

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/08/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	49.23	43.89	42.51	42.98	39.93	50.62	86.30	80.82	59.88	57.17	52.44	44.02	40.45	37.37	38.65	40.02	39.33	39.82	45.31	56.60	73.69	64.70	70.76	53.33
24138	2.26	1.90	1.93	1.91	1.93	2.59	4.48	4.63	3.74	3.51	3.18	2.64	2.61	2.49	2.44	2.59	2.57	2.56	3.03	3.80	4.69	3.64	3.63	2.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	49.24	43.94	42.55	43.01	39.96	50.64	86.34	80.86	59.88	57.14	52.41	43.99	40.42	37.35	38.65	40.01	39.32	39.79	45.31	56.63	73.72	64.76	70.85	53.39
24260	2.27	1.95	1.98	1.94	1.96	2.60	4.52	4.66	3.74	3.48	3.15	2.60	2.58	2.46	2.44	2.58	2.56	2.53	3.03	3.83	4.73	3.71	3.73	2.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	49.24	43.94	42.55	43.01	39.96	50.64	86.34	80.86	59.88	57.14	52.41	43.99	40.42	37.35	38.65	40.01	39.32	39.79	45.31	56.63	73.72	64.76	70.85	53.39
24261	2.27	1.95	1.98	1.94	1.96	2.60	4.52	4.66	3.74	3.48	3.15	2.60	2.58	2.46	2.44	2.58	2.56	2.53	3.03	3.83	4.73	3.71	3.73	2.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	49.10	43.99	42.56	43.03	39.82	50.56	86.54	80.42	59.03	56.28	51.68	43.44	39.60	36.39	37.72	39.06	38.74	39.75	45.24	56.46	73.62	64.82	70.95	53.13
24011	2.13	2.00	1.98	1.95	1.83	2.52	4.72	4.23	2.89	2.62	2.42	2.06	1.76	1.50	1.51	1.62	1.97	2.49	2.96	3.67	4.62	3.76	3.82	2.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	49.46	44.30	42.86	43.29	40.08	50.92	87.26	81.04	59.42	56.61	52.00	43.66	39.76	36.48	37.81	39.17	38.91	40.07	45.69	56.97	74.27	65.30	71.48	53.42
23798	2.50	2.31	2.28	2.22	2.09	2.88	5.43	4.85	3.28	2.95	2.73	2.28	1.92	1.59	1.60	1.74	2.15	2.81	3.41	4.17	5.28	4.24	4.35	2.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	49.10	43.99	42.56	43.03	39.82	50.56	86.54	80.42	59.03	56.28	51.68	43.44	39.60	36.39	37.72	39.06	38.74	39.75	45.24	56.46	73.62	64.82	70.95	53.13
24028	2.13	2.00	1.98	1.95	1.83	2.52	4.72	4.23	2.89	2.62	2.42	2.06	1.76	1.50	1.51	1.62	1.97	2.49	2.96	3.67	4.62	3.76	3.82	2.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	48.21	43.53	42.22	42.68	39.28	49.69	84.74	78.53	58.19	55.54	51.14	43.10	39.44	36.22	37.54	38.89	38.34	38.83	43.98	54.87	71.47	63.36	69.45	52.08
23527	1.24	1.54	1.65	1.61	1.28	1.65	2.92	2.34	2.05	1.88	1.88	1.72	1.60	1.33	1.33	1.46	1.57	1.57	1.70	2.07	2.48	2.30	2.33	1.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	46.82	42.01	40.73	41.20	38.19	48.16	81.96	76.22	56.30	53.74	49.48	41.69	38.20	35.22	36.56	37.88	37.22	37.75	42.70	53.29	69.43	61.31	67.18	50.56
24190	-0.15	0.02	0.15	0.13	0.19	0.12	0.14	0.02	0.16	0.08	0.22	0.31	0.36	0.34	0.35	0.45	0.45	0.49	0.42	0.49	0.43	0.25	0.05	-0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	47.42	42.31	40.78	41.24	38.01	47.86	81.27	75.73	55.61	53.18	48.96	41.26	37.65	34.62	35.79	36.85	36.20	36.68	41.59	50.91	66.71	60.12	66.32	50.23
355683	0.45	0.31	0.20	0.16	0.01	-0.17	-0.55	-0.46	-0.53	-0.48	-0.31	-0.13	-0.19	-0.26	-0.42	-0.59	-0.56	-0.58	-0.70	-1.06	-1.38	-0.93	-0.81	-0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.90	0.00	0.00	0.00
ALBANY_1_SOLAR	47.73	42.83	41.51	42.01	38.90	49.17	83.74	77.71	57.16	54.26	49.80	42.05	38.53	35.46	36.91	38.23	37.60	38.29	43.44	54.36	70.87	62.55	68.60	51.64
323833	0.76	0.84	0.93	0.94	0.90	1.14	1.91	1.52	1.02	0.60	0.54	0.67	0.69	0.58	0.70	0.80	0.84	1.03	1.15	1.56	1.88	1.50	1.47	0.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	47.73	42.82	41.50	42.01	38.88	49.15	83.73	77.69	57.13	54.25	49.80	42.05	38.53	35.45	36.91	38.23	37.60	38.28	43.42	54.34	70.86	62.52	68.58	51.63
323834	0.76	0.83	0.92	0.94	0.89	1.12	1.91	1.50	1.00	0.59	0.53	0.67	0.69	0.57	0.70	0.80	0.83	1.02	1.14	1.54	1.87	1.47	1.46	0.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	46.82	42.01	40.73	41.20	38.19	48.16	81.96	76.22	56.30	53.74	49.48	41.69	38.20	35.22	36.56	37.88	37.22	37.75	42.70	53.29	69.43	61.31	67.18	50.56
23571	-0.15	0.02	0.15	0.13	0.19	0.12	0.14	0.02	0.16	0.08	0.22	0.31	0.36	0.34	0.35	0.45	0.45	0.49	0.42	0.49	0.43	0.25	0.05	-0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	46.82 -0.15 0.00	42.01 0.02 0.00	40.73 0.15 0.00	41.20 0.13 0.00	38.19 0.19 0.00	48.16 0.12 0.00	81.96 0.14 0.00	76.22 0.02 0.00	56.30 0.16 0.00	53.74 0.08 0.00	49.48 0.22 0.00	41.69 0.31 0.00	38.20 0.36 0.00	35.22 0.34 0.00	36.56 0.35 0.00	37.88 0.45 0.00	37.22 0.45 0.00	37.75 0.49 0.00	42.70 0.42 0.00	53.29 0.49 0.00	69.43 0.43 0.00	61.31 0.25 0.00	67.18 0.05 0.00	50.56 -0.12 0.00
ALBANY___3 23573	46.82 -0.15 0.00	42.01 0.02 0.00	40.73 0.15 0.00	41.20 0.13 0.00	38.19 0.19 0.00	48.16 0.12 0.00	81.96 0.14 0.00	76.22 0.02 0.00	56.30 0.16 0.00	53.74 0.08 0.00	49.48 0.22 0.00	41.69 0.31 0.00	38.20 0.36 0.00	35.22 0.34 0.00	36.56 0.35 0.00	37.88 0.45 0.00	37.22 0.45 0.00	37.75 0.49 0.00	42.70 0.42 0.00	53.29 0.49 0.00	69.43 0.43 0.00	61.31 0.25 0.00	67.18 0.05 0.00	50.56 -0.12 0.00
ALBANY___4 23574	46.82 -0.15 0.00	42.01 0.02 0.00	40.73 0.15 0.00	41.20 0.13 0.00	38.19 0.19 0.00	48.16 0.12 0.00	81.96 0.14 0.00	76.22 0.02 0.00	56.30 0.16 0.00	53.74 0.08 0.00	49.48 0.22 0.00	41.69 0.31 0.00	38.20 0.36 0.00	35.22 0.34 0.00	36.56 0.35 0.00	37.88 0.45 0.00	37.22 0.45 0.00	37.75 0.49 0.00	42.70 0.42 0.00	53.29 0.49 0.00	69.43 0.43 0.00	61.31 0.25 0.00	67.18 0.05 0.00	50.56 -0.12 0.00
ALBANY___LFGE 323615	47.30 0.33 0.00	42.44 0.44 0.00	41.14 0.57 0.00	41.60 0.53 0.00	38.53 0.53 0.00	48.66 0.62 0.00	82.90 1.08 0.00	77.09 0.89 0.00	56.93 0.79 0.00	54.36 0.70 0.00	50.03 0.77 0.00	42.15 0.77 0.00	38.61 0.78 0.00	35.58 0.70 0.00	36.94 0.73 0.00	38.27 0.83 0.00	37.62 0.86 0.00	38.17 0.91 0.00	43.21 0.93 0.00	53.94 1.14 0.00	70.28 1.29 0.00	62.03 0.97 0.00	67.97 0.85 0.00	51.13 0.45 0.00
ALCOA_PA_115KV_PL-6C 55860	47.79 0.82 0.00	42.59 0.59 0.00	41.04 0.47 0.00	41.51 0.44 0.00	38.26 0.26 0.00	48.18 0.14 0.00	82.47 0.04 -0.61	77.14 0.07 -0.87	56.66 -0.17 -0.69	53.53 -0.13 0.00	49.27 0.00 0.00	41.52 0.14 0.00	37.87 0.04 0.00	34.99 -0.07 -0.18	36.89 -0.23 -0.91	39.10 -0.42 -2.09	38.47 -0.37 -2.07	38.98 -0.37 -2.09	44.14 -0.41 -2.27	53.68 -0.70 -1.58	66.95 -1.17 0.87	60.71 -0.34 0.00	67.00 -0.13 0.00	50.75 0.07 0.00
ALCOA_RYNLDS___DRP 24188	47.79 0.82 0.00	42.59 0.59 0.00	41.04 0.47 0.00	41.51 0.44 0.00	38.26 0.26 0.00	48.18 0.14 0.00	82.47 0.04 -0.61	77.14 0.07 -0.87	56.66 -0.17 -0.69	53.53 -0.13 0.00	49.27 0.00 0.00	41.52 0.14 0.00	37.87 0.04 0.00	34.99 -0.07 -0.18	36.89 -0.23 -0.91	39.10 -0.42 -2.09	38.47 -0.37 -2.07	38.98 -0.37 -2.09	44.14 -0.41 -2.27	53.68 -0.70 -1.58	66.95 -1.17 0.87	60.71 -0.34 0.00	67.00 -0.13 0.00	50.75 0.07 0.00
ALCOA___DSASP 323711	47.79 0.82 0.00	42.59 0.59 0.00	41.04 0.47 0.00	41.51 0.43 0.00	38.25 0.26 0.00	48.18 0.14 0.00	82.47 0.04 -0.61	77.14 0.07 -0.87	56.65 -0.18 -0.69	53.53 -0.14 0.00	49.27 0.00 0.00	41.52 0.14 0.00	37.87 0.04 0.00	34.99 -0.07 -0.18	36.88 -0.24 -0.91	39.10 -0.42 -2.09	38.46 -0.37 -2.07	38.98 -0.37 -2.09	44.13 -0.42 -2.27	53.68 -0.70 -1.58	66.95 -1.17 0.87	60.70 -0.35 0.00	67.00 -0.13 0.00	50.75 0.06 0.00
ALLEGHENY___COGEN 23514	82.17 -0.41 -35.61	76.16 -0.34 -34.50	74.38 -0.52 -34.33	75.26 -0.48 -34.66	72.58 -0.19 -34.77	87.82 0.28 -39.51	140.67 1.02 -57.83	133.37 1.22 -55.96	102.02 0.59 -45.29	97.22 0.23 -43.33	89.57 -0.16 -40.46	76.12 -0.46 -35.20	63.66 -0.56 -26.39	63.56 -0.72 -29.40	65.42 -0.81 -30.02	66.53 -1.14 -30.24	53.12 -0.72 -17.08	65.06 -0.72 -28.52	77.03 -0.79 -35.54	95.17 0.28 -42.09	114.39 1.38 -44.02	62.26 1.21 0.00	68.92 1.80 0.00	52.49 1.81 0.00
ALTAMONT_115KV_TB 2 55880	47.50 0.53 0.00	42.57 0.58 0.00	41.23 0.66 0.00	41.72 0.65 0.00	38.63 0.63 0.00	48.81 0.77 0.00	83.14 1.32 0.00	77.33 1.13 0.00	57.03 0.89 0.00	54.42 0.76 0.00	49.98 0.71 0.00	42.02 0.64 0.00	38.49 0.65 0.00	35.52 0.63 0.00	36.87 0.67 0.00	38.18 0.75 0.00	37.52 0.75 0.00	38.07 0.81 0.00	43.20 0.92 0.00	53.97 1.18 0.00	70.38 1.38 0.00	62.15 1.09 0.00	68.15 1.02 0.00	51.32 0.64 0.00
ALTONA_WT_PWR 323606	48.40 1.43 0.00	43.15 1.16 0.00	41.55 0.97 0.00	41.94 0.86 0.00	38.22 0.22 0.00	47.32 -0.72 0.00	63.02 -2.31 16.49	50.21 -2.28 23.71	35.79 -1.75 18.60	52.10 -1.56 0.00	48.18 -1.09 0.00	40.83 -0.55 0.00	37.32 -0.52 0.00	29.03 -1.01 4.84	10.19 -1.32 24.69	-20.87 -1.54 56.76	-20.90 -1.50 56.17	-20.89 -1.48 56.67	-20.91 -1.68 61.52	-15.05 -2.26 65.59	65.49 -2.60 0.90	59.11 -1.95 0.00	65.15 -1.97 0.00	49.34 -1.34 0.00
AMERICAN_REF_FUEL 24010	34.46 -3.70 8.81	30.00 -3.45 8.54	28.36 -3.72 8.50	28.82 -3.67 8.58	25.95 -3.44 8.61	34.39 -3.87 9.78	60.26 -7.24 14.32	55.27 -7.08 13.85	40.02 -4.97 11.15	39.39 -3.60 10.67	36.06 -3.24 9.96	29.98 -2.69 8.71	28.67 -2.66 6.51	25.20 -2.43 7.26	26.53 -2.25 7.43	27.29 -2.66 7.49	30.02 -2.51 4.23	27.29 -2.90 7.06	29.35 -4.13 8.80	37.36 -5.02 10.42	52.51 -5.59 10.90	56.55 -4.50 0.00	63.43 -3.69 0.00	48.66 -2.03 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	39.95 -2.37 4.64	35.25 -2.25 4.50	33.68 -2.42 4.48	34.23 -2.32 4.52	31.25 -2.22 4.53	40.98 -1.91 5.15	71.59 -2.69 7.54	65.73 -3.17 7.29	47.86 -2.39 5.89	46.73 -1.30 5.63	42.29 -1.72 5.26	34.97 -1.82 4.59	32.75 -1.70 3.39	29.28 -1.79 3.81	30.63 -1.66 3.91	31.41 -2.08 3.94	32.61 -1.92 2.23	31.35 -2.19 3.72	34.81 -2.83 4.64	44.38 -2.93 5.49	60.92 -2.33 5.74	60.21 -0.85 0.00	67.72 0.60 0.00	51.81 1.12 0.00
ARTHUR KILL_GT_1 23520	59.70 2.25 -10.48	56.03 1.94 -12.09	54.93 1.93 -12.42	54.82 1.90 -11.85	54.80 1.92 -14.88	56.97 2.53 -6.40	86.20 4.17 -0.21	83.00 4.33 -2.47	65.09 3.50 -5.45	63.99 3.25 -7.07	63.45 2.91 -11.28	60.60 2.43 -16.80	60.60 2.44 -20.32	60.44 2.33 -23.22	63.95 2.29 -25.45	63.34 2.38 -23.53	61.86 2.42 -22.68	68.30 2.37 -28.67	59.21 2.94 -13.99	94.41 3.72 -37.89	97.63 4.53 -24.10	97.63 3.61 -32.97	97.94 3.52 -27.30	79.10 2.55 -25.86
ARTHUR_KILL_2 23512	59.59 2.14 -10.48	55.92 1.84 -12.09	54.81 1.81 -12.42	54.71 1.79 -11.85	54.71 1.83 -14.88	56.84 2.40 -6.40	85.95 3.92 -0.21	82.77 4.10 -2.47	64.92 3.33 -5.45	63.84 3.11 -7.07	63.35 2.81 -11.28	60.52 2.34 -16.80	60.52 2.36 -20.32	60.37 2.27 -23.22	63.87 2.22 -25.45	63.26 2.30 -23.53	61.78 2.34 -22.68	68.20 2.27 -28.67	59.10 2.83 -13.99	94.25 3.56 -37.89	97.41 4.32 -24.10	97.43 3.41 -32.97	97.72 3.30 -27.30	78.94 2.39 -25.86
ARTHUR_KILL_3 23513	59.68 1.78 -10.94	55.67 1.52 -12.15	54.57 1.57 -12.42	54.44 1.53 -11.84	54.47 1.59 -14.88	56.58 2.15 -6.40	85.54 3.72 0.00	81.89 3.84 -1.85	64.62 3.04 -5.44	56.43 2.77 0.00	62.77 2.49 -11.02	60.24 2.08 -16.79	60.23 2.08 -20.31	60.10 2.00 -23.22	62.79 1.94 -24.64	60.40 2.09 -20.89	61.49 2.06 -22.67	67.98 2.06 -28.66	58.73 2.49 -13.96	93.85 3.17 -37.88	87.54 3.92 -14.63	97.00 2.99 -32.95	72.21 2.95 -2.13	68.38 2.16 -15.53

ARTHUR_KILL_COGEN 323718	59.70 2.25 -10.48	56.03 1.94 -12.09	54.93 1.93 -12.42	54.82 1.90 -11.85	54.80 1.92 -14.88	56.97 2.53 -6.40	86.20 4.17 -0.21	83.00 4.33 -2.47	65.09 3.50 -5.45	63.99 3.25 -7.07	63.45 2.91 -11.28	60.60 2.43 -16.80	60.60 2.44 -20.32	60.44 2.33 -23.22	63.95 2.29 -25.45	63.34 2.38 -23.53	61.86 2.42 -22.68	68.30 2.37 -28.67	59.21 2.94 -13.99	94.41 3.72 -37.89	97.63 4.53 -24.10	97.63 3.61 -32.97	97.94 3.52 -27.30	79.10 2.55 -25.86
ASHOKAN____ 23654	48.55 1.58 0.00	43.47 1.48 0.00	42.09 1.51 0.00	42.59 1.52 0.00	39.49 1.49 0.00	49.99 1.96 0.00	85.46 3.64 0.00	79.86 3.67 0.00	58.82 2.68 0.00	55.82 2.16 0.00	51.08 1.81 0.00	42.70 1.31 0.00	39.11 1.28 0.00	36.24 1.35 0.00	37.54 1.33 0.00	39.10 1.67 0.00	38.47 1.70 0.00	39.04 1.78 0.00	44.57 2.28 0.00	56.07 3.27 0.00	73.18 4.19 0.00	64.41 3.36 0.00	70.40 3.28 0.00	52.91 2.23 0.00
ASTORIA_EAST_ENERGY_CC1 323581	48.84 1.87 0.00	43.61 1.62 0.00	42.25 1.67 0.00	42.63 1.55 0.00	39.60 1.60 0.00	50.06 2.03 0.00	85.30 3.49 0.01	80.08 3.88 0.00	59.28 3.14 0.00	56.53 2.88 0.00	51.87 2.59 -0.01	43.52 2.13 -0.01	40.03 2.18 0.00	37.06 2.17 -0.01	38.30 2.09 0.00	39.67 2.24 0.01	33.25 2.16 5.67	39.36 2.11 0.01	44.80 2.53 0.01	57.37 3.23 -1.35	73.02 3.82 -0.21	63.96 2.91 0.00	70.13 3.00 0.00	52.83 2.15 0.00
ASTORIA_EAST_ENERGY_CC2 323582	48.84 1.87 0.00	43.61 1.62 0.00	42.25 1.67 0.00	42.63 1.55 0.00	39.60 1.60 0.00	50.06 2.03 0.00	85.30 3.49 0.01	80.08 3.88 0.00	59.28 3.14 0.00	56.53 2.88 0.00	51.87 2.59 -0.01	43.52 2.13 -0.01	40.02 2.18 0.00	37.06 2.17 -0.01	38.30 2.09 0.00	39.67 2.24 0.01	33.25 2.16 5.67	39.36 2.11 0.01	44.80 2.53 0.01	57.37 3.23 -1.35	73.02 3.82 -0.21	63.96 2.91 0.00	70.13 3.00 0.00	52.83 2.15 0.00
ASTORIA_GT2_1 24094	48.87 1.90 0.00	43.64 1.64 0.00	42.27 1.69 0.00	42.67 1.59 0.00	39.62 1.62 0.00	50.10 2.07 0.00	85.37 3.55 0.01	80.13 3.94 0.00	59.34 3.20 0.00	56.59 2.93 0.00	51.90 2.63 -0.01	43.57 2.18 -0.01	40.08 2.23 0.00	37.08 2.18 -0.01	38.36 2.15 0.00	39.70 2.27 0.01	33.30 2.20 5.67	39.38 2.13 0.01	44.85 2.57 0.00	57.43 3.28 -1.35	73.09 3.88 -0.21	64.01 2.95 0.00	70.18 3.05 0.00	52.88 2.19 0.00
ASTORIA_GT2_2 24095	48.87 1.90 0.00	43.64 1.64 0.00	42.27 1.69 0.00	42.67 1.59 0.00	39.62 1.62 0.00	50.10 2.07 0.00	85.37 3.55 0.01	80.13 3.94 0.00	59.34 3.20 0.00	56.59 2.93 0.00	51.90 2.63 -0.01	43.57 2.18 -0.01	40.08 2.23 0.00	37.08 2.18 -0.01	38.36 2.15 0.00	39.70 2.27 0.01	33.30 2.20 5.67	39.38 2.13 0.01	44.85 2.57 0.00	57.43 3.28 -1.35	73.09 3.88 -0.21	64.01 2.95 0.00	70.18 3.05 0.00	52.88 2.19 0.00
ASTORIA_GT2_3 24096	48.87 1.90 0.00	43.64 1.64 0.00	42.27 1.69 0.00	42.67 1.59 0.00	39.62 1.62 0.00	50.10 2.07 0.00	85.37 3.55 0.01	80.13 3.94 0.00	59.34 3.20 0.00	56.59 2.93 0.00	51.90 2.63 -0.01	43.57 2.18 -0.01	40.08 2.23 0.00	37.08 2.18 -0.01	38.36 2.15 0.00	39.70 2.27 0.01	33.30 2.20 5.67	39.38 2.13 0.01	44.85 2.57 0.00	57.43 3.28 -1.35	73.09 3.88 -0.21	64.01 2.95 0.00	70.18 3.05 0.00	52.88 2.19 0.00
ASTORIA_GT2_4 24097	48.87 1.90 0.00	43.64 1.64 0.00	42.27 1.69 0.00	42.67 1.59 0.00	39.62 1.62 0.00	50.10 2.07 0.00	85.37 3.55 0.01	80.13 3.94 0.00	59.34 3.20 0.00	56.59 2.93 0.00	51.90 2.63 -0.01	43.57 2.18 -0.01	40.08 2.23 0.00	37.08 2.18 -0.01	38.36 2.15 0.00	39.70 2.27 0.01	33.30 2.20 5.67	39.38 2.13 0.01	44.85 2.57 0.00	57.43 3.28 -1.35	73.09 3.88 -0.21	64.01 2.95 0.00	70.18 3.05 0.00	52.88 2.19 0.00
ASTORIA_GT3_1 24098	48.87 1.90 0.00	43.64 1.64 0.00	42.27 1.69 0.00	42.67 1.59 0.00	39.62 1.62 0.00	50.10 2.07 0.00	85.37 3.55 0.01	80.13 3.94 0.00	59.34 3.20 0.00	56.59 2.93 0.00	51.90 2.63 -0.01	43.57 2.18 -0.01	40.08 2.23 0.00	37.08 2.18 -0.01	38.36 2.15 0.00	39.70 2.27 0.01	33.30 2.20 5.67	39.38 2.13 0.01	44.85 2.57 0.00	57.43 3.28 -1.35	73.09 3.88 -0.21	64.01 2.95 0.00	70.18 3.05 0.00	52.88 2.19 0.00
ASTORIA_GT3_2 24099	48.87 1.90 0.00	43.64 1.64 0.00	42.27 1.69 0.00	42.67 1.59 0.00	39.62 1.62 0.00	50.10 2.07 0.00	85.37 3.55 0.01	80.13 3.94 0.00	59.34 3.20 0.00	56.59 2.93 0.00	51.90 2.63 -0.01	43.57 2.18 -0.01	40.08 2.23 0.00	37.08 2.18 -0.01	38.36 2.15 0.00	39.70 2.27 0.01	33.30 2.20 5.67	39.38 2.13 0.01	44.85 2.57 0.00	57.43 3.28 -1.35	73.09 3.88 -0.21	64.01 2.95 0.00	70.18 3.05 0.00	52.88 2.19 0.00
ASTORIA_GT3_3 24100	48.87 1.90 0.00	43.64 1.64 0.00	42.27 1.69 0.00	42.67 1.59 0.00	39.62 1.62 0.00	50.10 2.07 0.00	85.37 3.55 0.01	80.13 3.94 0.00	59.34 3.20 0.00	56.59 2.93 0.00	51.90 2.63 -0.01	43.57 2.18 -0.01	40.08 2.23 0.00	37.08 2.18 -0.01	38.36 2.15 0.00	39.70 2.27 0.01	33.30 2.20 5.67	39.38 2.13 0.01	44.85 2.57 0.00	57.43 3.28 -1.35	73.09 3.88 -0.21	64.01 2.95 0.00	70.18 3.05 0.00	52.88 2.19 0.00
ASTORIA_GT3_4 24101	48.87 1.90 0.00	43.64 1.64 0.00	42.27 1.69 0.00	42.67 1.59 0.00	39.62 1.62 0.00	50.10 2.07 0.00	85.37 3.55 0.01	80.13 3.94 0.00	59.34 3.20 0.00	56.59 2.93 0.00	51.90 2.63 -0.01	43.57 2.18 -0.01	40.08 2.23 0.00	37.08 2.18 -0.01	38.36 2.15 0.00	39.70 2.27 0.01	33.30 2.20 5.67	39.38 2.13 0.01	44.85 2.57 0.00	57.43 3.28 -1.35	73.09 3.88 -0.21	64.01 2.95 0.00	70.18 3.05 0.00	52.88 2.19 0.00
ASTORIA_GT4_1 24102	48.87 1.90 0.00	43.64 1.64 0.00	42.27 1.69 0.00	42.67 1.59 0.00	39.62 1.62 0.00	50.10 2.07 0.00	85.37 3.55 0.01	80.13 3.94 0.00	59.34 3.20 0.00	56.59 2.93 0.00	51.90 2.63 -0.01	43.57 2.18 -0.01	40.08 2.23 0.00	37.08 2.18 -0.01	38.36 2.15 0.00	39.70 2.27 0.01	33.30 2.20 5.67	39.38 2.13 0.01	44.85 2.57 0.00	57.43 3.28 -1.35	73.09 3.88 -0.21	64.01 2.95 0.00	70.18 3.05 0.00	52.88 2.19 0.00
ASTORIA_GT4_2 24103	48.87 1.90 0.00	43.64 1.64 0.00	42.27 1.69 0.00	42.67 1.59 0.00	39.62 1.62 0.00	50.10 2.07 0.00	85.37 3.55 0.01	80.13 3.94 0.00	59.34 3.20 0.00	56.59 2.93 0.00	51.90 2.63 -0.01	43.57 2.18 -0.01	40.08 2.23 0.00	37.08 2.18 -0.01	38.36 2.15 0.00	39.70 2.27 0.01	33.30 2.20 5.67	39.38 2.13 0.01	44.85 2.57 0.00	57.43 3.28 -1.35	73.09 3.88 -0.21	64.01 2.95 0.00	70.18 3.05 0.00	52.88 2.19 0.00
ASTORIA_GT4_3 24104	48.87 1.90 0.00	43.64 1.64 0.00	42.27 1.69 0.00	42.67 1.59 0.00	39.62 1.62 0.00	50.10 2.07 0.00	85.37 3.55 0.01	80.13 3.94 0.00	59.34 3.20 0.00	56.59 2.93 0.00	51.90 2.63 -0.01	43.57 2.18 -0.01	40.08 2.23 0.00	37.08 2.18 -0.01	38.36 2.15 0.00	39.70 2.27 0.01	33.30 2.20 5.67	39.38 2.13 0.01	44.85 2.57 0.00	57.43 3.28 -1.35	73.09 3.88 -0.21	64.01 2.95 0.00	70.18 3.05 0.00	52.88 2.19 0.00

