	33.40 -2.64 0.00	31.43 -2.51 0.00	29.50 -2.39 0.00	31.11 -2.80 0.00	29.37 -2.72 0.00	33.11 -3.10 0.00	64.96 -5.86 0.00	74.32 -7.77 0.00	44.55 -3.82 0.00	33.69 -2.87 0.00	47.31 -3.67 0.00	41.60 -3.32 0.00	40.91 -3.59 0.00	47.88 -4.15 0.00	42.08 -4.13 0.00	55.23 -7.70 0.00	101.83 -13.39 0.00	70.16 -7.42 0.00	56.60 -5.58 0.00	72.38 -6.70 0.00	69.11 -6.50 0.00	56.51 -4.76 0.00	49.83 -2.56 0.00	50.79 -1.31 0.00
CH_RES_SYRACUSE 23985	35.82 -0.22 0.00	33.77 -0.16 0.00	31.74 -0.16 0.00	33.72 -0.20 0.00	31.95 -0.15 0.00	36.07 -0.15 0.00	70.59 -0.23 0.00	83.42 -0.32 0.00	48.28 -0.09 0.00	36.49 -0.08 0.00	50.90 -0.08 0.00	45.18 -0.14 0.00	44.35 -0.15 0.00	51.90 -0.13 0.00	51.83 -0.10 0.00	78.90 -0.20 0.00	137.65 -0.29 0.00	80.50 -0.14 0.00	62.09 -0.09 0.00	78.87 -0.23 0.00	77.28 -0.32 0.00	60.97 -0.30 0.00	52.18 -0.21 0.00	51.90 -0.20 0.00
CLINTON_WT_PWR 323605	35.22 -0.83 0.00	33.14 -0.79 0.00	31.17 -0.73 0.00	33.16 -0.75 0.00	31.40 -0.69 0.00	35.40 -0.81 0.00	69.55 -1.27 0.00	82.48 -1.26 0.00	47.50 -0.87 0.00	35.80 -0.76 0.00	49.86 -1.12 0.00	44.37 -0.89 0.00	43.53 -0.97 0.00	50.96 -1.07 0.00	49.70 -1.25 0.00	74.56 -2.17 0.00	131.55 -3.20 0.00	78.50 -1.68 0.00	60.94 -1.24 0.00	77.78 -1.32 0.00	75.87 -1.43 0.00	60.25 -1.03 0.00	51.50 -0.89 0.00	51.32 -0.78 0.00
CLINTON___LFGE 323618	35.60 -0.43 0.00	33.51 -0.43 0.00	31.49 -0.41 0.00	33.51 -0.40 0.00	31.74 -0.36 0.00	35.81 -0.40 0.00	70.47 -0.36 0.00	83.59 -0.15 0.00	48.14 -0.23 0.00	36.21 -0.36 0.00	50.41 -0.57 0.00	44.77 -0.49 0.00	43.88 -0.61 0.00	51.50 -0.53 0.00	50.26 -0.70 0.00	75.48 -1.24 0.00	133.47 -1.29 0.00	79.70 -0.47 0.00	61.87 -0.30 0.00	79.00 -0.11 0.00	77.00 -0.31 0.00	61.05 -0.23 0.00	52.15 -0.24 0.00	51.96 -0.13 0.00
COBBLENY_34_KV_TB1 80064	34.35 -1.69 0.00	32.29 -1.64 0.00	30.30 -1.59 0.00	31.98 -1.92 0.00	30.29 -1.81 0.00	34.30 -1.92 0.00	67.29 -3.54 0.00	76.54 -5.12 0.00	45.96 -2.41 0.00	34.72 -1.84 0.00	48.67 -2.31 0.00	42.64 -2.17 0.00	42.15 -2.34 0.00	49.37 -2.66 0.00	42.10 -2.71 0.00	54.35 -4.90 0.00	101.71 -8.69 0.00	72.37 -4.49 0.00	58.79 -3.38 0.00	75.38 -3.71 0.00	71.40 -3.73 0.00	58.66 -2.62 0.00	51.26 -1.12 0.00	52.13 0.03 0.00
COFFEEN___115KV_TB3 355620	34.68 -1.36 0.00	32.68 -1.26 0.00	30.70 -1.19 0.00	32.69 -1.22 0.00	31.04 -1.06 0.00	35.14 -1.07 0.00	69.34 -1.48 0.00	82.45 -1.30 0.00	47.80 -0.57 0.00	36.03 -0.53 0.00	50.23 -0.75 0.00	44.57 -0.69 0.00	43.58 -0.92 0.00	51.41 -0.62 0.00	50.60 -0.35 0.00	76.34 -0.38 0.00	136.36 1.61 0.00	81.90 1.72 0.00	62.62 0.44 0.00	79.15 0.04 0.00	76.76 -0.54 0.00	60.96 -0.32 0.00	51.68 -0.70 0.00	51.16 -0.94 0.00
COLDSPRG_115KV_BK1 355956	34.90 -1.14 0.00	32.76 -1.17 0.00	30.81 -1.08 0.00	32.61 -1.30 0.00	31.03 -1.08 0.00	35.24 -0.97 0.00	69.03 -1.79 0.00	78.02 -3.40 0.00	46.84 -1.53 0.00	35.48 -1.09 0.00	49.67 -1.31 0.00	43.40 -1.32 0.00	42.98 -1.51 0.00	50.20 -1.83 0.00	41.72 -2.16 0.00	53.58 -3.59 0.00	100.23 -7.37 0.00	72.65 -3.80 0.00	59.38 -2.79 0.00	76.52 -2.56 0.00	72.51 -2.36 0.00	59.99 -1.29 0.00	52.39 0.01 0.00	53.20 1.10 0.00
COLONIE_LFGE___ 323577	37.36 1.32 0.00	35.14 1.21 0.00	33.02 1.12 0.00	35.16 1.25 0.00	33.27 1.17 0.00	37.54 1.33 0.00	73.11 2.29 0.00	86.37 2.62 0.00	50.06 1.69 0.00	37.83 1.27 0.00	52.51 1.53 0.00	46.58 1.32 0.00	45.97 1.47 0.00	53.57 1.54 0.00	52.55 1.60 0.00	79.57 2.85 0.00	139.42 4.66 0.00	82.60 2.42 0.00	64.28 2.10 0.00	81.72 2.62 0.00	79.98 2.68 0.00	63.34 2.07 0.00	54.09 1.70 0.00	53.58 1.48 0.00
COOPERNY_115KV_TB1 80082	37.33 1.29 0.00	35.09 1.16 0.00	32.96 1.07 0.00	35.04 1.13 0.00	33.17 1.07 0.00	37.49 1.27 0.00	73.63 2.82 0.00	87.06 3.31 0.00	50.08 1.71 0.00	37.83 1.26 0.00	52.88 1.90 0.00	46.99 1.74 0.00	46.25 1.75 0.00	54.13 2.10 0.00	53.04 2.09 0.00	79.81 3.09 0.00	140.00 5.24 0.00	83.26 3.09 0.00	64.40 2.22 0.00	81.89 2.79 0.00	80.02 2.71 0.00	63.43 2.16 0.00	54.21 1.83 0.00	53.76 1.66 0.00
COPENHAGEN_WT_PWR 323753	34.05 -1.98 0.00	32.09 -1.85 0.00	30.16 -1.74 0.00	32.13 -1.79 0.00	30.50 -1.60 0.00	34.49 -1.73 0.00	67.96 -2.87 0.00	80.68 -3.07 0.00	46.80 -1.58 0.00	35.31 -1.25 0.00	49.27 -1.72 0.00	43.71 -1.55 0.00	42.72 -1.78 0.00	50.37 -1.66 0.00	49.57 -1.38 0.00	74.79 -1.93 0.00	133.78 -0.97 0.00	80.74 0.56 0.00	61.53 -0.65 0.00	77.63 -1.48 0.00	75.28 -2.02 0.00	59.89 -1.39 0.00	50.77 -1.61 0.00	50.29 -1.81 0.00
CORNELL_____ 23752	36.48 0.44 0.00	34.34 0.41 0.00	32.25 0.35 0.00	34.24 0.33 0.00	32.51 0.40 0.00	36.79 0.57 0.00	72.08 1.26 0.00	90.90 1.43 0.00	49.29 0.92 0.00	37.19 0.63 0.00	51.85 0.87 0.00	47.59 0.67 0.00	45.17 0.67 0.00	52.87 0.83 0.00	75.37 0.92 0.00	134.41 1.45 0.00	212.64 2.77 0.00	92.84 1.76 0.00	63.59 1.41 0.00	80.95 1.76 0.00	85.91 1.49 0.00	62.38 1.11 0.00	53.38 1.00 0.00	53.20 1.10 0.00

CORONA__69_KV_TB1 355595	38.38 2.32 -0.03	36.20 2.23 -0.04	33.87 1.96 -0.02	35.98 2.07 0.00	34.02 1.92 0.00	38.39 2.18 0.00	75.13 4.31 0.00	88.75 5.01 0.00	50.77 2.40 0.00	38.63 2.07 0.00	54.86 3.86 -0.02	56.38 3.63 -7.50	63.99 3.38 -16.11	60.26 4.05 -4.18	59.37 4.07 -4.36	82.10 5.33 -0.04	144.50 9.74 -0.01	86.13 5.95 0.00	66.49 4.30 0.00	89.95 5.48 -5.36	140.16 5.54 -57.32	94.03 4.21 -28.56	60.06 3.63 -4.04	56.69 3.45 -1.15
CORTLAND__115KV_TB3 80093	36.33 0.28 0.00	34.20 0.27 0.00	32.13 0.24 0.00	34.15 0.24 0.00	32.39 0.28 0.00	36.62 0.40 0.00	71.72 0.90 0.00	86.40 1.05 -1.60	49.06 0.69 0.00	37.05 0.49 0.00	51.70 0.72 0.00	46.27 0.56 -0.45	45.04 0.55 0.00	52.73 0.69 0.00	59.47 0.74 -7.77	93.34 1.15 -15.47	157.48 2.10 -20.62	84.48 1.31 -3.00	63.18 1.01 0.00	80.38 1.26 -0.02	80.35 1.09 -1.96	62.08 0.80 0.00	53.07 0.69 0.00	52.77 0.67 0.00
COXSACKIE__GT 23611	38.25 2.21 0.00	35.99 2.05 0.00	33.81 1.92 0.00	35.97 2.06 0.00	34.07 1.97 0.00	38.49 2.27 0.00	75.13 4.31 0.00	89.31 5.57 0.00	52.38 4.01 0.00	39.69 3.13 0.00	54.30 3.32 0.00	48.35 3.10 0.00	47.25 2.76 0.00	55.00 2.96 0.00	54.23 3.28 0.00	82.12 5.40 0.00	146.73 11.97 0.00	87.62 7.44 0.00	68.07 5.89 0.00	86.18 7.08 0.00	84.06 6.76 0.00	66.33 5.06 0.00	56.40 4.01 0.00	55.75 3.65 0.00
CPV_VALLEY__CC1 323721	37.57 1.53 0.00	35.30 1.37 0.00	33.16 1.27 0.00	35.24 1.33 0.00	33.37 1.26 0.00	37.71 1.50 0.00	73.89 3.07 0.00	87.30 3.56 0.00	50.20 1.83 0.00	38.03 1.46 0.00	53.20 2.22 0.00	47.30 2.05 0.00	46.57 2.08 0.00	54.50 2.46 0.00	53.40 2.45 0.00	80.33 3.61 0.00	140.92 6.16 0.00	83.82 3.64 0.00	64.77 2.59 0.00	82.34 3.24 0.00	80.45 3.15 0.00	63.79 2.52 0.00	54.51 2.13 0.00	54.01 1.91 0.00
CPV_VALLEY__CC2 323722	37.57 1.53 0.00	35.30 1.37 0.00	33.16 1.27 0.00	35.24 1.33 0.00	33.37 1.26 0.00	37.71 1.50 0.00	73.89 3.07 0.00	87.30 3.56 0.00	50.20 1.83 0.00	38.03 1.46 0.00	53.20 2.22 0.00	47.30 2.05 0.00	46.57 2.08 0.00	54.50 2.46 0.00	53.40 2.45 0.00	80.33 3.61 0.00	140.92 6.16 0.00	83.82 3.64 0.00	64.77 2.59 0.00	82.34 3.24 0.00	80.45 3.15 0.00	63.79 2.52 0.00	54.51 2.13 0.00	54.01 1.91 0.00
CRESCENT__HYD 24018	37.36 1.32 0.00	35.14 1.21 0.00	33.02 1.12 0.00	35.16 1.25 0.00	33.27 1.17 0.00	37.54 1.33 0.00	73.11 2.29 0.00	86.37 2.62 0.00	50.06 1.69 0.00	37.83 1.27 0.00	52.51 1.53 0.00	46.58 1.32 0.00	45.97 1.47 0.00	53.57 1.54 0.00	52.55 1.60 0.00	79.57 2.85 0.00	139.42 4.66 0.00	82.60 2.42 0.00	64.28 2.10 0.00	81.72 2.62 0.00	79.98 2.68 0.00	63.34 2.07 0.00	54.09 1.70 0.00	53.58 1.48 0.00
CRICKET__VALLEY_CC1 323756	37.40 1.36 0.00	35.12 1.19 0.00	33.00 1.10 0.00	35.10 1.19 0.00	33.19 1.09 0.00	37.51 1.29 0.00	73.42 2.60 0.00	86.74 3.00 0.00	49.91 1.54 0.00	37.84 1.28 0.00	52.98 2.00 0.00	47.11 1.86 0.00	46.38 1.88 0.00	54.24 2.21 0.00	53.16 2.21 0.00	77.18 3.25 2.78	140.26 5.50 0.00	83.38 3.20 0.00	64.41 2.23 0.00	81.90 2.80 0.00	80.01 2.70 0.00	63.43 2.16 0.00	54.19 1.81 0.00	53.66 1.56 0.00
CRICKET__VALLEY_CC2 323757	37.40 1.36 0.00	35.12 1.19 0.00	33.00 1.10 0.00	35.10 1.19 0.00	33.19 1.09 0.00	37.51 1.29 0.00	73.42 2.60 0.00	86.74 3.00 0.00	49.91 1.54 0.00	37.84 1.28 0.00	52.98 2.00 0.00	47.11 1.86 0.00	46.38 1.88 0.00	54.24 2.21 0.00	53.16 2.21 0.00	79.91 3.25 0.06	140.26 5.50 0.00	83.38 3.20 0.00	64.41 2.23 0.00	81.90 2.80 0.00	80.01 2.70 0.00	63.43 2.16 0.00	54.19 1.81 0.00	53.66 1.56 0.00
CRICKET__VALLEY_CC3 323758	37.40 1.36 0.00	35.12 1.19 0.00	33.00 1.10 0.00	35.10 1.19 0.00	33.19 1.09 0.00	37.51 1.29 0.00	73.42 2.60 0.00	86.74 3.00 0.00	49.91 1.54 0.00	37.84 1.28 0.00	52.98 2.00 0.00	47.11 1.86 0.00	46.38 1.88 0.00	54.24 2.21 0.00	53.16 2.21 0.00	77.24 3.25 2.73	140.26 5.50 0.00	83.38 3.20 0.00	64.41 2.23 0.00	81.90 2.80 0.00	80.01 2.70 0.00	63.43 2.16 0.00	54.19 1.81 0.00	53.66 1.56 0.00
CRUCIBLE_METL_DRP 24180	35.82 -0.22 0.00	33.77 -0.16 0.00	31.74 -0.16 0.00	33.71 -0.20 0.00	31.95 -0.15 0.00	36.07 -0.15 0.00	70.59 -0.23 0.00	83.42 -0.32 0.00	48.28 -0.09 0.00	36.49 -0.07 0.00	50.90 -0.08 0.00	45.18 -0.14 -0.07	44.34 -0.15 0.00	51.90 -0.13 0.00	51.83 -0.10 -0.98	78.91 -0.19 -2.37	137.65 -0.29 -3.18	80.50 -0.14 -0.46	62.09 -0.09 0.00	78.87 -0.23 0.00	77.29 -0.31 -0.30	60.97 -0.30 0.00	52.18 -0.21 0.00	51.90 -0.20 0.00
DAHOWA__HYDRO 323763	38.20 2.16 0.00	35.92 1.99 0.00	33.75 1.85 0.00	35.92 2.01 0.00	34.04 1.94 0.00	38.57 2.36 0.00	75.25 4.43 0.00	88.80 5.05 0.00	51.39 3.02 0.00	38.76 2.20 0.00	53.80 2.82 0.00	47.61 2.36 0.00	47.03 2.53 0.00	54.88 2.84 0.00	53.91 2.96 0.00	81.86 5.14 0.00	143.48 8.72 0.00	85.15 4.97 0.00	66.30 4.12 0.00	84.28 5.18 0.00	82.33 5.03 0.00	65.14 3.87 0.00	55.57 3.18 0.00	54.98 2.88 0.00
DANC__LFGE 323619	34.48 -1.56 0.00	32.50 -1.43 0.00	30.54 -1.35 0.00	32.49 -1.42 0.00	30.82 -1.28 0.00	34.82 -1.40 0.00	68.45 -2.37 0.00	81.12 -2.62 0.00	47.02 -1.36 0.00	35.48 -1.08 0.00	49.51 -1.48 0.00	43.91 -1.34 0.00	43.00 -1.50 0.00	50.55 -1.48 0.00	49.67 -1.28 0.00	74.85 -1.87 0.00	133.05 -1.71 0.00	79.85 -0.33 0.00	61.26 -0.92 0.00	77.50 -1.61 0.00	75.36 -1.95 0.00	59.84 -1.43 0.00	50.90 -1.49 0.00	50.49 -1.61 0.00
DANSKAMMER__1 23586	38.13 2.09 0.00	35.79 1.86 0.00	33.63 1.73 0.00	35.73 1.82 0.00	33.84 1.74 0.00	38.26 2.05 0.00	75.06 4.24 0.00	88.73 4.98 0.00	51.01 2.64 0.00	38.64 2.08 0.00	54.09 3.11 0.00	48.07 2.81 0.00	47.31 2.82 0.00	55.35 3.32 0.00	54.26 3.31 0.00	81.71 4.99 0.00	143.50 8.74 0.00	85.37 5.19 0.00	65.94 3.76 0.00	83.83 4.72 0.00	81.84 4.54 0.00	64.84 3.56 0.00	55.36 2.98 0.00	54.80 2.71 0.00
DANSKAMMER__2 23589	38.13 2.09 0.00	35.79 1.86 0.00	33.63 1.73 0.00	35.73 1.82 0.00	33.84 1.74 0.00	38.26 2.05 0.00	75.06 4.24 0.00	88.73 4.98 0.00	51.01 2.64 0.00	38.64 2.08 0.00	54.09 3.11 0.00	48.07 2.81 0.00	47.31 2.82 0.00	55.35 3.32 0.00	54.26 3.31 0.00	81.71 4.99 0.00	143.50 8.74 0.00	85.37 5.19 0.00	65.94 3.76 0.00	83.83 4.72 0.00	81.84 4.54 0.00	64.84 3.56 0.00	55.36 2.98 0.00	54.80 2.71 0.00
DANSKAMMER__3 23590	38.13 2.09 0.00	35.79 1.86 0.00	33.63 1.73 0.00	35.73 1.82 0.00	33.84 1.74 0.00	38.26 2.05 0.00	75.06 4.24 0.00	88.73 4.98 0.00	51.01 2.64 0.00	38.64 2.08 0.00	54.09 3.11 0.00	48.07 2.81 0.00	47.31 2.82 0.00	55.35 3.32 0.00	54.26 3.31 0.00	81.71 4.99 0.00	143.50 8.74 0.00	85.37 5.19 0.00	65.94 3.76 0.00	83.83 4.72 0.00	81.84 4.54 0.00	64.84 3.56 0.00	55.36 2.98 0.00	54.80 2.71 0.00

DANSKAMMER___4 23591	38.13 2.09 0.00	35.79 1.86 0.00	33.63 1.73 0.00	35.73 1.82 0.00	33.84 1.74 0.00	38.26 2.05 0.00	75.06 4.24 0.00	88.73 4.98 0.00	51.01 2.64 0.00	38.64 2.08 0.00	54.09 3.11 0.00	48.07 2.81 0.00	47.31 2.82 0.00	55.35 3.32 0.00	54.26 3.31 0.00	81.71 4.99 0.00	143.50 8.74 0.00	85.37 5.19 0.00	65.94 3.76 0.00	83.83 4.72 0.00	81.84 4.54 0.00	64.84 3.56 0.00	55.36 2.98 0.00	54.80 2.71 0.00
DANSKAMMER___DIESEL 23592	38.13 2.09 0.00	35.79 1.86 0.00	33.63 1.73 0.00	35.73 1.83 0.00	33.84 1.74 0.00	38.26 2.05 0.00	75.06 4.24 0.00	88.73 4.98 0.00	51.00 2.64 0.00	38.63 2.07 0.00	54.09 3.11 0.00	48.07 2.81 0.00	47.32 2.82 0.00	55.34 3.31 0.00	54.27 3.32 0.00	81.72 5.00 0.00	143.50 8.74 0.00	85.37 5.19 0.00	65.94 3.76 0.00	83.83 4.72 0.00	81.84 4.54 0.00	64.85 3.58 0.00	55.37 2.99 0.00	54.80 2.70 0.00
DARBY___SOLAR 323810	38.03 1.99 0.00	35.76 1.82 0.00	33.60 1.71 0.00	35.77 1.86 0.00	33.88 1.79 0.00	38.37 2.15 0.00	74.84 4.02 0.00	88.35 4.61 0.00	51.11 2.74 0.00	38.56 2.00 0.00	53.52 2.54 0.00	47.36 2.11 0.00	46.81 2.32 0.00	54.61 2.58 0.00	53.64 2.68 0.00	81.42 4.69 0.00	142.68 7.92 0.00	84.65 4.48 0.00	65.91 3.73 0.00	83.80 4.69 0.00	81.88 4.58 0.00	64.78 3.51 0.00	55.27 2.89 0.00	54.73 2.63 0.00
DASHVILLE___HYD 23610	37.69 1.65 0.00	35.38 1.45 0.00	33.23 1.33 0.00	35.34 1.43 0.00	33.45 1.35 0.00	37.82 1.60 0.00	74.20 3.39 0.00	87.75 4.00 0.00	50.49 2.11 0.00	38.22 1.66 0.00	53.48 2.50 0.00	47.52 2.26 0.00	46.74 2.24 0.00	54.64 2.61 0.00	53.60 2.65 0.00	80.74 4.02 0.00	141.84 7.08 0.00	84.34 4.16 0.00	65.19 3.01 0.00	82.85 3.74 0.00	80.93 3.63 0.00	64.13 2.86 0.00	54.75 2.36 0.00	54.19 2.10 0.00
DELAWARE___LFGE 323621	36.91 0.87 0.00	34.72 0.79 0.00	32.63 0.73 0.00	34.72 0.81 0.00	32.85 0.75 0.00	37.21 0.99 0.00	74.92 4.10 0.00	88.73 4.61 -0.37	50.86 2.49 0.00	37.58 1.01 0.00	52.47 1.48 0.00	46.60 1.35 0.00	45.87 1.37 0.00	53.66 1.63 0.00	52.59 1.64 0.00	79.21 2.48 0.00	138.92 4.16 0.00	82.57 2.40 0.00	63.99 1.82 0.00	81.39 2.29 0.00	79.57 2.27 0.00	62.99 1.72 0.00	53.82 1.43 0.00	53.44 1.34 0.00
DERFIELD_115KV_TB7 355931	36.22 0.17 0.00	34.09 0.15 0.00	32.06 0.16 0.00	34.08 0.17 0.00	32.26 0.16 0.00	36.38 0.17 0.00	71.06 0.24 0.00	84.00 0.25 0.00	48.54 0.17 0.00	36.72 0.16 0.00	51.19 0.20 0.00	45.44 0.18 0.00	44.68 0.19 0.00	52.24 0.21 0.00	51.17 0.22 0.00	77.15 0.43 0.00	135.43 0.67 0.00	80.57 0.39 0.00	62.48 0.30 0.00	79.43 0.33 0.00	77.67 0.37 0.00	61.57 0.30 0.00	52.60 0.21 0.00	52.27 0.16 0.00
DOGLEVILLE___HYD 23807	38.58 2.54 0.00	36.20 2.26 0.00	34.01 2.12 0.00	36.23 2.32 0.00	34.32 2.21 0.00	38.85 2.63 0.00	76.09 5.27 0.00	89.93 6.18 0.00	51.83 3.46 0.00	38.95 2.39 0.00	54.02 3.04 0.00	47.72 2.47 0.00	47.10 2.60 0.00	54.65 2.62 0.00	53.56 2.61 0.00	82.12 5.40 0.00	145.10 10.34 0.00	86.31 6.14 0.00	67.28 5.10 0.00	85.64 6.54 0.00	83.62 6.31 0.00	66.09 4.82 0.00	56.10 3.72 0.00	55.38 3.28 0.00
DUNKIRK___115KV_TB_200 55889	33.97 -2.07 0.00	31.90 -2.04 0.00	30.00 -1.90 0.00	31.74 -2.17 0.00	30.12 -1.98 0.00	34.19 -2.03 0.00	67.02 -3.80 0.00	75.88 -5.84 2.03	45.62 -2.75 0.00	34.52 -2.04 0.00	48.27 -2.71 0.00	42.20 -2.62 0.44	41.68 -2.82 0.00	48.75 -3.28 0.00	41.45 -3.53 5.98	54.07 -5.66 16.99	100.54 -10.48 23.73	71.42 -5.53 3.22	58.12 -4.06 0.00	74.73 -4.35 0.02	70.87 -4.33 2.10	58.35 -2.92 0.00	51.03 -1.36 0.00	51.95 -0.15 0.00
DUNKIRK___1 23563	33.97 -2.07 0.00	31.90 -2.04 0.00	30.00 -1.90 0.00	31.74 -2.17 0.00	30.12 -1.98 0.00	34.19 -2.03 0.00	67.02 -3.80 0.00	75.88 -5.84 2.03	45.62 -2.75 0.00	34.52 -2.04 0.00	48.27 -2.71 0.00	42.20 -2.62 0.44	41.68 -2.82 0.00	48.75 -3.28 0.00	41.45 -3.53 5.98	54.07 -5.66 16.99	100.54 -10.48 23.73	71.42 -5.53 3.22	58.12 -4.06 0.00	74.73 -4.35 0.02	70.87 -4.33 2.10	58.35 -2.92 0.00	51.03 -1.36 0.00	51.95 -0.15 0.00
DUNKIRK___2 23564	33.97 -2.07 0.00	31.90 -2.04 0.00	30.00 -1.90 0.00	31.74 -2.17 0.00	30.12 -1.98 0.00	34.19 -2.03 0.00	67.02 -3.80 0.00	75.88 -5.84 2.03	45.62 -2.75 0.00	34.52 -2.04 0.00	48.27 -2.71 0.00	42.20 -2.62 0.44	41.68 -2.82 0.00	48.75 -3.28 0.00	41.45 -3.53 5.98	54.07 -5.66 16.99	100.54 -10.48 23.73	71.42 -5.53 3.22	58.12 -4.06 0.00	74.73 -4.35 0.02	70.87 -4.33 2.10	58.35 -2.92 0.00	51.03 -1.36 0.00	51.95 -0.15 0.00
DUNKIRK___3 23565	34.02 -2.03 0.00	31.95 -1.98 0.00	30.03 -1.87 0.00	31.74 -2.17 0.00	30.12 -1.98 0.00	34.15 -2.06 0.00	66.89 -3.93 0.00	75.86 -5.90 1.98	45.55 -2.82 0.00	34.45 -2.11 0.00	48.22 -2.76 0.00	42.21 -2.63 0.42	41.70 -2.80 0.00	48.81 -3.23 0.00	41.71 -3.41 5.83	54.47 -5.66 16.59	101.12 -10.42 23.21	71.49 -5.55 3.14	58.07 -4.10 0.00	74.60 -4.48 0.02	70.77 -4.48 2.05	58.22 -3.05 0.00	50.89 -1.50 0.00	51.80 -0.29 0.00
DUNKIRK___4 23566	34.02 -2.03 0.00	31.95 -1.98 0.00	30.03 -1.87 0.00	31.74 -2.17 0.00	30.12 -1.98 0.00	34.15 -2.06 0.00	66.89 -3.93 0.00	75.86 -5.90 1.98	45.55 -2.82 0.00	34.45 -2.11 0.00	48.22 -2.76 0.00	42.21 -2.63 0.42	41.70 -2.80 0.00	48.81 -3.23 0.00	41.71 -3.41 5.83	54.47 -5.66 16.59	101.12 -10.42 23.21	71.49 -5.55 3.14	58.07 -4.10 0.00	74.60 -4.48 0.02	70.77 -4.48 2.05	58.22 -3.05 0.00	50.89 -1.50 0.00	51.80 -0.29 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	38.07 2.03 0.00	35.73 1.80 0.00	33.56 1.66 0.00	35.64 1.73 0.00	33.76 1.66 0.00	38.16 1.95 0.00	74.79 3.97 0.00	88.40 4.65 0.00	50.75 2.38 0.00	38.52 1.96 0.00	54.01 3.03 0.00	48.04 2.78 0.00	47.28 2.78 0.00	55.31 3.28 0.00	54.21 3.26 0.00	81.45 4.73 0.00	142.98 8.23 0.00	85.04 4.86 0.00	65.62 3.45 0.00	83.40 4.30 0.00	81.42 4.12 0.00	64.55 3.28 0.00	55.16 2.78 0.00	54.63 2.53 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	37.94 1.90 0.00	35.62 1.69 0.00	33.46 1.57 0.00	35.56 1.66 0.00	33.67 1.57 0.00	38.07 1.86 0.00	74.69 3.87 0.00	88.27 4.52 0.00	50.72 2.35 0.00	38.42 1.85 0.00	53.78 2.80 0.00	47.80 2.54 0.00	47.05 2.55 0.00	55.06 3.03 0.00	53.97 3.02 0.00	81.23 4.50 0.00	142.58 7.82 0.00	84.83 4.65 0.00	65.53 3.36 0.00	83.29 4.18 0.00	81.35 4.05 0.00	64.49 3.22 0.00	55.07 2.69 0.00	54.52 2.42 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	38.15 2.11 0.00	35.81 1.87 0.00	33.57 1.67 0.00	35.65 1.75 0.00	33.82 1.72 0.00	38.21 1.99 0.00	74.90 4.08 0.00	88.53 4.78 0.00	50.90 2.53 0.00	39.53 2.11 -0.85	54.15 3.16 0.00	48.22 2.96 0.00	47.43 2.93 0.00	55.48 3.45 0.00	54.34 3.38 0.00	81.52 4.80 0.00	143.16 8.40 0.00	85.11 4.94 0.00	65.61 3.43 0.00	83.38 4.27 0.00	81.42 4.12 0.00	64.61 3.34 0.00	55.21 2.83 0.00	54.64 2.54 0.00

E179THST_13_KV_LOAD 356214	38.30 2.26 0.00	35.94 2.01 0.00	33.70 1.80 0.00	35.78 1.88 0.00	33.94 1.84 0.00	38.35 2.13 0.00	75.21 4.39 0.00	88.91 5.16 0.00	51.14 2.76 0.00	39.70 2.29 -0.85	54.40 3.42 0.00	48.44 3.19 0.00	47.65 3.16 0.00	55.74 3.71 0.00	54.59 3.64 0.00	81.91 5.19 0.00	143.84 9.08 0.00	85.53 5.36 0.00	65.94 3.76 0.00	83.79 4.69 0.00	81.84 4.54 0.00	64.93 3.66 0.00	55.48 3.09 0.00	54.89 2.79 0.00
EAST HAMPTON___GT 23717	39.85 3.81 0.00	37.60 3.67 0.01	35.21 3.32 0.00	37.42 3.51 0.00	35.44 3.34 0.00	40.15 3.80 -0.14	87.21 7.37 -9.01	103.86 8.50 -11.62	57.03 4.28 -4.37	40.67 3.48 -0.63	57.02 6.04 0.00	49.88 5.30 0.67	47.75 4.71 1.45	61.05 6.04 -2.98	60.07 6.25 -2.88	93.71 8.50 -8.49	164.16 16.45 -12.95	99.95 10.25 -9.53	75.78 7.73 -5.86	100.33 9.78 -11.44	89.19 9.47 -2.42	70.62 7.10 -2.24	61.00 6.10 -2.51	57.74 5.68 0.04
EAST RIVER___6 23660	38.17 2.13 0.00	35.78 1.84 0.00	33.55 1.65 0.00	35.62 1.72 0.00	33.77 1.67 0.00	38.19 1.97 0.00	74.97 4.15 0.00	88.66 4.91 0.00	50.94 2.57 0.00	39.23 2.17 -0.49	54.30 3.32 0.00	48.31 3.06 0.00	47.56 3.07 0.00	55.64 3.61 0.00	54.52 3.57 0.00	81.85 5.13 0.00	143.67 8.92 0.00	85.42 5.25 0.00	65.78 3.60 0.00	83.56 4.45 0.00	81.58 4.28 0.00	64.66 3.38 0.00	55.25 2.86 0.00	54.73 2.63 0.00
EAST RIVER___7 23524	38.17 2.13 0.00	35.78 1.84 0.00	33.55 1.65 0.00	35.62 1.72 0.00	33.77 1.67 0.00	38.19 1.97 0.00	74.97 4.15 0.00	88.66 4.91 0.00	50.94 2.57 0.00	39.23 2.17 -0.49	54.30 3.32 0.00	48.31 3.06 0.00	47.56 3.07 0.00	55.64 3.61 0.00	54.52 3.57 0.00	81.85 5.13 0.00	143.67 8.92 0.00	85.42 5.25 0.00	65.78 3.60 0.00	83.56 4.45 0.00	81.58 4.28 0.00	64.66 3.38 0.00	55.25 2.86 0.00	54.73 2.63 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	38.01 1.97 0.00	35.68 1.75 0.00	33.51 1.62 0.00	35.60 1.69 0.00	33.71 1.61 0.00	38.11 1.89 0.00	74.71 3.89 0.00	88.26 4.51 0.00	50.68 2.31 0.00	38.45 1.89 0.00	53.90 2.91 0.00	47.94 2.69 0.00	47.19 2.69 0.00	55.21 3.18 0.00	54.11 3.16 0.00	81.33 4.61 0.00	142.72 7.96 0.00	84.90 4.72 0.00	65.50 3.32 0.00	83.27 4.16 0.00	81.30 3.99 0.00	64.46 3.19 0.00	55.08 2.70 0.00	54.54 2.44 0.00
EAST_HAMPTON___DIESEL 23722	39.87 3.83 0.00	37.61 3.68 0.01	35.22 3.33 0.00	37.42 3.52 0.00	35.45 3.35 0.00	40.17 3.82 -0.14	87.23 7.40 -9.01	103.91 8.54 -11.62	57.06 4.31 -4.37	40.68 3.49 -0.63	57.03 6.05 0.00	49.90 5.32 0.67	47.76 4.72 1.45	61.06 6.05 -2.98	60.09 6.26 -2.88	93.73 8.52 -8.49	164.17 16.46 -12.95	99.95 10.25 -9.53	75.82 7.78 -5.86	100.35 9.80 -11.44	89.20 9.48 -2.42	70.62 7.11 -2.24	61.02 6.12 -2.51	57.77 5.71 0.04
EAST_POINT___SOLAR 323840	36.69 0.65 0.00	34.51 0.57 0.00	32.45 0.55 0.00	34.52 0.61 0.00	32.72 0.62 0.00	37.08 0.86 0.00	73.41 2.59 0.00	86.88 3.13 0.00	49.79 1.42 0.00	37.29 0.73 0.00	51.93 0.95 0.00	45.71 0.45 0.00	45.03 0.54 0.00	52.05 0.02 0.00	51.71 0.76 0.00	78.55 1.82 0.00	139.31 4.55 0.00	83.35 3.18 0.00	64.60 2.42 0.00	82.15 3.04 0.00	80.01 2.71 0.00	63.22 1.95 0.00	53.82 1.43 0.00	53.30 1.20 0.00
EAST_PULASKI___ESR 323781	34.98 -1.06 0.00	32.98 -0.96 0.00	31.00 -0.90 0.00	32.93 -0.98 0.00	31.22 -0.88 0.00	35.24 -0.97 0.00	69.09 -1.73 0.00	81.74 -2.01 0.00	47.34 -1.03 0.00	35.75 -0.81 0.00	49.87 -1.11 0.00	44.18 -1.08 0.00	43.34 -1.15 0.00	50.84 -1.20 0.00	49.88 -1.08 0.00	75.07 -1.65 0.00	132.55 -2.21 0.00	79.18 -1.00 0.00	61.13 -1.04 0.00	77.54 -1.57 0.00	75.60 -1.71 0.00	59.92 -1.36 0.00	51.15 -1.24 0.00	50.81 -1.29 0.00
EAST_RIVER___1 323558	38.20 2.16 0.00	35.81 1.88 0.00	33.64 1.74 0.00	35.70 1.79 0.00	33.85 1.75 0.00	38.27 2.06 0.00	75.08 4.26 0.00	88.77 5.02 0.00	50.98 2.61 0.00	39.25 2.20 -0.49	54.30 3.32 0.00	48.33 3.08 0.00	47.57 3.08 0.00	55.63 3.60 0.00	54.52 3.57 0.00	81.86 5.13 0.00	143.68 8.92 0.00	85.45 5.27 0.00	65.82 3.64 0.00	83.63 4.53 0.00	81.63 4.33 0.00	64.71 3.44 0.00	55.32 2.93 0.00	54.80 2.70 0.00
EAST_RIVER___2 323559	38.17 2.13 0.00	35.78 1.84 0.00	33.55 1.65 0.00	35.62 1.72 0.00	33.77 1.67 0.00	38.19 1.97 0.00	74.97 4.15 0.00	88.66 4.91 0.00	50.94 2.57 0.00	39.23 2.17 -0.49	54.30 3.32 0.00	48.31 3.06 0.00	47.56 3.07 0.00	55.64 3.61 0.00	54.52 3.57 0.00	81.85 5.13 0.00	143.67 8.92 0.00	85.42 5.25 0.00	65.78 3.60 0.00	83.56 4.45 0.00	81.58 4.28 0.00	64.66 3.38 0.00	55.25 2.86 0.00	54.73 2.63 0.00
EAST___DELAWARE_HYD 23607	37.44 1.40 0.00	35.15 1.22 0.00	33.02 1.12 0.00	35.10 1.19 0.00	33.24 1.14 0.00	37.62 1.41 0.00	74.22 3.40 0.00	89.51 5.77 0.00	51.45 3.08 0.00	38.87 2.31 0.00	54.40 3.42 0.00	48.28 3.03 0.00	47.22 2.73 0.00	55.19 3.15 0.00	54.20 3.25 0.00	81.69 4.97 0.00	143.20 8.44 0.00	85.21 5.04 0.00	65.88 3.70 0.00	83.74 4.63 0.00	81.77 4.47 0.00	64.76 3.49 0.00	55.27 2.89 0.00	54.68 2.58 0.00
EIGHT_POINT___WT_PWR 323820	32.97 -3.07 0.00	31.11 -2.83 0.00	29.02 -2.87 0.00	30.49 -3.42 0.00	29.02 -3.08 0.00	33.04 -3.18 0.00	64.86 -5.96 0.00	70.73 -8.36 4.66	44.21 -4.16 0.00	32.88 -3.68 0.00	45.20 -5.78 0.00	38.56 -5.43 1.26	39.21 -5.29 0.00	46.25 -5.77 0.00	30.22 -5.91 14.82	30.35 -7.92 38.46	69.42 -12.79 52.54	66.01 -6.70 7.46	56.96 -5.21 0.00	71.97 -7.08 0.05	65.12 -7.31 4.87	55.99 -5.28 0.00	48.83 -3.56 0.00	50.28 -1.82 0.00
ELBRIDGE_115KV_TB2 80188	35.61 -0.43 0.00	33.59 -0.34 0.00	31.58 -0.32 0.00	33.53 -0.38 0.00	31.79 -0.31 0.00	35.89 -0.32 0.00	70.15 -0.67 0.00	82.95 -0.79 0.00	48.01 -0.36 0.00	36.27 -0.29 0.00	50.60 -0.38 0.00	44.92 -0.42 -0.08	44.10 -0.40 0.00	51.60 -0.44 0.00	51.62 -0.40 -1.07	78.71 -0.64 -2.64	137.17 -1.12 -3.53	79.99 -0.69 -0.51	61.73 -0.45 0.00	78.36 -0.75 0.00	76.81 -0.83 -0.33	60.59 -0.68 0.00	51.90 -0.48 0.00	51.67 -0.43 0.00
ELEC_TRO_TEK 24086	38.18 2.14 0.00	35.98 2.04 -0.01	33.69 1.79 0.00	35.79 1.88 0.00	33.86 1.76 0.00	38.22 2.00 0.00	74.79 3.97 0.00	88.39 4.64 0.00	50.57 2.20 0.00	38.46 1.90 0.00	54.57 3.57 -0.01	51.60 3.38 -2.96	54.00 3.15 -6.36	57.44 3.76 -1.65	56.44 3.77 -1.72	81.67 4.93 -0.02	143.69 8.93 0.00	85.57 5.39 0.00	66.06 3.89 0.00	86.18 4.96 -2.12	104.98 5.06 -22.62	76.37 3.82 -11.27	57.30 3.32 -1.59	55.67 3.12 -0.45
ELLENBURG_WT_PWR 323604	35.22 -0.83 0.00	33.14 -0.79 0.00	31.17 -0.73 0.00	33.16 -0.75 0.00	31.40 -0.69 0.00	35.40 -0.81 0.00	69.55 -1.27 0.00	82.48 -1.26 0.00	47.50 -0.87 0.00	35.80 -0.76 0.00	49.86 -1.12 0.00	44.37 -0.89 0.00	43.53 -0.97 0.00	50.96 -1.07 0.00	49.70 -1.25 0.00	74.56 -2.17 0.00	131.55 -3.20 0.00	78.50 -1.68 0.00	60.94 -1.24 0.00	77.78 -1.32 0.00	75.87 -1.43 0.00	60.25 -1.03 0.00	51.50 -0.89 0.00	51.32 -0.78 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	34.05 -1.99 0.00	32.01 -1.92 0.00	30.05 -1.84 0.00	31.72 -2.18 0.00	30.01 -2.09 0.00	33.92 -2.29 0.00	66.53 -4.29 0.00	75.95 -5.98 1.81	45.50 -2.87 0.00	34.39 -2.18 0.00	48.21 -2.77 0.00	42.32 -2.56 0.37	41.72 -2.77 0.00	48.87 -3.16 0.00	42.50 -3.21 5.24	55.86 -5.72 15.15	103.32 -10.11 21.33	71.94 -5.38 2.86	58.13 -4.05 0.00	74.47 -4.61 0.02	70.88 -4.55 1.87	58.02 -3.26 0.00	50.80 -1.59 0.00	51.74 -0.36 0.00
EMPIRE_CC_1 323656	37.02 0.98 0.00	34.82 0.89 0.00	32.73 0.83 0.00	34.82 0.91 0.00	32.94 0.83 0.00	37.10 0.88 0.00	71.84 1.02 0.00	84.89 1.14 0.00	49.21 0.84 0.00	37.22 0.66 0.00	51.66 0.67 0.00	45.90 0.64 0.00	45.29 0.79 0.00	52.75 0.71 0.00	51.70 0.74 0.00	78.29 1.57 0.00	135.01 2.27 2.02	80.32 0.97 0.83	63.17 0.99 0.00	80.29 1.19 0.01	78.12 1.36 0.55	62.33 1.06 0.00	53.21 0.83 0.00	52.84 0.74 0.00
EMPIRE_CC_2 323658	37.02 0.98 0.00	34.82 0.89 0.00	32.73 0.83 0.00	34.82 0.91 0.00	32.94 0.83 0.00	37.10 0.88 0.00	71.84 1.02 0.00	84.89 1.14 0.00	49.21 0.84 0.00	37.22 0.66 0.00	51.66 0.67 0.00	45.90 0.64 0.00	45.29 0.79 0.00	52.75 0.71 0.00	51.70 0.74 0.00	78.29 1.57 0.00	135.01 2.27 2.02	80.32 0.97 0.83	63.17 0.99 0.00	80.29 1.19 0.01	78.12 1.36 0.55	62.33 1.06 0.00	53.21 0.83 0.00	52.84 0.74 0.00
ENORWICH_115KV_TB1 80156	36.83 0.79 0.00	34.71 0.78 0.00	32.50 0.61 0.00	34.70 0.79 0.00	32.95 0.85 0.00	37.40 1.19 0.00	74.47 3.65 0.00	90.47 4.76 -1.97	51.04 2.67 0.00	38.12 1.56 0.00	52.88 1.90 0.00	47.25 1.46 -0.53	46.13 1.63 0.00	53.88 1.84 0.00	61.04 2.02 -8.07	98.81 3.42 -18.66	166.47 6.90 -24.82	88.29 4.49 -3.62	65.62 3.44 0.00	83.60 4.46 -0.03	83.49 3.82 -2.36	64.00 2.72 0.00	54.55 2.16 0.00	54.44 2.34 0.00
ERIE_ST__34_KV_TB1-2 80199	34.46 -1.58 0.00	32.39 -1.55 0.00	30.40 -1.49 0.00	32.08 -1.83 0.00	30.40 -1.70 0.00	34.40 -1.81 0.00	67.44 -3.38 0.00	76.85 -4.92 1.98	46.12 -2.25 0.00	34.81 -1.75 0.00	48.82 -2.16 0.00	42.84 -2.00 0.41	42.34 -2.16 0.00	49.60 -2.44 0.00	42.75 -2.43 5.77	55.74 -4.44 16.55	103.61 -8.04 23.11	72.80 -4.24 3.13	58.96 -3.21 0.00	75.58 -3.50 0.02	71.73 -3.53 2.05	58.82 -2.45 0.00	51.38 -1.01 0.00	52.26 0.16 0.00
ERIE_WT_PWR 323693	34.16 -1.88 0.00	32.10 -1.84 0.00	30.14 -1.76 0.00	31.81 -2.11 0.00	30.09 -2.01 0.00	34.07 -2.15 0.00	66.83 -3.99 0.00	76.11 -5.67 1.96	45.65 -2.72 0.00	34.47 -2.09 0.00	48.28 -2.71 0.00	42.34 -2.52 0.40	41.85 -2.65 0.00	49.04 -2.99 0.00	42.24 -3.06 5.65	55.01 -5.35 16.36	102.42 -9.48 22.86	72.08 -5.00 3.10	58.35 -3.82 0.00	74.84 -4.24 0.02	71.04 -4.24 2.02	58.30 -2.97 0.00	51.00 -1.39 0.00	51.95 -0.15 0.00
ESPRGFLD_115KV_TB1 80157	35.83 -0.21 0.00	33.72 -0.22 0.00	31.70 -0.20 0.00	33.72 -0.19 0.00	31.95 -0.15 0.00	36.17 -0.05 0.00	72.39 1.58 0.00	85.67 1.93 0.00	49.29 0.91 0.00	36.66 0.10 0.00	51.28 0.30 0.00	45.52 0.26 0.00	44.76 0.26 0.00	52.39 0.36 0.00	51.36 0.41 0.00	77.21 0.49 0.00	135.84 1.08 0.00	81.06 0.88 0.00	62.80 0.62 0.00	79.95 0.85 0.00	77.93 0.63 0.00	61.64 0.37 0.00	52.60 0.21 0.00	52.30 0.20 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	36.44 0.40 0.00	34.32 0.38 0.00	32.23 0.33 0.00	34.24 0.33 0.00	32.48 0.38 0.00	36.76 0.55 0.00	72.02 1.20 0.00	89.74 1.39 -4.61	49.26 0.89 0.00	37.18 0.61 0.00	51.82 0.84 0.00	47.24 0.65 -1.33	45.16 0.66 0.00	52.86 0.82 0.00	71.15 0.90 -19.30	123.30 1.43 -45.15	197.73 2.69 -60.29	90.62 1.69 -8.75	63.54 1.36 -0.01	80.84 1.67 -0.06	84.45 1.43 -5.72	62.32 1.04 0.00	53.33 0.94 0.00	53.12 1.02 0.00
ETNA____115KV_TB2 80207	36.44 0.40 0.00	34.32 0.38 0.00	32.23 0.33 0.00	34.24 0.33 0.00	32.48 0.38 0.00	36.76 0.55 0.00	72.02 1.20 0.00	89.74 1.39 -4.61	49.26 0.89 0.00	37.18 0.61 0.00	51.82 0.84 0.00	47.24 0.65 -1.33	45.16 0.66 0.00	52.86 0.82 0.00	71.15 0.90 -19.30	123.30 1.43 -45.15	197.73 2.69 -60.29	90.62 1.69 -8.75	63.54 1.36 -0.01	80.84 1.67 -0.06	84.45 1.43 -5.72	62.32 1.04 0.00	53.33 0.94 0.00	53.12 1.02 0.00
EUCLID___115KV_TB2 356179	35.43 -0.61 0.00	33.39 -0.55 0.00	31.38 -0.51 0.00	33.33 -0.58 0.00	31.58 -0.52 0.00	35.62 -0.60 0.00	69.68 -1.14 0.00	82.36 -1.39 0.00	47.68 -0.69 0.00	36.05 -0.51 0.00	50.29 -0.69 0.00	44.60 -0.66 0.00	43.81 -0.68 0.00	51.26 -0.77 0.00	50.22 -0.73 0.00	75.56 -1.17 0.00	132.73 -2.02 0.00	79.04 -1.14 0.00	61.28 -0.90 0.00	77.88 -1.22 0.00	76.05 -1.25 0.00	60.25 -1.03 0.00	51.58 -0.81 0.00	51.35 -0.75 0.00
E_CANADA_CAP_HY 24051	35.41 -0.63 0.00	33.32 -0.61 0.00	31.35 -0.55 0.00	33.35 -0.56 0.00	31.60 -0.50 0.00	35.72 -0.50 0.00	70.80 -0.02 0.00	83.85 0.10 0.00	48.20 -0.17 0.00	36.10 -0.46 0.00	50.42 -0.56 0.00	44.70 -0.56 0.00	43.95 -0.54 0.00	51.38 -0.66 0.00	50.37 -0.58 0.00	75.94 -0.78 0.00	134.02 -0.73 0.00	80.05 -0.13 0.00	62.03 -0.15 0.00	78.98 -0.13 0.00	76.97 -0.33 0.00	60.91 -0.37 0.00	51.89 -0.49 0.00	51.51 -0.58 0.00
E_CANADA_MHWK_HY 24050	38.58 2.54 0.00	36.20 2.26 0.00	34.01 2.12 0.00	36.23 2.32 0.00	34.31 2.21 0.00	38.85 2.63 0.00	76.09 5.27 0.00	89.92 6.18 0.00	51.83 3.46 0.00	38.95 2.39 0.00	54.02 3.03 0.00	47.72 2.47 0.00	47.10 2.60 0.00	54.65 2.61 0.00	53.55 2.60 0.00	82.11 5.39 0.00	145.10 10.34 0.00	86.31 6.14 0.00	67.28 5.10 0.00	85.64 6.54 0.00	83.61 6.31 0.00	66.09 4.82 0.00	56.11 3.72 0.00	55.38 3.28 0.00
E_FISHKILL___LBMP 23776	37.72 1.68 0.00	35.43 1.50 0.00	33.28 1.39 0.00	35.37 1.46 0.00	33.48 1.38 0.00	37.83 1.62 0.00	74.10 3.28 0.00	87.56 3.82 0.00	50.34 1.97 0.00	38.17 1.61 0.00	53.45 2.46 0.00	47.53 2.28 0.00	46.78 2.29 0.00	54.71 2.68 0.00	53.63 2.68 0.00	80.66 3.94 0.00	141.51 6.76 0.00	84.14 3.97 0.00	65.00 2.82 0.00	82.63 3.53 0.00	80.72 3.41 0.00	63.99 2.72 0.00	54.67 2.29 0.00	54.16 2.06 0.00
FALCON___SEABRD_CC1 323796	35.42 -0.62 0.00	33.33 -0.60 0.00	31.34 -0.56 0.00	33.34 -0.57 0.00	31.58 -0.52 0.00	35.61 -0.60 0.00	70.04 -0.78 0.00	83.03 -0.71 0.00	47.83 -0.54 0.00	36.03 -0.53 0.00	50.18 -0.80 0.00	44.62 -0.64 0.00	43.77 -0.72 0.00	51.28 -0.75 0.00	50.01 -0.95 0.00	75.05 -1.67 0.00	132.51 -2.24 0.00	79.10 -1.08 0.00	61.38 -0.80 0.00	78.36 -0.74 0.00	76.42 -0.88 0.00	60.62 -0.65 0.00	51.82 -0.57 0.00	51.64 -0.45 0.00
FALCON___SEABRD_CC2 323797	35.42 -0.62 0.00	33.33 -0.60 0.00	31.34 -0.56 0.00	33.34 -0.57 0.00	31.58 -0.52 0.00	35.61 -0.60 0.00	70.04 -0.78 0.00	83.03 -0.71 0.00	47.83 -0.54 0.00	36.03 -0.53 0.00	50.18 -0.80 0.00	44.62 -0.64 0.00	43.77 -0.72 0.00	51.28 -0.75 0.00	50.01 -0.95 0.00	75.05 -1.67 0.00	132.51 -2.24 0.00	79.10 -1.08 0.00	61.38 -0.80 0.00	78.36 -0.74 0.00	76.42 -0.88 0.00	60.62 -0.65 0.00	51.82 -0.57 0.00	51.64 -0.45 0.00

FAR ROCKAWAY___4 23548	38.64 2.58 -0.03	36.43 2.46 -0.04	34.09 2.18 -0.02	36.21 2.30 0.00	34.25 2.15 0.00	38.67 2.45 0.00	75.73 4.90 0.00	89.45 5.70 0.00	51.15 2.78 0.00	38.92 2.36 0.00	55.34 4.33 -0.03	57.30 4.03 -8.01	65.49 3.78 -17.22	60.99 4.49 -4.47	60.11 4.51 -4.65	82.78 6.01 -0.04	145.81 11.04 -0.01	86.94 6.76 0.00	67.11 4.93 0.00	91.11 6.28 -5.73	144.87 6.31 -61.25	96.54 4.76 -30.51	60.81 4.11 -4.31	57.24 3.91 -1.23
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	38.23 2.19 0.00	35.85 1.92 0.00	33.67 1.77 0.00	35.74 1.83 0.00	33.88 1.78 0.00	38.30 2.08 0.00	75.12 4.30 0.00	88.79 5.05 0.00	51.00 2.63 0.00	39.64 2.21 -0.87	54.34 3.36 0.00	48.35 3.09 0.00	47.58 3.09 0.00	55.65 3.61 0.00	54.53 3.58 0.00	81.89 5.16 0.00	143.73 8.98 0.00	85.46 5.29 0.00	65.86 3.68 0.00	83.69 4.59 0.00	81.69 4.38 0.00	64.76 3.49 0.00	55.36 2.98 0.00	54.83 2.73 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	38.23 2.19 0.00	35.85 1.92 0.00	33.68 1.78 0.00	35.75 1.84 0.00	33.89 1.79 0.00	38.31 2.10 0.00	75.14 4.32 0.00	88.82 5.07 0.00	51.02 2.65 0.00	39.64 2.21 -0.87	54.34 3.36 0.00	48.35 3.09 0.00	47.58 3.09 0.00	55.65 3.62 0.00	54.53 3.58 0.00	81.89 5.17 0.00	143.74 8.99 0.00	85.48 5.31 0.00	65.88 3.70 0.00	83.71 4.61 0.00	81.69 4.39 0.00	64.79 3.51 0.00	55.38 2.99 0.00	54.84 2.74 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	38.20 2.17 0.00	35.83 1.90 0.00	33.65 1.76 0.00	35.73 1.82 0.00	33.86 1.76 0.00	38.28 2.07 0.00	75.08 4.26 0.00	88.77 5.02 0.00	50.99 2.62 0.00	39.63 2.20 -0.87	54.30 3.32 0.00	48.32 3.07 0.00	47.56 3.07 0.00	55.63 3.60 0.00	54.52 3.57 0.00	81.83 5.11 0.00	143.64 8.89 0.00	85.42 5.25 0.00	65.82 3.64 0.00	83.63 4.53 0.00	81.62 4.32 0.00	64.72 3.45 0.00	55.33 2.94 0.00	54.79 2.69 0.00
FARRAGUT___LBMP 323566	38.18 2.15 0.00	35.81 1.87 0.00	33.63 1.74 0.00	35.71 1.80 0.00	33.84 1.74 0.00	38.25 2.04 0.00	75.03 4.21 0.00	88.69 4.95 0.00	50.94 2.57 0.00	39.59 2.16 -0.87	54.25 3.27 0.00	48.28 3.02 0.00	47.52 3.02 0.00	55.58 3.54 0.00	54.46 3.51 0.00	81.76 5.04 0.00	143.51 8.76 0.00	85.35 5.17 0.00	65.75 3.58 0.00	83.58 4.48 0.00	81.57 4.27 0.00	64.68 3.41 0.00	55.29 2.90 0.00	54.77 2.67 0.00
FENNER___WINDPWR 24204	36.46 0.42 0.00	34.35 0.42 0.00	32.30 0.40 0.00	34.34 0.43 0.00	32.56 0.46 0.00	36.83 0.61 0.00	72.18 1.36 0.00	86.30 1.63 -0.92	49.40 1.03 0.00	37.31 0.75 0.00	52.04 1.06 0.00	46.40 0.88 -0.26	45.32 0.83 0.00	53.06 1.03 0.00	56.46 1.05 -4.45	87.35 1.71 -8.93	149.92 3.25 -11.92	83.92 2.02 -1.73	63.67 1.49 0.00	80.94 1.82 -0.01	80.03 1.60 -1.13	62.48 1.21 0.00	53.40 1.01 0.00	53.01 0.91 0.00
FIBERTEK___ENERGY 23856	35.82 -0.22 0.00	33.77 -0.16 0.00	31.74 -0.16 0.00	33.71 -0.20 0.00	31.95 -0.15 0.00	36.07 -0.15 0.00	70.59 -0.23 0.00	83.42 -0.32 0.00	48.28 -0.09 0.00	36.49 -0.07 0.00	50.90 -0.08 0.00	45.18 -0.14 -0.07	44.34 -0.15 0.00	51.90 -0.13 0.00	51.83 -0.10 -0.98	78.91 -0.19 -2.37	137.65 -0.29 -3.18	80.50 -0.14 -0.46	62.09 -0.09 0.00	78.87 -0.23 0.00	77.29 -0.31 -0.30	60.97 -0.30 0.00	52.18 -0.21 0.00	51.90 -0.20 0.00
FITZPATRICK___ 23598	34.96 -1.08 0.00	32.97 -0.96 0.00	31.00 -0.90 0.00	32.92 -0.99 0.00	31.18 -0.92 0.00	35.14 -1.08 0.00	68.67 -2.15 0.00	81.19 -2.56 0.00	46.98 -1.39 0.00	35.49 -1.07 0.00	49.49 -1.49 0.00	43.89 -1.36 0.00	43.14 -1.35 0.00	50.45 -1.59 0.00	49.42 -1.54 0.00	74.35 -2.37 0.00	130.69 -4.07 0.00	77.76 -2.41 0.00	60.31 -1.87 0.00	76.62 -2.49 0.00	74.83 -2.47 0.00	59.32 -1.96 0.00	50.78 -1.61 0.00	50.54 -1.56 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	38.20 2.16 0.00	35.86 1.93 0.00	33.68 1.78 0.00	35.80 1.89 0.00	33.90 1.80 0.00	38.33 2.12 0.00	75.20 4.38 0.00	88.90 5.16 0.00	51.11 2.73 0.00	38.71 2.15 0.00	54.20 3.22 0.00	48.17 2.91 0.00	47.41 2.92 0.00	55.46 3.42 0.00	54.38 3.43 0.00	81.89 5.17 0.00	143.77 9.01 0.00	85.55 5.37 0.00	66.10 3.92 0.00	84.00 4.90 0.00	82.01 4.71 0.00	64.98 3.71 0.00	55.48 3.09 0.00	54.89 2.79 0.00
FORT ORANGE___ 23900	37.01 0.97 0.00	34.85 0.91 0.00	32.75 0.85 0.00	34.83 0.92 0.00	32.94 0.84 0.00	37.09 0.87 0.00	72.02 1.20 0.00	85.16 1.41 0.00	49.07 0.70 0.00	37.21 0.65 0.00	51.56 0.58 0.00	45.87 0.61 0.00	45.15 0.66 0.00	52.69 0.66 0.00	51.64 0.69 0.00	78.09 1.37 0.00	136.93 2.18 0.00	81.25 1.08 0.00	63.16 0.98 0.00	80.19 1.08 0.00	78.48 1.18 0.00	62.15 0.88 0.00	53.02 0.63 0.00	52.60 0.50 0.00
FORT_DRUM_COGEN 23780	34.48 -1.56 0.00	32.47 -1.46 0.00	30.52 -1.37 0.00	32.50 -1.41 0.00	30.87 -1.23 0.00	34.93 -1.29 0.00	68.85 -1.98 0.00	81.80 -1.94 0.00	47.42 -0.95 0.00	35.76 -0.80 0.00	49.89 -1.10 0.00	44.28 -0.97 0.00	43.27 -1.22 0.00	51.01 -1.02 0.00	50.21 -0.74 0.00	75.71 -1.01 0.00	135.15 0.40 0.00	81.44 1.27 0.00	62.25 0.07 0.00	78.66 -0.45 0.00	76.28 -1.03 0.00	60.64 -0.63 0.00	51.44 -0.95 0.00	50.92 -1.18 0.00
FOX_HILLS___ESR 323835	38.29 2.25 0.00	35.94 2.01 0.00	33.73 1.84 0.00	35.81 1.90 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.91 4.09 0.00	88.54 4.79 0.00	51.08 2.71 0.00	39.67 2.25 -0.87	54.31 3.33 0.00	48.39 3.13 0.00	47.60 3.11 0.00	55.61 3.57 0.00	54.46 3.51 0.00	81.57 4.84 0.00	143.17 8.42 0.00	85.23 5.05 0.00	65.70 3.52 0.00	83.45 4.34 0.00	81.48 4.18 0.00	64.71 3.44 0.00	55.42 3.03 0.00	54.89 2.79 0.00
FPL_FAR_ROCK_GT1 24212	38.65 2.58 -0.03	36.43 2.46 -0.04	34.09 2.18 -0.02	36.21 2.30 0.00	34.25 2.15 0.00	38.68 2.46 0.00	75.72 4.90 0.00	89.44 5.70 0.00	51.15 2.78 0.00	38.92 2.36 0.00	55.33 4.32 -0.03	57.28 4.02 -8.01	65.49 3.78 -17.22	61.00 4.50 -4.47	60.10 4.49 -4.65	82.78 6.02 -0.04	145.81 11.04 -0.01	86.93 6.76 0.00	67.12 4.94 0.00	91.10 6.27 -5.73	144.76 6.21 -61.25	96.51 4.72 -30.51	60.73 4.03 -4.31	57.20 3.87 -1.23
FPL_FAR_ROCK_GT2 23815	38.65 2.58 -0.03	36.43 2.46 -0.04	34.09 2.18 -0.02	36.21 2.30 0.00	34.25 2.15 0.00	38.68 2.46 0.00	75.72 4.90 0.00	89.44 5.70 0.00	51.15 2.78 0.00	38.92 2.36 0.00	55.33 4.32 -0.03	57.28 4.02 -8.01	65.49 3.78 -17.22	61.00 4.50 -4.47	60.10 4.49 -4.65	82.78 6.02 -0.04	145.81 11.04 -0.01	86.93 6.76 0.00	67.12 4.94 0.00	91.10 6.27 -5.73	144.76 6.21 -61.25	96.51 4.72 -30.51	60.73 4.03 -4.31	57.20 3.87 -1.23
FRANKLIN_FALL_HYD 24054	35.77 -0.27 0.00	33.67 -0.27 0.00	31.64 -0.25 0.00	33.65 -0.26 0.00	31.90 -0.20 0.00	36.00 -0.22 0.00	70.81 -0.01 0.00	84.06 0.32 0.00	48.45 0.08 0.00	36.53 -0.04 0.00	50.87 -0.11 0.00	45.23 -0.03 0.00	44.35 -0.15 0.00	51.94 -0.10 0.00	50.61 -0.34 0.00	75.82 -0.90 0.00	133.84 -0.91 0.00	79.86 -0.32 0.00	61.97 -0.21 0.00	79.15 0.05 0.00	77.20 -0.11 0.00	61.35 0.08 0.00	52.44 0.06 0.00	52.19 0.09 0.00



FREEPORT_EQUUS_GT1 23764	38.41 2.36 0.00	36.19 2.25 -0.01	33.86 1.96 0.00	35.97 2.06 0.00	34.03 1.93 0.00	38.42 2.21 0.00	74.95 4.13 0.00	88.54 4.80 0.00	50.84 2.47 0.00	38.63 2.07 0.00	54.88 3.89 -0.01	51.50 3.65 -2.59	53.44 3.37 -5.58	57.50 4.02 -1.44	56.53 4.07 -1.51	82.14 5.40 -0.02	144.34 9.58 0.00	86.06 5.88 0.00	66.46 4.29 0.00	86.58 5.62 -1.85	102.81 5.68 -19.82	75.45 4.30 -9.88	57.45 3.66 -1.40	55.96 3.47 -0.40
FREEPORT___CT2 23818	38.41 2.36 0.00	36.19 2.25 -0.01	33.86 1.96 0.00	35.97 2.06 0.00	34.03 1.93 0.00	38.42 2.21 0.00	74.95 4.13 0.00	88.54 4.80 0.00	50.84 2.47 0.00	38.63 2.07 0.00	54.88 3.89 -0.01	51.50 3.65 -2.59	53.44 3.37 -5.58	57.50 4.02 -1.44	56.53 4.07 -1.51	82.14 5.40 -0.02	144.34 9.58 0.00	86.06 5.88 0.00	66.46 4.29 0.00	86.58 5.62 -1.85	102.81 5.68 -19.82	75.45 4.30 -9.88	57.45 3.66 -1.40	55.96 3.47 -0.40
FRESHKLS_33_KV_LOAD 356253	38.37 2.34 0.00	36.02 2.08 0.00	33.81 1.92 0.00	35.90 1.99 0.00	34.02 1.92 0.00	38.47 2.26 0.00	75.03 4.21 0.00	88.58 4.83 0.00	51.18 2.81 0.00	39.73 2.30 -0.87	54.37 3.39 0.00	48.44 3.19 0.00	47.65 3.15 0.00	55.60 3.57 0.00	54.46 3.51 0.00	81.54 4.81 0.00	143.08 8.32 0.00	85.22 5.05 0.00	65.72 3.54 0.00	83.45 4.35 0.00	81.45 4.15 0.00	64.72 3.45 0.00	55.47 3.08 0.00	54.97 2.87 0.00
FULTON COGEN____ 23766	35.14 -0.89 0.00	33.13 -0.81 0.00	31.15 -0.74 0.00	33.08 -0.83 0.00	31.34 -0.76 0.00	35.35 -0.87 0.00	69.16 -1.66 0.00	81.77 -1.98 0.00	47.35 -1.02 0.00	35.78 -0.78 0.00	49.88 -1.10 0.00	44.21 -1.04 0.00	43.45 -1.05 0.00	50.86 -1.17 0.00	49.82 -1.13 0.00	74.95 -1.78 0.00	131.77 -2.99 0.00	78.48 -1.70 0.00	60.84 -1.34 0.00	77.25 -1.86 0.00	75.48 -1.82 0.00	59.78 -1.50 0.00	51.13 -1.25 0.00	50.85 -1.25 0.00
FULTON___LFGE 323630	36.67 0.63 0.00	34.50 0.57 0.00	32.43 0.54 0.00	34.50 0.59 0.00	32.71 0.61 0.00	37.02 0.80 0.00	73.05 2.24 0.00	86.52 2.77 0.00	49.75 1.38 0.00	37.33 0.77 0.00	51.89 0.90 0.00	45.96 0.71 0.00	45.32 0.83 0.00	52.82 0.79 0.00	51.49 0.54 0.00	78.56 1.84 0.00	138.81 4.05 0.00	82.83 2.65 0.00	64.21 2.03 0.00	81.67 2.57 0.00	79.64 2.34 0.00	63.01 1.74 0.00	53.67 1.29 0.00	53.21 1.11 0.00
G.F.CEMENT___DRP 24184	38.62 2.58 0.00	36.32 2.38 0.00	34.12 2.23 0.00	36.31 2.40 0.00	34.42 2.32 0.00	39.11 2.89 0.00	76.31 5.49 0.00	89.99 6.24 0.00	52.05 3.69 0.00	39.29 2.73 0.00	54.48 3.50 0.00	48.20 2.95 0.00	47.62 3.12 0.00	55.48 3.45 0.00	54.57 3.62 0.00	83.09 6.37 0.00	145.48 10.73 0.00	86.36 6.19 0.00	67.31 5.14 0.00	85.56 6.45 0.00	83.45 6.15 0.00	66.02 4.74 0.00	56.29 3.91 0.00	55.67 3.57 0.00
GARDENVILLE___LBMP 24039	33.95 -2.09 0.00	31.90 -2.03 0.00	29.95 -1.95 0.00	31.61 -2.30 0.00	29.94 -2.17 0.00	33.86 -2.35 0.00	66.40 -4.42 0.00	75.38 -6.15 2.21	45.34 -3.03 0.00	34.18 -2.38 0.00	47.87 -3.11 0.00	42.00 -2.89 0.37	41.46 -3.04 0.00	48.64 -3.39 0.00	41.56 -3.41 5.97	52.60 -5.88 18.24	109.11 -9.40 25.25	71.15 -5.58 3.45	57.93 -4.25 0.00	74.26 -4.82 0.02	70.25 -4.80 2.25	57.86 -3.41 0.00	50.68 -1.70 0.00	51.68 -0.42 0.00
GARDNVLA_35_KV_LD 355827	34.28 -1.77 0.00	32.20 -1.73 0.00	30.23 -1.67 0.00	31.90 -2.01 0.00	30.21 -1.89 0.00	34.19 -2.02																		

GILBOA____ 23599	36.94 0.90 0.00	34.74 0.81 0.00	32.65 0.76 0.00	34.82 0.91 0.00	32.86 0.76 0.00	37.09 0.87 0.00	72.33 1.51 0.00	85.48 1.74 0.00	49.39 1.02 0.00	37.43 0.86 0.00	52.21 1.23 0.00	46.38 1.12 0.00	45.66 1.16 0.00	53.36 1.33 0.00	52.29 1.34 0.00	78.81 2.09 0.00	137.85 3.10 0.00	81.65 1.47 0.00	63.37 1.19 0.00	80.64 1.53 0.00	79.12 1.82 0.00	62.72 1.44 0.00	53.59 1.21 0.00	53.17 1.07 0.00
GINNA____ 23603	33.60 -2.44 0.00	31.63 -2.30 0.00	29.72 -2.18 0.00	31.47 -2.44 0.00	29.82 -2.29 0.00	33.72 -2.50 0.00	66.26 -4.56 0.00	77.45 -5.65 0.65	45.41 -2.96 0.00	34.32 -2.24 0.00	48.02 -2.96 0.00	42.46 -2.67 0.13	41.75 -2.75 0.00	48.85 -3.18 0.00	46.03 -3.16 1.77	66.51 -5.14 5.07	119.14 -8.93 6.69	74.27 -4.92 0.99	58.37 -3.80 0.00	74.29 -4.81 0.01	71.83 -4.82 0.64	57.47 -3.81 0.00	49.55 -2.83 0.00	49.72 -2.38 0.00
GLEN PARK____ 23778	34.59 -1.45 0.00	32.58 -1.35 0.00	30.62 -1.27 0.00	32.60 -1.31 0.00	30.96 -1.14 0.00	35.05 -1.16 0.00	69.15 -1.68 0.00	82.19 -1.56 0.00	47.67 -0.70 0.00	35.93 -0.64 0.00	50.09 -0.90 0.00	44.46 -0.80 0.00	43.49 -1.01 0.00	51.31 -0.72 0.00	50.50 -0.45 0.00	76.17 -0.55 0.00	136.04 1.29 0.00	81.79 1.61 0.00	62.52 0.35 0.00	79.01 -0.09 0.00	76.63 -0.67 0.00	60.88 -0.39 0.00	51.63 -0.76 0.00	51.09 -1.01 0.00
GLENDALE_27_KV_LOAD 356172	38.27 2.23 0.00	35.92 1.99 0.00	33.73 1.83 0.00	35.79 1.88 0.00	33.95 1.85 0.00	38.36 2.14 0.00	75.18 4.36 0.00	88.87 5.13 0.00	51.15 2.78 0.00	39.76 2.35 -0.85	54.50 3.52 0.00	48.52 3.27 0.00	47.73 3.23 0.00	55.82 3.79 0.00	54.69 3.74 0.00	82.06 5.33 0.00	143.97 9.21 0.00	85.60 5.43 0.00	65.99 3.81 0.00	83.82 4.72 0.00	81.80 4.50 0.00	64.88 3.60 0.00	55.49 3.11 0.00	54.93 2.83 0.00
GLENWOOD_IC_1_G5 23712	38.31 2.27 0.00	36.03 2.09 0.00	33.78 1.88 0.00	35.88 1.97 0.00	33.96 1.86 0.00	38.35 2.14 0.00	75.13 4.31 0.00	88.77 5.02 0.00	50.81 2.44 0.00	38.61 2.05 0.00	54.52 3.53 -1.35	49.92 3.31 -2.90	50.55 3.15 -0.75	56.51 3.72 -0.79	55.46 3.73 -0.79	81.86 5.13 -0.01	143.90 9.14 0.00	85.68 5.50 0.00	66.12 3.94 0.00	85.06 4.99 -0.97	92.60 4.97 -10.33	70.24 3.82 -5.15	56.37 3.25 -0.73	55.32 3.02 -0.20
GLENWOOD_IC_2_G1 23688	38.16 2.12 0.00	35.85 1.91 0.00	33.64 1.75 0.00	35.73 1.82 0.00	33.83 1.73 0.00	38.22 2.00 0.00	74.87 4.05 0.00	88.46 4.72 0.00	50.69 2.32 0.00	38.50 1.94 0.00	54.23 3.25 0.00	48.28 3.03 0.00	47.41 2.92 0.00	55.50 3.46 0.00	54.41 3.46 0.00	81.53 4.80 0.00	143.26 8.51 0.00	85.27 5.09 0.00	65.80 3.62 0.00	83.67 4.56 0.00	81.77 4.47 0.00	64.75 3.48 0.00	55.34 2.96 0.00	54.82 2.72 0.00
GLENWOOD_IC_3_G1 23689	38.16 2.12 0.00	35.85 1.91 0.00	33.64 1.75 0.00	35.73 1.82 0.00	33.83 1.73 0.00	38.22 2.00 0.00	74.87 4.05 0.00	88.46 4.72 0.00	50.69 2.32 0.00	38.50 1.94 0.00	54.23 3.25 0.00	48.28 3.03 0.00	47.41 2.92 0.00	55.50 3.46 0.00	54.41 3.46 0.00	81.53 4.80 0.00	143.26 8.51 0.00	85.27 5.09 0.00	65.80 3.62 0.00	83.67 4.56 0.00	81.77 4.47 0.00	64.75 3.48 0.00	55.34 2.96 0.00	54.82 2.72 0.00
GLENWOOD____4 23550	38.31 2.27 0.00	36.03 2.09 0.00	33.78 1.88 0.00	35.88 1.97 0.00	33.96 1.86 0.00	38.35 2.14 0.00	75.13 4.31 0.00	88.77 5.02 0.00	50.81 2.44 0.00	38.61 2.05 0.00	54.52 3.53 -1.35	49.92 3.31 -2.90	50.55 3.15 -0.75	56.51 3.72 -0.79	55.46 3.73 -0.79	81.86 5.13 -0.01	143.90 9.14 0.00	85.68 5.50 0.00	66.12 3.94 0.00	85.06 4.99 -0.97	92.60 4.97 -10.33	70.24 3.82 -5.15	56.37 3.25 -0.73	55.32 3.02 -0.20
GLENWOOD____5 23614	38.31 2.27 0.00	36.03 2.09 0.00	33.78 1.88 0.00	35.88 1.97 0.00	33.96 1.86 0.00	38.35 2.14 0.00	75.13 4.31 0.00	88.77 5.02 0.00	50.81 2.44 0.00	38.61 2.05 0.00	54.52 3.53 -1.35	49.92 3.31 -2.90	50.55 3.15 -0.75	56.51 3.72 -0.79	55.46 3.73 -0.79	81.86 5.13 -0.01	143.90 9.14 0.00	85.68 5.50 0.00	66.12 3.94 0.00	85.06 4.99 -0.97	92.60 4.97 -10.33	70.24 3.82 -5.15	56.37 3.25 -0.73	55.32 3.02 -0.20
GLOBAL GREEN_PORT_GT1 23814	39.74 3.70 0.00	37.49 3.56 0.01	35.10 3.21 0.00	37.30 3.39 0.00	35.33 3.23 0.00	40.02 3.67 -0.14	86.94 7.11 -9.01	103.56 8.20 -11.61	56.87 4.13 -4.37	40.56 3.37 -0.63	56.88 5.90 0.00	49.77 5.19 0.67	47.62 4.58 1.45	60.90 5.89 -2.98	59.91 6.09 -2.87	93.48 8.27 -8.49	163.69 15.99 -12.94	99.63 9.93 -9.52	75.56 7.52 -5.86	100.02 9.48 -11.43	88.90 9.18 -2.41	70.40 6.89 -2.24	60.82 5.92 -2.51	57.58 5.51 0.04
GLOBE____DSASP 323697	33.35 -2.69 0.00	31.37 -2.57 0.00	29.45 -2.45 0.00	31.05 -2.86 0.00	29.33 -2.77 0.00	33.05 -3.16 0.00	64.85 -5.97 0.00	74.19 -7.91 1.64	44.45 -3.92 0.00	33.64 -2.93 0.00	47.21 -3.77 0.00	41.52 -3.40 0.33	40.83 -3.67 0.00	47.79 -4.24 0.00	42.03 -4.20 4.72	55.10 -7.88 13.74	101.55 -13.73 19.48	69.97 -7.62 2.59	56.44 -5.74 0.00	72.21 -6.87 0.02	68.93 -6.68 1.69	56.37 -4.90 0.00	49.72 -2.66 0.00	50.69 -1.41 0.00
GOETHSLN____LBMP 323567	38.07 2.03 0.00	35.71 1.78 0.00	33.54 1.64 0.00	35.60 1.69 0.00	33.74 1.64 0.00	38.14 1.93 0.00	74.80 3.98 0.00	88.37 4.62 0.00	50.74 2.37 0.00	39.44 2.01 -0.87	54.04 3.06 0.00	48.09 2.84 0.00	47.34 2.84 0.00	55.37 3.34 0.00	54.26 3.31 0.00	81.45 4.73 0.00	142.93 8.17 0.00	85.01 4.83 0.00	65.48 3.31 0.00	83.22 4.12 0.00	81.23 3.92 0.00	64.43 3.16 0.00	55.06 2.68 0.00	54.55 2.46 0.00
GOLAH____69_KV_TB 1_2 80279	35.26 -0.78 0.00	33.17 -0.76 0.00	31.15 -0.74 0.00	32.94 -0.96 0.00	31.21 -0.89 0.00	35.28 -0.93 0.00	69.37 -1.45 0.00	80.72 -2.04 0.99	47.61 -0.76 0.00	35.95 -0.61 0.00	50.27 -0.71 0.00	44.40 -0.65 0.21	43.62 -0.88 0.00	51.05 -0.98 0.00	47.12 -0.98 2.85	66.59 -2.09 8.04	120.60 -3.37 10.79	77.25 -1.38 1.55	61.15 -1.03 0.00	77.94 -1.16 0.01	74.98 -1.31 1.02	60.31 -0.96 0.00	52.29 -0.09 0.00	52.77 0.67 0.00
GOODYEAR_LAKE_HYD 323669	36.76 0.73 0.00	34.57 0.64 0.00	32.49 0.59 0.00	34.57 0.66 0.00	32.73 0.62 0.00	37.09 0.88 0.00	74.70 3.88 0.00	88.55 4.48 -0.32	50.78 2.41 0.00	37.55 0.98 0.00	52.46 1.48 0.00	46.57 1.32 0.00	45.83 1.34 0.00	53.64 1.60 0.00	52.59 1.64 0.00	79.15 2.42 0.00	138.92 4.16 0.00	82.72 2.54 0.00	64.09 1.91 0.00	81.53 2.42 0.00	79.61 2.31 0.00	62.97 1.70 0.00	53.78 1.40 0.00	53.44 1.34 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	36.02 -0.02 0.00	33.89 -0.05 0.00	31.84 -0.06 0.00	33.81 -0.10 0.00	32.08 -0.02 0.00	36.28 0.06 0.00	71.01 0.18 0.00	83.98 0.55 0.33	48.75 0.38 0.00	36.83 0.27 0.00	51.40 0.42 0.00	45.36 0.30 0.20	44.83 0.34 0.00	52.44 0.41 0.00	49.49 0.54 1.99	72.28 0.83 5.28	128.83 1.38 7.30	80.07 0.90 1.01	62.88 0.70 0.00	80.00 0.91 0.01	77.45 0.81 0.66	61.95 0.67 0.00	53.05 0.66 0.00	52.84 0.74 0.00

GOUDEY___7 23579	36.02 -0.02 0.00	33.89 -0.05 0.00	31.84 -0.06 0.00	33.81 -0.10 0.00	32.08 -0.02 0.00	36.28 0.06 0.00	71.01 0.18 0.00	83.98 0.55 0.33	48.75 0.38 0.00	36.83 0.27 0.00	51.40 0.42 0.00	45.36 0.30 0.20	44.83 0.34 0.00	52.44 0.41 0.00	49.49 0.54 1.99	72.28 0.83 5.28	128.83 1.38 7.30	80.07 0.90 1.01	62.88 0.70 0.00	80.00 0.91 0.01	77.45 0.81 0.66	61.95 0.67 0.00	53.05 0.66 0.00	52.84 0.74 0.00
GOUDEY___8 23580	36.02 -0.02 0.00	33.89 -0.05 0.00	31.84 -0.06 0.00	33.81 -0.10 0.00	32.08 -0.02 0.00	36.28 0.06 0.00	71.01 0.18 0.00	83.98 0.55 0.33	48.75 0.38 0.00	36.83 0.27 0.00	51.40 0.42 0.00	45.36 0.30 0.20	44.83 0.34 0.00	52.44 0.41 0.00	49.49 0.54 1.99	72.28 0.83 5.28	128.83 1.38 7.30	80.07 0.90 1.01	62.88 0.70 0.00	80.00 0.91 0.01	77.45 0.81 0.66	61.95 0.67 0.00	53.05 0.66 0.00	52.84 0.74 0.00
GOWANUS_GT1_1 24077	38.30 2.25 0.00	35.94 2.01 0.00	33.73 1.84 0.00	35.80 1.90 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.94 0.00	51.11 2.74 0.00	39.72 2.29 -0.87	54.41 3.43 0.00	48.47 3.21 0.00	47.67 3.17 0.00	55.74 3.70 0.00	54.58 3.63 0.00	81.84 5.11 0.00	143.62 8.86 0.00	85.47 5.29 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.41 0.00	64.87 3.59 0.00	55.51 3.12 0.00	54.94 2.85 0.00
GOWANUS_GT1_2 24078	38.30 2.25 0.00	35.94 2.01 0.00	33.73 1.84 0.00	35.80 1.90 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.94 0.00	51.11 2.74 0.00	39.72 2.29 -0.87	54.41 3.43 0.00	48.47 3.21 0.00	47.67 3.17 0.00	55.74 3.70 0.00	54.58 3.63 0.00	81.84 5.11 0.00	143.62 8.86 0.00	85.47 5.29 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.41 0.00	64.87 3.59 0.00	55.51 3.12 0.00	54.94 2.85 0.00
GOWANUS_GT1_3 24079	38.30 2.25 0.00	35.94 2.01 0.00	33.73 1.84 0.00	35.80 1.90 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.94 0.00	51.11 2.74 0.00	39.72 2.29 -0.87	54.41 3.43 0.00	48.47 3.21 0.00	47.67 3.17 0.00	55.74 3.70 0.00	54.58 3.63 0.00	81.84 5.11 0.00	143.62 8.86 0.00	85.47 5.29 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.41 0.00	64.87 3.59 0.00	55.51 3.12 0.00	54.94 2.85 0.00
GOWANUS_GT1_4 24080	38.30 2.25 0.00	35.94 2.01 0.00	33.73 1.84 0.00	35.80 1.90 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.94 0.00	51.11 2.74 0.00	39.72 2.29 -0.87	54.41 3.43 0.00	48.47 3.21 0.00	47.67 3.17 0.00	55.74 3.70 0.00	54.58 3.63 0.00	81.84 5.11 0.00	143.62 8.86 0.00	85.47 5.29 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.41 0.00	64.87 3.59 0.00	55.51 3.12 0.00	54.94 2.85 0.00
GOWANUS_GT1_5 24084	38.30 2.25 0.00	35.94 2.01 0.00	33.73 1.84 0.00	35.80 1.90 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.94 0.00	51.11 2.74 0.00	39.72 2.29 -0.87	54.41 3.43 0.00	48.47 3.21 0.00	47.67 3.17 0.00	55.74 3.70 0.00	54.58 3.63 0.00	81.84 5.11 0.00	143.62 8.86 0.00	85.47 5.29 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.41 0.00	64.87 3.59 0.00	55.51 3.12 0.00	54.94 2.85 0.00
GOWANUS_GT1_6 24111	38.30 2.25 0.00	35.94 2.01 0.00	33.73 1.84 0.00	35.80 1.90 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.94 0.00	51.11 2.74 0.00															

GOWANUS_GT2_6 24119	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.95 0.00	51.12 2.75 0.00	39.72 2.30 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
GOWANUS_GT2_7 24120	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.95 0.00	51.12 2.75 0.00	39.72 2.30 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
GOWANUS_GT2_8 24121	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.95 0.00	51.12 2.75 0.00	39.72 2.30 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
GOWANUS_GT3_1 24122	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.95 0.00	51.12 2.75 0.00	39.72 2.30 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
GOWANUS_GT3_2 24123	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.95 0.00	51.12 2.75 0.00	39.72 2.30 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
GOWANUS_GT3_3 24124	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.95 0.00	51.12 2.75 0.00	39.72 2.30 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
GOWANUS_GT3_4 24125	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.95 0.00	51.12 2.75 0.00	39.72 2.30 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
GOWANUS_GT3_5 24126	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.95 0.00	51.12 2.75 0.00	39.72 2.30 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
GOWANUS_GT3_6 24127	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.95 0.00	51.12 2.75 0.00	39.72 2.30 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
GOWANUS_GT3_7 24128	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.95 0.00	51.12 2.75 0.00	39.72 2.30 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
GOWANUS_GT3_8 24129	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.95 0.00	51.12 2.75 0.00	39.72 2.30 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
GOWANUS_GT4_1 24130	38.30 2.25 0.00	35.94 2.01 0.00	33.73 1.84 0.00	35.80 1.90 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.94 0.00	51.11 2.74 0.00	39.72 2.29 -0.87	54.41 3.43 0.00	48.47 3.21 0.00	47.67 3.17 0.00	55.74 3.70 0.00	54.58 3.63 0.00	81.84 5.11 0.00	143.62 8.86 0.00	85.47 5.29 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.41 0.00	64.87 3.59 0.00	55.51 3.12 0.00	54.94 2.85 0.00
GOWANUS_GT4_2 24131	38.30 2.25 0.00	35.94 2.01 0.00	33.73 1.84 0.00	35.80 1.90 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.94 0.00	51.11 2.74 0.00	39.72 2.29 -0.87	54.41 3.43 0.00	48.47 3.21 0.00	47.67 3.17 0.00	55.74 3.70 0.00	54.58 3.63 0.00	81.84 5.11 0.00	143.62 8.86 0.00	85.47 5.29 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.41 0.00	64.87 3.59 0.00	55.51 3.12 0.00	54.94 2.85 0.00
GOWANUS_GT4_3 24132	38.30 2.25 0.00	35.94 2.01 0.00	33.73 1.84 0.00	35.80 1.90 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.94 0.00	51.11 2.74 0.00	39.72 2.29 -0.87	54.41 3.43 0.00	48.47 3.21 0.00	47.67 3.17 0.00	55.74 3.70 0.00	54.58 3.63 0.00	81.84 5.11 0.00	143.62 8.86 0.00	85.47 5.29 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.41 0.00	64.87 3.59 0.00	55.51 3.12 0.00	54.94 2.85 0.00
GOWANUS_GT4_4 24133	38.30 2.25 0.00	35.94 2.01 0.00	33.73 1.84 0.00	35.80 1.90 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.94 0.00	51.11 2.74 0.00	39.72 2.29 -0.87	54.41 3.43 0.00	48.47 3.21 0.00	47.67 3.17 0.00	55.74 3.70 0.00	54.58 3.63 0.00	81.84 5.11 0.00	143.62 8.86 0.00	85.47 5.29 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.41 0.00	64.87 3.59 0.00	55.51 3.12 0.00	54.94 2.85 0.00

GOWANUS_GT4_5 24134	38.30 2.25 0.00	35.94 2.01 0.00	33.73 1.84 0.00	35.80 1.90 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.94 0.00	51.11 2.74 0.00	39.72 2.29 -0.87	54.41 3.43 0.00	48.47 3.21 0.00	47.67 3.17 0.00	55.74 3.70 0.00	54.58 3.63 0.00	81.84 5.11 0.00	143.62 8.86 0.00	85.47 5.29 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.41 0.00	64.87 3.59 0.00	55.51 3.12 0.00	54.94 2.85 0.00
GOWANUS_GT4_6 24135	38.30 2.25 0.00	35.94 2.01 0.00	33.73 1.84 0.00	35.80 1.90 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.94 0.00	51.11 2.74 0.00	39.72 2.29 -0.87	54.41 3.43 0.00	48.47 3.21 0.00	47.67 3.17 0.00	55.74 3.70 0.00	54.58 3.63 0.00	81.84 5.11 0.00	143.62 8.86 0.00	85.47 5.29 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.41 0.00	64.87 3.59 0.00	55.51 3.12 0.00	54.94 2.85 0.00
GOWANUS_GT4_7 24136	38.30 2.25 0.00	35.94 2.01 0.00	33.73 1.84 0.00	35.80 1.90 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.94 0.00	51.11 2.74 0.00	39.72 2.29 -0.87	54.41 3.43 0.00	48.47 3.21 0.00	47.67 3.17 0.00	55.74 3.70 0.00	54.58 3.63 0.00	81.84 5.11 0.00	143.62 8.86 0.00	85.47 5.29 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.41 0.00	64.87 3.59 0.00	55.51 3.12 0.00	54.94 2.85 0.00
GOWANUS_GT4_8 24137	38.30 2.25 0.00	35.94 2.01 0.00	33.73 1.84 0.00	35.80 1.90 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.94 0.00	51.11 2.74 0.00	39.72 2.29 -0.87	54.41 3.43 0.00	48.47 3.21 0.00	47.67 3.17 0.00	55.74 3.70 0.00	54.58 3.63 0.00	81.84 5.11 0.00	143.62 8.86 0.00	85.47 5.29 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.41 0.00	64.87 3.59 0.00	55.51 3.12 0.00	54.94 2.85 0.00
GREATVRV_69_KV_BK1 356245	38.81 2.78 0.00	36.58 2.65 0.00	34.24 2.35 0.00	36.38 2.48 0.00	34.42 2.32 0.00	38.94 2.62 -0.10	82.88 5.40 -6.65	98.62 6.30 -8.57	54.72 3.12 -3.23	39.58 2.55 -0.46	55.76 4.78 0.00	49.04 4.16 0.38	47.32 3.64 0.81	59.08 4.79 -2.27	58.10 4.96 -2.19	89.58 6.59 -6.27	156.84 12.52 -9.56	94.70 7.49 -7.03	72.16 5.65 -4.33	94.95 7.31 -8.53	87.27 7.27 -2.70	68.79 5.40 -2.11	58.99 4.68 -1.92	56.32 4.23 0.01
GREENBSH_115KV_TB3 55895	36.80 0.76 0.00	34.66 0.73 0.00	32.57 0.67 0.00	34.65 0.74 0.00	32.77 0.66 0.00	36.86 0.65 0.00	71.52 0.70 0.00	84.56 0.81 0.00	48.97 0.60 0.00	37.14 0.58 0.00	51.48 0.50 0.00	45.80 0.55 0.00	45.15 0.66 0.00	52.64 0.61 0.00	51.58 0.63 0.00	77.98 1.25 0.00	136.69 1.94 0.00	81.06 0.88 0.00	63.00 0.83 0.00	80.00 0.89 0.00	78.30 1.00 0.00	62.02 0.75 0.00	52.91 0.53 0.00	52.50 0.40 0.00
GREENDGE_115KV_TB5 80291	34.89 -1.15 0.00	32.74 -1.19 0.00	30.69 -1.21 0.00	32.44 -1.47 0.00	30.98 -1.12 0.00	35.32 -0.89 0.00	68.16 -2.66 0.00	70.99 -4.30 8.45	46.61 -1.77 0.00	35.66 -0.90 0.00	49.29 -1.69 0.00	41.54 -1.50 2.21	43.01 -1.48 0.00	50.10 -1.92 0.01	23.65 -2.10 25.20	14.82 -4.07 57.83	50.30 -6.19 78.27	65.34 -3.63 11.20	59.54 -2.63 0.01	75.52 -3.51 0.08	66.06 -3.92 7.32	58.68 -2.60 0.00	50.74 -1.65 0.00	51.58 -0.52 0.00
GREENIDGE___3 23582	34.89 -1.15 0.00	32.74 -1.19 0.00	30.69 -1.21 0.00	32.44 -1.47 0.00	30.98 -1.12 0.00	35.32 -0.89 0.00	68.16 -2.66 0.00	70.99 -4.30 8.45	46.61 -1.77 0.00	35.66 -0.90 0.00	49.29 -1.69 0.00	41.54 -1.50 2.21	43.01 -1.48 0.00	50.10 -1.92 0.01	23.65 -2.10 25.20	14.82 -4.07 57.83	50.30 -6.19 78.27	65.34 -3.63 11.20	59.54 -2.63 0.01	75.52 -3.51 0.08	66.06 -3.92 7.32	58.68 -2.60 0.00	50.74 -1.65 0.00	51.58 -0.52 0.00
GREENIDGE___4 23583	34.89 -1.15 0.00	32.74 -1.19 0.00	30.69 -1.21 0.00	32.44 -1.46 0.00	30.98 -1.12 0.00	35.32 -0.90 0.00	68.17 -2.65 0.00	71.00 -4.30 8.45	46.60 -1.77 0.00	35.66 -0.91 0.00	49.31 -1.67 0.00	41.53 -1.51 2.21	43.02 -1.47 0.00	50.14 -1.89 0.01	23.60 -2.15 25.20	14.78 -4.11 57.83	50.25 -6.24 78.27	65.32 -3.65 11.20	59.54 -2.63 0.01	75.49 -3.53 0.08	66.05 -3.94 7.32	58.65 -2.63 0.00	50.76 -1.62 0.00	51.54 -0.56 0.00
GREENLWN_69_KV_BK 3 55738	38.12 2.08 0.00	35.94 2.01 0.01	33.64 1.74 0.00	35.75 1.84 0.00	33.79 1.69 0.00	37.93 1.84 0.12	66.50 3.54 7.87	77.73 4.12 10.14	46.46 1.91 3.82	37.75 1.74 0.55	54.71 3.73 0.00	48.31 3.56 0.50	46.49 3.07 1.08	52.43 3.60 3.21	51.46 3.65 3.15	73.90 4.59 7.41	132.11 8.66 11.30	77.11 5.25 8.31	60.89 3.82 5.12	73.23 4.89 10.76	71.88 5.03 10.45	58.89 3.73 6.11	52.86 3.25 2.78	55.01 3.05 0.13
GREENWD_138_KV_38B11_REV_LBMP_J 345004	38.30 2.25 0.00	35.94 2.01 0.00	33.73 1.84 0.00	35.80 1.90 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.94 0.00	51.11 2.74 0.00	39.72 2.29 -0.87	54.41 3.43 0.00	48.47 3.21 0.00	47.67 3.17 0.00	55.74 3.70 0.00	54.58 3.63 0.00	81.84 5.11 0.00	143.62 8.86 0.00	85.47 5.29 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.41 0.00	64.87 3.59 0.00	55.51 3.12 0.00	54.94 2.85 0.00
GRISSOM___SOLAR 323813	36.96 0.93 0.00	34.78 0.84 0.00	32.69 0.80 0.00	34.77 0.86 0.00	32.96 0.86 0.00	37.31 1.09 0.00	73.52 2.70 0.00	87.02 3.28 0.00	50.06 1.69 0.00	37.60 1.04 0.00	52.21 1.23 0.00	46.24 0.98 0.00	45.62 1.13 0.00	53.13 1.10 0.00	51.63 0.68 0.00	79.08 2.36 0.00	139.74 4.99 0.00	83.32 3.14 0.00	64.59 2.41 0.00	82.20 3.09 0.00	80.16 2.86 0.00	63.42 2.15 0.00	54.05 1.67 0.00	53.56 1.46 0.00
GROVEVILLE___HYD 323602	38.20 2.16 0.00	35.86 1.93 0.00	33.68 1.78 0.00	35.80 1.89 0.00	33.90 1.80 0.00	38.33 2.12 0.00	75.20 4.38 0.00	88.90 5.16 0.00	51.11 2.73 0.00	38.71 2.15 0.00	54.20 3.22 0.00	48.17 2.91 0.00	47.41 2.92 0.00	55.46 3.42 0.00	54.38 3.43 0.00	81.89 5.17 0.00	143.77 9.01 0.00	85.55 5.37 0.00	66.10 3.92 0.00	84.00 4.90 0.00	82.01 4.71 0.00	64.98 3.71 0.00	55.48 3.09 0.00	54.89 2.79 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	35.82 -0.22 0.00	33.77 -0.16 0.00	31.74 -0.16 0.00	33.71 -0.20 0.00	31.95 -0.15 0.00	36.07 -0.15 0.00	70.59 -0.23 0.00	83.42 -0.32 0.00	48.28 -0.09 0.00	36.49 -0.07 0.00	50.90 -0.08 0.00	45.18 -0.14 -0.07	44.34 -0.15 0.00	51.90 -0.13 0.00	51.83 -0.10 -0.98	78.91 -0.19 -2.37	137.65 -0.29 -3.18	80.50 -0.14 -0.46	62.09 -0.09 0.00	78.87 -0.23 0.00	77.29 -0.31 -0.30	60.97 -0.30 0.00	52.18 -0.21 0.00	51.90 -0.20 0.00
HAMLTNNY_34_KV_TB 80303	35.86 -0.18 0.00	33.80 -0.13 0.00	31.77 -0.12 0.00	33.75 -0.16 0.00	32.01 -0.09 0.00	36.14 -0.08 0.00	70.70 -0.12 0.00	83.61 -0.14 0.00	48.39 0.02 0.00	36.56 0.00 0.00	51.01 0.03 0.00	45.12 -0.13 0.00	44.41 -0.08 0.00	51.99 -0.04 0.00	51.20 -0.01 -0.26	76.66 -0.06 0.00	134.67 -0.08 0.00	80.17 -0.01 0.00	62.24 0.05 0.00	79.07 -0.04 0.00	77.14 -0.17 0.00	61.08 -0.19 0.00	52.36 -0.02 0.00	52.14 0.04 0.00