ASTORIA_GT4_4 24105	48.87 1.90 0.00	43.64 1.64 0.00	42.27 1.69 0.00	42.67 1.59 0.00	39.62 1.62 0.00	50.10 2.07 0.00	85.37 3.55 0.01	80.13 3.94 0.00	59.34 3.20 0.00	56.59 2.93 0.00	51.90 2.63 -0.01	43.57 2.18 -0.01	40.08 2.23 0.00	37.08 2.18 -0.01	38.36 2.15 0.00	39.70 2.27 0.01	33.30 2.20 5.67	39.38 2.13 0.01	44.85 2.57 0.00	57.43 3.28 -1.35	73.09 3.88 -0.21	64.01 2.95 0.00	70.18 3.05 0.00	52.88 2.19 0.00
ASTORIA_GT_1 23523	48.93 1.95 0.00	43.70 1.71 0.00	42.32 1.74 0.00	42.71 1.63 0.00	39.67 1.67 0.00	50.17 2.13 0.00	85.47 3.66 0.01	80.26 4.07 0.00	59.41 3.27 0.00	56.67 3.02 0.00	51.98 2.71 -0.01	43.62 2.23 -0.01	40.11 2.26 0.00	37.13 2.24 -0.01	38.38 2.17 0.00	39.75 2.32 0.01	33.33 2.23 5.67	39.45 2.20 0.01	44.91 2.63 0.01	57.50 3.35 -1.35	73.20 4.00 -0.21	64.10 3.05 0.00	70.28 3.16 0.00	52.94 2.26 0.00
ASTORIA_GT_10 24110	49.12 2.15 0.00	43.83 1.84 0.00	42.45 1.87 0.00	42.90 1.83 0.00	39.87 1.88 0.00	50.48 2.44 0.00	85.90 4.08 0.00	80.46 4.26 0.00	59.62 3.48 0.00	56.88 3.22 0.00	52.57 2.95 -0.36	44.68 2.45 -0.85	41.31 2.45 -1.02	37.43 2.33 -0.21	39.89 2.31 -1.37	54.61 2.45 -14.73	40.24 2.42 -1.06	51.03 2.41 -11.35	45.57 2.87 -0.42	56.41 3.62 0.00	73.35 4.36 0.00	64.48 3.42 0.00	70.57 3.45 0.00	54.00 2.54 -0.78
ASTORIA_GT_11 24225	49.12 2.15 0.00	43.83 1.84 0.00	42.45 1.87 0.00	42.90 1.83 0.00	39.87 1.88 0.00	50.48 2.44 0.00	85.90 4.08 0.00	80.46 4.26 0.00	59.62 3.48 0.00	56.88 3.22 0.00	52.57 2.95 -0.36	44.68 2.45 -0.85	41.31 2.45 -1.02	37.43 2.33 -0.21	39.89 2.31 -1.37	54.61 2.45 -14.73	40.24 2.42 -1.06	51.03 2.41 -11.35	45.57 2.87 -0.42	56.41 3.62 0.00	73.35 4.36 0.00	64.48 3.42 0.00	70.57 3.45 0.00	54.00 2.54 -0.78
ASTORIA_GT_12 24226	49.12 2.15 0.00	43.83 1.84 0.00	42.45 1.87 0.00	42.90 1.83 0.00	39.87 1.88 0.00	50.48 2.44 0.00	85.90 4.08 0.00	80.46 4.26 0.00	59.62 3.48 0.00	56.88 3.22 0.00	52.57 2.95 -0.36	44.68 2.45 -0.85	41.31 2.45 -1.02	37.43 2.33 -0.21	39.89 2.31 -1.37	54.61 2.45 -14.73	40.24 2.42 -1.06	51.03 2.41 -11.35	45.57 2.87 -0.42	56.41 3.62 0.00	73.35 4.36 0.00	64.48 3.42 0.00	70.57 3.45 0.00	54.00 2.54 -0.78
ASTORIA_GT_13 24227	49.12 2.15 0.00	43.83 1.84 0.00	42.45 1.87 0.00	42.90 1.83 0.00	39.87 1.88 0.00	50.48 2.44 0.00	85.90 4.08 0.00	80.46 4.26 0.00	59.62 3.48 0.00	56.88 3.22 0.00	52.57 2.95 -0.36	44.68 2.45 -0.85	41.31 2.45 -1.02	37.43 2.33 -0.21	39.89 2.31 -1.37	54.61 2.45 -14.73	40.24 2.42 -1.06	51.03 2.41 -11.35	45.57 2.87 -0.42	56.41 3.62 0.00	73.35 4.36 0.00	64.48 3.42 0.00	70.57 3.45 0.00	54.00 2.54 -0.78
ASTORIA_GT_5 24106	48.94 1.97 0.00	43.70 1.70 0.00	42.33 1.76 0.00	42.71 1.64 0.00	39.68 1.68 0.00	50.17 2.13 0.00	85.50 3.68 0.01	80.26 4.07 0.00	59.43 3.29 0.00	56.70 3.04 0.00	51.99 2.72 -0.01	43.64 2.25 -0.01	40.14 2.30 0.00	37.12 2.23 -0.01	38.43 2.22 0.00	39.77 2.34 0.01	33.36 2.27 5.67	39.45 2.20 0.01	44.93 2.65 0.00	57.53 3.38 -1.35	73.21 4.00 -0.21	64.11 3.05 0.00	70.29 3.16 0.00	52.96 2.28 0.00
ASTORIA_GT_7 24107	48.94 1.97 0.00	43.70 1.70 0.00	42.33 1.76 0.00	42.71 1.64 0.00	39.68 1.68 0.00	50.17 2.13 0.00	85.50 3.68 0.01	80.26 4.07 0.00	59.43 3.29 0.00	56.70 3.04 0.00	51.99 2.72 -0.01	43.64 2.25 -0.01	40.14 2.30 0.00	37.12 2.23 -0.01	38.43 2.22 0.00	39.77 2.34 0.01	33.36 2.27 5.67	39.45 2.20 0.01	44.93 2.65 0.00	57.53 3.38 -1.35	73.21 4.00 -0.21	64.11 3.05 0.00	70.29 3.16 0.00	52.96 2.28 0.00
ASTORIA_GT_8 24108	48.94 1.97 0.00	43.70 1.70 0.00	42.33 1.76 0.00	42.71 1.64 0.00	39.68 1.68 0.00	50.17 2.13 0.00	85.50 3.68 0.01	80.26 4.07 0.00	59.43 3.29 0.00	56.70 3.04 0.00	51.99 2.72 -0.01	43.64 2.25 -0.01	40.14 2.30 0.00	37.12 2.23 -0.01	38.43 2.22 0.00	39.77 2.34 0.01	33.36 2.27 5.67	39.45 2.20 0.01	44.93 2.65 0.00	57.53 3.38 -1.35	73.21 4.00 -0.21	64.11 3.05 0.00	70.29 3.16 0.00	52.96 2.28 0.00
ASTORIA___2 24149	48.87 1.90 0.00	43.63 1.64 0.00	42.26 1.69 0.00	42.66 1.59 0.00	39.61 1.61 0.00	50.09 2.05 0.00	85.34 3.53 0.01	80.11 3.92 0.00	59.31 3.17 0.00	56.58 2.92 0.00	51.89 2.62 -0.01	43.55 2.16 -0.01	40.04 2.20 0.00	37.06 2.17 -0.01	38.31 2.10 0.00	39.68 2.25 0.01	33.27 2.18 5.67	39.37 2.12 0.01	44.84 2.56 0.01	57.41 3.26 -1.35	73.07 3.87 -0.21	64.00 2.94 0.00	70.18 3.05 0.00	52.86 2.18 0.00
ASTORIA___3 23516	49.11 2.14 0.00	43.83 1.84 0.00	42.44 1.87 0.00	42.89 1.82 0.00	39.86 1.87 0.00	50.47 2.44 0.00	85.88 4.06 0.00	80.43 4.24 0.00	59.60 3.46 0.00	56.87 3.21 0.00	52.57 2.94 -0.36	44.68 2.45 -0.85	41.29 2.43 -1.02	37.42 2.33 -0.21	39.87 2.28 -1.37	54.60 2.44 -14.73	40.23 2.41 -1.06	51.02 2.41 -11.35	45.56 2.85 -0.42	56.40 3.60 0.00	73.34 4.35 0.00	64.47 3.42 0.00	70.57 3.44 0.00	54.00 2.54 -0.78
ASTORIA___4 23517	49.12 2.15 0.00	43.83 1.84 0.00	42.45 1.87 0.00	42.90 1.83 0.00	39.87 1.88 0.00	50.48 2.44 0.00	85.90 4.08 0.00	80.45 4.26 0.00	59.62 3.48 0.00	56.88 3.22 0.00	52.57 2.95 -0.36	44.68 2.45 -0.85	41.30 2.44 -1.02	37.43 2.33 -0.21	39.89 2.31 -1.37	54.61 2.45 -14.73	40.24 2.42 -1.06	51.03 2.41 -11.35	45.57 2.87 -0.42	56.41 3.62 0.00	73.35 4.36 0.00	64.48 3.42 0.00	70.57 3.45 0.00	54.00 2.54 -0.78
ASTORIA___5 23518	49.11 2.14 0.00	43.83 1.84 0.00	42.44 1.87 0.00	42.89 1.82 0.00	39.86 1.87 0.00	50.47 2.44 0.00	85.88 4.06 0.00	80.43 4.24 0.00	59.60 3.46 0.00	56.87 3.21 0.00	52.57 2.94 -0.36	44.68 2.45 -0.85	41.29 2.43 -1.02	37.42 2.33 -0.21	39.87 2.28 -1.37	54.60 2.44 -14.73	40.23 2.41 -1.06	51.02 2.41 -11.35	45.56 2.85 -0.42	56.40 3.60 0.00	73.34 4.35 0.00	64.47 3.42 0.00	70.57 3.44 0.00	54.00 2.54 -0.78
AST_ENERGY_2_CC3 323677	48.91 1.94 0.00	43.63 1.64 0.00	42.27 1.69 0.00	42.72 1.65 0.00	39.69 1.69 0.00	50.28 2.25 0.00	85.70 3.88 0.00	80.23 4.04 0.00	59.36 3.22 0.00	56.63 2.98 0.00	51.94 2.67 0.00	43.61 2.22 0.00	40.08 2.24 0.00	37.03 2.15 0.00	38.26 2.05 0.00	39.61 2.17 0.00	38.94 2.17 0.00	39.43 2.17 0.00	44.91 2.63 0.00	56.16 3.36 0.00	73.12 4.13 0.00	64.24 3.18 0.00	70.29 3.16 0.00	52.98 2.30 0.00
AST_ENERGY_2_CC4 323678	48.91 1.94 0.00	43.63 1.64 0.00	42.27 1.69 0.00	42.72 1.65 0.00	39.69 1.69 0.00	50.28 2.25 0.00	85.70 3.88 0.00	80.23 4.04 0.00	59.36 3.22 0.00	56.63 2.98 0.00	51.94 2.67 0.00	43.61 2.22 0.00	40.08 2.24 0.00	37.03 2.15 0.00	38.26 2.05 0.00	39.61 2.17 0.00	38.94 2.17 0.00	39.43 2.17 0.00	44.91 2.63 0.00	56.16 3.36 0.00	73.12 4.13 0.00	64.24 3.18 0.00	70.29 3.16 0.00	52.98 2.30 0.00

ATHENS_STG_1 23668	47.68 0.71 0.00	42.73 0.74 0.00	41.39 0.81 0.00	41.91 0.84 0.00	38.83 0.83 0.00	49.00 0.96 0.00	83.37 1.54 0.00	77.51 1.32 0.00	57.19 1.05 0.00	54.55 0.89 0.00	50.05 0.78 0.00	42.04 0.66 0.00	38.54 0.70 0.00	35.69 0.81 0.00	37.10 0.89 0.00	38.45 1.02 0.00	37.69 0.93 0.00	38.18 0.92 0.00	43.35 1.06 0.00	54.13 1.33 0.00	70.53 1.54 0.00	62.24 1.19 0.00	68.26 1.13 0.00	51.45 0.76 0.00
ATHENS_STG_2 23670	47.68 0.71 0.00	42.73 0.74 0.00	41.39 0.81 0.00	41.91 0.84 0.00	38.83 0.83 0.00	49.00 0.96 0.00	83.37 1.54 0.00	77.51 1.32 0.00	57.19 1.05 0.00	54.55 0.89 0.00	50.05 0.78 0.00	42.04 0.66 0.00	38.54 0.70 0.00	35.69 0.81 0.00	37.10 0.89 0.00	38.45 1.02 0.00	37.69 0.93 0.00	38.18 0.92 0.00	43.35 1.06 0.00	54.13 1.33 0.00	70.53 1.54 0.00	62.24 1.19 0.00	68.26 1.13 0.00	51.45 0.76 0.00
ATHENS_STG_3 23677	47.68 0.71 0.00	42.73 0.74 0.00	41.39 0.81 0.00	41.91 0.84 0.00	38.83 0.83 0.00	49.00 0.96 0.00	83.37 1.54 0.00	77.51 1.32 0.00	57.19 1.05 0.00	54.55 0.89 0.00	50.05 0.78 0.00	42.04 0.66 0.00	38.54 0.70 0.00	35.69 0.81 0.00	37.10 0.89 0.00	38.45 1.02 0.00	37.69 0.93 0.00	38.18 0.92 0.00	43.35 1.06 0.00	54.13 1.33 0.00	70.53 1.54 0.00	62.24 1.19 0.00	68.26 1.13 0.00	51.45 0.76 0.00
AUBURN___LFGE 323710	47.25 0.28 0.00	42.19 0.19 0.00	40.75 0.17 0.00	41.28 0.21 0.00	38.27 0.27 0.00	48.61 0.57 0.00	82.93 1.11 0.00	77.17 0.98 0.00	57.04 0.89 0.00	54.64 0.99 0.00	50.09 0.82 0.00	41.88 0.50 0.00	38.20 0.36 0.00	35.16 0.27 0.00	36.60 0.39 0.00	37.82 0.38 0.00	37.06 0.30 0.00	37.61 0.35 0.00	42.70 0.42 0.00	53.54 0.74 0.00	70.19 1.20 0.00	62.00 0.94 0.00	68.16 1.04 0.00	51.56 0.87 0.00
BABYLON_RES_REC 323704	58.79 2.53 -9.30	44.53 2.03 -0.51	42.73 2.15 0.00	43.08 2.01 0.00	39.82 1.77 -0.05	49.95 1.91 0.00	83.82 2.00 0.00	78.60 2.40 0.00	58.53 2.39 0.00	55.56 1.90 0.00	50.94 1.68 0.00	42.80 1.42 0.00	39.33 1.50 0.00	36.60 1.71 0.00	37.93 1.72 0.00	40.08 1.94 -0.70	40.45 1.94 -1.74	40.09 1.76 -1.08	44.51 1.93 -0.29	60.88 2.46 -5.63	72.80 3.09 -0.72	67.80 2.60 -4.14	69.69 2.57 0.00	55.09 2.07 -2.33
BABYLON__69_KV_BK2 356345	59.00 2.93 -9.10	44.92 2.43 -0.50	43.07 2.50 0.00	43.40 2.33 0.00	40.27 2.22 -0.05	50.66 2.62 0.00	85.03 3.21 0.00	79.97 3.77 0.00	59.42 3.28 0.00	56.44 2.78 0.00	51.72 2.45 0.00	43.34 1.96 0.00	39.81 1.97 0.00	37.05 2.16 0.00	38.44 2.24 0.00	40.63 2.51 -0.69	41.01 2.55 -1.70	40.78 2.46 -1.06	45.38 2.81 -0.28	61.80 3.58 -5.42	74.13 4.45 -0.69	68.73 3.62 -4.06	70.82 3.69 0.00	55.78 2.81 -2.29
BALL_HILL_WT_PWR 323825	38.26 -1.93 6.78	33.57 -1.86 6.57	31.96 -2.08 6.53	32.44 -2.04 6.60	29.50 -1.88 6.62	38.78 -1.74 7.52	67.80 -3.01 11.01	62.43 -3.12 10.65	45.29 -2.24 8.60	44.26 -1.17 8.23	40.36 -1.23 7.69	33.36 -1.33 6.70	31.61 -1.26 4.97	28.02 -1.29 5.57	29.39 -1.11 5.71	30.19 -1.48 5.75	32.18 -1.34 3.25	30.15 -1.68 5.43	33.01 -2.51 6.76	42.02 -2.77 8.01	58.17 -2.44 8.38	59.48 -1.57 0.00	66.59 -0.54 0.00	50.98 0.30 0.00
BARON_WINDS___WT_PWR 323822	-39.02 -2.69 83.29	-40.97 -2.25 80.71	-42.08 -2.35 80.30	-42.37 -2.35 81.08	-45.26 -1.92 81.34	-46.58 -2.21 92.41	-56.93 -3.46 135.29	-57.66 -2.96 130.90	-52.19 -2.38 105.95	-49.84 -2.12 101.38	-47.43 -2.03 94.67	-43.07 -2.11 82.34	-25.73 -1.90 61.67	-35.80 -1.95 68.74	-36.04 -2.00 70.25	-35.59 -2.27 70.74	-5.30 -2.10 39.97	-31.67 -2.19 66.73	-43.31 -2.43 83.16	-48.43 -2.74 98.49	-37.13 -3.14 102.98	58.43 -2.62 0.01	65.04 -2.08 0.00	49.86 -0.82 0.00
BARRETT_IC_1 23704	134.60 2.09 -85.54	139.69 1.70 -96.00	129.83 1.86 -87.39	94.62 1.78 -51.77	157.64 1.83 -117.81	133.65 2.13 -83.47	84.63 2.80 -0.01	79.35 3.15 -0.01	58.96 2.76 -0.06	56.05 2.39 0.00	51.48 2.20 -0.01	58.42 1.90 -15.13	78.37 1.94 -38.59	78.37 2.07 -41.42	78.37 2.05 -40.11	76.86 2.26 -37.17	71.96 2.15 -33.04	50.02 1.97 -10.79	47.47 2.26 -2.93	143.16 2.81 -87.55	174.65 3.61 -102.05	189.87 2.82 -126.00	180.62 2.95 -110.55	145.70 2.28 -92.74
BARRETT_IC_10 23701	134.60 2.09 -85.54	139.69 1.70 -96.00	129.83 1.86 -87.39	94.62 1.78 -51.77	157.64 1.83 -117.81	133.65 2.13 -83.47	84.63 2.80 -0.01	79.34 3.15 0.00	58.92 2.76 -0.01	56.05 2.39 0.00	51.48 2.20 -0.01	58.42 1.90 -15.13	78.37 1.94 -38.59	78.37 2.07 -41.42	78.37 2.05 -40.11	76.86 2.26 -37.17	71.95 2.15 -33.04	42.85 1.97 -3.62	45.52 2.26 -0.97	36.21 2.81 19.40	92.90 3.61 -20.29	100.10 2.82 -36.23	99.30 2.95 -29.22	81.55 2.28 -28.59
BARRETT_IC_11 23702	134.60 2.09 -85.54	139.69 1.70 -96.00	129.83 1.86 -87.39	94.62 1.78 -51.77	157.64 1.83 -117.81	133.65 2.13 -83.47	84.63 2.80 -0.01	79.34 3.15 0.00	58.92 2.76 -0.01	56.05 2.39 0.00	51.48 2.20 -0.01	58.42 1.90 -15.13	78.37 1.94 -38.59	78.37 2.07 -41.42	78.37 2.05 -40.11	76.86 2.26 -37.17	71.95 2.15 -33.04	42.85 1.97 -3.62	45.52 2.26 -0.97	36.21 2.81 19.40	92.90 3.61 -20.29	100.10 2.82 -36.23	99.30 2.95 -29.22	81.55 2.28 -28.59
BARRETT_IC_12 23703	134.60 2.09 -85.54	139.69 1.70 -96.00	129.83 1.86 -87.39	94.62 1.78 -51.77	157.64 1.83 -117.81	133.65 2.13 -83.47	84.63 2.80 -0.01	79.34 3.15 0.00	58.92 2.76 -0.01	56.05 2.39 0.00	51.48 2.20 -0.01	58.42 1.90 -15.13	78.37 1.94 -38.59	78.37 2.07 -41.42	78.37 2.05 -40.11	76.86 2.26 -37.17	71.95 2.15 -33.04	42.85 1.97 -3.62	45.52 2.26 -0.97	36.21 2.81 19.40	92.90 3.61 -20.29	100.10 2.82 -36.23	99.30 2.95 -29.22	81.55 2.28 -28.59
BARRETT_IC_2 23705	134.60 2.09 -85.54	139.69 1.70 -96.00	129.83 1.86 -87.39	94.62 1.78 -51.77	157.64 1.83 -117.81	133.65 2.13 -83.47	84.63 2.80 -0.01	79.35 3.15 -0.01	58.96 2.76 -0.06	56.05 2.39 0.00	51.48 2.20 -0.01	58.42 1.90 -15.13	78.37 1.94 -38.59	78.37 2.07 -41.42	78.37 2.05 -40.11	76.86 2.26 -37.17	71.96 2.15 -33.04	50.02 1.97 -10.79	47.47 2.26 -2.93	143.16 2.81 -87.55	174.65 3.61 -102.05	189.87 2.82 -126.00	180.62 2.95 -110.55	145.70 2.28 -92.74
BARRETT_IC_3 23706	134.60 2.09 -85.54	139.69 1.70 -96.00	129.83 1.86 -87.39	94.62 1.78 -51.77	157.64 1.83 -117.81	133.65 2.13 -83.47	84.63 2.80 -0.01	79.35 3.15 -0.01	58.96 2.76 -0.06	56.05 2.39 0.00	51.48 2.20 -0.01	58.42 1.90 -15.13	78.37 1.94 -38.59	78.37 2.07 -41.42	78.37 2.05 -40.11	76.86 2.26 -37.17	71.96 2.15 -33.04	50.02 1.97 -10.79	47.47 2.26 -2.93	143.16 2.81 -87.55	174.65 3.61 -102.05	189.87 2.82 -126.00	180.62 2.95 -110.55	145.70 2.28 -92.74
BARRETT_IC_4 23707	134.60 2.09 -85.54	139.69 1.70 -96.00	129.83 1.86 -87.39	94.62 1.78 -51.77	157.64 1.83 -117.81	133.65 2.13 -83.47	84.63 2.80 -0.01	79.35 3.15 -0.01	58.96 2.76 -0.06	56.05 2.39 0.00	51.48 2.20 -0.01	58.42 1.90 -15.13	78.37 1.94 -38.59	78.37 2.07 -41.42	78.37 2.05 -40.11	76.86 2.26 -37.17	71.96 2.15 -33.04	50.02 1.97 -10.79	47.47 2.26 -2.93	143.16 2.81 -87.55	174.65 3.61 -102.05	189.87 2.82 -126.00	180.62 2.95 -110.55	145.70 2.28 -92.74

BARRETT_IC_5 23708	134.60 2.09 -85.54	139.69 1.70 -96.00	129.83 1.86 -87.39	94.62 1.78 -51.77	157.64 1.83 -117.81	133.65 2.13 -83.47	84.63 2.80 -0.01	79.35 3.15 -0.01	58.96 2.76 -0.06	56.05 2.39 0.00	51.48 2.20 -0.01	58.42 1.90 -15.13	78.37 1.94 -38.59	78.37 2.07 -41.42	78.37 2.05 -40.11	76.86 2.26 -37.17	71.96 2.15 -33.04	50.02 1.97 -10.79	47.47 2.26 -2.93	143.16 2.81 -87.55	174.65 3.61 -102.05	189.87 2.82 -126.00	180.62 2.95 -110.55	145.70 2.28 -92.74
BARRETT_IC_6 23709	134.60 2.09 -85.54	139.69 1.70 -96.00	129.83 1.86 -87.39	94.62 1.78 -51.77	157.64 1.83 -117.81	133.65 2.13 -83.47	84.63 2.80 -0.01	79.35 3.15 -0.01	58.96 2.76 -0.06	56.05 2.39 0.00	51.48 2.20 -0.01	58.42 1.90 -15.13	78.37 1.94 -38.59	78.37 2.07 -41.42	78.37 2.05 -40.11	76.86 2.26 -37.17	71.96 2.15 -33.04	50.02 1.97 -10.79	47.47 2.26 -2.93	143.16 2.81 -87.55	174.65 3.61 -102.05	189.87 2.82 -126.00	180.62 2.95 -110.55	145.70 2.28 -92.74
BARRETT_IC_7 23710	134.65 2.14 -85.54	139.84 1.85 -96.00	129.89 1.93 -87.39	94.66 1.82 -51.77	157.64 1.83 -117.81	133.67 2.16 -83.47	84.64 2.81 -0.01	79.35 3.15 -0.01	58.97 2.77 -0.06	56.06 2.40 0.00	51.52 2.24 -0.01	58.44 1.92 -15.13	78.38 1.95 -38.59	78.37 2.07 -41.42	78.39 2.07 -40.11	76.88 2.27 -37.17	71.97 2.17 -33.04	50.02 1.98 -10.79	47.48 2.27 -2.93	143.21 2.86 -87.55	174.67 3.63 -102.05	189.87 2.82 -126.00	180.62 2.95 -110.55	145.70 2.28 -92.74
BARRETT_IC_8 23711	134.60 2.09 -85.54	139.69 1.70 -96.00	129.83 1.86 -87.39	94.62 1.78 -51.77	157.64 1.83 -117.81	133.65 2.13 -83.47	84.63 2.80 -0.01	79.35 3.15 -0.01	58.96 2.76 -0.06	56.05 2.39 0.00	51.48 2.20 -0.01	58.42 1.90 -15.13	78.37 1.94 -38.59	78.37 2.07 -41.42	78.37 2.05 -40.11	76.86 2.26 -37.17	71.96 2.15 -33.04	50.02 1.97 -10.79	47.47 2.26 -2.93	143.16 2.81 -87.55	174.65 3.61 -102.05	189.87 2.82 -126.00	180.62 2.95 -110.55	145.70 2.28 -92.74
BARRETT_IC_9 23700	134.60 2.09 -85.54	139.69 1.70 -96.00	129.83 1.86 -87.39	94.62 1.78 -51.77	157.64 1.83 -117.81	133.65 2.13 -83.47	84.63 2.80 -0.01	79.34 3.15 0.00	58.92 2.76 -0.01	56.05 2.39 0.00	51.48 2.20 -0.01	58.42 1.90 -15.13	78.37 1.94 -38.59	78.37 2.07 -41.42	78.37 2.05 -40.11	76.86 2.26 -37.17	71.95 2.15 -33.04	42.85 1.97 -3.62	45.52 2.26 -0.97	36.21 2.81 19.40	92.90 3.61 -20.29	100.10 2.82 -36.23	99.30 2.95 -29.22	81.55 2.28 -28.59
BARRETT___1 23545	134.60 2.09 -85.54	139.69 1.70 -96.00	129.83 1.86 -87.39	94.62 1.78 -51.77	157.64 1.83 -117.81	133.65 2.13 -83.47	84.63 2.80 -0.01	79.35 3.15 -0.01	58.96 2.76 -0.06	56.05 2.39 0.00	51.48 2.20 -0.01	58.42 1.90 -15.13	78.37 1.94 -38.59	78.37 2.07 -41.42	78.37 2.05 -40.11	76.86 2.26 -37.17	71.96 2.15 -33.04	50.02 1.97 -10.79	47.47 2.26 -2.93	143.16 2.81 -87.55	174.65 3.61 -102.05	189.87 2.82 -126.00	180.62 2.95 -110.55	145.70 2.28 -92.74
BARRETT___2 23546	134.60 2.09 -85.54	139.69 1.70 -96.00	129.83 1.86 -87.39	94.62 1.78 -51.77	157.64 1.83 -117.81	133.65 2.13 -83.47	84.63 2.80 -0.01	79.34 3.15 0.00	58.92 2.76 -0.01	56.05 2.39 0.00	51.48 2.20 -0.01	58.42 1.90 -15.13	78.37 1.94 -38.59	78.37 2.07 -41.42	78.37 2.05 -40.11	76.86 2.26 -37.17	71.95 2.15 -33.04	42.85 1.97 -3.62	45.52 2.26 -0.97	36.21 2.81 19.40	92.90 3.61 -20.29	100.10 2.82 -36.23	99.30 2.95 -29.22	81.55 2.28 -28.59
BATAVIA__115KV_TB1 55881	38.38 -1.40 7.18	33.67 -1.36 6.96	31.99 -1.66 6.92	32.51 -1.57 6.99	29.56 -1.42 7.01	38.88 -1.19 7.97	67.97 -2.19 11.67	62.75 -2.15 11.29	45.76 -1.20 9.19	44.61 -0.26 8.79	40.72 -0.34 8.21	33.63 -0.65 7.11	31.49 -1.02 5.32	27.82 -1.15 5.91	28.72 -1.44 6.05	29.49 -1.85 6.10	31.71 -1.61 3.45	29.73 -1.78 5.75	32.76 -2.35 7.17	42.53 -1.78 8.49	58.95 -1.17 8.88	60.18 -0.88 0.00	67.02 -0.11 0.00	51.11 0.42 0.00
BAYONEEC___CTG1 323682	48.91 1.94 0.00	43.63 1.64 0.00	42.27 1.69 0.00	42.72 1.65 0.00	39.69 1.69 0.00	50.30 2.26 0.00	85.70 3.88 0.00	80.24 4.04 0.00	59.36 3.21 0.00	56.63 2.97 0.00	51.93 2.66 0.00	43.61 2.22 0.00	40.07 2.23 0.00	37.03 2.15 0.00	38.29 2.08 0.00	39.64 2.21 0.00	38.97 2.20 0.00	39.46 2.20 0.00	44.92 2.64 0.00	56.15 3.35 0.00	73.10 4.11 0.00	64.23 3.17 0.00	70.29 3.16 0.00	52.99 2.30 0.00
BAYONEEC___CTG10 323750	48.91 1.94 0.00	43.63 1.64 0.00	42.27 1.69 0.00	42.72 1.65 0.00	39.69 1.69 0.00	50.30 2.26 0.00	85.70 3.88 0.00	80.24 4.04 0.00	59.36 3.21 0.00	56.63 2.97 0.00	51.93 2.66 0.00	43.61 2.22 0.00	40.07 2.23 0.00	37.03 2.15 0.00	38.29 2.08 0.00	39.64 2.21 0.00	38.97 2.20 0.00	39.46 2.20 0.00	44.92 2.64 0.00	56.15 3.35 0.00	73.10 4.11 0.00	64.23 3.17 0.00	70.29 3.16 0.00	52.99 2.30 0.00
BAYONEEC___CTG2 323683	48.91 1.94 0.00	43.63 1.64 0.00	42.27 1.69 0.00	42.72 1.65 0.00	39.69 1.69 0.00	50.30 2.26 0.00	85.70 3.88 0.00	80.24 4.04 0.00	59.36 3.21 0.00	56.63 2.97 0.00	51.93 2.66 0.00	43.61 2.22 0.00	40.07 2.23 0.00	37.03 2.15 0.00	38.29 2.08 0.00	39.64 2.21 0.00	38.97 2.20 0.00	39.46 2.20 0.00	44.92 2.64 0.00	56.15 3.35 0.00	73.10 4.11 0.00	64.23 3.17 0.00	70.29 3.16 0.00	52.99 2.30 0.00
BAYONEEC___CTG3 323684	48.91 1.94 0.00	43.63 1.64 0.00	42.27 1.69 0.00	42.72 1.65 0.00	39.69 1.69 0.00	50.30 2.26 0.00	85.70 3.88 0.00	80.24 4.04 0.00	59.36 3.21 0.00	56.63 2.97 0.00	51.93 2.66 0.00	43.61 2.22 0.00	40.07 2.23 0.00	37.03 2.15 0.00	38.29 2.08 0.00	39.64 2.21 0.00	38.97 2.20 0.00	39.46 2.20 0.00	44.92 2.64 0.00	56.15 3.35 0.00	73.10 4.11 0.00	64.23 3.17 0.00	70.29 3.16 0.00	52.99 2.30 0.00
BAYONEEC___CTG4 323685	48.91 1.94 0.00	43.63 1.64 0.00	42.27 1.69 0.00	42.72 1.65 0.00	39.69 1.69 0.00	50.30 2.26 0.00	85.70 3.88 0.00	80.24 4.04 0.00	59.36 3.21 0.00	56.63 2.97 0.00	51.93 2.66 0.00	43.61 2.22 0.00	40.07 2.23 0.00	37.03 2.15 0.00	38.29 2.08 0.00	39.64 2.21 0.00	38.97 2.20 0.00	39.46 2.20 0.00	44.92 2.64 0.00	56.15 3.35 0.00	73.10 4.11 0.00	64.23 3.17 0.00	70.29 3.16 0.00	52.99 2.30 0.00
BAYONEEC___CTG5 323686	48.91 1.94 0.00	43.63 1.64 0.00	42.27 1.69 0.00	42.72 1.65 0.00	39.69 1.69 0.00	50.30 2.26 0.00	85.70 3.88 0.00	80.24 4.04 0.00	59.36 3.21 0.00	56.63 2.97 0.00	51.93 2.66 0.00	43.61 2.22 0.00	40.07 2.23 0.00	37.03 2.15 0.00	38.29 2.08 0.00	39.64 2.21 0.00	38.97 2.20 0.00	39.46 2.20 0.00	44.92 2.64 0.00	56.15 3.35 0.00	73.10 4.11 0.00	64.23 3.17 0.00	70.29 3.16 0.00	52.99 2.30 0.00
BAYONEEC___CTG6 323687	48.91 1.94 0.00	43.63 1.64 0.00	42.27 1.69 0.00	42.72 1.65 0.00	39.69 1.69 0.00	50.30 2.26 0.00	85.70 3.88 0.00	80.24 4.04 0.00	59.36 3.21 0.00	56.63 2.97 0.00	51.93 2.66 0.00	43.61 2.22 0.00	40.07 2.23 0.00	37.03 2.15 0.00	38.29 2.08 0.00	39.64 2.21 0.00	38.97 2.20 0.00	39.46 2.20 0.00	44.92 2.64 0.00	56.15 3.35 0.00	73.10 4.11 0.00	64.23 3.17 0.00	70.29 3.16 0.00	52.99 2.30 0.00