HAMPSHIRE___PAPER_HYD 323593	35.05 -0.99 0.00	33.02 -0.91 0.00	31.05 -0.85 0.00	33.05 -0.86 0.00	31.35 -0.75 0.00	35.40 -0.81 0.00	69.33 -1.49 0.00	82.28 -1.47 0.00	47.59 -0.78 0.00	35.94 -0.62 0.00	50.19 -0.79 0.00	44.57 -0.68 0.00	43.61 -0.88 0.00	51.23 -0.81 0.00	50.18 -0.77 0.00	75.20 -1.52 0.00	132.65 -2.10 0.00	79.53 -0.65 0.00	61.22 -0.96 0.00	77.86 -1.25 0.00	75.85 -1.45 0.00	60.69 -0.58 0.00	51.79 -0.60 0.00	51.44 -0.66 0.00
HARDSCRABBLE_WT_PWR 323673	37.90 1.86 0.00	35.56 1.62 0.00	33.42 1.53 0.00	35.60 1.69 0.00	33.71 1.61 0.00	38.12 1.91 0.00	74.64 3.82 0.00	88.21 4.46 0.00	50.87 2.50 0.00	38.27 1.71 0.00	53.16 2.18 0.00	47.01 1.76 0.00	46.34 1.85 0.00	53.83 1.80 0.00	52.76 1.80 0.00	80.64 3.92 0.00	142.22 7.46 0.00	84.64 4.47 0.00	65.98 3.80 0.00	84.10 4.99 0.00	82.11 4.81 0.00	64.92 3.65 0.00	55.10 2.71 0.00	54.40 2.30 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.06 2.02 0.00	35.74 1.81 0.00	33.56 1.66 0.00	35.66 1.76 0.00	33.77 1.68 0.00	38.19 1.97 0.00	74.96 4.14 0.00	88.56 4.81 0.00	50.89 2.52 0.00	38.57 2.00 0.00	54.00 3.02 0.00	47.99 2.74 0.00	47.28 2.79 0.00	55.34 3.31 0.00	54.24 3.29 0.00	81.59 4.87 0.00	143.19 8.44 0.00	85.19 5.01 0.00	65.79 3.61 0.00	83.60 4.50 0.00	81.64 4.34 0.00	64.74 3.47 0.00	55.27 2.88 0.00	54.71 2.61 0.00
HARSNRAD_115KV_TB1 81005	33.91 -2.13 0.00	31.89 -2.04 0.00	29.94 -1.96 0.00	31.58 -2.33 0.00	29.85 -2.25 0.00	33.61 -2.60 0.00	65.97 -4.84 0.00	75.67 -6.45 1.63	45.21 -3.17 0.00	34.16 -2.40 0.00	47.91 -3.07 0.00	42.14 -2.79 0.32	41.43 -3.07 0.00	48.50 -3.53 0.00	42.91 -3.42 4.62	57.07 -6.13 13.51	104.97 -10.87 18.92	71.86 -5.76 2.55	57.80 -4.37 0.00	73.96 -5.12 0.02	70.66 -4.98 1.67	57.63 -3.65 0.00	50.52 -1.86 0.00	51.60 -0.50 0.00
HARZA MOOSE___RIVER 24016	35.57 -0.47 0.00	33.53 -0.41 0.00	31.53 -0.36 0.00	33.58 -0.32 0.00	31.86 -0.24 0.00	36.00 -0.22 0.00	70.63 -0.19 0.00	83.65 -0.10 0.00	48.45 0.08 0.00	36.62 0.07 0.00	51.02 0.04 0.00	45.29 0.03 0.00	44.32 -0.17 0.00	52.02 -0.02 0.00	51.16 0.21 0.00	77.12 0.39 0.00	136.39 1.63 0.00	81.90 1.73 0.00	63.04 0.86 0.00	79.89 0.79 0.00	77.60 0.30 0.00	61.71 0.44 0.00	52.54 0.15 0.00	52.08 -0.02 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	35.60 -0.44 0.00	33.55 -0.38 0.00	31.54 -0.35 0.00	33.49 -0.42 0.00	31.74 -0.36 0.00	35.81 -0.40 0.00	70.08 -0.73 0.00	82.83 -0.92 0.00	47.96 -0.41 0.00	36.24 -0.33 0.00	50.58 -0.40 0.00	44.84 -0.41 0.00	44.07 -0.42 0.00	51.57 -0.47 0.00	50.52 -0.43 0.00	76.03 -0.70 0.00	133.57 -1.18 0.00	79.50 -0.68 0.00	61.63 -0.55 0.00	78.34 -0.76 0.00	76.47 -0.83 0.00	60.57 -0.71 0.00	51.84 -0.55 0.00	51.57 -0.53 0.00
HELLGATE_13_KV_LD 55870	38.32 2.27 0.00	35.98 2.04 0.00	33.78 1.89 0.00	35.83 1.92 0.00	34.00 1.90 0.00	38.41 2.20 0.00	75.28 4.46 0.00	89.04 5.29 0.00	51.24 2.87 0.00	39.81 2.39 -0.85	54.57 3.59 0.00	48.60 3.35 0.00	47.79 3.29 0.00	55.89 3.86 0.00	54.75 3.80 0.00	82.16 5.44 0.00	144.22 9.46 0.00	85.74 5.56 0.00	66.06 3.89 0.00	83.92 4.82 0.00	81.90 4.60 0.00	64.99 3.72 0.00	55.56 3.18 0.00	54.99 2.89 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	38.32 2.27 0.00	35.98 2.04 0.00	33.78 1.89 0.00	35.83 1.92 0.00	34.00 1.90 0.00	38.41 2.20 0.00	75.28 4.46 0.00	89.04 5.29 0.00	51.24 2.87 0.00	39.81 2.39 -0.85	54.57 3.59 0.00	48.60 3.35 0.00	47.79 3.29 0.00	55.89 3.86 0.00	54.75 3.80 0.00	82.16 5.44 0.00	144.22 9.46 0.00	85.74 5.56 0.00	66.06 3.89 0.00	83.92 4.82 0.00	81.90 4.60 0.00	64.99 3.72 0.00	55.56 3.18 0.00	54.99 2.89 0.00
HEMPSTEAD___ 23647	38.14 2.11 0.00	35.93 1.99 0.00	33.65 1.75 0.00	35.74 1.83 0.00	33.81 1.71 0.00	38.18 1.96 0.00	74.66 3.84 0.00	88.22 4.47 0.00	50.53 2.15 0.00	38.41 1.86 0.00	54.47 3.48 0.00	50.30 3.28 -1.77	51.33 3.04 -3.79	56.63 3.62 -0.98	55.64 3.67 -1.02	81.57 4.84 -0.01	143.53 8.77 0.00	85.48 5.30 0.00	66.00 3.82 0.00	85.24 4.88 -1.26	95.69 4.90 -13.49	71.70 3.71 -6.72	56.50 3.16 -0.95	55.34 2.97 -0.27
HICKLING___1 23621	34.23 -1.81 0.00	32.12 -1.81 0.00	30.12 -1.78 0.00	31.84 -2.07 0.00	30.42 -1.69 0.00	34.65 -1.56 0.00	67.50 -3.32 0.00	72.17 -5.80 5.77	45.43 -2.94 0.00	34.26 -2.30 0.00	47.71 -3.27 0.00	40.75 -3.09 1.42	41.49 -3.01 0.00	48.56 -3.47 0.00	30.67 -3.66 16.62	29.49 -5.53 41.70	68.17 -10.05 56.53	66.79 -5.33 8.06	58.25 -3.92 0.00	74.44 -4.61 0.06	66.98 -5.06 5.26	57.79 -3.48 0.00	49.98 -2.41 0.00	50.68 -1.42 0.00
HICKLING___2 23622	34.23 -1.81 0.00	32.12 -1.81 0.00	30.12 -1.78 0.00	31.84 -2.07 0.00	30.42 -1.69 0.00	34.65 -1.56 0.00	67.50 -3.32 0.00	72.17 -5.80 5.77	45.43 -2.94 0.00	34.26 -2.30 0.00	47.71 -3.27 0.00	40.75 -3.09 1.42	41.49 -3.01 0.00	48.56 -3.47 0.00	30.67 -3.66 16.62	29.49 -5.53 41.70	68.17 -10.05 56.53	66.79 -5.33 8.06	58.25 -3.92 0.00	74.44 -4.61 0.06	66.98 -5.06 5.26	57.79 -3.48 0.00	49.98 -2.41 0.00	50.68 -1.42 0.00
HIGH FALLS___HY 23754	38.27 2.22 0.00	35.90 1.97 0.00	33.72 1.83 0.00	35.84 1.93 0.00	33.94 1.85 0.00	38.43 2.21 0.00	75.59 4.77 0.00	89.71 5.97 0.00	51.45 3.08 0.00	38.91 2.35 0.00	54.56 3.58 0.00	48.43 3.17 0.00	47.59 3.10 0.00	55.69 3.66 0.00	54.61 3.66 0.00	82.32 5.60 0.00	144.45 9.69 0.00	86.03 5.86 0.00	66.45 4.27 0.00	84.48 5.38 0.00	82.48 5.17 0.00	65.33 4.06 0.00	55.76 3.38 0.00	55.15 3.05 0.00
HIGH_RIVER___SOLAR 323847	36.88 0.84 0.00	34.70 0.76 0.00	32.61 0.72 0.00	34.71 0.79 0.00	32.88 0.78 0.00	37.19 0.98 0.00	73.19 2.37 0.00	86.60 2.85 0.00	49.73 1.36 0.00	37.23 0.67 0.00	51.78 0.80 0.00	45.92 0.67 0.00	45.27 0.78 0.00	52.95 0.92 0.00	51.74 0.79 0.00	78.55 1.82 0.00	139.21 4.46 0.00	82.97 2.80 0.00	64.36 2.18 0.00	81.85 2.74 0.00	79.87 2.57 0.00	63.21 1.93 0.00	53.89 1.50 0.00	53.42 1.32 0.00
HILLBURN___GT 23639	37.98 1.94 0.00	35.68 1.74 0.00	33.51 1.62 0.00	35.59 1.68 0.00	33.70 1.60 0.00	38.12 1.91 0.00	74.79 3.96 0.00	88.34 4.60 0.00	50.71 2.34 0.00	38.42 1.86 0.00	53.81 2.83 0.00	47.87 2.61 0.00	47.16 2.67 0.00	55.21 3.18 0.00	54.10 3.15 0.00	81.32 4.59 0.00	142.64 7.89 0.00	84.85 4.67 0.00	65.47 3.29 0.00	83.21 4.10 0.00	81.27 3.97 0.00	64.47 3.20 0.00	55.08 2.70 0.00	54.54 2.44 0.00
HILLSIDE_115KV_TB1 80332	33.89 -2.15 0.00	31.79 -2.15 0.00	29.82 -2.08 0.00	31.54 -2.37 0.00	30.13 -1.97 0.00	34.33 -1.88 0.00	66.72 -4.10 5.55	71.37 -6.83 0.00	44.85 -3.52 0.00	33.88 -2.68 0.00	47.29 -3.69 0.00	40.42 -3.51 1.33	41.11 -3.38 0.00	48.09 -3.94 0.00	31.19 -4.16 15.60	31.15 -6.38 39.19	69.75 -11.87 53.14	66.19 -6.42 7.57	57.47 -4.70 0.00	73.51 -5.54 0.05	66.37 -5.99 4.94	57.10 -4.18 0.00	49.32 -3.06 0.00	49.90 -2.20 0.00

HISHELDN_WT_PWR 323625	33.41 -2.63 0.00	31.38 -2.56 0.00	29.45 -2.44 0.00	31.10 -2.81 0.00	29.53 -2.57 0.00	33.45 -2.77 0.00	65.58 -5.24 0.00	73.82 -7.30 2.62	44.57 -3.81 0.00	33.47 -3.09 0.00	46.66 -4.32 0.00	40.84 -4.06 0.36	40.46 -4.04 0.00	47.57 -4.46 0.00	39.75 -4.53 6.68	48.07 -7.18 21.46	93.08 -12.32 29.36	69.32 -6.79 4.06	56.99 -5.18 0.00	72.99 -6.09 0.03	68.51 -6.14 2.65	56.95 -4.32 0.00	49.90 -2.49 0.00	50.95 -1.15 0.00
HOLTSVILLE_IC_1 23690	38.37 2.33 0.00	36.19 2.27 0.01	33.88 1.99 0.00	36.00 2.09 0.00	34.05 1.95 0.00	38.49 2.13 -0.14	84.32 3.97 -9.53	100.55 4.52 -12.28	55.12 2.12 -4.63	39.15 1.92 -0.67	54.98 4.00 0.00	48.22 3.66 0.69	46.17 3.16 1.49	59.15 3.96 -3.16	58.03 4.03 -3.05	90.66 4.96 -8.98	158.08 9.63 -13.69	96.16 5.92 -10.07	72.73 4.36 -6.20	96.76 5.54 -12.11	85.52 5.50 -2.72	67.85 4.13 -2.45	58.70 3.65 -2.67	55.43 3.37 0.03
HOLTSVILLE_IC_10 23699	38.54 2.51 0.00	36.35 2.42 0.01	34.02 2.13 0.00	36.15 2.24 0.00	34.20 2.10 0.00	38.65 2.32 -0.12	82.94 4.37 -7.74	98.71 4.99 -9.98	54.50 2.37 -3.76	39.21 2.10 -0.54	55.25 4.27 0.00	48.49 3.86 0.62	46.50 3.33 1.33	58.79 4.22 -2.54	57.71 4.31 -2.45	89.38 5.36 -7.30	156.43 10.55 -11.13	94.83 6.47 -8.18	72.01 4.80 -5.04	95.01 6.10 -9.80	85.10 6.01 -1.78	67.55 4.50 -1.78	58.48 3.96 -2.14	55.70 3.64 0.04
HOLTSVILLE_IC_2 23691	38.37 2.33 0.00	36.19 2.27 0.01	33.88 1.99 0.00	36.00 2.09 0.00	34.05 1.95 0.00	38.49 2.13 -0.14	84.32 3.97 -9.53	100.55 4.52 -12.28	55.12 2.12 -4.63	39.15 1.92 -0.67	54.98 4.00 0.00	48.22 3.66 0.69	46.17 3.16 1.49	59.15 3.96 -3.16	58.03 4.03 -3.05	90.66 4.96 -8.98	158.08 9.63 -13.69	96.16 5.92 -10.07	72.73 4.36 -6.20	96.76 5.54 -12.11	85.52 5.50 -2.72	67.85 4.13 -2.45	58.70 3.65 -2.67	55.43 3.37 0.03
HOLTSVILLE_IC_3 23692	38.37 2.33 0.00	36.19 2.27 0.01	33.88 1.99 0.00	36.00 2.09 0.00	34.05 1.95 0.00	38.49 2.13 -0.14	84.32 3.97 -9.53	100.55 4.52 -12.28	55.12 2.12 -4.63	39.15 1.92 -0.67	54.98 4.00 0.00	48.22 3.66 0.69	46.17 3.16 1.49	59.15 3.96 -3.16	58.03 4.03 -3.05	90.66 4.96 -8.98	158.08 9.63 -13.69	96.16 5.92 -10.07	72.73 4.36 -6.20	96.76 5.54 -12.11	85.52 5.50 -2.72	67.85 4.13 -2.45	58.70 3.65 -2.67	55.43 3.37 0.03
HOLTSVILLE_IC_4 23693	38.37 2.33 0.00	36.19 2.27 0.01	33.88 1.99 0.00	36.00 2.09 0.00	34.05 1.95 0.00	38.49 2.13 -0.14	84.32 3.97 -9.53	100.55 4.52 -12.28	55.12 2.12 -4.63	39.15 1.92 -0.67	54.98 4.00 0.00	48.22 3.66 0.69	46.17 3.16 1.49	59.15 3.96 -3.16	58.03 4.03 -3.05	90.66 4.96 -8.98	158.08 9.63 -13.69	96.16 5.92 -10.07	72.73 4.36 -6.20	96.76 5.54 -12.11	85.52 5.50 -2.72	67.85 4.13 -2.45	58.70 3.65 -2.67	55.43 3.37 0.03
HOLTSVILLE_IC_5 23694	38.37 2.33 0.00	36.19 2.27 0.01	33.88 1.99 0.00	36.00 2.09 0.00	34.05 1.95 0.00	38.49 2.13 -0.14	84.32 3.97 -9.53	100.55 4.52 -12.28	55.12 2.12 -4.63	39.15 1.92 -0.67	54.98 4.00 0.00	48.22 3.66 0.69	46.17 3.16 1.49	59.15 3.96 -3.16	58.03 4.03 -3.05	90.66 4.96 -8.98	158.08 9.63 -13.69	96.16 5.92 -10.07	72.73 4.36 -6.20	96.76 5.54 -12.11	85.52 5.50 -2.72	67.85 4.13 -2.45	58.70 3.65 -2.67	55.43 3.37 0.03
HOLTSVILLE_IC_6 23695	38.54 2.51 0.00	36.35 2.42 0.01	34.02 2.13 0.00	36.15 2.24 0.00	34.20 2.10 0.00	38.65 2.32 -0.12	82.94 4.37 -7.74	98.71 4.99 -9.98	54.50 2.37 -3.76	39.21 2.10 -0.54	55.25 4.27 0.00	48.49 3.86 0.62	46.50 3.33 1.33	58.79 4.22 -2.54	57.71 4.31 -2.45	89.38 5.36 -7.30	156.43 10.55 -11.13	94.83 6.47 -8.18	72.01 4.80 -5.04	95.01 6.10 -9.80	85.10 6.01 -1.78	67.55 4.50 -1.78	58.48 3.96 -2.14	55.70 3.64 0.04
HOLTSVILLE_IC_7 23696	38.54 2.51 0.00	36.35 2.42 0.01	34.02 2.13 0.00	36.15 2.24 0.00	34.20 2.10 0.00	38.65 2.32 -0.12	82.94 4.37 -7.74	98.71 4.99 -9.98	54.50 2.37 -3.76	39.21 2.10 -0.54	55.25 4.27 0.00	48.49 3.86 0.62	46.50 3.33 1.33	58.79 4.22 -2.54	57.71 4.31 -2.45	89.38 5.36 -7.30	156.43 10.55 -11.13	94.83 6.47 -8.18	72.01 4.80 -5.04	95.01 6.10 -9.80	85.10 6.01 -1.78	67.55 4.50 -1.78	58.48 3.96 -2.14	55.70 3.64 0.04
HOLTSVILLE_IC_8 23697	38.54 2.51 0.00	36.35 2.42 0.01	34.02 2.13 0.00	36.15 2.24 0.00	34.20 2.10 0.00	38.65 2.32 -0.12	82.94 4.37 -7.74	98.71 4.99 -9.98	54.50 2.37 -3.76	39.21 2.10 -0.54	55.25 4.27 0.00	48.49 3.86 0.62	46.50 3.33 1.33	58.79 4.22 -2.54	57.71 4.31 -2.45	89.38 5.36 -7.30	156.43 10.55 -11.13	94.83 6.47 -8.18	72.01 4.80 -5.04	95.01 6.10 -9.80	85.10 6.01 -1.78	67.55 4.50 -1.78	58.48 3.96 -2.14	55.70 3.64 0.04
HOLTSVILLE_IC_9 23698	38.54 2.51 0.00	36.35 2.42 0.01	34.02 2.13 0.00	36.15 2.24 0.00	34.20 2.10 0.00	38.65 2.32 -0.12	82.94 4.37 -7.74	98.71 4.99 -9.98	54.50 2.37 -3.76	39.21 2.10 -0.54	55.25 4.27 0.00	48.49 3.86 0.62	46.50 3.33 1.33	58.79 4.22 -2.54	57.71 4.31 -2.45	89.38 5.36 -7.30	156.43 10.55 -11.13	94.83 6.47 -8.18	72.01 4.80 -5.04	95.01 6.10 -9.80	85.10 6.01 -1.78	67.55 4.50 -1.78	58.48 3.96 -2.14	55.70 3.64 0.04
HOMER_HL_115KV_TB2 355744	34.68 -1.36 0.00	32.58 -1.36 0.00	30.59 -1.31 0.00	32.33 -1.58 0.00	30.78 -1.32 0.00	34.89 -1.33 0.00	67.84 -2.98 0.00	76.36 -4.90 2.49	45.82 -2.55 0.00	34.76 -1.80 0.00	48.83 -2.15 0.00	42.68 -1.99 0.59	42.46 -2.04 0.00	49.59 -2.45 0.00	40.57 -2.76 7.62	50.84 -5.01 20.87	95.88 -9.97 28.91	70.68 -5.51 3.99	57.91 -4.26 0.00	74.77 -4.31 0.03	70.78 -3.92 2.61	58.86 -2.41 0.00	51.38 -1.01 0.00	52.06 -0.04 0.00
HOWARD_WT_PWR 323690	33.00 -3.04 0.00	31.16 -2.77 0.00	29.08 -2.82 0.00	30.49 -3.42 0.00	29.02 -3.08 0.00	33.04 -3.18 0.00	64.86 -5.96 0.00	70.31 -8.34 5.10	44.23 -4.14 0.00	32.93 -3.63 0.00	45.25 -5.74 0.00	38.48 -5.41 1.37	39.24 -5.26 0.00	46.29 -5.74 0.00	28.94 -5.86 16.15	27.33 -7.81 41.58	65.42 -12.66 56.68	65.63 -6.48 8.06	57.11 -5.06 0.00	72.01 -7.03 0.06	64.76 -7.27 5.27	56.07 -5.21 0.00	48.90 -3.48 0.00	50.37 -1.73 0.00
HQ_GEN_CEDARS 23644	36.23 0.19 0.00	34.11 0.18 0.00	32.06 0.17 0.00	34.08 0.17 0.00	32.29 0.19 0.00	36.44 0.23 0.00	71.48 0.66 0.00	84.71 0.97 0.00	48.82 0.45 0.00	36.81 0.25 0.00	51.32 0.34 0.00	45.56 0.31 0.00	44.71 0.21 0.00	52.36 0.33 0.00	51.12 0.17 0.00	76.66 -0.06 0.00	134.93 0.17 0.00	80.44 0.26 0.00	62.37 0.19 0.00	79.61 0.51 0.00	77.75 0.44 0.00	61.78 0.51 0.00	52.86 0.48 0.00	52.75 0.65 0.00
HQ_GEN_CEDARS_PROXY 323590	36.23 0.19 0.00	34.12 0.18 0.00	32.06 0.17 0.00	34.09 0.17 0.00	32.29 0.20 0.00	36.44 0.23 0.00	71.48 0.66 0.00	84.72 0.97 0.00	48.82 0.45 0.00	36.81 0.25 0.00	51.32 0.34 0.00	45.56 0.31 0.00	44.71 0.21 0.00	52.36 0.33 0.00	51.12 0.17 0.00	74.42 -0.06 2.24	134.93 0.17 0.00	80.44 0.27 0.00	62.37 0.19 0.00	79.61 0.51 0.00	77.76 0.45 0.00	61.78 0.51 0.00	52.86 0.47 0.00	52.74 0.64 0.00

HQ_GEN_IMPORT 323601	35.84 -0.20 0.00	33.75 -0.19 0.00	31.71 -0.18 0.00	33.72 -0.19 0.00	31.93 -0.17 0.00	36.02 -0.19 0.00	70.57 -0.25 0.00	83.56 -0.19 0.00	48.19 -0.19 0.00	36.37 -0.19 0.00	50.70 -0.28 0.00	45.02 -0.24 0.00	44.24 -0.26 0.00	51.76 -0.27 0.00	50.63 -0.33 0.00	76.14 -0.58 0.00	133.88 -0.87 0.00	79.75 -0.43 0.00	61.87 -0.31 0.00	78.80 -0.31 0.00	77.08 -0.33 -0.11	61.02 -0.25 0.00	52.17 -0.22 0.00	51.98 -0.11 0.00
HQ_GEN_WHEEL 23651	35.84 -0.20 0.00	33.75 -0.19 0.00	31.71 -0.18 0.00	33.72 -0.19 0.00	31.93 -0.17 0.00	36.02 -0.19 0.00	70.57 -0.25 0.00	83.56 -0.19 0.00	48.19 -0.19 0.00	36.37 -0.19 0.00	50.70 -0.28 0.00	45.02 -0.24 0.00	44.24 -0.26 0.00	51.76 -0.27 0.00	50.63 -0.33 0.00	76.14 -0.58 0.00	133.88 -0.87 0.00	79.75 -0.43 0.00	61.87 -0.31 0.00	78.80 -0.31 0.00	77.08 -0.33 -0.11	61.02 -0.25 0.00	52.17 -0.22 0.00	51.98 -0.11 0.00
HUDSON AVE_GT_3 23810	38.24 2.20 0.00	35.86 1.93 0.00	33.68 1.78 0.00	35.76 1.85 0.00	33.89 1.79 0.00	38.31 2.10 0.00	75.15 4.33 0.00	88.85 5.11 0.00	51.04 2.67 0.00	39.66 2.23 -0.87	54.36 3.38 0.00	48.38 3.12 0.00	47.61 3.11 0.00	55.69 3.66 0.00	54.57 3.62 0.00	81.92 5.20 0.00	143.80 9.04 0.00	85.53 5.35 0.00	65.88 3.70 0.00	83.74 4.64 0.00	81.73 4.42 0.00	64.80 3.53 0.00	55.38 3.00 0.00	54.85 2.75 0.00
HUDSON AVE_GT_4 23540	38.24 2.20 0.00	35.86 1.93 0.00	33.68 1.78 0.00	35.76 1.85 0.00	33.89 1.79 0.00	38.31 2.10 0.00	75.15 4.33 0.00	88.85 5.11 0.00	51.04 2.67 0.00	39.66 2.23 -0.87	54.36 3.38 0.00	48.38 3.12 0.00	47.61 3.11 0.00	55.69 3.66 0.00	54.57 3.62 0.00	81.92 5.20 0.00	143.80 9.04 0.00	85.53 5.35 0.00	65.88 3.70 0.00	83.74 4.64 0.00	81.73 4.42 0.00	64.80 3.53 0.00	55.38 3.00 0.00	54.85 2.75 0.00
HUDSON AVE_GT_5 23657	38.24 2.20 0.00	35.86 1.93 0.00	33.68 1.78 0.00	35.76 1.85 0.00	33.89 1.79 0.00	38.31 2.10 0.00	75.15 4.33 0.00	88.85 5.11 0.00	51.04 2.67 0.00	39.66 2.23 0.00	54.36 3.38 0.00	48.38 3.12 0.00	47.61 3.11 0.00	55.69 3.66 0.00	54.57 3.62 0.00	81.92 5.20 0.00	143.80 9.04 0.00	85.53 5.35 0.00	65.88 3.70 0.00	83.74 4.64 0.00	81.73 4.42 0.00	64.80 3.53 0.00	55.38 3.00 0.00	54.85 2.75 0.00
HUDSON_AVE_10 24168	38.06 2.02 0.00	35.69 1.76 0.00	33.52 1.63 0.00	35.59 1.69 0.00	33.75 1.65 0.00	38.14 1.93 0.00	74.78 3.96 0.00	88.41 4.67 0.00	50.87 2.50 0.00	39.54 2.11 -0.87	54.13 3.15 0.00	48.17 2.92 0.00	47.41 2.91 0.00	55.44 3.41 0.00	54.33 3.38 0.00	81.56 4.83 0.00	143.14 8.38 0.00	85.14 4.96 0.00	65.61 3.43 0.00	83.38 4.27 0.00	81.38 4.08 0.00	64.52 3.24 0.00	55.14 2.76 0.00	54.59 2.49 0.00
HUDSON___115KV_TB 4 355613	37.51 1.47 0.00	35.31 1.38 0.00	33.17 1.27 0.00	35.29 1.38 0.00	33.39 1.29 0.00	37.65 1.43 0.00	73.29 2.47 0.00	86.89 3.14 0.00	51.48 3.11 0.00	38.96 2.40 0.00	53.67 2.69 0.00	47.72 2.47 0.00	46.71 2.22 0.00	54.61 2.58 0.00	53.68 2.73 0.00	81.22 4.50 0.00	144.08 9.32 0.00	85.89 5.72 0.00	66.70 4.52 0.00	84.63 5.52 0.00	82.61 5.31 0.00	65.25 3.98 0.00	55.55 3.17 0.00	54.97 2.87 0.00
HUNTER MOUNT___DRP 323613	37.62 1.58 0.00	35.41 1.48 0.00	33.27 1.38 0.00	35.40 1.49 0.00	33.51 1.40 0.00	37.79 1.58 0.00	73.63 2.81 0.00	87.29 3.55 0.00	51.31 2.94 0.00	38.86 2.30 0.00	53.47 2.49 0.00	47.54 2.29 0.00	46.57 2.07 0.00	54.38 2.35 0.00	53.43 2.48 0.00	80.92 4.19 0.00	143.54 8.79 0.00	85.53 5.36 0.00	66.45 4.27 0.00	84.28 5.18 0.00	82.30 5.00 0.00	65.01 3.73 0.00	55.34 2.96 0.00	54.75 2.65 0.00
HUNTINGTON_RES_REC 323705	38.26 2.22 0.00	36.07 2.14 0.01	33.76 1.87 0.00	35.87 1.96 0.00	33.91 1.81 0.00	38.18 1.99 0.03	72.50 3.79 2.11	85.40 4.36 2.71	49.38 2.03 1.02	38.26 1.84 0.15	54.91 3.93 0.00	48.30 3.63 0.59	46.32 3.10 1.27	54.69 3.77 1.11	53.67 3.83 1.11	79.50 4.77 1.99	141.07 9.34 3.03	83.66 5.71 2.22	65.02 4.21 1.37	81.24 5.34 3.21	76.36 5.35 6.29	61.87 3.97 3.38	54.87 3.47 0.99	55.21 3.22 0.11
HUNTLEY___63 23557	34.05 -1.99 0.00	32.01 -1.93 0.00	30.05 -1.84 0.00	31.71 -2.20 0.00	29.97 -2.13 0.00	33.85 -2.36 0.00	66.45 -4.37 0.00	76.01 -6.01 1.73	45.52 -2.86 0.00	34.40 -2.16 0.00	48.24 -2.74 0.00	42.40 -2.51 0.35	41.73 -2.77 0.00	48.89 -3.15 0.00	42.89 -3.10 4.96	56.54 -5.78 14.40	104.34 -10.18 20.24	72.06 -5.39 2.72	58.11 -4.07 0.00	74.32 -4.77 0.02	70.92 -4.61 1.78	57.96 -3.31 0.00	50.86 -1.53 0.00	51.87 -0.22 0.00
HUNTLEY___64 23558	34.05 -1.99 0.00	32.01 -1.93 0.00	30.05 -1.84 0.00	31.71 -2.20 0.00	29.97 -2.13 0.00	33.85 -2.36 0.00	66.45 -4.37 0.00	76.01 -6.01 1.73	45.52 -2.86 0.00	34.40 -2.16 0.00	48.24 -2.74 0.00	42.40 -2.51 0.35	41.73 -2.77 0.00	48.89 -3.15 0.00	42.89 -3.10 4.96	56.54 -5.78 14.40	104.34 -10.18 20.24	72.06 -5.39 2.72	58.11 -4.07 0.00	74.32 -4.77 0.02	70.92 -4.61 1.78	57.96 -3.31 0.00	50.86 -1.53 0.00	51.87 -0.22 0.00
HUNTLEY___65 23559	34.05 -1.99 0.00	32.01 -1.93 0.00	30.05 -1.84 0.00	31.71 -2.20 0.00	29.97 -2.13 0.00	33.85 -2.36 0.00	66.45 -4.37 0.00	76.01 -6.01 1.73	45.52 -2.86 0.00	34.40 -2.16 0.00	48.24 -2.74 0.00	42.40 -2.51 0.35	41.73 -2.77 0.00	48.89 -3.15 0.00	42.89 -3.10 4.96	56.54 -5.78 14.40	104.34 -10.18 20.24	72.06 -5.39 2.72	58.11 -4.07 0.00	74.32 -4.77 0.02	70.92 -4.61 1.78	57.96 -3.31 0.00	50.86 -1.53 0.00	51.87 -0.22 0.00
HUNTLEY___66 23560	34.05 -1.99 0.00	32.01 -1.93 0.00	30.05 -1.84 0.00	31.71 -2.20 0.00	29.97 -2.13 0.00	33.85 -2.36 0.00	66.45 -4.37 0.00	76.01 -6.01 1.73	45.52 -2.86 0.00	34.40 -2.16 0.00	48.24 -2.74 0.00	42.40 -2.51 0.35	41.73 -2.77 0.00	48.89 -3.15 0.00	42.89 -3.10 4.96	56.54 -5.78 14.40	104.34 -10.18 20.24	72.06 -5.39 2.72	58.11 -4.07 0.00	74.32 -4.77 0.02	70.92 -4.61 1.78	57.96 -3.31 0.00	50.86 -1.53 0.00	51.87 -0.22 0.00
HUNTLEY___67 23561	33.90 -2.15 0.00	31.88 -2.06 0.00	29.93 -1.96 0.00	31.58 -2.33 0.00	29.86 -2.24 0.00	33.71 -2.50 0.00	66.15 -4.68 0.00	75.60 -6.40 1.75	45.26 -3.11 0.00	34.21 -2.36 0.00	47.98 -3.00 0.00	42.13 -2.76 0.36	41.52 -2.98 0.00	48.60 -3.43 0.00	42.45 -3.44 5.06	55.96 -6.11 14.65	103.26 -10.81 20.69	71.63 -5.78 2.76	57.83 -4.34 0.00	74.06 -5.03 0.02	70.56 -4.94 1.80	57.70 -3.57 0.00	50.54 -1.85 0.00	51.48 -0.62 0.00
HUNTLEY___68 23562	33.90 -2.15 0.00	31.88 -2.06 0.00	29.93 -1.96 0.00	31.58 -2.33 0.00	29.86 -2.24 0.00	33.71 -2.50 0.00	66.15 -4.68 0.00	75.60 -6.40 1.75	45.26 -3.11 0.00	34.21 -2.36 0.00	47.98 -3.00 0.00	42.13 -2.76 0.36	41.52 -2.98 0.00	48.60 -3.43 0.00	42.45 -3.44 5.06	55.96 -6.11 14.65	103.26 -10.81 20.69	71.63 -5.78 2.76	57.83 -4.34 0.00	74.06 -5.03 0.02	70.56 -4.94 1.80	57.70 -3.57 0.00	50.54 -1.85 0.00	51.48 -0.62 0.00



HYLAND___LFGE 323620	36.03 -0.01 0.00	33.87 -0.07 0.00	31.74 -0.16 0.00	33.53 -0.38 0.00	31.88 -0.22 0.00	36.28 0.07 0.00	71.70 0.88 0.00	81.40 0.37 2.72	48.86 0.49 0.00	35.89 -0.68 0.00	49.53 -1.46 0.00	42.79 -1.72 0.75	42.85 -1.65 0.00	50.99 -1.04 0.00	41.24 -0.97 8.74	51.68 -1.57 23.47	101.34 -1.22 32.20	75.61 0.01 4.57	61.16 -1.02 0.00	77.90 -1.17 0.03	72.74 -1.58 2.99	60.08 -1.20 0.00	53.08 0.69 0.00	54.23 2.13 0.00
INDECK___CORINTH 23802	38.52 2.48 0.00	36.22 2.28 0.00	34.02 2.13 0.00	36.21 2.30 0.00	34.32 2.22 0.00	38.97 2.76 0.00	76.10 5.28 0.00	89.80 6.05 0.00	51.94 3.57 0.00	39.22 2.65 0.00	54.40 3.42 0.00	48.12 2.87 0.00	47.53 3.04 0.00	55.37 3.34 0.00	54.45 3.49 0.00	82.79 6.06 0.00	144.96 10.21 0.00	86.09 5.92 0.00	67.06 4.88 0.00	85.23 6.13 0.00	83.22 5.92 0.00	65.82 4.55 0.00	56.15 3.77 0.00	55.55 3.45 0.00
INDECK___ILION 23567	37.18 1.14 0.00	34.94 1.01 0.00	32.84 0.95 0.00	34.95 1.05 0.00	33.09 0.99 0.00	37.39 1.17 0.00	73.14 2.32 0.00	86.46 2.71 0.00	49.92 1.55 0.00	37.64 1.08 0.00	52.36 1.38 0.00	46.40 1.14 0.00	45.69 1.19 0.00	53.24 1.21 0.00	52.17 1.22 0.00	79.22 2.49 0.00	139.47 4.71 0.00	82.96 2.79 0.00	64.50 2.33 0.00	82.08 2.97 0.00	80.17 2.87 0.00	63.46 2.19 0.00	54.05 1.67 0.00	53.54 1.44 0.00
INDECK___OLEAN 23982	34.68 -1.36 0.00	32.57 -1.36 0.00	30.59 -1.30 0.00	32.33 -1.58 0.00	30.78 -1.32 0.00	34.88 -1.34 0.00	67.85 -2.97 0.00	76.34 -4.92 2.49	45.81 -2.56 0.00	34.75 -1.81 0.00	48.83 -2.15 0.00	42.64 -2.02 0.59	42.46 -2.03 0.00	49.55 -2.48 0.00	40.52 -2.81 7.62	50.82 -5.03 20.87	95.91 -9.94 28.91	70.68 -5.51 3.99	57.92 -4.26 0.00	74.76 -4.32 0.03	70.77 -3.93 2.61	58.87 -2.41 0.00	51.38 -1.01 0.00	52.06 -0.04 0.00
INDECK___OSWEGO 23783	35.04 -1.00 0.00	33.04 -0.89 0.00	31.06 -0.84 0.00	32.99 -0.92 0.00	31.27 -0.83 0.00	35.24 -0.97 0.00	68.93 -1.89 0.00	81.49 -2.26 0.00	47.17 -1.20 0.00	35.64 -0.93 0.00	49.69 -1.30 0.00	44.06 -1.20 0.00	43.29 -1.20 0.00	50.66 -1.37 0.00	49.65 -1.30 0.00	74.71 -2.01 0.00	131.42 -3.34 0.00	78.29 -1.89 0.00	60.65 -1.53 0.00	76.99 -2.12 0.00	75.20 -2.10 0.00	59.59 -1.69 0.00	50.96 -1.42 0.00	50.67 -1.43 0.00
INDECK___YERKES 23781	34.07 -1.97 0.00	32.03 -1.90 0.00	30.07 -1.82 0.00	31.74 -2.17 0.00	29.99 -2.11 0.00	33.88 -2.34 0.00	66.52 -4.30 0.00	76.07 -5.94 1.73	45.54 -2.83 0.00	34.42 -2.14 0.00	48.28 -2.70 0.00	42.41 -2.49 0.35	41.76 -2.73 0.00	48.92 -3.11 0.00	42.90 -3.09 4.96	56.59 -5.73 14.40	104.49 -10.03 20.24	72.14 -5.32 2.72	58.16 -4.01 0.00	74.38 -4.70 0.02	70.98 -4.55 1.78	58.02 -3.25 0.00	50.91 -1.48 0.00	51.93 -0.17 0.00
INDIAN POINT_GT_1 24139	37.92 1.89 0.00	35.61 1.68 0.00	33.45 1.55 0.00	35.53 1.62 0.00	33.65 1.55 0.00	38.03 1.81 0.00	74.57 3.75 0.00	88.08 4.33 0.00	50.58 2.21 0.00	38.35 1.79 0.00	53.74 2.75 0.00	47.80 2.54 0.00	47.06 2.56 0.00	55.07 3.03 0.00	53.96 3.01 0.00	81.12 4.39 0.00	142.38 7.63 0.00	84.69 4.51 0.00	65.36 3.18 0.00	83.06 3.96 0.00	81.11 3.81 0.00	64.31 3.04 0.00	54.96 2.57 0.00	54.43 2.33 0.00
INDIAN POINT_GT_2 23659	37.92 1.89 0.00	35.61 1.68 0.00	33.45 1.55 0.00	35.53 1.62 0.00	33.65 1.55 0.00	38.03 1.81 0.00	74.57 3.75 0.00	88.08 4.33 0.00	50.58 2.21 0.00	38.35 1.79 0.00	53.74 2.75 0.00	47.80 2.54 0.00	47.06 2.56 0.00	55.07 3.03 0.00	53.96 3.01 0.00	81.12 4.39 0.00	142.38 7.63 0.00	84.69 4.51 0.00	65.36 3.18 0.00	83.06 3.96 0.00	81.11 3.81 0.00	64.31 3.04 0.00	54.96 2.57 0.00	54.43 2.33 0.00
INDIAN POINT_GT_3 24019	37.92 1.89 0.00	35.61 1.68 0.00	33.45 1.55 0.00	35.53 1.62 0.00	33.65 1.55 0.00	38.03 1.81 0.00	74.57 3.75 0.00	88.08 4.33 0.00	50.58 2.21 0.00	38.35 1.79 0.00	53.74 2.75 0.00	47.80 2.54 0.00	47.06 2.56 0.00	55.07 3.03 0.00	53.96 3.01 0.00	81.12 4.39 0.00	142.38 7.63 0.00	84.69 4.51 0.00	65.36 3.18 0.00	83.06 3.96 0.00	81.11 3.81 0.00	64.31 3.04 0.00	54.96 2.57 0.00	54.43 2.33 0.00
INDIAN POINT___2 23530	37.92 1.88 0.00	35.60 1.67 0.00	33.44 1.54 0.00	35.52 1.61 0.00	33.64 1.54 0.00	38.02 1.80 0.00	74.56 3.74 0.00	88.06 4.31 0.00	50.55 2.18 0.00	38.33 1.76 0.00	53.70 2.72 0.00	47.77 2.51 0.00	47.04 2.54 0.00	55.05 3.02 0.00	53.95 3.00 0.00	81.08 4.35 0.00	142.25 7.50 0.00	84.62 4.45 0.00	65.30 3.12 0.00	83.01 3.91 0.00	81.06 3.77 0.00	64.30 3.02 0.00	54.94 2.56 0.00	54.41 2.31 0.00
INDIAN POINT___3 23531	37.91 1.87 0.00	35.60 1.67 0.00	33.43 1.54 0.00	35.52 1.61 0.00	33.64 1.54 0.00	38.01 1.80 0.00	74.52 3.70 0.00	88.04 4.29 0.00	50.54 2.17 0.00	38.31 1.75 0.00	53.68 2.70 0.00	47.75 2.50 0.00	47.03 2.53 0.00	55.03 3.00 0.00	53.94 2.99 0.00	81.08 4.36 0.00	142.25 7.49 0.00	84.61 4.43 0.00	65.30 3.12 0.00	83.01 3.90 0.00	81.06 3.77 0.00	64.28 3.01 0.00	54.93 2.55 0.00	54.39 2.30 0.00
INGHAM_C_115KV_TB7 356103	38.58 2.54 0.00	36.20 2.26 0.00	34.01 2.12 0.00	36.23 2.32 0.00	34.32 2.21 0.00	38.85 2.63 0.00	76.09 5.27 0.00	89.93 6.18 0.00	51.83 3.46 0.00	38.95 2.39 0.00	54.02 3.04 0.00	47.72 2.47 0.00	47.10 2.60 0.00	54.65 2.62 0.00	53.56 2.61 0.00	82.12 5.40 0.00	145.10 10.34 0.00	86.31 6.14 0.00	67.28 5.10 0.00	85.64 6.54 0.00	83.62 6.31 0.00	66.09 4.82 0.00	56.10 3.72 0.00	55.38 3.28 0.00
IP CORINTH___1 23988	38.52 2.48 0.00	36.22 2.28 0.00	34.02 2.13 0.00	36.21 2.30 0.00	34.32 2.22 0.00	38.97 2.76 0.00	76.10 5.28 0.00	89.80 6.05 0.00	51.94 3.57 0.00	39.22 2.65 0.00	54.40 3.42 0.00	48.12 2.87 0.00	47.53 3.04 0.00	55.37 3.34 0.00	54.45 3.49 0.00	82.79 6.06 0.00	144.97 10.21 0.00	86.09 5.91 0.00	67.06 4.88 0.00	85.23 6.12 0.00	83.23 5.92 0.00	65.82 4.55 0.00	56.15 3.77 0.00	55.54 3.45 0.00
IP___TICONDEROGA 23804	39.96 3.92 0.00	37.66 3.73 0.00	35.40 3.51 0.00	37.60 3.69 0.00	35.72 3.62 0.00	41.01 4.79 0.00	79.56 8.74 0.00	93.49 9.74 0.00	53.91 5.54 0.00	40.76 4.19 0.00	56.26 5.28 0.00	49.81 4.56 0.00	49.22 4.73 0.00	57.05 5.02 0.00	56.61 5.66 0.00	87.65 10.93 0.00	152.38 17.63 0.00	90.51 10.33 0.00	71.26 9.08 0.00	90.24 11.14 0.00	87.33 10.03 0.00	69.18 7.91 0.00	58.72 6.34 0.00	57.83 5.73 0.00
ISLIP_RES_REC 323679	38.67 2.63 0.00	36.46 2.53 0.01	34.14 2.25 0.00	36.27 2.37 0.00	34.32 2.22 0.00	38.79 2.46 -0.11	83.06 4.74 -7.51	98.85 5.43 -9.67	54.64 2.62 -3.64	39.37 2.28 -0.52	55.50 4.52 0.00	48.72 4.03 0.57	46.77 3.50 1.22	58.99 4.47 -2.48	57.90 4.56 -2.39	89.59 5.80 -7.07	156.91 11.36 -10.79	95.07 6.97 -7.93	72.24 5.18 -4.88	95.15 6.52 -9.53	85.67 6.40 -1.96	67.89 4.77 -1.84	58.64 4.17 -2.09	55.90 3.83 0.03

JAMAICA__27_KV_LOAD 355505	38.14 2.10 0.00	35.76 1.83 0.00	33.61 1.71 0.00	35.63 1.72 0.00	33.82 1.73 0.00	38.20 1.99 0.00	74.71 3.89 0.00	88.54 4.80 0.00	51.31 2.94 0.00	39.96 2.53 -0.87	54.40 3.42 0.00	48.39 3.13 0.00	47.60 3.11 0.00	55.65 3.62 0.00	54.49 3.55 0.00	81.73 5.01 0.00	143.52 8.77 0.00	85.42 5.25 0.00	65.83 3.65 0.00	83.67 4.57 0.00	81.71 4.41 0.00	64.81 3.54 0.00	55.44 3.05 0.00	54.82 2.72 0.00
JANIS__SOLAR 323808	36.77 0.73 0.00	34.63 0.69 0.00	32.47 0.58 0.00	34.56 0.65 0.00	32.83 0.72 0.00	37.21 1.00 0.00	73.46 2.64 0.00	90.20 3.30 -3.16	50.27 1.89 0.00	37.74 1.18 0.00	52.44 1.46 0.00	47.22 1.07 -0.89	45.71 1.21 0.00	53.43 1.40 0.00	65.60 1.52 -13.12	109.92 2.61 -30.59	180.79 5.25 -40.79	89.57 3.47 -5.93	64.87 2.69 0.00	82.59 3.44 -0.04	84.12 2.95 -3.87	63.40 2.13 0.00	54.16 1.78 0.00	53.98 1.88 0.00
JARVIS____ 23743	36.22 0.17 0.00	34.09 0.15 0.00	32.06 0.16 0.00	34.08 0.17 0.00	32.26 0.16 0.00	36.38 0.17 0.00	71.06 0.24 0.00	84.00 0.25 0.00	48.54 0.17 0.00	36.72 0.16 0.00	51.19 0.20 0.00	45.44 0.18 0.00	44.68 0.19 0.00	52.24 0.21 0.00	51.17 0.22 0.00	77.16 0.43 0.00	135.43 0.68 0.00	80.57 0.39 0.00	62.48 0.30 0.00	79.43 0.33 0.00	77.67 0.37 0.00	61.58 0.30 0.00	52.60 0.21 0.00	52.27 0.16 0.00
JENNISON____1 23625	36.00 -0.04 0.00	33.95 0.01 0.00	31.82 -0.08 0.00	33.92 0.01 0.00	32.20 0.10 0.00	36.52 0.30 0.00	73.02 2.20 0.00	87.43 2.90 -0.79	49.98 1.61 0.00	37.05 0.49 0.00	51.56 0.57 0.00	45.84 0.41 -0.18	45.06 0.56 0.00	52.75 0.72 0.00	54.88 0.88 -3.05	85.18 1.64 -6.82	147.07 3.35 -8.97	83.80 2.29 -1.33	63.87 1.69 0.00	81.25 2.14 -0.01	79.81 1.64 -0.87	62.24 0.96 0.00	53.18 0.79 0.00	53.05 0.95 0.00
JENNISON____2 23626	36.00 -0.04 0.00	33.95 0.01 0.00	31.82 -0.08 0.00	33.92 0.01 0.00	32.20 0.10 0.00	36.52 0.30 0.00	73.02 2.20 0.00	87.43 2.90 -0.79	49.98 1.61 0.00	37.05 0.49 0.00	51.56 0.57 0.00	45.84 0.41 0.00	45.06 0.56 0.00	52.75 0.72 0.00	54.88 0.88 -3.05	85.18 1.64 -6.82	147.07 3.35 -8.97	83.80 2.29 -1.33	63.87 1.69 0.00	81.25 2.14 -0.01	79.81 1.64 -0.87	62.24 0.96 0.00	53.18 0.79 0.00	53.05 0.95 0.00
JERICOHO_RISE_WT_PWR 323719	35.20 -0.84 0.00	33.13 -0.80 0.00	31.15 -0.74 0.00	33.14 -0.77 0.00	31.39 -0.71 0.00	35.39 -0.83 0.00	69.54 -1.28 0.00	82.49 -1.26 0.00	47.49 -0.88 0.00	35.79 -0.77 0.00	49.84 -1.14 0.00	44.34 -0.92 0.00	43.50 -0.99 0.00	50.94 -1.09 0.00	49.66 -1.29 0.00	74.53 -2.19 0.00	131.49 -3.27 0.00	78.47 -1.71 0.00	60.93 -1.25 0.00	77.80 -1.30 0.00	75.86 -1.44 0.00	60.23 -1.04 0.00	51.48 -0.91 0.00	51.30 -0.80 0.00
KATONAH__115KV_46KV_TB4 355592	38.08 2.04 0.00	35.75 1.82 0.00	33.58 1.68 0.00	35.68 1.77 0.00	33.79 1.69 0.00	38.21 1.99 0.00	74.92 4.10 0.00	88.53 4.79 0.00	50.86 2.49 0.00	38.57 2.01 0.00	54.05 3.07 0.00	48.06 2.81 0.00	47.29 2.79 0.00	55.31 3.28 0.00	54.22 3.27 0.00	81.55 4.82 0.00	143.20 8.44 0.00	85.19 5.02 0.00	65.78 3.60 0.00	83.60 4.49 0.00	81.61 4.31 0.00	64.69 3.42 0.00	55.23 2.84 0.00	54.68 2.58 0.00
KCE_NY_1 323755	37.99 1.94 0.00	35.72 1.78 0.00	33.54 1.65 0.00	35.73 1.82 0.00	33.85 1.75 0.00	38.30 2.09 0.00	74.80 3.98 0.00	88.26 4.51 0.00	51.07 2.70 0.00	38.55 1.99 0.00	53.56 2.58 0.00	47.44 2.18 0.00	46.84 2.35 0.00	54.68 2.64 0.00	53.67 2.71 0.00	81.29 4.57 0.00	142.66 7.90 0.00	84.57 4.39 0.00	65.84 3.66 0.00	83.72 4.61 0.00	81.82 4.52 0.00	64.69 3.42 0.00	55.23 2.84 0.00	54.68 2.58 0.00
KCE_NY_6_ESR 323823	34.16 -1.88 0.00	32.10 -1.84 0.00	30.14 -1.76 0.00	31.81 -2.11 0.00	30.09 -2.01 0.00	34.07 -2.15 0.00	66.83 -3.99 0.00	76.11 -5.67 1.96	45.65 -2.72 0.00	34.47 -2.09 0.00	48.28 -2.71 0.00	42.34 -2.52 0.40	41.85 -2.65 0.00	49.04 -2.99 0.00	42.24 -3.06 5.65	55.01 -5.35 16.36	102.42 -9.48 22.86	72.08 -5.00 3.10	58.35 -3.82 0.00	74.84 -4.24 0.02	71.04 -4.24 2.02	58.30 -2.97 0.00	51.00 -1.39 0.00	51.95 -0.15 0.00
KEDC PORT_JEFF_GT2 24210	38.44 2.40 0.00	36.25 2.33 0.01	33.93 2.04 0.00	36.06 2.15 0.00	34.11 2.01 0.00	38.51 2.19 -0.11	82.18 4.00 -7.36	97.72 4.48 -9.49	54.06 2.12 -3.57	39.03 1.95 -0.52	55.09 4.11 0.00	48.32 3.71 0.64	46.34 3.23 1.38	58.48 4.07 -2.38	57.35 4.11 -2.30	88.42 4.76 -6.94	155.06 9.72 -10.58	93.93 5.97 -7.78	71.38 4.41 -4.79	93.96 5.58 -9.28	84.09 5.54 -1.26	66.91 4.17 -1.47	58.12 3.74 -2.00	55.51 3.45 0.05
KEDC PORT_JEFF_GT3 24211	38.44 2.40 0.00	36.25 2.33 0.01	33.93 2.04 0.00	36.06 2.15 0.00	34.11 2.01 0.00	38.51 2.19 -0.11	82.18 4.00 -7.36	97.72 4.48 -9.49	54.06 2.12 -3.57	39.03 1.95 -0.52	55.09 4.11 0.00	48.32 3.71 0.64	46.34 3.23 1.38	58.48 4.07 -2.38	57.35 4.11 -2.30	88.42 4.76 -6.94	155.06 9.72 -10.58	93.93 5.97 -7.78	71.38 4.41 -4.79	93.96 5.58 -9.28	84.09 5.54 -1.26	66.91 4.17 -1.47	58.12 3.74 -2.00	55.51 3.45 0.05
KEDC_GLWD_GT4 24219	38.32 2.27 0.00	36.03 2.09 0.00	33.78 1.88 0.00	35.87 1.96 0.00	33.96 1.86 0.00	38.36 2.15 0.00	75.13 4.31 0.00	88.77 5.03 0.00	50.81 2.44 0.00	38.61 2.05 0.00	54.52 3.53 0.00	49.91 3.31 -1.35	50.55 3.15 -2.90	56.52 3.73 -0.75	55.47 3.74 -0.79	81.85 5.12 -0.01	143.90 9.14 0.00	85.68 5.50 0.00	66.12 3.94 0.00	85.06 4.99 -0.97	92.56 4.93 -10.33	70.23 3.81 -5.15	56.34 3.22 -0.73	55.29 2.99 -0.20
KEDC_GLWD_GT5 24220	38.32 2.27 0.00	36.03 2.09 0.00	33.78 1.88 0.00	35.87 1.96 0.00	33.96 1.86 0.00	38.36 2.15 0.00	75.13 4.31 0.00	88.77 5.03 0.00	50.81 2.44 0.00	38.61 2.05 0.00	54.52 3.53 0.00	49.91 3.31 -1.35	50.55 3.15 -2.90	56.52 3.73 -0.75	55.47 3.74 -0.79	81.85 5.12 -0.01	143.90 9.14 0.00	85.68 5.50 0.00	66.12 3.94 0.00	85.06 4.99 -0.97	92.56 4.93 -10.33	70.23 3.81 -5.15	56.34 3.22 -0.73	55.29 2.99 -0.20
KENSICO____ 23655	38.01 1.97 0.00	35.68 1.75 0.00	33.51 1.62 0.00	35.60 1.69 0.00	33.71 1.61 0.00	38.11 1.89 0.00	74.71 3.89 0.00	88.26 4.51 0.00	50.68 2.31 0.00	38.45 1.89 0.00	53.90 2.91 0.00	47.94 2.69 0.00	47.19 2.69 0.00	55.21 3.18 0.00	54.11 3.16 0.00	81.33 4.61 0.00	142.72 7.96 0.00	84.90 4.72 0.00	65.50 3.32 0.00	83.27 4.16 0.00	81.30 3.99 0.00	64.46 3.19 0.00	55.08 2.70 0.00	54.54 2.44 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	38.19 2.15 0.00	35.84 1.91 0.00	33.66 1.76 0.00	35.78 1.87 0.00	33.89 1.79 0.00	38.35 2.14 0.00	75.48 4.66 0.00	89.64 5.90 0.00	51.48 3.11 0.00	38.90 2.34 0.00	54.48 3.50 0.00	48.37 3.11 0.00	47.53 3.03 0.00	55.59 3.56 0.00	54.53 3.58 0.00	82.24 5.51 0.00	144.35 9.60 0.00	85.95 5.78 0.00	66.43 4.25 0.00	84.42 5.31 0.00	82.42 5.13 0.00	65.27 4.00 0.00	55.71 3.33 0.00	55.12 3.02 0.00

KIAC_JFK_GT1 23816	37.91 1.87 0.00	35.55 1.62 0.00	33.42 1.52 0.00	35.44 1.53 0.00	33.65 1.55 0.00	37.95 1.73 0.00	73.98 3.16 0.00	87.70 3.95 0.00	50.80 2.43 0.00	39.71 2.28 -0.87	54.09 3.11 0.00	48.12 2.86 0.00	47.33 2.84 0.00	55.34 3.31 0.00	54.15 3.20 0.00	80.95 4.23 0.00	142.13 7.38 0.00	84.60 4.42 0.00	65.16 2.98 0.00	82.84 3.73 0.00	80.89 3.59 0.00	64.17 2.90 0.00	55.10 2.72 0.00	54.48 2.38 0.00
KIAC_JFK_GT2 23817	37.91 1.87 0.00	35.55 1.62 0.00	33.42 1.52 0.00	35.44 1.53 0.00	33.65 1.55 0.00	37.95 1.73 0.00	73.98 3.16 0.00	87.70 3.95 0.00	50.80 2.43 0.00	39.71 2.28 -0.87	54.09 3.11 0.00	48.12 2.86 0.00	47.33 2.84 0.00	55.34 3.31 0.00	54.15 3.20 0.00	80.95 4.23 0.00	142.13 7.38 0.00	84.60 4.42 0.00	65.16 2.98 0.00	82.84 3.73 0.00	80.89 3.59 0.00	64.17 2.90 0.00	55.10 2.72 0.00	54.48 2.38 0.00
KIAC_JFK____ 323774	37.91 1.87 0.00	35.55 1.62 0.00	33.42 1.52 0.00	35.44 1.53 0.00	33.65 1.55 0.00	37.95 1.74 0.00	73.98 3.16 0.00	87.69 3.95 0.00	50.80 2.43 0.00	39.71 2.28 -0.87	54.09 3.11 0.00	48.12 2.86 0.00	47.33 2.84 0.00	55.34 3.31 0.00	54.16 3.21 0.00	80.94 4.22 0.00	142.12 7.36 0.00	84.59 4.41 0.00	65.17 3.00 0.00	82.83 3.73 0.00	80.89 3.59 0.00	64.17 2.89 0.00	55.10 2.72 0.00	54.48 2.38 0.00
KINTIGH__24_KV_GSU 356498	34.17 -1.87 0.00	32.15 -1.78 0.00	30.19 -1.70 0.00	31.89 -2.02 0.00	30.17 -1.93 0.00	34.04 -2.18 0.00	66.75 -4.07 0.00	76.96 -5.49 1.30	45.68 -2.69 0.00	34.56 -2.00 0.00	48.46 -2.53 0.00	42.67 -2.32 0.27	42.01 -2.49 0.00	49.15 -2.88 0.00	44.28 -2.95 3.72	60.76 -5.27 10.69	110.56 -9.30 14.89	73.21 -4.94 2.03	58.45 -3.72 0.00	74.71 -4.38 0.02	71.64 -4.33 1.33	58.13 -3.14 0.00	50.71 -1.67 0.00	51.43 -0.67 0.00
KINTIGH____ 23543	34.15 -1.89 0.00	32.14 -1.79 0.00	30.17 -1.72 0.00	31.87 -2.04 0.00	30.15 -1.95 0.00	34.03 -2.19 0.00	66.71 -4.11 0.00	76.92 -5.53 1.30	45.66 -2.71 0.00	34.54 -2.02 0.00	48.42 -2.56 0.00	42.66 -2.33 0.27	41.97 -2.53 0.00	49.13 -2.90 0.00	44.28 -2.95 3.72	60.72 -5.31 10.69	110.50 -9.36 14.89	73.16 -4.99 2.03	58.42 -3.76 0.00	74.65 -4.43 0.02	71.62 -4.36 1.33	58.08 -3.19 0.00	50.70 -1.68 0.00	51.39 -0.71 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	35.60 -0.44 0.00	33.51 -0.43 0.00	31.49 -0.41 0.00	33.51 -0.40 0.00	31.74 -0.36 0.00	35.81 -0.40 0.00	70.47 -0.36 0.00	83.59 -0.15 0.00	48.14 -0.23 0.00	36.21 -0.36 0.00	50.41 -0.57 0.00	44.76 -0.50 0.00	43.89 -0.61 0.00	51.50 -0.53 0.00	50.25 -0.70 0.00	75.48 -1.25 0.00	133.47 -1.29 0.00	79.70 -0.48 0.00	61.87 -0.31 0.00	79.00 -0.11 0.00	76.99 -0.31 0.00	61.04 -0.23 0.00	52.15 -0.24 0.00	51.96 -0.14 0.00
LACHUTE____HYDRO 323717	39.96 3.92 0.00	37.66 3.73 0.00	35.40 3.51 0.00	37.60 3.69 0.00	35.72 3.62 0.00	41.01 4.79 0.00	79.56 8.74 0.00	93.48 9.74 0.00	53.91 5.54 0.00	40.75 4.19 0.00	56.26 5.28 0.00	49.81 4.56 0.00	49.22 4.73 0.00	57.05 5.02 0.00	56.61 5.66 0.00	87.65 10.93 0.00	152.38 17.63 0.00	90.50 10.33 0.00	71.25 9.08 0.00	90.25 11.14 0.00	87.33 10.03 0.00	69.18 7.91 0.00	58.72 6.33 0.00	57.82 5.72 0.00
LAWRNCALV_115KV_TB1 80681	35.98 -0.07 0.00	33.88 -0.05 0.00	31.85 -0.05 0.00	33.86 -0.04 0.00	32.10 0.00 0.00	36.23 0.02 0.00	70.99 0.17 0.00	84.23 0.48 0.00	48.62 0.25 0.00	36.67 0.11 0.00	51.13 0.15 0.00	45.37 0.12 0.00	44.49 -0.01 0.00	52.14 0.11 0.00	50.83 -0.12 0.00	75.90 -0.82 0.00	133.44 -1.32 0.00	79.54 -0.64 0.00	61.61 -0.57 0.00	78.75 -0.36 0.00	77.01 -0.29 0.00	61.48 0.21 0.00	52.67 0.28 0.00	52.50 0.40 0.00
LEDERLE____ 23769	38.12 2.08 0.00	35.80 1.86 0.00	33.61 1.72 0.00	35.70 1.79 0.00	33.82 1.72 0.00	38.24 2.02 0.00	75.03 4.21 0.00	88.64 4.89 0.00	50.88 2.51 0.00	38.54 1.98 0.00	54.00 3.02 0.00	48.03 2.78 0.00	47.33 2.84 0.00	55.41 3.38 0.00	54.30 3.35 0.00	81.63 4.91 0.00	143.21 8.45 0.00	85.20 5.02 0.00	65.76 3.58 0.00	83.59 4.48 0.00	81.61 4.31 0.00	64.73 3.46 0.00	55.30 2.91 0.00	54.74 2.64 0.00
LIGHTHSE_115KV_TB6 355974	34.87 -1.17 0.00	32.86 -1.07 0.00	30.89 -1.00 0.00	32.83 -1.08 0.00	31.13 -0.98 0.00	35.15 -1.07 0.00	68.94 -1.88 0.00	81.58 -2.16 0.00	47.26 -1.11 0.00	35.69 -0.87 0.00	49.78 -1.20 0.00	44.13 -1.13 0.00	43.28 -1.22 0.00	50.78 -1.25 0.00	49.83 -1.12 0.00	75.01 -1.71 0.00	132.59 -2.16 0.00	79.26 -0.92 0.00	61.13 -1.05 0.00	77.53 -1.58 0.00	75.53 -1.77 0.00	59.89 -1.38 0.00	51.09 -1.29 0.00	50.75 -1.35 0.00
LINDEN COGEN____ 23786	38.06 2.02 0.00	35.70 1.76 0.00	33.53 1.63 0.00	35.59 1.69 0.00	33.73 1.63 0.00	38.14 1.92 0.00	74.79 3.96 0.00	88.34 4.59 0.00	50.72 2.35 0.00	39.44 2.01 -0.87	54.03 3.05 0.00	48.08 2.82 0.00	47.32 2.83 0.00	55.35 3.32 0.00	54.23 3.28 0.00	81.43 4.70 0.00	142.91 8.15 0.00	84.97 4.80 0.00	65.46 3.28 0.00	83.20 4.10 0.00	81.20 3.90 0.00	64.41 3.13 0.00	55.06 2.67 0.00	54.54 2.44 0.00
LINDHRST_69_KV_BK1 356055	38.66 2.62 0.00	36.42 2.48 0.00	34.08 2.19 0.00	36.21 2.30 0.00	34.25 2.15 0.00	38.69 2.45 -0.03	77.46 4.88 -1.76	91.72 5.70 -2.27	52.05 2.83 -0.86	39.04 2.35 -0.12	55.39 4.41 0.00	49.78 4.00 -0.52	49.22 3.60 -1.12	57.39 4.41 -0.95	56.43 4.54 -0.94	84.46 6.08 -1.66	148.64 11.35 -2.54	88.89 6.85 -1.86	68.41 5.08 -1.15	88.37 6.56 -2.71	89.41 6.63 -5.47	69.14 4.94 -2.93	57.49 4.26 -0.84	56.11 3.92 -0.09
LIPA_MISC_IPP 23656	38.56 2.52 0.00	36.41 2.48 0.01	34.08 2.19 0.00	36.21 2.30 0.00	34.27 2.17 0.00	38.72 2.37 -0.14	84.42 4.44 -9.16	100.61 5.07 -11.80	55.18 2.37 -4.44	39.31 2.11 -0.64	55.22 4.24 0.00	48.38 3.80 0.68	46.31 3.28 1.46	59.26 4.20 -3.03	58.19 4.31 -2.92	90.79 5.44 -8.63	158.61 10.69 -13.15	96.45 6.60 -9.68	73.05 4.91 -5.96	96.93 6.20 -11.63	85.98 6.19 -2.49	68.16 4.59 -2.30	59.01 4.07 -2.56	55.80 3.73 0.03
LISF____SOLAR 323691	38.64 2.61 0.00	36.47 2.54 0.01	34.14 2.25 0.00	36.27 2.36 0.00	34.32 2.22 0.00	38.79 2.45 -0.13	84.23 4.56 -8.84	100.35 5.21 -11.39	55.08 2.42 -4.29	39.32 2.15 -0.62	55.27 4.29 0.00	48.44 3.85 0.67	46.37 3.31 1.43	59.21 4.26 -2.92	58.17 4.40 -2.82	90.62 5.58 -8.33	158.43 10.97 -12.70	96.31 6.79 -9.34	72.98 5.05 -5.75	96.73 6.41 -11.22	85.93 6.30 -2.33	68.15 4.70 -2.18	58.99 4.14 -2.46	55.87 3.80 0.04
LITTLE FALLS____HYD 24013	38.58 2.54 0.00	36.20 2.26 0.00	34.01 2.12 0.00	36.23 2.32 0.00	34.32 2.21 0.00	38.85 2.63 0.00	76.09 5.27 0.00	89.93 6.18 0.00	51.83 3.46 0.00	38.95 2.39 0.00	54.02 3.04 0.00	47.72 2.47 0.00	47.10 2.60 0.00	54.65 2.62 0.00	53.56 2.61 0.00	82.12 5.40 0.00	145.10 10.34 0.00	86.31 6.14 0.00	67.28 5.10 0.00	85.64 6.54 0.00	83.62 6.31 0.00	66.09 4.82 0.00	56.10 3.72 0.00	55.38 3.28 0.00

LITTLRIV_115KV_TB1 356100	36.36 0.32 0.00	34.26 0.32 0.00	32.21 0.31 0.00	34.23 0.32 0.00	32.46 0.35 0.00	36.67 0.45 0.00	71.97 1.15 0.00	85.44 1.69 0.00	49.28 0.91 0.00	37.17 0.61 0.00	51.81 0.83 0.00	45.88 0.63 0.00	44.94 0.45 0.00	52.72 0.69 0.00	51.39 0.44 0.00	76.64 -0.08 0.00	134.81 0.06 0.00	80.46 0.28 0.00	62.33 0.15 0.00	79.65 0.55 0.00	77.88 0.58 0.00	62.18 0.91 0.00	53.28 0.90 0.00	53.10 1.00 0.00
LI_NEWBRDGE___DRP 323616	38.02 1.98 0.00	35.84 1.92 0.01	33.55 1.66 0.00	35.66 1.75 0.00	33.72 1.62 0.00	38.04 1.83 0.00	74.42 3.61 0.00	87.94 4.19 0.00	50.34 1.96 0.00	38.30 1.74 0.00	54.43 3.45 0.00	47.47 3.29 1.08	45.16 2.98 2.32	55.02 3.59 0.60	53.96 3.64 0.63	81.32 4.61 0.01	143.22 8.47 0.00	85.28 5.10 0.00	65.85 3.67 0.00	83.04 4.71 0.77	73.93 4.87 8.24	60.80 3.63 4.11	54.97 3.17 0.58	54.90 2.97 0.17
LOCKPORT_115KV_TB60_63_64 80432	33.96 -2.08 0.00	31.93 -2.01 0.00	29.98 -1.92 0.00	31.62 -2.29 0.00	29.88 -2.22 0.00	33.64 -2.57 0.00	66.04 -4.78 0.00	75.83 -6.33 1.59	45.28 -3.09 0.00	34.21 -2.36 0.00	47.99 -2.99 0.00	42.23 -2.71 0.32	41.49 -3.00 0.00	48.58 -3.46 0.00	43.12 -3.30 4.53	57.53 -6.00 13.20	105.61 -10.67 18.47	72.04 -5.64 2.50	57.91 -4.27 0.00	74.07 -5.02 0.02	70.82 -4.85 1.63	57.70 -3.57 0.00	50.57 -1.81 0.00	51.68 -0.42 0.00
LOCKPORT___CC1 323769	33.91 -2.13 0.00	31.89 -2.04 0.00	29.94 -1.96 0.00	31.58 -2.33 0.00	29.85 -2.25 0.00	33.60 -2.61 0.00	65.97 -4.85 0.00	75.64 -6.48 1.63	45.19 -3.18 0.00	34.16 -2.40 0.00	47.91 -3.07 0.00	42.12 -2.81 0.32	41.44 -3.06 0.00	48.49 -3.54 0.00	42.86 -3.47 4.62	57.07 -6.14 13.51	105.00 -10.84 18.92	71.85 -5.77 2.55	57.80 -4.37 0.00	73.96 -5.12 0.02	70.64 -5.00 1.67	57.63 -3.65 0.00	50.51 -1.88 0.00	51.61 -0.49 0.00
LOCKPORT___CC2 323770	33.91 -2.13 0.00	31.89 -2.04 0.00	29.94 -1.96 0.00	31.58 -2.33 0.00	29.85 -2.25 0.00	33.60 -2.61 0.00	65.97 -4.85 0.00	75.64 -6.48 1.63	45.19 -3.18 0.00	34.16 -2.40 0.00	47.91 -3.07 0.00	42.12 -2.81 0.32	41.44 -3.06 0.00	48.49 -3.54 0.00	42.86 -3.47 4.62	57.07 -6.14 13.51	105.00 -10.84 18.92	71.85 -5.77 2.55	57.80 -4.37 0.00	73.96 -5.12 0.02	70.64 -5.00 1.67	57.63 -3.65 0.00	50.51 -1.88 0.00	51.61 -0.49 0.00
LOCKPORT___CC3 323771	33.91 -2.13 0.00	31.89 -2.04 0.00	29.94 -1.96 0.00	31.58 -2.33 0.00	29.85 -2.25 0.00	33.60 -2.61 0.00	65.97 -4.85 0.00	75.64 -6.48 1.63	45.19 -3.18 0.00	34.16 -2.40 0.00	47.91 -3.07 0.00	42.12 -2.81 0.32	41.44 -3.06 0.00	48.49 -3.54 0.00	42.86 -3.47 4.62	57.07 -6.14 13.51	105.00 -10.84 18.92	71.85 -5.77 2.55	57.80 -4.37 0.00	73.96 -5.12 0.02	70.64 -5.00 1.67	57.63 -3.65 0.00	50.51 -1.88 0.00	51.61 -0.49 0.00
LOCUSVLY_69_KV_BK2 55797	38.37 2.33 0.00	36.12 2.18 0.00	33.84 1.94 0.00	35.94 2.03 0.00	34.00 1.90 0.00	38.36 2.17 0.03	73.15 4.31 1.99	86.21 5.02 2.56	49.85 2.44 0.96	38.51 2.09 0.14	54.81 3.82 0.00	49.75 3.57 -0.92	49.78 3.31 -1.98	55.72 3.91 0.23	54.69 3.92 0.18	80.15 5.29 1.87	141.51 9.60 2.85	83.90 5.83 2.10	65.10 4.21 1.29	82.47 5.34 1.97	88.02 5.35 -5.37	67.78 4.06 -2.45	55.73 3.49 0.14	55.49 3.27 -0.12
LONG_LAKE_PHOENIX 24014	35.14 -0.89 0.00	33.13 -0.81 0.00	31.15 -0.74 0.00	33.08 -0.83 0.00	31.34 -0.76 0.00	35.35 -0.87 0.00	69.16 -1.66 0.00	81.77 -1.98 0.00	47.35 -1.02 0.00	35.78 -0.78 0.00	49.88 -1.10 0.00	44.21 -1.04 0.00	43.45 -1.05 0.00	50.86 -1.17 0.00	49.82 -1.13 0.00	74.95 -1.78 0.00	131.77 -2.99 0.00	78.48 -1.70 0.00	60.84 -1.34 0.00	77.25 -1.86 0.00	75.48 -1.82 0.00	59.78 -1.50 0.00	51.13 -1.25 0.00	50.85 -1.25 0.00
LOVETT___3 23632	37.92 1.88 0.00	35.61 1.68 0.00	33.45 1.55 0.00	35.52 1.62 0.00	33.64 1.54 0.00	38.03 1.81 0.00	74.58 3.76 0.00	88.06 4.31 0.00	50.54 2.17 0.00	38.28 1.72 0.00	53.63 2.65 0.00	47.72 2.46 0.00	47.02 2.53 0.00	55.05 3.02 0.00	53.95 3.00 0.00	81.09 4.37 0.00	142.26 7.50 0.00	84.62 4.45 0.00	65.30 3.12 0.00	83.02 3.91 0.00	81.06 3.77 0.00	64.29 3.02 0.00	54.94 2.56 0.00	54.41 2.31 0.00
LOVETT___4 23642	37.92 1.88 0.00	35.61 1.68 0.00	33.45 1.55 0.00	35.52 1.62 0.00	33.64 1.54 0.00	38.03 1.81 0.00	74.58 3.76 0.00	88.06 4.31 0.00	50.54 2.17 0.00	38.28 1.72 0.00	53.63 2.65 0.00	47.72 2.46 0.00	47.02 2.53 0.00	55.05 3.02 0.00	53.95 3.00 0.00	81.09 4.37 0.00	142.26 7.50 0.00	84.62 4.45 0.00	65.30 3.12 0.00	83.02 3.91 0.00	81.06 3.77 0.00	64.29 3.02 0.00	54.94 2.56 0.00	54.41 2.31 0.00
LOVETT___5 23593	37.92 1.88 0.00	35.61 1.68 0.00	33.45 1.55 0.00	35.52 1.62 0.00	33.64 1.54 0.00	38.03 1.81 0.00	74.58 3.76 0.00	88.06 4.31 0.00	50.54 2.17 0.00	38.28 1.72 0.00	53.63 2.65 0.00	47.72 2.46 0.00	47.02 2.53 0.00	55.05 3.02 0.00	53.95 3.00 0.00	81.09 4.37 0.00	142.26 7.50 0.00	84.62 4.45 0.00	65.30 3.12 0.00	83.02 3.91 0.00	81.06 3.77 0.00	64.29 3.02 0.00	54.94 2.56 0.00	54.41 2.31 0.00
LOWER RAQUET___HYD 24057	35.90 -0.14 0.00	33.81 -0.12 0.00	31.78 -0.12 0.00	33.79 -0.11 0.00	32.04 -0.07 0.00	36.16 -0.05 0.00	70.84 0.02 0.00	84.07 0.32 0.00	48.57 0.20 0.00	36.63 0.07 0.00	51.08 0.10 0.00	45.33 0.07 0.00	44.41 -0.08 0.00	52.06 0.03 0.00	50.74 -0.22 0.00	75.64 -1.08 0.00	133.00 -1.76 0.00	79.25 -0.92 0.00	61.36 -0.82 0.00	78.46 -0.64 0.00	76.76 -0.54 0.00	61.38 0.11 0.00	52.60 0.22 0.00	52.42 0.32 0.00
LOWER___HUDSON 24059	37.36 1.32 0.00	35.14 1.21 0.00	33.02 1.12 0.00	35.16 1.25 0.00	33.27 1.17 0.00	37.54 1.33 0.00	73.11 2.29 0.00	86.37 2.62 0.00	50.06 1.69 0.00	37.83 1.27 0.00	52.51 1.53 0.00	46.58 1.32 0.00	45.97 1.47 0.00	53.57 1.54 0.00	52.55 1.60 0.00	79.57 2.85 0.00	139.42 4.66 0.00	82.60 2.42 0.00	64.28 2.10 0.00	81.72 2.62 0.00	79.98 2.68 0.00	63.34 2.07 0.00	54.09 1.70 0.00	53.58 1.48 0.00
LOWVILLE_115KV_TB2 356335	34.81 -1.23 0.00	32.84 -1.09 0.00	30.89 -1.00 0.00	32.93 -0.98 0.00	31.26 -0.84 0.00	35.31 -0.91 0.00	69.34 -1.48 0.00	82.19 -1.56 0.00	47.64 -0.73 0.00	36.02 -0.54 0.00	50.13 -0.85 0.00	44.52 -0.73 0.00	43.47 -1.02 0.00	51.11 -0.92 0.00	50.41 -0.54 0.00	75.99 -0.74 0.00	134.92 0.17 0.00	81.44 1.26 0.00	62.39 0.22 0.00	78.92 -0.19 0.00	76.45 -0.85 0.00	60.99 -0.28 0.00	51.84 -0.54 0.00	51.35 -0.75 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	37.99 1.95 0.00	35.72 1.79 0.00	33.56 1.66 0.00	35.73 1.82 0.00	33.84 1.74 0.00	38.30 2.08 0.00	74.77 3.95 0.00	88.25 4.51 0.00	51.06 2.69 0.00	38.54 1.98 0.00	53.53 2.55 0.00	47.42 2.17 0.00	46.82 2.32 0.00	54.64 2.61 0.00	53.63 2.68 0.00	81.25 4.53 0.00	142.54 7.78 0.00	84.57 4.39 0.00	65.78 3.60 0.00	83.64 4.53 0.00	81.75 4.44 0.00	64.69 3.42 0.00	55.21 2.83 0.00	54.68 2.58 0.00

LUTHERNY_35_KV_BK2 355980	37.99 1.95 0.00	35.72 1.78 0.00	33.54 1.65 0.00	35.73 1.83 0.00	33.85 1.75 0.00	38.30 2.08 0.00	74.81 3.99 0.00	88.26 4.52 0.00	51.07 2.70 0.00	38.55 1.99 0.00	53.56 2.58 0.00	47.44 2.18 0.00	46.85 2.35 0.00	54.68 2.64 0.00	53.67 2.71 0.00	81.29 4.57 0.00	142.67 7.91 0.00	84.57 4.39 0.00	65.84 3.66 0.00	83.72 4.61 0.00	81.82 4.52 0.00	64.69 3.42 0.00	55.23 2.85 0.00	54.68 2.58 0.00
LWR___OSWEGATCHIE_HYD 23850	35.05 -0.99 0.00	33.02 -0.91 0.00	31.05 -0.85 0.00	33.05 -0.86 0.00	31.35 -0.75 0.00	35.40 -0.81 0.00	69.33 -1.49 0.00	82.28 -1.47 0.00	47.59 -0.78 0.00	35.94 -0.62 0.00	50.19 -0.79 0.00	44.57 -0.68 0.00	43.61 -0.88 0.00	51.23 -0.81 0.00	50.18 -0.77 0.00	75.19 -1.53 0.00	132.66 -2.10 0.00	79.53 -0.65 0.00	61.22 -0.96 0.00	77.86 -1.25 0.00	75.85 -1.45 0.00	60.69 -0.58 0.00	51.79 -0.60 0.00	51.45 -0.66 0.00
LYONS_FALL_HYD 23570	35.57 -0.47 0.00	33.53 -0.41 0.00	31.53 -0.37 0.00	33.59 -0.32 0.00	31.86 -0.24 0.00	36.00 -0.22 0.00	70.63 -0.19 0.00	83.65 -0.10 0.00	48.46 0.08 0.00	36.62 0.07 0.00	51.02 0.04 0.00	45.29 0.03 0.00	44.33 -0.17 0.00	52.02 -0.02 0.00	51.16 0.21 0.00	77.12 0.39 0.00	136.40 1.64 0.00	81.90 1.73 0.00	63.04 0.86 0.00	79.89 0.79 0.00	77.60 0.30 0.00	61.71 0.44 0.00	52.54 0.15 0.00	52.08 -0.02 0.00
MADISON___COUNTY_LFGE 323628	36.68 0.64 0.00	34.57 0.64 0.00	32.50 0.61 0.00	34.56 0.64 0.00	32.77 0.67 0.00	37.10 0.88 0.00	72.75 1.93 0.00	86.04 2.29 0.00	49.79 1.42 0.00	37.60 1.03 0.00	52.42 1.44 0.00	46.48 1.23 0.00	45.66 1.16 0.00	53.46 1.43 0.00	53.17 1.45 -0.77	79.02 2.30 0.00	139.09 4.33 0.00	82.84 2.66 0.00	64.14 1.97 0.00	81.50 2.39 0.00	79.45 2.14 0.00	62.89 1.62 0.00	53.68 1.30 0.00	53.28 1.18 0.00
MALONE___115KV_TB1 356076	35.77 -0.27 0.00	33.67 -0.27 0.00	31.64 -0.25 0.00	33.65 -0.26 0.00	31.90 -0.20 0.00	36.00 -0.22 0.00	70.81 -0.01 0.00	84.06 0.32 0.00	48.45 0.08 0.00	36.53 -0.04 0.00	50.87 -0.11 0.00	45.23 -0.03 0.00	44.35 -0.15 0.00	51.94 -0.10 0.00	50.61 -0.34 0.00	75.82 -0.90 0.00	133.84 -0.91 0.00	79.86 -0.32 0.00	61.97 -0.21 0.00	79.15 0.05 0.00	77.20 -0.11 0.00	61.35 0.08 0.00	52.44 0.06 0.00	52.19 0.09 0.00
MAPLEWOD_115KV_TB3 80458	37.18 1.14 0.00	35.00 1.07 0.00	32.90 1.01 0.00	35.19 1.28 0.00	33.29 1.19 0.00	37.55 1.34 0.00	73.09 2.27 0.00	86.43 2.69 0.00	50.08 1.71 0.00	37.88 1.32 0.00	52.61 1.63 0.00	46.64 1.39 0.00	46.05 1.56 0.00	53.74 1.70 0.00	52.65 1.70 0.00	79.62 2.89 0.00	139.73 4.97 0.00	82.92 2.75 0.00	64.45 2.28 0.00	81.90 2.79 0.00	80.13 2.83 0.00	63.44 2.17 0.00	54.12 1.73 0.00	53.64 1.54 0.00
MAPLE_RIDGE_WT_1 323574	35.17 -0.87 0.00	33.19 -0.74 0.00	31.23 -0.67 0.00	33.27 -0.63 0.00	31.48 -0.62 0.00	35.42 -0.79 0.00	69.26 -1.56 0.00	81.78 -1.97 0.00	47.29 -1.08 0.00	35.73 -0.83 0.00	49.88 -1.10 0.00	44.31 -0.94 0.00	43.32 -1.17 0.00	50.81 -1.22 0.00	49.87 -1.08 0.00	75.08 -1.64 0.00	132.10 -2.65 0.00	79.16 -1.02 0.00	61.21 -0.97 0.00	78.11 -1.00 0.00	76.35 -0.95 0.00	60.37 -0.90 0.00	51.36 -1.02 0.00	51.32 -0.78 0.00
MAPLE_RIDGE_WT_2 323611	35.17 -0.87 0.00	33.19 -0.74 0.00	31.23 -0.67 0.00	33.27 -0.63 0.00	31.48 -0.62 0.00	35.42 -0.79 0.00	69.26 -1.56 0.00	81.78 -1.97 0.00	47.29 -1.08 0.00	35.73 -0.83 0.00	49.88 -1.10 0.00	44.31 -0.94 0.00	43.32 -1.17 0.00	50.81 -1.22 0.00	49.87 -1.08 0.00	75.08 -1.64 0.00	132.10 -2.65 0.00	79.16 -1.02 0.00	61.21 -0.97 0.00	78.11 -1.00 0.00	76.35 -0.95 0.00	60.37 -0.90 0.00	51.36 -1.02 0.00	51.32 -0.78 0.00
MARBLE_RIVER_WT_PWR 323696	35.19 -0.85 0.00	33.13 -0.81 0.00	31.15 -0.75 0.00	33.14 -0.77 0.00	31.38 -0.72 0.00	35.38 -0.84 0.00	69.50 -1.32 0.00	82.41 -1.34 0.00	47.46 -0.91 0.00	35.77 -0.79 0.00	49.83 -1.15 0.00	44.33 -0.93 0.00	43.50 -1.00 0.00	50.93 -1.11 0.00	49.65 -1.30 0.00	74.53 -2.20 0.00	131.46 -3.30 0.00	78.45 -1.72 0.00	60.88 -1.30 0.00	77.73 -1.37 0.00	75.85 -1.45 0.00	60.19 -1.09 0.00	51.45 -0.93 0.00	51.27 -0.83 0.00
MARSHVLE_115KV_TB1 80742	35.72 -0.32 0.00	33.61 -0.32 0.00	31.60 -0.29 0.00	33.62 -0.29 0.00	31.87 -0.23 0.00	36.04 -0.17 0.00	71.39 0.57 0.00	84.56 0.81 0.00	48.58 0.21 0.00	36.39 -0.17 0.00	50.79 -0.20 0.00	44.99 -0.27 0.00	44.27 -0.22 0.00	51.67 -0.36 0.00	50.68 -0.27 0.00	76.58 -0.14 0.00	135.24 0.48 0.00	80.80 0.62 0.00	62.61 0.44 0.00	79.70 0.60 0.00	77.68 0.38 0.00	61.46 0.19 0.00	52.34 -0.04 0.00	51.94 -0.16 0.00
MARSH_HILL_WT_PWR 323713	32.97 -3.07 0.00	31.11 -2.83 0.00	29.02 -2.87 0.00	30.49 -3.42 0.00	29.02 -3.08 0.00	33.04 -3.18 0.00	64.86 -5.96 0.00	70.73 -8.36 4.66	44.21 -4.16 0.00	32.88 -3.68 0.00	45.20 -5.78 0.00	38.56 -5.43 1.26	39.21 -5.29 0.00	46.25 -5.77 0.00	30.22 -5.91 14.82	30.34 -7.92 38.46	69.42 -12.79 52.54	66.01 -6.70 7.46	56.96 -5.21 0.00	71.97 -7.08 0.05	65.12 -7.31 4.87	55.99 -5.28 0.00	48.83 -3.56 0.00	50.28 -1.82 0.00
MCINTYRE_115KV_TB2 80467	36.66 0.62 0.00	34.54 0.60 0.00	32.47 0.58 0.00	34.51 0.60 0.00	32.72 0.62 0.00	36.98 0.76 0.00	72.68 1.86 0.00	86.32 2.57 0.00	49.71 1.34 0.00	37.45 0.89 0.00	52.17 1.19 0.00	46.22 0.97 0.00	45.25 0.76 0.00	53.09 1.06 0.00	51.79 0.84 0.00	77.47 0.75 0.00	136.45 1.69 0.00	81.52 1.34 0.00	63.18 1.00 0.00	80.70 1.59 0.00	78.82 1.52 0.00	62.73 1.46 0.00	53.69 1.31 0.00	53.51 1.41 0.00
MECO_____69_KV_BK1 80468	37.11 1.08 0.00	34.91 0.98 0.00	32.82 0.92 0.00	34.91 1.00 0.00	33.11 1.01 0.00	37.50 1.29 0.00	74.01 3.19 0.00	87.67 3.93 0.00	50.37 2.00 0.00	37.76 1.19 0.00	52.45 1.47 0.00	46.47 1.22 0.00	45.84 1.35 0.00	53.47 1.44 0.00	52.01 1.06 0.00	79.47 2.75 0.00	140.81 6.06 0.00	84.10 3.93 0.00	65.22 3.04 0.00	82.93 3.82 0.00	80.81 3.51 0.00	63.89 2.62 0.00	54.39 2.01 0.00	53.90 1.80 0.00
MENANDS___115KV_TB5 355628	37.01 0.97 0.00	34.84 0.91 0.00	32.74 0.84 0.00	34.74 0.83 0.00	32.86 0.76 0.00	36.97 0.76 0.00	71.73 0.91 0.00	84.85 1.10 0.00	49.19 0.82 0.00	37.29 0.73 0.00	51.69 0.71 0.00	46.03 0.77 0.00	45.40 0.91 0.00	52.93 0.90 0.00	51.84 0.89 0.00	78.42 1.70 0.00	137.46 2.70 0.00	81.50 1.33 0.00	63.36 1.18 0.00	80.42 1.32 0.00	78.72 1.42 0.00	62.34 1.07 0.00	53.17 0.79 0.00	52.76 0.66 0.00
MG INDUSTRY___DRP 24185	37.02 0.98 0.00	34.86 0.92 0.00	32.76 0.87 0.00	34.86 0.94 0.00	32.97 0.87 0.00	37.14 0.93 0.00	72.25 1.43 0.00	85.34 1.60 0.00	49.36 0.99 0.00	37.39 0.83 0.00	51.81 0.83 0.00	46.01 0.75 0.00	45.34 0.85 0.00	52.92 0.89 0.00	51.83 0.88 0.00	78.43 1.71 0.00	137.80 3.04 0.00	81.74 1.57 0.00	63.52 1.34 0.00	80.70 1.60 0.00	78.99 1.69 0.00	62.57 1.30 0.00	53.42 1.04 0.00	53.01 0.91 0.00

MID___OSWEGATCHIE_HYD 23849	35.05 -0.99 0.00	33.02 -0.91 0.00	31.05 -0.85 0.00	33.05 -0.86 0.00	31.35 -0.75 0.00	35.40 -0.81 0.00	69.33 -1.49 0.00	82.28 -1.47 0.00	47.59 -0.78 0.00	35.94 -0.62 0.00	50.19 -0.79 0.00	44.57 -0.68 0.00	43.61 -0.88 0.00	51.23 -0.81 0.00	50.18 -0.77 0.00	75.19 -1.53 0.00	132.66 -2.10 0.00	79.53 -0.65 0.00	61.22 -0.96 0.00	77.86 -1.25 0.00	75.85 -1.45 0.00	60.69 -0.58 0.00	51.79 -0.60 0.00	51.45 -0.66 0.00
MID___RAQUETTE_HYD 23851	35.90 -0.14 0.00	33.81 -0.12 0.00	31.78 -0.12 0.00	33.79 -0.11 0.00	32.03 -0.07 0.00	36.16 -0.05 0.00	70.84 0.02 0.00	84.07 0.32 0.00	48.57 0.20 0.00	36.63 0.07 0.00	51.08 0.10 0.00	45.32 0.07 0.00	44.41 -0.08 0.00	52.06 0.03 0.00	50.73 -0.22 0.00	75.65 -1.07 0.00	133.00 -1.76 0.00	79.25 -0.93 0.00	61.36 -0.82 0.00	78.46 -0.64 0.00	76.75 -0.55 0.00	61.38 0.11 0.00	52.60 0.22 0.00	52.42 0.32 0.00
MILLIKEN___1 23584	36.46 0.42 0.00	34.35 0.42 0.00	32.27 0.37 0.00	34.27 0.36 0.00	32.53 0.43 0.00	36.80 0.59 0.00	72.09 1.27 0.00	88.99 1.50 -3.75	49.31 0.94 0.00	37.22 0.66 0.00	51.88 0.90 0.00	47.04 0.70 -1.09	45.21 0.72 0.00	52.95 0.91 0.00	67.64 0.96 -15.73	115.06 1.53 -36.80	186.68 2.78 -49.15	89.01 1.70 -7.13	63.59 1.41 0.00	80.83 1.68 -0.05	83.39 1.43 -4.66	62.32 1.04 0.00	53.37 0.99 0.00	53.15 1.05 0.00
MILLIKEN___2 23585	36.46 0.42 0.00	34.35 0.42 0.00	32.27 0.37 0.00	34.27 0.36 0.00	32.53 0.43 0.00	36.80 0.59 0.00	72.09 1.27 0.00	88.99 1.50 -3.75	49.31 0.94 0.00	37.22 0.66 0.00	51.88 0.90 0.00	47.04 0.70 -1.09	45.21 0.72 0.00	52.95 0.91 0.00	67.64 0.96 -15.73	115.06 1.53 -36.80	186.68 2.78 -49.15	89.01 1.70 -7.13	63.59 1.41 0.00	80.83 1.68 -0.05	83.39 1.43 -4.66	62.32 1.04 0.00	53.37 0.99 0.00	53.15 1.05 0.00
MILLIKEN___DIESEL 23629	36.46 0.42 0.00	34.35 0.42 0.00	32.27 0.37 0.00	34.27 0.36 0.00	32.53 0.43 0.00	36.80 0.59 0.00	72.09 1.27 0.00	88.99 1.50 -3.75	49.31 0.94 0.00	37.22 0.66 0.00	51.88 0.90 0.00	47.04 0.70 -1.09	45.21 0.72 0.00	52.95 0.91 0.00	67.64 0.96 -15.73	115.06 1.53 -36.80	186.68 2.78 -49.15	89.01 1.70 -7.13	63.59 1.41 0.00	80.83 1.68 -0.05	83.39 1.43 -4.66	62.32 1.04 0.00	53.37 0.99 0.00	53.15 1.05 0.00
MILLSEAT___LFGE 323607	34.74 -1.30 0.00	32.67 -1.27 0.00	30.66 -1.23 0.00	32.38 -1.53 0.00	30.64 -1.46 0.00	34.57 -1.65 0.00	68.06 -2.76 0.00	78.48 -3.80 1.47	46.67 -1.70 0.00	35.22 -1.34 0.00	49.24 -1.75 0.00	43.42 -1.54 0.30	42.65 -1.85 0.00	49.96 -2.07 0.00	44.71 -2.05 4.19	60.79 -3.79 12.15	111.46 -6.40 16.90	74.78 -3.10 2.30	59.85 -2.33 0.00	76.48 -2.61 0.02	73.17 -2.63 1.51	59.33 -1.94 0.00	51.78 -0.60 0.00	52.71 0.61 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	37.95 1.91 0.00	35.63 1.70 0.00	33.46 1.57 0.00	35.56 1.64 0.00	33.67 1.57 0.00	38.05 1.84 0.00	74.59 3.77 0.00	88.14 4.39 0.00	50.61 2.24 0.00	38.38 1.82 0.00	53.78 2.80 0.00	47.84 2.58 0.00	47.09 2.60 0.00	55.11 3.07 0.00	54.01 3.06 0.00	81.18 4.45 0.00	142.45 7.69 0.00	84.73 4.55 0.00	65.40 3.22 0.00	83.12 4.01 0.00	81.16 3.86 0.00	64.36 3.09 0.00	55.00 2.61 0.00	54.46 2.36 0.00
MILLWOOD_13_KV_LOAD 356217	38.03 1.99 0.00	35.70 1.77 0.00	33.54 1.64 0.00	35.63 1.71 0.00	33.74 1.64 0.00	38.14 1.92 0.00	74.79 3.97 0.00	88.33 4.58 0.00	50.74 2.37 0.00	38.47 1.91 0.00	53.91 2.93 0.00	47.95 2.70 0.00	47.20 2.71 0.00	55.22 3.19 0.00	54.11 3.16 0.00	81.39 4.66 0.00	142.84 8.09 0.00	84.98 4.81 0.00	65.60 3.42 0.00	83.36 4.26 0.00	81.39 4.09 0.00	64.52 3.25 0.00	55.14 2.75 0.00	54.59 2.49 0.00
MODEL_CITY_ENERGY 24167	33.66 -2.38 0.00	31.66 -2.28 0.00	29.72 -2.17 0.00	31.34 -2.57 0.00	29.61 -2.49 0.00	33.27 -2.94 0.00	65.27 -5.55 0.00	74.83 -7.28 1.64	44.73 -3.64 0.00	33.83 -2.73 0.00	47.50 -3.48 0.00	41.76 -3.17 0.33	41.06 -3.44 0.00	48.03 -4.00 0.00	42.41 -3.85 4.69	56.30 -6.78 13.65	103.44 -12.15 19.17	71.06 -6.54 2.58	57.19 -4.98 0.00	73.18 -5.91 0.02	69.93 -5.69 1.68	57.05 -4.22 0.00	50.04 -2.34 0.00	51.24 -0.86 0.00
MODERN_LFGE___ 323580	33.66 -2.38 0.00	31.66 -2.28 0.00	29.72 -2.17 0.00	31.34 -2.57 0.00	29.61 -2.49 0.00	33.27 -2.94 0.00	65.27 -5.55 0.00	74.83 -7.28 1.64	44.73 -3.64 0.00	33.83 -2.73 0.00	47.50 -3.48 0.00	41.76 -3.17 0.33	41.06 -3.44 0.00	48.03 -4.00 0.00	42.41 -3.85 4.69	56.30 -6.78 13.65	103.44 -12.15 19.17	71.06 -6.54 2.58	57.19 -4.98 0.00	73.18 -5.91 0.02	69.93 -5.69 1.68	57.05 -4.22 0.00	50.04 -2.34 0.00	51.24 -0.86 0.00
MOHAWK_PAPER___DRP 24187	37.18 1.14 0.00	35.00 1.07 0.00	32.90 1.01 0.00	35.19 1.28 0.00	33.29 1.19 0.00	37.55 1.34 0.00	73.09 2.27 0.00	86.43 2.69 0.00	50.08 1.71 0.00	37.88 1.32 0.00	52.61 1.63 0.00	46.64 1.39 0.00	46.05 1.56 0.00	53.74 1.70 0.00	52.65 1.70 0.00	79.62 2.89 0.00	139.73 4.97 0.00	82.92 2.75 0.00	64.45 2.28 0.00	81.90 2.79 0.00	80.13 2.83 0.00	63.44 2.17 0.00	54.12 1.73 0.00	53.64 1.54 0.00
MOHICAN___35_KV_115KV_LD 80490	38.62 2.58 0.00	36.32 2.38 0.00	34.12 2.23 0.00	36.31 2.40 0.00	34.42 2.32 0.00	39.11 2.89 0.00	76.31 5.49 0.00	89.99 6.24 0.00	52.05 3.69 0.00	39.29 2.73 0.00	54.48 3.50 0.00	48.20 2.95 0.00	47.62 3.12 0.00	55.48 3.45 0.00	54.57 3.62 0.00	83.09 6.37 0.00	145.48 10.73 0.00	86.36 6.19 0.00	67.31 5.14 0.00	85.56 6.45 0.00	83.45 6.15 0.00	66.02 4.74 0.00	56.29 3.91 0.00	55.67 3.57 0.00
MONGAUP___HYD 23641	37.97 1.93 0.00	35.66 1.72 0.00	33.48 1.58 0.00	35.59 1.68 0.00	33.71 1.61 0.00	38.12 1.91 0.00	74.79 3.97 0.00	88.43 4.69 0.00	50.86 2.49 0.00	38.47 1.90 0.00	53.73 2.75 0.00	47.68 2.42 0.00	46.84 2.35 0.00	54.97 2.94 0.00	53.95 3.00 0.00	81.24 4.52 0.00	142.69 7.93 0.00	85.04 4.86 0.00	65.75 3.58 0.00	83.62 4.52 0.00	81.68 4.38 0.00	64.72 3.45 0.00	55.23 2.84 0.00	54.69 2.58 0.00
MONTAUK___DIESEL 23721	39.84 3.80 0.00	37.60 3.67 0.01	35.21 3.31 0.00	37.42 3.51 0.00	35.44 3.34 0.00	40.14 3.79 -0.14	87.21 7.37 -9.01	103.87 8.51 -11.62	57.03 4.29 -4.37	40.67 3.48 -0.63	57.03 6.05 0.00	49.88 5.30 0.67	47.74 4.70 1.45	61.04 6.03 -2.98	60.08 6.26 -2.88	93.74 8.52 -8.49	164.15 16.44 -12.95	99.95 10.25 -9.53	75.78 7.73 -5.86	100.34 9.79 -11.44	89.27 9.55 -2.42	70.65 7.13 -2.24	61.06 6.17 -2.51	57.78 5.72 0.04
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.73 -2.31 0.00	31.68 -2.25 0.00	29.89 -2.00 0.00	31.70 -2.21 0.00	30.14 -1.96 0.00	34.22 -1.99 0.00	67.29 -3.53 0.00	76.07 -5.52 2.16	45.72 -2.65 0.00	34.63 -1.94 0.00	48.16 -2.83 0.00	41.99 -2.79 0.48	41.49 -3.01 0.00	48.43 -3.60 0.00	40.58 -3.95 6.42	53.17 -5.51 18.04	98.77 -10.85 25.14	70.82 -5.93 3.43	57.92 -4.26 0.00	74.71 -4.37 0.02	70.94 -4.12 2.24	58.60 -2.67 0.00	51.36 -1.02 0.00	52.47 0.37 0.00

MORRIS_RIDGE___SOLAR 323848	33.36 -2.69 0.00	31.33 -2.60 0.00	29.39 -2.51 0.00	31.01 -2.90 0.00	29.52 -2.58 0.00	33.53 -2.68 0.00	65.62 -5.20 0.00	72.92 -7.49 3.34	44.35 -4.02 0.00	33.15 -3.41 0.00	45.98 -5.00 0.00	39.51 -4.67 1.07	39.99 -4.50 0.00	47.05 -4.98 0.00	34.86 -5.19 10.90	42.15 -7.52 27.05	85.59 -12.65 36.51	68.14 -6.92 5.12	56.85 -5.33 0.00	72.61 -6.46 0.04	67.35 -6.60 3.35	56.62 -4.66 0.00	49.39 -2.99 0.00	50.44 -1.66 0.00
MORTIMER_115KV_TB3 55949	35.08 -0.96 0.00	33.02 -0.92 0.00	31.01 -0.89 0.00	32.80 -1.11 0.00	31.07 -1.03 0.00	35.11 -1.10 0.00	69.01 -1.81 0.00	80.25 -2.53 0.97	47.31 -1.06 0.00	35.76 -0.80 0.00	50.01 -0.97 0.00	44.15 -0.90 0.20	43.44 -1.05 0.00	50.86 -1.17 0.00	46.96 -1.22 2.77	66.51 -2.42 7.80	120.27 -4.05 10.43	76.78 -1.89 1.51	60.73 -1.45 0.00	77.40 -1.70 0.01	74.52 -1.79 0.99	59.92 -1.35 0.00	51.89 -0.49 0.00	52.23 0.13 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	38.13 2.09 0.00	35.78 1.85 0.00	33.61 1.71 0.00	35.69 1.78 0.00	33.81 1.71 0.00	38.21 2.00 0.00	74.93 4.11 0.00	88.55 4.80 0.00	50.86 2.49 0.00	38.67 2.08 -0.03	54.15 3.17 0.00	48.18 2.93 0.00	47.41 2.92 0.00	55.47 3.44 0.00	54.36 3.41 0.00	81.64 4.92 0.00	143.28 8.52 0.00	85.22 5.04 0.00	65.71 3.53 0.00	83.52 4.42 0.00	81.52 4.22 0.00	64.63 3.36 0.00	55.25 2.86 0.00	54.71 2.61 0.00
MUNSVILLE_WIND_PWR 323609	36.90 0.86 0.00	34.78 0.84 0.00	32.56 0.67 0.00	34.78 0.87 0.00	33.03 0.93 0.00	37.50 1.29 0.00	74.68 3.86 0.00	90.81 5.10 -1.97	51.21 2.84 0.00	38.29 1.73 0.00	53.04 2.06 0.00	47.37 1.58 -0.53	46.27 1.78 0.00	54.01 1.97 0.00	61.19 2.17 -8.07	99.05 3.67 -18.66	167.00 7.42 -24.82	88.65 4.85 -3.62	65.90 3.72 0.00	84.00 4.87 -0.03	83.82 4.15 -2.36	64.26 2.99 0.00	54.73 2.34 0.00	54.65 2.55 0.00
N SALMON___HYD 24042	35.77 -0.27 0.00	33.67 -0.27 0.00	31.64 -0.25 0.00	33.65 -0.26 0.00	31.90 -0.20 0.00	36.00 -0.22 0.00	70.81 -0.01 0.00	84.06 0.32 0.00	48.45 0.08 0.00	36.53 -0.04 0.00	50.87 -0.11 0.00	45.23 -0.03 0.00	44.35 -0.15 0.00	51.94 -0.10 0.00	50.62 -0.33 0.00	75.83 -0.89 0.00	133.85 -0.91 0.00	79.86 -0.31 0.00	61.97 -0.21 0.00	79.15 0.05 0.00	77.20 -0.10 0.00	61.35 0.08 0.00	52.44 0.06 0.00	52.19 0.09 0.00
N.AKRON__115KV_KNAPP 355671	34.51 -1.53 0.00	32.45 -1.48 0.00	30.47 -1.43 0.00	32.15 -1.76 0.00	30.42 -1.68 0.00	34.30 -1.92 0.00	67.47 -3.35 0.00	77.68 -4.55 1.52	46.28 -2.09 0.00	34.93 -1.63 0.00	48.89 -2.09 0.00	43.09 -1.86 0.30	42.32 -2.18 0.00	49.57 -2.46 0.00	44.27 -2.36 4.32	59.73 -4.43 12.56	109.51 -7.72 17.52	73.93 -3.87 2.38	59.26 -2.92 0.00	75.75 -3.34 0.02	72.47 -3.28 1.56	58.86 -2.41 0.00	51.47 -0.92 0.00	52.44 0.34 0.00
N.E_GEN_SANDY PD 24062	39.11 1.41 -1.66	37.04 1.29 -1.82	35.52 1.21 -2.42	36.02 1.31 -0.80	35.91 1.22 -2.59	38.33 1.33 -0.79	72.93 2.11 0.00	86.16 2.41 0.00	53.99 1.64 -3.98	38.01 1.22 -0.23	52.41 1.43 0.00	46.53 1.27 0.00	45.93 1.43 0.00	53.47 1.43 0.00	52.42 1.47 0.00	79.49 2.77 0.00	139.55 4.26 -0.54	72.67 2.06 9.57	64.10 1.92 0.00	81.51 2.41 0.00	79.99 2.58 -0.11	63.31 2.04 0.00	54.14 1.68 -0.08	53.68 1.42 -0.16
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	37.98 1.94 0.00	35.67 1.74 0.00	33.50 1.61 0.00	35.58 1.67 0.00	33.70 1.60 0.00	38.09 1.88 0.00	74.72 3.90 0.00	88.24 4.49 0.00	50.64 2.27 0.00	38.35 1.79 0.00	53.72 2.74 0.00	47.80 2.55 0.00	47.12 2.62 0.00	55.16 3.13 0.00	54.06 3.11 0.00	81.25 4.53 0.00	142.54 7.78 0.00	84.79 4.61 0.00	65.43 3.25 0.00	83.19 4.09 0.00	81.24 3.94 0.00	64.43 3.16 0.00	55.05 2.67 0.00	54.52 2.42 0.00
N.QUEENS_27_KV_LOAD 356247	38.27 2.23 0.00	35.96 2.03 0.00	33.70 1.81 0.00	35.79 1.88 0.00	33.96 1.86 0.00	38.35 2.13 0.00	75.15 4.33 0.00	88.84 5.09 0.00	51.05 2.68 0.00	39.69 2.27 -0.85	54.39 3.41 0.00	48.41 3.15 0.00	47.61 3.11 0.00	55.70 3.67 0.00	54.53 3.58 0.00	81.78 5.06 0.00	143.60 8.85 0.00	85.37 5.20 0.00	65.82 3.64 0.00	83.64 4.53 0.00	81.69 4.38 0.00	64.83 3.56 0.00	55.42 3.04 0.00	54.84 2.74 0.00
N.TROY___115KV_TB1 355778	37.36 1.32 0.00	35.14 1.21 0.00	33.02 1.12 0.00	35.16 1.25 0.00	33.27 1.17 0.00	37.54 1.33 0.00	73.11 2.29 0.00	86.37 2.62 0.00	50.06 1.69 0.00	37.83 1.27 0.00	52.51 1.53 0.00	46.58 1.32 0.00	45.97 1.47 0.00	53.58 1.54 0.00	52.54 1.60 0.00	79.58 2.85 0.00	139.42 4.66 0.00	82.60 2.42 0.00	64.27 2.09 0.00	81.72 2.61 0.00	79.98 2.68 0.00	63.34 2.07 0.00	54.09 1.70 0.00	53.57 1.47 0.00
NARROWS_GT1_1 24228	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.95 0.00	51.12 2.75 0.00	39.72 2.30 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
NARROWS_GT1_2 24229	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.95 0.00	51.12 2.75 0.00	39.72 2.30 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
NARROWS_GT1_3 24230	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.95 0.00	51.12 2.75 0.00	39.72 2.30 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
NARROWS_GT1_4 24231	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.95 0.00	51.12 2.75 0.00	39.72 2.30 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
NARROWS_GT1_5 24232	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.95 0.00	51.12 2.75 0.00	39.72 2.30 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00