BAYONEEC___CTG7 323688	48.91 1.94 0.00	43.63 1.64 0.00	42.27 1.69 0.00	42.72 1.65 0.00	39.69 1.69 0.00	50.30 2.26 0.00	85.70 3.88 0.00	80.24 4.04 0.00	59.36 3.21 0.00	56.63 2.97 0.00	51.93 2.66 0.00	43.61 2.22 0.00	40.07 2.23 0.00	37.03 2.15 0.00	38.29 2.08 0.00	39.64 2.21 0.00	38.97 2.20 0.00	39.46 2.20 0.00	44.92 2.64 0.00	56.15 3.35 0.00	73.10 4.11 0.00	64.23 3.17 0.00	70.29 3.16 0.00	52.99 2.30 0.00
BAYONEEC___CTG8 323689	48.91 1.94 0.00	43.63 1.64 0.00	42.27 1.69 0.00	42.72 1.65 0.00	39.69 1.69 0.00	50.30 2.26 0.00	85.70 3.88 0.00	80.24 4.04 0.00	59.36 3.21 0.00	56.63 2.97 0.00	51.93 2.66 0.00	43.61 2.22 0.00	40.07 2.23 0.00	37.03 2.15 0.00	38.29 2.08 0.00	39.64 2.21 0.00	38.97 2.20 0.00	39.46 2.20 0.00	44.92 2.64 0.00	56.15 3.35 0.00	73.10 4.11 0.00	64.23 3.17 0.00	70.29 3.16 0.00	52.99 2.30 0.00
BAYONEEC___CTG9 323749	48.91 1.94 0.00	43.63 1.64 0.00	42.27 1.69 0.00	42.72 1.65 0.00	39.69 1.69 0.00	50.30 2.26 0.00	85.70 3.88 0.00	80.24 4.04 0.00	59.36 3.21 0.00	56.63 2.97 0.00	51.93 2.66 0.00	43.61 2.22 0.00	40.07 2.23 0.00	37.03 2.15 0.00	38.29 2.08 0.00	39.64 2.21 0.00	38.97 2.20 0.00	39.46 2.20 0.00	44.92 2.64 0.00	56.15 3.35 0.00	73.10 4.11 0.00	64.23 3.17 0.00	70.29 3.16 0.00	52.99 2.30 0.00
BEACON___LESR 323632	47.56 0.59 0.00	42.74 0.75 0.00	41.35 0.78 0.00	41.85 0.78 0.00	38.79 0.79 0.00	49.09 1.05 0.00	83.66 1.84 0.00	77.84 1.65 0.00	57.33 1.19 0.00	54.68 1.03 0.00	50.15 0.88 0.00	42.34 0.96 0.00	38.89 1.05 0.00	35.77 0.89 0.00	37.15 0.94 0.00	38.58 1.14 0.00	38.00 1.24 0.00	38.57 1.31 0.00	43.70 1.42 0.00	54.54 1.74 0.00	71.10 2.11 0.00	62.61 1.56 0.00	68.57 1.45 0.00	51.54 0.85 0.00
BEAVER RIVER___HYD 24048	45.90 -1.07 0.00	40.23 -1.76 0.00	38.89 -1.68 0.00	39.33 -1.74 0.00	36.40 -1.59 0.00	46.27 -1.76 0.00	81.59 -1.27 -1.04	76.11 -1.58 -1.49	55.57 -1.73 -1.17	52.04 -1.62 0.00	47.62 -1.65 0.00	39.82 -1.57 0.00	36.28 -1.56 0.00	33.65 -1.54 -0.30	36.08 -1.67 -1.54	39.09 -1.88 -3.54	38.81 -1.45 -3.50	39.75 -1.04 -3.53	45.72 -0.40 -3.84	56.52 -0.09 -3.82	68.04 -0.72 0.24	60.78 -0.28 0.00	67.12 0.00 0.00	50.18 -0.50 0.00
BEEBEE_GT_13 23619	45.92 -1.05 0.00	40.96 -1.03 0.00	39.38 -1.20 0.00	39.93 -1.15 0.00	36.94 -1.05 0.00	47.14 -0.90 0.00	80.32 -1.51 0.00	74.73 -1.47 0.00	55.29 -0.84 0.00	53.48 -0.18 0.00	49.10 -0.16 0.00	41.16 -0.22 0.00	37.45 -0.39 0.00	34.49 -0.39 0.00	35.85 -0.36 0.00	36.87 -0.56 0.00	36.36 -0.40 0.00	36.67 -0.59 0.00	41.24 -1.05 0.00	51.75 -1.05 0.00	68.32 -0.68 0.00	60.49 -0.57 0.00	66.92 -0.20 0.00	50.86 0.17 0.00
BENSHRST_27_KV_BENSHRST_1 355998	60.10 2.65 -10.48	56.36 2.28 -12.09	55.29 2.30 -12.42	55.17 2.25 -11.85	55.14 2.26 -14.88	57.42 2.97 -6.40	87.06 5.03 -0.21	83.87 5.21 -2.47	65.74 4.16 -5.45	64.60 3.87 -7.07	64.07 3.53 -11.28	61.10 2.92 -16.80	61.03 2.87 -20.32	60.85 2.74 -23.22	64.39 2.73 -25.45	91.68 2.85 -51.39	62.29 2.85 -22.68	91.80 2.83 -51.71	59.65 3.38 -13.99	94.97 4.28 -37.89	98.38 5.29 -24.10	98.23 4.22 -32.97	98.73 4.31 -27.30	85.82 3.14 -31.99
BETHLEHEM___GRP 23843	46.82 -0.15 0.00	42.01 0.02 0.00	40.73 0.15 0.00	41.20 0.13 0.00	38.19 0.19 0.00	48.16 0.12 0.00	81.96 0.14 0.00	76.22 0.02 0.00	56.30 0.16 0.00	53.74 0.08 0.00	49.48 0.22 0.00	41.69 0.31 0.00	38.20 0.36 0.00	35.22 0.34 0.00	36.56 0.35 0.00	37.88 0.45 0.00	37.22 0.45 0.00	37.75 0.49 0.00	42.70 0.42 0.00	53.29 0.49 0.00	69.43 0.43 0.00	61.31 0.25 0.00	67.18 0.05 0.00	50.56 -0.12 0.00
BETHLEHEM___GS1 323560	46.81 -0.16 0.00	42.00 0.01 0.00	40.73 0.15 0.00	41.19 0.11 0.00	38.18 0.18 0.00	48.16 0.12 0.00	81.94 0.12 0.00	76.20 0.01 0.00	56.29 0.15 0.00	53.73 0.07 0.00	49.47 0.20 0.00	41.68 0.30 0.00	38.20 0.36 0.00	35.22 0.33 0.00	36.56 0.35 0.00	37.88 0.44 0.00	37.21 0.45 0.00	37.74 0.48 0.00	42.69 0.41 0.00	53.28 0.49 0.00	69.42 0.43 0.00	61.30 0.24 0.00	67.18 0.05 0.00	50.56 -0.12 0.00
BETHLEHEM___GS2 323561	46.81 -0.16 0.00	42.00 0.01 0.00	40.73 0.15 0.00	41.19 0.11 0.00	38.18 0.18 0.00	48.16 0.12 0.00	81.94 0.12 0.00	76.20 0.01 0.00	56.29 0.15 0.00	53.73 0.07 0.00	49.47 0.20 0.00	41.68 0.30 0.00	38.20 0.36 0.00	35.22 0.33 0.00	36.56 0.35 0.00	37.88 0.44 0.00	37.21 0.45 0.00	37.74 0.48 0.00	42.69 0.41 0.00	53.28 0.49 0.00	69.42 0.43 0.00	61.30 0.24 0.00	67.18 0.05 0.00	50.56 -0.12 0.00
BETHLEHEM___GS3 323562	46.81 -0.16 0.00	42.00 0.01 0.00	40.73 0.15 0.00	41.19 0.11 0.00	38.18 0.18 0.00	48.16 0.12 0.00	81.94 0.12 0.00	76.20 0.01 0.00	56.29 0.15 0.00	53.73 0.07 0.00	49.47 0.20 0.00	41.68 0.30 0.00	38.20 0.36 0.00	35.22 0.33 0.00	36.56 0.35 0.00	37.88 0.44 0.00	37.21 0.45 0.00	37.74 0.48 0.00	42.69 0.41 0.00	53.28 0.49 0.00	69.42 0.43 0.00	61.30 0.24 0.00	67.18 0.05 0.00	50.56 -0.12 0.00
BETHLEHEM___STEEL 23779	37.83 -1.92 7.21	33.14 -1.86 6.99	31.48 -2.14 6.95	31.96 -2.09 7.02	28.97 -1.98 7.04	38.12 -1.92 8.00	66.45 -3.66 11.71	61.20 -3.67 11.33	44.41 -2.58 9.15	43.55 -1.35 8.76	39.84 -1.25 8.18	33.07 -1.18 7.13	31.37 -1.19 5.28	27.79 -1.16 5.93	29.12 -1.01 6.08	29.95 -1.36 6.13	32.10 -1.21 3.46	29.92 -1.56 5.78	32.51 -2.57 7.20	41.29 -2.98 8.53	57.36 -2.71 8.92	59.06 -2.00 0.00	66.06 -1.06 0.00	50.62 -0.06 0.00
BETHLHEM_115KV_TB1 79974	46.97 0.00 0.00	42.11 0.12 0.00	40.84 0.27 0.00	41.31 0.24 0.00	38.28 0.28 0.00	48.31 0.27 0.00	82.21 0.38 0.00	76.45 0.26 0.00	56.47 0.33 0.00	53.90 0.24 0.00	49.60 0.33 0.00	41.77 0.39 0.00	38.28 0.44 0.00	35.30 0.42 0.00	36.64 0.43 0.00	37.96 0.53 0.00	37.29 0.53 0.00	37.82 0.57 0.00	42.80 0.51 0.00	53.44 0.64 0.00	69.63 0.63 0.00	61.47 0.42 0.00	67.39 0.26 0.00	50.72 0.04 0.00
BETHPAGE_CC_5 323564	62.84 2.49 -13.38	48.95 2.05 -4.91	46.72 2.15 -3.99	45.47 2.03 -2.37	45.44 2.01 -5.44	54.21 2.36 -3.81	84.75 2.92 0.00	79.59 3.40 0.00	59.12 2.98 0.00	56.17 2.51 0.00	51.49 2.23 0.00	43.99 1.92 -0.69	41.62 2.02 -1.76	38.93 2.15 -1.89	40.21 2.17 -1.83	42.20 2.35 -2.41	42.36 2.32 -3.28	40.86 2.10 -1.50	45.12 2.44 -0.40	64.98 3.11 -9.07	77.37 3.95 -4.43	73.01 3.16 -8.80	74.27 3.17 -3.98	58.90 2.49 -5.72
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.51 -1.76 6.70	33.77 -1.73 6.49	32.12 -2.00 6.46	32.60 -1.95 6.52	29.62 -1.84 6.54	38.87 -1.74 7.43	67.58 -3.37 10.88	62.30 -3.37 10.52	45.26 -2.38 8.50	44.33 -1.20 8.13	40.57 -1.11 7.60	33.69 -1.07 6.62	31.84 -1.10 4.90	28.30 -1.08 5.51	29.63 -0.93 5.65	30.49 -1.26 5.69	32.43 -1.12 3.21	30.41 -1.48 5.37	33.15 -2.44 6.69	42.07 -2.81 7.92	58.23 -2.49 8.28	59.24 -1.82 0.00	66.24 -0.89 0.00	50.78 0.09 0.00

BINGHAMTON___COGEN 23790	47.11 0.14 0.00	42.08 0.08 0.00	40.62 0.05 0.00	41.15 0.08 0.00	38.16 0.16 0.00	48.43 0.39 0.00	82.68 0.86 0.00	77.06 0.86 0.00	56.72 0.58 0.00	54.37 0.71 0.00	49.83 0.57 0.00	41.60 0.21 0.00	38.09 0.25 0.00	35.05 0.17 0.00	36.50 0.29 0.00	37.70 0.27 0.00	36.99 0.23 0.00	37.37 0.11 0.00	42.36 0.08 0.00	53.09 0.29 0.00	69.65 0.66 0.00	61.54 0.49 0.00	67.82 0.70 0.00	51.32 0.63 0.00
BIXINCNT_115KV_LOAD 355685	41.51 -1.85 3.61	36.43 -2.07 3.49	35.04 -2.05 3.48	35.49 -2.07 3.51	32.63 -1.84 3.52	42.24 -1.80 4.00	72.13 -3.84 5.86	66.62 -3.91 5.67	48.70 -2.87 4.57	47.47 -1.82 4.37	43.38 -1.80 4.08	35.97 -1.85 3.56	33.49 -1.72 2.62	30.12 -1.81 2.96	31.41 -1.75 3.04	32.36 -2.01 3.06	33.14 -1.89 1.73	32.07 -2.30 2.89	35.53 -3.15 3.60	45.22 -3.32 4.27	61.69 -2.84 4.46	58.89 -2.16 0.00	66.33 -0.79 0.00	51.39 0.71 0.00
BLACK RIVER___HYD 24047	45.92 -1.05 0.00	40.19 -1.81 0.00	38.84 -1.74 0.00	39.36 -1.72 0.00	36.47 -1.53 0.00	46.48 -1.56 0.00	81.78 -0.77 -0.72	76.19 -1.05 -1.04	55.60 -1.36 -0.82	52.47 -1.19 0.00	47.92 -1.35 0.00	39.90 -1.48 0.00	36.18 -1.66 0.00	33.40 -1.69 -0.21	35.46 -1.81 -1.06	37.74 -2.13 -2.44	37.61 -1.58 -2.42	38.80 -0.90 -2.44	44.84 -0.09 -2.65	55.97 0.53 -2.64	69.21 0.37 0.16	61.51 0.46 0.00	67.83 0.71 0.00	50.66 -0.03 0.00
BLACKRVR_115KV_TB2 79977	45.91 -1.06 0.00	40.19 -1.81 0.00	38.83 -1.74 0.00	39.35 -1.72 0.00	36.47 -1.53 0.00	46.48 -1.56 0.00	81.78 -0.77 -0.72	76.18 -1.06 -1.04	55.60 -1.36 -0.82	52.46 -1.20 0.00	47.92 -1.35 0.00	39.90 -1.48 0.00	36.18 -1.66 0.00	33.40 -1.69 -0.21	35.46 -1.81 -1.06	37.74 -2.13 -2.44	37.60 -1.58 -2.42	38.80 -0.90 -2.44	44.84 -0.09 -2.65	55.96 0.53 -2.64	69.21 0.37 0.16	61.51 0.46 0.00	67.83 0.71 0.00	50.65 -0.04 0.00
BLISS_WT_PWR 323608	41.21 -2.16 3.61	36.09 -2.40 3.49	34.78 -2.32 3.48	35.20 -2.36 3.51	32.40 -2.07 3.52	41.92 -2.12 4.00	71.43 -4.53 5.86	65.97 -4.56 5.67	48.25 -3.32 4.57	47.01 -2.28 4.37	42.90 -2.28 4.08	35.55 -2.27 3.56	33.12 -2.10 2.62	29.75 -2.18 2.96	31.09 -2.08 3.04	32.02 -2.35 3.06	32.78 -2.25 1.73	31.69 -2.67 2.89	35.19 -3.49 3.60	44.86 -3.68 4.27	61.19 -3.34 4.46	58.48 -2.57 0.00	66.02 -1.11 0.00	51.32 0.64 0.00
BLUESTONE___WT_PWR 323821	48.58 1.61 0.00	42.82 0.83 0.00	40.90 0.32 0.00	40.51 -0.56 0.00	37.06 -0.94 0.00	48.20 0.16 0.00	83.04 1.22 0.00	75.98 -0.21 0.00	55.76 -0.38 0.00	53.20 -0.46 0.00	48.68 -0.59 0.00	40.47 -0.92 0.00	36.88 -0.96 0.00	33.80 -1.09 0.00	35.35 -0.86 0.00	36.72 -0.71 0.00	36.10 -0.66 0.00	36.44 -0.82 0.00	41.51 -0.51 0.00	52.28 -0.52 0.00	68.36 -0.64 0.00	60.19 -0.86 0.00	65.89 -1.24 0.00	49.73 -0.96 0.00
BLUE_CIRC_CHEM_DRP 24182	47.49 0.53 0.00	42.60 0.61 0.00	41.28 0.71 0.00	41.79 0.72 0.00	38.69 0.69 0.00	48.86 0.82 0.00	83.20 1.37 0.00	77.23 1.04 0.00	56.91 0.77 0.00	54.19 0.53 0.00	49.79 0.52 0.00	41.97 0.59 0.00	38.46 0.62 0.00	35.43 0.55 0.00	36.85 0.64 0.00	38.16 0.72 0.00	37.49 0.72 0.00	38.09 0.83 0.00	43.18 0.89 0.00	53.96 1.16 0.00	70.33 1.34 0.00	62.11 1.05 0.00	68.13 1.00 0.00	51.32 0.64 0.00
BOC_GAS_DRP 24189	47.31 0.34 0.00	42.43 0.43 0.00	41.09 0.52 0.00	41.59 0.52 0.00	38.50 0.51 0.00	48.63 0.59 0.00	82.77 0.94 0.00	76.97 0.78 0.00	56.84 0.70 0.00	54.24 0.59 0.00	49.85 0.58 0.00	41.93 0.55 0.00	38.42 0.58 0.00	35.45 0.57 0.00	36.82 0.61 0.00	38.14 0.71 0.00	37.43 0.66 0.00	37.95 0.69 0.00	43.03 0.75 0.00	53.72 0.92 0.00	70.04 1.05 0.00	61.85 0.80 0.00	67.85 0.72 0.00	51.11 0.43 0.00
BOONVILLE_115KV_TB1 79983	47.15 0.18 0.00	41.76 -0.23 0.00	40.37 -0.21 0.00	40.84 -0.23 0.00	37.82 -0.18 0.00	48.03 -0.02 0.00	83.30 1.07 -0.40	77.55 0.77 -0.58	56.87 0.27 -0.46	53.97 0.31 0.00	49.43 0.17 0.00	41.37 -0.02 0.00	37.77 -0.07 0.00	34.91 -0.09 -0.12	36.75 -0.06 -0.60	38.77 -0.05 -1.38	38.35 0.22 -1.37	39.04 0.40 -1.38	44.62 0.84 -1.50	55.62 1.28 -1.54	70.28 1.33 0.04	62.32 1.26 0.00	68.59 1.46 0.00	51.46 0.77 0.00
BORALEX_4TH_BRANCH 23824	48.21 1.24 0.00	43.53 1.54 0.00	42.22 1.65 0.00	42.69 1.62 0.00	39.29 1.30 0.00	49.69 1.65 0.00	84.75 2.93 0.00	78.55 2.35 0.00	58.19 2.05 0.00	55.56 1.90 0.00	51.15 1.88 0.00	43.10 1.72 0.00	39.44 1.60 0.00	36.22 1.34 0.00	37.54 1.33 0.00	38.89 1.46 0.00	38.34 1.57 0.00	38.83 1.57 0.00	43.98 1.70 0.00	54.87 2.07 0.00	71.48 2.49 0.00	63.36 2.30 0.00	69.45 2.33 0.00	52.09 1.40 0.00
BOWLINE___1 23526	48.33 1.37 0.00	43.21 1.22 0.00	41.86 1.28 0.00	42.30 1.23 0.00	39.27 1.28 0.00	49.81 1.77 0.00	84.86 3.03 0.00	79.41 3.21 0.00	58.64 2.50 0.00	55.89 2.23 0.00	51.16 1.90 0.00	42.93 1.55 0.00	39.40 1.56 0.00	36.40 1.52 0.00	37.74 1.54 0.00	39.10 1.66 0.00	38.33 1.57 0.00	38.77 1.51 0.00	44.14 1.86 0.00	55.20 2.40 0.00	71.87 2.87 0.00	63.27 2.22 0.00	69.22 2.10 0.00	52.24 1.55 0.00
BOWLINE___2 23595	48.33 1.37 0.00	43.21 1.22 0.00	41.86 1.28 0.00	42.31 1.24 0.00	39.27 1.28 0.00	49.81 1.77 0.00	84.86 3.03 0.00	79.41 3.22 0.00	58.64 2.50 0.00	55.89 2.23 0.00	51.16 1.90 0.00	42.93 1.55 0.00	39.40 1.57 0.00	36.40 1.52 0.00	37.74 1.54 0.00	39.10 1.67 0.00	38.36 1.59 0.00	38.82 1.56 0.00	44.20 1.91 0.00	55.29 2.49 0.00	71.99 3.00 0.00	63.36 2.31 0.00	69.35 2.22 0.00	52.30 1.61 0.00
BRADY___115KV_TB2 356060	48.08 1.11 0.00	42.82 0.83 0.00	41.27 0.69 0.00	41.74 0.67 0.00	38.47 0.47 0.00	48.49 0.45 0.00	83.85 0.70 -1.32	78.80 0.71 -1.90	57.84 0.20 -1.49	53.88 0.21 0.00	49.58 0.31 0.00	41.74 0.36 0.00	38.09 0.25 0.00	35.29 0.02 -0.39	37.97 -0.22 -1.98	41.53 -0.45 -4.54	40.91 -0.35 -4.49	41.52 -0.27 -4.54	47.06 -0.15 -4.92	56.95 -0.28 -4.43	67.54 -0.63 0.82	61.20 0.15 0.00	67.53 0.41 0.00	51.13 0.45 0.00
BRANSCOMB___SOLAR 323811	48.45 1.48 0.00	43.47 1.48 0.00	42.05 1.47 0.00	42.52 1.45 0.00	39.35 1.35 0.00	49.88 1.84 0.00	85.17 3.35 0.00	79.15 2.96 0.00	58.16 2.02 0.00	55.49 1.83 0.00	50.91 1.64 0.00	42.86 1.48 0.00	39.11 1.27 0.00	36.00 1.11 0.00	37.32 1.11 0.00	38.64 1.20 0.00	38.23 1.46 0.00	39.06 1.81 0.00	44.41 2.13 0.00	55.46 2.66 0.00	72.32 3.33 0.00	63.78 2.73 0.00	69.85 2.73 0.00	52.42 1.74 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	54.86 2.62 -5.27	40.72 2.17 3.45	39.25 2.25 3.57	41.03 2.07 2.12	35.23 2.01 4.77	46.91 2.29 3.41	84.35 2.53 0.00	79.32 3.12 0.00	58.92 2.79 0.00	56.13 2.47 0.00	51.50 2.24 0.00	42.50 1.74 0.62	37.96 1.70 1.58	35.13 1.95 1.69	36.56 1.99 1.64	38.94 2.36 0.86	39.43 2.38 -0.29	40.13 2.28 -0.59	45.04 2.60 -0.16	57.55 3.17 -1.58	69.29 3.70 3.41	62.95 2.98 1.09	65.87 3.12 4.38	51.62 2.41 1.47

BRISTLHL_115KV_TB1 79998	46.07 -0.90 0.00	41.15 -0.84 0.00	39.73 -0.84 0.00	40.24 -0.83 0.00	37.28 -0.71 0.00	47.33 -0.71 0.00	80.83 -0.99 0.00	75.31 -0.88 0.00	55.51 -0.63 0.00	53.15 -0.51 0.00	48.71 -0.56 0.00	40.80 -0.58 0.00	37.25 -0.59 0.00	34.37 -0.51 0.00	35.69 -0.52 0.00	36.94 -0.49 0.00	36.32 -0.44 0.00	36.85 -0.41 0.00	41.82 -0.47 0.00	52.29 -0.51 0.00	68.44 -0.55 0.00	60.40 -0.65 0.00	66.39 -0.74 0.00	50.13 -0.56 0.00
BROOKHAVEN___DRP 24191	53.21 2.11 -4.14	38.97 1.59 4.62	37.69 1.75 4.64	39.79 1.47 2.75	33.24 1.45 6.21	45.37 1.76 4.43	83.21 1.39 0.00	78.27 2.07 0.00	58.30 2.17 0.00	55.59 1.93 0.00	51.01 1.74 0.00	41.77 1.20 0.80	37.14 1.34 2.05	34.36 1.67 2.20	35.75 1.67 2.13	38.09 1.98 1.32	38.66 2.02 0.13	39.78 2.05 -0.47	44.51 2.11 -0.12	55.49 2.20 -0.49	67.12 2.65 4.52	60.50 1.93 2.48	63.40 1.84 5.56	49.65 1.45 2.48
BROOKLYN_NAVY_YARD 23515	48.77 1.80 0.00	43.51 1.52 0.00	42.14 1.57 0.00	42.59 1.52 0.00	39.56 1.56 0.00	50.13 2.09 0.00	85.51 3.69 0.00	80.03 3.83 0.00	59.23 3.09 0.00	56.50 2.84 0.00	51.87 2.60 0.00	43.55 2.17 0.00	40.03 2.19 0.00	37.00 2.11 0.00	38.16 1.96 0.01	39.51 2.09 0.02	33.17 2.08 5.67	39.32 2.07 0.02	44.76 2.49 0.02	57.05 3.17 -1.07	73.05 3.90 -0.16	64.01 2.96 0.01	70.06 2.94 0.01	52.83 2.15 0.01
BROOKLYN___ARMY_DRP 323595	59.87 2.42 -10.48	56.17 2.09 -12.09	55.11 2.11 -12.42	54.99 2.07 -11.85	54.97 2.09 -14.88	57.18 2.74 -6.40	86.65 4.62 -0.21	83.46 4.79 -2.47	65.43 3.84 -5.45	64.30 3.57 -7.07	63.79 3.24 -11.28	60.86 2.68 -16.80	60.81 2.65 -20.32	60.64 2.53 -23.22	64.18 2.52 -25.45	91.45 2.63 -51.39	62.08 2.63 -22.68	91.58 2.60 -51.71	59.39 3.12 -13.99	94.62 3.93 -37.89	97.90 4.81 -24.10	97.86 3.83 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
BROOKVLE_69_KV_TB1 55790	72.49 2.49 -23.03	56.58 2.19 -12.39	53.45 2.22 -10.65	49.52 2.14 -6.31	54.56 2.13 -14.43	60.87 2.66 -10.17	85.81 3.99 0.00	80.51 4.31 0.00	59.71 3.57 -0.01	56.80 3.14 0.00	52.06 2.79 0.00	45.60 2.38 -1.84	44.92 2.38 -4.70	42.35 2.42 -5.05	43.52 2.43 -4.89	45.52 2.61 -5.48	45.71 2.56 -6.39	42.32 2.44 -2.62	45.81 2.83 -0.70	75.08 3.66 -18.62	85.62 4.67 -11.96	83.69 3.71 -18.92	82.48 3.74 -11.61	66.46 2.79 -12.99
BROOME_2_LFGE 323671	47.11 0.14 0.00	42.08 0.08 0.00	40.62 0.05 0.00	41.15 0.08 0.00	38.16 0.16 0.00	48.43 0.39 0.00	82.68 0.86 0.00	77.04 0.85 0.00	56.71 0.57 0.00	54.37 0.71 0.00	49.83 0.56 0.00	41.60 0.21 0.00	38.09 0.25 0.00	35.06 0.17 0.00	36.50 0.29 0.00	37.70 0.27 0.00	37.00 0.23 0.00	37.37 0.11 0.00	42.36 0.08 0.00	53.09 0.29 0.00	69.65 0.66 0.00	61.55 0.50 0.00	67.82 0.70 0.00	51.33 0.64 0.00
BROOME___LFGE 323600	47.11 0.14 0.00	42.08 0.08 0.00	40.62 0.05 0.00	41.15 0.08 0.00	38.16 0.16 0.00	48.43 0.39 0.00	82.68 0.86 0.00	77.04 0.85 0.00	56.71 0.57 0.00	54.37 0.71 0.00	49.83 0.56 0.00	41.60 0.21 0.00	38.09 0.25 0.00	35.06 0.17 0.00	36.50 0.29 0.00	37.70 0.27 0.00	37.00 0.23 0.00	37.37 0.11 0.00	42.36 0.08 0.00	53.09 0.29 0.00	69.65 0.66 0.00	61.55 0.50 0.00	67.82 0.70 0.00	51.33 0.64 0.00
BROWNFLS_115KV_TB_3_5 80003	45.91 -1.06 0.00	40.47 -1.53 0.00	39.06 -1.52 0.00	39.50 -1.57 0.00	36.46 -1.53 0.00	46.15 -1.89 0.00	81.44 -2.23 -1.85	76.59 -2.27 -2.66	56.09 -2.14 -2.09	51.63 -2.03 0.00	47.38 -1.89 0.00	39.75 -1.63 0.00	36.22 -1.62 0.00	33.80 -1.62 -0.54	37.17 -1.80 -2.76	41.74 -2.05 -6.35	41.31 -1.75 -6.29	42.12 -1.48 -6.34	48.01 -1.16 -6.89	58.35 -1.27 -6.82	66.34 -2.18 0.47	59.65 -1.41 0.00	65.83 -1.29 0.00	49.46 -1.22 0.00
BROWNSV1_27_KV_LOAD 356125	49.43 2.46 0.00	44.04 2.05 0.00	42.63 2.06 0.00	43.09 2.01 0.00	40.03 2.03 0.00	50.75 2.71 0.00	86.56 4.73 0.00	81.04 4.85 0.00	60.00 3.86 0.00	57.24 3.58 0.00	52.49 3.23 0.00	44.06 2.68 0.00	40.48 2.65 0.00	37.40 2.52 0.00	38.69 2.48 0.00	40.05 2.62 0.00	39.38 2.61 0.00	39.86 2.61 0.00	45.39 3.11 0.00	56.77 3.97 0.00	73.95 4.96 0.00	64.96 3.91 0.00	71.07 3.94 0.00	53.54 2.86 0.00
BURROWS___LYONSDAL 23803	46.75 -0.22 0.00	41.26 -0.73 0.00	39.90 -0.68 0.00	40.35 -0.72 0.00	37.35 -0.64 0.00	47.46 -0.58 0.00	82.72 0.37 -0.53	76.98 0.02 -0.76	56.37 -0.37 -0.60	53.33 -0.33 0.00	48.84 -0.43 0.00	40.86 -0.53 0.00	37.31 -0.53 0.00	34.52 -0.52 -0.15	36.46 -0.53 -0.79	38.68 -0.57 -1.81	38.30 -0.25 -1.79	39.05 -0.01 -1.80	44.73 0.49 -1.96	55.68 0.89 -1.98	69.61 0.70 0.08	61.86 0.81 0.00	68.19 1.06 0.00	51.08 0.40 0.00
CAITHNESS_CC_1 323624	53.15 2.07 -4.11	38.84 1.50 4.65	37.61 1.70 4.66	39.75 1.45 2.76	33.22 1.47 6.24	45.30 1.72 4.46	83.25 1.43 0.00	78.27 2.07 0.00	58.23 2.09 0.00	55.53 1.87 0.00	50.93 1.66 0.00	41.75 1.18 0.80	37.13 1.35 2.06	34.34 1.67 2.21	35.71 1.64 2.14	38.06 1.96 1.33	38.62 1.99 0.14	39.72 2.00 -0.46	44.47 2.07 -0.12	55.46 2.20 -0.47	67.12 2.68 4.55	60.51 1.98 2.52	63.46 1.92 5.59	49.68 1.50 2.51
CALPINE BETH_PAGE_GT4 24209	66.19 2.46 -16.76	52.46 2.12 -8.35	49.86 2.17 -7.11	47.32 2.04 -4.21	49.64 2.00 -9.64	57.18 2.35 -6.80	84.65 2.82 0.00	79.49 3.29 0.00	59.03 2.89 -0.01	56.08 2.42 0.00	51.43 2.16 0.00	44.48 1.87 -1.23	43.02 2.03 -3.14	40.41 2.16 -3.37	41.65 2.18 -3.26	43.51 2.32 -3.76	43.56 2.28 -4.52	41.13 2.00 -1.88	45.12 2.33 -0.51	68.01 3.02 -12.19	80.39 3.78 -7.61	76.87 3.00 -12.82	77.47 2.99 -7.36	61.79 2.43 -8.67
CALPINE_BETH_PAGE_GT_4 323586	66.18 2.45 -16.76	52.37 2.02 -8.35	49.82 2.13 -7.11	47.28 2.00 -4.21	49.64 2.00 -9.64	57.16 2.33 -6.80	84.64 2.81 0.00	79.47 3.28 0.00	59.01 2.87 -0.01	56.07 2.41 0.00	51.40 2.13 0.00	44.47 1.85 -1.23	43.00 2.02 -3.14	40.41 2.15 -3.37	41.63 2.16 -3.26	43.50 2.30 -3.76	43.55 2.27 -4.52	41.12 1.99 -1.88	45.10 2.32 -0.51	67.97 2.98 -12.19	80.38 3.77 -7.61	76.85 2.98 -12.82	77.48 3.00 -7.36	61.78 2.42 -8.67
CALPINE_BP_GT1 23823	66.18 2.45 -16.76	52.37 2.02 -8.35	49.82 2.13 -7.11	47.28 2.00 -4.21	49.64 2.00 -9.64	57.16 2.33 -6.80	84.64 2.81 0.00	79.47 3.28 0.00	59.01 2.87 -0.01	56.07 2.41 0.00	51.40 2.13 0.00	44.47 1.85 -1.23	43.00 2.02 -3.14	40.41 2.15 -3.37	41.63 2.16 -3.26	43.50 2.30 -3.76	43.55 2.27 -4.52	41.12 1.99 -1.88	45.10 2.32 -0.51	67.97 2.98 -12.19	80.38 3.77 -7.61	76.85 2.98 -12.82	77.48 3.00 -7.36	61.78 2.42 -8.67
CALSPAN___DRP 24200	37.83 -1.92 7.21	33.14 -1.86 6.99	31.48 -2.14 6.95	31.96 -2.09 7.02	28.97 -1.98 7.04	38.12 -1.92 8.00	66.45 -3.66 11.71	61.20 -3.67 11.33	44.41 -2.58 9.15	43.55 -1.35 8.76	39.84 -1.25 8.18	33.07 -1.18 7.13	31.37 -1.19 5.28	27.79 -1.16 5.93	29.12 -1.01 6.08	29.95 -1.36 6.13	32.10 -1.21 3.46	29.92 -1.56 5.78	32.51 -2.57 7.20	41.29 -2.98 8.53	57.36 -2.71 8.92	59.06 -2.00 0.00	66.06 -1.06 0.00	50.62 -0.06 0.00