NARROWS_GT1_6 24233	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.95 0.00	51.12 2.75 0.00	39.72 2.30 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
NARROWS_GT1_7 24234	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.95 0.00	51.12 2.75 0.00	39.72 2.30 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
NARROWS_GT1_8 24235	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.95 0.00	51.12 2.75 0.00	39.72 2.30 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
NARROWS_GT2_1 24236	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.95 0.00	51.12 2.75 0.00	39.72 2.30 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
NARROWS_GT2_2 24237	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.95 0.00	51.12 2.75 0.00	39.72 2.30 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
NARROWS_GT2_3 24238	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.95 0.00	51.12 2.75 0.00	39.72 2.30 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
NARROWS_GT2_4 24239	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.95 0.00	51.12 2.75 0.00	39.72 2.30 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
NARROWS_GT2_5 24240	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.95 0.00	51.12 2.75 0.00	39.72 2.30 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
NARROWS_GT2_6 24241	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.95 0.00	51.12 2.75 0.00	39.72 2.30 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
NARROWS_GT2_7 24242	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.95 0.00	51.12 2.75 0.00	39.72 2.30 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
NARROWS_GT2_8 24243	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.95 0.00	51.12 2.75 0.00	39.72 2.30 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	37.62 1.58 0.00	35.41 1.48 0.00	33.27 1.38 0.00	35.40 1.49 0.00	33.51 1.40 0.00	37.79 1.58 0.00	73.63 2.81 0.00	87.29 3.55 0.00	51.31 2.94 0.00	38.86 2.30 0.00	53.47 2.49 0.00	47.54 2.29 0.00	46.57 2.07 0.00	54.38 2.35 0.00	53.43 2.48 0.00	80.92 4.19 0.00	143.54 8.79 0.00	85.53 5.36 0.00	66.45 4.27 0.00	84.28 5.18 0.00	82.30 5.00 0.00	65.01 3.73 0.00	55.34 2.96 0.00	54.75 2.65 0.00
NCHELSEA_115KV_TR2 355582	38.15 2.11 0.00	35.81 1.88 0.00	33.64 1.74 0.00	35.76 1.85 0.00	33.86 1.76 0.00	38.29 2.07 0.00	75.09 4.27 0.00	88.75 5.00 0.00	51.02 2.66 0.00	38.66 2.10 0.00	54.11 3.13 0.00	48.10 2.84 0.00	47.34 2.85 0.00	55.38 3.35 0.00	54.29 3.34 0.00	81.77 5.05 0.00	143.58 8.83 0.00	85.42 5.24 0.00	66.00 3.82 0.00	83.87 4.77 0.00	81.89 4.59 0.00	64.89 3.62 0.00	55.39 3.01 0.00	54.82 2.73 0.00
NEG CAPITAL____MECHNVIL 23645	37.99 1.95 0.00	35.73 1.79 0.00	33.57 1.68 0.00	35.74 1.83 0.00	33.84 1.74 0.00	38.30 2.08 0.00	74.77 3.94 0.00	88.29 4.55 0.00	51.12 2.74 0.00	38.58 2.02 0.00	53.58 2.60 0.00	47.47 2.21 0.00	46.87 2.37 0.00	54.67 2.64 0.00	53.67 2.72 0.00	81.31 4.59 0.00	142.66 7.90 0.00	84.64 4.47 0.00	65.83 3.65 0.00	83.67 4.57 0.00	81.80 4.50 0.00	64.72 3.44 0.00	55.22 2.84 0.00	54.69 2.59 0.00
NEG CENTRAL_HIGH_ACRES 23767	34.55 -1.49 0.00	32.54 -1.39 0.00	30.56 -1.33 0.00	32.37 -1.54 0.00	30.68 -1.42 0.00	34.69 -1.53 0.00	68.14 -2.68 0.00	79.77 -3.46 0.51	46.68 -1.69 0.00	35.28 -1.28 0.00	49.36 -1.62 0.00	43.67 -1.49 0.09	42.91 -1.58 0.00	50.23 -1.81 0.00	47.87 -1.81 1.27	69.78 -3.14 3.80	124.29 -5.46 5.01	76.59 -2.85 0.74	60.00 -2.18 0.00	76.35 -2.75 0.00	73.99 -2.83 0.48	59.06 -2.21 0.00	50.97 -1.41 0.00	51.15 -0.95 0.00



NEG CENTRAL___DRP 24199	35.73 -0.31 0.00	33.68 -0.25 0.00	31.65 -0.25 0.00	33.58 -0.33 0.00	31.84 -0.26 0.00	36.01 -0.21 0.00	70.55 -0.27 0.00	83.38 -0.37 0.00	48.32 -0.05 0.00	36.49 -0.07 0.00	50.96 -0.02 0.00	45.15 -0.10 0.00	44.35 -0.15 0.00	51.86 -0.18 0.00	50.78 -0.17 0.00	76.33 -0.40 0.00	134.04 -0.71 0.00	79.93 -0.24 0.00	62.06 -0.12 0.00	78.82 -0.29 0.00	76.89 -0.41 0.00	60.89 -0.38 0.00	52.30 -0.08 0.00	52.22 0.13 0.00
NEG CENTRAL___INDECK 23768	35.44 -0.60 0.00	33.32 -0.61 0.00	31.24 -0.66 0.00	33.00 -0.91 0.00	31.36 -0.74 0.00	35.62 -0.59 0.00	70.28 -0.54 0.00	79.69 -1.33 2.73	47.97 -0.40 0.00	35.70 -0.86 0.00	49.51 -1.47 0.00	42.79 -1.72 0.75	42.85 -1.64 0.00	50.65 -1.38 0.00	40.62 -1.57 8.77	50.48 -2.70 23.54	98.92 -3.54 32.29	74.03 -1.56 4.59	59.82 -2.36 0.00	76.12 -2.95 0.03	71.04 -3.27 3.00	58.82 -2.45 0.00	52.05 -0.33 0.00	53.28 1.18 0.00
NEG CENTRAL___SENECA 23627	35.60 -0.44 0.00	33.53 -0.40 0.00	31.50 -0.39 0.00	33.40 -0.51 0.00	31.68 -0.42 0.00	35.84 -0.38 0.00	70.32 -0.50 0.00	82.68 -0.74 0.33	48.16 -0.21 0.00	36.37 -0.19 0.00	50.84 -0.15 0.00	45.04 -0.22 0.00	44.21 -0.29 0.00	51.70 -0.34 0.00	50.62 -0.33 0.00	75.98 -0.74 0.00	133.42 -1.34 0.00	79.73 -0.45 0.00	61.85 -0.33 0.00	78.63 -0.47 0.00	76.68 -0.63 0.00	60.72 -0.55 0.00	52.25 -0.13 0.00	52.24 0.14 0.00
NEG CENTRAL___STATE_STREET 24147	35.98 -0.06 0.00	34.00 0.06 0.00	31.96 0.06 0.00	33.93 0.02 0.00	32.20 0.10 0.00	36.41 0.19 0.00	71.05 0.23 0.00	84.80 0.40 -0.66	48.70 0.33 0.00	36.78 0.22 0.00	51.33 0.35 0.00	45.66 0.20 -0.21	44.72 0.22 0.00	52.36 0.33 0.00	54.24 0.34 -2.94	84.06 0.50 -6.84	144.80 0.89 -9.15	81.90 0.40 -1.32	62.72 0.54 0.00	79.48 0.37 -0.01	78.34 0.17 -0.87	61.37 0.10 0.00	52.70 0.31 0.00	52.52 0.42 0.00
NEG MILLWOOD___DRP 24198	38.25 2.21 0.00	35.89 1.96 0.00	33.72 1.83 0.00	35.83 1.92 0.00	33.94 1.84 0.00	38.38 2.16 0.00	75.29 4.47 0.00	89.00 5.26 0.00	51.15 2.78 0.00	38.75 2.19 0.00	54.29 3.31 0.00	48.26 3.01 0.00	47.48 2.99 0.00	55.53 3.49 0.00	54.45 3.50 0.00	81.98 5.25 0.00	144.00 9.25 0.00	85.73 5.56 0.00	66.20 4.02 0.00	84.13 5.03 0.00	82.10 4.79 0.00	65.04 3.77 0.00	55.51 3.13 0.00	54.94 2.84 0.00
NEG NORTH_FLCN_SEA 23793	35.42 -0.62 0.00	33.33 -0.60 0.00	31.34 -0.56 0.00	33.35 -0.56 0.00	31.58 -0.52 0.00	35.61 -0.60 0.00	70.04 -0.78 0.00	83.03 -0.71 0.00	47.83 -0.54 0.00	36.03 -0.53 0.00	50.19 -0.80 0.00	44.62 -0.64 0.00	43.77 -0.72 0.00	51.28 -0.76 0.00	50.00 -0.95 0.00	75.04 -1.68 0.00	132.51 -2.24 0.00	79.10 -1.08 0.00	61.38 -0.80 0.00	78.36 -0.74 0.00	76.42 -0.88 0.00	60.62 -0.65 0.00	51.82 -0.57 0.00	51.65 -0.45 0.00
NEG NORTH_KES_CHATEGAY 23792	35.22 -0.82 0.00	33.14 -0.79 0.00	31.16 -0.74 0.00	33.15 -0.76 0.00	31.40 -0.70 0.00	35.40 -0.81 0.00	69.63 -1.19 0.00	82.57 -1.17 0.00	47.54 -0.83 0.00	35.80 -0.76 0.00	49.85 -1.13 0.00	44.34 -0.91 0.00	43.50 -0.99 0.00	50.96 -1.07 0.00	49.68 -1.27 0.00	74.53 -2.19 0.00	131.61 -3.15 0.00	78.54 -1.64 0.00	61.00 -1.18 0.00	77.89 -1.21 0.00	75.94 -1.36 0.00	60.27 -1.00 0.00	51.53 -0.86 0.00	51.34 -0.76 0.00
NEG NORTH___ALICE_FALLS 23915	35.60 -0.44 0.00	33.51 -0.43 0.00	31.49 -0.41 0.00	33.51 -0.40 0.00	31.74 -0.36 0.00	35.81 -0.40 0.00	70.47 -0.36 0.00	83.59 -0.15 0.00	48.14 -0.23 0.00	36.21 -0.36 0.00	50.41 -0.57 0.00	44.76 -0.50 0.00	43.89 -0.61 0.00	51.50 -0.53 0.00	50.25 -0.70 0.00	75.48 -1.25 0.00	133.47 -1.29 0.00	79.70 -0.48 0.00	61.87 -0.31 0.00	79.00 -0.11 0.00	76.99 -0.31 0.00	61.04 -0.23 0.00	52.15 -0.24 0.00	51.96 -0.14 0.00
NEG NORTH___LWR_SARANAC 23913	35.60 -0.44 0.00	33.51 -0.43 0.00	31.49 -0.41 0.00	33.51 -0.40 0.00	31.74 -0.36 0.00	35.81 -0.40 0.00	70.47 -0.36 0.00	83.59 -0.15 0.00	48.14 -0.23 0.00	36.21 -0.36 0.00	50.41 -0.57 0.00	44.76 -0.50 0.00	43.89 -0.61 0.00	51.50 -0.53 0.00	50.25 -0.70 0.00	75.48 -1.25 0.00	133.47 -1.29 0.00	79.70 -0.48 0.00	61.87 -0.31 0.00	79.00 -0.11 0.00	76.99 -0.31 0.00	61.04 -0.23 0.00	52.15 -0.24 0.00	51.96 -0.14 0.00
NEG NORTH___PLATTSBURG 23628	35.60 -0.43 0.00	33.51 -0.43 0.00	31.49 -0.41 0.00	33.51 -0.40 0.00	31.74 -0.36 0.00	35.81 -0.40 0.00	70.47 -0.36 0.00	83.59 -0.15 0.00	48.14 -0.23 0.00	36.21 -0.36 0.00	50.41 -0.57 0.00	44.77 -0.49 0.00	43.88 -0.61 0.00	51.50 -0.53 0.00	50.26 -0.70 0.00	75.48 -1.24 0.00	133.47 -1.29 0.00	79.70 -0.47 0.00	61.87 -0.30 0.00	79.00 -0.11 0.00	77.00 -0.31 0.00	61.05 -0.23 0.00	52.15 -0.24 0.00	51.96 -0.13 0.00
NEG WEST_LEA_LOCKPORT 23791	33.91 -2.13 0.00	31.89 -2.04 0.00	29.94 -1.96 0.00	31.58 -2.33 0.00	29.85 -2.25 0.00	33.61 -2.60 0.00	65.97 -4.84 0.00	75.67 -6.45 1.63	45.21 -3.17 0.00	34.16 -2.40 0.00	47.91 -3.07 0.00	42.14 -2.79 0.32	41.43 -3.07 0.00	48.50 -3.53 0.00	42.91 -3.42 4.62	57.07 -6.13 13.51	104.97 -10.87 18.92	71.86 -5.76 2.55	57.80 -4.37 0.00	73.96 -5.12 0.02	70.66 -4.98 1.67	57.63 -3.65 0.00	50.52 -1.86 0.00	51.60 -0.50 0.00
NEG WEST___LANCASTR 23811	34.39 -1.65 0.00	32.31 -1.62 0.00	30.34 -1.56 0.00	32.02 -1.89 0.00	30.36 -1.74 0.00	34.37 -1.84 0.00	67.27 -3.55 0.00	76.38 -5.27 2.10	45.84 -2.53 0.00	34.66 -1.91 0.00	48.59 -2.39 0.00	42.57 -2.23 0.46	42.16 -2.34 0.00	49.40 -2.63 0.00	42.04 -2.67 6.24	54.33 -4.75 17.64	101.55 -8.65 24.56	72.10 -4.73 3.35	58.58 -3.60 0.00	75.16 -3.92 0.02	71.19 -3.92 2.19	58.55 -2.73 0.00	51.08 -1.31 0.00	51.89 -0.20 0.00
NEG_PENN_ALLEGHNY 23528	36.16 0.12 0.00	34.01 0.08 0.00	31.95 0.06 0.00	33.93 0.02 0.00	32.19 0.09 0.00	36.41 0.19 0.00	71.31 0.49 0.00	84.46 0.71 0.00	48.84 0.47 0.00	36.87 0.31 0.00	51.46 0.48 0.00	45.43 0.35 0.18	44.88 0.38 0.00	52.55 0.52 0.00	49.82 0.58 1.71	73.01 0.86 4.57	129.84 1.42 6.34	80.30 1.00 0.88	62.94 0.76 0.00	80.00 0.91 0.01	77.55 0.82 0.57	61.95 0.67 0.00	53.02 0.63 0.00	52.76 0.66 0.00
NEG___GEN_MONROE 24207	35.26 -0.78 0.00	33.17 -0.76 0.00	31.15 -0.74 0.00	32.94 -0.96 0.00	31.21 -0.89 0.00	35.28 -0.93 0.00	69.37 -1.45 0.00	80.72 -2.04 0.99	47.61 -0.76 0.00	35.95 -0.61 0.00	50.27 -0.71 0.00	44.40 -0.65 0.21	43.62 -0.88 0.00	51.05 -0.98 0.00	47.12 -0.98 2.85	66.59 -2.09 8.04	120.60 -3.37 10.79	77.25 -1.38 1.55	61.15 -1.03 0.00	77.94 -1.16 0.01	74.98 -1.31 1.02	60.31 -0.96 0.00	52.29 -0.09 0.00	52.77 0.67 0.00
NEPA___ENERGY 23901	34.06 -1.98 0.00	31.98 -1.95 0.00	30.04 -1.86 0.00	31.77 -2.14 0.00	30.22 -1.88 0.00	34.32 -1.89 0.00	67.04 -3.79 0.00	75.62 -6.06 2.07	45.41 -2.96 0.00	34.35 -2.21 0.00	48.10 -2.89 0.00	42.02 -2.78 0.46	41.65 -2.85 0.00	48.74 -3.29 0.00	41.24 -3.54 6.17	53.54 -5.84 17.34	99.47 -11.08 24.21	71.03 -5.85 3.29	57.88 -4.29 0.00	74.36 -4.72 0.02	70.29 -4.86 2.15	58.00 -3.27 0.00	50.56 -1.83 0.00	51.36 -0.74 0.00

NEVERSINK___HYD 23608	37.69 1.65 0.00	35.37 1.44 0.00	33.23 1.33 0.00	35.32 1.41 0.00	33.46 1.36 0.00	37.87 1.66 0.00	74.62 3.80 0.00	89.51 5.77 0.00	51.45 3.08 0.00	38.87 2.31 0.00	54.40 3.42 0.00	48.28 3.03 0.00	47.30 2.80 0.00	55.29 3.26 0.00	54.29 3.34 0.00	81.81 5.09 0.00	143.46 8.71 0.00	85.37 5.20 0.00	66.00 3.83 0.00	83.90 4.79 0.00	81.93 4.63 0.00	64.89 3.61 0.00	55.39 3.01 0.00	54.79 2.70 0.00
NEWKRMKL_115KV_TB1 55635	36.88 0.84 0.00	34.74 0.81 0.00	32.65 0.75 0.00	34.70 0.79 0.00	32.81 0.71 0.00	36.91 0.69 0.00	71.64 0.82 0.00	84.76 1.02 0.00	49.15 0.78 0.00	37.28 0.72 0.00	51.64 0.65 0.00	45.95 0.70 0.00	45.28 0.79 0.00	52.78 0.74 0.00	51.69 0.74 0.00	78.20 1.47 0.00	137.08 2.32 0.00	81.31 1.13 0.00	63.17 1.00 0.00	80.19 1.08 0.00	78.46 1.16 0.00	62.13 0.85 0.00	53.01 0.62 0.00	52.57 0.47 0.00
NEWTON___FALLS_HYD 23847	35.05 -0.99 0.00	33.02 -0.91 0.00	31.05 -0.85 0.00	33.05 -0.86 0.00	31.35 -0.75 0.00	35.40 -0.81 0.00	69.33 -1.49 0.00	82.28 -1.47 0.00	47.59 -0.78 0.00	35.94 -0.62 0.00	50.19 -0.79 0.00	44.57 -0.68 0.00	43.61 -0.88 0.00	51.23 -0.81 0.00	50.18 -0.77 0.00	75.19 -1.53 0.00	132.66 -2.10 0.00	79.53 -0.65 0.00	61.22 -0.96 0.00	77.86 -1.25 0.00	75.85 -1.45 0.00	60.69 -0.58 0.00	51.79 -0.60 0.00	51.45 -0.66 0.00
NGRID_A1_DSASP 323792	33.40 -2.64 0.00	31.43 -2.51 0.00	29.50 -2.39 0.00	31.11 -2.80 0.00	29.37 -2.72 0.00	33.11 -3.10 0.00	64.96 -5.86 0.00	74.32 -7.77 1.65	44.55 -3.82 0.00	33.69 -2.87 0.00	47.31 -3.67 0.00	41.60 -3.32 0.34	40.91 -3.59 0.00	47.88 -4.15 0.00	42.08 -4.13 4.74	55.23 -7.70 13.79	101.83 -13.39 19.53	70.16 -7.42 2.60	56.60 -5.58 0.00	72.38 -6.70 0.02	69.11 -6.50 1.70	56.51 -4.76 0.00	49.83 -2.56 0.00	50.79 -1.31 0.00
NGRID_A2_DSASP 323793	33.40 -2.64 0.00	31.43 -2.51 0.00	29.50 -2.39 0.00	31.11 -2.80 0.00	29.37 -2.72 0.00	33.11 -3.10 0.00	64.96 -5.86 0.00	74.32 -7.77 1.65	44.55 -3.82 0.00	33.69 -2.87 0.00	47.31 -3.67 0.00	41.60 -3.32 0.34	40.91 -3.59 0.00	47.88 -4.15 0.00	42.08 -4.13 4.74	55.23 -7.70 13.79	101.83 -13.39 19.53	70.16 -7.42 2.60	56.60 -5.58 0.00	72.38 -6.70 0.02	69.11 -6.50 1.70	56.51 -4.76 0.00	49.83 -2.56 0.00	50.79 -1.31 0.00
NGRID_A4_DSASP 323807	33.40 -2.64 0.00	31.43 -2.51 0.00	29.50 -2.39 0.00	31.11 -2.80 0.00	29.37 -2.72 0.00	33.11 -3.10 0.00	64.96 -5.86 0.00	74.32 -7.77 1.65	44.55 -3.82 0.00	33.69 -2.87 0.00	47.31 -3.67 0.00	41.60 -3.32 0.34	40.91 -3.59 0.00	47.88 -4.15 0.00	42.08 -4.13 4.74	55.23 -7.70 13.79	101.83 -13.39 19.53	70.16 -7.42 2.60	56.60 -5.58 0.00	72.38 -6.70 0.02	69.11 -6.50 1.70	56.51 -4.76 0.00	49.83 -2.56 0.00	50.79 -1.31 0.00
NIAGARA_115E_LBMP 323715	33.50 -2.54 0.00	31.51 -2.42 0.00	29.58 -2.32 0.00	31.19 -2.72 0.00	29.45 -2.65 0.00	33.06 -3.15 0.00	64.83 -6.00 0.00	74.27 -7.81 1.66	44.44 -3.93 0.00	33.61 -2.95 0.00	47.24 -3.74 0.00	41.52 -3.40 0.34	40.81 -3.68 0.00	47.73 -4.30 0.00	42.06 -4.12 4.77	55.64 -7.22 13.86	102.19 -13.05 19.51	70.48 -7.08 2.62	56.80 -5.38 0.00	72.67 -6.42 0.02	69.43 -6.16 1.71	56.70 -4.58 0.00	49.74 -2.65 0.00	51.00 -1.10 0.00
NIAGARA_115W_LBMP 323714	33.35 -2.69 0.00	31.37 -2.56 0.00	29.45 -2.45 0.00	31.05 -2.86 0.00	29.33 -2.77 0.00	33.04 -3.18 0.00	64.85 -5.98 0.00	74.17 -7.93 1.64	44.43 -3.94 0.00	33.63 -2.93 0.00	47.21 -3.77 0.00	41.49 -3.43 0.33	40.84 -3.66 0.00	47.78 -4.26 0.00	41.98 -4.25 4.72	55.11 -7.87 13.74	101.62 -13.66 19.48	69.97 -7.62 2.59	56.44 -5.74 0.00	72.21 -6.88 0.02	68.91 -6.70 1.69	56.38 -4.90 0.00	49.71 -2.67 0.00	50.69 -1.41 0.00
NIAGARA_230_LBMP 323716	33.68 -2.36 0.00	31.70 -2.24 0.00	29.75 -2.15 0.00	31.38 -2.53 0.00	29.64 -2.46 0.00	33.40 -2.81 0.00	65.51 -5.31 0.00	75.05 -7.10 1.59	44.86 -3.51 0.00	33.95 -2.61 0.00	47.62 -3.36 0.00	41.87 -3.06 0.32	41.22 -3.27 0.00	48.21 -3.82 0.00	42.52 -3.85 4.58	56.61 -6.77 13.34	103.89 -11.86 19.01	71.24 -6.44 2.50	57.32 -4.85 0.00	73.35 -5.74 0.02	70.04 -5.62 1.64	57.16 -4.12 0.00	50.11 -2.28 0.00	51.07 -1.03 0.00
NIAGARA___115KV_198_GIBSON 55903	33.35 -2.69 0.00	31.37 -2.57 0.00	29.45 -2.45 0.00	31.05 -2.86 0.00	29.33 -2.77 0.00	33.05 -3.16 0.00	64.85 -5.97 0.00	74.19 -7.91 1.64	44.45 -3.92 0.00	33.64 -2.93 0.00	47.21 -3.77 0.00	41.52 -3.40 0.33	40.83 -3.67 0.00	47.79 -4.24 0.00	42.03 -4.20 4.72	55.10 -7.88 13.74	101.55 -13.73 19.48	69.97 -7.62 2.59	56.44 -5.74 0.00	72.21 -6.87 0.02	68.93 -6.68 1.69	56.37 -4.90 0.00	49.72 -2.66 0.00	50.69 -1.41 0.00
NIAGARA____ 23760	33.68 -2.36 0.00	31.70 -2.24 0.00	29.75 -2.15 0.00	31.38 -2.53 0.00	29.64 -2.46 0.00	33.40 -2.81 0.00	65.51 -5.31 0.00	75.03 -7.10 1.62	44.86 -3.51 0.00	33.95 -2.61 0.00	47.62 -3.36 0.00	41.86 -3.06 0.33	41.22 -3.27 0.00	48.21 -3.82 0.00	42.48 -3.85 4.61	56.44 -6.77 13.52	103.67 -11.86 19.22	71.19 -6.44 2.55	57.32 -4.85 0.00	73.35 -5.74 0.02	70.02 -5.62 1.66	57.16 -4.12 0.00	50.11 -2.28 0.00	51.07 -1.03 0.00
NINE_MILE_1 23575	34.96 -1.08 0.00	32.96 -0.97 0.00	31.00 -0.90 0.00	32.92 -0.99 0.00	31.18 -0.92 0.00	35.14 -1.08 0.00	68.67 -2.15 0.00	81.19 -2.56 0.00	46.98 -1.39 0.00	35.49 -1.07 0.00	49.49 -1.49 0.00	43.89 -1.36 0.00	43.14 -1.35 0.00	50.44 -1.59 0.00	49.42 -1.54 0.00	74.35 -2.37 0.00	130.67 -4.08 0.00	77.76 -2.41 0.00	60.31 -1.87 0.00	76.62 -2.49 0.00	74.82 -2.48 0.00	59.32 -1.96 0.00	50.77 -1.61 0.00	50.54 -1.56 0.00
NINE_MILE_2 23744	34.96 -1.08 0.00	32.97 -0.96 0.00	31.00 -0.90 0.00	32.92 -0.99 0.00	31.18 -0.92 0.00	35.14 -1.08 0.00	68.67 -2.15 0.00	81.19 -2.56 0.00	46.98 -1.39 0.00	35.49 -1.07 0.00	49.49 -1.49 0.00	43.89 -1.36 0.00	43.14 -1.35 0.00	50.45 -1.59 0.00	49.42 -1.54 0.00	74.35 -2.37 0.00	130.69 -4.07 0.00	77.76 -2.41 0.00	60.31 -1.87 0.00	76.62 -2.49 0.00	74.82 -2.48 0.00	59.32 -1.96 0.00	50.78 -1.61 0.00	50.54 -1.56 0.00
NM_CAPITAL___DRP 24208	36.94 0.90 0.00	34.78 0.85 0.00	32.69 0.79 0.00	34.72 0.81 0.00	32.84 0.74 0.00	36.95 0.73 0.00	71.67 0.85 0.00	84.76 1.02 0.00	49.14 0.77 0.00	37.25 0.69 0.00	51.64 0.66 0.00	45.96 0.71 0.00	45.33 0.84 0.00	52.85 0.82 0.00	51.78 0.83 0.00	78.30 1.58 0.00	137.22 2.47 0.00	81.36 1.19 0.00	63.24 1.07 0.00	80.31 1.20 0.00	78.60 1.30 0.00	62.25 0.97 0.00	53.12 0.74 0.00	52.69 0.59 0.00
NM_CENTRAL___DRP 24181	35.62 -0.42 0.00	33.58 -0.36 0.00	31.57 -0.33 0.00	33.52 -0.39 0.00	31.77 -0.33 0.00	35.85 -0.36 0.00	70.17 -0.65 0.00	82.93 -0.81 0.00	48.02 -0.35 0.00	36.30 -0.26 0.00	50.65 -0.34 0.00	44.91 -0.35 0.00	44.13 -0.36 0.00	51.64 -0.39 0.00	50.59 -0.36 0.00	76.12 -0.60 0.00	133.76 -0.99 0.00	79.61 -0.57 0.00	61.72 -0.46 0.00	78.43 -0.67 0.00	76.56 -0.74 0.00	60.63 -0.64 0.00	51.89 -0.49 0.00	51.64 -0.46 0.00

NM_FRONTIER___DRP 24179	33.35 -2.69 0.00	31.37 -2.57 0.00	29.45 -2.45 0.00	31.05 -2.86 0.00	29.33 -2.77 0.00	33.05 -3.16 0.00	64.85 -5.97 0.00	74.19 -7.91 1.64	44.45 -3.92 0.00	33.64 -2.93 0.00	47.21 -3.77 0.00	41.52 -3.40 0.33	40.83 -3.67 0.00	47.79 -4.24 0.00	42.03 -4.20 4.72	55.10 -7.88 13.74	101.55 -13.73 19.48	69.97 -7.62 2.59	56.44 -5.74 0.00	72.21 -6.87 0.02	68.93 -6.68 1.69	56.37 -4.90 0.00	49.72 -2.66 0.00	50.69 -1.41 0.00
NM_ST_REGIS___HYD 24053	35.87 -0.17 0.00	33.78 -0.15 0.00	31.75 -0.15 0.00	33.76 -0.15 0.00	32.00 -0.10 0.00	36.13 -0.08 0.00	70.86 0.04 0.00	84.10 0.35 0.00	48.55 0.18 0.00	36.61 0.05 0.00	51.03 0.05 0.00	45.30 0.04 0.00	44.39 -0.10 0.00	52.05 0.02 0.00	50.71 -0.25 0.00	75.68 -1.04 0.00	133.23 -1.53 0.00	79.44 -0.74 0.00	61.54 -0.64 0.00	78.67 -0.44 0.00	76.90 -0.41 0.00	61.39 0.12 0.00	52.57 0.19 0.00	52.38 0.28 0.00
NORTHPORT___1 23551	38.05 2.01 0.00	35.87 1.94 0.01	33.57 1.68 0.00	35.68 1.77 0.00	33.72 1.62 0.00	37.28 1.78 0.71	27.50 3.36 46.68	27.50 3.90 60.15	27.50 1.78 22.65	34.94 1.64 3.26	54.62 3.64 0.00	47.94 3.43 0.75	45.77 2.89 1.61	37.70 3.46 17.79	37.12 3.53 17.36	37.11 4.38 43.99	76.06 8.37 67.07	35.88 5.03 49.33	35.49 3.67 30.36	21.53 4.70 62.27	37.12 4.75 44.93	37.05 3.52 27.75	40.16 3.07 15.30	54.48 2.85 0.47
NORTHPORT___2 23552	38.05 2.01 0.00	35.87 1.94 0.01	33.57 1.68 0.00	35.68 1.77 0.00	33.72 1.62 0.00	37.28 1.78 0.71	27.50 3.36 46.68	27.50 3.90 60.15	27.50 1.78 22.65	34.94 1.64 3.26	54.62 3.64 0.00	47.94 3.43 0.75	45.77 2.89 1.61	37.70 3.46 17.79	37.12 3.53 17.36	37.11 4.38 43.99	76.06 8.37 67.07	35.88 5.03 49.33	35.49 3.67 30.36	21.53 4.70 62.27	37.12 4.75 44.93	37.05 3.52 27.75	40.16 3.07 15.30	54.48 2.85 0.47
NORTHPORT___3 23553	38.05 2.01 0.00	35.87 1.95 0.01	33.57 1.68 0.00	35.68 1.78 0.00	33.72 1.62 0.00	37.55 1.75 0.42	46.74 3.34 27.42	52.28 3.87 35.34	36.83 1.76 13.30	36.28 1.63 1.91	54.61 3.63 0.00	47.98 3.46 0.74	45.84 2.93 1.59	44.88 3.46 10.62	44.08 3.50 10.37	55.23 4.35 25.85	103.63 8.27 39.40	56.19 4.99 28.98	47.97 3.63 17.84	46.95 4.64 36.80	53.35 4.72 28.67	47.33 3.50 17.44	46.30 3.06 9.15	54.64 2.85 0.32
NORTHPORT___4 23650	38.05 2.01 0.00	35.87 1.95 0.01	33.57 1.68 0.00	35.68 1.78 0.00	33.72 1.62 0.00	37.55 1.75 0.42	46.74 3.34 27.42	52.28 3.87 35.34	36.83 1.76 13.30	36.28 1.63 1.91	54.61 3.63 0.00	47.98 3.46 0.74	45.84 2.93 1.59	44.88 3.46 10.62	44.08 3.50 10.37	55.23 4.35 25.85	103.63 8.27 39.40	56.19 4.99 28.98	47.97 3.63 17.84	46.95 4.64 36.80	53.35 4.72 28.67	47.33 3.50 17.44	46.30 3.06 9.15	54.64 2.85 0.32
NORTHPORT___IC 23718	38.04 2.00 0.00	35.88 1.95 0.01	33.57 1.68 0.00	35.68 1.77 0.00	33.72 1.62 0.00	37.28 1.77 0.71	27.50 3.36 46.68	27.50 3.91 60.15	27.50 1.78 22.65	34.94 1.64 3.26	54.63 3.65 0.00	47.93 3.43 0.75	45.77 2.89 1.61	37.71 3.47 17.79	37.12 3.53 17.36	37.11 4.38 43.99	76.06 8.37 67.07	35.89 5.04 49.33	35.49 3.67 30.36	21.53 4.70 62.27	37.21 4.84 44.93	37.08 3.56 27.75	40.21 3.12 15.30	54.52 2.88 0.47
NORTH___COUNTRY_ESR 323785	35.20 -0.84 0.00	33.13 -0.80 0.00	31.15 -0.74 0.00	33.14 -0.77 0.00	31.39 -0.71 0.00	35.39 -0.83 0.00	69.54 -1.28 0.00	82.49 -1.26 0.00	47.49 -0.88 0.00	35.79 -0.77 0.00	49.84 -1.14 0.00	44.34 -0.92 0.00	43.50 -0.99 0.00	50.94 -1.09 0.00	49.66 -1.29 0.00	74.53 -2.19 0.00	131.49 -3.27 0.00	78.47 -1.71 0.00	60.93 -1.25 0.00	77.80 -1.30 0.00	75.86 -1.44 0.00	60.23 -1.04 0.00	51.48 -0.91 0.00	51.30 -0.80 0.00
NPX_GEN_1385_PROXY 323591	38.30 2.26 0.00	36.41 2.24 -0.24	37.75 1.96 -3.89	37.72 2.06 -1.75	41.58 1.90 -7.58	45.05 2.09 -6.75	28.04 3.90 46.68	50.05 4.59 38.29	27.85 2.13 22.65	35.19 1.88 3.26	54.95 3.97 0.00	47.81 3.31 0.75	45.69 2.81 1.61	37.98 3.74 17.79	37.53 3.94 17.36	94.61 5.02 -12.87	121.91 9.47 22.31	94.88 5.69 -9.01	35.90 4.08 30.36	22.10 5.27 62.27	59.78 5.41 22.94	55.83 4.04 9.48	47.44 3.52 8.46	54.79 3.15 0.47
NPX_GEN_CSC 323557	38.79 2.75 0.00	36.60 2.68 0.01	34.27 2.38 0.00	36.41 2.50 0.00	34.45 2.35 0.00	38.95 2.60 -0.14	84.79 4.90 -9.07	101.07 5.63 -11.69	55.43 2.66 -4.40	39.51 2.32 -0.63	55.50 4.52 0.00	48.59 4.01 0.68	46.50 3.46 1.46	59.51 4.47 -3.00	58.45 4.61 -2.90	88.97 5.93 -6.31	159.49 11.69 -13.04	96.99 7.22 -9.59	73.49 5.41 -5.90	97.45 6.83 -11.52	86.44 6.70 -2.44	68.53 4.99 -2.26	59.29 4.38 -2.53	56.09 4.03 0.04
NSINS_S_GLNS_FALLS 23858	38.60 2.56 0.00	36.29 2.35 0.00	34.10 2.21 0.00	36.28 2.37 0.00	34.40 2.30 0.00	39.07 2.86 0.00	76.25 5.43 0.00	89.96 6.22 0.00	52.04 3.67 0.00	39.27 2.71 0.00	54.46 3.48 0.00	48.20 2.95 0.00	47.62 3.13 0.00	55.47 3.44 0.00	54.56 3.61 0.00	83.04 6.32 0.00	145.35 10.60 0.00	86.33 6.15 0.00	67.27 5.09 0.00	85.48 6.37 0.00	83.40 6.10 0.00	65.98 4.71 0.00	56.27 3.88 0.00	55.65 3.55 0.00
NUCOR_STEEL___DRP 24197	35.95 -0.08 0.00	33.99 0.06 0.00	31.94 0.05 0.00	33.93 0.02 0.00	32.20 0.10 0.00	36.39 0.18 0.00	70.98 0.16 0.00	84.72 0.36 -0.62	48.67 0.30 0.00	36.76 0.20 0.00	51.31 0.33 0.00	45.61 0.16 -0.20	44.69 0.20 0.00	52.35 0.31 0.00	54.02 0.32 -2.75	83.62 0.47 -6.42	144.15 0.79 -8.60	81.73 0.31 -1.25	62.69 0.51 0.00	79.39 0.28 -0.01	78.21 0.10 -0.81	61.32 0.04 0.00	52.68 0.29 0.00	52.47 0.37 0.00
NUMBER_THREE_WT_PWR 323818	34.70 -1.34 0.00	32.73 -1.20 0.00	30.80 -1.10 0.00	32.83 -1.08 0.00	31.17 -0.93 0.00	35.19 -1.02 0.00	69.12 -1.70 0.00	81.90 -1.84 0.00	47.49 -0.88 0.00	35.91 -0.65 0.00	49.98 -1.00 0.00	44.39 -0.86 0.00	43.34 -1.15 0.00	50.99 -1.05 0.00	50.28 -0.67 0.00	75.80 -0.92 0.00	134.56 -0.20 0.00	81.28 1.11 0.00	62.24 0.07 0.00	78.71 -0.39 0.00	76.24 -1.07 0.00	60.85 -0.42 0.00	51.72 -0.66 0.00	51.23 -0.87 0.00
NYISO_LBMP_REFERENCE 24008	36.04 0.00 0.00	33.93 0.00 0.00	31.90 0.00 0.00	33.91 0.00 0.00	32.10 0.00 0.00	36.22 0.00 0.00	70.82 0.00 0.00	83.75 0.00 0.00	48.37 0.00 0.00	36.56 0.00 0.00	50.98 0.00 0.00	45.25 0.00 0.00	44.49 0.00 0.00	52.03 0.00 0.00	50.95 0.00 0.00	76.72 0.00 0.00	134.76 0.00 0.00	80.18 0.00 0.00	62.18 0.00 0.00	79.11 0.00 0.00	77.30 0.00 0.00	61.27 0.00 0.00	52.38 0.00 0.00	52.10 0.00 0.00
NYPA_BRENTWD____GT 24164	38.55 2.51 0.00	36.33 2.40 0.00	34.01 2.11 0.00	36.14 2.23 0.00	34.18 2.08 0.00	38.67 2.34 -0.12	83.44 4.78 -7.84	99.42 5.58 -10.10	54.91 2.73 -3.80	39.38 2.27 -0.55	55.39 4.41 0.00	48.70 3.92 0.47	46.88 3.39 1.01	59.07 4.38 -2.66	58.05 4.53 -2.57	90.04 5.94 -7.38	157.16 11.15 -11.26	94.82 6.36 -8.28	72.14 4.87 -5.10	95.58 6.44 -10.03	86.77 6.46 -3.01	68.48 4.80 -2.40	58.78 4.15 -2.25	55.84 3.76 0.02

NYPA_GOWANUS____GT5 24156	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.36 2.15 0.00	74.96 4.14 0.00	88.67 4.92 0.00	51.11 2.74 0.00	39.72 2.29 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
NYPA_GOWANUS____GT6 24157	38.29 2.25 0.00	35.94 2.00 0.00	33.73 1.84 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.36 2.15 0.00	74.96 4.14 0.00	88.67 4.92 0.00	51.11 2.74 0.00	39.72 2.29 -0.87	54.42 3.43 0.00	48.47 3.22 0.00	47.67 3.18 0.00	55.74 3.71 0.00	54.58 3.63 0.00	81.83 5.11 0.00	143.62 8.86 0.00	85.46 5.28 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.42 0.00	64.85 3.58 0.00	55.51 3.12 0.00	54.94 2.84 0.00
NYPA_HARLEM__RVR__GT1 24160	38.20 2.15 0.00	35.87 1.94 0.00	33.63 1.73 0.00	35.71 1.81 0.00	33.87 1.77 0.00	38.26 2.05 0.00	75.00 4.18 0.00	88.66 4.91 0.00	50.95 2.57 0.00	39.60 2.19 -0.86	54.23 3.24 0.00	48.28 3.03 0.00	47.48 2.99 0.00	55.56 3.52 0.00	54.39 3.44 0.00	81.60 4.88 0.00	143.31 8.56 0.00	85.21 5.04 0.00	65.69 3.51 0.00	83.47 4.36 0.00	81.53 4.22 0.00	64.66 3.39 0.00	55.29 2.91 0.00	54.70 2.60 0.00
NYPA_HARLEM__RVR__GT2 24161	38.20 2.15 0.00	35.87 1.94 0.00	33.63 1.73 0.00	35.71 1.81 0.00	33.87 1.77 0.00	38.26 2.05 0.00	75.00 4.18 0.00	88.66 4.91 0.00	50.95 2.57 0.00	39.60 2.19 -0.86	54.23 3.24 0.00	48.28 3.03 0.00	47.48 2.99 0.00	55.56 3.52 0.00	54.39 3.44 0.00	81.60 4.88 0.00	143.31 8.56 0.00	85.21 5.04 0.00	65.69 3.51 0.00	83.47 4.36 0.00	81.53 4.22 0.00	64.66 3.39 0.00	55.29 2.91 0.00	54.70 2.60 0.00
NYPA_KENT____GT 24152	38.23 2.19 0.00	35.88 1.94 0.00	33.69 1.79 0.00	35.74 1.84 0.00	33.90 1.80 0.00	38.31 2.09 0.00	74.91 4.09 0.00	88.57 4.82 0.00	51.02 2.64 0.00	39.67 2.25 -0.86	54.36 3.37 0.00	48.41 3.15 0.00	47.62 3.12 0.00	55.68 3.64 0.00	54.53 3.58 0.00	81.80 5.07 0.00	143.53 8.77 0.00	85.32 5.14 0.00	65.75 3.57 0.00	83.53 4.42 0.00	81.57 4.27 0.00	64.74 3.47 0.00	55.40 3.02 0.00	54.85 2.75 0.00
NYPA_POUCH1____GT 24155	38.29 2.25 0.00	35.93 2.00 0.00	33.73 1.83 0.00	35.80 1.89 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.91 4.09 0.00	88.53 4.78 0.00	51.09 2.72 0.00	39.68 2.25 -0.87	54.31 3.33 0.00	48.39 3.13 0.00	47.59 3.10 0.00	55.61 3.58 0.00	54.46 3.51 0.00	81.57 4.84 0.00	143.18 8.42 0.00	85.23 5.05 0.00	65.69 3.52 0.00	83.44 4.34 0.00	81.49 4.18 0.00	64.69 3.42 0.00	55.42 3.03 0.00	54.88 2.78 0.00
NYPA_VERNON____GT2 24162	38.16 2.12 0.00	35.82 1.88 0.00	33.64 1.74 0.00	35.69 1.79 0.00	33.86 1.76 0.00	38.25 2.04 0.00	74.89 4.08 0.00	88.54 4.79 0.00	50.95 2.58 0.00	39.62 2.20 -0.86	54.30 3.32 0.00	48.35 3.09 0.00	47.55 3.06 0.00	55.62 3.58 0.00	54.49 3.54 0.00	81.73 5.01 0.00	143.43 8.67 0.00	85.26 5.08 0.00	65.69 3.51 0.00	83.44 4.34 0.00	81.45 4.15 0.00	64.62 3.35 0.00	55.29 2.91 0.00	54.75 2.65 0.00
NYPA_VERNON____GT3 24163	38.16 2.12 0.00	35.82 1.88 0.00	33.64 1.74 0.00	35.69 1.79 0.00	33.86 1.76 0.00	38.25 2.04 0.00	74.89 4.08 0.00	88.54 4.79 0.00	50.95 2.58 0.00	39.62 2.20 -0.86	54.30 3.32 0.00	48.35 3.09 0.00	47.55 3.06 0.00	55.62 3.58 0.00	54.49 3.54 0.00	81.73 5.01 0.00	143.43 8.67 0.00	85.26 5.08 0.00	65.69 3.51 0.00	83.44 4.34 0.00	81.45 4.15 0.00	64.62 3.35 0.00	55.29 2.91 0.00	54.75 2.65 0.00
NYPA____ASTORIA_CC1 323568	38.10 2.06 0.00	35.77 1.84 0.00	33.60 1.70 0.00	35.64 1.74 0.00	33.82 1.72 0.00	38.20 1.98 0.00	74.83 4.01 0.00	88.45 4.71 0.00	50.90 2.53 0.00	39.56 2.15 -0.86	54.21 3.23 0.00	48.27 3.01 0.00	47.49 2.99 0.00	55.54 3.51 0.00	54.40 3.45 0.00	81.63 4.90 0.00	143.25 8.50 0.00	85.16 4.98 0.00	65.62 3.44 0.00	83.36 4.26 0.00	81.37 4.07 0.00	64.56 3.28 0.00	55.21 2.83 0.00	54.66 2.56 0.00
NYPA____ASTORIA_CC2 323569	38.10 2.06 0.00	35.77 1.84 0.00	33.60 1.70 0.00	35.64 1.74 0.00	33.82 1.72 0.00	38.20 1.98 0.00	74.83 4.01 0.00	88.45 4.71 0.00	50.90 2.53 0.00	39.56 2.15 -0.86	54.21 3.23 0.00	48.27 3.01 0.00	47.49 2.99 0.00	55.54 3.51 0.00	54.40 3.45 0.00	81.63 4.90 0.00	143.25 8.50 0.00	85.16 4.98 0.00	65.62 3.44 0.00	83.36 4.26 0.00	81.37 4.07 0.00	64.56 3.28 0.00	55.21 2.83 0.00	54.66 2.56 0.00
NYPA____HOLTSVILL 23794	38.37 2.33 0.00	36.19 2.27 0.01	33.88 1.99 0.00	36.00 2.09 0.00	34.05 1.95 0.00	38.49 2.13 -0.14	84.32 3.97 -9.53	100.55 4.52 -12.28	55.12 2.12 -4.63	39.15 1.92 -0.67	54.98 4.00 0.00	48.22 3.66 0.69	46.17 3.16 1.49	59.15 3.96 -3.16	58.03 4.03 -3.05	90.66 4.96 -8.98	158.08 9.63 -13.69	96.16 5.92 -10.07	72.73 4.36 -6.20	96.76 5.54 -12.11	85.52 5.50 -2.72	67.85 4.13 -2.45	58.70 3.65 -2.67	55.43 3.37 0.03
NYPA____HELLGATE_GT1 24158	38.20 2.15 0.00	35.87 1.94 0.00	33.63 1.73 0.00	35.71 1.81 0.00	33.87 1.77 0.00	38.26 2.04 0.00	74.89 4.07 0.00	88.52 4.77 0.00	50.88 2.51 0.00	39.59 2.17 -0.86	54.23 3.24 0.00	48.28 3.03 0.00	47.48 2.99 0.00	55.56 3.52 0.00	54.39 3.44 0.00	81.54 4.82 0.00	143.14 8.39 0.00	85.08 4.90 0.00	65.59 3.42 0.00	83.34 4.24 0.00	81.43 4.13 0.00	64.65 3.37 0.00	55.29 2.91 0.00	54.70 2.60 0.00
NYPA____HELLGATE_GT2 24159	38.20 2.15 0.00	35.87 1.94 0.00	33.63 1.73 0.00	35.71 1.81 0.00	33.87 1.77 0.00	38.26 2.04 0.00	74.89 4.07 0.00	88.52 4.77 0.00	50.88 2.51 0.00	39.59 2.17 -0.86	54.23 3.24 0.00	48.28 3.03 0.00	47.48 2.99 0.00	55.56 3.52 0.00	54.39 3.44 0.00	81.54 4.82 0.00	143.14 8.39 0.00	85.08 4.90 0.00	65.59 3.42 0.00	83.34 4.24 0.00	81.43 4.13 0.00	64.65 3.37 0.00	55.29 2.91 0.00	54.70 2.60 0.00
NYS_BARGE____HYD 23848	33.96 -2.08 0.00	31.93 -2.01 0.00	29.97 -1.92 0.00	31.62 -2.29 0.00	29.88 -2.22 0.00	33.63 -2.58 0.00	66.04 -4.78 0.00	75.80 -6.36 1.59	45.26 -3.11 0.00	34.20 -2.36 0.00	47.98 -3.00 0.00	42.19 -2.75 0.32	41.50 -3.00 0.00	48.56 -3.47 0.00	43.05 -3.36 4.53	57.53 -6.00 13.20	105.61 -10.68 18.47	72.03 -5.65 2.50	57.90 -4.28 0.00	74.06 -5.03 0.02	70.80 -4.87 1.63	57.70 -3.57 0.00	50.56 -1.82 0.00	51.68 -0.42 0.00
OAK ORCHARD____HYD 24046	35.08 -0.96 0.00	33.02 -0.91 0.00	31.01 -0.89 0.00	32.81 -1.10 0.00	31.07 -1.04 0.00	35.11 -1.11 0.00	69.00 -1.83 0.00	80.25 -2.53 0.97	47.30 -1.08 0.00	35.76 -0.81 0.00	50.01 -0.97 0.00	44.15 -0.91 0.20	43.44 -1.05 0.00	50.85 -1.18 0.00	46.95 -1.24 2.77	66.51 -2.41 7.80	120.34 -3.98 10.43	76.78 -1.88 1.51	60.73 -1.45 0.00	77.40 -1.69 0.01	74.51 -1.81 0.99	59.92 -1.35 0.00	51.89 -0.49 0.00	52.23 0.13 0.00