CALVERTON___SOLAR 323806	53.29 2.18 -4.14	38.91 1.53 4.61	37.68 1.74 4.63	39.78 1.45 2.74	33.27 1.47 6.20	45.43 1.82 4.42	83.29 1.47 0.00	78.36 2.17 0.00	58.39 2.25 0.00	55.70 2.04 0.00	51.04 1.78 0.00	41.77 1.19 0.80	37.15 1.36 2.04	34.40 1.70 2.19	35.76 1.68 2.12	38.11 1.99 1.31	38.71 2.06 0.12	39.84 2.12 -0.47	44.52 2.12 -0.12	55.42 2.12 -0.50	67.07 2.60 4.52	60.48 1.89 2.47	63.35 1.78 5.55	49.60 1.39 2.48
CANDIGU_WT_PWR 323617	-39.02 -2.69 83.29	-40.97 -2.25 80.71	-42.08 -2.35 80.30	-42.37 -2.35 81.08	-45.26 -1.92 81.34	-46.58 -2.21 92.41	-56.93 -3.46 135.29	-57.66 -2.96 130.90	-52.19 -2.38 105.95	-49.84 -2.12 101.38	-47.43 -2.03 94.67	-43.07 -2.11 82.34	-25.73 -1.90 61.67	-35.80 -1.95 68.74	-36.04 -2.00 70.25	-35.59 -2.27 70.74	-5.30 -2.10 39.97	-31.67 -2.19 66.73	-43.31 -2.43 83.16	-48.43 -2.74 98.49	-37.13 -3.14 102.98	58.43 -2.62 0.01	65.04 -2.08 0.00	49.86 -0.82 0.00
CARR STREET_E_SYR 24060	46.55 -0.41 0.00	41.58 -0.41 0.00	40.16 -0.42 0.00	40.68 -0.39 0.00	37.70 -0.30 0.00	47.85 -0.19 0.00	81.69 -0.13 0.00	76.12 -0.07 0.00	56.15 0.01 0.00	53.80 0.14 0.00	49.32 0.05 0.00	41.32 -0.06 0.00	37.74 -0.10 0.00	34.78 -0.10 0.00	36.19 -0.01 0.00	37.41 -0.03 0.00	36.75 -0.01 0.00	37.21 -0.05 0.00	42.19 -0.09 0.00	52.78 -0.02 0.00	69.13 0.13 0.00	61.02 -0.03 0.00	67.11 -0.02 0.00	50.69 0.01 0.00
CARTHAGE___PAPER 23857	46.25 -0.72 0.00	40.52 -1.47 0.00	39.16 -1.42 0.00	39.64 -1.43 0.00	36.70 -1.30 0.00	46.71 -1.33 0.00	82.21 -0.45 -0.84	76.61 -0.80 -1.21	55.90 -1.20 -0.95	52.58 -1.08 0.00	48.08 -1.19 0.00	40.11 -1.27 0.00	36.45 -1.39 0.00	33.70 -1.43 -0.24	35.88 -1.57 -1.25	38.48 -1.82 -2.87	38.28 -1.32 -2.84	39.37 -0.75 -2.86	45.42 0.03 -3.11	56.43 0.54 -3.09	69.01 0.21 0.19	61.51 0.46 0.00	67.88 0.76 0.00	50.74 0.05 0.00
CASSADAGA_WT_PWR 323784	40.77 -2.04 4.16	36.04 -1.93 4.03	34.41 -2.16 4.01	34.98 -2.05 4.05	31.98 -1.96 4.06	41.88 -1.55 4.61	73.32 -1.75 6.75	67.28 -2.39 6.53	49.00 -1.87 5.27	47.79 -0.83 5.04	43.09 -1.46 4.71	35.68 -1.60 4.11	33.27 -1.54 3.03	29.76 -1.71 3.41	31.09 -1.61 3.51	31.86 -2.04 3.53	32.91 -1.86 1.99	31.81 -2.11 3.33	35.51 -2.62 4.15	45.36 -2.53 4.92	62.13 -1.72 5.14	60.75 -0.30 0.00	68.37 1.25 0.00	52.38 1.69 0.00
CE_DUNWOOD___DRP 24194	48.75 1.78 0.00	43.54 1.55 0.00	42.17 1.60 0.00	42.62 1.54 0.00	39.56 1.56 0.00	50.13 2.09 0.00	85.38 3.56 0.00	79.96 3.76 0.00	59.14 3.00 0.00	56.37 2.71 0.00	51.67 2.41 0.00	43.36 1.98 0.00	39.83 1.99 0.00	36.79 1.91 0.00	38.11 1.90 0.00	39.48 2.05 0.00	38.78 2.02 0.00	39.26 2.01 0.00	44.68 2.40 0.00	55.88 3.08 0.00	72.74 3.75 0.00	63.99 2.94 0.00	69.99 2.87 0.00	52.77 2.08 0.00
CE_MILLWOOD___DRP 24193	48.58 1.61 0.00	43.41 1.41 0.00	42.04 1.46 0.00	42.49 1.42 0.00	39.44 1.44 0.00	49.99 1.95 0.00	85.14 3.32 0.00	79.70 3.51 0.00	58.92 2.78 0.00	56.16 2.50 0.00	51.46 2.19 0.00	43.19 1.80 0.00	39.66 1.82 0.00	36.62 1.74 0.00	37.96 1.75 0.00	39.32 1.89 0.00	38.61 1.84 0.00	39.08 1.82 0.00	44.50 2.22 0.00	55.64 2.84 0.00	72.45 3.46 0.00	63.74 2.69 0.00	69.74 2.61 0.00	52.58 1.89 0.00
CE_NYC2_DRP 24202	49.13 2.16 0.00	43.85 1.86 0.00	42.46 1.88 0.00	42.91 1.84 0.00	39.87 1.88 0.00	50.51 2.47 0.00	85.96 4.14 0.00	80.52 4.32 0.00	59.65 3.51 0.00	56.91 3.25 0.00	52.61 2.98 -0.36	44.70 2.47 -0.85	41.31 2.45 -1.02	37.44 2.35 -0.21	39.91 2.33 -1.37	54.62 2.46 -14.73	40.26 2.44 -1.06	51.03 2.42 -11.35	45.59 2.89 -0.42	56.45 3.65 0.00	73.40 4.40 0.00	64.52 3.47 0.00	70.60 3.47 0.00	54.02 2.56 -0.78
CE_NYC_DRP 24195	49.00 2.04 0.00	43.73 1.74 0.00	42.35 1.77 0.00	42.80 1.73 0.00	39.76 1.76 0.00	50.40 2.36 0.00	85.91 4.09 0.00	80.42 4.22 0.00	59.54 3.40 0.00	56.79 3.13 0.00	52.07 2.81 0.00	43.72 2.34 0.00	40.18 2.34 0.00	37.13 2.25 0.00	38.41 2.20 0.00	39.76 2.33 0.00	39.08 2.32 0.00	39.56 2.30 0.00	45.05 2.76 0.00	56.30 3.50 0.00	73.31 4.31 0.00	64.38 3.33 0.00	70.45 3.32 0.00	53.10 2.41 0.00
CHAFFEE___LFGE 323603	46.94 -0.03 0.00	41.84 -0.15 0.00	40.20 -0.38 0.00	40.83 -0.24 0.00	37.74 -0.26 0.00	48.16 0.12 0.00	82.30 0.48 0.00	76.72 0.53 0.00	56.36 0.23 0.00	54.61 0.95 0.00	50.14 0.88 0.00	41.70 0.31 0.00	38.01 0.17 0.00	34.78 -0.11 0.00	36.23 0.02 0.00	37.11 -0.32 0.00	36.63 -0.13 0.00	36.60 -0.66 0.00	40.89 -1.39 0.00	51.55 -1.24 0.00	68.54 -0.45 0.00	60.72 -0.33 0.00	67.63 0.50 0.00	51.92 1.24 0.00
CHATEAUG_35_KV_LOAD 355732	48.14 1.17 0.00	42.89 0.90 0.00	41.28 0.70 0.00	41.66 0.59 0.00	37.92 -0.08 0.00	46.97 -1.07 0.00	61.04 -2.84 17.95	47.76 -2.63 25.80	33.74 -2.15 20.25	51.81 -1.85 0.00	47.95 -1.31 0.00	40.67 -0.71 0.00	37.08 -0.76 0.00	28.38 -1.23 5.27	7.75 -1.59 26.88	-26.13 -1.78 61.79	-26.07 -1.70 61.13	-26.10 -1.68 61.68	-26.56 -1.89 66.96	-21.03 -2.53 71.30	65.23 -2.88 0.88	58.84 -2.22 0.00	64.90 -2.22 0.00	49.13 -1.55 0.00
CHATEAUG_WT_PWR 323614	48.09 1.13 0.00	42.87 0.88 0.00	41.26 0.68 0.00	41.65 0.58 0.00	37.94 -0.05 0.00	47.04 -1.00 0.00	62.66 -2.68 16.49	49.98 -2.51 23.71	35.49 -2.05 18.60	51.92 -1.74 0.00	48.04 -1.23 0.00	40.72 -0.66 0.00	37.15 -0.69 0.00	28.87 -1.17 4.84	9.99 -1.52 24.69	-21.05 -1.72 56.76	-21.03 -1.63 56.17	-21.02 -1.62 56.67	-21.06 -1.82 61.52	-15.21 -2.42 65.59	65.35 -2.74 0.90	58.96 -2.10 0.00	65.01 -2.11 0.00	49.20 -1.48 0.00
CHAT_HIGH_FALL_HYD 323578	48.14 1.17 0.00	42.89 0.90 0.00	41.28 0.70 0.00	41.66 0.59 0.00	37.92 -0.08 0.00	46.97 -1.07 0.00	61.04 -2.84 17.95	47.76 -2.63 25.80	33.74 -2.15 20.25	51.81 -1.85 0.00	47.95 -1.31 0.00	40.67 -0.71 0.00	37.08 -0.76 0.00	28.38 -1.23 5.27	7.75 -1.59 26.88	-26.13 -1.78 61.79	-26.07 -1.70 61.13	-26.10 -1.68 61.68	-26.56 -1.89 66.96	-21.03 -2.53 71.30	65.23 -2.88 0.88	58.84 -2.22 0.00	64.90 -2.22 0.00	49.13 -1.55 0.00
CHAUTAUQUA___LFGE 323629	39.44 -1.79 5.74	34.70 -1.73 5.56	33.12 -1.92 5.54	33.63 -1.86 5.59	30.67 -1.72 5.60	40.28 -1.39 6.37	70.38 -2.12 9.32	64.79 -2.38 9.02	47.07 -1.78 7.28	45.93 -0.76 6.97	41.71 -1.05 6.51	34.44 -1.27 5.67	32.46 -1.18 4.20	28.89 -1.28 4.72	30.25 -1.12 4.84	31.05 -1.51 4.87	32.65 -1.36 2.75	31.00 -1.66 4.60	34.20 -2.35 5.73	43.57 -2.44 6.79	60.06 -1.83 7.10	60.24 -0.82 0.00	67.53 0.40 0.00	51.66 0.97 0.00
CHERRYST_13_KV_LD 356241	49.14 2.18 0.00	43.84 1.85 0.00	42.47 1.89 0.00	42.92 1.85 0.00	39.87 1.88 0.00	50.55 2.51 0.00	86.20 4.38 0.00	80.71 4.52 0.00	59.76 3.62 0.00	57.01 3.35 0.00	52.28 3.01 0.00	43.88 2.49 0.00	40.33 2.39 0.00	37.28 2.34 0.00	38.55 2.47 0.00	39.91 2.47 0.00	39.23 2.47 0.00	39.71 2.45 0.00	45.20 2.92 0.00	56.49 3.69 0.00	73.54 4.55 0.00	64.59 3.54 0.00	70.67 3.54 0.00	53.27 2.58 0.00

CHESTROR_138KV_BK263 355645	48.17 1.20 0.00	43.08 1.09 0.00	41.72 1.14 0.00	42.18 1.12 0.00	39.15 1.15 0.00	49.59 1.55 0.00	84.53 2.71 0.00	79.01 2.82 0.00	58.30 2.16 0.00	55.53 1.87 0.00	50.84 1.57 0.00	42.68 1.29 0.00	39.16 1.32 0.00	36.16 1.28 0.00	37.53 1.32 0.00	38.88 1.45 0.00	38.14 1.38 0.00	38.63 1.37 0.00	44.00 1.72 0.00	55.05 2.25 0.00	71.74 2.75 0.00	63.18 2.13 0.00	69.19 2.07 0.00	52.16 1.47 0.00
CH_MIDHUDSON___DRP 24192	48.60 1.63 0.00	43.47 1.48 0.00	42.11 1.54 0.00	42.57 1.51 0.00	39.49 1.49 0.00	50.01 1.97 0.00	85.26 3.44 0.00	79.81 3.62 0.00	59.00 2.85 0.00	56.14 2.48 0.00	51.43 2.17 0.00	43.15 1.77 0.00	39.60 1.76 0.00	36.58 1.69 0.00	37.93 1.72 0.00	39.31 1.87 0.00	38.61 1.84 0.00	39.12 1.86 0.00	44.56 2.28 0.00	55.78 2.98 0.00	72.66 3.66 0.00	63.95 2.90 0.00	69.98 2.85 0.00	52.69 2.01 0.00
CH_MISC_IPPS 23765	48.83 1.86 0.00	43.67 1.67 0.00	42.28 1.70 0.00	42.76 1.68 0.00	39.67 1.67 0.00	50.26 2.22 0.00	85.74 3.91 0.00	80.23 4.04 0.00	59.21 3.06 0.00	56.30 2.63 0.00	51.52 2.25 0.00	43.19 1.81 0.00	39.61 1.77 0.00	36.61 1.73 0.00	37.97 1.76 0.00	39.34 1.91 0.00	38.65 1.89 0.00	39.17 1.91 0.00	44.69 2.41 0.00	56.07 3.27 0.00	73.07 4.07 0.00	64.30 3.24 0.00	70.34 3.22 0.00	52.98 2.29 0.00
CH_RES_BVR_FALLS 23983	46.74 -0.23 0.00	41.41 -0.58 0.00	39.96 -0.62 0.00	40.44 -0.63 0.00	37.30 -0.70 0.00	47.00 -1.04 0.00	80.10 -1.72 0.00	74.63 -1.56 0.00	54.70 -1.44 0.00	52.29 -1.37 0.00	48.13 -1.14 0.00	40.56 -0.82 0.00	37.07 -0.77 0.00	34.17 -0.71 0.00	35.35 -0.86 0.00	36.45 -0.98 0.00	35.81 -0.95 0.00	36.35 -0.91 0.00	41.44 -0.84 0.00	50.21 -1.30 1.29	65.99 -1.61 1.40	59.88 -1.17 0.00	66.12 -1.01 0.00	50.13 -0.56 0.00
CH_RES_NIAGARA 23895	34.22 -3.66 9.09	29.76 -3.42 8.81	28.11 -3.70 8.77	28.55 -3.67 8.85	25.65 -3.47 8.88	34.06 -3.89 10.09	59.67 -7.38 14.77	54.59 -7.31 14.29	39.51 -5.07 11.56	38.99 -3.60 11.06	35.74 -3.19 10.33	29.75 -2.65 8.99	28.62 -2.57 6.65	25.08 -2.33 7.47	26.34 -2.20 7.67	27.12 -2.59 7.72	29.97 -2.44 4.36	27.13 -2.85 7.28	29.01 -4.19 9.08	36.90 -5.15 10.75	52.14 -5.62 11.24	56.53 -4.52 0.00	63.37 -3.76 0.00	48.65 -2.03 0.00
CH_RES_SYRACUSE 23985	46.85 -0.12 0.00	41.86 -0.14 0.00	40.43 -0.15 0.00	40.96 -0.12 0.00	37.95 -0.04 0.00	48.17 0.13 0.00	82.25 0.43 0.00	76.64 0.44 0.00	56.51 0.37 0.00	54.12 0.46 0.00	49.61 0.34 0.00	41.55 0.17 0.00	37.95 0.11 0.00	34.98 0.09 0.00	36.38 0.18 0.00	37.61 0.18 0.00	36.94 0.17 0.00	37.41 0.16 0.00	42.47 0.18 0.00	53.14 0.34 0.00	69.56 0.57 0.00	61.41 0.35 0.00	67.52 0.40 0.00	51.00 0.32 0.00
CLINTON_WT_PWR 323605	48.09 1.13 0.00	42.87 0.88 0.00	41.26 0.68 0.00	41.65 0.58 0.00	37.94 -0.05 0.00	47.04 -1.00 0.00	62.66 -2.68 16.49	49.98 -2.51 23.71	35.49 -2.05 18.60	51.92 -1.74 0.00	48.04 -1.23 0.00	40.72 -0.66 0.00	37.15 -0.69 0.00	28.87 -1.17 4.84	9.99 -1.52 24.69	-21.05 -1.72 56.76	-21.03 -1.63 56.17	-21.02 -1.62 56.67	-21.06 -1.82 61.52	-15.21 -2.42 65.59	65.35 -2.74 0.90	58.96 -2.10 0.00	65.01 -2.11 0.00	49.20 -1.48 0.00
CLINTON___LFGE 323618	48.99 2.02 0.00	43.66 1.66 0.00	42.05 1.48 0.00	42.42 1.35 0.00	38.67 0.67 0.00	47.95 -0.09 0.00	64.31 -1.03 16.49	51.49 -1.00 23.71	36.71 -0.82 18.60	52.88 -0.78 0.00	48.86 -0.41 0.00	41.30 -0.08 0.00	37.73 -0.10 0.00	29.40 -0.64 4.84	10.58 -0.94 24.69	-20.49 -1.16 56.76	-20.46 -1.06 56.17	-20.32 -0.92 56.67	-20.27 -1.03 61.52	-14.17 -1.38 65.59	66.53 -1.56 0.90	59.96 -1.09 0.00	66.06 -1.06 0.00	50.02 -0.66 0.00
COBBLENY_34_KV_TB1 80064	46.91 -0.06 0.00	41.82 -0.17 0.00	40.17 -0.40 0.00	40.80 -0.28 0.00	37.70 -0.30 0.00	48.12 0.08 0.00	82.21 0.39 0.00	76.61 0.41 0.00	56.27 0.13 0.00	54.51 0.85 0.00	50.10 0.83 0.00	41.67 0.29 0.00	37.96 0.12 0.00	34.75 -0.13 0.00	36.15 -0.06 0.00	37.05 -0.39 0.00	36.57 -0.19 0.00	36.56 -0.70 0.00	40.80 -1.49 0.00	51.45 -1.35 0.00	68.49 -0.51 0.00	60.70 -0.36 0.00	67.63 0.50 0.00	51.89 1.21 0.00
COFFEEN___115KV_TB3 355620	46.16 -0.81 0.00	40.44 -1.55 0.00	39.09 -1.49 0.00	39.62 -1.45 0.00	36.73 -1.27 0.00	46.84 -1.20 0.00	82.38 -0.14 -0.70	76.78 -0.43 -1.01	56.04 -0.89 -0.79	52.92 -0.74 0.00	48.31 -0.96 0.00	40.16 -1.22 0.00	36.31 -1.53 0.00	33.52 -1.57 -0.20	35.53 -1.71 -1.03	37.74 -2.06 -2.37	37.67 -1.44 -2.34	38.96 -0.66 -2.36	45.06 0.22 -2.56	56.27 0.92 -2.56	69.79 0.96 0.16	61.98 0.93 0.00	68.29 1.17 0.00	50.97 0.29 0.00
COLDSPRG_115KV_BK1 355956	45.10 -0.21 1.66	40.06 -0.33 1.61	38.42 -0.56 1.60	39.02 -0.44 1.61	35.94 -0.44 1.62	46.39 0.19 1.84	79.97 0.84 2.69	74.16 0.57 2.60	54.33 0.29 2.09	52.87 1.21 2.00	48.20 0.80 1.87	40.03 0.29 1.64	37.97 0.13 0.00	33.70 -0.13 1.05	34.78 -0.04 1.40	35.63 -0.40 1.41	35.73 -0.24 0.79	35.32 -0.61 1.33	39.44 -1.19 1.66	49.94 -0.90 1.96	67.17 0.23 2.05	61.83 0.78 0.00	69.16 2.03 0.00	53.03 2.34 0.00
COLONIE_LFGE___ 323577	47.76 0.80 0.00	42.92 0.93 0.00	41.55 0.97 0.00	42.03 0.96 0.00	38.85 0.86 0.00	49.15 1.12 0.00	83.82 1.99 0.00	77.90 1.70 0.00	57.49 1.35 0.00	54.85 1.19 0.00	50.45 1.18 0.00	42.44 1.06 0.00	38.84 1.00 0.00	35.75 0.87 0.00	37.10 0.89 0.00	38.43 1.00 0.00	37.84 1.08 0.00	38.46 1.20 0.00	43.65 1.36 0.00	54.49 1.69 0.00	71.01 2.02 0.00	62.73 1.68 0.00	68.73 1.61 0.00	51.66 0.98 0.00
COOPERNY_115KV_TB1 80082	47.82 0.85 0.00	42.80 0.81 0.00	41.42 0.85 0.00	41.92 0.85 0.00	38.87 0.87 0.00	49.17 1.13 0.00	83.78 1.96 0.00	78.22 2.03 0.00	57.73 1.59 0.00	55.07 1.41 0.00	50.44 1.17 0.00	42.33 0.94 0.00	38.83 0.99 0.00	35.84 0.96 0.00	37.23 1.02 0.00	38.56 1.13 0.00	37.80 1.03 0.00	38.27 1.02 0.00	43.53 1.25 0.00	54.44 1.64 0.00	70.98 1.99 0.00	62.59 1.54 0.00	68.64 1.51 0.00	51.79 1.10 0.00
COPENHAGEN_WT_PWR 323753	45.51 -1.46 0.00	39.70 -2.29 0.00	38.36 -2.21 0.00	38.89 -2.18 0.00	36.03 -1.97 0.00	45.94 -2.10 0.00	80.75 -1.74 -0.67	75.14 -2.01 -0.96	54.83 -2.06 -0.75	51.78 -1.88 0.00	47.28 -1.98 0.00	39.42 -1.96 0.00	35.77 -2.07 0.00	33.04 -2.03 -0.19	35.05 -2.13 -0.97	37.21 -2.46 -2.23	37.04 -1.93 -2.21	38.22 -1.27 -2.23	44.21 -0.49 -2.42	55.30 0.09 -2.41	68.60 -0.25 0.15	60.99 -0.07 0.00	67.32 0.20 0.00	50.27 -0.42 0.00
CORNELL_____ 23752	51.41 0.69 -3.76	46.18 0.55 -3.64	44.67 0.47 -3.62	45.21 0.48 -3.66	42.23 0.57 -3.67	53.22 1.01 -4.17	89.88 1.96 -6.10	84.06 1.96 -5.90	62.38 1.46 -4.78	59.67 1.44 -4.57	54.68 1.14 -4.27	45.82 0.72 -3.71	41.18 0.56 -2.77	38.42 0.45 -3.09	40.00 0.63 -3.16	41.27 0.65 -3.19	39.15 0.59 -1.80	40.81 0.55 -3.01	46.77 0.74 -3.75	58.52 1.29 -4.43	75.55 1.92 -4.64	62.58 1.53 0.00	68.78 1.66 0.00	51.98 1.29 0.00

CORONA__69_KV_TB1 355595	110.64 2.52 -61.16	102.41 2.21 -58.21	95.33 2.25 -52.50	74.32 2.15 -31.10	110.96 2.13 -70.83	100.78 2.60 -50.15	85.50 3.67 -0.01	80.21 4.02 0.00	59.53 3.35 -0.03	56.58 2.92 0.00	51.93 2.66 -0.01	52.77 2.29 -9.09	63.32 2.29 -23.18	62.15 2.38 -24.88	62.68 2.38 -24.09	63.10 2.60 -23.07	60.96 2.51 -21.68	47.25 2.34 -7.65	47.10 2.75 -2.07	116.60 3.50 -60.30	136.12 4.54 -62.59	145.06 3.61 -80.40	137.56 3.71 -66.73	111.91 2.81 -58.42
CORTLAND__115KV_TB3 80093	47.35 0.38 0.00	42.28 0.28 0.00	40.81 0.24 0.00	41.35 0.28 0.00	38.34 0.34 0.00	48.69 0.65 0.00	83.21 1.38 0.00	77.62 1.42 0.00	57.18 1.04 0.00	54.75 1.09 0.00	50.14 0.87 0.00	41.91 0.52 0.00	38.26 0.42 0.00	35.22 0.33 0.00	36.67 0.46 0.00	37.96 0.52 0.00	37.27 0.51 0.00	37.73 0.47 0.00	42.84 0.56 0.00	53.71 0.92 0.00	70.37 1.37 0.00	62.12 1.07 0.00	68.30 1.17 0.00	51.60 0.91 0.00
COXSACKIE__GT 23611	48.78 1.81 0.00	43.73 1.74 0.00	42.35 1.78 0.00	42.86 1.80 0.00	39.70 1.70 0.00	50.27 2.23 0.00	86.12 4.30 0.00	80.02 3.83 0.00	58.86 2.72 0.00	55.53 1.88 0.00	50.93 1.67 0.00	42.92 1.53 0.00	39.23 1.39 0.00	36.18 1.30 0.00	37.49 1.29 0.00	38.98 1.55 0.00	38.46 1.69 0.00	39.25 1.99 0.00	44.75 2.47 0.00	56.30 3.50 0.00	73.47 4.48 0.00	64.69 3.63 0.00	70.74 3.61 0.00	53.10 2.42 0.00
CPV_VALLEY__CC1 323721	47.83 0.86 0.00	42.81 0.82 0.00	41.45 0.88 0.00	41.92 0.85 0.00	38.89 0.90 0.00	49.22 1.18 0.00	83.87 2.05 0.00	78.38 2.18 0.00	57.85 1.71 0.00	55.15 1.49 0.00	50.50 1.24 0.00	42.41 1.03 0.00	38.91 1.08 0.00	35.94 1.05 0.00	37.29 1.08 0.00	38.63 1.19 0.00	37.89 1.13 0.00	38.37 1.11 0.00	43.66 1.37 0.00	54.58 1.79 0.00	71.14 2.14 0.00	62.66 1.61 0.00	68.65 1.52 0.00	51.77 1.09 0.00
CPV_VALLEY__CC2 323722	47.83 0.86 0.00	42.81 0.82 0.00	41.45 0.88 0.00	41.92 0.85 0.00	38.89 0.90 0.00	49.22 1.18 0.00	83.87 2.05 0.00	78.38 2.18 0.00	57.85 1.71 0.00	55.15 1.49 0.00	50.50 1.24 0.00	42.41 1.03 0.00	38.91 1.08 0.00	35.94 1.05 0.00	37.29 1.08 0.00	38.63 1.19 0.00	37.89 1.13 0.00	38.37 1.11 0.00	43.66 1.37 0.00	54.58 1.79 0.00	71.14 2.14 0.00	62.66 1.61 0.00	68.65 1.52 0.00	51.77 1.09 0.00
CRESCENT__HYD 24018	47.76 0.80 0.00	42.92 0.93 0.00	41.55 0.97 0.00	42.03 0.96 0.00	38.85 0.86 0.00	49.15 1.12 0.00	83.82 1.99 0.00	77.90 1.70 0.00	57.49 1.35 0.00	54.85 1.19 0.00	50.45 1.18 0.00	42.44 1.06 0.00	38.84 1.00 0.00	35.75 0.87 0.00	37.10 0.89 0.00	38.43 1.00 0.00	37.84 1.08 0.00	38.46 1.20 0.00	43.65 1.36 0.00	54.49 1.69 0.00	71.01 2.02 0.00	62.73 1.68 0.00	68.73 1.61 0.00	51.66 0.98 0.00
CRICKET__VALLEY_CC1 323756	48.06 1.09 0.00	43.02 1.03 0.00	41.70 1.13 0.00	42.15 1.08 0.00	39.09 1.10 0.00	49.49 1.45 0.00	84.35 2.53 0.00	79.00 2.81 0.00	58.50 2.36 0.00	55.64 1.98 0.00	51.02 1.76 0.00	42.85 1.47 0.00	39.34 1.50 0.00	36.32 1.44 0.00	37.63 1.42 0.00	39.03 1.60 0.00	38.35 1.59 0.00	38.85 1.59 0.00	44.19 1.91 0.00	55.27 2.47 0.00	72.00 3.00 0.00	63.37 2.32 0.00	69.30 2.17 0.00	52.12 1.44 0.00
CRICKET__VALLEY_CC2 323757	48.06 1.09 0.00	43.02 1.03 0.00	41.70 1.13 0.00	42.15 1.08 0.00	39.09 1.10 0.00	49.49 1.45 0.00	84.35 2.53 0.00	79.00 2.81 0.00	58.50 2.36 0.00	55.64 1.98 0.00	51.02 1.76 0.00	42.85 1.47 0.00	39.34 1.50 0.00	36.32 1.44 0.00	37.63 1.42 0.00	39.03 1.60 0.00	38.35 1.59 0.00	38.85 1.59 0.00	44.19 1.91 0.00	55.27 2.47 0.00	72.00 3.00 0.00	63.37 2.32 0.00	69.30 2.17 0.00	52.12 1.44 0.00
CRICKET__VALLEY_CC3 323758	48.06 1.09 0.00	43.02 1.03 0.00	41.70 1.13 0.00	42.15 1.08 0.00	39.09 1.10 0.00	49.49 1.45 0.00	84.35 2.53 0.00	79.00 2.81 0.00	58.50 2.36 0.00	55.64 1.98 0.00	51.02 1.76 0.00	42.85 1.47 0.00	39.34 1.50 0.00	36.32 1.44 0.00	37.63 1.42 0.00	39.03 1.60 0.00	38.35 1.59 0.00	38.85 1.59 0.00	44.19 1.91 0.00	55.27 2.47 0.00	72.00 3.00 0.00	63.37 2.32 0.00	69.30 2.17 0.00	52.12 1.44 0.00
CRUCIBLE__METL_DRP 24180	46.85 -0.12 0.00	41.86 -0.14 0.00	40.43 -0.15 0.00	40.96 -0.12 0.00	37.95 -0.05 0.00	48.17 0.13 0.00	82.24 0.42 0.00	76.62 0.43 0.00	56.50 0.37 0.00	54.11 0.45 0.00	49.61 0.34 0.00	41.55 0.16 0.00	37.95 0.11 0.00	34.97 0.09 0.00	36.38 0.17 0.00	37.60 0.17 0.00	36.93 0.16 0.00	37.41 0.15 0.00	42.46 0.18 0.00	53.11 0.31 0.00	69.56 0.57 0.00	61.41 0.35 0.00	67.52 0.39 0.00	50.99 0.31 0.00
DAHOWA__HYDRO 323763	48.56 1.59 0.00	43.56 1.57 0.00	42.14 1.56 0.00	42.61 1.54 0.00	39.43 1.43 0.00	50.00 1.97 0.00	85.45 3.63 0.00	79.41 3.22 0.00	58.32 2.18 0.00	55.65 1.99 0.00	51.06 1.80 0.00	42.98 1.60 0.00	39.21 1.37 0.00	36.06 1.18 0.00	37.38 1.17 0.00	38.70 1.27 0.00	38.33 1.56 0.00	39.21 1.95 0.00	44.59 2.31 0.00	55.68 2.88 0.00	72.61 3.61 0.00	64.00 2.94 0.00	70.08 2.95 0.00	52.54 1.85 0.00
DANC__LFGE 323619	45.65 -1.32 0.00	40.21 -1.79 0.00	38.83 -1.75 0.00	39.34 -1.73 0.00	36.46 -1.54 0.00	46.40 -1.64 0.00	80.72 -1.56 -0.46	75.18 -1.67 -0.66	55.09 -1.57 -0.51	52.25 -1.41 0.00	47.79 -1.48 0.00	39.89 -1.49 0.00	36.29 -1.55 0.00	33.51 -1.50 -0.13	35.32 -1.55 -0.65	37.17 -1.76 -1.50	36.84 -1.41 -1.49	37.75 -1.01 -1.50	43.35 -0.56 -1.63	54.18 -0.24 -1.63	68.43 -0.47 0.10	60.67 -0.38 0.00	66.86 -0.26 0.00	50.14 -0.55 0.00
DANSKAMMER__1 23586	48.83 1.86 0.00	43.67 1.67 0.00	42.28 1.70 0.00	42.76 1.68 0.00	39.67 1.67 0.00	50.26 2.22 0.00	85.74 3.91 0.00	80.23 4.04 0.00	59.21 3.06 0.00	56.30 2.63 0.00	51.52 2.25 0.00	43.19 1.81 0.00	39.61 1.77 0.00	36.61 1.73 0.00	37.97 1.76 0.00	39.34 1.91 0.00	38.65 1.89 0.00	39.17 1.91 0.00	44.69 2.41 0.00	56.07 3.27 0.00	73.07 4.07 0.00	64.30 3.24 0.00	70.34 3.22 0.00	52.98 2.29 0.00
DANSKAMMER__2 23589	48.83 1.86 0.00	43.67 1.67 0.00	42.28 1.70 0.00	42.76 1.68 0.00	39.67 1.67 0.00	50.26 2.22 0.00	85.74 3.91 0.00	80.23 4.04 0.00	59.21 3.06 0.00	56.30 2.63 0.00	51.52 2.25 0.00	43.19 1.81 0.00	39.61 1.77 0.00	36.61 1.73 0.00	37.97 1.76 0.00	39.34 1.91 0.00	38.65 1.89 0.00	39.17 1.91 0.00	44.69 2.41 0.00	56.07 3.27 0.00	73.07 4.07 0.00	64.30 3.24 0.00	70.34 3.22 0.00	52.98 2.29 0.00
DANSKAMMER__3 23590	48.83 1.86 0.00	43.67 1.67 0.00	42.28 1.70 0.00	42.76 1.68 0.00	39.67 1.67 0.00	50.26 2.22 0.00	85.74 3.91 0.00	80.23 4.04 0.00	59.21 3.06 0.00	56.30 2.63 0.00	51.52 2.25 0.00	43.19 1.81 0.00	39.61 1.77 0.00	36.61 1.73 0.00	37.97 1.76 0.00	39.34 1.91 0.00	38.65 1.89 0.00	39.17 1.91 0.00	44.69 2.41 0.00	56.07 3.27 0.00	73.07 4.07 0.00	64.30 3.24 0.00	70.34 3.22 0.00	52.98 2.29 0.00

DANSKAMMER___4 23591	48.83 1.86 0.00	43.67 1.67 0.00	42.28 1.70 0.00	42.76 1.68 0.00	39.67 1.67 0.00	50.26 2.22 0.00	85.74 3.91 0.00	80.23 4.04 0.00	59.21 3.06 0.00	56.30 2.63 0.00	51.52 2.25 0.00	43.19 1.81 0.00	39.61 1.77 0.00	36.61 1.73 0.00	37.97 1.76 0.00	39.34 1.91 0.00	38.65 1.89 0.00	39.17 1.91 0.00	44.69 2.41 0.00	56.07 3.27 0.00	73.07 4.07 0.00	64.30 3.24 0.00	70.34 3.22 0.00	52.98 2.29 0.00
DANSKAMMER___DIESEL 23592	48.83 1.86 0.00	43.66 1.67 0.00	42.28 1.70 0.00	42.76 1.69 0.00	39.67 1.67 0.00	50.26 2.23 0.00	85.75 3.92 0.00	80.24 4.04 0.00	59.21 3.07 0.00	56.31 2.65 0.00	51.52 2.26 0.00	43.19 1.81 0.00	39.62 1.78 0.00	36.61 1.73 0.00	37.98 1.77 0.00	39.34 1.91 0.00	38.65 1.89 0.00	39.18 1.92 0.00	44.70 2.42 0.00	56.07 3.27 0.00	73.09 4.09 0.00	64.31 3.26 0.00	70.34 3.22 0.00	52.98 2.29 0.00
DARBY___SOLAR 323810	48.53 1.56 0.00	43.52 1.53 0.00	42.10 1.52 0.00	42.59 1.52 0.00	39.41 1.41 0.00	49.96 1.92 0.00	85.32 3.50 0.00	79.30 3.10 0.00	58.27 2.12 0.00	55.57 1.91 0.00	50.99 1.73 0.00	42.92 1.54 0.00	39.17 1.33 0.00	36.04 1.16 0.00	37.36 1.15 0.00	38.69 1.26 0.00	38.29 1.52 0.00	39.14 1.88 0.00	44.49 2.21 0.00	55.55 2.76 0.00	72.46 3.46 0.00	63.89 2.84 0.00	69.98 2.86 0.00	52.51 1.82 0.00
DASHVILLE___HYD 23610	48.44 1.47 0.00	43.33 1.34 0.00	41.95 1.38 0.00	42.45 1.38 0.00	39.38 1.38 0.00	49.83 1.79 0.00	84.93 3.11 0.00	79.38 3.19 0.00	58.62 2.48 0.00	55.79 2.13 0.00	51.09 1.82 0.00	42.83 1.45 0.00	39.31 1.47 0.00	36.37 1.49 0.00	37.73 1.53 0.00	39.12 1.69 0.00	38.40 1.64 0.00	38.90 1.64 0.00	44.30 2.02 0.00	55.49 2.70 0.00	72.32 3.32 0.00	63.66 2.61 0.00	69.66 2.54 0.00	52.49 1.81 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	53.76 2.62 -4.17	39.48 2.07 4.59	38.36 2.40 4.61	40.52 2.18 2.73	33.92 2.10 6.17	46.29 2.65 4.40	84.87 3.05 0.00	80.01 3.81 0.00	59.62 3.48 0.00	56.82 3.16 0.00	52.05 2.78 0.00	42.34 1.76 0.79	37.61 1.80 2.03	34.93 2.22 2.18	36.34 2.24 2.11	38.73 2.60 1.30	39.38 2.73 0.11	40.58 2.86 -0.47	44.53 2.13 -0.12	55.34 2.02 -0.52	66.94 2.44 4.49	60.31 1.70 2.45	63.08 1.49 5.53	49.35 1.12 2.46
DELAWARE___LFGE 323621	48.05 1.08 0.00	43.02 1.03 0.00	41.54 0.97 0.00	42.08 1.00 0.00	38.98 0.98 0.00	49.28 1.24 0.00	84.03 2.21 0.00	78.21 2.02 0.00	57.71 1.57 0.00	55.16 1.51 0.00	50.54 1.27 0.00	42.34 0.96 0.00	38.77 0.93 0.00	35.79 0.91 0.00	37.28 1.07 0.00	38.66 1.23 0.00	37.83 1.07 0.00	38.29 1.04 0.00	43.48 1.20 0.00	54.38 1.58 0.00	71.00 2.01 0.00	62.70 1.65 0.00	68.90 1.78 0.00	52.03 1.35 0.00
DERFIELD_115KV_TB7 355931	46.91 -0.06 0.00	41.91 -0.08 0.00	40.53 -0.04 0.00	41.03 -0.04 0.00	37.97 -0.03 0.00	48.01 -0.03 0.00	81.90 0.08 0.00	76.25 0.05 0.00	56.18 0.04 0.00	53.63 -0.03 0.00	49.22 -0.05 0.00	41.34 -0.05 0.00	37.81 -0.03 0.00	34.89 0.00 0.00	36.24 0.03 0.00	37.51 0.07 0.00	36.85 0.09 0.00	37.37 0.12 0.00	42.46 0.17 0.00	53.13 0.26 -0.06	69.35 0.28 -0.07	61.24 0.18 0.00	67.26 0.13 0.00	50.73 0.05 0.00
DOGLEVILLE___HYD 23807	46.34 -0.63 0.00	41.76 -0.23 0.00	40.04 -0.54 0.00	40.33 -0.74 0.00	37.49 -0.50 0.00	47.60 -0.45 0.00	81.58 -0.24 0.00	75.26 -0.93 0.00	55.20 -0.94 0.00	51.17 -2.49 0.00	47.13 -2.14 0.00	39.37 -2.01 0.00	36.18 -1.66 0.00	33.41 -1.47 0.00	34.84 -1.37 0.00	36.30 -1.13 0.00	36.02 -0.74 0.00	37.02 -0.24 0.00	42.36 0.08 0.00	53.46 0.59 -0.06	69.51 0.45 -0.07	60.95 -0.11 0.00	66.21 -0.92 0.00	49.55 -1.14 0.00
DUNKIRK___115KV_TB_200 55889	39.34 -1.74 5.89	34.58 -1.70 5.71	33.01 -1.88 5.68	33.50 -1.84 5.74	30.54 -1.70 5.76	40.10 -1.40 6.54	70.04 -2.21 9.57	64.51 -2.42 9.26	46.83 -1.84 7.48	45.70 -0.80 7.15	41.57 -1.02 6.68	34.32 -1.24 5.83	32.36 -1.17 4.31	28.80 -1.24 4.84	30.13 -1.11 4.97	30.94 -1.48 5.01	32.61 -1.32 2.83	30.90 -1.64 4.72	34.03 -2.37 5.88	43.32 -2.51 6.97	59.85 -1.86 7.29	60.16 -0.90 0.00	67.40 0.28 0.00	51.54 0.85 0.00
DUNKIRK___1 23563	39.34 -1.74 5.89	34.58 -1.70 5.71	33.01 -1.88 5.68	33.50 -1.84 5.74	30.54 -1.70 5.76	40.10 -1.40 6.54	70.04 -2.21 9.57	64.51 -2.42 9.26	46.83 -1.84 7.48	45.70 -0.80 7.15	41.57 -1.02 6.68	34.32 -1.24 5.83	32.36 -1.17 4.31	28.80 -1.24 4.84	30.13 -1.11 4.97	30.94 -1.48 5.01	32.61 -1.32 2.83	30.90 -1.64 4.72	34.03 -2.37 5.88	43.32 -2.51 6.97	59.85 -1.86 7.29	60.16 -0.90 0.00	67.40 0.28 0.00	51.54 0.85 0.00
DUNKIRK___2 23564	39.34 -1.74 5.89	34.58 -1.70 5.71	33.01 -1.88 5.68	33.50 -1.84 5.74	30.54 -1.70 5.76	40.10 -1.40 6.54	70.04 -2.21 9.57	64.51 -2.42 9.26	46.83 -1.84 7.48	45.70 -0.80 7.15	41.57 -1.02 6.68	34.32 -1.24 5.83	32.36 -1.17 4.31	28.80 -1.24 4.84	30.13 -1.11 4.97	30.94 -1.48 5.01	32.61 -1.32 2.83	30.90 -1.64 4.72	34.03 -2.37 5.88	43.32 -2.51 6.97	59.85 -1.86 7.29	60.16 -0.90 0.00	67.40 0.28 0.00	51.54 0.85 0.00
DUNKIRK___3 23565	38.75 -1.74 6.48	34.00 -1.71 6.28	32.42 -1.91 6.25	32.91 -1.86 6.31	29.94 -1.73 6.33	39.34 -1.51 7.19	68.72 -2.58 10.53	63.30 -2.71 10.18	45.92 -2.00 8.23	44.83 -0.96 7.87	40.87 -1.04 7.35	33.77 -1.21 6.40	31.94 -1.15 4.75	28.36 -1.20 5.33	29.67 -1.08 5.46	30.51 -1.42 5.50	32.39 -1.27 3.11	30.47 -1.60 5.19	33.41 -2.40 6.47	42.52 -2.62 7.66	58.86 -2.12 8.01	59.77 -1.28 0.00	66.91 -0.21 0.00	51.18 0.49 0.00
DUNKIRK___4 23566	38.75 -1.74 6.48	34.00 -1.71 6.28	32.42 -1.91 6.25	32.91 -1.86 6.31	29.94 -1.73 6.33	39.34 -1.51 7.19	68.72 -2.58 10.53	63.30 -2.71 10.18	45.92 -2.00 8.23	44.83 -0.96 7.87	40.87 -1.04 7.35	33.77 -1.21 6.40	31.94 -1.15 4.75	28.36 -1.20 5.33	29.67 -1.08 5.46	30.51 -1.42 5.50	32.39 -1.27 3.11	30.47 -1.60 5.19	33.41 -2.40 6.47	42.52 -2.62 7.66	58.86 -2.12 8.01	59.77 -1.28 0.00	66.91 -0.21 0.00	51.18 0.49 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	48.89 1.92 0.00	43.65 1.66 0.00	42.28 1.70 0.00	42.73 1.66 0.00	39.66 1.66 0.00	50.25 2.22 0.00	85.56 3.74 0.00	80.12 3.93 0.00	59.30 3.16 0.00	56.53 2.87 0.00	51.83 2.56 0.00	43.50 2.12 0.00	39.96 2.12 0.00	36.93 2.05 0.00	38.25 2.04 0.00	39.62 2.19 0.00	38.91 2.15 0.00	39.38 2.12 0.00	44.84 2.56 0.00	56.06 3.26 0.00	72.98 3.98 0.00	64.17 3.12 0.00	70.20 3.07 0.00	52.93 2.24 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	48.47 1.51 0.00	43.37 1.37 0.00	41.99 1.41 0.00	42.45 1.38 0.00	39.40 1.40 0.00	49.91 1.87 0.00	85.11 3.28 0.00	79.59 3.39 0.00	58.72 2.59 0.00	55.91 2.24 0.00	51.15 1.88 0.00	42.90 1.52 0.00	39.37 1.54 0.00	36.39 1.51 0.00	37.75 1.54 0.00	39.11 1.68 0.00	38.40 1.64 0.00	38.89 1.63 0.00	44.34 2.06 0.00	55.55 2.75 0.00	72.38 3.39 0.00	63.71 2.66 0.00	69.73 2.61 0.00	52.56 1.87 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	48.92 1.95 0.00	43.67 1.68 0.00	42.29 1.72 0.00	42.75 1.68 0.00	39.75 1.75 0.00	50.30 2.26 0.00	85.74 3.92 0.00	80.26 4.07 0.00	59.39 3.25 0.00	56.63 2.97 0.00	51.98 2.71 -0.01	43.63 2.24 -0.01	40.08 2.24 0.00	37.04 2.15 -0.01	38.33 2.12 0.00	39.68 2.25 0.01	33.32 2.23 5.67	39.47 2.22 0.01	44.93 2.65 0.00	56.15 3.35 0.00	73.03 4.04 0.00	64.17 3.12 0.00	70.31 3.19 0.00	52.96 2.27 0.00
E179THST_13_KV_LOAD 356214	49.11 2.14 0.00	43.85 1.86 0.00	42.46 1.88 0.00	42.90 1.83 0.00	39.89 1.89 0.00	50.49 2.46 0.00	86.11 4.29 0.00	80.63 4.43 0.00	59.67 3.53 0.00	56.90 3.24 0.00	52.23 2.95 -0.01	43.82 2.43 -0.01	40.27 2.42 0.00	37.21 2.32 -0.01	38.51 2.30 0.00	39.86 2.44 0.01	33.51 2.42 5.67	39.66 2.41 0.01	45.15 2.87 0.00	56.45 3.65 0.00	73.41 4.41 0.00	64.49 3.44 0.00	70.65 3.52 0.00	53.20 2.51 0.00
EAST HAMPTON___GT 23717	53.74 2.60 -4.17	39.44 2.04 4.59	38.58 2.61 4.61	40.84 2.50 2.73	34.23 2.40 6.17	46.63 2.99 4.40	85.63 3.81 0.00	80.89 4.70 0.00	60.25 4.11 0.00	57.35 3.69 0.00	52.47 3.21 0.00	42.59 2.01 0.79	37.79 1.98 2.03	35.20 2.50 2.18	36.61 2.51 2.11	39.03 2.89 1.30	39.71 3.06 0.11	40.97 3.24 -0.47	44.05 1.65 -0.12	54.48 1.16 -0.52	65.88 1.38 4.49	59.34 0.73 2.44	62.00 0.40 5.53	48.47 0.24 2.46
EAST RIVER___6 23660	49.10 2.13 0.00	43.79 1.80 0.00	42.43 1.85 0.00	42.86 1.79 0.00	39.83 1.83 0.00	50.47 2.43 0.00	86.05 4.23 0.00	80.56 4.36 0.00	59.63 3.49 0.00	56.89 3.23 0.00	52.17 2.91 0.00	43.81 2.43 0.00	40.25 2.41 0.00	37.20 2.31 0.00	38.45 2.24 0.00	39.81 2.38 0.00	39.14 2.38 0.00	39.63 2.37 0.00	45.10 2.82 0.00	56.38 3.58 0.00	73.43 4.43 0.00	64.49 3.43 0.00	70.56 3.44 0.00	53.18 2.50 0.00
EAST RIVER___7 23524	49.10 2.13 0.00	43.79 1.80 0.00	42.43 1.85 0.00	42.86 1.79 0.00	39.83 1.83 0.00	50.47 2.43 0.00	86.05 4.23 0.00	80.56 4.36 0.00	59.63 3.49 0.00	56.89 3.23 0.00	52.17 2.91 0.00	43.81 2.43 0.00	40.25 2.41 0.00	37.20 2.31 0.00	38.45 2.24 0.00	39.81 2.38 0.00	39.14 2.38 0.00	39.63 2.37 0.00	45.10 2.82 0.00	56.38 3.58 0.00	73.43 4.43 0.00	64.49 3.43 0.00	70.56 3.44 0.00	53.18 2.50 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	48.75 1.78 0.00	43.54 1.55 0.00	42.17 1.60 0.00	42.62 1.54 0.00	39.56 1.56 0.00	50.13 2.09 0.00	85.38 3.56 0.00	79.96 3.76 0.00	59.14 3.00 0.00	56.37 2.71 0.00	51.67 2.41 0.00	43.36 1.98 0.00	39.83 1.99 0.00	36.79 1.91 0.00	38.11 1.90 0.00	39.48 2.05 0.00	38.78 2.02 0.00	39.26 2.01 0.00	44.68 2.40 0.00	55.88 3.08 0.00	72.74 3.75 0.00	63.99 2.94 0.00	69.99 2.87 0.00	52.77 2.08 0.00
EAST_HAMPTON___DIESEL 23722	53.69 2.56 -4.17	39.41 2.01 4.59	38.57 2.60 4.61	40.85 2.52 2.73	34.24 2.41 6.17	46.62 2.99 4.40	85.65 3.83 0.00	80.91 4.72 0.00	60.25 4.12 0.00	57.35 3.69 0.00	52.48 3.21 0.00	42.59 2.01 0.79	37.78 1.97 2.03	35.21 2.51 2.18	36.62 2.53 2.11	39.03 2.90 1.30	39.72 3.07 0.11	40.99 3.26 -0.47	43.95 1.54 -0.12	54.31 1.00 -0.52	65.66 1.16 4.49	59.15 0.54 2.44	61.77 0.17 5.53	48.30 0.07 2.46
EAST_POINT___SOLAR 323840	50.04 3.08 0.00	44.59 2.59 0.00	42.81 2.23 0.00	43.26 2.19 0.00	40.11 2.12 0.00	51.05 3.01 0.00	87.79 5.97 0.00	81.65 5.45 0.00	59.63 3.49 0.00	55.77 2.11 0.00	50.45 1.19 0.00	42.38 1.00 0.00	38.42 0.58 0.00	35.35 0.46 0.00	37.22 1.01 0.00	38.55 1.12 0.00	38.35 1.59 0.00	39.43 2.17 0.00	45.21 2.92 0.00	56.93 4.13 0.00	74.57 5.58 0.00	65.66 4.60 0.00	72.04 4.91 0.00	54.30 3.61 0.00
EAST_PULASKI___ESR 323781	45.92 -1.05 0.00	40.81 -1.18 0.00	39.40 -1.18 0.00	39.91 -1.16 0.00	36.99 -1.01 0.00	46.99 -1.05 0.00	80.66 -1.16 0.00	75.07 -1.12 0.00	55.20 -0.94 0.00	52.86 -0.80 0.00	48.39 -0.88 0.00	40.49 -0.90 0.00	36.92 -0.91 0.00	34.01 -0.87 0.00	35.34 -0.87 0.00	36.47 -0.96 0.00	35.97 -0.79 0.00	36.63 -0.63 0.00	41.80 -0.48 0.00	52.37 -0.39 0.04	68.49 -0.46 0.05	60.56 -0.49 0.00	66.63 -0.49 0.00	50.17 -0.52 0.00
EAST_RIVER___1 323558	49.00 2.04 0.00	43.72 1.73 0.00	42.35 1.77 0.00	42.80 1.73 0.00	39.76 1.76 0.00	50.39 2.35 0.00	85.89 4.07 0.00	80.41 4.21 0.00	59.52 3.38 0.00	56.78 3.12 0.00	52.06 2.79 0.00	43.71 2.33 0.00	40.18 2.34 0.00	37.13 2.25 0.00	38.39 2.18 0.00	39.76 2.32 0.00	39.07 2.31 0.00	39.56 2.31 0.00	45.02 2.74 0.00	56.28 3.48 0.00	73.31 4.31 0.00	64.38 3.32 0.00	70.45 3.32 0.00	53.09 2.41 0.00
EAST_RIVER___2 323559	49.10 2.13 0.00	43.79 1.80 0.00	42.43 1.85 0.00	42.86 1.79 0.00	39.83 1.83 0.00	50.47 2.43 0.00	86.05 4.23 0.00	80.56 4.36 0.00	59.63 3.49 0.00	56.89 3.23 0.00	52.17 2.91 0.00	43.81 2.43 0.00	40.25 2.41 0.00	37.20 2.31 0.00	38.45 2.24 0.00	39.81 2.38 0.00	39.14 2.38 0.00	39.63 2.37 0.00	45.10 2.82 0.00	56.38 3.58 0.00	73.43 4.43 0.00	64.49 3.43 0.00	70.56 3.44 0.00	53.18 2.50 0.00
EAST___DELAWARE_HYD 23607	49.10 2.13 0.00	43.92 1.93 0.00	42.52 1.94 0.00	43.01 1.94 0.00	39.91 1.91 0.00	50.56 2.52 0.00	86.33 4.50 0.00	80.72 4.52 0.00	59.45 3.31 0.00	56.52 2.86 0.00	51.57 2.31 0.00	43.24 1.85 0.00	39.76 1.92 0.00	36.78 1.90 0.00	38.17 1.96 0.00	39.56 2.13 0.00	38.87 2.11 0.00	39.49 2.23 0.00	44.99 2.70 0.00	56.47 3.67 0.00	73.64 4.64 0.00	64.82 3.77 0.00	70.93 3.81 0.00	53.44 2.75 0.00
EIGHT_POINT___WT_PWR 323820	78.50 -3.92 -35.46	73.46 -2.89 -34.35	71.45 -3.31 -34.18	72.24 -3.34 -34.52	69.97 -2.65 -34.62	84.03 -3.35 -39.34	133.73 -5.68 -57.59	126.92 -5.00 -55.72	97.48 -3.76 -45.10	93.28 -3.53 -43.15	86.20 -3.37 -40.30	73.29 -3.14 -35.05	61.13 -2.97 -26.26	61.18 -2.97 -29.26	62.93 -3.17 -29.89	63.96 -3.58 -30.11	50.46 -3.32 -17.01	62.39 -3.27 -28.40	74.19 -3.48 -35.39	90.68 -4.03 -41.91	107.95 -4.87 -43.83	56.86 -4.20 0.00	63.72 -3.41 0.00	49.37 -1.31 0.00
ELBRIDGE_115KV_TB2 80188	46.65 -0.32 0.00	41.67 -0.32 0.00	40.24 -0.33 0.00	40.77 -0.30 0.00	37.78 -0.21 0.00	47.94 -0.10 0.00	81.79 -0.03 0.00	76.18 -0.02 0.00	56.21 0.07 0.00	53.83 0.17 0.00	49.36 0.09 0.00	41.32 -0.06 0.00	37.75 -0.09 0.00	34.76 -0.12 0.00	36.16 -0.05 0.00	37.36 -0.07 0.00	36.67 -0.10 0.00	37.15 -0.11 0.00	42.15 -0.14 0.00	52.77 -0.02 0.00	69.13 0.13 0.00	61.06 0.01 0.00	67.16 0.03 0.00	50.75 0.07 0.00
ELEC_TRO_TEK 24086	82.22 2.28 -32.97	67.48 1.99 -23.50	63.38 2.05 -20.75	55.31 1.94 -12.29	67.99 1.94 -28.05	70.21 2.35 -19.82	85.02 3.20 0.00	79.81 3.62 0.00	59.22 3.06 -0.01	56.32 2.66 0.00	51.68 2.41 0.00	47.06 2.08 -3.59	49.11 2.11 -9.17	46.92 2.20 -9.84	47.93 2.20 -9.53	49.62 2.41 -9.78	49.31 2.33 -10.22	43.38 2.15 -3.97	45.85 2.50 -1.07	85.52 3.20 -29.52	97.85 4.11 -24.75	98.98 3.23 -34.70	95.87 3.27 -25.47	77.76 2.49 -24.58