OAKDALE___35_KV_LOAD 356122	36.01 -0.03 0.00	33.88 -0.05 0.00	31.83 -0.07 0.00	33.81 -0.10 0.00	32.06 -0.04 0.00	36.25 0.03 0.00	70.95 0.13 0.00	83.73 0.33 0.34	48.63 0.26 0.00	36.74 0.18 0.00	51.29 0.31 0.00	45.25 0.22 0.23	44.74 0.24 0.00	52.34 0.31 0.00	48.99 0.39 2.35	71.12 0.58 6.19	127.12 0.90 8.54	79.60 0.62 1.19	62.64 0.47 0.00	79.72 0.63 0.01	77.09 0.57 0.78	61.73 0.46 0.00	52.87 0.49 0.00	52.67 0.56 0.00
OCC_CHEM___DRP 24175	33.40 -2.64 0.00	31.43 -2.51 0.00	29.50 -2.39 0.00	31.11 -2.80 0.00	29.37 -2.72 0.00	33.11 -3.10 0.00	64.96 -5.86 0.00	74.32 -7.77 1.65	44.55 -3.82 0.00	33.69 -2.87 0.00	47.31 -3.67 0.00	41.60 -3.32 0.34	40.91 -3.59 0.00	47.88 -4.15 0.00	42.08 -4.13 4.74	55.23 -7.70 13.79	101.83 -13.39 19.53	70.16 -7.42 2.60	56.60 -5.58 0.00	72.38 -6.70 0.02	69.11 -6.50 1.70	56.51 -4.76 0.00	49.83 -2.56 0.00	50.79 -1.31 0.00
OH_GEN_PROXY 24063	33.71 -2.33 0.00	31.73 -2.21 0.00	29.78 -2.12 0.00	31.41 -2.50 0.00	29.69 -2.41 0.00	33.48 -2.73 0.00	65.70 -5.12 0.00	75.26 -6.90 1.59	44.97 -3.41 0.00	34.02 -2.54 0.00	47.72 -3.26 0.00	41.94 -2.99 0.33	41.32 -3.17 0.00	48.32 -3.71 0.00	42.62 -3.75 4.59	54.64 -6.57 15.51	104.28 -11.51 18.96	71.44 -6.25 2.49	57.49 -4.69 0.00	73.55 -5.53 0.02	70.23 -5.44 1.63	57.30 -3.97 0.00	50.18 -2.20 0.00	51.08 -1.02 0.00
OLIN_CORP_DRP 24177	33.53 -2.51 0.00	31.55 -2.38 0.00	29.62 -2.28 0.00	31.22 -2.69 0.00	29.49 -2.61 0.00	33.14 -3.08 0.00	64.97 -5.85 0.00	74.42 -7.64 1.69	44.54 -3.83 0.00	33.68 -2.88 0.00	47.31 -3.67 0.00	41.61 -3.30 0.34	40.88 -3.62 0.00	47.84 -4.19 0.00	42.14 -3.97 4.85	55.58 -7.08 14.07	102.20 -12.75 19.80	70.64 -6.88 2.66	56.93 -5.25 0.00	72.86 -6.23 0.02	69.58 -5.99 1.73	56.81 -4.47 0.00	49.85 -2.54 0.00	51.05 -1.05 0.00
OLIN_CORP_DSASP 323712	33.40 -2.64 0.00	31.43 -2.51 0.00	29.50 -2.39 0.00	31.11 -2.80 0.00	29.37 -2.72 0.00	33.11 -3.10 0.00	64.96 -5.86 0.00	74.32 -7.77 1.65	44.55 -3.82 0.00	33.69 -2.87 0.00	47.31 -3.67 0.00	41.60 -3.32 0.34	40.91 -3.59 0.00	47.88 -4.15 0.00	42.08 -4.13 4.74	55.23 -7.70 13.79	101.83 -13.39 19.53	70.16 -7.42 2.60	56.60 -5.58 0.00	72.38 -6.70 0.02	69.11 -6.50 1.70	56.51 -4.76 0.00	49.83 -2.56 0.00	50.79 -1.31 0.00
ONEIDA_HERK_LFGE 323681	36.02 -0.02 0.00	33.94 0.01 0.00	31.92 0.02 0.00	33.98 0.08 0.00	32.23 0.12 0.00	36.42 0.21 0.00	71.42 0.60 0.00	84.55 0.80 0.00	48.95 0.58 0.00	37.00 0.43 0.00	51.57 0.59 0.00	45.75 0.49 0.00	44.83 0.33 0.00	52.55 0.52 0.00	51.62 0.67 0.00	77.81 1.08 0.00	137.35 2.59 0.00	82.25 2.07 0.00	63.45 1.27 0.00	80.52 1.41 0.00	78.34 1.03 0.00	62.19 0.92 0.00	52.98 0.60 0.00	52.55 0.45 0.00
ONEIDA___115KV_TB4 55905	36.68 0.64 0.00	34.57 0.64 0.00	32.50 0.61 0.00	34.56 0.64 0.00	32.77 0.67 0.00	37.10 0.88 0.00	72.75 1.93 0.00	86.04 2.29 0.00	49.79 1.42 0.00	37.60 1.03 0.00	52.42 1.44 0.00	46.48 1.23 0.00	45.66 1.16 0.00	53.46 1.43 0.00	53.17 1.45 -0.77	79.02 2.30 0.00	139.09 4.33 0.00	82.84 2.66 0.00	64.14 1.97 0.00	81.50 2.39 0.00	79.45 2.14 0.00	62.89 1.62 0.00	53.68 1.30 0.00	53.28 1.18 0.00
ONONDAGA_REF_OCCRA 23987	35.94 -0.10 0.00	33.86 -0.07 0.00	31.83 -0.07 0.00	33.79 -0.11 0.00	32.04 -0.06 0.00	36.18 -0.04 0.00	70.84 0.02 0.00	84.16 -0.01 -0.42	48.46 0.09 0.00	36.62 0.06 0.00	51.11 0.13 0.00	45.42 0.04 -0.13	44.54 0.04 0.00	52.11 0.08 0.00	53.00 0.10 -1.95	81.10 0.14 -4.24	140.72 0.30 -5.67	81.24 0.24 -0.82	62.35 0.17 0.00	79.25 0.14 -0.01	77.85 0.01 -0.54	61.22 -0.05 0.00	52.36 -0.02 0.00	52.09 -0.01 0.00
ONONDAGA___COGEN 23986	35.82 -0.22 0.00	33.77 -0.16 0.00	31.74 -0.16 0.00	33.71 -0.20 0.00	31.95 -0.15 0.00	36.07 -0.15 0.00	70.59 -0.23 0.00	83.42 -0.32 0.00	48.28 -0.09 0.00	36.49 -0.07 0.00	50.90 -0.08 0.00	45.18 -0.14 -0.07	44.34 -0.15 0.00	51.90 -0.13 0.00	51.83 -0.10 -0.98	78.91 -0.19 -2.37	137.65 -0.29 -3.18	80.50 -0.14 -0.46	62.09 -0.09 0.00	78.87 -0.23 0.00	77.29 -0.31 -0.30	60.97 -0.30 0.00	52.18 -0.21 0.00	51.90 -0.20 0.00
ONTARIO___LFGE 23819	35.60 -0.44 0.00	33.54 -0.40 0.00	31.50 -0.39 0.00	33.40 -0.51 0.00	31.68 -0.42 0.00	35.83 -0.38 0.00	70.32 -0.50 0.00	82.68 -0.74 0.33	48.15 -0.22 0.00	36.37 -0.19 0.00	50.83 -0.15 0.00	45.04 -0.22 0.00	44.21 -0.28 0.00	51.70 -0.33 0.00	50.60 -0.35 0.00	75.97 -0.75 0.00	133.44 -1.32 0.00	79.73 -0.45 0.00	61.85 -0.32 0.00	78.62 -0.48 0.00	76.66 -0.64 0.00	60.73 -0.54 0.00	52.25 -0.14 0.00	52.24 0.14 0.00
ORANGEVILLE_WT_PWR 323706	33.28 -2.76 0.00	31.25 -2.69 0.00	29.33 -2.57 0.00	30.97 -2.94 0.00	29.43 -2.67 0.00	33.38 -2.84 0.00	65.40 -5.43 0.00	73.36 -7.55 2.83	44.37 -4.00 0.00	33.26 -3.30 0.00	46.30 -4.68 0.00	40.49 -4.41 0.36	40.16 -4.33 0.00	47.26 -4.77 0.00	39.04 -4.86 7.06	46.15 -7.51 23.07	90.62 -12.73 31.41	68.73 -7.08 4.36	56.76 -5.42 0.00	72.67 -6.41 0.03	67.95 -6.50 2.85	56.71 -4.56 0.00	49.66 -2.73 0.00	50.71 -1.39 0.00
ORANGEVILLE___ESR 323794	33.28 -2.76 0.00	31.25 -2.69 0.00	29.33 -2.57 0.00	30.97 -2.94 0.00	29.43 -2.67 0.00	33.38 -2.84 0.00	65.40 -5.43 0.00	73.36 -7.55 2.83	44.37 -4.00 0.00	33.26 -3.30 0.00	46.30 -4.68 0.00	40.49 -4.41 0.36	40.16 -4.33 0.00	47.26 -4.77 0.00	39.04 -4.86 7.06	46.15 -7.51 23.07	90.62 -12.73 31.41	68.73 -7.08 4.36	56.76 -5.42 0.00	72.67 -6.41 0.03	67.95 -6.50 2.85	56.71 -4.56 0.00	49.66 -2.73 0.00	50.71 -1.39 0.00
OSWEGATCHIE___HYD 24044	35.05 -0.99 0.00	33.02 -0.91 0.00	31.05 -0.85 0.00	33.05 -0.86 0.00	31.35 -0.75 0.00	35.40 -0.81 0.00	69.33 -1.49 0.00	82.28 -1.47 0.00	47.59 -0.78 0.00	35.94 -0.62 0.00	50.19 -0.79 0.00	44.57 -0.68 0.00	43.61 -0.88 0.00	51.23 -0.81 0.00	50.18 -0.77 0.00	75.20 -1.52 0.00	132.65 -2.10 0.00	79.53 -0.65 0.00	61.22 -0.96 0.00	77.86 -1.25 0.00	75.85 -1.45 0.00	60.69 -0.58 0.00	51.79 -0.60 0.00	51.44 -0.66 0.00
OSWEGO___5 23606	35.18 -0.86 0.00	33.18 -0.75 0.00	31.19 -0.70 0.00	33.13 -0.78 0.00	31.38 -0.72 0.00	35.38 -0.83 0.00	69.17 -1.65 0.00	81.78 -1.97 0.00	47.32 -1.05 0.00	35.76 -0.81 0.00	49.88 -1.11 0.00	44.23 -1.03 0.00	43.47 -1.03 0.00	50.84 -1.19 0.00	49.80 -1.15 0.00	74.90 -1.82 0.00	131.64 -3.11 0.00	78.37 -1.80 0.00	60.78 -1.40 0.00	77.24 -1.87 0.00	75.43 -1.87 0.00	59.79 -1.48 0.00	51.18 -1.21 0.00	50.93 -1.17 0.00
OSWEGO___6 23613	35.18 -0.86 0.00	33.18 -0.75 0.00	31.19 -0.70 0.00	33.13 -0.78 0.00	31.38 -0.72 0.00	35.38 -0.83 0.00	69.17 -1.65 0.00	81.78 -1.97 0.00	47.32 -1.05 0.00	35.76 -0.81 0.00	49.88 -1.11 0.00	44.23 -1.03 0.00	43.47 -1.03 0.00	50.84 -1.19 0.00	49.80 -1.15 0.00	74.90 -1.82 0.00	131.64 -3.11 0.00	78.37 -1.80 0.00	60.78 -1.40 0.00	77.24 -1.87 0.00	75.43 -1.87 0.00	59.79 -1.48 0.00	51.18 -1.21 0.00	50.93 -1.17 0.00

OUTOKUMPU-AB___DRP 24206	34.05 -1.99 0.00	32.01 -1.93 0.00	30.05 -1.84 0.00	31.71 -2.20 0.00	29.97 -2.13 0.00	33.85 -2.36 0.00	66.45 -4.37 0.00	76.01 -6.01 1.73	45.52 -2.86 0.00	34.40 -2.16 0.00	48.24 -2.74 0.00	42.40 -2.51 0.35	41.73 -2.77 0.00	48.89 -3.15 0.00	42.89 -3.10 4.96	56.54 -5.78 14.40	104.34 -10.18 20.24	72.06 -5.39 2.72	58.11 -4.07 0.00	74.32 -4.77 0.02	70.92 -4.61 1.78	57.96 -3.31 0.00	50.86 -1.53 0.00	51.87 -0.22 0.00
OXBOW___BTM 323836	33.68 -2.36 0.00	31.67 -2.27 0.00	29.73 -2.17 0.00	31.35 -2.56 0.00	29.63 -2.47 0.00	33.42 -2.79 0.00	65.62 -5.20 0.00	75.07 -6.99 1.69	44.97 -3.41 0.00	34.00 -2.56 0.00	47.71 -3.27 0.00	41.93 -2.99 0.34	41.28 -3.22 0.00	48.33 -3.71 0.00	42.41 -3.69 4.85	55.79 -6.82 14.10	103.01 -11.86 19.89	71.05 -6.46 2.66	57.30 -4.87 0.00	73.28 -5.80 0.02	69.93 -5.63 1.74	57.19 -4.08 0.00	50.29 -2.10 0.00	51.27 -0.83 0.00
OXBOW___ 24026	33.67 -2.36 0.00	31.67 -2.27 0.00	29.73 -2.17 0.00	31.35 -2.55 0.00	29.63 -2.47 0.00	33.44 -2.78 0.00	65.62 -5.20 0.00	75.09 -6.96 1.69	44.98 -3.39 0.00	34.01 -2.55 0.00	47.72 -3.26 0.00	41.95 -2.97 0.34	41.26 -3.23 0.00	48.33 -3.70 0.00	42.44 -3.66 4.85	55.82 -6.80 14.10	102.99 -11.88 19.89	71.05 -6.47 2.66	57.30 -4.87 0.00	73.30 -5.79 0.02	69.95 -5.62 1.74	57.18 -4.09 0.00	50.29 -2.10 0.00	51.27 -0.83 0.00
OXY_CHEM_DSASP 323612	33.40 -2.64 0.00	31.43 -2.51 0.00	29.50 -2.39 0.00	31.11 -2.80 0.00	29.37 -2.72 0.00	33.11 -3.10 0.00	64.96 -5.86 0.00	74.32 -7.77 1.65	44.55 -3.82 0.00	33.69 -2.87 0.00	47.31 -3.67 0.00	41.60 -3.32 0.34	40.91 -3.59 0.00	47.88 -4.15 0.00	42.08 -4.13 4.74	55.23 -7.70 13.79	101.83 -13.39 19.53	70.16 -7.42 2.60	56.60 -5.58 0.00	72.38 -6.70 0.02	69.11 -6.50 1.70	56.51 -4.76 0.00	49.83 -2.56 0.00	50.79 -1.31 0.00
OZONE_PARK_ESR 323760	38.49 2.44 0.00	36.09 2.16 0.00	33.88 1.99 0.00	35.96 2.06 0.00	34.09 1.99 0.00	38.55 2.34 0.00	75.68 4.86 0.00	89.49 5.75 0.00	51.39 3.02 0.00	39.92 2.49 -0.87	54.71 3.72 0.00	48.69 3.43 0.00	47.92 3.43 0.00	56.04 4.00 0.00	54.92 3.96 0.00	82.48 5.76 0.00	144.84 10.08 0.00	86.18 6.00 0.00	66.42 4.24 0.00	84.41 5.31 0.00	82.36 5.06 0.00	65.30 4.03 0.00	55.80 3.42 0.00	55.25 3.15 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	33.40 -2.64 0.00	31.43 -2.51 0.00	29.50 -2.39 0.00	31.11 -2.80 0.00	29.37 -2.72 0.00	33.11 -3.10 0.00	64.96 -5.86 0.00	74.32 -7.77 1.65	44.55 -3.82 0.00	33.69 -2.87 0.00	47.31 -3.67 0.00	41.60 -3.32 0.34	40.91 -3.59 0.00	47.88 -4.15 0.00	42.08 -4.13 4.74	55.23 -7.70 13.79	101.83 -13.39 19.53	70.16 -7.42 2.60	56.60 -5.58 0.00	72.38 -6.70 0.02	69.11 -6.50 1.70	56.51 -4.76 0.00	49.83 -2.56 0.00	50.79 -1.31 0.00
PACKARD___115KV_DUPONT_184 80571	33.40 -2.64 0.00	31.43 -2.51 0.00	29.50 -2.40 0.00	31.10 -2.81 0.00	29.37 -2.72 0.00	33.10 -3.12 0.00	64.96 -5.86 0.00	74.29 -7.80 1.65	44.53 -3.84 0.00	33.69 -2.87 0.00	47.30 -3.68 0.00	41.56 -3.36 0.34	40.91 -3.59 0.00	47.88 -4.16 0.00	42.05 -4.17 4.74	55.22 -7.71 13.79	101.86 -13.36 19.53	70.19 -7.39 2.60	56.60 -5.58 0.00	72.39 -6.70 0.02	69.07 -6.53 1.70	56.52 -4.76 0.00	49.81 -2.58 0.00	50.79 -1.31 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	38.14 2.09 0.00	35.79 1.86 0.00	33.57 1.67 0.00	35.64 1.73 0.00	33.80 1.70 0.00	38.17 1.96 0.00	74.85 4.03 0.00	88.51 4.76 0.00	50.89 2.52 0.00	39.52 2.10 -0.85	54.10 3.12 0.00	48.19 2.93 0.00	47.40 2.90 0.00	55.46 3.42 0.00	54.31 3.36 0.00	81.49 4.77 0.00	143.13 8.38 0.00	85.08 4.90 0.00	65.59 3.41 0.00	83.35 4.25 0.00	81.38 4.08 0.00	64.59 3.32 0.00	55.20 2.81 0.00	54.63 2.53 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	38.88 2.85 0.00	36.53 2.59 0.00	34.25 2.36 0.00	36.38 2.48 0.00	34.53 2.43 0.00	39.05 2.84 0.00	76.50 5.68 0.00	90.55 6.80 0.00	52.01 3.64 0.00	40.34 2.92 -0.85	55.27 4.29 0.00	49.14 3.89 0.00	48.36 3.87 0.00	56.53 4.49 0.00	55.37 4.41 0.00	83.10 6.37 0.00	146.10 11.34 0.00	86.88 6.70 0.00	67.03 4.85 0.00	85.11 6.00 0.00	83.05 5.74 0.00	65.92 4.65 0.00	56.30 3.92 0.00	55.75 3.65 0.00
PATROON___115KV_TB1 80586	36.98 0.95 0.00	34.84 0.91 0.00	32.73 0.84 0.00	34.79 0.88 0.00	32.90 0.80 0.00	37.01 0.79 0.00	71.86 1.04 0.00	85.05 1.30 0.00	49.31 0.95 0.00	37.40 0.83 0.00	51.81 0.83 0.00	46.11 0.85 0.00	45.42 0.93 0.00	52.94 0.90 0.00	51.85 0.90 0.00	78.44 1.72 0.00	137.50 2.75 0.00	81.55 1.38 0.00	63.37 1.19 0.00	80.42 1.32 0.00	78.70 1.40 0.00	62.31 1.04 0.00	53.16 0.77 0.00	52.73 0.63 0.00
PATTRSNVILLE___SOLAR 323815	37.01 0.97 0.00	34.81 0.88 0.00	32.72 0.83 0.00	34.82 0.92 0.00	32.98 0.88 0.00	37.28 1.07 0.00	73.11 2.29 0.00	86.45 2.70 0.00	49.83 1.46 0.00	37.50 0.94 0.00	52.17 1.19 0.00	46.26 1.01 0.00	45.59 1.10 0.00	53.29 1.26 0.00	52.14 1.19 0.00	78.94 2.22 0.00	139.19 4.43 0.00	82.82 2.64 0.00	64.26 2.08 0.00	81.74 2.63 0.00	79.84 2.53 0.00	63.21 1.93 0.00	53.92 1.54 0.00	53.48 1.38 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	34.40 -1.64 0.00	32.32 -1.61 0.00	30.35 -1.55 0.00	32.02 -1.89 0.00	30.35 -1.75 0.00	34.35 -1.87 0.00	67.28 -3.54 0.00	76.60 -5.14 2.01	45.96 -2.42 0.00	34.70 -1.86 0.00	48.66 -2.32 0.00	42.68 -2.15 0.43	42.20 -2.29 0.00	49.45 -2.59 0.00	42.47 -2.59 5.88	55.24 -4.68 16.80	102.84 -8.47 23.45	72.46 -4.53 3.18	58.74 -3.43 0.00	75.32 -3.76 0.02	71.45 -3.77 2.08	58.63 -2.64 0.00	51.21 -1.17 0.00	52.09 -0.01 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	38.25 2.21 0.00	35.89 1.96 0.00	33.72 1.83 0.00	35.83 1.92 0.00	33.94 1.84 0.00	38.38 2.16 0.00	75.29 4.47 0.00	89.00 5.26 0.00	51.15 2.78 0.00	38.75 2.19 0.00	54.29 3.31 0.00	48.26 3.01 0.00	47.48 2.99 0.00	55.53 3.49 0.00	54.45 3.50 0.00	81.98 5.25 0.00	144.00 9.25 0.00	85.73 5.56 0.00	66.20 4.02 0.00	84.13 5.03 0.00	82.10 4.79 0.00	65.04 3.77 0.00	55.51 3.13 0.00	54.94 2.84 0.00
PEEKSKILL___ 23653	37.92 1.88 0.00	35.60 1.67 0.00	33.45 1.55 0.00	35.53 1.62 0.00	33.65 1.55 0.00	38.03 1.81 0.00	74.57 3.75 0.00	88.07 4.32 0.00	50.58 2.21 0.00	38.35 1.79 0.00	53.73 2.75 0.00	47.80 2.54 0.00	47.06 2.56 0.00	55.06 3.03 0.00	53.96 3.01 0.00	81.12 4.40 0.00	142.37 7.62 0.00	84.69 4.51 0.00	65.36 3.18 0.00	83.07 3.97 0.00	81.11 3.81 0.00	64.31 3.04 0.00	54.96 2.58 0.00	54.43 2.33 0.00
PGE MADISON___WINDPWR 24146	36.90 0.86 0.00	34.78 0.85 0.00	32.56 0.67 0.00	34.78 0.88 0.00	33.03 0.93 0.00	37.50 1.29 0.00	74.69 3.87 0.00	90.81 5.10 -1.97	51.22 2.85 0.00	38.29 1.73 0.00	53.04 2.06 0.00	47.38 1.59 -0.53	46.28 1.78 0.00	54.01 1.98 0.00	61.19 2.18 -8.07	99.08 3.70 -18.66	167.01 7.43 -24.82	88.65 4.85 -3.62	65.89 3.71 0.00	84.00 4.87 -0.03	83.82 4.16 -2.36	64.26 2.99 0.00	54.73 2.34 0.00	54.65 2.55 0.00

PIERCEFIELD___HYD 23852	35.90 -0.14 0.00	33.81 -0.12 0.00	31.78 -0.12 0.00	33.79 -0.11 0.00	32.03 -0.07 0.00	36.16 -0.05 0.00	70.84 0.02 0.00	84.07 0.32 0.00	48.57 0.20 0.00	36.63 0.07 0.00	51.08 0.10 0.00	45.32 0.07 0.00	44.41 -0.08 0.00	52.06 0.03 0.00	50.73 -0.22 0.00	75.65 -1.07 0.00	133.00 -1.76 0.00	79.25 -0.93 0.00	61.36 -0.82 0.00	78.46 -0.64 0.00	76.75 -0.55 0.00	61.38 0.11 0.00	52.60 0.22 0.00	52.42 0.32 0.00
PINELAWN_CC_1 323563	38.37 2.33 0.00	36.16 2.23 0.00	33.85 1.95 0.00	35.96 2.05 0.00	34.01 1.91 0.00	38.40 2.16 -0.02	76.66 4.28 -1.55	90.77 5.03 -2.00	51.55 2.42 -0.75	38.73 2.06 -0.11	55.01 4.03 0.00	48.96 3.71 0.00	47.79 3.29 0.00	56.59 3.98 -0.58	55.59 4.08 -0.56	83.57 5.39 -1.46	147.14 10.15 -2.23	87.99 6.17 -1.64	67.74 4.55 -1.01	86.98 5.82 -2.05	84.42 5.81 -1.30	66.46 4.36 -0.83	56.61 3.73 -0.49	55.57 3.46 -0.01
PJM_GEN_HTTP_PROXY 323702	38.16 2.12 0.00	35.77 1.84 0.00	33.61 1.71 0.00	35.68 1.78 0.00	33.81 1.71 0.00	38.22 2.00 0.00	75.00 4.18 0.00	88.62 4.87 0.00	50.84 2.47 0.00	38.58 2.05 0.04	54.14 3.16 0.00	48.16 2.91 0.00	47.40 2.91 0.00	55.45 3.42 0.00	54.34 3.39 0.00	81.62 4.90 0.00	143.34 8.58 0.00	85.24 5.06 0.00	65.67 3.49 0.00	83.45 4.35 0.00	81.55 4.14 -0.11	64.56 3.28 0.00	55.18 2.80 0.00	54.68 2.58 0.00
PJM_GEN_KEystone 24065	36.01 -0.03 0.00	33.81 -0.12 0.00	31.75 -0.14 0.00	33.64 -0.27 0.00	31.93 -0.16 0.00	36.14 -0.08 0.00	70.65 -0.17 0.00	81.67 -1.03 1.04	47.79 -0.58 0.00	36.29 -0.34 -0.06	50.77 -0.21 0.00	44.78 -0.20 0.27	44.32 -0.17 0.00	51.86 -0.17 0.00	47.32 -0.28 3.35	66.83 -0.82 9.07	120.22 -1.93 12.61	77.57 -0.88 1.73	61.39 -0.79 0.00	78.35 -0.74 0.01	75.44 -0.84 1.02	60.91 -0.36 0.00	52.51 0.12 0.00	52.53 0.43 0.00
PJM_GEN_NEPTUNE_PROXY 323594	38.01 1.97 0.00	35.82 1.89 0.01	33.53 1.64 0.00	35.63 1.72 0.00	33.70 1.61 0.00	38.03 1.81 0.00	74.37 3.55 0.00	87.88 4.13 0.00	50.30 1.93 0.00	38.27 1.71 0.00	54.40 3.42 0.00	47.45 3.28 1.08	45.13 2.96 2.32	54.98 3.55 0.60	53.92 3.60 0.63	81.25 4.54 0.01	143.12 8.37 0.00	85.23 5.06 0.00	65.81 3.63 0.00	82.98 4.64 0.77	73.92 4.75 8.13	60.74 3.57 4.11	54.89 3.09 0.58	54.83 2.89 0.17
PJM_GEN_VFT_PROXY 323633	38.06 2.02 0.00	35.70 1.76 0.00	33.53 1.63 0.00	35.59 1.69 0.00	33.73 1.63 0.00	38.14 1.92 0.00	74.79 3.96 0.00	88.34 4.59 0.00	50.72 2.35 0.00	39.44 2.01 -0.87	54.03 3.05 0.00	48.08 2.82 0.00	47.32 2.83 0.00	55.35 3.32 0.00	54.23 3.28 0.00	81.43 4.70 0.00	142.91 8.15 0.00	84.97 4.80 0.00	65.46 3.28 0.00	83.20 4.10 0.00	81.32 3.90 -0.11	64.41 3.13 0.00	55.06 2.67 0.00	54.54 2.44 0.00
PLATSBURG_115KV_PMLD1 355749	35.39 -0.65 0.00	33.31 -0.62 0.00	31.32 -0.58 0.00	33.32 -0.59 0.00	31.56 -0.54 0.00	35.59 -0.63 0.00	69.97 -0.85 0.00	82.95 -0.79 0.00	47.78 -0.59 0.00	36.00 -0.57 0.00	50.13 -0.85 0.00	44.57 -0.68 0.00	43.72 -0.77 0.00	51.23 -0.80 0.00	49.95 -1.00 0.00	74.96 -1.76 0.00	132.37 -2.39 0.00	79.01 -1.17 0.00	61.31 -0.86 0.00	78.28 -0.82 0.00	76.34 -0.96 0.00	60.56 -0.71 0.00	51.77 -0.62 0.00	51.59 -0.51 0.00
PLEASANTVLY___LBMP 24000	37.68 1.64 0.00	35.38 1.45 0.00	33.24 1.35 0.00	35.33 1.42 0.00	33.44 1.34 0.00	37.78 1.57 0.00	73.99 3.17 0.00	87.41 3.67 0.00	50.27 1.90 0.00	38.12 1.56 0.00	53.37 2.39 0.00	47.46 2.20 0.00	46.71 2.22 0.00	54.65 2.61 0.00	53.55 2.60 0.00	80.56 3.84 0.00	141.31 6.55 0.00	84.02 3.85 0.00	64.91 2.73 0.00	82.50 3.39 0.00	80.60 3.30 0.00	63.90 2.63 0.00	54.61 2.22 0.00	54.08 1.98 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	38.00 1.96 0.00	35.68 1.75 0.00	33.51 1.62 0.00	35.60 1.69 0.00	33.71 1.61 0.00	38.11 1.89 0.00	74.66 3.84 0.00	88.28 4.53 0.00	50.71 2.34 0.00	38.46 1.90 0.00	53.91 2.93 0.00	48.01 2.76 0.00	47.20 2.70 0.00	55.19 3.16 0.00	54.09 3.14 0.00	81.33 4.60 0.00	142.74 7.99 0.00	84.90 4.73 0.00	65.54 3.36 0.00	83.28 4.18 0.00	81.34 4.03 0.00	64.48 3.21 0.00	55.09 2.71 0.00	54.56 2.46 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	38.00 1.96 0.00	35.68 1.75 0.00	33.51 1.62 0.00	35.60 1.69 0.00	33.71 1.61 0.00	38.11 1.89 0.00	74.66 3.84 0.00	88.28 4.53 0.00	50.71 2.34 0.00	38.46 1.90 0.00	53.91 2.93 0.00	48.01 2.76 0.00	47.20 2.70 0.00	55.19 3.16 0.00	54.09 3.14 0.00	81.33 4.60 0.00	142.74 7.99 0.00	84.90 4.73 0.00	65.54 3.36 0.00	83.28 4.18 0.00	81.34 4.03 0.00	64.48 3.21 0.00	55.09 2.71 0.00	54.56 2.46 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	38.05 2.00 0.00	35.71 1.78 0.00	33.54 1.65 0.00	35.66 1.76 0.00	33.76 1.66 0.00	38.17 1.96 0.00	74.83 4.01 0.00	88.33 4.59 0.00	50.80 2.43 0.00	38.48 1.92 0.00	53.85 2.87 0.00	47.85 2.59 0.00	47.12 2.62 0.00	55.11 3.08 0.00	54.05 3.10 0.00	81.48 4.76 0.00	143.09 8.33 0.00	85.15 4.97 0.00	65.81 3.63 0.00	83.64 4.54 0.00	81.66 4.36 0.00	64.71 3.44 0.00	55.23 2.84 0.00	54.66 2.56 0.00
POLETTI____ 23519	37.81 1.77 0.00	35.64 1.71 0.00	33.44 1.54 0.00	35.46 1.56 0.00	33.69 1.59 0.00	38.05 1.83 0.00	74.54 3.72 0.00	88.10 4.35 0.00	50.40 2.03 0.00	39.20 1.78 -0.85	53.84 2.86 0.00	47.87 2.61 0.00	47.01 2.51 0.00	55.01 2.98 0.00	53.86 2.90 0.00	80.78 4.06 0.00	141.83 7.08 0.00	84.33 4.15 0.00	64.99 2.82 0.00	82.59 3.48 0.00	80.67 3.37 0.00	64.01 2.74 0.00	54.71 2.32 0.00	54.13 2.02 0.00
POMONA___ESR 323819	37.98 1.94 0.00	35.67 1.73 0.00	33.50 1.61 0.00	35.58 1.67 0.00	33.70 1.60 0.00	38.09 1.88 0.00	74.72 3.90 0.00	88.24 4.50 0.00	50.64 2.27 0.00	38.35 1.79 0.00	53.72 2.73 0.00	47.80 2.55 0.00	47.12 2.62 0.00	55.16 3.13 0.00	54.06 3.11 0.00	81.25 4.53 0.00	142.53 7.78 0.00	84.79 4.61 0.00	65.43 3.25 0.00	83.19 4.08 0.00	81.24 3.94 0.00	64.43 3.16 0.00	55.05 2.67 0.00	54.52 2.42 0.00
PORT_JEFF_3 23555	38.38 2.35 0.00	36.21 2.28 0.01	33.89 2.00 0.00	36.01 2.10 0.00	34.07 1.97 0.00	38.47 2.12 -0.14	83.59 3.80 -8.96	99.55 4.26 -11.55	54.72 2.00 -4.35	39.07 1.88 -0.63	54.99 4.01 0.00	48.24 3.66 0.68	46.21 3.18 1.46	58.98 3.99 -2.96	57.82 4.02 -2.85	89.89 4.72 -8.44	156.86 9.23 -12.88	95.33 5.68 -9.47	72.18 4.18 -5.83	95.79 5.32 -11.37	84.90 5.27 -2.32	67.46 4.00 -2.19	58.51 3.63 -2.49	55.42 3.36 0.04
PORT_JEFF_4 23616	38.38 2.35 0.00	36.21 2.28 0.01	33.89 2.00 0.00	36.01 2.10 0.00	34.07 1.97 0.00	38.47 2.12 -0.14	83.59 3.80 -8.96	99.55 4.26 -11.55	54.72 2.00 -4.35	39.07 1.88 -0.63	54.99 4.01 0.00	48.24 3.66 0.68	46.21 3.18 1.46	58.98 3.99 -2.96	57.82 4.02 -2.85	89.89 4.72 -8.44	156.86 9.23 -12.88	95.33 5.68 -9.47	72.18 4.18 -5.83	95.79 5.32 -11.37	84.90 5.27 -2.32	67.46 4.00 -2.19	58.51 3.63 -2.49	55.42 3.36 0.04

PORT_JEFF_IC 23713	38.43 2.39 0.00	36.26 2.33 0.01	33.93 2.03 0.00	36.06 2.15 0.00	34.11 2.01 0.00	38.50 2.17 -0.11	82.19 4.00 -7.36	97.74 4.50 -9.49	54.06 2.12 -3.57	39.03 1.95 -0.52	55.10 4.12 0.00	48.31 3.70 0.64	46.34 3.23 1.38	58.48 4.07 -2.38	57.35 4.11 -2.30	88.45 4.80 -6.94	155.07 9.73 -10.58	93.93 5.97 -7.78	71.38 4.41 -4.79	93.97 5.59 -9.28	84.16 5.60 -1.26	66.95 4.21 -1.47	58.18 3.79 -2.00	55.54 3.49 0.05
PPL PILGRIM_ST_GT1 24216	38.55 2.51 0.00	36.33 2.40 0.00	34.01 2.11 0.00	36.14 2.23 0.00	34.18 2.08 0.00	38.67 2.34 -0.12	83.44 4.78 -7.84	99.42 5.58 -10.10	54.91 2.73 -3.80	39.38 2.27 -0.55	55.39 4.41 0.00	48.70 3.92 0.47	46.88 3.39 1.01	59.07 4.38 -2.66	58.05 4.53 -2.57	90.04 5.94 -7.38	157.16 11.15 -11.26	94.82 6.36 -8.28	72.14 4.87 -5.10	95.58 6.44 -10.03	86.77 6.46 -3.01	68.48 4.80 -2.40	58.78 4.15 -2.25	55.84 3.76 0.02
PPL PILGRIM_ST_GT2 24217	38.55 2.51 0.00	36.33 2.40 0.00	34.01 2.11 0.00	36.14 2.23 0.00	34.18 2.08 0.00	38.67 2.34 -0.12	83.44 4.78 -7.84	99.42 5.58 -10.10	54.91 2.73 -3.80	39.38 2.27 -0.55	55.39 4.41 0.00	48.70 3.92 0.47	46.88 3.39 1.01	59.07 4.38 -2.66	58.05 4.53 -2.57	90.04 5.94 -7.38	157.16 11.15 -11.26	94.82 6.36 -8.28	72.14 4.87 -5.10	95.58 6.44 -10.03	86.77 6.46 -3.01	68.48 4.80 -2.40	58.78 4.15 -2.25	55.84 3.76 0.02
PPL_SHRM_GT3 24213	38.77 2.73 0.00	36.59 2.66 0.01	34.24 2.35 0.00	36.39 2.48 0.00	34.45 2.35 0.00	38.93 2.59 -0.13	84.20 4.85 -8.53	100.28 5.54 -10.99	55.12 2.61 -4.14	39.45 2.30 -0.60	55.49 4.51 0.00	48.58 3.99 0.66	46.50 3.43 1.42	59.29 4.46 -2.81	58.24 4.58 -2.71	90.62 5.87 -8.03	158.57 11.57 -12.25	96.36 7.17 -9.01	73.08 5.35 -5.55	96.66 6.75 -10.80	86.02 6.62 -2.10	68.25 4.95 -2.03	59.10 4.35 -2.36	56.06 4.00 0.04
PPL_SHRM_GT4 24214	38.77 2.73 0.00	36.59 2.66 0.01	34.24 2.35 0.00	36.39 2.48 0.00	34.45 2.35 0.00	38.93 2.59 -0.13	84.20 4.85 -8.53	100.28 5.54 -10.99	55.12 2.61 -4.14	39.45 2.30 -0.60	55.49 4.51 0.00	48.58 3.99 0.66	46.50 3.43 1.42	59.29 4.46 -2.81	58.24 4.58 -2.71	90.62 5.87 -8.03	158.57 11.57 -12.25	96.36 7.17 -9.01	73.08 5.35 -5.55	96.66 6.75 -10.80	86.02 6.62 -2.10	68.25 4.95 -2.03	59.10 4.35 -2.36	56.06 4.00 0.04
PROJECT___ORANGE 1 24174	35.65 -0.39 0.00	33.59 -0.34 0.00	31.58 -0.32 0.00	33.53 -0.38 0.00	31.78 -0.32 0.00	35.87 -0.35 0.00	70.21 -0.61 0.00	82.98 -0.76 0.00	48.04 -0.33 0.00	36.31 -0.25 0.00	50.67 -0.31 0.00	44.92 -0.33 0.00	44.16 -0.33 0.00	51.67 -0.36 0.00	50.62 -0.33 0.00	76.16 -0.56 0.00	133.80 -0.96 0.00	79.65 -0.52 0.00	61.74 -0.44 0.00	78.47 -0.64 0.00	76.61 -0.69 0.00	60.67 -0.61 0.00	51.93 -0.46 0.00	51.66 -0.44 0.00
PROJECT___ORANGE 2 24166	35.65 -0.39 0.00	33.59 -0.34 0.00	31.58 -0.32 0.00	33.53 -0.38 0.00	31.78 -0.32 0.00	35.87 -0.35 0.00	70.21 -0.61 0.00	82.98 -0.76 0.00	48.04 -0.33 0.00	36.31 -0.25 0.00	50.67 -0.31 0.00	44.92 -0.33 0.00	44.16 -0.33 0.00	51.67 -0.36 0.00	50.62 -0.33 0.00	76.16 -0.56 0.00	133.80 -0.96 0.00	79.65 -0.52 0.00	61.74 -0.44 0.00	78.47 -0.64 0.00	76.61 -0.69 0.00	60.67 -0.61 0.00	51.93 -0.46 0.00	51.66 -0.44 0.00
PUCKETT___SOLAR 323809	36.18 0.14 0.00	34.05 0.11 0.00	31.96 0.07 0.00	34.00 0.09 0.00	32.26 0.16 0.00	36.52 0.30 0.00	72.04 1.22 0.00	85.38 1.64 0.00	49.30 0.93 0.00	36.94 0.38 0.00	51.48 0.50 0.00	45.65 0.40 0.00	44.98 0.49 0.00	52.67 0.64 0.00	51.69 0.74 0.00	77.97 1.23 -0.02	137.12 2.36 0.00	81.77 1.60 0.00	63.38 1.21 0.00	80.64 1.54 0.00	78.59 1.29 0.00	62.21 0.94 0.00	53.22 0.83 0.00	53.02 0.92 0.00
PYRITES___HYD 24023	36.53 0.49 0.00	34.42 0.49 0.00	32.35 0.46 0.00	34.39 0.48 0.00	32.61 0.51 0.00	36.85 0.64 0.00	72.39 1.58 0.00	85.98 2.24 0.00	49.56 1.19 0.00	37.37 0.81 0.00	52.08 1.10 0.00	46.09 0.84 0.00	45.13 0.63 0.00	52.97 0.94 0.00	51.64 0.69 0.00	77.09 0.37 0.00	135.62 0.86 0.00	80.99 0.81 0.00	62.73 0.56 0.00	80.18 1.08 0.00	78.36 1.06 0.00	62.51 1.24 0.00	53.55 1.16 0.00	53.34 1.24 0.00
QUAKERRD_115KV_BK1 80622	34.39 -1.65 0.00	32.40 -1.54 0.00	30.43 -1.47 0.00	32.22 -1.69 0.00	30.52 -1.58 0.00	34.49 -1.73 0.00	67.71 -3.11 0.00	79.15 -3.95 0.64	46.40 -1.98 0.00	35.06 -1.50 0.00	49.05 -1.93 0.00	43.37 -1.76 0.12	42.63 -1.86 0.00	49.89 -2.14 0.00	47.09 -2.14 1.72	68.12 -3.64 4.96	121.86 -6.36 6.54	75.83 -3.38 0.96	59.57 -2.60 0.00	75.87 -3.23 0.01	73.41 -3.27 0.63	58.72 -2.56 0.00	50.70 -1.69 0.00	50.88 -1.22 0.00
QUENSBRY_115KV_TB8 356137	38.69 2.65 0.00	36.38 2.45 0.00	34.18 2.28 0.00	36.37 2.46 0.00	34.49 2.39 0.00	39.22 3.00 0.00	76.52 5.69 0.00	90.25 6.50 0.00	52.21 3.84 0.00	39.42 2.86 0.00	54.65 3.66 0.00	48.33 3.08 0.00	47.74 3.25 0.00	55.61 3.58 0.00	54.75 3.80 0.00	83.39 6.67 0.00	145.89 11.14 0.00	86.65 6.47 0.00	67.56 5.38 0.00	85.85 6.75 0.00	83.73 6.42 0.00	66.22 4.94 0.00	56.46 4.07 0.00	55.81 3.72 0.00
RAMAPO___LBMP 323565	37.85 1.81 0.00	35.54 1.61 0.00	33.38 1.49 0.00	35.46 1.55 0.00	33.58 1.48 0.00	37.95 1.74 0.00	74.45 3.63 0.00	87.92 4.17 0.00	50.46 2.08 0.00	38.23 1.67 0.00	53.55 2.57 0.00	47.63 2.37 0.00	46.93 2.43 0.00	54.92 2.89 0.00	53.82 2.87 0.00	80.93 4.20 0.00	141.91 7.15 0.00	84.40 4.22 0.00	65.14 2.97 0.00	82.80 3.70 0.00	80.87 3.57 0.00	64.17 2.90 0.00	54.84 2.46 0.00	54.31 2.21 0.00
RANKINE____ 23646	34.18 -1.87 0.00	32.11 -1.82 0.00	30.15 -1.75 0.00	31.82 -2.09 0.00	30.12 -1.98 0.00	34.08 -2.13 0.00	66.85 -3.97 0.00	76.14 -5.64 1.96	45.67 -2.70 0.00	34.48 -2.08 0.00	48.32 -2.66 0.00	42.38 -2.48 0.40	41.85 -2.65 0.00	49.06 -2.97 0.00	42.29 -3.01 5.65	55.05 -5.31 16.36	102.42 -9.48 22.86	72.10 -4.99 3.10	58.40 -3.78 0.00	74.86 -4.22 0.02	71.07 -4.21 2.02	58.29 -2.98 0.00	51.01 -1.38 0.00	51.95 -0.15 0.00
RAVENSWOOD_GT2_1 24244	38.16 2.12 0.00	35.80 1.87 0.00	33.62 1.73 0.00	35.70 1.79 0.00	33.83 1.74 0.00	38.24 2.02 0.00	74.99 4.17 0.00	88.63 4.88 0.00	50.91 2.54 0.00	39.55 2.14 -0.85	54.23 3.25 0.00	48.26 3.00 0.00	47.49 2.99 0.00	55.54 3.51 0.00	54.42 3.48 0.00	81.73 5.00 0.00	143.41 8.65 0.00	85.29 5.11 0.00	65.75 3.57 0.00	83.54 4.43 0.00	81.53 4.23 0.00	64.66 3.39 0.00	55.27 2.89 0.00	54.74 2.64 0.00
RAVENSWOOD_GT2_2 24245	38.16 2.12 0.00	35.80 1.87 0.00	33.62 1.73 0.00	35.70 1.79 0.00	33.83 1.74 0.00	38.24 2.02 0.00	74.99 4.17 0.00	88.63 4.88 0.00	50.91 2.54 0.00	39.55 2.14 -0.85	54.23 3.25 0.00	48.26 3.00 0.00	47.49 2.99 0.00	55.54 3.51 0.00	54.42 3.48 0.00	81.73 5.00 0.00	143.41 8.65 0.00	85.29 5.11 0.00	65.75 3.57 0.00	83.54 4.43 0.00	81.53 4.23 0.00	64.66 3.39 0.00	55.27 2.89 0.00	54.74 2.64 0.00



RAVENSWOOD_GT2_3 24246	38.18 2.14 0.00	35.81 1.88 0.00	33.63 1.74 0.00	35.71 1.80 0.00	33.85 1.75 0.00	38.25 2.04 0.00	75.01 4.19 0.00	88.68 4.93 0.00	50.94 2.57 0.00	39.57 2.15 -0.85	54.25 3.27 0.00	48.28 3.03 0.00	47.51 3.01 0.00	55.57 3.54 0.00	54.46 3.51 0.00	81.75 5.03 0.00	143.50 8.74 0.00	85.33 5.16 0.00	65.77 3.59 0.00	83.58 4.48 0.00	81.58 4.28 0.00	64.69 3.42 0.00	55.30 2.91 0.00	54.76 2.66 0.00
RAVENSWOOD_GT2_4 24247	38.18 2.14 0.00	35.81 1.88 0.00	33.63 1.74 0.00	35.71 1.80 0.00	33.85 1.75 0.00	38.25 2.04 0.00	75.01 4.19 0.00	88.68 4.93 0.00	50.94 2.57 0.00	39.57 2.15 -0.85	54.25 3.27 0.00	48.28 3.03 0.00	47.51 3.01 0.00	55.57 3.54 0.00	54.46 3.51 0.00	81.75 5.03 0.00	143.50 8.74 0.00	85.33 5.16 0.00	65.77 3.59 0.00	83.58 4.48 0.00	81.58 4.28 0.00	64.69 3.42 0.00	55.30 2.91 0.00	54.76 2.66 0.00
RAVENSWOOD_GT3_1 24248	38.16 2.12 0.00	35.80 1.87 0.00	33.62 1.73 0.00	35.70 1.79 0.00	33.84 1.74 0.00	38.24 2.02 0.00	74.99 4.17 0.00	88.63 4.88 0.00	50.91 2.54 0.00	39.55 2.14 -0.85	54.23 3.25 0.00	48.26 3.00 0.00	47.49 2.99 0.00	55.54 3.51 0.00	54.42 3.48 0.00	81.73 5.00 0.00	143.41 8.66 0.00	85.29 5.11 0.00	65.75 3.58 0.00	83.54 4.43 0.00	81.53 4.23 0.00	64.66 3.39 0.00	55.27 2.89 0.00	54.74 2.64 0.00
RAVENSWOOD_GT3_2 24249	38.16 2.12 0.00	35.80 1.87 0.00	33.62 1.73 0.00	35.70 1.79 0.00	33.84 1.74 0.00	38.24 2.02 0.00	74.99 4.17 0.00	88.63 4.88 0.00	50.91 2.54 0.00	39.55 2.14 -0.85	54.23 3.25 0.00	48.26 3.00 0.00	47.49 2.99 0.00	55.54 3.51 0.00	54.42 3.48 0.00	81.73 5.00 0.00	143.41 8.66 0.00	85.29 5.11 0.00	65.75 3.58 0.00	83.54 4.43 0.00	81.53 4.23 0.00	64.66 3.39 0.00	55.27 2.89 0.00	54.74 2.64 0.00
RAVENSWOOD_GT3_3 24250	38.21 2.17 0.00	35.84 1.91 0.00	33.67 1.77 0.00	35.74 1.83 0.00	33.88 1.78 0.00	38.29 2.07 0.00	75.08 4.26 0.00	88.78 5.03 0.00	51.00 2.63 0.00	39.61 2.20 -0.85	54.32 3.33 0.00	48.35 3.09 0.00	47.56 3.07 0.00	55.63 3.60 0.00	54.52 3.57 0.00	81.85 5.13 0.00	143.66 8.91 0.00	85.44 5.27 0.00	65.85 3.67 0.00	83.68 4.58 0.00	81.67 4.37 0.00	64.75 3.48 0.00	55.36 2.97 0.00	54.82 2.72 0.00
RAVENSWOOD_GT3_4 24251	38.21 2.17 0.00	35.84 1.91 0.00	33.67 1.77 0.00	35.74 1.83 0.00	33.88 1.78 0.00	38.29 2.07 0.00	75.08 4.26 0.00	88.78 5.03 0.00	51.00 2.63 0.00	39.61 2.20 -0.85	54.32 3.33 0.00	48.35 3.09 0.00	47.56 3.07 0.00	55.63 3.60 0.00	54.52 3.57 0.00	81.85 5.13 0.00	143.66 8.91 0.00	85.44 5.27 0.00	65.85 3.67 0.00	83.68 4.58 0.00	81.67 4.37 0.00	64.75 3.48 0.00	55.36 2.97 0.00	54.82 2.72 0.00
RAVENSWOOD_GT_1 23729	38.16 2.12 0.00	35.82 1.89 0.00	33.64 1.74 0.00	35.70 1.79 0.00	33.86 1.76 0.00	38.25 2.03 0.00	74.90 4.08 0.00	88.54 4.79 0.00	50.95 2.58 0.00	39.62 2.20 -0.86	54.29 3.31 0.00	48.35 3.09 0.00	47.55 3.06 0.00	55.62 3.59 0.00	54.49 3.54 0.00	81.75 5.03 0.00	143.42 8.67 0.00	85.25 5.08 0.00	65.69 3.51 0.00	83.45 4.34 0.00	81.44 4.15 0.00	64.62 3.35 0.00	55.29 2.91 0.00	54.75 2.64 0.00
RAVENSWOOD_GT_10 24258	38.16 2.12 0.00	35.80 1.87 0.00	33.62 1.73 0.00	35.70 1.79 0.00	33.84 1.74 0.00	38.24 2.02 0.00	75.00 4.18 0.00	88.63 4.88 0.00	50.91 2.54 0.00	39.55 2.14 -0.85	54.23 3.25 0.00	48.26 3.00 0.00	47.49 2.99 0.00	55.54 3.51 0.00	54.42 3.48 0.00	81.73 5.01 0.00	143.46 8.70 0.00	85.30 5.13 0.00	65.75 3.58 0.00	83.54 4.44 0.00	81.54 4.24 0.00	64.66 3.39 0.00	55.27 2.89 0.00	54.74 2.64 0.00
RAVENSWOOD_GT_11 24259	38.16 2.12 0.00	35.80 1.87 0.00	33.62 1.73 0.00	35.70 1.79 0.00	33.84 1.74 0.00	38.24 2.02 0.00	75.00 4.18 0.00	88.63 4.88 0.00	50.91 2.54 0.00	39.55 2.14 -0.85	54.23 3.25 0.00	48.26 3.00 0.00	47.49 2.99 0.00	55.54 3.51 0.00	54.42 3.48 0.00	81.73 5.01 0.00	143.46 8.70 0.00	85.30 5.13 0.00	65.75 3.58 0.00	83.54 4.44 0.00	81.54 4.24 0.00	64.66 3.39 0.00	55.27 2.89 0.00	54.74 2.64 0.00
RAVENSWOOD_GT_4 24252	38.14 2.10 0.00	35.80 1.86 0.00	33.61 1.72 0.00	35.68 1.78 0.00	33.83 1.73 0.00	38.24 2.02 0.00	74.93 4.11 0.00	88.59 4.84 0.00	50.92 2.55 0.00	39.56 2.14 -0.85	54.22 3.24 0.00	48.27 3.01 0.00	47.49 2.99 0.00	55.55 3.51 0.00	54.42 3.47 0.00	81.70 4.98 0.00	143.39 8.64 0.00	85.26 5.09 0.00	65.71 3.53 0.00	83.50 4.39 0.00	81.49 4.19 0.00	64.63 3.36 0.00	55.25 2.87 0.00	54.71 2.61 0.00
RAVENSWOOD_GT_5 24254	38.14 2.10 0.00	35.80 1.86 0.00	33.61 1.72 0.00	35.68 1.78 0.00	33.83 1.73 0.00	38.24 2.02 0.00	74.93 4.11 0.00	88.59 4.84 0.00	50.92 2.55 0.00	39.56 2.14 -0.85	54.22 3.24 0.00	48.27 3.01 0.00	47.49 2.99 0.00	55.55 3.51 0.00	54.42 3.47 0.00	81.70 4.98 0.00	143.39 8.64 0.00	85.26 5.09 0.00	65.71 3.53 0.00	83.50 4.39 0.00	81.49 4.19 0.00	64.63 3.36 0.00	55.25 2.87 0.00	54.71 2.61 0.00
RAVENSWOOD_GT_6 24253	38.14 2.10 0.00	35.80 1.86 0.00	33.61 1.72 0.00	35.68 1.78 0.00	33.83 1.73 0.00	38.24 2.02 0.00	74.93 4.11 0.00	88.59 4.84 0.00	50.92 2.55 0.00	39.56 2.14 -0.85	54.22 3.24 0.00	48.27 3.01 0.00	47.49 2.99 0.00	55.55 3.51 0.00	54.42 3.47 0.00	81.70 4.98 0.00	143.39 8.64 0.00	85.26 5.09 0.00	65.71 3.53 0.00	83.50 4.39 0.00	81.49 4.19 0.00	64.63 3.36 0.00	55.25 2.87 0.00	54.71 2.61 0.00
RAVENSWOOD_GT_7 24255	38.14 2.10 0.00	35.80 1.86 0.00	33.61 1.72 0.00	35.68 1.78 0.00	33.83 1.73 0.00	38.24 2.02 0.00	74.93 4.11 0.00	88.59 4.84 0.00	50.92 2.55 0.00	39.56 2.14 -0.85	54.22 3.24 0.00	48.27 3.01 0.00	47.49 2.99 0.00	55.55 3.51 0.00	54.42 3.47 0.00	81.70 4.98 0.00	143.39 8.64 0.00	85.26 5.09 0.00	65.71 3.53 0.00	83.50 4.39 0.00	81.49 4.19 0.00	64.63 3.36 0.00	55.25 2.87 0.00	54.71 2.61 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	38.16 2.12 0.00	35.80 1.87 0.00	33.62 1.73 0.00	35.70 1.79 0.00	33.84 1.74 0.00	38.24 2.02 0.00	75.00 4.18 0.00	88.63 4.88 0.00	50.91 2.54 0.00	39.55 2.14 -0.85	54.23 3.25 0.00	48.26 3.00 0.00	47.49 2.99 0.00	55.54 3.51 0.00	54.42 3.48 0.00	81.73 5.01 0.00	143.46 8.70 0.00	85.30 5.13 0.00	65.75 3.58 0.00	83.54 4.44 0.00	81.54 4.24 0.00	64.66 3.39 0.00	55.27 2.89 0.00	54.74 2.64 0.00
RAVENSWOOD_GT_9 24257	38.16 2.12 0.00	35.80 1.87 0.00	33.62 1.73 0.00	35.70 1.79 0.00	33.84 1.74 0.00	38.24 2.02 0.00	75.00 4.18 0.00	88.63 4.88 0.00	50.91 2.54 0.00	39.55 2.14 -0.85	54.23 3.25 0.00	48.26 3.00 0.00	47.49 2.99 0.00	55.54 3.51 0.00	54.42 3.48 0.00	81.73 5.01 0.00	143.46 8.70 0.00	85.30 5.13 0.00	65.75 3.58 0.00	83.54 4.44 0.00	81.54 4.24 0.00	64.66 3.39 0.00	55.27 2.89 0.00	54.74 2.64 0.00

RAVENSWOOD___1 23533	38.14 2.10 0.00	35.80 1.87 0.00	33.63 1.74 0.00	35.68 1.77 0.00	33.85 1.75 0.00	38.24 2.02 0.00	74.88 4.06 0.00	88.54 4.79 0.00	50.93 2.56 0.00	39.60 2.18 -0.86	54.25 3.27 0.00	48.30 3.05 0.00	47.53 3.04 0.00	55.59 3.55 0.00	54.45 3.50 0.00	81.70 4.98 0.00	143.38 8.62 0.00	85.22 5.04 0.00	65.67 3.49 0.00	83.42 4.32 0.00	81.42 4.12 0.00	64.60 3.33 0.00	55.26 2.87 0.00	54.72 2.62 0.00
RAVENSWOOD___2 23534	38.13 2.08 0.00	35.78 1.85 0.00	33.60 1.70 0.00	35.66 1.75 0.00	33.82 1.72 0.00	38.22 2.00 0.00	74.86 4.04 0.00	88.49 4.74 0.00	50.91 2.54 0.00	39.58 2.16 -0.85	54.23 3.24 0.00	48.28 3.02 0.00	47.49 3.00 0.00	55.54 3.51 0.00	54.41 3.45 0.00	81.64 4.92 0.00	143.30 8.54 0.00	85.18 5.00 0.00	65.65 3.47 0.00	83.38 4.28 0.00	81.40 4.10 0.00	64.56 3.29 0.00	55.22 2.84 0.00	54.68 2.57 0.00
RAVENSWOOD___3 23535	38.16 2.12 0.00	35.80 1.87 0.00	33.62 1.73 0.00	35.70 1.79 0.00	33.84 1.74 0.00	38.24 2.03 0.00	75.00 4.18 0.00	88.63 4.88 0.00	50.91 2.55 0.00	39.56 2.14 -0.86	54.24 3.25 0.00	48.26 3.00 0.00	47.49 3.00 0.00	55.55 3.52 0.00	54.43 3.48 0.00	81.72 5.00 0.00	143.42 8.66 0.00	85.30 5.12 0.00	65.75 3.57 0.00	83.54 4.43 0.00	81.54 4.24 0.00	64.66 3.38 0.00	55.27 2.89 0.00	54.74 2.64 0.00
RAVENSWOOD___4 23820	38.13 2.08 0.00	35.78 1.85 0.00	33.60 1.70 0.00	35.66 1.75 0.00	33.82 1.72 0.00	38.22 2.00 0.00	74.86 4.04 0.00	88.49 4.74 0.00	50.91 2.54 0.00	39.58 2.16 -0.85	54.23 3.24 0.00	48.28 3.02 0.00	47.49 3.00 0.00	55.54 3.51 0.00	54.41 3.45 0.00	81.64 4.92 0.00	143.30 8.54 0.00	85.18 5.00 0.00	65.65 3.47 0.00	83.38 4.28 0.00	81.40 4.10 0.00	64.56 3.29 0.00	55.22 2.84 0.00	54.68 2.57 0.00
RCPL_TRUST___DRP 24196	38.20 2.16 0.00	35.81 1.87 0.00	33.63 1.74 0.00	35.71 1.80 0.00	33.84 1.74 0.00	38.25 2.03 0.00	75.07 4.25 0.00	88.71 4.97 0.00	50.90 2.53 0.00	38.64 2.12 0.04	54.21 3.23 0.00	48.24 2.98 0.00	47.48 2.99 0.00	55.53 3.50 0.00	54.42 3.47 0.00	81.73 5.01 0.00	143.54 8.79 0.00	85.36 5.19 0.00	65.75 3.57 0.00	83.55 4.45 0.00	81.53 4.23 0.00	64.63 3.36 0.00	55.26 2.87 0.00	54.74 2.64 0.00
RED___ROCHESTER 323720	35.30 -0.74 0.00	33.22 -0.71 0.00	31.19 -0.70 0.00	33.00 -0.91 0.00	31.26 -0.84 0.00	35.34 -0.87 0.00	69.53 -1.29 0.00	80.88 -1.91 0.97	47.67 -0.70 0.00	36.04 -0.52 0.00	50.44 -0.54 0.00	44.53 -0.53 0.20	43.81 -0.68 0.00	51.30 -0.73 0.00	47.38 -0.81 2.76	67.20 -1.75 7.77	121.52 -2.85 10.38	77.51 -1.15 1.51	61.29 -0.88 0.00	78.10 -0.99 0.01	75.17 -1.14 0.98	60.41 -0.86 0.00	52.27 -0.11 0.00	52.57 0.47 0.00
REGAN___SOLAR 323812	37.15 1.11 0.00	34.95 1.01 0.00	32.85 0.96 0.00	34.94 1.03 0.00	33.14 1.03 0.00	37.50 1.28 0.00	73.94 3.12 0.00	87.54 3.79 0.00	50.31 1.93 0.00	37.71 1.15 0.00	52.37 1.39 0.00	46.39 1.14 0.00	45.79 1.30 0.00	53.25 1.21 0.00	51.69 0.74 0.00	79.39 2.66 0.00	140.68 5.92 0.00	83.97 3.79 0.00	65.12 2.94 0.00	82.80 3.70 0.00	80.72 3.42 0.00	63.84 2.56 0.00	54.38 1.99 0.00	53.87 1.77 0.00
RENSSELAER___COGEN 23796	36.80 0.76 0.00	34.66 0.72 0.00	32.57 0.67 0.00	34.65 0.74 0.00	32.76 0.66 0.00	36.86 0.65 0.00	71.52 0.70 0.00	84.56 0.82 0.00	48.98 0.61 0.00	37.14 0.58 0.00	51.48 0.49 0.00	45.80 0.55 0.00	45.14 0.65 0.00	52.64 0.61 0.00	51.59 0.63 0.00	77.98 1.25 0.00	136.67 1.92 0.00	81.06 0.88 0.00	63.00 0.83 0.00	80.00 0.89 0.00	78.30 1.00 0.00	62.02 0.75 0.00	52.91 0.53 0.00	52.50 0.40 0.00
REPUBLIC_115KV_BARTNBRK 55605	40.31 4.27 0.00	37.99 4.06 0.00	35.70 3.81 0.00	37.92 4.01 0.00	36.06 3.96 0.00	41.41 5.20 0.00	80.39 9.56 0.00	94.55 10.81 0.00	54.51 6.14 0.00	41.21 4.65 0.00	56.89 5.91 0.00	50.39 5.14 0.00	49.78 5.29 0.00	57.69 5.65 0.00	57.25 6.31 0.00	88.66 11.94 0.00	154.14 19.38 0.00	91.60 11.43 0.00	72.09 9.91 0.00	91.25 12.14 0.00	88.26 10.96 0.00	69.92 8.65 0.00	59.33 6.95 0.00	58.46 6.36 0.00
REVERE_CPPR_DRP 24186	36.77 0.73 0.00	34.66 0.72 0.00	32.58 0.69 0.00	34.65 0.74 0.00	32.87 0.77 0.00	37.22 1.01 0.00	73.05 2.23 0.00	86.45 2.71 0.00	50.06 1.69 0.00	37.81 1.25 0.00	52.73 1.75 0.00	46.76 1.51 0.00	45.86 1.36 0.00	53.74 1.71 0.00	53.08 1.76 -0.37	79.42 2.70 0.00	140.05 5.30 0.00	83.65 3.47 0.00	64.68 2.50 0.00	82.15 3.05 0.00	79.98 2.68 0.00	63.33 2.06 0.00	54.00 1.62 0.00	53.54 1.44 0.00
REYNLDPA_13_KV_LD 356490	36.11 0.07 0.00	34.01 0.07 0.00	31.96 0.07 0.00	33.98 0.07 0.00	32.18 0.08 0.00	36.31 0.09 0.00	71.23 0.41 0.00	84.38 0.63 0.00	48.60 0.23 0.00	36.65 0.09 0.00	51.08 0.10 0.00	45.37 0.12 0.00	44.54 0.04 0.00	52.15 0.11 0.00	50.95 0.00 0.00	76.52 -0.20 0.00	134.56 -0.20 0.00	80.31 0.14 0.00	62.31 0.13 0.00	79.47 0.37 0.00	77.57 0.26 0.00	61.54 0.27 0.00	52.61 0.22 0.00	52.51 0.41 0.00
REYNOLDS_115KV_TB3 80639	37.03 0.99 0.00	34.86 0.92 0.00	32.76 0.87 0.00	34.86 0.94 0.00	32.97 0.87 0.00	37.13 0.91 0.00	72.06 1.24 0.00	85.16 1.41 0.00	49.35 0.98 0.00	37.37 0.81 0.00	51.86 0.88 0.00	46.09 0.84 0.00	45.46 0.97 0.00	53.00 0.97 0.00	51.94 0.99 0.00	78.58 1.86 0.00	137.61 2.85 0.00	81.56 1.38 0.00	63.43 1.25 0.00	80.60 1.49 0.00	78.91 1.61 0.00	62.52 1.25 0.00	53.36 0.98 0.00	52.93 0.83 0.00
RIVERBAY____ 323610	38.88 2.85 0.00	36.53 2.59 0.00	34.25 2.36 0.00	36.38 2.48 0.00	34.53 2.43 0.00	39.05 2.84 0.00	76.50 5.68 0.00	90.55 6.80 0.00	52.01 3.64 0.00	40.34 2.92 -0.85	55.27 4.29 0.00	49.14 3.89 0.00	48.36 3.87 0.00	56.53 4.49 0.00	55.37 4.41 0.00	83.10 6.37 0.00	146.10 11.34 0.00	86.88 6.70 0.00	67.03 4.85 0.00	85.11 6.00 0.00	83.05 5.74 0.00	65.92 4.65 0.00	56.30 3.92 0.00	55.75 3.65 0.00
RIVERSDE_115KV_TB3 55908	36.94 0.90 0.00	34.78 0.85 0.00	32.69 0.79 0.00	34.72 0.81 0.00	32.84 0.74 0.00	36.95 0.73 0.00	71.67 0.85 0.00	84.76 1.02 0.00	49.14 0.77 0.00	37.25 0.69 0.00	51.64 0.66 0.00	45.96 0.71 0.00	45.33 0.84 0.00	52.85 0.82 0.00	51.78 0.83 0.00	78.30 1.58 0.00	137.22 2.47 0.00	81.36 1.19 0.00	63.24 1.07 0.00	80.31 1.20 0.00	78.60 1.30 0.00	62.25 0.97 0.00	53.12 0.74 0.00	52.69 0.59 0.00
ROARING___BROOK_WT_PWR 323790	35.17 -0.87 0.00	33.19 -0.74 0.00	31.23 -0.67 0.00	33.27 -0.63 0.00	31.48 -0.62 0.00	35.42 -0.79 0.00	69.26 -1.56 0.00	81.78 -1.97 0.00	47.29 -1.08 0.00	35.73 -0.83 0.00	49.88 -1.10 0.00	44.31 -0.94 0.00	43.32 -1.17 0.00	50.81 -1.22 0.00	49.87 -1.08 0.00	75.08 -1.64 0.00	132.10 -2.65 0.00	79.16 -1.02 0.00	61.21 -0.97 0.00	78.11 -1.00 0.00	76.35 -0.95 0.00	60.37 -0.90 0.00	51.36 -1.02 0.00	51.32 -0.78 0.00

ROCHESRG_115KV_T4 355643	34.91 -1.13 0.00	32.86 -1.07 0.00	30.86 -1.03 0.00	32.65 -1.26 0.00	30.93 -1.18 0.00	34.94 -1.28 0.00	68.60 -2.22 0.00	79.80 -3.00 0.95	47.02 -1.35 0.00	35.54 -1.02 0.00	49.73 -1.25 0.00	43.89 -1.17 0.20	43.19 -1.31 0.00	50.55 -1.48 0.00	46.73 -1.51 2.71	66.25 -2.86 7.61	119.77 -4.88 10.10	76.30 -2.41 1.48	60.33 -1.84 0.00	76.92 -2.17 0.01	74.08 -2.25 0.96	59.57 -1.70 0.00	51.61 -0.77 0.00	51.95 -0.15 0.00
ROCHESTER_9_IC 23652	35.16 -0.88 0.00	33.09 -0.84 0.00	31.07 -0.82 0.00	32.88 -1.03 0.00	31.14 -0.96 0.00	35.20 -1.01 0.00	69.18 -1.64 0.00	80.49 -2.29 0.97	47.45 -0.92 0.00	35.86 -0.70 0.00	50.16 -0.82 0.00	44.29 -0.76 0.20	43.58 -0.92 0.00	51.02 -1.01 0.00	47.13 -1.05 2.77	66.78 -2.16 7.78	120.78 -3.58 10.40	77.04 -1.63 1.51	60.93 -1.25 0.00	77.64 -1.45 0.01	74.76 -1.56 0.99	60.10 -1.17 0.00	52.04 -0.34 0.00	52.36 0.25 0.00
ROCKVIEW_13_KV_LD 356306	38.18 2.14 0.00	35.82 1.89 0.00	33.65 1.75 0.00	35.74 1.83 0.00	33.85 1.75 0.00	38.27 2.06 0.00	75.01 4.19 0.00	88.69 4.94 0.00	50.91 2.54 0.00	38.64 2.08 0.00	54.19 3.21 0.00	48.20 2.94 0.00	47.45 2.95 0.00	55.49 3.46 0.00	54.37 3.41 0.00	81.72 5.00 0.00	143.49 8.74 0.00	85.36 5.18 0.00	65.87 3.70 0.00	83.72 4.62 0.00	81.72 4.42 0.00	64.79 3.52 0.00	55.35 2.96 0.00	54.79 2.69 0.00
ROME____115KV_TB2 80656	36.77 0.73 0.00	34.66 0.72 0.00	32.58 0.69 0.00	34.65 0.74 0.00	32.87 0.77 0.00	37.22 1.01 0.00	73.05 2.23 0.00	86.45 2.71 0.00	50.06 1.69 0.00	37.81 1.25 0.00	52.73 1.75 0.00	46.76 1.51 0.00	45.86 1.36 0.00	53.74 1.71 0.00	53.08 1.76 -0.37	79.42 2.70 0.00	140.05 5.30 0.00	83.65 3.47 0.00	64.68 2.50 0.00	82.15 3.05 0.00	79.98 2.68 0.00	63.33 2.06 0.00	54.00 1.62 0.00	53.54 1.44 0.00
ROSETON___1 23587	37.69 1.65 0.00	35.39 1.46 0.00	33.25 1.35 0.00	35.34 1.43 0.00	33.45 1.35 0.00	37.80 1.59 0.00	74.03 3.21 0.00	87.49 3.74 0.00	50.30 1.93 0.00	38.13 1.57 0.00	53.38 2.40 0.00	47.46 2.20 0.00	46.72 2.23 0.00	54.65 2.62 0.00	53.55 2.60 0.00	80.58 3.85 0.00	141.34 6.59 0.00	84.04 3.86 0.00	64.94 2.76 0.00	82.55 3.45 0.00	80.64 3.34 0.00	63.93 2.66 0.00	54.63 2.24 0.00	54.11 2.01 0.00
ROSETON___2 23588	37.69 1.65 0.00	35.39 1.46 0.00	33.25 1.35 0.00	35.34 1.43 0.00	33.45 1.35 0.00	37.80 1.59 0.00	74.03 3.21 0.00	87.49 3.74 0.00	50.30 1.93 0.00	38.13 1.57 0.00	53.38 2.40 0.00	47.46 2.20 0.00	46.72 2.23 0.00	54.65 2.62 0.00	53.55 2.60 0.00	80.58 3.85 0.00	141.34 6.59 0.00	84.04 3.86 0.00	64.94 2.76 0.00	82.55 3.45 0.00	80.64 3.34 0.00	63.93 2.66 0.00	54.63 2.24 0.00	54.11 2.01 0.00
ROTRRDAM_115KV_TB3 80664	37.15 1.12 0.00	34.95 1.02 0.00	32.85 0.96 0.00	34.96 1.05 0.00	33.09 0.99 0.00	37.38 1.17 0.00	73.03 2.21 0.00	86.31 2.56 0.00	49.89 1.52 0.00	37.69 1.13 0.00	52.50 1.51 0.00	46.54 1.28 0.00	45.85 1.35 0.00	53.55 1.51 0.00	52.48 1.53 0.00	79.26 2.54 0.00	139.17 4.42 0.00	82.65 2.48 0.00	64.17 1.99 0.00	81.62 2.51 0.00	79.80 2.50 0.00	63.22 1.94 0.00	53.98 1.59 0.00	53.53 1.43 0.00
RUSSELL___1 23602	35.31 -0.73 0.00	33.22 -0.71 0.00	31.19 -0.70 0.00	33.00 -0.91 0.00	31.26 -0.84 0.00	35.35 -0.86 0.00	69.53 -1.29 0.00	80.90 -1.88 0.97	47.68 -0.68 0.00	36.05 -0.51 0.00	50.45 -0.54 0.00	44.53 -0.52 0.20	43.81 -0.69 0.00	51.30 -0.73 0.00	47.41 -0.78 2.76	67.20 -1.75 7.77	121.52 -2.86 10.38	77.51 -1.16 1.51	61.30 -0.88 0.00	78.11 -0.98 0.01	75.18 -1.14 0.98	60.42 -0.86 0.00	52.28 -0.10 0.00	52.58 0.48 0.00
RUSSELL___2 23532	35.31 -0.73 0.00	33.22 -0.71 0.00	31.19 -0.70 0.00	33.00 -0.91 0.00	31.26 -0.84 0.00	35.35 -0.86 0.00	69.53 -1.29 0.00	80.90 -1.88 0.97	47.68 -0.68 0.00	36.05 -0.51 0.00	50.45 -0.54 0.00	44.53 -0.52 0.20	43.81 -0.69 0.00	51.30 -0.73 0.00	47.41 -0.78 2.76	67.20 -1.75 7.77	121.52 -2.86 10.38	77.51 -1.16 1.51	61.30 -0.88 0.00	78.11 -0.98 0.01	75.18 -1.14 0.98	60.42 -0.86 0.00	52.28 -0.10 0.00	52.58 0.48 0.00
RUSSELL___3 23549	35.31 -0.73 0.00	33.22 -0.71 0.00	31.19 -0.70 0.00	33.00 -0.91 0.00	31.26 -0.84 0.00	35.35 -0.86 0.00	69.53 -1.29 0.00	80.90 -1.88 0.97	47.68 -0.68 0.00	36.05 -0.51 0.00	50.45 -0.54 0.00	44.53 -0.52 0.20	43.81 -0.69 0.00	51.30 -0.73 0.00	47.41 -0.78 2.76	67.20 -1.75 7.77	121.52 -2.86 10.38	77.51 -1.16 1.51	61.30 -0.88 0.00	78.11 -0.98 0.01	75.18 -1.14 0.98	60.42 -0.86 0.00	52.28 -0.10 0.00	52.58 0.48 0.00
RUSSELL___4 23556	35.31 -0.73 0.00	33.22 -0.71 0.00	31.19 -0.70 0.00	33.00 -0.91 0.00	31.26 -0.84 0.00	35.35 -0.86 0.00	69.53 -1.29 0.00	80.90 -1.88 0.97	47.68 -0.68 0.00	36.05 -0.51 0.00	50.45 -0.54 0.00	44.53 -0.52 0.20	43.81 -0.69 0.00	51.30 -0.73 0.00	47.41 -0.78 2.76	67.20 -1.75 7.77	121.52 -2.86 10.38	77.51 -1.16 1.51	61.30 -0.88 0.00	78.11 -0.98 0.01	75.18 -1.14 0.98	60.42 -0.86 0.00	52.28 -0.10 0.00	52.58 0.48 0.00
RUSSELL___STATION 23914	35.31 -0.73 0.00	33.22 -0.71 0.00	31.19 -0.70 0.00	33.00 -0.91 0.00	31.26 -0.84 0.00	35.35 -0.86 0.00	69.53 -1.29 0.00	80.90 -1.88 0.97	47.68 -0.68 0.00	36.05 -0.51 0.00	50.45 -0.54 0.00	44.53 -0.52 0.20	43.81 -0.69 0.00	51.30 -0.73 0.00	47.41 -0.78 2.76	67.20 -1.75 7.77	121.52 -2.86 10.38	77.51 -1.16 1.51	61.30 -0.88 0.00	78.11 -0.98 0.01	75.18 -1.14 0.98	60.42 -0.86 0.00	52.28 -0.10 0.00	52.58 0.48 0.00
S SALMON___HYD 24043	34.87 -1.17 0.00	32.86 -1.07 0.00	30.89 -1.00 0.00	32.83 -1.08 0.00	31.13 -0.98 0.00	35.14 -1.07 0.00	68.94 -1.88 0.00	81.58 -2.17 0.00	47.26 -1.11 0.00	35.69 -0.87 0.00	49.78 -1.20 0.00	44.13 -1.13 0.00	43.28 -1.22 0.00	50.78 -1.25 0.00	49.83 -1.12 0.00	75.01 -1.71 0.00	132.60 -2.16 0.00	79.26 -0.92 0.00	61.13 -1.05 0.00	77.53 -1.58 0.00	75.53 -1.77 0.00	59.89 -1.38 0.00	51.09 -1.29 0.00	50.75 -1.35 0.00
S.PERRY__115KV_TB1 80734	35.44 -0.60 0.00	33.32 -0.62 0.00	31.24 -0.65 0.00	33.01 -0.90 0.00	31.36 -0.74 0.00	35.63 -0.58 0.00	70.28 -0.54 0.00	79.69 -1.33 2.73	47.98 -0.39 0.00	35.70 -0.86 0.00	49.51 -1.47 0.00	42.80 -1.71 0.75	42.85 -1.65 0.00	50.65 -1.38 0.00	40.66 -1.53 8.77	50.51 -2.67 23.54	98.92 -3.55 32.29	74.03 -1.56 4.59	59.81 -2.37 0.00	76.12 -2.95 0.03	71.05 -3.25 3.00	58.83 -2.45 0.00	52.06 -0.33 0.00	53.28 1.18 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.00 -2.05 0.00	31.96 -1.98 0.00	30.01 -1.89 0.00	31.66 -2.25 0.00	29.94 -2.16 0.00	33.81 -2.40 0.00	66.33 -4.49 0.00	75.83 -6.17 1.75	45.40 -2.97 0.00	34.31 -2.25 0.00	48.12 -2.86 0.00	42.26 -2.64 0.36	41.64 -2.85 0.00	48.75 -3.28 0.00	42.60 -3.30 5.06	56.20 -5.88 14.64	103.69 -10.40 20.68	71.88 -5.53 2.76	58.02 -4.16 0.00	74.31 -4.77 0.02	70.81 -4.69 1.80	57.89 -3.39 0.00	50.70 -1.69 0.00	51.64 -0.47 0.00

SAWYER___23_KV_LOAD 55526	34.00 -2.05 0.00	31.96 -1.98 0.00	30.01 -1.89 0.00	31.66 -2.25 0.00	29.94 -2.16 0.00	33.81 -2.40 0.00	66.33 -4.49 0.00	75.83 -6.17 1.75	45.40 -2.97 0.00	34.31 -2.25 0.00	48.12 -2.86 0.00	42.26 -2.64 0.36	41.64 -2.85 0.00	48.75 -3.28 0.00	42.60 -3.30 5.06	56.20 -5.88 14.64	103.69 -10.40 20.68	71.88 -5.53 2.76	58.02 -4.16 0.00	74.31 -4.77 0.02	70.81 -4.69 1.80	57.89 -3.39 0.00	50.70 -1.69 0.00	51.64 -0.47 0.00
SELKIRK___I 23801	37.02 0.98 0.00	34.86 0.92 0.00	32.76 0.87 0.00	34.86 0.94 0.00	32.97 0.87 0.00	37.15 0.93 0.00	72.25 1.43 0.00	85.34 1.59 0.00	49.36 1.00 0.00	37.39 0.83 0.00	51.81 0.83 0.00	46.01 0.75 0.00	45.34 0.84 0.00	52.93 0.89 0.00	51.84 0.89 0.00	78.43 1.71 0.00	137.80 3.04 0.00	81.74 1.57 0.00	63.52 1.34 0.00	80.70 1.60 0.00	78.99 1.68 0.00	62.58 1.31 0.00	53.42 1.04 0.00	53.01 0.91 0.00
SELKIRK___II 23799	36.86 0.82 0.00	34.71 0.77 0.00	32.61 0.72 0.00	34.69 0.78 0.00	32.81 0.71 0.00	36.97 0.76 0.00	71.90 1.08 0.00	85.00 1.25 0.00	49.22 0.85 0.00	37.29 0.73 0.00	51.79 0.80 0.00	46.04 0.78 0.00	45.33 0.84 0.00	52.92 0.88 0.00	51.85 0.90 0.00	78.33 1.61 0.00	137.39 2.63 0.00	81.52 1.35 0.00	63.30 1.12 0.00	80.42 1.32 0.00	78.72 1.41 0.00	62.38 1.10 0.00	53.23 0.84 0.00	52.82 0.72 0.00
SENECA OSWGO___HYD 24041	35.15 -0.89 0.00	33.13 -0.80 0.00	31.15 -0.75 0.00	33.08 -0.83 0.00	31.34 -0.76 0.00	35.35 -0.87 0.00	69.16 -1.66 0.00	81.77 -1.98 0.00	47.35 -1.03 0.00	35.78 -0.79 0.00	49.88 -1.10 0.00	44.21 -1.04 0.00	43.45 -1.04 0.00	50.86 -1.17 0.00	49.81 -1.14 0.00	74.95 -1.77 0.00	131.77 -2.99 0.00	78.47 -1.71 0.00	60.84 -1.34 0.00	77.25 -1.86 0.00	75.47 -1.83 0.00	59.78 -1.49 0.00	51.13 -1.25 0.00	50.86 -1.24 0.00
SENECA___115KV_TB3 355854	34.23 -1.81 0.00	32.16 -1.77 0.00	30.20 -1.70 0.00	31.87 -2.04 0.00	30.18 -1.92 0.00	34.14 -2.08 0.00	66.97 -3.85 0.00	76.28 -5.50 1.96	45.74 -2.63 0.00	34.55 -2.01 0.00	48.42 -2.57 0.00	42.45 -2.41 0.40	41.94 -2.56 0.00	49.15 -2.88 0.00	42.34 -2.96 5.65	55.16 -5.20 16.36	102.68 -9.21 22.86	72.22 -4.86 3.10	58.50 -3.67 0.00	74.99 -4.10 0.02	71.18 -4.10 2.02	58.41 -2.86 0.00	51.09 -1.29 0.00	52.03 -0.07 0.00
SENECA___ENERGY 23797	35.62 -0.42 0.00	33.60 -0.33 0.00	31.56 -0.34 0.00	33.50 -0.41 0.00	31.76 -0.34 0.00	35.89 -0.32 0.00	70.28 -0.54 0.00	83.41 -0.60 -0.26	48.20 -0.17 0.00	36.40 -0.16 0.00	50.86 -0.13 0.00	45.13 -0.22 -0.10	44.26 -0.23 0.00	51.66 -0.37 0.00	52.01 -0.35 -1.41	79.16 -0.68 -3.11	137.58 -1.36 -4.19	80.19 -0.59 -0.60	61.82 -0.36 0.00	78.49 -0.62 0.00	76.95 -0.75 -0.39	60.64 -0.63 0.00	52.13 -0.26 0.00	52.06 -0.03 0.00
SHOEMAKER___GT 23640	37.65 1.61 0.00	35.36 1.43 0.00	33.22 1.33 0.00	35.31 1.40 0.00	33.43 1.33 0.00	37.78 1.57 0.00	74.06 3.24 0.00	87.52 3.78 0.00	50.35 1.98 0.00	38.13 1.57 0.00	53.33 2.35 0.00	47.37 2.12 0.00	46.63 2.13 0.00	54.59 2.56 0.00	53.53 2.58 0.00	80.54 3.82 0.00	141.34 6.58 0.00	84.08 3.91 0.00	65.00 2.82 0.00	82.63 3.53 0.00	80.74 3.43 0.00	63.99 2.72 0.00	54.67 2.28 0.00	54.16 2.06 0.00
SHOEMAKR_138KV_BK 111 55601	37.64 1.60 0.00	35.35 1.42 0.00	33.21 1.32 0.00	35.29 1.38 0.00	33.42 1.32 0.00	37.77 1.56 0.00	74.04 3.22 0.00	87.49 3.74 0.00	50.32 1.95 0.00	38.11 1.55 0.00	53.31 2.32 0.00	47.37 2.11 0.00	46.63 2.14 0.00	54.59 2.56 0.00	53.51 2.56 0.00	80.52 3.80 0.00	141.29 6.53 0.00	84.03 3.86 0.00	64.94 2.76 0.00	82.57 3.46 0.00	80.68 3.38 0.00	63.95 2.68 0.00	54.63 2.25 0.00	54.14 2.04 0.00
SHOREHAM_IC_1 23715	38.77 2.73 0.00	36.59 2.66 0.01	34.24 2.35 0.00	36.39 2.48 0.00	34.45 2.35 0.00	38.93 2.59 -0.13	84.20 4.85 -8.53	100.28 5.54 -10.99	55.12 2.61 -4.14	39.45 2.30 -0.60	55.49 4.51 0.00	48.58 3.99 0.66	46.50 3.43 1.42	59.29 4.46 -2.81	58.24 4.58 -2.71	90.62 5.87 -8.03	158.57 11.57 -12.25	96.36 7.17 -9.01	73.08 5.35 -5.55	96.66 6.75 -10.80	86.02 6.62 -2.10	68.25 4.95 -2.03	59.10 4.35 -2.36	56.06 4.00 0.04
SHOREHAM_IC_2 23716	38.75 2.72 0.00	36.59 2.66 0.01	34.25 2.35 0.00	36.40 2.49 0.00	34.45 2.35 0.00	38.92 2.57 -0.13	84.21 4.86 -8.53	100.28 5.54 -10.99	55.12 2.62 -4.14	39.46 2.30 -0.60	55.49 4.51 0.00	48.58 3.99 0.66	46.50 3.43 1.42	59.29 4.45 -2.81	58.23 4.58 -2.71	90.64 5.88 -8.03	158.57 11.57 -12.25	96.36 7.17 -9.01	73.08 5.36 -5.55	96.67 6.76 -10.80	86.11 6.71 -2.10	68.30 5.00 -2.03	59.15 4.40 -2.36	56.10 4.03 0.04
SISSONVILLE____ 23735	35.90 -0.14 0.00	33.81 -0.12 0.00	31.78 -0.12 0.00	33.79 -0.11 0.00	32.03 -0.07 0.00	36.16 -0.05 0.00	70.84 0.02 0.00	84.07 0.32 0.00	48.57 0.20 0.00	36.63 0.07 0.00	51.08 0.10 0.00	45.32 0.07 0.00	44.41 -0.08 0.00	52.06 0.03 0.00	50.73 -0.22 0.00	75.65 -1.07 0.00	133.00 -1.76 0.00	79.25 -0.93 0.00	61.36 -0.82 0.00	78.46 -0.64 0.00	76.75 -0.55 0.00	61.38 0.11 0.00	52.60 0.22 0.00	52.42 0.32 0.00
SITHE_IND_GS1 24169	34.92 -1.12 0.00	32.94 -0.99 0.00	30.97 -0.92 0.00	32.89 -1.02 0.00	31.16 -0.94 0.00	35.10 -1.12 0.00	68.59 -2.23 0.00	81.09 -2.66 0.00	46.93 -1.44 0.00	35.46 -1.10 0.00	49.45 -1.53 0.00	43.85 -1.41 0.00	43.10 -1.39 0.00	50.40 -1.64 0.00	49.37 -1.59 0.00	74.27 -2.46 0.00	130.55 -4.21 0.00	77.68 -2.50 0.00	60.25 -1.93 0.00	76.54 -2.56 0.00	74.75 -2.55 0.00	59.26 -2.01 0.00	50.73 -1.65 0.00	50.50 -1.60 0.00
SITHE_IND_GS2 24170	34.92 -1.12 0.00	32.94 -0.99 0.00	30.97 -0.92 0.00	32.89 -1.02 0.00	31.16 -0.94 0.00	35.10 -1.12 0.00	68.59 -2.23 0.00	81.09 -2.66 0.00	46.93 -1.44 0.00	35.46 -1.10 0.00	49.45 -1.53 0.00	43.85 -1.41 0.00	43.10 -1.39 0.00	50.40 -1.64 0.00	49.37 -1.59 0.00	74.27 -2.46 0.00	130.55 -4.21 0.00	77.68 -2.50 0.00	60.25 -1.93 0.00	76.54 -2.56 0.00	74.75 -2.55 0.00	59.26 -2.01 0.00	50.73 -1.65 0.00	50.50 -1.60 0.00
SITHE_IND_GS3 24171	34.92 -1.12 0.00	32.94 -0.99 0.00	30.97 -0.92 0.00	32.89 -1.02 0.00	31.16 -0.94 0.00	35.10 -1.12 0.00	68.59 -2.23 0.00	81.09 -2.66 0.00	46.93 -1.44 0.00	35.46 -1.10 0.00	49.45 -1.53 0.00	43.85 -1.41 0.00	43.10 -1.39 0.00	50.40 -1.64 0.00	49.37 -1.59 0.00	74.27 -2.46 0.00	130.55 -4.21 0.00	77.68 -2.50 0.00	60.25 -1.93 0.00	76.54 -2.56 0.00	74.75 -2.55 0.00	59.26 -2.01 0.00	50.73 -1.65 0.00	50.50 -1.60 0.00
SITHE_IND_GS4 24172	34.92 -1.12 0.00	32.94 -0.99 0.00	30.97 -0.92 0.00	32.89 -1.02 0.00	31.16 -0.94 0.00	35.10 -1.12 0.00	68.59 -2.23 0.00	81.09 -2.66 0.00	46.93 -1.44 0.00	35.46 -1.10 0.00	49.45 -1.53 0.00	43.85 -1.41 0.00	43.10 -1.39 0.00	50.40 -1.64 0.00	49.37 -1.59 0.00	74.27 -2.46 0.00	130.55 -4.21 0.00	77.68 -2.50 0.00	60.25 -1.93 0.00	76.54 -2.56 0.00	74.75 -2.55 0.00	59.26 -2.01 0.00	50.73 -1.65 0.00	50.50 -1.60 0.00

SITHE___BATAVIA 24024	35.17 -0.87 0.00	33.06 -0.88 0.00	31.04 -0.85 0.00	32.79 -1.11 0.00	31.05 -1.05 0.00	35.07 -1.14 0.00	69.10 -1.72 0.00	79.88 -2.48 1.38	47.41 -0.96 0.00	35.77 -0.79 0.00	49.92 -1.06 0.00	44.09 -0.88 0.28	43.28 -1.22 0.00	50.70 -1.33 0.00	45.67 -1.34 3.94	62.69 -2.65 11.38	114.81 -4.19 15.75	76.24 -1.77 2.16	60.87 -1.31 0.00	77.72 -1.37 0.02	74.41 -1.47 1.41	60.19 -1.08 0.00	52.45 0.06 0.00	53.24 1.14 0.00
SITHE___INDEPEND 23800	34.92 -1.12 0.00	32.94 -0.99 0.00	30.97 -0.92 0.00	32.89 -1.02 0.00	31.16 -0.94 0.00	35.10 -1.11 0.00	68.60 -2.22 0.00	81.09 -2.66 0.00	46.93 -1.44 0.00	35.46 -1.10 0.00	49.45 -1.53 0.00	43.85 -1.41 0.00	43.09 -1.40 0.00	50.40 -1.63 0.00	49.37 -1.58 0.00	74.27 -2.45 0.00	130.55 -4.21 0.00	77.68 -2.50 0.00	60.25 -1.93 0.00	76.55 -2.56 0.00	74.76 -2.54 0.00	59.26 -2.01 0.00	50.73 -1.65 0.00	50.49 -1.61 0.00
SITHE___MASSENA 23902	36.18 0.14 0.00	34.06 0.13 0.00	32.02 0.13 0.00	34.04 0.13 0.00	32.24 0.14 0.00	36.39 0.17 0.00	71.37 0.55 0.00	84.60 0.85 0.00	48.74 0.37 0.00	36.74 0.18 0.00	51.23 0.25 0.00	45.50 0.24 0.00	44.64 0.14 0.00	52.28 0.24 0.00	51.06 0.11 0.00	76.62 -0.11 0.00	134.87 0.11 0.00	80.40 0.22 0.00	62.34 0.17 0.00	79.55 0.45 0.00	77.68 0.38 0.00	61.69 0.42 0.00	52.76 0.38 0.00	52.64 0.54 0.00
SITHE___OGDNSBRG 24021	36.60 0.56 0.00	34.49 0.55 0.00	32.41 0.52 0.00	34.45 0.54 0.00	32.65 0.55 0.00	36.91 0.69 0.00	72.52 1.70 0.00	86.08 2.34 0.00	49.58 1.21 0.00	37.35 0.79 0.00	52.05 1.06 0.00	46.11 0.86 0.00	45.17 0.68 0.00	52.99 0.96 0.00	51.70 0.75 0.00	77.37 0.65 0.00	136.29 1.54 0.00	81.38 1.21 0.00	63.06 0.89 0.00	80.55 1.45 0.00	78.67 1.37 0.00	62.60 1.33 0.00	53.57 1.18 0.00	53.40 1.30 0.00
SITHE___STERLING 23777	36.68 0.64 0.00	34.57 0.63 0.00	32.50 0.60 0.00	34.56 0.65 0.00	32.77 0.67 0.00	37.10 0.88 0.00	72.75 1.93 0.00	86.04 2.29 0.00	49.79 1.42 0.00	37.59 1.03 0.00	52.42 1.44 0.00	46.48 1.23 0.00	45.65 1.16 0.00	53.46 1.43 0.00	53.16 1.44 -0.77	79.01 2.29 0.00	139.08 4.33 0.00	82.83 2.66 0.00	64.14 1.97 0.00	81.50 2.39 0.00	79.44 2.14 0.00	62.89 1.62 0.00	53.68 1.30 0.00	53.28 1.18 0.00
SLEIGHT__34_KV_TB1 80719	35.14 -0.91 0.00	33.12 -0.81 0.00	31.12 -0.77 0.00	32.97 -0.93 0.00	31.26 -0.84 0.00	35.37 -0.84 0.00	69.43 -1.39 0.00	81.57 -1.82 0.36	47.59 -0.78 0.00	35.95 -0.61 0.00	50.29 -0.69 0.00	44.59 -0.67 0.00	43.72 -0.77 0.00	51.19 -0.85 0.00	50.11 -0.84 0.00	73.19 -1.56 1.97	130.84 -2.78 1.14	78.40 -1.31 0.47	61.23 -0.95 0.00	77.84 -1.26 0.00	75.58 -1.41 0.31	60.13 -1.14 0.00	51.80 -0.59 0.00	51.86 -0.24 0.00
SMITHTWN_69_KV_BK 1 55830	38.48 2.44 0.00	36.29 2.36 0.01	33.96 2.07 0.00	36.08 2.18 0.00	34.14 2.04 0.00	38.51 2.23 -0.06	79.08 4.25 -4.02	93.74 4.82 -5.18	52.60 2.28 -1.95	38.89 2.05 -0.28	55.21 4.23 0.00	48.48 3.84 0.62	46.48 3.31 1.33	57.31 4.13 -1.15	56.24 4.19 -1.10	85.69 5.19 -3.78	150.79 10.27 -5.77	90.74 6.32 -4.24	69.46 4.67 -2.61	89.92 5.94 -4.87	81.91 5.96 1.35	65.48 4.42 0.21	57.24 3.90 -0.95	55.62 3.59 0.07
SOUTH CAIRO___GT 23612	38.08 2.04 0.00	35.83 1.90 0.00	33.68 1.78 0.00	35.83 1.92 0.00	33.92 1.82 0.00	38.30 2.08 0.00	74.71 3.89 0.00	88.66 4.91 0.00	52.04 3.67 0.00	39.42 2.86 0.00	54.10 3.12 0.00	48.12 2.86 0.00	47.01 2.51 0.00	54.92 2.89 0.00	53.94 2.99 0.00	81.80 5.07 0.00	145.79 11.03 0.00	86.95 6.77 0.00	67.56 5.38 0.00	85.62 6.52 0.00	83.54 6.24 0.00	65.95 4.68 0.00	56.10 3.71 0.00	55.47 3.37 0.00
SOUTH HAMPTN___IC 23720	39.31 3.28 0.00	37.10 3.17 0.01	34.73 2.83 0.00	36.90 2.99 0.00	34.94 2.84 0.00	39.55 3.20 -0.14	85.97 6.13 -9.02	102.39 7.02 -11.62	56.20 3.46 -4.37	40.08 2.88 -0.63	56.25 5.27 0.00	49.23 4.65 0.67	47.13 4.08 1.45	60.27 5.25 -2.98	59.25 5.42 -2.88	92.42 7.20 -8.49	161.72 14.00 -12.96	98.40 8.70 -9.53	74.58 6.54 -5.87	98.80 8.25 -11.44	87.75 8.03 -2.42	69.53 6.01 -2.24	60.13 5.23 -2.52	56.90 4.84 0.04
SOUTHDOW_115KV_TB1 355954	34.76 -1.28 0.00	32.64 -1.30 0.00	30.72 -1.18 0.00	32.52 -1.38 0.00	30.93 -1.17 0.00	35.15 -1.06 0.00	69.00 -1.82 0.00	78.06 -3.42 2.27	46.90 -1.47 0.00	35.53 -1.03 0.00	49.63 -1.35 0.00	43.36 -1.38 0.52	42.87 -1.62 0.00	50.08 -1.95 0.00	41.84 -2.27 6.83	54.13 -3.58 19.01	101.06 -7.27 26.43	72.84 -3.72 3.62	59.50 -2.68 0.00	76.65 -2.43 0.03	72.65 -2.29 2.36	59.99 -1.28 0.00	52.43 0.04 0.00	53.32 1.22 0.00
SOUTHOLD_69_KV_BK 2 55809	39.73 3.69 0.00	37.49 3.56 0.01	35.10 3.21 0.00	37.30 3.39 0.00	35.33 3.23 0.00	40.02 3.67 -0.14	86.94 7.11 -9.01	103.56 8.20 -11.61	56.87 4.13 -4.37	40.56 3.37 -0.63	56.89 5.91 0.00	49.76 5.18 0.67	47.62 4.58 1.45	60.90 5.89 -2.98	59.92 6.09 -2.87	93.49 8.28 -8.49	163.70 16.00 -12.94	99.63 9.93 -9.52	75.57 7.53 -5.86	100.02 9.48 -11.43	88.98 9.27 -2.41	70.43 6.92 -2.24	60.87 5.97 -2.51	57.61 5.55 0.04
SOUTHOLD___IC 23719	39.74 3.70 0.00	37.49 3.56 0.01	35.10 3.21 0.00	37.30 3.39 0.00	35.33 3.23 0.00	40.02 3.67 -0.14	86.94 7.11 -9.01	103.56 8.20 -11.61	56.87 4.13 -4.37	40.56 3.37 -0.63	56.88 5.90 0.00	49.77 5.19 0.67	47.62 4.58 1.45	60.90 5.89 -2.98	59.91 6.09 -2.87	93.48 8.27 -8.49	163.69 15.99 -12.94	99.63 9.93 -9.52	75.56 7.52 -5.86	100.02 9.48 -11.43	88.90 9.18 -2.41	70.40 6.89 -2.24	60.82 5.92 -2.51	57.58 5.51 0.04
SOUTH_FORK_WT_PWR 323839	39.87 3.83 0.00	37.61 3.68 0.01	35.22 3.33 0.00	37.42 3.52 0.00	35.45 3.35 0.00	40.17 3.82 -0.14	87.23 7.40 -9.01	103.91 8.54 -11.62	57.06 4.31 -4.37	40.68 3.49 -0.63	57.03 6.05 0.00	49.90 5.32 0.67	47.76 4.72 1.45	61.06 6.05 -2.98	60.09 6.26 -2.88	93.73 8.52 -8.49	164.17 16.46 -12.95	99.95 10.25 -9.53	75.82 7.78 -5.86	100.35 9.80 -11.44	89.20 9.48 -2.42	70.62 7.11 -2.24	61.02 6.12 -2.51	57.77 5.71 0.04
SPIERFLS_115KV_TB 1 80737	38.52 2.48 0.00	36.22 2.28 0.00	34.02 2.13 0.00	36.21 2.30 0.00	34.32 2.22 0.00	38.97 2.76 0.00	76.10 5.28 0.00	89.80 6.05 0.00	51.94 3.57 0.00	39.22 2.65 0.00	54.40 3.42 0.00	48.12 2.87 0.00	47.53 3.04 0.00	55.37 3.34 0.00	54.45 3.49 0.00	82.79 6.06 0.00	144.97 10.21 0.00	86.09 5.91 0.00	67.06 4.88 0.00	85.23 6.12 0.00	83.23 5.92 0.00	65.82 4.55 0.00	56.15 3.77 0.00	55.54 3.45 0.00
ST LAWRENCE____ 23600	35.72 -0.32 0.00	33.61 -0.32 0.00	31.61 -0.29 0.00	33.59 -0.32 0.00	31.81 -0.29 0.00	35.89 -0.33 0.00	70.40 -0.42 0.00	83.43 -0.31 0.00	48.05 -0.32 0.00	36.23 -0.33 0.00	50.51 -0.47 0.00	44.86 -0.39 0.00	44.05 -0.44 0.00	51.57 -0.46 0.00	50.39 -0.56 0.00	75.74 -0.99 0.00	133.27 -1.49 0.00	79.45 -0.73 0.00	61.65 -0.53 0.00	78.60 -0.50 0.00	76.73 -0.57 0.00	60.87 -0.40 0.00	52.02 -0.37 0.00	51.90 -0.20 0.00