ELLENBURG_WT_PWR 323604	48.09 1.13 0.00	42.87 0.88 0.00	41.26 0.68 0.00	41.65 0.58 0.00	37.94 -0.05 0.00	47.04 -1.00 0.00	62.66 -2.68 16.49	49.98 -2.51 23.71	35.49 -2.05 18.60	51.92 -1.74 0.00	48.04 -1.23 0.00	40.72 -0.66 0.00	37.15 -0.69 0.00	28.87 -1.17 4.84	9.99 -1.52 24.69	-21.05 -1.72 56.76	-21.03 -1.63 56.17	-21.02 -1.62 56.67	-21.06 -1.82 61.52	-15.21 -2.42 65.59	65.35 -2.74 0.90	58.96 -2.10 0.00	65.01 -2.11 0.00	49.20 -1.48 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	36.77 -2.28 7.92	32.14 -2.17 7.67	30.49 -2.45 7.64	30.97 -2.39 7.71	27.99 -2.27 7.73	36.95 -2.30 8.79	64.61 -4.35 12.86	59.38 -4.37 12.45	43.05 -3.03 10.06	42.27 -1.77 9.62	38.67 -1.62 8.99	32.10 -1.46 7.83	30.55 -1.47 5.82	26.98 -1.39 6.52	28.29 -1.24 6.68	29.11 -1.59 6.73	31.52 -1.44 3.80	29.10 -1.82 6.35	31.50 -2.88 7.91	40.05 -3.38 9.36	55.95 -3.25 9.79	58.58 -2.47 0.00	65.54 -1.58 0.00	50.23 -0.46 0.00
EMPIRE_CC_1 323656	47.25 0.28 0.00	42.46 0.47 0.00	41.18 0.60 0.00	41.64 0.57 0.00	38.47 0.48 0.00	48.64 0.60 0.00	82.69 0.86 0.00	76.79 0.60 0.00	56.85 0.71 0.00	54.28 0.62 0.00	49.94 0.68 0.00	42.04 0.66 0.00	38.60 0.76 0.00	35.60 0.71 0.00	36.92 0.71 0.00	38.21 0.78 0.00	37.49 0.73 0.00	38.02 0.76 0.00	43.08 0.80 0.00	53.69 0.89 0.00	69.94 0.95 0.00	61.82 0.77 0.00	67.79 0.66 0.00	51.02 0.34 0.00
EMPIRE_CC_2 323658	47.25 0.28 0.00	42.46 0.47 0.00	41.18 0.60 0.00	41.64 0.57 0.00	38.47 0.48 0.00	48.64 0.60 0.00	82.69 0.86 0.00	76.79 0.60 0.00	56.85 0.71 0.00	54.28 0.62 0.00	49.94 0.68 0.00	42.04 0.66 0.00	38.60 0.76 0.00	35.60 0.71 0.00	36.92 0.71 0.00	38.21 0.78 0.00	37.49 0.73 0.00	38.02 0.76 0.00	43.08 0.80 0.00	53.69 0.89 0.00	69.94 0.95 0.00	61.82 0.77 0.00	67.79 0.66 0.00	51.02 0.34 0.00
ENORWICH_115KV_TB1 80156	51.39 2.49 -1.93	45.79 1.93 -1.87	43.74 1.30 -1.87	43.83 0.87 -1.88	40.91 1.02 -1.89	52.68 2.49 -2.15	89.08 4.11 -3.14	82.77 3.53 -3.04	61.14 2.53 -2.46	58.06 2.04 -2.35	53.08 1.61 -2.20	44.24 0.95 -1.91	39.78 0.51 -1.43	36.80 0.32 -1.59	38.45 0.62 -1.63	39.89 0.82 -1.64	38.49 0.80 -0.93	39.84 1.03 -1.55	45.54 1.33 -1.93	57.32 2.24 -2.28	74.32 2.94 -2.39	63.38 2.33 0.00	69.27 2.14 0.00	52.35 1.67 0.00
ERIE_ST_34_KV_TB1-2 80199	38.80 -1.39 6.78	34.03 -1.39 6.57	32.37 -1.67 6.54	32.86 -1.61 6.60	29.85 -1.53 6.62	39.14 -1.37 7.52	68.21 -2.59 11.01	63.00 -2.54 10.65	45.67 -1.87 8.60	44.69 -0.75 8.23	40.91 -0.67 7.68	33.92 -0.76 6.70	32.06 -0.81 4.97	28.44 -0.86 5.58	29.76 -0.74 5.72	30.63 -1.05 5.76	32.64 -0.87 3.25	30.59 -1.24 5.43	33.41 -2.11 6.77	42.44 -2.35 8.02	58.65 -1.96 8.38	59.59 -1.46 0.00	66.51 -0.61 0.00	50.90 0.21 0.00
ERIE_WT_PWR 323693	37.83 -1.92 7.21	33.17 -1.83 6.99	31.50 -2.12 6.95	31.99 -2.07 7.02	28.99 -1.96 7.04	38.17 -1.87 8.00	66.57 -3.54 11.71	61.33 -3.53 11.33	44.55 -2.44 9.15	43.64 -1.26 8.76	39.91 -1.18 8.18	33.12 -1.14 7.13	31.39 -1.17 5.28	27.82 -1.14 5.93	29.20 -0.92 6.08	30.02 -1.29 6.13	32.14 -1.16 3.46	29.95 -1.53 5.78	32.62 -2.46 7.20	41.43 -2.84 8.53	57.42 -2.66 8.92	59.11 -1.94 0.00	66.08 -1.05 0.00	50.68 0.00 0.00
ESPRGFLD_115KV_TB1 80157	49.37 2.40 0.00	43.97 1.98 0.00	42.19 1.61 0.00	42.62 1.55 0.00	39.50 1.50 0.00	50.20 2.16 0.00	86.01 4.19 0.00	80.17 3.97 0.00	58.86 2.72 0.00	55.92 2.26 0.00	51.03 1.76 0.00	42.66 1.28 0.00	38.99 1.15 0.00	35.93 1.05 0.00	37.48 1.27 0.00	38.86 1.43 0.00	38.23 1.46 0.00	38.89 1.63 0.00	44.25 1.96 0.00	55.51 2.71 0.00	72.69 3.69 0.00	64.15 3.09 0.00	70.54 3.41 0.00	53.34 2.66 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	50.76 0.66 -3.13	45.54 0.51 -3.04	44.04 0.44 -3.02	44.57 0.44 -3.05	41.59 0.53 -3.06	52.48 0.97 -3.48	88.79 1.88 -5.09	83.00 1.88 -4.92	61.50 1.37 -3.99	58.84 1.36 -3.82	53.90 1.07 -3.56	45.13 0.65 -3.10	40.66 0.50 -2.31	37.87 0.40 -2.58	39.43 0.58 -2.64	40.70 0.61 -2.66	38.80 0.54 -1.50	40.27 0.51 -2.51	46.08 0.67 -3.13	57.70 1.20 -3.70	74.67 1.81 -3.87	62.48 1.43 0.00	68.67 1.54 0.00	51.90 1.21 0.00
ETNA____115KV_TB2 80207	50.76 0.66 -3.13	45.54 0.51 -3.04	44.04 0.44 -3.02	44.57 0.44 -3.05	41.59 0.53 -3.06	52.48 0.97 -3.48	88.79 1.88 -5.09	83.00 1.88 -4.92	61.50 1.37 -3.99	58.84 1.36 -3.82	53.90 1.07 -3.56	45.13 0.65 -3.10	40.66 0.50 -2.31	37.87 0.40 -2.58	39.43 0.58 -2.64	40.70 0.61 -2.66	38.80 0.54 -1.50	40.27 0.51 -2.51	46.08 0.67 -3.13	57.70 1.20 -3.70	74.67 1.81 -3.87	62.48 1.43 0.00	68.67 1.54 0.00	51.90 1.21 0.00
EUCLID____115KV_TB2 356179	46.32 -0.64 0.00	41.38 -0.61 0.00	39.96 -0.62 0.00	40.48 -0.59 0.00	37.50 -0.50 0.00	47.57 -0.47 0.00	81.18 -0.65 0.00	75.64 -0.56 0.00	55.77 -0.37 0.00	53.42 -0.24 0.00	49.00 -0.27 0.00	41.05 -0.33 0.00	37.50 -0.34 0.00	34.57 -0.31 0.00	35.96 -0.25 0.00	37.17 -0.26 0.00	36.51 -0.25 0.00	36.98 -0.28 0.00	41.93 -0.36 0.00	52.44 -0.36 0.00	68.67 -0.32 0.00	60.66 -0.39 0.00	66.71 -0.41 0.00	50.40 -0.29 0.00
E_CANADA_CAP_HY 24051	49.55 2.58 0.00	44.08 2.09 0.00	42.23 1.65 0.00	42.62 1.55 0.00	39.49 1.49 0.00	50.21 2.17 0.00	86.14 4.32 0.00	80.17 3.98 0.00	58.62 2.48 0.00	55.30 1.64 0.00	50.40 1.13 0.00	42.17 0.78 0.00	38.50 0.67 0.00	35.43 0.55 0.00	36.99 0.79 0.00	38.35 0.92 0.00	37.95 1.19 0.00	38.84 1.58 0.00	44.28 2.00 0.00	55.62 2.82 0.00	72.89 3.89 0.00	64.29 3.24 0.00	70.68 3.56 0.00	53.40 2.72 0.00
E_CANADA_MHWK_HY 24050	46.34 -0.63 0.00	41.76 -0.23 0.00	40.04 -0.54 0.00	40.33 -0.74 0.00	37.49 -0.50 0.00	47.60 -0.45 0.00	81.58 -0.24 0.00	75.26 -0.93 0.00	55.20 -0.94 0.00	51.17 -2.49 0.00	47.13 -2.14 0.00	39.37 -2.01 0.00	36.18 -1.66 0.00	33.41 -1.47 0.00	34.84 -1.37 0.00	36.30 -1.13 0.00	36.02 -0.74 0.00	37.02 -0.24 0.00	42.36 0.08 0.00	53.46 0.59 -0.06	69.51 0.45 -0.07	60.95 -0.11 0.00	66.21 -0.92 0.00	49.55 -1.14 0.00
E_FISHKILL____LBMP 23776	48.38 1.41 0.00	43.26 1.27 0.00	41.92 1.34 0.00	42.37 1.30 0.00	39.31 1.31 0.00	49.76 1.72 0.00	84.77 2.95 0.00	79.34 3.14 0.00	58.69 2.55 0.00	55.91 2.25 0.00	51.26 1.99 0.00	43.03 1.65 0.00	39.51 1.67 0.00	36.47 1.59 0.00	37.80 1.59 0.00	39.17 1.74 0.00	38.46 1.69 0.00	38.94 1.69 0.00	44.31 2.03 0.00	55.41 2.61 0.00	72.16 3.16 0.00	63.51 2.46 0.00	69.51 2.38 0.00	52.38 1.69 0.00
FALCON____SEABRD_CC1 323796	48.70 1.73 0.00	43.41 1.42 0.00	41.81 1.23 0.00	42.19 1.12 0.00	38.46 0.46 0.00	47.64 -0.40 0.00	63.62 -1.71 16.49	50.77 -1.72 23.71	36.22 -1.32 18.60	52.45 -1.21 0.00	48.49 -0.78 0.00	41.06 -0.32 0.00	37.52 -0.31 0.00	29.22 -0.82 4.84	10.42 -1.09 24.69	-20.63 -1.30 56.76	-20.67 -1.27 56.17	-20.64 -1.24 56.67	-20.71 -1.47 61.52	-14.77 -1.98 65.59	65.79 -2.30 0.90	59.32 -1.74 0.00	65.38 -1.74 0.00	49.54 -1.14 0.00

FALCON___SEABRD_CC2 323797	48.70 1.73 0.00	43.41 1.42 0.00	41.81 1.23 0.00	42.19 1.12 0.00	38.46 0.46 0.00	47.64 -0.40 0.00	63.62 -1.71 16.49	50.77 -1.72 23.71	36.22 -1.32 18.60	52.45 -1.21 0.00	48.49 -0.78 0.00	41.06 -0.32 0.00	37.52 -0.31 0.00	29.22 -0.82 4.84	10.42 -1.09 24.69	-20.63 -1.30 56.76	-20.67 -1.27 56.17	-20.64 -1.24 56.67	-20.71 -1.47 61.52	-14.77 -1.98 65.59	65.79 -2.30 0.90	59.32 -1.74 0.00	65.38 -1.74 0.00	49.54 -1.14 0.00
FAR ROCKAWAY___4 23548	112.71 2.84 -62.90	106.54 2.49 -62.06	99.17 2.50 -56.09	76.71 2.42 -33.23	116.04 2.38 -75.67	104.55 2.93 -53.58	86.07 4.24 -0.01	80.76 4.56 0.00	59.93 3.75 -0.04	56.93 3.27 0.00	52.26 2.98 -0.01	53.65 2.55 -9.71	65.15 2.54 -24.77	64.11 2.64 -26.58	64.58 2.62 -25.75	64.76 2.87 -24.46	62.26 2.80 -22.71	47.73 2.58 -7.89	47.50 3.08 -2.14	119.28 3.92 -62.56	140.77 5.10 -66.67	150.03 4.10 -84.88	142.70 4.21 -71.36	115.80 3.27 -61.85
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	49.12 2.15 0.00	43.69 1.69 0.00	42.31 1.73 0.00	42.76 1.69 0.00	39.72 1.73 0.00	50.35 2.31 0.00	85.79 3.97 0.00	80.31 4.11 0.00	59.44 3.30 0.00	56.70 3.04 0.00	52.02 2.75 0.00	43.66 2.28 0.00	40.12 2.28 0.00	37.07 2.18 0.00	38.34 2.13 0.00	39.70 2.27 0.00	39.02 2.25 0.00	39.49 2.24 0.00	44.97 2.69 0.00	56.23 3.43 0.00	73.20 4.21 0.00	64.30 3.24 0.00	70.36 3.23 0.00	53.04 2.36 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	49.04 2.08 0.00	43.75 1.76 0.00	42.38 1.80 0.00	42.82 1.75 0.00	39.78 1.79 0.00	50.42 2.38 0.00	85.94 4.12 0.00	80.45 4.25 0.00	59.54 3.40 0.00	56.80 3.14 0.00	52.09 2.83 0.00	43.73 2.35 0.00	40.19 2.35 0.00	37.13 2.25 0.00	38.41 2.20 0.00	39.76 2.33 0.00	39.08 2.32 0.00	39.57 2.31 0.00	45.06 2.77 0.00	56.33 3.53 0.00	73.35 4.36 0.00	64.42 3.36 0.00	70.48 3.36 0.00	53.14 2.45 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	49.00 2.03 0.00	43.71 1.72 0.00	42.34 1.76 0.00	42.78 1.71 0.00	39.75 1.75 0.00	50.37 2.33 0.00	85.87 4.04 0.00	80.38 4.18 0.00	59.50 3.36 0.00	56.76 3.10 0.00	52.06 2.80 0.00	43.70 2.32 0.00	40.16 2.32 0.00	37.10 2.22 0.00	38.37 2.17 0.00	39.74 2.31 0.00	39.06 2.29 0.00	39.53 2.27 0.00	45.02 2.73 0.00	56.27 3.47 0.00	73.25 4.26 0.00	64.35 3.30 0.00	70.41 3.29 0.00	53.09 2.40 0.00
FARRAGUT___LBMP 323566	48.96 1.99 0.00	43.69 1.69 0.00	42.31 1.73 0.00	42.76 1.69 0.00	39.72 1.73 0.00	50.35 2.31 0.00	85.79 3.97 0.00	80.31 4.11 0.00	59.44 3.30 0.00	56.70 3.04 0.00	52.02 2.75 0.00	43.66 2.28 0.00	40.12 2.28 0.00	37.07 2.18 0.00	38.34 2.13 0.00	39.70 2.27 0.00	39.02 2.25 0.00	39.49 2.24 0.00	44.97 2.69 0.00	56.23 3.43 0.00	73.20 4.21 0.00	64.30 3.24 0.00	70.36 3.23 0.00	53.04 2.36 0.00
FENNER___WINDPWR 24204	47.48 0.52 0.00	42.31 0.32 0.00	40.81 0.24 0.00	41.34 0.27 0.00	38.30 0.30 0.00	48.61 0.57 0.00	83.28 1.45 0.00	77.70 1.51 0.00	57.20 1.06 0.00	54.76 1.10 0.00	50.14 0.87 0.00	41.91 0.52 0.00	38.24 0.40 0.00	35.24 0.36 0.00	36.68 0.47 0.00	38.02 0.58 0.00	37.46 0.69 0.00	37.96 0.70 0.00	43.09 0.81 0.00	53.98 1.18 0.00	70.56 1.57 0.00	62.30 1.25 0.00	68.48 1.35 0.00	51.61 0.92 0.00
FIBERTEK___ENERGY 23856	46.85 -0.12 0.00	41.86 -0.14 0.00	40.43 -0.15 0.00	40.96 -0.12 0.00	37.95 -0.05 0.00	48.17 0.13 0.00	82.24 0.42 0.00	76.62 0.43 0.00	56.50 0.37 0.00	54.11 0.45 0.00	49.61 0.34 0.00	41.55 0.16 0.00	37.95 0.11 0.00	34.97 0.09 0.00	36.38 0.17 0.00	37.60 0.17 0.00	36.93 0.16 0.00	37.41 0.15 0.00	42.46 0.18 0.00	53.11 0.31 0.00	69.56 0.57 0.00	61.41 0.35 0.00	67.52 0.39 0.00	50.99 0.31 0.00
FITZPATRICK____ 23598	45.79 -1.18 0.00	40.90 -1.10 0.00	39.50 -1.08 0.00	40.00 -1.07 0.00	37.04 -0.96 0.00	46.94 -1.10 0.00	80.03 -1.80 0.00	74.53 -1.66 0.00	54.93 -1.21 0.00	52.58 -1.08 0.00	48.24 -1.03 0.00	40.44 -0.94 0.00	36.95 -0.89 0.00	34.05 -0.84 0.00	35.39 -0.82 0.00	36.57 -0.86 0.00	35.93 -0.83 0.00	36.39 -0.86 0.00	41.28 -1.00 0.00	51.61 -1.19 0.00	67.55 -1.44 0.00	59.72 -1.34 0.00	65.68 -1.44 0.00	49.63 -1.05 0.00
FLOWRFLD_69_KV_BK1 356044	53.87 2.44 -4.47	39.62 1.92 4.29	38.26 2.03 4.34	40.30 1.80 2.57	33.96 1.77 5.80	46.02 2.12 4.14	84.07 2.25 0.00	79.05 2.85 0.00	58.62 2.48 0.00	55.80 2.14 0.00	51.16 1.89 0.00	42.07 1.44 0.75	37.55 1.62 1.92	34.72 1.89 2.06	36.12 1.90 1.99	38.45 2.21 1.19	38.99 2.23 0.01	40.02 2.26 -0.50	44.92 2.50 -0.13	56.52 2.93 -0.80	68.42 3.63 4.21	61.75 2.77 2.08	64.64 2.74 5.23	50.58 2.09 2.20
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	48.92 1.95 0.00	43.75 1.76 0.00	42.36 1.79 0.00	42.83 1.76 0.00	39.74 1.74 0.00	50.36 2.32 0.00	85.90 4.08 0.00	80.40 4.20 0.00	59.35 3.20 0.00	56.43 2.77 0.00	51.66 2.39 0.00	43.31 1.93 0.00	39.73 1.89 0.00	36.73 1.84 0.00	38.10 1.89 0.00	39.47 2.03 0.00	38.78 2.02 0.00	39.30 2.04 0.00	44.83 2.55 0.00	56.22 3.42 0.00	73.27 4.27 0.00	64.45 3.40 0.00	70.50 3.38 0.00	53.09 2.40 0.00
FORT ORANGE____ 23900	47.31 0.34 0.00	42.46 0.46 0.00	41.15 0.58 0.00	41.63 0.56 0.00	38.56 0.56 0.00	48.69 0.65 0.00	82.95 1.13 0.00	77.13 0.93 0.00	56.94 0.80 0.00	54.26 0.60 0.00	49.88 0.62 0.00	42.00 0.61 0.00	38.47 0.63 0.00	35.48 0.59 0.00	36.82 0.61 0.00	38.18 0.75 0.00	37.53 0.77 0.00	38.13 0.87 0.00	43.19 0.91 0.00	53.97 1.18 0.00	70.37 1.38 0.00	62.09 1.03 0.00	68.04 0.91 0.00	51.17 0.49 0.00
FORT_DRUM_COGEN 23780	45.94 -1.03 0.00	40.20 -1.80 0.00	38.85 -1.73 0.00	39.36 -1.71 0.00	36.47 -1.53 0.00	46.48 -1.56 0.00	81.77 -0.80 -0.75	76.20 -1.07 -1.07	55.62 -1.37 -0.84	52.46 -1.20 0.00	47.92 -1.35 0.00	39.92 -1.46 0.00	36.20 -1.64 0.00	33.43 -1.67 -0.21	35.52 -1.78 -1.10	37.86 -2.09 -2.52	37.72 -1.54 -2.50	38.88 -0.89 -2.52	44.92 -0.09 -2.73	56.02 0.50 -2.72	69.14 0.32 0.17	61.48 0.42 0.00	67.79 0.67 0.00	50.62 -0.07 0.00
FOX_HILLS___ESR 323835	59.76 2.32 -10.48	56.07 1.99 -12.09	54.99 2.00 -12.42	54.88 1.96 -11.85	54.87 1.99 -14.88	57.05 2.61 -6.40	86.37 4.34 -0.21	83.18 4.51 -2.47	65.23 3.65 -5.45	64.12 3.39 -7.07	63.60 3.06 -11.28	60.71 2.54 -16.80	60.68 2.52 -20.32	60.53 2.42 -23.22	64.06 2.41 -25.45	63.44 2.47 -23.53	61.94 2.50 -22.68	68.38 2.45 -28.67	59.27 3.00 -13.99	94.48 3.79 -37.89	97.70 4.61 -24.10	97.67 3.65 -32.97	98.08 3.66 -27.30	79.21 2.66 -25.86
FPL FAR_ROCK_GT1 24212	112.70 2.83 -62.90	106.42 2.37 -62.06	99.12 2.45 -56.09	76.67 2.37 -33.23	116.04 2.37 -75.67	104.52 2.90 -53.58	86.06 4.23 -0.01	80.75 4.56 0.00	59.90 3.72 -0.04	56.92 3.26 0.00	52.23 2.95 -0.01	53.65 2.55 -9.71	65.15 2.54 -24.77	64.10 2.64 -26.58	64.57 2.61 -25.75	64.76 2.86 -24.46	62.26 2.79 -22.71	47.72 2.56 -7.89	47.49 3.07 -2.14	119.24 3.88 -62.56	140.77 5.10 -66.67	150.03 4.10 -84.88	142.70 4.22 -71.36	115.80 3.27 -61.85

FPL FAR_ROCK_GT2 23815	112.70 2.83 -62.90	106.42 2.37 -62.06	99.12 2.45 -56.09	76.67 2.37 -33.23	116.04 2.37 -75.67	104.52 2.90 -53.58	86.06 4.23 -0.01	80.75 4.56 0.00	59.90 3.72 -0.04	56.92 3.26 0.00	52.23 2.95 -0.01	53.65 2.55 -9.71	65.15 2.54 -24.77	64.10 2.64 -26.58	64.57 2.61 -25.75	64.76 2.86 -24.46	62.26 2.79 -22.71	47.72 2.56 -7.89	47.49 3.07 -2.14	119.24 3.88 -62.56	140.77 5.10 -66.67	150.03 4.10 -84.88	142.70 4.22 -71.36	115.80 3.27 -61.85
FRANKLIN_FALL_HYD 24054	48.22 1.25 0.00	42.92 0.93 0.00	41.30 0.72 0.00	41.71 0.64 0.00	38.06 0.06 0.00	47.42 -0.62 0.00	91.90 -1.57 -11.65	91.63 -1.31 -16.75	68.06 -1.22 -13.14	52.62 -1.04 0.00	48.62 -0.65 0.00	41.16 -0.22 0.00	37.51 -0.33 0.00	37.50 -0.80 -3.42	52.51 -1.15 -17.44	76.23 -1.30 -40.10	75.29 -1.15 -39.67	76.20 -1.08 -40.03	84.64 -1.10 -43.46	96.28 -1.49 -44.97	66.38 -1.78 0.84	59.92 -1.13 0.00	66.07 -1.06 0.00	49.99 -0.70 0.00
FREEPORT_EQUUS_GT1 23764	76.83 2.50 -27.36	64.66 2.10 -20.57	61.00 2.18 -18.25	53.95 2.07 -10.81	64.72 2.07 -24.66	67.83 2.36 -17.43	84.92 3.09 0.00	79.78 3.58 0.00	59.40 3.24 -0.01	56.39 2.73 0.00	51.67 2.40 0.00	46.60 2.06 -3.16	48.01 2.11 -8.06	45.76 2.22 -8.65	46.82 2.24 -8.37	48.35 2.44 -8.48	47.86 2.41 -8.68	42.53 2.13 -3.14	45.64 2.52 -0.85	78.88 3.22 -22.86	93.04 4.18 -19.87	92.34 3.48 -27.80	91.28 3.55 -20.60	73.13 2.69 -19.76
FREEPORT___CT2 23818	76.83 2.50 -27.36	64.66 2.10 -20.57	61.00 2.18 -18.25	53.95 2.07 -10.81	64.72 2.07 -24.66	67.83 2.36 -17.43	84.92 3.09 0.00	79.78 3.58 0.00	59.40 3.24 -0.01	56.39 2.73 0.00	51.67 2.40 0.00	46.60 2.06 -3.16	48.01 2.11 -8.06	45.76 2.22 -8.65	46.82 2.24 -8.37	48.35 2.44 -8.48	47.86 2.41 -8.68	42.53 2.13 -3.14	45.64 2.52 -0.85	78.88 3.22 -22.86	93.04 4.18 -19.87	92.34 3.48 -27.80	91.28 3.55 -20.60	73.13 2.69 -19.76
FRESHKLS_33_KV_LOAD 356253	59.73 2.29 -10.48	56.03 1.95 -12.09	54.93 1.94 -12.42	54.82 1.90 -11.85	54.82 1.94 -14.88	56.98 2.54 -6.40	86.22 4.19 -0.21	83.01 4.35 -2.47	65.09 3.51 -5.45	64.00 3.27 -7.07	63.45 2.91 -11.28	60.61 2.43 -16.80	60.60 2.44 -20.32	60.44 2.33 -23.22	63.97 2.31 -25.45	63.34 2.38 -23.53	61.87 2.43 -22.68	68.30 2.37 -28.67	59.23 2.96 -13.99	94.44 3.75 -37.89	97.63 4.54 -24.10	97.63 3.61 -32.97	97.93 3.51 -27.30	79.09 2.54 -25.86
FULTON COGEN____ 23766	46.07 -0.90 0.00	41.15 -0.84 0.00	39.73 -0.84 0.00	40.24 -0.83 0.00	37.28 -0.71 0.00	47.33 -0.71 0.00	80.83 -0.99 0.00	75.31 -0.88 0.00	55.51 -0.63 0.00	53.15 -0.51 0.00	48.71 -0.56 0.00	40.80 -0.58 0.00	37.25 -0.59 0.00	34.37 -0.51 0.00	35.69 -0.52 0.00	36.94 -0.49 0.00	36.32 -0.44 0.00	36.85 -0.41 0.00	41.82 -0.47 0.00	52.29 -0.51 0.00	68.44 -0.55 0.00	60.40 -0.65 0.00	66.39 -0.74 0.00	50.13 -0.56 0.00
FULTON___LFGE 323630	49.52 2.55 0.00	44.16 2.17 0.00	42.49 1.91 0.00	42.92 1.85 0.00	39.79 1.79 0.00	50.57 2.53 0.00	86.73 4.90 0.00	80.57 4.38 0.00	58.78 2.64 0.00	54.90 1.24 0.00	50.00 0.73 0.00	41.86 0.48 0.00	38.32 0.48 0.00	35.20 0.32 0.00	36.74 0.53 0.00	38.37 0.94 0.00	38.13 1.36 0.00	39.06 1.81 0.00	44.58 2.30 0.00	56.20 3.40 0.00	73.56 4.56 0.00	64.85 3.79 0.00	71.15 4.02 0.00	53.61 2.92 0.00
G.F.CEMENT___DRP 24184	49.10 2.13 0.00	43.99 2.00 0.00	42.56 1.98 0.00	43.03 1.95 0.00	39.82 1.83 0.00	50.56 2.52 0.00	86.54 4.72 0.00	80.42 4.23 0.00	59.03 2.89 0.00	56.28 2.62 0.00	51.68 2.42 0.00	43.44 2.06 0.00	39.60 1.76 0.00	36.39 1.50 0.00	37.72 1.51 0.00	39.06 1.62 0.00	38.74 1.97 0.00	39.75 2.49 0.00	45.24 2.96 0.00	56.46 3.67 0.00	73.62 4.62 0.00	64.82 3.76 0.00	70.95 3.82 0.00	53.13 2.44 0.00
GARDENVILLE___LBMP 24039	37.37 -2.08 7.52	32.72 -1.99 7.28	31.07 -2.26 7.25	31.53 -2.22 7.32	28.56 -2.09 7.34	37.64 -2.06 8.34	65.73 -3.89 12.21	60.49 -3.90 11.81	43.85 -2.74 9.54	43.00 -1.53 9.13	39.34 -1.40 8.53	32.62 -1.32 7.43	30.99 -1.34 5.52	27.41 -1.29 6.18	28.72 -1.15 6.34	29.56 -1.49 6.38	31.81 -1.34 3.61	29.52 -1.71 6.02	32.07 -2.71 7.51	40.77 -3.14 8.89	56.80 -2.90 9.29	58.90 -2.15 0.00	65.89 -1.23 0.00	50.48 -0.21 0.00
GARDNVLA_35_KV_LD 355827	38.10 -1.81 7.05	33.40 -1.75 6.84	31.72 -2.05 6.80	32.21 -2.00 6.87	29.21 -1.90 6.89	38.42 -1.80 7.83	66.90 -3.47 11.46	61.66 -3.45 11.08	44.78 -2.41 8.95	43.92 -1.17 8.57	40.21 -1.06 8.00	33.38 -1.03 6.97	31.61 -1.06 5.16	28.05 -1.04 5.80	29.39 -0.87 5.95	30.23 -1.21 5.99	32.30 -1.08 3.38	30.17 -1.44 5.65	32.80 -2.44 7.04	41.64 -2.82 8.34	57.77 -2.51 8.72	59.23 -1.83 0.00	66.22 -0.90 0.00	50.74 0.05 0.00
GELCKHM___115KV_LOAD 80723	46.51 -0.46 0.00	41.54 -0.45 0.00	40.12 -0.45 0.00	40.64 -0.43 0.00	37.66 -0.34 0.00	47.79 -0.25 0.00	81.55 -0.27 0.00	75.98 -0.21 0.00	56.02 -0.12 0.00	53.66 0.00 0.00	49.21 -0.06 0.00	41.22 -0.17 0.00	37.66 -0.18 0.00	34.71 -0.17 0.00	36.10 -0.11 0.00	37.32 -0.11 0.00	36.66 -0.10 0.00	37.13 -0.13 0.00	42.12 -0.16 0.00	52.68 -0.12 0.00	68.99 0.00 0.00	60.91 -0.14 0.00	66.98 -0.14 0.00	50.60 -0.09 0.00
GENERAL___MILLS 23808	37.83 -1.92 7.21	33.14 -1.86 6.99	31.48 -2.14 6.95	31.96 -2.09 7.02	28.97 -1.98 7.04	38.12 -1.92 8.00	66.45 -3.66 11.71	61.20 -3.67 11.33	44.41 -2.58 9.15	43.55 -1.35 8.76	39.84 -1.25 8.18	33.07 -1.18 7.13	31.37 -1.19 5.28	27.79 -1.16 5.93	29.12 -1.01 6.08	29.95 -1.36 6.13	32.10 -1.21 3.46	29.92 -1.56 5.78	32.51 -2.57 7.20	41.29 -2.98 8.53	57.36 -2.71 8.92	59.06 -2.00 0.00	66.06 -1.06 0.00	50.62 -0.06 0.00
GE_PLASTICS___DRP 24183	47.30 0.33 0.00	42.41 0.42 0.00	41.10 0.52 0.00	41.59 0.52 0.00	38.50 0.51 0.00	48.62 0.58 0.00	82.79 0.96 0.00	76.98 0.78 0.00	56.84 0.70 0.00	54.23 0.57 0.00	49.84 0.58 0.00	41.96 0.58 0.00	38.44 0.60 0.00	35.46 0.57 0.00	36.82 0.61 0.00	38.14 0.71 0.00	37.46 0.69 0.00	38.00 0.74 0.00	43.05 0.77 0.00	53.77 0.97 0.00	70.09 1.09 0.00	61.89 0.84 0.00	67.86 0.73 0.00	51.10 0.42 0.00
GILBOA___1 23756	47.58 0.61 0.00	42.78 0.79 0.00	41.43 0.85 0.00	42.11 1.04 0.00	38.99 0.99 0.00	48.86 0.82 0.00	82.92 1.10 0.00	77.01 0.81 0.00	57.01 0.87 0.00	54.53 0.87 0.00	50.02 0.76 0.00	41.98 0.60 0.00	38.46 0.62 0.00	35.58 0.69 0.00	37.14 0.93 0.00	38.61 1.18 0.00	37.54 0.78 0.00	38.02 0.76 0.00	43.07 0.79 0.00	53.79 0.99 0.00	70.02 1.03 0.00	61.97 0.92 0.00	68.14 1.01 0.00	51.42 0.73 0.00
GILBOA___2 23757	47.58 0.61 0.00	42.78 0.79 0.00	41.43 0.85 0.00	42.11 1.04 0.00	38.99 0.99 0.00	48.86 0.82 0.00	82.92 1.10 0.00	77.01 0.81 0.00	57.01 0.87 0.00	54.53 0.87 0.00	50.02 0.76 0.00	41.98 0.60 0.00	38.46 0.62 0.00	35.58 0.69 0.00	37.14 0.93 0.00	38.61 1.18 0.00	37.54 0.78 0.00	38.02 0.76 0.00	43.07 0.79 0.00	53.79 0.99 0.00	70.02 1.03 0.00	61.97 0.92 0.00	68.14 1.01 0.00	51.42 0.73 0.00

GILBOA___3 23758	47.58 0.61 0.00	42.78 0.79 0.00	41.43 0.85 0.00	42.11 1.04 0.00	38.99 0.99 0.00	48.86 0.82 0.00	82.92 1.10 0.00	77.01 0.81 0.00	57.01 0.87 0.00	54.53 0.87 0.00	50.02 0.76 0.00	41.98 0.60 0.00	38.46 0.62 0.00	35.58 0.69 0.00	37.14 0.93 0.00	38.61 1.18 0.00	37.54 0.78 0.00	38.02 0.76 0.00	43.07 0.79 0.00	53.79 0.99 0.00	70.02 1.03 0.00	61.97 0.92 0.00	68.14 1.01 0.00	51.42 0.73 0.00
GILBOA___4 23759	47.58 0.61 0.00	42.78 0.79 0.00	41.43 0.85 0.00	42.11 1.04 0.00	38.99 0.99 0.00	48.86 0.82 0.00	82.92 1.10 0.00	77.01 0.81 0.00	57.01 0.87 0.00	54.53 0.87 0.00	50.02 0.76 0.00	41.98 0.60 0.00	38.46 0.62 0.00	35.58 0.69 0.00	37.14 0.93 0.00	38.61 1.18 0.00	37.54 0.78 0.00	38.02 0.76 0.00	43.07 0.79 0.00	53.79 0.99 0.00	70.02 1.03 0.00	61.97 0.92 0.00	68.14 1.01 0.00	51.42 0.73 0.00
GILBOA___ 23599	47.59 0.62 0.00	42.79 0.79 0.00	41.42 0.85 0.00	42.11 1.04 0.00	38.99 0.99 0.00	48.87 0.83 0.00	82.92 1.10 0.00	77.02 0.82 0.00	57.02 0.88 0.00	54.54 0.88 0.00	50.03 0.76 0.00	41.98 0.60 0.00	38.47 0.63 0.00	35.58 0.70 0.00	37.15 0.94 0.00	38.62 1.19 0.00	37.55 0.79 0.00	38.02 0.76 0.00	43.08 0.79 0.00	53.79 0.99 0.00	70.04 1.04 0.00	61.98 0.92 0.00	68.14 1.01 0.00	51.42 0.74 0.00
GINNA___ 23603	44.10 -2.87 0.00	39.34 -2.65 0.00	37.85 -2.72 0.00	38.38 -2.69 0.00	35.56 -2.44 0.00	45.31 -2.73 0.00	77.28 -4.54 0.00	71.95 -4.24 0.00	53.22 -2.92 0.00	51.37 -2.29 0.00	47.15 -2.11 0.00	39.54 -1.84 0.00	36.02 -1.82 0.00	33.15 -1.73 0.00	34.47 -1.74 0.00	35.46 -1.98 0.00	34.97 -1.80 0.00	35.32 -1.94 0.00	39.86 -2.42 0.00	49.95 -2.85 0.00	65.71 -3.28 0.00	58.08 -2.97 0.00	64.12 -3.00 0.00	48.69 -1.99 0.00
GLEN PARK___ 23778	46.04 -0.93 0.00	40.32 -1.68 0.00	38.97 -1.60 0.00	39.51 -1.56 0.00	36.61 -1.39 0.00	46.69 -1.35 0.00	82.14 -0.39 -0.71	76.53 -0.68 -1.02	55.85 -1.09 -0.80	52.74 -0.92 0.00	48.16 -1.11 0.00	40.04 -1.34 0.00	36.23 -1.61 0.00	33.44 -1.65 -0.20	35.47 -1.78 -1.04	37.69 -2.13 -2.39	37.60 -1.53 -2.36	38.88 -0.76 -2.38	44.95 0.09 -2.59	56.13 0.76 -2.58	69.56 0.73 0.16	61.79 0.73 0.00	68.09 0.97 0.00	50.83 0.14 0.00
GLENDALE_27_KV_LOAD 356172	49.32 2.35 0.00	44.00 2.01 0.00	42.60 2.02 0.00	43.05 1.98 0.00	40.00 2.01 0.00	50.69 2.65 0.00	86.31 4.48 0.00	80.87 4.68 0.00	59.91 3.77 0.00	57.18 3.52 0.00	52.82 3.19 -0.36	44.89 2.66 -0.85	41.48 2.62 -1.02	37.59 2.50 -0.21	40.07 2.49 -1.37	54.81 2.64 -14.75	40.43 2.61 -1.06	51.22 2.60 -11.37	45.79 3.09 -0.42	56.71 3.92 0.00	73.77 4.77 0.00	64.83 3.77 0.00	70.92 3.80 0.00	54.26 2.79 -0.78
GLENWOOD_IC_1_G1 23712	72.07 2.32 -22.78	55.20 2.01 -11.20	52.16 2.06 -9.52	48.69 1.98 -5.64	52.88 1.98 -12.91	59.62 2.49 -9.09	85.59 3.77 0.00	80.28 4.09 0.00	59.50 3.36 -0.01	56.63 2.97 0.00	51.95 2.68 0.00	45.30 2.27 -1.65	44.33 2.28 -4.20	41.69 2.29 -4.51	42.88 2.30 -4.37	44.97 2.48 -5.06	45.31 2.43 -6.12	42.20 2.32 -2.62	45.71 2.73 -0.70	74.83 3.49 -18.55	84.55 4.40 -11.16	82.73 3.50 -18.18	81.28 3.51 -10.64	65.68 2.62 -12.37
GLENWOOD_IC_2_G1 23688	49.65 2.07 -0.61	43.80 1.77 -0.03	42.41 1.83 0.00	42.84 1.77 0.00	39.78 1.78 0.00	50.30 2.26 0.00	85.37 3.54 0.00	80.02 3.82 0.00	59.26 3.12 0.00	56.45 2.79 0.00	51.77 2.50 0.00	43.49 2.11 0.00	39.96 2.12 0.00	36.99 2.11 0.00	38.31 2.10 0.00	39.75 2.27 -0.05	39.10 2.22 -0.11	39.48 2.15 -0.07	44.82 2.52 -0.02	56.51 3.23 -0.48	73.11 4.05 -0.06	64.51 3.19 -0.27	70.32 3.19 0.00	53.19 2.36 -0.15
GLENWOOD_IC_3_G1 23689	49.65 2.07 -0.61	43.80 1.77 -0.03	42.41 1.83 0.00	42.84 1.77 0.00	39.78 1.78 0.00	50.30 2.26 0.00	85.37 3.54 0.00	80.02 3.82 0.00	59.26 3.12 0.00	56.45 2.79 0.00	51.77 2.50 0.00	43.49 2.11 0.00	39.96 2.12 0.00	36.99 2.11 0.00	38.31 2.10 0.00	39.75 2.27 -0.05	39.10 2.22 -0.11	39.48 2.15 -0.07	44.82 2.52 -0.02	56.51 3.23 -0.48	73.11 4.05 -0.06	64.51 3.19 -0.27	70.32 3.19 0.00	53.19 2.36 -0.15
GLENWOOD___4 23550	72.07 2.32 -22.78	55.20 2.01 -11.20	52.16 2.06 -9.52	48.69 1.98 -5.64	52.88 1.98 -12.91	59.62 2.49 -9.09	85.59 3.77 0.00	80.28 4.09 0.00	59.50 3.36 -0.01	56.63 2.97 0.00	51.95 2.68 0.00	45.30 2.27 -1.65	44.33 2.28 -4.20	41.69 2.29 -4.51	42.88 2.30 -4.37	44.97 2.48 -5.06	45.31 2.43 -6.12	42.20 2.32 -2.62	45.71 2.73 -0.70	74.83 3.49 -18.55	84.55 4.40 -11.16	82.73 3.50 -18.18	81.28 3.51 -10.64	65.68 2.62 -12.37
GLENWOOD___5 23614	72.07 2.32 -22.78	55.20 2.01 -11.20	52.16 2.06 -9.52	48.69 1.98 -5.64	52.88 1.98 -12.91	59.62 2.49 -9.09	85.59 3.77 0.00	80.28 4.09 0.00	59.50 3.36 -0.01	56.63 2.97 0.00	51.95 2.68 0.00	45.30 2.27 -1.65	44.33 2.28 -4.20	41.69 2.29 -4.51	42.88 2.30 -4.37	44.97 2.48 -5.06	45.31 2.43 -6.12	42.20 2.32 -2.62	45.71 2.73 -0.70	74.83 3.49 -18.55	84.55 4.40 -11.16	82.73 3.50 -18.18	81.28 3.51 -10.64	65.68 2.62 -12.37
GLOBAL GREEN_PORT_GT1 23814	53.88 2.75 -4.17	39.51 2.10 4.59	38.54 2.57 4.61	40.75 2.41 2.73	34.18 2.34 6.17	46.57 2.93 4.40	85.47 3.65 0.00	80.67 4.48 0.00	60.09 3.95 0.00	57.21 3.55 0.00	52.35 3.08 0.00	42.57 1.98 0.79	37.79 1.98 2.03	35.14 2.43 2.18	36.55 2.45 2.11	38.95 2.82 1.30	39.63 2.98 0.11	40.88 3.15 -0.47	44.46 2.06 -0.12	55.13 1.81 -0.52	66.75 2.24 4.49	60.12 1.51 2.44	62.85 1.25 5.53	49.12 0.89 2.46
GLOBE___DSASP 323697	34.01 -3.80 9.16	29.57 -3.55 8.87	27.92 -3.83 8.83	28.37 -3.79 8.91	25.47 -3.58 8.94	33.84 -4.04 10.16	59.30 -7.65 14.87	54.26 -7.55 14.39	39.24 -5.26 11.64	38.74 -3.78 11.14	35.50 -3.37 10.40	29.55 -2.77 9.05	28.44 -2.70 6.70	24.92 -2.44 7.53	26.17 -2.32 7.72	26.96 -2.70 7.78	29.82 -2.55 4.39	26.95 -2.97 7.34	28.80 -4.34 9.14	36.66 -5.32 10.82	51.82 -5.85 11.32	56.35 -4.71 0.00	63.18 -3.95 0.00	48.50 -2.19 0.00
GOETHSLN___LBMP 323567	48.75 1.78 0.00	43.51 1.52 0.00	42.15 1.57 0.00	42.60 1.52 0.00	39.59 1.59 0.00	50.18 2.14 0.00	85.53 3.71 0.00	80.02 3.83 0.00	59.20 3.06 0.00	56.45 2.79 0.00	51.76 2.49 0.00	43.46 2.08 0.00	39.93 2.09 0.00	36.89 2.00 0.00	38.17 1.96 0.00	39.52 2.09 0.00	38.83 2.07 0.00	39.32 2.06 0.00	44.78 2.50 0.00	55.98 3.18 0.00	72.91 3.92 0.00	64.03 2.98 0.00	70.06 2.94 0.00	52.84 2.15 0.00
GOLAH___69_KV_TB 1_2 80279	44.24 -0.97 1.76	39.31 -0.98 1.70	37.71 -1.17 1.69	38.24 -1.12 1.71	35.27 -1.01 1.72	45.31 -0.78 1.95	77.62 -1.34 2.85	72.16 -1.27 2.76	53.18 -0.72 2.25	51.50 -0.01 2.15	47.20 -0.06 2.01	39.41 -0.23 1.74	36.15 -0.44 1.26	33.01 -0.46 1.41	34.21 -0.53 1.47	35.16 -0.78 1.49	35.33 -0.60 0.84	35.11 -0.74 1.41	39.35 -1.18 1.75	49.73 -1.00 2.07	66.35 -0.48 2.17	60.67 -0.39 0.00	67.19 0.07 0.00	51.12 0.44 0.00

GOODYEAR_LAKE_HYD 323669	48.71 1.74 0.00	43.54 1.55 0.00	41.97 1.39 0.00	42.47 1.40 0.00	39.37 1.37 0.00	49.89 1.85 0.00	85.25 3.42 0.00	79.41 3.22 0.00	58.55 2.41 0.00	55.88 2.22 0.00	51.12 1.85 0.00	42.77 1.39 0.00	39.16 1.32 0.00	36.14 1.25 0.00	37.66 1.45 0.00	39.07 1.64 0.00	38.28 1.51 0.00	38.79 1.53 0.00	44.07 1.78 0.00	55.17 2.37 0.00	72.09 3.10 0.00	63.62 2.57 0.00	69.91 2.78 0.00	52.80 2.11 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	47.21 0.24 0.00	42.15 0.16 0.00	40.70 0.12 0.00	41.23 0.16 0.00	38.23 0.24 0.00	48.53 0.50 0.00	82.85 1.03 0.00	77.28 1.09 0.00	56.89 0.75 0.00	54.52 0.86 0.00	49.99 0.72 0.00	41.67 0.29 0.00	38.15 0.31 0.00	35.11 0.23 0.00	36.56 0.35 0.00	37.74 0.31 0.00	37.05 0.29 0.00	37.41 0.15 0.00	42.40 0.12 0.00	53.13 0.34 0.00	69.75 0.76 0.00	61.63 0.57 0.00	67.94 0.81 0.00	51.43 0.74 0.00
GOUDEY___7 23579	47.21 0.24 0.00	42.15 0.16 0.00	40.70 0.12 0.00	41.23 0.16 0.00	38.23 0.24 0.00	48.53 0.50 0.00	82.85 1.03 0.00	77.28 1.09 0.00	56.89 0.75 0.00	54.52 0.86 0.00	49.99 0.72 0.00	41.67 0.29 0.00	38.15 0.31 0.00	35.11 0.23 0.00	36.56 0.35 0.00	37.74 0.31 0.00	37.05 0.29 0.00	37.41 0.15 0.00	42.40 0.12 0.00	53.13 0.34 0.00	69.75 0.76 0.00	61.63 0.57 0.00	67.94 0.81 0.00	51.43 0.74 0.00
GOUDEY___8 23580	47.21 0.24 0.00	42.15 0.16 0.00	40.70 0.12 0.00	41.23 0.16 0.00	38.23 0.24 0.00	48.53 0.50 0.00	82.85 1.03 0.00	77.28 1.09 0.00	56.89 0.75 0.00	54.52 0.86 0.00	49.99 0.72 0.00	41.67 0.29 0.00	38.15 0.31 0.00	35.11 0.23 0.00	36.56 0.35 0.00	37.74 0.31 0.00	37.05 0.29 0.00	37.41 0.15 0.00	42.40 0.12 0.00	53.13 0.34 0.00	69.75 0.76 0.00	61.63 0.57 0.00	67.94 0.81 0.00	51.43 0.74 0.00
GOWANUS_GT1_1 24077	59.87 2.42 -10.48	56.17 2.09 -12.09	55.11 2.11 -12.42	54.99 2.07 -11.85	54.97 2.09 -14.88	57.18 2.74 -6.40	86.65 4.62 -0.21	83.46 4.79 -2.47	65.43 3.84 -5.45	64.30 3.57 -7.07	63.78 3.24 -11.28	60.85 2.67 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.17 2.51 -25.45	91.45 2.63 -51.39	62.06 2.62 -22.68	91.57 2.59 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.89 4.80 -24.10	97.83 3.81 -32.97	98.29 3.87 -27.30	85.52 2.84 -31.99
GOWANUS_GT1_2 24078	59.87 2.42 -10.48	56.17 2.09 -12.09	55.11 2.11 -12.42	54.99 2.07 -11.85	54.97 2.09 -14.88	57.18 2.74 -6.40	86.65 4.62 -0.21	83.46 4.79 -2.47	65.43 3.84 -5.45	64.30 3.57 -7.07	63.78 3.24 -11.28	60.85 2.67 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.17 2.51 -25.45	91.45 2.63 -51.39	62.06 2.62 -22.68	91.57 2.59 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.89 4.80 -24.10	97.83 3.81 -32.97	98.29 3.87 -27.30	85.52 2.84 -31.99
GOWANUS_GT1_3 24079	59.87 2.42 -10.48	56.17 2.09 -12.09	55.11 2.11 -12.42	54.99 2.07 -11.85	54.97 2.09 -14.88	57.18 2.74 -6.40	86.65 4.62 -0.21	83.46 4.79 -2.47	65.43 3.84 -5.45	64.30 3.57 -7.07	63.78 3.24 -11.28	60.85 2.67 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.17 2.51 -25.45	91.45 2.63 -51.39	62.06 2.62 -22.68	91.57 2.59 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.89 4.80 -24.10	97.83 3.81 -32.97	98.29 3.87 -27.30	85.52 2.84 -31.99
GOWANUS_GT1_4 24080	59.87 2.42 -10.48	56.17 2.09 -12.09	55.11 2.11 -12.42	54.99 2.07 -11.85	54.97 2.09 -14.88	57.18 2.74 -6.40	86.65 4.62 -0.21	83.46 4.79 -2.47	65.43 3.84 -5.45	64.30 3.57 -7.07	63.78 3.24 -11.28	60.85 2.67 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.17 2.51 -25.45	91.45 2.63 -51.39	62.06 2.62 -22.68	91.57 2.59 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.89 4.80 -24.10	97.83 3.81 -32.97	98.29 3.87 -27.30	85.52 2.84 -31.99
GOWANUS_GT1_5 24084	59.87 2.42 -10.48	56.17 2.09 -12.09	55.11 2.11 -12.42	54.99 2.07 -11.85	54.97 2.09 -14.88	57.18 2.74 -6.40	86.65 4.62 -0.21	83.46 4.79 -2.47	65.43 3.84 -5.45	64.30 3.57 -7.07	63.78 3.24 -11.28	60.85 2.67 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.17 2.51 -25.45	91.45 2.63 -51.39	62.06 2.62 -22.68	91.57 2.59 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.89 4.80 -24.10	97.83 3.81 -32.97	98.29 3.87 -27.30	85.52 2.84 -31.99
GOWANUS_GT1_6 24111	59.87 2.42 -10.48	56.17 2.09 -12.09	55.11 2.11 -12.42	54.99 2.07 -11.85	54.97 2.09 -14.88	57.18 2.74 -6.40	86.65 4.62 -0.21	83.46 4.79 -2.47	65.43 3.84 -5.45	64.30 3.57 -7.07	63.78 3.24 -11.28	60.85 2.67 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.17 2.51 -25.45	91.45 2.63 -51.39	62.06 2.62 -22.68	91.57 2.59 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.89 4.80 -24.10	97.83 3.81 -32.97	98.29 3.87 -27.30	85.52 2.84 -31.99
GOWANUS_GT1_7 24112	59.87 2.42 -10.48	56.17 2.09 -12.09	55.11 2.11 -12.42	54.99 2.07 -11.85	54.97 2.09 -14.88	57.18 2.74 -6.40	86.65 4.62 -0.21	83.46 4.79 -2.47	65.43 3.84 -5.45	64.30 3.57 -7.07	63.78 3.24 -11.28	60.85 2.67 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.17 2.51 -25.45	91.45 2.63 -51.39	62.06 2.62 -22.68	91.57 2.59 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.89 4.80 -24.10	97.83 3.81 -32.97	98.29 3.87 -27.30	85.52 2.84 -31.99
GOWANUS_GT1_8 24113	59.87 2.42 -10.48	56.17 2.09 -12.09	55.11 2.11 -12.42	54.99 2.07 -11.85	54.97 2.09 -14.88	57.18 2.74 -6.40	86.65 4.62 -0.21	83.46 4.79 -2.47	65.43 3.84 -5.45	64.30 3.57 -7.07	63.78 3.24 -11.28	60.85 2.67 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.17 2.51 -25.45	91.45 2.63 -51.39	62.06 2.62 -22.68	91.57 2.59 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.89 4.80 -24.10	97.83 3.81 -32.97	98.29 3.87 -27.30	85.52 2.84 -31.99
GOWANUS_GT2_1 24114	59.85 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.78 3.24 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.50 -25.45	91.44 2.62 -51.39	62.07 2.62 -22.68	91.58 2.61 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.90 4.81 -24.10	97.84 3.82 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
GOWANUS_GT2_2 24115	59.85 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.78 3.24 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.50 -25.45	91.44 2.62 -51.39	62.07 2.62 -22.68	91.58 2.61 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.90 4.81 -24.10	97.84 3.82 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
GOWANUS_GT2_3 24116	59.85 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.78 3.24 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.50 -25.45	91.44 2.62 -51.39	62.07 2.62 -22.68	91.58 2.61 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.90 4.81 -24.10	97.84 3.82 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99

GOWANUS_GT2_4 24117	59.85 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.78 3.24 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.50 -25.45	91.44 2.62 -51.39	62.07 2.62 -22.68	91.58 2.61 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.90 4.81 -24.10	97.84 3.82 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
GOWANUS_GT2_5 24118	59.85 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.78 3.24 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.50 -25.45	91.44 2.62 -51.39	62.07 2.62 -22.68	91.58 2.61 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.90 4.81 -24.10	97.84 3.82 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
GOWANUS_GT2_6 24119	59.85 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.78 3.24 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.50 -25.45	91.44 2.62 -51.39	62.07 2.62 -22.68	91.58 2.61 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.90 4.81 -24.10	97.84 3.82 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
GOWANUS_GT2_7 24120	59.85 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.78 3.24 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.50 -25.45	91.44 2.62 -51.39	62.07 2.62 -22.68	91.58 2.61 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.90 4.81 -24.10	97.84 3.82 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
GOWANUS_GT2_8 24121	59.85 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.78 3.24 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.50 -25.45	91.44 2.62 -51.39	62.07 2.62 -22.68	91.58 2.61 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.90 4.81 -24.10	97.84 3.82 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
GOWANUS_GT3_1 24122	59.84 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.77 3.23 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.49 -25.45	91.43 2.61 -51.39	62.05 2.61 -22.68	91.56 2.59 -51.71	59.37 3.09 -13.99	94.59 3.91 -37.89	97.88 4.79 -24.10	97.82 3.80 -32.97	98.29 3.87 -27.30	85.52 2.84 -31.99
GOWANUS_GT3_2 24123	59.84 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.77 3.23 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.49 -25.45	91.43 2.61 -51.39	62.05 2.61 -22.68	91.56 2.59 -51.71	59.37 3.09 -13.99	94.59 3.91 -37.89	97.88 4.79 -24.10	97.82 3.80 -32.97	98.29 3.87 -27.30	85.52 2.84 -31.99
GOWANUS_GT3_3 24124	59.84 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.77 3.23 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.49 -25.45	91.43 2.61 -51.39	62.05 2.61 -22.68	91.56 2.59 -51.71	59.37 3.09 -13.99	94.59 3.91 -37.89	97.88 4.79 -24.10	97.82 3.80 -32.97	98.29 3.87 -27.30	85.52 2.84 -31.99
GOWANUS_GT3_4 24125	59.84 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.77 3.23 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.49 -25.45	91.43 2.61 -51.39	62.05 2.61 -22.68	91.56 2.59 -51.71	59.37 3.09 -13.99	94.59 3.91 -37.89	97.88 4.79 -24.10	97.82 3.80 -32.97	98.29 3.87 -27.30	85.52 2.84 -31.99
GOWANUS_GT3_5 24126	59.84 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.77 3.23 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.49 -25.45	91.43 2.61 -51.39	62.05 2.61 -22.68	91.56 2.59 -51.71	59.37 3.09 -13.99	94.59 3.91 -37.89	97.88 4.79 -24.10	97.82 3.80 -32.97	98.29 3.87 -27.30	85.52 2.84 -31.99
GOWANUS_GT3_6 24127	59.84 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.77 3.23 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.49 -25.45	91.43 2.61 -51.39	62.05 2.61 -22.68	91.56 2.59 -51.71	59.37 3.09 -13.99	94.59 3.91 -37.89	97.88 4.79 -24.10	97.82 3.80 -32.97	98.29 3.87 -27.30	85.52 2.84 -31.99
GOWANUS_GT3_7 24128	59.84 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.77 3.23 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.49 -25.45	91.43 2.61 -51.39	62.05 2.61 -22.68	91.56 2.59 -51.71	59.37 3.09 -13.99	94.59 3.91 -37.89	97.88 4.79 -24.10	97.82 3.80 -32.97	98.29 3.87 -27.30	85.52 2.84 -31.99
GOWANUS_GT3_8 24129	59.84 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.77 3.23 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.49 -25.45	91.43 2.61 -51.39	62.05 2.61 -22.68	91.56 2.59 -51.71	59.37 3.09 -13.99	94.59 3.91 -37.89	97.88 4.79 -24.10	97.82 3.80 -32.97	98.29 3.87 -27.30	85.52 2.84 -31.99
GOWANUS_GT4_1 24130	59.87 2.42 -10.48	56.17 2.09 -12.09	55.11 2.11 -12.42	54.99 2.07 -11.85	54.97 2.09 -14.88	57.18 2.74 -6.40	86.65 4.62 -0.21	83.46 4.79 -2.47	65.43 3.84 -5.45	64.30 3.57 -7.07	63.79 3.24 -11.28	60.86 2.68 -16.80	60.81 2.65 -20.32	60.64 2.53 -23.22	64.18 2.52 -25.45	91.45 2.63 -51.39	62.08 2.63 -22.68	91.58 2.60 -51.71	59.39 3.12 -13.99	94.62 3.93 -37.89	97.90 4.81 -24.10	97.86 3.83 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
GOWANUS_GT4_2 24131	59.87 2.42 -10.48	56.17 2.09 -12.09	55.11 2.11 -12.42	54.99 2.07 -11.85	54.97 2.09 -14.88	57.18 2.74 -6.40	86.65 4.62 -0.21	83.46 4.79 -2.47	65.43 3.84 -5.45	64.30 3.57 -7.07	63.79 3.24 -11.28	60.86 2.68 -16.80	60.81 2.65 -20.32	60.64 2.53 -23.22	64.18 2.52 -25.45	91.45 2.63 -51.39	62.08 2.63 -22.68	91.58 2.60 -51.71	59.39 3.12 -13.99	94.62 3.93 -37.89	97.90 4.81 -24.10	97.86 3.83 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99

GOWANUS_GT4_3 24132	59.87 2.42 -10.48	56.17 2.09 -12.09	55.11 2.11 -12.42	54.99 2.07 -11.85	54.97 2.09 -14.88	57.18 2.74 -6.40	86.65 4.62 -0.21	83.46 4.79 -2.47	65.43 3.84 -5.45	64.30 3.57 -7.07	63.79 3.24 -11.28	60.86 2.68 -16.80	60.81 2.65 -20.32	60.64 2.53 -23.22	64.18 2.52 -25.45	91.45 2.63 -51.39	62.08 2.63 -22.68	91.58 2.60 -51.71	59.39 3.12 -13.99	94.62 3.93 -37.89	97.90 4.81 -24.10	97.86 3.83 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
GOWANUS_GT4_4 24133	59.87 2.42 -10.48	56.17 2.09 -12.09	55.11 2.11 -12.42	54.99 2.07 -11.85	54.97 2.09 -14.88	57.18 2.74 -6.40	86.65 4.62 -0.21	83.46 4.79 -2.47	65.43 3.84 -5.45	64.30 3.57 -7.07	63.79 3.24 -11.28	60.86 2.68 -16.80	60.81 2.65 -20.32	60.64 2.53 -23.22	64.18 2.52 -25.45	91.45 2.63 -51.39	62.08 2.63 -22.68	91.58 2.60 -51.71	59.39 3.12 -13.99	94.62 3.93 -37.89	97.90 4.81 -24.10	97.86 3.83 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
GOWANUS_GT4_5 24134	59.87 2.42 -10.48	56.17 2.09 -12.09	55.11 2.11 -12.42	54.99 2.07 -11.85	54.97 2.09 -14.88	57.18 2.74 -6.40	86.65 4.62 -0.21	83.46 4.79 -2.47	65.43 3.84 -5.45	64.30 3.57 -7.07	63.79 3.24 -11.28	60.86 2.68 -16.80	60.81 2.65 -20.32	60.64 2.53 -23.22	64.18 2.52 -25.45	91.45 2.63 -51.39	62.08 2.63 -22.68	91.58 2.60 -51.71	59.39 3.12 -13.99	94.62 3.93 -37.89	97.90 4.81 -24.10	97.86 3.83 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
GOWANUS_GT4_6 24135	59.87 2.42 -10.48	56.17 2.09 -12.09	55.11 2.11 -12.42	54.99 2.07 -11.85	54.97 2.09 -14.88	57.18 2.74 -6.40	86.65 4.62 -0.21	83.46 4.79 -2.47	65.43 3.84 -5.45	64.30 3.57 -7.07	63.79 3.24 -11.28	60.86 2.68 -16.80	60.81 2.65 -20.32	60.64 2.53 -23.22	64.18 2.52 -25.45	91.45 2.63 -51.39	62.08 2.63 -22.68	91.58 2.60 -51.71	59.39 3.12 -13.99	94.62 3.93 -37.89	97.90 4.81 -24.10	97.86 3.83 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
GOWANUS_GT4_7 24136	59.87 2.42 -10.48	56.17 2.09 -12.09	55.11 2.11 -12.42	54.99 2.07 -11.85	54.97 2.09 -14.88	57.18 2.74 -6.40	86.65 4.62 -0.21	83.46 4.79 -2.47	65.43 3.84 -5.45	64.30 3.57 -7.07	63.79 3.24 -11.28	60.86 2.68 -16.80	60.81 2.65 -20.32	60.64 2.53 -23.22	64.18 2.52 -25.45	91.45 2.63 -51.39	62.08 2.63 -22.68	91.58 2.60 -51.71	59.39 3.12 -13.99	94.62 3.93 -37.89	97.90 4.81 -24.10	97.86 3.83 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
GOWANUS_GT4_8 24137	59.87 2.42 -10.48	56.17 2.09 -12.09	55.11 2.11 -12.42	54.99 2.07 -11.85	54.97 2.09 -14.88	57.18 2.74 -6.40	86.65 4.62 -0.21	83.46 4.79 -2.47	65.43 3.84 -5.45	64.30 3.57 -7.07	63.79 3.24 -11.28	60.86 2.68 -16.80	60.81 2.65 -20.32	60.64 2.53 -23.22	64.18 2.52 -25.45	91.45 2.63 -51.39	62.08 2.63 -22.68	91.58 2.60 -51.71	59.39 3.12 -13.99	94.62 3.93 -37.89	97.90 4.81 -24.10	97.86 3.83 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
GREENBSH_115KV_TB3 55895	47.06 0.09 0.00	42.23 0.24 0.00	40.94 0.36 0.00	41.41 0.33 0.00	38.35 0.36 0.00	48.41 0.37 0.00	82.41 0.59 0.00	76.62 0.42 0.00	56.60 0.46 0.00	54.03 0.37 0.00	49.72 0.45 0.00	41.88 0.50 0.00	38.37 0.53 0.00	35.38 0.49 0.00	36.73 0.52 0.00	38.05 0.62 0.00	37.39 0.62 0.00	37.93 0.67 0.00	42.92 0.64 0.00	53.58 0.79 0.00	69.82 0.83 0.00	61.64 0.59 0.00	67.57 0.44 0.00	50.83 0.14 0.00
GREENIDGE_115KV_TB5 80291	61.31 -0.86 -15.20	55.94 -0.78 -14.73	54.44 -0.79 -14.65	55.08 -0.78 -14.80	52.51 -0.32 -14.84	64.44 -0.46 -16.86	105.06 -1.45 -24.69	98.92 -1.16 -23.89	74.75 -0.72 -19.33	71.73 -0.43 -18.50	66.29 -0.26 -17.27	56.25 -0.17 -15.02	48.42 -0.64 -11.22	46.52 -0.87 -12.50	48.12 -0.88 -12.79	49.24 -1.08 -12.89	43.46 -0.58 -7.28	48.92 -0.49 -12.15	56.90 -0.53 -15.15	70.00 -0.73 -17.94	86.84 -0.92 -18.76	60.86 -0.19 0.00	67.15 0.03 0.00	51.34 0.66 0.00
GREENIDGE___3 23582	61.31 -0.86 -15.20	55.94 -0.78 -14.73	54.44 -0.79 -14.65	55.08 -0.78 -14.80	52.51 -0.32 -14.84	64.44 -0.46 -16.86	105.06 -1.45 -24.69	98.92 -1.16 -23.89	74.75 -0.72 -19.33	71.73 -0.43 -18.50	66.29 -0.26 -17.27	56.25 -0.17 -15.02	48.42 -0.64 -11.22	46.52 -0.87 -12.50	48.12 -0.88 -12.79	49.24 -1.08 -12.89	43.46 -0.58 -7.28	48.92 -0.49 -12.15	56.90 -0.53 -15.15	70.00 -0.73 -17.94	86.84 -0.92 -18.76	60.86 -0.19 0.00	67.15 0.03 0.00	51.34 0.66 0.00
GREENIDGE___4 23583	61.31 -0.86 -15.20	55.94 -0.78 -14.73	54.45 -0.78 -14.65	55.08 -0.78 -14.80	52.52 -0.32 -14.84	64.46 -0.44 -16.86	105.06 -1.45 -24.69	98.91 -1.17 -23.89	74.73 -0.74 -19.33	71.75 -0.41 -18.50	66.34 -0.20 -17.27	56.26 -0.15 -15.02	48.43 -0.64 -11.22	46.53 -0.85 -12.50	48.13 -0.86 -12.79	49.24 -1.08 -12.89	43.47 -0.58 -7.28	48.93 -0.48 -12.15	56.91 -0.52 -15.15	70.02 -0.72 -17.94	86.84 -0.91 -18.76	60.87 -0.19 0.00	67.15 0.03 0.00	51.36 0.67 0.00
GREENLWN_69_KV_BK 3 55738	54.80 2.45 -5.39	40.68 2.07 3.38	39.19 2.13 3.52	40.97 1.98 2.08	35.23 1.93 4.69	46.97 2.29 3.36	84.62 2.80 0.00	79.45 3.25 0.00	58.91 2.77 0.00	56.03 2.37 0.00	51.46 2.19 0.00	42.62 1.86 0.61	38.23 1.94 1.55	35.32 2.10 1.67	36.70 2.11 1.61	38.95 2.34 0.83	39.37 2.29 -0.32	40.02 2.15 -0.61	44.90 2.46 -0.16	57.47 3.04 -1.63	69.46 3.81 3.35	63.05 2.99 0.99	65.78 2.97 4.32	51.56 2.29 1.41
GREENWD_138_KV_38B11_REV_LBMP_J 345004	59.87 2.42 -10.48	56.17 2.09 -12.09	55.11 2.11 -12.42	54.99 2.07 -11.85	54.97 2.09 -14.88	57.18 2.74 -6.40	86.65 4.62 -0.21	83.46 4.79 -2.47	65.43 3.84 -5.45	64.30 3.57 -7.07	63.79 3.24 -11.28	60.86 2.68 -16.80	60.81 2.65 -20.32	60.64 2.53 -23.22	64.18 2.52 -25.45	91.45 2.63 -51.39	62.08 2.63 -22.68	91.58 2.60 -51.71	59.39 3.12 -13.99	94.62 3.93 -37.89	97.90 4.81 -24.10	97.86 3.83 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
GRISSOM___SOLAR 323813	49.40 2.43 0.00	44.09 2.10 0.00	42.47 1.90 0.00	42.92 1.85 0.00	39.78 1.79 0.00	50.54 2.50 0.00	86.64 4.82 0.00	80.40 4.20 0.00	58.65 2.51 0.00	54.62 0.96 0.00	49.69 0.42 0.00	41.64 0.26 0.00	38.15 0.31 0.00	35.05 0.16 0.00	36.56 0.35 0.00	38.31 0.88 0.00	38.08 1.31 0.00	38.99 1.73 0.00	44.49 2.21 0.00	56.14 3.34 0.00	73.46 4.47 0.00	64.77 3.71 0.00	71.05 3.92 0.00	53.50 2.82 0.00
GROVEVILLE___HYD 323602	48.92 1.95 0.00	43.75 1.76 0.00	42.36 1.79 0.00	42.83 1.76 0.00	39.74 1.74 0.00	50.36 2.32 0.00	85.90 4.08 0.00	80.40 4.20 0.00	59.35 3.20 0.00	56.43 2.77 0.00	51.66 2.39 0.00	43.31 1.93 0.00	39.73 1.89 0.00	36.73 1.84 0.00	38.10 1.89 0.00	39.47 2.03 0.00	38.78 2.02 0.00	39.30 2.04 0.00	44.83 2.55 0.00	56.22 3.42 0.00	73.27 4.27 0.00	64.45 3.40 0.00	70.50 3.38 0.00	53.09 2.40 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	46.85 -0.12 0.00	41.86 -0.14 0.00	40.43 -0.15 0.00	40.96 -0.12 0.00	37.95 -0.05 0.00	48.17 0.13 0.00	82.24 0.42 0.00	76.62 0.43 0.00	56.50 0.37 0.00	54.11 0.45 0.00	49.61 0.34 0.00	41.55 0.16 0.00	37.95 0.11 0.00	34.97 0.09 0.00	36.38 0.17 0.00	37.60 0.17 0.00	36.93 0.16 0.00	37.41 0.15 0.00	42.46 0.18 0.00	53.11 0.31 0.00	69.56 0.57 0.00	61.41 0.35 0.00	67.52 0.39 0.00	50.99 0.31 0.00