STATE_CA_115KV_115_LB 55624	36.99 0.95 0.00	34.84 0.91 0.00	32.74 0.85 0.00	34.79 0.88 0.00	32.90 0.80 0.00	37.01 0.80 0.00	71.87 1.05 0.00	85.09 1.35 0.00	49.33 0.96 0.00	37.40 0.84 0.00	51.82 0.84 0.00	46.12 0.87 0.00	45.43 0.94 0.00	52.94 0.91 0.00	51.85 0.90 0.00	78.45 1.73 0.00	137.51 2.75 0.00	81.56 1.39 0.00	63.37 1.19 0.00	80.43 1.33 0.00	78.71 1.41 0.00	62.32 1.05 0.00	53.16 0.78 0.00	52.73 0.63 0.00
STATE_ST_34_KV_LOAD 55959	35.98 -0.06 0.00	34.00 0.06 0.00	31.96 0.06 0.00	33.93 0.02 0.00	32.20 0.10 0.00	36.41 0.19 0.00	71.05 0.23 0.00	84.80 0.40 -0.66	48.70 0.33 0.00	36.78 0.22 0.00	51.33 0.35 0.00	45.66 0.20 -0.21	44.72 0.22 0.00	52.36 0.33 0.00	54.24 0.34 -2.94	84.06 0.50 -6.84	144.80 0.89 -9.15	81.90 0.40 -1.32	62.72 0.54 0.00	79.48 0.37 -0.01	78.34 0.17 -0.87	61.37 0.10 0.00	52.70 0.31 0.00	52.52 0.42 0.00
STATION_5_MISC_HYD 23604	35.16 -0.88 0.00	33.09 -0.84 0.00	31.07 -0.82 0.00	32.88 -1.03 0.00	31.14 -0.96 0.00	35.19 -1.02 0.00	69.18 -1.64 0.00	80.47 -2.31 0.97	47.44 -0.93 0.00	35.86 -0.70 0.00	50.16 -0.82 0.00	44.28 -0.77 0.20	43.58 -0.91 0.00	51.01 -1.02 0.00	47.11 -1.08 2.77	66.77 -2.17 7.78	120.78 -3.58 10.40	77.03 -1.63 1.51	60.92 -1.25 0.00	77.64 -1.45 0.01	74.74 -1.58 0.99	60.10 -1.17 0.00	52.03 -0.35 0.00	52.36 0.25 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.35 -0.69 0.00	33.30 -0.64 0.00	31.27 -0.63 0.00	33.14 -0.77 0.00	31.42 -0.68 0.00	35.53 -0.69 0.00	69.76 -1.07 0.00	81.78 -1.47 0.50	47.78 -0.59 0.00	36.10 -0.46 0.00	50.46 -0.52 0.00	44.65 -0.52 0.09	43.89 -0.61 0.00	51.35 -0.68 0.00	48.98 -0.69 1.27	71.61 -1.39 3.73	127.46 -2.36 4.93	78.41 -1.04 0.72	61.40 -0.78 0.00	78.12 -0.98 0.00	75.71 -1.12 0.47	60.37 -0.90 0.00	52.01 -0.37 0.00	52.09 -0.01 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	34.92 -1.12 0.00	32.88 -1.06 0.00	30.88 -1.02 0.00	32.68 -1.23 0.00	30.95 -1.15 0.00	34.98 -1.23 0.00	68.69 -2.13 0.00	80.04 -2.84 0.86	47.10 -1.27 0.00	35.60 -0.96 0.00	49.80 -1.19 0.00	43.99 -1.09 0.18	43.27 -1.23 0.00	50.65 -1.38 0.00	47.09 -1.43 2.43	67.18 -2.66 6.88	121.07 -4.52 9.17	76.63 -2.21 1.33	60.48 -1.70 0.00	77.05 -2.04 0.01	74.30 -2.12 0.87	59.65 -1.63 0.00	51.60 -0.79 0.00	51.88 -0.22 0.00
STA_56___34_KV_BUS2 355983	34.92 -1.12 0.00	32.88 -1.06 0.00	30.88 -1.02 0.00	32.68 -1.23 0.00	30.95 -1.15 0.00	34.98 -1.23 0.00	68.69 -2.13 0.00	80.04 -2.84 0.86	47.10 -1.27 0.00	35.60 -0.96 0.00	49.80 -1.19 0.00	43.99 -1.09 0.18	43.27 -1.23 0.00	50.65 -1.38 0.00	47.09 -1.43 2.43	67.18 -2.66 6.88	121.07 -4.52 9.17	76.63 -2.21 1.33	60.48 -1.70 0.00	77.05 -2.04 0.01	74.30 -2.12 0.87	59.65 -1.63 0.00	51.60 -0.79 0.00	51.88 -0.22 0.00
STA_67___115KV_BK2 355882	35.10 -0.94 0.00	33.03 -0.90 0.00	31.02 -0.88 0.00	32.82 -1.09 0.00	31.08 -1.01 0.00	35.13 -1.08 0.00	69.03 -1.79 0.00	80.32 -2.46 0.97	47.34 -1.03 0.00	35.78 -0.79 0.00	50.05 -0.93 0.00	44.19 -0.86 0.20	43.47 -1.02 0.00	50.90 -1.13 0.00	47.01 -1.17 2.76	66.61 -2.34 7.78	120.43 -3.94 10.39	76.85 -1.82 1.51	60.78 -1.40 0.00	77.47 -1.63 0.01	74.58 -1.73 0.99	59.96 -1.32 0.00	51.93 -0.45 0.00	52.26 0.16 0.00
STA_7___115KV_9TRANS 80674	35.31 -0.73 0.00	33.22 -0.71 0.00	31.19 -0.70 0.00	33.00 -0.91 0.00	31.26 -0.84 0.00	35.35 -0.86 0.00	69.53 -1.29 0.00	80.90 -1.88 0.97	47.68 -0.68 0.00	36.05 -0.51 0.00	50.45 -0.54 0.00	44.53 -0.52 0.20	43.81 -0.69 0.00	51.30 -0.73 0.00	47.41 -0.78 2.76	67.20 -1.75 7.77	121.52 -2.86 10.38	77.51 -1.16 1.51	61.30 -0.88 0.00	78.11 -0.98 0.01	75.18 -1.14 0.98	60.42 -0.86 0.00	52.28 -0.10 0.00	52.58 0.48 0.00
STA_82___115KV_TB1 80780	35.07 -0.97 0.00	33.02 -0.92 0.00	31.00 -0.89 0.00	32.80 -1.11 0.00	31.07 -1.03 0.00	35.11 -1.10 0.00	68.97 -1.85 0.00	80.23 -2.54 0.97	47.30 -1.08 0.00	35.74 -0.82 0.00	50.01 -0.97 0.00	44.14 -0.91 0.20	43.43 -1.06 0.00	50.85 -1.19 0.00	46.95 -1.22 2.78	66.48 -2.42 7.83	120.22 -4.07 10.46	76.76 -1.90 1.52	60.71 -1.47 0.00	77.39 -1.70 0.01	74.51 -1.80 0.99	59.92 -1.36 0.00	51.89 -0.50 0.00	52.22 0.12 0.00
STEEL___WIND 323596	34.16 -1.88 0.00	32.10 -1.84 0.00	30.14 -1.76 0.00	31.81 -2.11 0.00	30.09 -2.01 0.00	34.07 -2.15 0.00	66.83 -3.99 0.00	76.11 -5.67 1.96	45.65 -2.72 0.00	34.47 -2.09 0.00	48.28 -2.71 0.00	42.34 -2.52 0.40	41.85 -2.65 0.00	49.04 -2.99 0.00	42.24 -3.06 5.65	55.01 -5.35 16.36	102.42 -9.48 22.86	72.08 -5.00 3.10	58.35 -3.82 0.00	74.84 -4.24 0.02	71.04 -4.24 2.02	58.30 -2.97 0.00	51.00 -1.39 0.00	51.95 -0.15 0.00
STEPHTWN_115KV_BK_2 55603	37.24 1.20 0.00	34.99 1.06 0.00	32.90 1.00 0.00	35.01 1.10 0.00	33.14 1.04 0.00	37.32 1.11 0.00	72.56 1.74 0.00	85.91 2.17 0.00	49.66 1.29 0.00	37.66 1.10 0.00	52.22 1.24 0.00	46.47 1.21 0.00	45.92 1.43 0.00	53.59 1.56 0.00	52.44 1.49 0.00	79.47 2.74 0.00	139.24 4.48 0.00	82.71 2.53 0.00	64.28 2.10 0.00	81.56 2.45 0.00	79.81 2.51 0.00	63.11 1.84 0.00	53.74 1.36 0.00	53.49 1.39 0.00
STEBEN_REC_LFGE 323667	33.53 -2.51 0.00	31.63 -2.31 0.00	29.51 -2.38 0.00	30.99 -2.92 0.00	29.52 -2.59 0.00	33.60 -2.61 0.00	65.94 -4.89 0.00	70.19 -7.15 6.40	44.89 -3.48 0.00	33.49 -3.07 0.00	46.10 -4.88 0.00	39.01 -4.55 1.70	40.06 -4.44 0.00	47.16 -4.87 0.00	25.95 -4.87 20.13	19.21 -6.60 50.92	54.96 -10.73 69.07	64.87 -5.44 9.87	57.94 -4.23 0.01	73.22 -5.81 0.07	64.78 -6.08 6.44	57.00 -4.27 0.00	49.69 -2.69 0.00	51.06 -1.04 0.00
STILLWATER___SOLAR 323814	37.95 1.91 0.00	35.69 1.75 0.00	33.53 1.63 0.00	35.70 1.79 0.00	33.81 1.71 0.00	38.26 2.05 0.00	74.66 3.84 0.00	88.15 4.40 0.00	51.00 2.63 0.00	38.48 1.92 0.00	53.45 2.46 0.00	47.33 2.07 0.00	46.74 2.24 0.00	54.55 2.52 0.00	53.54 2.59 0.00	81.15 4.43 0.00	142.36 7.61 0.00	84.46 4.28 0.00	65.70 3.53 0.00	83.54 4.44 0.00	81.66 4.35 0.00	64.62 3.34 0.00	55.14 2.76 0.00	54.62 2.52 0.00
STONY___BROOK 24151	38.45 2.41 0.00	36.25 2.32 0.01	33.93 2.03 0.00	36.05 2.14 0.00	34.11 2.01 0.00	38.50 2.19 -0.10	81.41 4.08 -6.51	96.74 4.60 -8.39	53.71 2.18 -3.16	39.01 1.99 -0.45	55.13 4.15 0.00	48.37 3.75 0.63	46.38 3.25 1.36	58.18 4.08 -2.07	57.08 4.14 -1.99	87.81 4.96 -6.14	154.02 9.91 -9.35	93.17 6.11 -6.88	70.94 4.52 -4.23	92.98 5.72 -8.16	83.58 5.66 -0.62	66.58 4.25 -1.06	57.89 3.77 -1.73	55.51 3.46 0.05
STURGEON_POOL_HYD 23609	37.82 1.78 0.00	35.51 1.57 0.00	33.35 1.46 0.00	35.46 1.55 0.00	33.56 1.46 0.00	37.96 1.74 0.00	74.50 3.68 0.00	88.12 4.37 0.00	50.61 2.24 0.00	38.32 1.75 0.00	53.68 2.70 0.00	47.69 2.44 0.00	46.93 2.43 0.00	54.87 2.84 0.00	53.82 2.87 0.00	81.02 4.29 0.00	142.18 7.42 0.00	84.56 4.38 0.00	65.33 3.15 0.00	83.05 3.95 0.00	81.14 3.84 0.00	64.31 3.03 0.00	54.91 2.53 0.00	54.36 2.26 0.00

ST_LAW_115_BK7_LBMP 345037	35.72 -0.32 0.00	33.62 -0.31 0.00	31.61 -0.29 0.00	33.59 -0.31 0.00	31.81 -0.29 0.00	35.90 -0.32 0.00	70.43 -0.39 0.00	83.46 -0.28 0.00	48.07 -0.30 0.00	36.25 -0.31 0.00	50.52 -0.46 0.00	44.88 -0.38 0.00	44.05 -0.44 0.00	51.58 -0.46 0.00	50.38 -0.57 0.00	75.71 -1.01 0.00	133.25 -1.50 0.00	79.43 -0.74 0.00	61.63 -0.55 0.00	78.60 -0.50 0.00	76.73 -0.57 0.00	60.87 -0.40 0.00	52.03 -0.35 0.00	51.91 -0.19 0.00
ST_LAW_115_BK8_LBMP 345038	35.72 -0.32 0.00	33.62 -0.31 0.00	31.61 -0.29 0.00	33.59 -0.31 0.00	31.81 -0.29 0.00	35.90 -0.32 0.00	70.43 -0.39 0.00	83.46 -0.28 0.00	48.07 -0.30 0.00	36.25 -0.31 0.00	50.52 -0.46 0.00	44.88 -0.38 0.00	44.05 -0.44 0.00	51.58 -0.46 0.00	50.38 -0.57 0.00	75.71 -1.01 0.00	133.25 -1.50 0.00	79.43 -0.74 0.00	61.63 -0.55 0.00	78.60 -0.50 0.00	76.73 -0.57 0.00	60.87 -0.40 0.00	52.03 -0.35 0.00	51.91 -0.19 0.00
ST_LAW_230_BK5_LBMP 345035	35.72 -0.32 0.00	33.61 -0.32 0.00	31.61 -0.29 0.00	33.59 -0.32 0.00	31.81 -0.29 0.00	35.89 -0.33 0.00	70.40 -0.42 0.00	83.43 -0.31 0.00	48.05 -0.32 0.00	36.23 -0.33 0.00	50.51 -0.47 0.00	44.86 -0.39 0.00	44.05 -0.44 0.00	51.57 -0.46 0.00	50.39 -0.56 0.00	75.74 -0.99 0.00	133.27 -1.49 0.00	79.45 -0.73 0.00	61.65 -0.53 0.00	78.60 -0.50 0.00	76.73 -0.57 0.00	60.87 -0.40 0.00	52.02 -0.37 0.00	51.90 -0.20 0.00
ST_LAW_230_BK6_LBMP 345036	35.72 -0.32 0.00	33.61 -0.32 0.00	31.61 -0.29 0.00	33.59 -0.32 0.00	31.81 -0.29 0.00	35.89 -0.33 0.00	70.40 -0.42 0.00	83.43 -0.31 0.00	48.05 -0.32 0.00	36.23 -0.33 0.00	50.51 -0.47 0.00	44.86 -0.39 0.00	44.05 -0.44 0.00	51.57 -0.46 0.00	50.39 -0.56 0.00	75.74 -0.99 0.00	133.27 -1.49 0.00	79.45 -0.73 0.00	61.65 -0.53 0.00	78.60 -0.50 0.00	76.73 -0.57 0.00	60.87 -0.40 0.00	52.02 -0.37 0.00	51.90 -0.20 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	37.79 1.75 0.00	35.50 1.57 0.00	33.34 1.44 0.00	35.43 1.52 0.00	33.54 1.44 0.00	37.92 1.70 0.00	74.35 3.54 0.00	87.84 4.10 0.00	50.48 2.11 0.00	38.24 1.68 0.00	53.54 2.56 0.00	47.59 2.34 0.00	46.87 2.38 0.00	54.86 2.82 0.00	53.75 2.81 0.00	80.85 4.13 0.00	141.84 7.09 0.00	84.38 4.20 0.00	65.17 2.99 0.00	82.84 3.73 0.00	80.92 3.61 0.00	64.17 2.89 0.00	54.83 2.44 0.00	54.30 2.20 0.00
SWANROAD_115KV_TB1 355699	33.59 -2.45 0.00	31.59 -2.35 0.00	29.67 -2.23 0.00	31.28 -2.63 0.00	29.54 -2.56 0.00	33.19 -3.03 0.00	65.07 -5.75 0.00	74.61 -7.50 1.65	44.61 -3.76 0.00	33.73 -2.83 0.00	47.39 -3.59 0.00	41.69 -3.23 0.33	40.93 -3.57 0.00	47.90 -4.13 0.00	42.36 -3.88 4.71	56.07 -6.96 13.70	102.94 -12.56 19.25	70.82 -6.77 2.59	57.03 -5.14 0.00	72.96 -6.13 0.02	69.73 -5.88 1.69	56.90 -4.37 0.00	49.92 -2.46 0.00	51.15 -0.95 0.00
SYNERGY___BIOGAS 323694	35.17 -0.87 0.00	33.05 -0.88 0.00	31.04 -0.86 0.00	32.79 -1.12 0.00	31.05 -1.05 0.00	35.07 -1.14 0.00	69.10 -1.72 0.00	79.88 -2.48 1.38	47.43 -0.94 0.00	35.77 -0.79 0.00	49.92 -1.06 0.00	44.12 -0.86 0.28	43.27 -1.22 0.00	50.71 -1.33 0.00	45.73 -1.28 3.94	62.72 -2.62 11.38	114.80 -4.20 15.75	76.24 -1.77 2.16	60.87 -1.31 0.00	77.75 -1.34 0.02	74.44 -1.45 1.41	60.20 -1.07 0.00	52.45 0.06 0.00	53.24 1.14 0.00
SYRACUSE___ENERGY_ST1 323597	35.82 -0.22 0.00	33.77 -0.16 0.00	31.74 -0.16 0.00	33.71 -0.20 0.00	31.95 -0.15 0.00	36.07 -0.15 0.00	70.59 -0.23 0.00	83.42 -0.32 0.00	48.28 -0.09 0.00	36.49 -0.07 0.00	50.90 -0.08 0.00	45.18 -0.14 -0.07	44.34 -0.15 0.00	51.90 -0.13 0.00	51.83 -0.10 -0.98	78.91 -0.19 -2.37	137.65 -0.29 -3.18	80.50 -0.14 -0.46	62.09 -0.09 0.00	78.87 -0.23 0.00	77.29 -0.31 -0.30	60.97 -0.30 0.00	52.18 -0.21 0.00	51.90 -0.20 0.00
SYRACUSE___ENERGY_ST2 323598	35.82 -0.22 0.00	33.77 -0.16 0.00	31.74 -0.16 0.00	33.71 -0.20 0.00	31.95 -0.15 0.00	36.07 -0.15 0.00	70.59 -0.23 0.00	83.42 -0.32 0.00	48.28 -0.09 0.00	36.49 -0.07 0.00	50.90 -0.08 0.00	45.18 -0.14 -0.07	44.34 -0.15 0.00	51.90 -0.13 0.00	51.83 -0.10 -0.98	78.91 -0.19 -2.37	137.65 -0.29 -3.18	80.50 -0.14 -0.46	62.09 -0.09 0.00	78.87 -0.23 0.00	77.29 -0.31 -0.30	60.97 -0.30 0.00	52.18 -0.21 0.00	51.90 -0.20 0.00
SYRACUSE___POWER 24017	35.89 -0.15 0.00	33.81 -0.13 0.00	31.77 -0.12 0.00	33.75 -0.15 0.00	31.99 -0.11 0.00	36.12 -0.09 0.00	70.72 -0.10 0.00	83.95 -0.17 -0.37	48.37 0.00 0.00	36.56 0.00 0.00	51.03 0.04 0.00	45.34 -0.02 -0.11	44.45 -0.04 0.00	52.04 0.00 0.00	52.63 0.01 -1.67	80.43 0.00 -3.70	139.78 0.08 -4.95	80.99 0.10 -0.72	62.24 0.05 0.00	79.10 -0.01 0.00	77.65 -0.12 -0.15	61.12 -0.15 0.00	52.28 -0.10 0.00	52.01 -0.09 0.00
TALLMAN__138KV_BK151 55660	37.94 1.90 0.00	35.63 1.70 0.00	33.46 1.57 0.00	35.54 1.63 0.00	33.66 1.56 0.00	38.05 1.84 0.00	74.65 3.83 0.00	88.15 4.41 0.00	50.59 2.22 0.00	38.32 1.76 0.00	53.69 2.71 0.00	47.77 2.51 0.00	47.07 2.58 0.00	55.10 3.07 0.00	53.99 3.04 0.00	81.16 4.43 0.00	142.38 7.62 0.00	84.68 4.51 0.00	65.34 3.16 0.00	83.05 3.94 0.00	81.10 3.80 0.00	64.35 3.07 0.00	54.99 2.61 0.00	54.45 2.35 0.00
TEALLAVE_115KV_TB7 355573	35.62 -0.42 0.00	33.58 -0.36 0.00	31.57 -0.33 0.00	33.52 -0.39 0.00	31.77 -0.33 0.00	35.85 -0.36 0.00	70.17 -0.65 0.00	82.93 -0.81 0.00	48.02 -0.35 0.00	36.30 -0.26 0.00	50.65 -0.34 0.00	44.91 -0.35 0.00	44.13 -0.36 0.00	51.64 -0.39 0.00	50.59 -0.36 0.00	76.12 -0.60 0.00	133.76 -0.99 0.00	79.61 -0.57 0.00	61.72 -0.46 0.00	78.43 -0.67 0.00	76.56 -0.74 0.00	60.63 -0.64 0.00	51.89 -0.49 0.00	51.64 -0.46 0.00
TELGRAPH_34_KV_EAST 80808	34.37 -1.67 0.00	32.32 -1.62 0.00	30.34 -1.56 0.00	32.01 -1.90 0.00	30.28 -1.82 0.00	34.14 -2.08 0.00	67.09 -3.73 0.00	77.24 -5.01 1.50	46.01 -2.36 0.00	34.74 -1.82 0.00	48.70 -2.28 0.00	42.87 -2.08 0.30	42.15 -2.35 0.00	49.32 -2.71 0.00	44.07 -2.59 4.29	59.46 -4.80 12.46	108.96 -8.43 17.37	73.51 -4.31 2.36	58.91 -3.26 0.00	75.32 -3.77 0.02	72.06 -3.70 1.54	58.55 -2.73 0.00	51.20 -1.19 0.00	52.16 0.06 0.00
TEMPLE___115KV_TB 2 55572	35.65 -0.39 0.00	33.59 -0.34 0.00	31.58 -0.32 0.00	33.53 -0.38 0.00	31.78 -0.32 0.00	35.87 -0.35 0.00	70.21 -0.61 0.00	82.98 -0.76 0.00	48.04 -0.33 0.00	36.31 -0.25 0.00	50.67 -0.31 0.00	44.92 -0.33 0.00	44.16 -0.33 0.00	51.67 -0.36 0.00	50.62 -0.33 0.00	76.16 -0.56 0.00	133.80 -0.96 0.00	79.65 -0.52 0.00	61.74 -0.44 0.00	78.47 -0.64 0.00	76.61 -0.69 0.00	60.67 -0.61 0.00	51.93 -0.46 0.00	51.66 -0.44 0.00
TIANA____69_KV_BK 1 55817	39.16 3.12 0.00	36.96 3.04 0.01	34.60 2.70 0.00	36.77 2.86 0.00	34.81 2.71 0.00	39.38 3.03 -0.14	85.62 5.79 -9.01	102.01 6.65 -11.61	55.98 3.24 -4.37	39.91 2.72 -0.63	56.06 5.08 0.00	49.06 4.48 0.67	46.96 3.91 1.45	60.04 5.03 -2.98	59.04 5.21 -2.88	92.08 6.87 -8.49	161.09 13.38 -12.95	98.02 8.32 -9.52	74.27 6.23 -5.86	98.43 7.89 -11.44	87.48 7.76 -2.41	69.28 5.77 -2.24	59.95 5.05 -2.51	56.72 4.66 0.04

TILDEN___115KV_TB1 80814	35.89 -0.15 0.00	33.81 -0.13 0.00	31.77 -0.12 0.00	33.75 -0.15 0.00	31.99 -0.11 0.00	36.12 -0.09 0.00	70.72 -0.10 0.00	83.95 -0.17 -0.37	48.37 0.00 0.00	36.56 0.00 0.00	51.03 0.04 0.00	45.34 -0.02 -0.11	44.45 -0.04 0.00	52.04 0.00 0.00	52.63 0.01 -1.67	80.43 0.00 -3.70	139.78 0.08 -4.95	80.99 0.10 -0.72	62.24 0.05 0.00	79.10 -0.01 0.00	77.65 -0.12 -0.47	61.12 -0.15 0.00	52.28 -0.10 0.00	52.01 -0.09 0.00
TRIGEN___CC 323695	38.18 2.14 0.00	35.98 2.04 -0.01	33.69 1.79 0.00	35.79 1.88 0.00	33.86 1.76 0.00	38.22 2.00 0.00	74.79 3.97 0.00	88.39 4.64 0.00	50.57 2.20 0.00	38.46 1.90 0.00	54.57 3.57 -0.01	51.60 3.38 -2.96	54.00 3.15 -6.36	57.44 3.76 -1.65	56.44 3.77 -1.72	81.67 4.93 -0.02	143.69 8.93 0.00	85.57 5.39 0.00	66.06 3.89 0.00	86.18 4.96 -2.12	104.98 5.06 -22.62	76.37 3.82 -11.27	57.30 3.32 -1.59	55.67 3.12 -0.45
TRINITY___115KV__4 BK 55933	36.85 0.81 0.00	34.71 0.77 0.00	32.61 0.72 0.00	34.66 0.75 0.00	32.77 0.67 0.00	36.88 0.66 0.00	71.52 0.70 0.00	84.60 0.85 0.00	49.03 0.65 0.00	37.18 0.62 0.00	51.52 0.54 0.00	45.86 0.60 0.00	45.23 0.74 0.00	52.72 0.69 0.00	51.64 0.69 0.00	78.11 1.39 0.00	136.90 2.15 0.00	81.18 1.01 0.00	63.11 0.93 0.00	80.11 1.00 0.00	78.41 1.11 0.00	62.10 0.82 0.00	52.99 0.60 0.00	52.56 0.45 0.00
UNION___PROCESSING_DRP 323587	35.08 -0.96 0.00	33.02 -0.92 0.00	31.01 -0.89 0.00	32.80 -1.11 0.00	31.07 -1.03 0.00	35.11 -1.10 0.00	69.01 -1.81 0.00	80.25 -2.53 0.97	47.31 -1.06 0.00	35.76 -0.80 0.00	50.01 -0.97 0.00	44.15 -0.90 0.20	43.44 -1.05 0.00	50.86 -1.17 0.00	46.96 -1.22 2.77	66.51 -2.42 7.80	120.27 -4.05 10.43	76.78 -1.89 1.51	60.73 -1.45 0.00	77.40 -1.70 0.01	74.52 -1.79 0.99	59.92 -1.35 0.00	51.89 -0.49 0.00	52.23 0.13 0.00
UPPER HUDSON___HYD 24058	38.52 2.48 0.00	36.22 2.28 0.00	34.02 2.13 0.00	36.21 2.30 0.00	34.32 2.22 0.00	38.97 2.76 0.00	76.10 5.28 0.00	89.80 6.05 0.00	51.94 3.57 0.00	39.22 2.65 0.00	54.40 3.42 0.00	48.12 2.87 0.00	47.53 3.04 0.00	55.37 3.34 0.00	54.45 3.49 0.00	82.79 6.06 0.00	144.96 10.21 0.00	86.09 5.92 0.00	67.06 4.88 0.00	85.23 6.13 0.00	83.22 5.92 0.00	65.82 4.55 0.00	56.15 3.77 0.00	55.55 3.45 0.00
UPPER RAQUET___HYD 24056	35.90 -0.14 0.00	33.81 -0.12 0.00	31.78 -0.12 0.00	33.79 -0.11 0.00	32.04 -0.07 0.00	36.16 -0.05 0.00	70.84 0.02 0.00	84.07 0.32 0.00	48.57 0.20 0.00	36.63 0.07 0.00	51.08 0.10 0.00	45.33 0.07 0.00	44.41 -0.08 0.00	52.06 0.03 0.00	50.74 -0.22 0.00	75.64 -1.08 0.00	133.00 -1.76 0.00	79.25 -0.92 0.00	61.36 -0.82 0.00	78.46 -0.64 0.00	76.76 -0.54 0.00	61.38 0.11 0.00	52.60 0.22 0.00	52.42 0.32 0.00
VALLEY44_115KV_TB2 355964	34.69 -1.35 0.00	32.58 -1.35 0.00	30.60 -1.30 0.00	32.33 -1.58 0.00	30.76 -1.34 0.00	34.85 -1.37 0.00	67.79 -3.03 0.00	76.46 -4.91 2.37	45.85 -2.52 0.00	34.77 -1.80 0.00	48.86 -2.13 0.00	42.74 -1.96 0.55	42.49 -2.00 0.00	49.67 -2.36 0.00	41.18 -2.56 7.22	52.12 -4.70 19.91	97.79 -9.36 27.61	71.26 -5.12 3.80	58.23 -3.95 0.00	75.01 -4.07 0.03	70.91 -3.91 2.48	58.84 -2.43 0.00	51.38 -1.01 0.00	52.05 -0.05 0.00
VALLEY___115KV_TB 1-4 80826	37.53 1.49 0.00	35.23 1.30 0.00	33.12 1.23 0.00	35.27 1.36 0.00	33.39 1.29 0.00	37.75 1.54 0.00	73.88 3.06 0.00	87.31 3.56 0.00	50.39 2.02 0.00	37.95 1.39 0.00	52.77 1.79 0.00	46.72 1.46 0.00	46.02 1.53 0.00	53.54 1.51 0.00	52.49 1.53 0.00	79.94 3.22 0.00	140.84 6.08 0.00	83.78 3.61 0.00	65.24 3.06 0.00	83.09 3.99 0.00	81.13 3.83 0.00	64.19 2.91 0.00	54.57 2.18 0.00	53.96 1.86 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	37.93 1.89 0.00	35.69 1.76 0.00	33.55 1.65 0.00	35.69 1.79 0.00	33.81 1.71 0.00	38.34 2.13 0.00	77.30 6.48 0.00	91.53 7.41 -0.37	52.45 4.08 0.00	38.72 2.15 0.00	54.10 3.12 0.00	48.03 2.77 0.00	47.26 2.76 0.00	55.29 3.25 0.00	54.14 3.19 0.00	81.59 4.87 0.00	143.23 8.47 0.00	85.13 4.95 0.00	65.95 3.78 0.00	83.83 4.73 0.00	81.93 4.63 0.00	64.78 3.51 0.00	55.32 2.94 0.00	54.91 2.81 0.00
VISCHER___FERRY HYD 24020	37.36 1.32 0.00	35.14 1.21 0.00	33.02 1.12 0.00	35.16 1.25 0.00	33.27 1.17 0.00	37.54 1.33 0.00	73.11 2.29 0.00	86.37 2.62 0.00	50.06 1.69 0.00	37.83 1.27 0.00	52.51 1.53 0.00	46.58 1.32 0.00	45.97 1.47 0.00	53.57 1.54 0.00	52.55 1.60 0.00	79.57 2.85 0.00	139.42 4.66 0.00	82.60 2.42 0.00	64.28 2.10 0.00	81.72 2.62 0.00	79.98 2.68 0.00	63.34 2.07 0.00	54.09 1.70 0.00	53.58 1.48 0.00
V_A_10_SYNC_DSASP 323832	34.15 -1.89 0.00	32.14 -1.79 0.00	30.17 -1.72 0.00	31.87 -2.04 0.00	30.15 -1.95 0.00	34.03 -2.19 0.00	66.71 -4.11 0.00	76.92 -5.53 1.30	45.66 -2.71 0.00	34.54 -2.02 0.00	48.42 -2.56 0.00	42.66 -2.33 0.27	41.97 -2.53 0.00	49.13 -2.90 0.00	44.28 -2.95 3.72	60.72 -5.31 10.69	110.50 -9.36 14.89	73.16 -4.99 2.03	58.42 -3.76 0.00	74.65 -4.43 0.02	71.62 -4.36 1.33	58.08 -3.19 0.00	50.70 -1.68 0.00	51.39 -0.71 0.00
V_CMM_10_SYNC_DSASP 323787	35.91 -0.13 0.00	33.82 -0.12 0.00	31.78 -0.12 0.00	33.78 -0.13 0.00	31.99 -0.10 0.00	36.10 -0.12 0.00	70.83 0.01 0.00	83.92 0.17 0.00	48.33 -0.04 0.00	36.45 -0.12 0.00	50.81 -0.17 0.00	45.13 -0.13 0.00	44.30 -0.19 0.00	51.85 -0.18 0.00	50.66 -0.29 0.00	76.11 -0.61 0.00	133.93 -0.83 0.00	79.88 -0.30 0.00	61.97 -0.21 0.00	79.05 -0.06 0.00	77.16 -0.14 0.00	61.20 -0.07 0.00	52.33 -0.06 0.00	52.21 0.11 0.00
V_CMP_10_SYNC_DSASP 323788	35.39 -0.65 0.00	33.31 -0.62 0.00	31.32 -0.58 0.00	33.32 -0.59 0.00	31.56 -0.54 0.00	35.59 -0.63 0.00	69.97 -0.85 0.00	82.95 -0.79 0.00	47.78 -0.59 0.00	36.00 -0.57 0.00	50.13 -0.85 0.00	44.57 -0.68 0.00	43.72 -0.77 0.00	51.23 -0.80 0.00	49.95 -1.00 0.00	74.96 -1.76 0.00	132.37 -2.39 0.00	79.01 -1.17 0.00	61.31 -0.86 0.00	78.28 -0.82 0.00	76.34 -0.96 0.00	60.56 -0.71 0.00	51.77 -0.62 0.00	51.59 -0.51 0.00
V_D_10_SYNC_DSASP 323841	36.18 0.14 0.00	34.06 0.12 0.00	32.01 0.12 0.00	34.03 0.12 0.00	32.23 0.13 0.00	36.38 0.17 0.00	71.37 0.55 0.00	84.57 0.82 0.00	48.72 0.35 0.00	36.74 0.18 0.00	51.21 0.23 0.00	45.49 0.23 0.00	44.63 0.13 0.00	52.26 0.23 0.00	51.04 0.09 0.00	76.60 -0.12 0.00	134.86 0.10 0.00	80.40 0.22 0.00	62.34 0.17 0.00	79.54 0.44 0.00	77.67 0.36 0.00	61.67 0.40 0.00	52.75 0.37 0.00	52.64 0.54 0.00
V_E_10_SYNC_DSASP 323830	36.90 0.86 0.00	34.78 0.85 0.00	32.56 0.67 0.00	34.78 0.88 0.00	33.03 0.93 0.00	37.50 1.29 0.00	74.69 3.87 0.00	90.81 5.10 -1.97	51.22 2.85 0.00	38.29 1.73 0.00	53.04 2.06 0.00	47.38 1.59 -0.53	46.28 1.78 0.00	54.01 1.98 0.00	61.19 2.18 -8.07	99.08 3.70 -18.66	167.01 7.43 -24.82	88.65 4.85 -3.62	65.89 3.71 0.00	84.00 4.87 -0.03	83.82 4.16 -2.36	64.26 2.99 0.00	54.73 2.34 0.00	54.65 2.55 0.00



V_F_30_NSYNC___DSASP 323816	37.99 1.95 0.00	35.72 1.79 0.00	33.56 1.66 0.00	35.73 1.82 0.00	33.84 1.74 0.00	38.30 2.08 0.00	74.77 3.95 0.00	88.25 4.51 0.00	51.06 2.69 0.00	38.54 1.98 0.00	53.53 2.55 0.00	47.42 2.17 0.00	46.82 2.32 0.00	54.64 2.61 0.00	53.63 2.68 0.00	81.25 4.53 0.00	142.54 7.78 0.00	84.57 4.39 0.00	65.78 3.60 0.00	83.64 4.53 0.00	81.75 4.44 0.00	64.69 3.42 0.00	55.21 2.83 0.00	54.68 2.58 0.00
V_F_30_SYNC_DSASP 323786	36.98 0.95 0.00	34.84 0.91 0.00	32.73 0.84 0.00	34.79 0.88 0.00	32.90 0.80 0.00	37.01 0.79 0.00	71.86 1.04 0.00	85.05 1.30 0.00	49.31 0.95 0.00	37.40 0.83 0.00	51.81 0.83 0.00	46.11 0.85 0.00	45.42 0.93 0.00	52.94 0.90 0.00	51.85 0.90 0.00	78.44 1.72 0.00	137.50 2.75 0.00	81.55 1.38 0.00	63.37 1.19 0.00	80.42 1.32 0.00	78.70 1.40 0.00	62.31 1.04 0.00	53.16 0.77 0.00	52.73 0.63 0.00
V_XM_10_SYNC_DSASP 323789	35.39 -0.65 0.00	33.31 -0.62 0.00	31.32 -0.58 0.00	33.32 -0.59 0.00	31.56 -0.54 0.00	35.59 -0.63 0.00	69.97 -0.85 0.00	82.95 -0.79 0.00	47.78 -0.59 0.00	36.00 -0.57 0.00	50.13 -0.85 0.00	44.57 -0.68 0.00	43.72 -0.77 0.00	51.23 -0.80 0.00	49.95 -1.00 0.00	74.96 -1.76 0.00	132.37 -2.39 0.00	79.01 -1.17 0.00	61.31 -0.86 0.00	78.28 -0.82 0.00	76.34 -0.96 0.00	60.56 -0.71 0.00	51.77 -0.62 0.00	51.59 -0.51 0.00
W.BABYLN_69_KV_BK1 56697	38.72 2.68 0.00	36.48 2.55 0.00	34.14 2.25 0.00	36.27 2.37 0.00	34.32 2.22 0.00	38.77 2.52 -0.04	78.27 5.06 -2.39	92.74 5.92 -3.08	52.46 2.93 -1.16	39.15 2.42 -0.17	55.54 4.55 0.00	49.60 4.09 -0.25	48.69 3.65 -0.55	57.58 4.52 -1.03	56.64 4.67 -1.01	85.21 6.23 -2.26	149.95 11.75 -3.44	89.78 7.08 -2.53	69.02 5.29 -1.56	89.29 6.84 -3.35	88.13 6.87 -3.96	68.64 5.12 -2.25	57.68 4.40 -0.90	56.19 4.04 -0.05
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	38.11 2.07 0.00	35.79 1.85 0.00	33.61 1.72 0.00	35.70 1.79 0.00	33.81 1.71 0.00	38.23 2.02 0.00	75.01 4.19 0.00	88.60 4.86 0.00	50.84 2.47 0.00	38.53 1.97 0.00	53.96 2.98 0.00	48.02 2.76 0.00	47.31 2.82 0.00	55.40 3.36 0.00	54.29 3.34 0.00	81.62 4.89 0.00	143.20 8.44 0.00	85.19 5.02 0.00	65.75 3.57 0.00	83.59 4.48 0.00	81.59 4.29 0.00	64.70 3.43 0.00	55.27 2.89 0.00	54.72 2.62 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	38.25 2.21 0.00	35.81 1.88 0.00	33.64 1.74 0.00	35.72 1.82 0.00	33.85 1.75 0.00	38.27 2.05 0.00	75.09 4.27 0.00	88.75 5.00 0.00	50.91 2.54 0.00	38.65 2.13 0.04	54.24 3.26 0.00	48.26 3.00 0.00	47.49 3.00 0.00	55.55 3.52 0.00	54.45 3.50 0.00	81.77 5.05 0.00	143.59 8.84 0.00	85.38 5.21 0.00	65.75 3.58 0.00	83.59 4.48 0.00	81.54 4.24 0.00	64.66 3.39 0.00	55.27 2.89 0.00	54.79 2.69 0.00
W50THST__13_KV_LOAD 356117	38.38 2.34 0.00	35.98 2.04 0.00	33.80 1.90 0.00	35.88 1.97 0.00	34.01 1.91 0.00	38.45 2.24 0.00	75.47 4.65 0.00	89.21 5.46 0.00	51.21 2.84 0.00	38.91 2.39 0.04	54.65 3.67 0.00	48.62 3.36 0.00	47.86 3.37 0.00	55.98 3.94 0.00	54.87 3.92 0.00	82.38 5.66 0.00	144.60 9.84 0.00	85.96 5.78 0.00	66.18 4.01 0.00	84.07 4.97 0.00	81.99 4.69 0.00	64.99 3.72 0.00	55.58 3.19 0.00	55.06 2.97 0.00
WADING RIVER_IC_1 23522	38.80 2.76 0.00	36.62 2.69 0.01	34.27 2.38 0.00	36.42 2.51 0.00	34.47 2.37 0.00	38.97 2.62 -0.14	84.85 4.94 -9.09	101.10 5.64 -11.71	55.44 2.67 -4.41	39.53 2.33 -0.63	55.52 4.54 0.00	48.60 4.02 0.68	46.51 3.47 1.46	59.54 4.50 -3.00	58.49 4.64 -2.90	91.24 5.96 -8.56	159.57 11.77 -13.05	97.06 7.28 -9.60	73.54 5.45 -5.91	97.53 6.89 -11.53	86.50 6.75 -2.45	68.56 5.02 -2.26	59.32 4.40 -2.53	56.11 4.05 0.04
WADING RIVER_IC_2 23547	38.80 2.76 0.00	36.62 2.69 0.01	34.27 2.38 0.00	36.42 2.51 0.00	34.47 2.37 0.00	38.97 2.62 -0.14	84.85 4.94 -9.09	101.10 5.64 -11.71	55.44 2.67 -4.41	39.53 2.33 -0.63	55.52 4.54 0.00	48.60 4.02 0.68	46.51 3.47 1.46	59.54 4.50 -3.00	58.49 4.64 -2.90	91.24 5.96 -8.56	159.57 11.77 -13.05	97.06 7.28 -9.60	73.54 5.45 -5.91	97.53 6.89 -11.53	86.50 6.75 -2.45	68.56 5.02 -2.26	59.32 4.40 -2.53	56.11 4.05 0.04
WADING RIVER_IC_3 23601	38.80 2.76 0.00	36.62 2.69 0.01	34.27 2.38 0.00	36.42 2.51 0.00	34.47 2.37 0.00	38.97 2.62 -0.14	84.85 4.94 -9.09	101.10 5.64 -11.71	55.44 2.67 -4.41	39.53 2.33 -0.63	55.52 4.54 0.00	48.60 4.02 0.68	46.51 3.47 1.46	59.54 4.50 -3.00	58.49 4.64 -2.90	91.24 5.96 -8.56	159.57 11.77 -13.05	97.06 7.28 -9.60	73.54 5.45 -5.91	97.53 6.89 -11.53	86.50 6.75 -2.45	68.56 5.02 -2.26	59.32 4.40 -2.53	56.11 4.05 0.04
WALDENNY_12_KV_BK2 80841	34.25 -1.80 0.00	32.19 -1.75 0.00	30.22 -1.68 0.00	31.89 -2.02 0.00	30.18 -1.92 0.00	34.12 -2.09 0.00	66.95 -3.88 0.00	76.37 -5.45 1.93	45.79 -2.58 0.00	34.58 -1.98 0.00	48.48 -2.50 0.00	42.54 -2.32 0.39	41.97 -2.53 0.00	49.21 -2.82 0.00	42.56 -2.84 5.55	55.53 -5.12 16.08	103.18 -9.10 22.48	72.34 -4.80 3.04	58.54 -3.63 0.00	75.04 -4.05 0.02	71.29 -4.02 1.99	58.41 -2.86 0.00	51.11 -1.28 0.00	52.09 -0.02 0.00
WALDEN___HYDRO 24148	37.97 1.93 0.00	35.65 1.71 0.00	33.48 1.58 0.00	35.58 1.67 0.00	33.69 1.59 0.00	38.10 1.88 0.00	74.73 3.91 0.00	88.33 4.58 0.00	50.77 2.40 0.00	38.43 1.87 0.00	53.81 2.82 0.00	47.82 2.57 0.00	47.08 2.58 0.00	55.10 3.06 0.00	54.00 3.05 0.00	81.29 4.57 0.00	142.69 7.94 0.00	84.90 4.73 0.00	65.58 3.41 0.00	83.37 4.26 0.00	81.42 4.12 0.00	64.54 3.27 0.00	55.12 2.74 0.00	54.57 2.47 0.00
WARRENSBURG____ 23737	38.52 2.48 0.00	36.22 2.28 0.00	34.02 2.13 0.00	36.21 2.30 0.00	34.32 2.22 0.00	38.97 2.76 0.00	76.10 5.28 0.00	89.80 6.05 0.00	51.94 3.57 0.00	39.22 2.65 0.00	54.40 3.42 0.00	48.12 2.87 0.00	47.53 3.04 0.00	55.37 3.34 0.00	54.45 3.49 0.00	82.79 6.06 0.00	144.97 10.21 0.00	86.09 5.91 0.00	67.06 4.88 0.00	85.23 6.12 0.00	83.23 5.92 0.00	65.82 4.55 0.00	56.15 3.77 0.00	55.54 3.45 0.00
WATERSIDE___6 8 9 23538	38.12 2.08 0.00	35.79 1.85 0.00	33.60 1.71 0.00	35.66 1.76 0.00	33.82 1.73 0.00	38.21 1.99 0.00	74.86 4.04 0.00	88.50 4.75 0.00	50.91 2.54 0.00	39.57 2.16 -0.85	54.23 3.24 0.00	48.28 3.02 0.00	47.49 2.99 0.00	55.54 3.51 0.00	54.41 3.46 0.00	81.64 4.92 0.00	143.29 8.54 0.00	85.18 5.00 0.00	65.64 3.47 0.00	83.39 4.28 0.00	81.39 4.09 0.00	64.57 3.30 0.00	55.22 2.84 0.00	54.68 2.58 0.00
WATKINRD_115KV_LN8_ILLION 55919	37.18 1.14 0.00	34.94 1.01 0.00	32.84 0.95 0.00	34.95 1.05 0.00	33.09 0.99 0.00	37.39 1.17 0.00	73.14 2.32 0.00	86.46 2.71 0.00	49.92 1.55 0.00	37.64 1.08 0.00	52.36 1.38 0.00	46.40 1.14 0.00	45.69 1.19 0.00	53.24 1.21 0.00	52.17 1.22 0.00	79.22 2.49 0.00	139.47 4.71 0.00	82.96 2.79 0.00	64.50 2.33 0.00	82.08 2.97 0.00	80.17 2.87 0.00	63.46 2.19 0.00	54.05 1.67 0.00	53.54 1.44 0.00

WDELAWARE___HYD 323627	37.50 1.46 0.00	35.19 1.25 0.00	33.05 1.16 0.00	35.14 1.24 0.00	33.28 1.18 0.00	37.67 1.45 0.00	74.29 3.48 0.00	89.51 5.77 0.00	51.45 3.08 0.00	38.87 2.31 0.00	54.40 3.42 0.00	48.28 3.03 0.00	47.22 2.73 0.00	55.18 3.15 0.00	54.20 3.25 0.00	81.69 4.96 0.00	143.19 8.44 0.00	85.20 5.03 0.00	65.88 3.70 0.00	83.72 4.61 0.00	81.75 4.45 0.00	64.74 3.47 0.00	55.27 2.88 0.00	54.67 2.57 0.00
WEST BABYLON___IC 23714	38.72 2.68 0.00	36.48 2.55 0.00	34.14 2.25 0.00	36.27 2.37 0.00	34.32 2.22 0.00	38.77 2.52 -0.04	78.27 5.06 -2.39	92.74 5.92 -3.08	52.46 2.93 -1.16	39.15 2.42 -0.17	55.54 4.55 0.00	49.60 4.09 -0.25	48.69 3.65 -0.55	57.58 4.52 -1.03	56.64 4.67 -1.01	85.21 6.23 -2.26	149.95 11.75 -3.44	89.78 7.08 -2.53	69.02 5.29 -1.56	89.29 6.84 -3.35	88.13 6.87 -3.96	68.64 5.12 -2.25	57.68 4.40 -0.90	56.19 4.04 -0.05
WEST CANADA___HYD 24049	36.22 0.17 0.00	34.09 0.15 0.00	32.06 0.16 0.00	34.08 0.17 0.00	32.26 0.16 0.00	36.38 0.17 0.00	71.06 0.24 0.00	84.00 0.25 0.00	48.54 0.17 0.00	36.72 0.16 0.00	51.19 0.20 0.00	45.44 0.18 0.00	44.68 0.19 0.00	52.24 0.21 0.00	51.17 0.22 0.00	77.16 0.43 0.00	135.43 0.68 0.00	80.57 0.39 0.00	62.48 0.30 0.00	79.43 0.33 0.00	77.67 0.37 0.00	61.58 0.30 0.00	52.60 0.21 0.00	52.27 0.16 0.00
WESTERN_NY_WIND 24143	35.11 -0.93 0.00	33.01 -0.92 0.00	30.99 -0.91 0.00	32.73 -1.18 0.00	30.99 -1.11 0.00	35.00 -1.21 0.00	68.96 -1.86 0.00	79.66 -2.66 1.42	47.32 -1.05 0.00	35.69 -0.87 0.00	49.81 -1.18 0.00	44.01 -0.96 0.29	43.18 -1.31 0.00	50.60 -1.43 0.00	45.51 -1.39 4.05	62.21 -2.80 11.72	113.96 -4.54 16.26	75.99 -1.96 2.23	60.72 -1.46 0.00	77.55 -1.54 0.02	74.23 -1.62 1.45	60.07 -1.21 0.00	52.36 -0.02 0.00	53.16 1.07 0.00
WESTOVER___LESR 323668	36.02 -0.02 0.00	33.89 -0.05 0.00	31.84 -0.06 0.00	33.81 -0.10 0.00	32.08 -0.02 0.00	36.28 0.06 0.00	71.01 0.18 0.00	83.98 0.55 0.33	48.75 0.38 0.00	36.83 0.27 0.00	51.40 0.42 0.00	45.36 0.30 0.20	44.83 0.34 0.00	52.44 0.41 0.00	49.49 0.54 1.99	72.28 0.83 5.28	128.83 1.38 7.30	80.07 0.90 1.01	62.88 0.70 0.00	80.00 0.91 0.01	77.45 0.81 0.66	61.95 0.67 0.00	53.05 0.66 0.00	52.84 0.74 0.00
WETHRSFD_WT_PWR 323626	33.27 -2.77 0.00	31.24 -2.70 0.00	29.31 -2.58 0.00	30.96 -2.95 0.00	29.43 -2.67 0.00	33.38 -2.84 0.00	65.40 -5.43 0.00	73.25 -7.61 2.88	44.34 -4.03 0.00	33.23 -3.33 0.00	46.23 -4.75 0.00	39.72 -4.46 1.07	40.11 -4.38 0.00	47.22 -4.82 0.00	35.98 -4.92 10.06	45.69 -7.55 23.49	90.03 -12.77 31.95	68.62 -7.11 4.44	56.71 -5.47 0.00	72.62 -6.45 0.03	67.84 -6.56 2.90	56.68 -4.59 0.00	49.62 -2.77 0.00	50.68 -1.42 0.00
WHAVSTOR_138KV_BK127 55557	37.91 1.87 0.00	35.60 1.67 0.00	33.43 1.54 0.00	35.51 1.61 0.00	33.64 1.54 0.00	38.02 1.80 0.00	74.56 3.74 0.00	88.04 4.30 0.00	50.50 2.13 0.00	38.25 1.69 0.00	53.59 2.61 0.00	47.68 2.43 0.00	47.01 2.51 0.00	55.03 3.00 0.00	53.93 2.98 0.00	81.08 4.36 0.00	142.23 7.47 0.00	84.58 4.41 0.00	65.28 3.10 0.00	82.97 3.86 0.00	81.02 3.72 0.00	64.27 3.00 0.00	54.94 2.55 0.00	54.39 2.29 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	37.91 1.87 0.00	35.60 1.67 0.00	33.43 1.54 0.00	35.51 1.61 0.00	33.64 1.54 0.00	38.02 1.80 0.00	74.56 3.74 0.00	88.04 4.30 0.00	50.50 2.13 0.00	38.25 1.69 0.00	53.59 2.61 0.00	47.68 2.43 0.00	47.01 2.51 0.00	55.03 3.00 0.00	53.93 2.98 0.00	81.08 4.36 0.00	142.23 7.47 0.00	84.58 4.41 0.00	65.28 3.10 0.00	82.97 3.86 0.00	81.02 3.72 0.00	64.27 3.00 0.00	54.94 2.55 0.00	54.39 2.29 0.00
WHITEHAL_115KV_TB1 80871	39.19 3.15 0.00	36.91 2.98 0.00	34.67 2.78 0.00	36.88 2.97 0.00	35.00 2.89 0.00	40.09 3.88 0.00	77.69 6.87 0.00	91.28 7.54 0.00	52.79 4.42 0.00	39.89 3.33 0.00	55.16 4.18 0.00	48.77 3.51 0.00	48.21 3.71 0.00	55.97 3.93 0.00	55.47 4.52 0.00	85.56 8.84 0.00	148.64 13.88 0.00	88.10 7.92 0.00	69.40 7.22 0.00	88.10 9.00 0.00	85.30 7.99 0.00	67.54 6.27 0.00	57.38 5.00 0.00	56.50 4.40 0.00
WHITEPLN_13_KV_LOAD 356215	38.32 2.28 0.00	35.96 2.02 0.00	33.77 1.88 0.00	35.87 1.96 0.00	33.98 1.88 0.00	38.42 2.21 0.00	75.40 4.58 0.00	89.11 5.37 0.00	51.17 2.80 0.00	38.83 2.26 0.00	54.43 3.45 0.00	48.42 3.17 0.00	47.65 3.15 0.00	55.74 3.71 0.00	54.64 3.69 0.00	82.15 5.43 0.00	144.29 9.53 0.00	85.86 5.68 0.00	66.25 4.07 0.00	84.19 5.08 0.00	82.15 4.85 0.00	65.09 3.81 0.00	55.59 3.21 0.00	55.03 2.93 0.00
WM_FLOYD_69_KV_BK2 356380	38.68 2.64 0.00	36.52 2.59 0.01	34.18 2.28 0.00	36.31 2.40 0.00	34.36 2.26 0.00	38.83 2.49 -0.13	84.16 4.69 -8.65	100.26 5.37 -11.14	55.08 2.52 -4.20	39.37 2.20 -0.60	55.34 4.36 0.00	48.51 3.91 0.66	46.45 3.37 1.41	59.23 4.35 -2.85	58.19 4.49 -2.75	90.60 5.73 -8.15	158.43 11.24 -12.43	96.28 6.96 -9.14	73.00 5.19 -5.62	96.65 6.58 -10.97	86.06 6.52 -2.23	68.23 4.85 -2.11	59.07 4.28 -2.40	55.99 3.93 0.04
WOODARD___115KV_TB2 355635	35.57 -0.47 0.00	33.53 -0.41 0.00	31.51 -0.38 0.00	33.47 -0.44 0.00	31.72 -0.38 0.00	35.79 -0.42 0.00	70.01 -0.81 0.00	82.74 -1.00 0.00	47.92 -0.46 0.00	36.20 -0.36 0.00	50.52 -0.46 0.00	44.79 -0.46 0.00	44.02 -0.47 0.00	51.51 -0.52 0.00	50.46 -0.48 0.00	75.93 -0.79 0.00	133.45 -1.30 0.00	79.43 -0.74 0.00	61.58 -0.60 0.00	78.25 -0.85 0.00	76.40 -0.90 0.00	60.52 -0.75 0.00	51.79 -0.59 0.00	51.52 -0.58 0.00
WOODMERE_69_KV_BK1 55827	38.57 2.51 -0.03	36.38 2.40 -0.04	34.04 2.12 -0.02	36.15 2.24 0.00	34.19 2.09 0.00	38.59 2.38 0.00	75.56 4.74 0.00	89.25 5.51 0.00	51.04 2.67 0.00	38.85 2.29 0.00	55.23 4.23 -0.03	57.21 3.94 -8.01	65.40 3.69 -17.22	60.89 4.39 -4.47	60.01 4.40 -4.65	82.62 5.86 -0.04	145.50 10.74 -0.01	86.73 6.56 0.00	66.96 4.78 0.00	90.91 6.07 -5.73	144.68 6.12 -61.25	96.41 4.62 -30.51	60.70 4.00 -4.31	57.13 3.81 -1.23
YORK___WARBASSE 23770	38.30 2.25 0.00	35.94 2.01 0.00	33.73 1.84 0.00	35.80 1.90 0.00	33.95 1.85 0.00	38.37 2.15 0.00	74.99 4.17 0.00	88.69 4.94 0.00	51.11 2.74 0.00	39.72 2.29 -0.87	54.41 3.43 0.00	48.47 3.21 0.00	47.67 3.17 0.00	55.74 3.70 0.00	54.58 3.63 0.00	81.84 5.11 0.00	143.62 8.86 0.00	85.47 5.29 0.00	65.88 3.70 0.00	83.68 4.58 0.00	81.72 4.41 0.00	64.87 3.59 0.00	55.51 3.12 0.00	54.94 2.85 0.00