HAMLTNNY_34_KV_TB 80303	46.95 -0.02 0.00	41.94 -0.05 0.00	40.50 -0.07 0.00	41.04 -0.03 0.00	38.04 0.05 0.00	48.30 0.26 0.00	82.45 0.63 0.00	76.82 0.63 0.00	56.68 0.54 0.00	54.30 0.64 0.00	49.72 0.46 0.00	41.62 0.23 0.00	38.10 0.26 0.00	35.10 0.22 0.00	36.47 0.26 0.00	37.66 0.22 0.00	36.97 0.20 0.00	37.46 0.20 0.00	42.50 0.22 0.00	53.24 0.44 0.00	69.78 0.78 0.00	61.62 0.56 0.00	67.79 0.66 0.00	51.23 0.54 0.00
HAMPSHIRE___PAPER_HYD 323593	45.91 -1.06 0.00	40.47 -1.53 0.00	39.06 -1.52 0.00	39.50 -1.57 0.00	36.46 -1.53 0.00	46.15 -1.89 0.00	81.45 -2.23 -1.85	76.57 -2.29 -2.66	56.08 -2.14 -2.09	51.64 -2.03 0.00	47.38 -1.89 0.00	39.75 -1.63 0.00	36.23 -1.62 0.00	33.80 -1.63 -0.54	37.16 -1.81 -2.76	41.74 -2.05 -6.35	41.31 -1.75 -6.29	42.12 -1.48 -6.34	48.01 -1.16 -6.89	58.35 -1.27 -6.82	66.34 -2.19 0.47	59.65 -1.41 0.00	65.83 -1.29 0.00	49.46 -1.22 0.00
HARDSCRABBLE_WT_PWR 323673	46.52 -0.45 0.00	41.83 -0.17 0.00	39.98 -0.59 0.00	40.24 -0.83 0.00	37.37 -0.63 0.00	47.44 -0.60 0.00	81.33 -0.50 0.00	75.11 -1.09 0.00	55.12 -1.02 0.00	51.26 -2.40 0.00	47.16 -2.11 0.00	39.44 -1.94 0.00	36.21 -1.63 0.00	33.43 -1.45 0.00	34.84 -1.37 0.00	36.26 -1.17 0.00	35.95 -0.81 0.00	36.89 -0.37 0.00	42.17 -0.11 0.00	53.15 0.28 -0.06	69.17 0.10 -0.07	60.68 -0.37 0.00	66.03 -1.10 0.00	49.49 -1.19 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	48.54 1.57 0.00	43.41 1.42 0.00	42.04 1.46 0.00	42.49 1.42 0.00	39.44 1.44 0.00	50.00 1.96 0.00	85.27 3.45 0.00	79.76 3.56 0.00	58.85 2.71 0.00	56.07 2.41 0.00	51.35 2.08 0.00	43.10 1.72 0.00	39.53 1.69 0.00	36.53 1.64 0.00	37.92 1.71 0.00	39.28 1.84 0.00	38.56 1.80 0.00	39.05 1.79 0.00	44.49 2.21 0.00	55.66 2.86 0.00	72.52 3.52 0.00	63.83 2.77 0.00	69.85 2.73 0.00	52.65 1.97 0.00
HARSNRAD_115KV_TB1 81005	32.70 -3.15 11.12	28.27 -2.94 10.77	26.64 -3.21 10.72	27.07 -3.18 10.82	24.18 -2.96 10.86	32.46 -3.24 12.34	57.62 -6.14 18.06	52.68 -6.03 17.48	38.03 -3.92 14.20	37.41 -2.66 13.59	34.19 -2.39 12.69	28.18 -2.20 11.00	27.26 -2.33 8.25	23.59 -2.13 9.17	24.80 -2.03 9.38	25.61 -2.38 9.44	29.20 -2.23 5.33	25.79 -2.56 8.91	27.48 -3.70 11.10	35.30 -4.35 13.15	50.64 -4.61 13.75	57.36 -3.70 0.00	64.30 -2.82 0.00	49.30 -1.39 0.00
HARZA MOOSE___RIVER 24016	46.75 -0.22 0.00	41.26 -0.73 0.00	39.90 -0.68 0.00	40.35 -0.72 0.00	37.35 -0.64 0.00	47.46 -0.58 0.00	82.72 0.37 -0.53	76.98 0.02 -0.76	56.37 -0.37 -0.60	53.33 -0.33 0.00	48.84 -0.43 0.00	40.86 -0.53 0.00	37.31 -0.53 0.00	34.52 -0.52 -0.15	36.46 -0.53 -0.79	38.68 -0.57 -1.81	38.30 -0.25 -1.79	39.05 -0.01 -1.80	44.73 0.49 -1.96	55.68 0.89 -1.98	69.61 0.70 0.08	61.86 0.81 0.00	68.19 1.06 0.00	51.08 0.40 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	46.53 -0.44 0.00	41.57 -0.43 0.00	40.14 -0.43 0.00	40.67 -0.40 0.00	37.68 -0.32 0.00	47.82 -0.22 0.00	81.63 -0.19 0.00	76.07 -0.13 0.00	56.11 -0.03 0.00	53.76 0.10 0.00	49.30 0.03 0.00	41.30 -0.09 0.00	37.72 -0.13 0.00	34.77 -0.11 0.00	36.17 -0.04 0.00	37.39 -0.04 0.00	36.72 -0.04 0.00	37.18 -0.08 0.00	42.16 -0.13 0.00	52.73 -0.07 0.00	69.07 0.07 0.00	60.98 -0.07 0.00	67.08 -0.04 0.00	50.67 -0.02 0.00
HELLGATE_13_KV_LD 55870	49.12 2.15 0.00	43.83 1.84 0.00	42.45 1.87 0.00	42.90 1.83 0.00	39.87 1.88 0.00	50.49 2.45 0.00	85.91 4.09 0.00	80.48 4.28 0.00	59.62 3.48 0.00	56.89 3.23 0.00	52.57 2.95 -0.36	44.68 2.45 -0.85	41.55 2.68 -1.02	37.65 2.56 -0.21	40.12 2.53 -1.37	54.85 2.69 -14.73	40.47 2.66 -1.06	51.26 2.65 -11.35	45.84 3.14 -0.42	56.77 3.97 0.00	73.81 4.81 0.00	64.88 3.83 0.00	71.00 3.88 0.00	54.31 2.85 -0.78
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	49.12 2.15 0.00	43.83 1.84 0.00	42.45 1.87 0.00	42.90 1.83 0.00	39.87 1.88 0.00	50.49 2.45 0.00	85.91 4.09 0.00	80.48 4.28 0.00	59.62 3.48 0.00	56.89 3.23 0.00	52.57 2.95 -0.36	44.68 2.45 -0.85	41.55 2.68 -1.02	37.65 2.56 -0.21	40.12 2.53 -1.37	54.85 2.69 -14.73	40.47 2.66 -1.06	51.26 2.65 -11.35	45.84 3.14 -0.42	56.77 3.97 0.00	73.81 4.81 0.00	64.88 3.83 0.00	71.00 3.88 0.00	54.31 2.85 -0.78
HEMPSTEAD____ 23647	72.60 2.20 -23.43	58.14 1.84 -14.30	54.96 1.93 -12.46	50.28 1.83 -7.38	56.71 1.85 -16.86	62.15 2.21 -11.90	84.83 3.01 0.00	79.62 3.42 0.00	59.09 2.95 -0.01	56.20 2.54 0.00	51.53 2.26 0.00	45.48 1.94 -2.16	45.34 2.00 -5.50	42.88 2.10 -5.91	44.03 2.10 -5.72	45.87 2.29 -6.15	45.83 2.25 -6.82	41.95 2.07 -2.62	45.39 2.41 -0.70	74.61 3.07 -18.73	86.18 3.94 -13.24	84.28 3.13 -20.10	83.42 3.14 -13.16	67.03 2.37 -13.97
HEWLETT_69_KV_BK3 55828	112.52 2.65 -62.90	106.36 2.31 -62.06	99.01 2.34 -56.09	76.55 2.25 -33.23	115.89 2.22 -75.67	104.33 2.71 -53.58	85.68 3.85 -0.01	80.40 4.20 0.00	59.67 3.49 -0.04	56.70 3.04 0.00	52.06 2.78 -0.01	53.49 2.39 -9.71	65.00 2.39 -24.77	63.95 2.49 -26.58	64.42 2.47 -25.75	64.60 2.71 -24.46	62.09 2.62 -22.71	47.57 2.41 -7.89	47.29 2.87 -2.14	119.01 3.65 -62.56	140.41 4.74 -66.67	149.71 3.78 -84.88	142.36 3.88 -71.36	115.50 2.96 -61.85
HICKLING___1 23621	51.32 -0.60 -4.96	46.24 -0.56 -4.81	44.76 -0.60 -4.78	45.33 -0.57 -4.83	42.54 -0.30 -4.84	53.46 -0.08 -5.50	90.09 0.21 -8.06	84.48 0.49 -7.80	62.60 0.15 -6.31	60.05 0.35 -6.04	55.17 0.26 -5.64	46.03 -0.26 -4.91	41.36 -0.15 -3.67	38.66 -0.31 -4.09	40.12 -0.26 -4.18	41.14 -0.50 -4.21	38.73 -0.41 -2.38	40.65 -0.57 -3.97	46.62 -0.61 -4.95	58.13 -0.53 -5.86	74.92 -0.20 -6.13	60.90 -0.15 0.00	67.44 0.31 0.00	51.36 0.67 0.00
HICKLING___2 23622	51.32 -0.60 -4.96	46.24 -0.56 -4.81	44.76 -0.60 -4.78	45.33 -0.57 -4.83	42.54 -0.30 -4.84	53.46 -0.08 -5.50	90.09 0.21 -8.06	84.48 0.49 -7.80	62.60 0.15 -6.31	60.05 0.35 -6.04	55.17 0.26 -5.64	46.03 -0.26 -4.91	41.36 -0.15 -3.67	38.66 -0.31 -4.09	40.12 -0.26 -4.18	41.14 -0.50 -4.21	38.73 -0.41 -2.38	40.65 -0.57 -3.97	46.62 -0.61 -4.95	58.13 -0.53 -5.86	74.92 -0.20 -6.13	60.90 -0.15 0.00	67.44 0.31 0.00	51.36 0.67 0.00
HIGH FALLS___HY 23754	49.12 2.15 0.00	43.92 1.92 0.00	42.51 1.93 0.00	42.99 1.92 0.00	39.90 1.90 0.00	50.57 2.53 0.00	86.33 4.50 0.00	80.83 4.63 0.00	59.56 3.42 0.00	56.55 2.89 0.00	51.57 2.30 0.00	43.20 1.81 0.00	39.70 1.86 0.00	36.78 1.90 0.00	38.17 1.96 0.00	39.55 2.12 0.00	38.86 2.10 0.00	39.41 2.15 0.00	44.94 2.65 0.00	56.48 3.68 0.00	73.67 4.67 0.00	64.82 3.77 0.00	70.90 3.77 0.00	53.42 2.74 0.00
HIGH_RIVER___SOLAR 323847	48.48 1.51 0.00	43.35 1.36 0.00	41.85 1.27 0.00	42.33 1.26 0.00	39.21 1.21 0.00	49.68 1.64 0.00	84.87 3.04 0.00	78.64 2.45 0.00	57.39 1.24 0.00	54.13 0.47 0.00	49.60 0.33 0.00	41.62 0.24 0.00	38.23 0.39 0.00	35.12 0.23 0.00	36.57 0.36 0.00	37.92 0.48 0.00	37.55 0.78 0.00	38.47 1.21 0.00	43.81 1.52 0.00	55.02 2.23 0.00	71.91 2.91 0.00	63.46 2.41 0.00	69.61 2.48 0.00	52.44 1.75 0.00

HILLBURN___GT 23639	48.40 1.43 0.00	43.28 1.28 0.00	41.91 1.33 0.00	42.36 1.29 0.00	39.33 1.34 0.00	49.90 1.86 0.00	85.06 3.23 0.00	79.61 3.41 0.00	58.75 2.61 0.00	56.00 2.35 0.00	51.27 2.00 0.00	43.04 1.65 0.00	39.48 1.64 0.00	36.47 1.59 0.00	37.83 1.62 0.00	39.19 1.76 0.00	38.44 1.68 0.00	38.92 1.66 0.00	44.32 2.04 0.00	55.44 2.64 0.00	72.19 3.20 0.00	63.54 2.48 0.00	69.54 2.41 0.00	52.44 1.75 0.00
HILLSIDE_115KV_TB1 80332	50.87 -0.60 -4.49	45.75 -0.60 -4.36	44.31 -0.60 -4.33	44.88 -0.57 -4.38	42.05 -0.33 -4.39	52.89 -0.13 -4.99	89.15 0.03 -7.30	83.59 0.33 -7.06	61.90 0.04 -5.72	59.37 0.24 -5.47	54.53 0.15 -5.11	45.45 -0.38 -4.44	40.95 -0.21 -3.33	38.23 -0.36 -3.70	39.71 -0.28 -3.78	40.78 -0.47 -3.81	38.51 -0.40 -2.15	40.23 -0.63 -3.60	46.03 -0.73 -4.48	57.40 -0.70 -5.31	74.15 -0.39 -5.55	60.71 -0.35 0.00	67.14 0.02 0.00	51.00 0.32 0.00
HISHELDN_WT_PWR 323625	-9.00 -3.64 52.32	-11.87 -3.17 50.70	-13.14 -3.27 50.44	-13.14 -3.28 50.93	-15.81 -2.72 51.09	-13.25 -3.24 58.05	-9.22 -6.06 84.98	-11.59 -5.57 82.22	-14.00 -3.58 66.55	-13.12 -3.09 63.68	-13.14 -2.94 59.47	-13.14 -2.80 51.72	-3.68 -2.79 38.73	-11.01 -2.72 43.17	-10.66 -2.74 44.12	-10.08 -3.08 44.44	8.71 -2.95 25.11	-7.73 -3.07 41.92	-13.46 -3.51 52.24	-13.14 -4.08 61.86	-0.68 -4.98 64.69	56.93 -4.12 0.00	63.86 -3.26 0.00	49.22 -1.47 0.00
HOLTSVILLE_IC_1 23690	53.22 2.19 -4.06	38.94 1.64 4.69	37.68 1.81 4.71	39.90 1.61 2.79	33.32 1.62 6.30	45.41 1.87 4.50	83.62 1.80 0.00	78.59 2.40 0.00	58.39 2.25 0.00	55.63 1.97 0.00	51.03 1.77 0.00	41.90 1.33 0.81	37.23 1.47 2.08	34.42 1.76 2.23	35.80 1.75 2.16	38.13 2.05 1.35	38.67 2.06 0.16	39.76 2.04 -0.46	44.59 2.19 -0.12	55.70 2.48 -0.42	67.46 3.06 4.59	60.79 2.31 2.57	63.75 2.26 5.64	49.92 1.79 2.55
HOLTSVILLE_IC_10 23699	53.88 2.38 -4.53	39.57 1.79 4.21	38.25 1.95 4.27	40.26 1.72 2.53	34.01 1.73 5.71	46.01 2.06 4.08	83.92 2.10 0.00	78.91 2.72 0.00	58.63 2.49 0.00	55.86 2.20 0.00	51.17 1.91 0.00	42.10 1.46 0.74	37.53 1.58 1.89	34.73 1.87 2.02	36.10 1.85 1.96	38.44 2.17 1.16	38.98 2.20 -0.02	40.00 2.23 -0.51	44.83 2.42 -0.13	56.42 2.76 -0.86	68.30 3.44 4.14	61.68 2.63 2.00	64.57 2.60 5.15	50.56 2.01 2.13
HOLTSVILLE_IC_2 23691	53.22 2.19 -4.06	38.94 1.64 4.69	37.68 1.81 4.71	39.90 1.61 2.79	33.32 1.62 6.30	45.41 1.87 4.50	83.62 1.80 0.00	78.59 2.40 0.00	58.39 2.25 0.00	55.63 1.97 0.00	51.03 1.77 0.00	41.90 1.33 0.81	37.23 1.47 2.08	34.42 1.76 2.23	35.80 1.75 2.16	38.13 2.05 1.35	38.67 2.06 0.16	39.76 2.04 -0.46	44.59 2.19 -0.12	55.70 2.48 -0.42	67.46 3.06 4.59	60.79 2.31 2.57	63.75 2.26 5.64	49.92 1.79 2.55
HOLTSVILLE_IC_3 23692	53.22 2.19 -4.06	38.94 1.64 4.69	37.68 1.81 4.71	39.90 1.61 2.79	33.32 1.62 6.30	45.41 1.87 4.50	83.62 1.80 0.00	78.59 2.40 0.00	58.39 2.25 0.00	55.63 1.97 0.00	51.03 1.77 0.00	41.90 1.33 0.81	37.23 1.47 2.08	34.42 1.76 2.23	35.80 1.75 2.16	38.13 2.05 1.35	38.67 2.06 0.16	39.76 2.04 -0.46	44.59 2.19 -0.12	55.70 2.48 -0.42	67.46 3.06 4.59	60.79 2.31 2.57	63.75 2.26 5.64	49.92 1.79 2.55
HOLTSVILLE_IC_4 23693	53.22 2.19 -4.06	38.94 1.64 4.69	37.68 1.81 4.71	39.90 1.61 2.79	33.32 1.62 6.30	45.41 1.87 4.50	83.62 1.80 0.00	78.59 2.40 0.00	58.39 2.25 0.00	55.63 1.97 0.00	51.03 1.77 0.00	41.90 1.33 0.81	37.23 1.47 2.08	34.42 1.76 2.23	35.80 1.75 2.16	38.13 2.05 1.35	38.67 2.06 0.16	39.76 2.04 -0.46	44.59 2.19 -0.12	55.70 2.48 -0.42	67.46 3.06 4.59	60.79 2.31 2.57	63.75 2.26 5.64	49.92 1.79 2.55
HOLTSVILLE_IC_5 23694	53.22 2.19 -4.06	38.94 1.64 4.69	37.68 1.81 4.71	39.90 1.61 2.79	33.32 1.62 6.30	45.41 1.87 4.50	83.62 1.80 0.00	78.59 2.40 0.00	58.39 2.25 0.00	55.63 1.97 0.00	51.03 1.77 0.00	41.90 1.33 0.81	37.23 1.47 2.08	34.42 1.76 2.23	35.80 1.75 2.16	38.13 2.05 1.35	38.67 2.06 0.16	39.76 2.04 -0.46	44.59 2.19 -0.12	55.70 2.48 -0.42	67.46 3.06 4.59	60.79 2.31 2.57	63.75 2.26 5.64	49.92 1.79 2.55
HOLTSVILLE_IC_6 23695	53.88 2.38 -4.53	39.57 1.79 4.21	38.25 1.95 4.27	40.26 1.72 2.53	34.01 1.73 5.71	46.01 2.06 4.08	83.92 2.10 0.00	78.91 2.72 0.00	58.63 2.49 0.00	55.86 2.20 0.00	51.17 1.91 0.00	42.10 1.46 0.74	37.53 1.58 1.89	34.73 1.87 2.02	36.10 1.85 1.96	38.44 2.17 1.16	38.98 2.20 -0.02	40.00 2.23 -0.51	44.83 2.42 -0.13	56.42 2.76 -0.86	68.30 3.44 4.14	61.68 2.63 2.00	64.57 2.60 5.15	50.56 2.01 2.13
HOLTSVILLE_IC_7 23696	53.88 2.38 -4.53	39.57 1.79 4.21	38.25 1.95 4.27	40.26 1.72 2.53	34.01 1.73 5.71	46.01 2.06 4.08	83.92 2.10 0.00	78.91 2.72 0.00	58.63 2.49 0.00	55.86 2.20 0.00	51.17 1.91 0.00	42.10 1.46 0.74	37.53 1.58 1.89	34.73 1.87 2.02	36.10 1.85 1.96	38.44 2.17 1.16	38.98 2.20 -0.02	40.00 2.23 -0.51	44.83 2.42 -0.13	56.42 2.76 -0.86	68.30 3.44 4.14	61.68 2.63 2.00	64.57 2.60 5.15	50.56 2.01 2.13
HOLTSVILLE_IC_8 23697	53.88 2.38 -4.53	39.57 1.79 4.21	38.25 1.95 4.27	40.26 1.72 2.53	34.01 1.73 5.71	46.01 2.06 4.08	83.92 2.10 0.00	78.91 2.72 0.00	58.63 2.49 0.00	55.86 2.20 0.00	51.17 1.91 0.00	42.10 1.46 0.74	37.53 1.58 1.89	34.73 1.87 2.02	36.10 1.85 1.96	38.44 2.17 1.16	38.98 2.20 -0.02	40.00 2.23 -0.51	44.83 2.42 -0.13	56.42 2.76 -0.86	68.30 3.44 4.14	61.68 2.63 2.00	64.57 2.60 5.15	50.56 2.01 2.13
HOLTSVILLE_IC_9 23698	53.88 2.38 -4.53	39.57 1.79 4.21	38.25 1.95 4.27	40.26 1.72 2.53	34.01 1.73 5.71	46.01 2.06 4.08	83.92 2.10 0.00	78.91 2.72 0.00	58.63 2.49 0.00	55.86 2.20 0.00	51.17 1.91 0.00	42.10 1.46 0.74	37.53 1.58 1.89	34.73 1.87 2.02	36.10 1.85 1.96	38.44 2.17 1.16	38.98 2.20 -0.02	40.00 2.23 -0.51	44.83 2.42 -0.13	56.42 2.76 -0.86	68.30 3.44 4.14	61.68 2.63 2.00	64.57 2.60 5.15	50.56 2.01 2.13
HOMER_HL_115KV_TB2 355744	46.90 -0.07 0.00	41.80 -0.19 0.00	40.17 -0.41 0.00	40.80 -0.28 0.00	37.68 -0.32 0.00	48.11 0.07 0.00	81.99 0.17 0.00	76.28 0.09 0.00	56.00 -0.14 0.00	54.34 0.68 0.00	49.85 0.59 0.00	41.46 0.08 0.00	37.78 -0.06 0.00	34.64 -0.24 0.00	36.04 -0.17 0.00	36.95 -0.49 0.00	36.42 -0.35 0.00	36.35 -0.90 0.00	40.58 -1.70 0.00	51.17 -1.63 0.00	68.06 -0.93 0.00	60.35 -0.70 0.00	67.40 0.28 0.00	51.91 1.22 0.00
HOWARD_WT_PWR 323690	75.57 -3.92 -32.52	70.64 -2.87 -31.51	68.61 -3.32 -31.36	69.39 -3.35 -31.66	67.08 -2.68 -31.76	80.79 -3.34 -36.09	128.96 -5.70 -52.83	122.31 -5.00 -51.11	93.72 -3.79 -41.37	89.72 -3.53 -39.58	82.88 -3.35 -36.97	70.39 -3.14 -32.15	58.97 -2.96 -24.09	58.76 -2.97 -26.84	60.46 -3.17 -27.42	61.46 -3.59 -27.61	49.04 -3.32 -15.60	60.05 -3.26 -26.05	71.25 -3.49 -32.46	87.18 -4.06 -38.45	104.32 -4.87 -40.20	56.89 -4.16 0.00	63.73 -3.40 0.00	49.37 -1.32 0.00

HQ_GEN_CEDARS 23644	47.80 0.83 0.00	42.58 0.58 0.00	41.03 0.46 0.00	41.50 0.43 0.00	38.24 0.24 0.00	48.16 0.12 0.00	82.77 0.04 -0.90	77.56 0.07 -1.30	56.96 -0.20 -1.02	53.51 -0.15 0.00	49.25 -0.01 0.00	41.50 0.12 0.00	37.86 0.03 0.00	35.06 -0.09 -0.26	37.29 -0.27 -1.35	40.06 -0.47 -3.10	39.42 -0.41 -3.06	39.96 -0.38 -3.09	45.22 -0.42 -3.35	54.83 -0.71 -2.75	66.79 -1.35 0.85	60.69 -0.36 0.00	67.00 -0.13 0.00	50.76 0.07 0.00
HQ_GEN_CEDARS_PROXY 323590	47.80 0.83 0.00	42.58 0.58 0.00	41.03 0.46 0.00	41.50 0.43 0.00	38.24 0.24 0.00	48.16 0.12 0.00	82.77 0.04 -0.90	77.56 0.07 -1.30	56.96 -0.20 -1.02	53.51 -0.15 0.00	49.25 -0.01 0.00	41.50 0.12 0.00	37.86 0.02 0.00	35.06 -0.09 -0.26	37.28 -0.27 -1.35	40.06 -0.47 -3.10	39.42 -0.41 -3.06	39.96 -0.39 -3.09	45.22 -0.42 -3.35	49.33 -0.71 2.76	68.16 -1.36 -0.53	60.69 -0.36 0.00	67.00 -0.13 0.00	50.76 0.07 0.00
HQ_GEN_IMPORT 323601	47.22 0.25 0.00	42.17 0.18 0.00	40.68 0.11 0.00	41.16 0.09 0.00	38.00 0.00 0.00	47.91 -0.13 0.00	81.43 -0.39 0.00	75.84 -0.35 0.00	55.77 -0.37 0.00	53.34 -0.32 0.00	49.04 -0.22 0.00	41.28 -0.10 0.00	37.70 -0.14 0.00	34.70 -0.18 0.00	35.92 -0.29 0.00	37.05 -0.38 0.00	36.40 -0.37 0.00	36.88 -0.37 0.00	41.83 -0.45 0.00	51.89 -0.68 0.22	68.00 -0.85 0.14	60.55 -0.50 0.00	66.72 -0.41 0.00	50.46 -0.22 0.00
HQ_GEN_WHEEL 23651	47.22 0.25 0.00	42.17 0.18 0.00	40.68 0.11 0.00	41.16 0.09 0.00	38.00 0.00 0.00	47.91 -0.13 0.00	81.43 -0.39 0.00	75.84 -0.35 0.00	55.77 -0.37 0.00	53.34 -0.32 0.00	49.04 -0.22 0.00	41.28 -0.10 0.00	37.70 -0.14 0.00	34.70 -0.18 0.00	35.92 -0.29 0.00	37.05 -0.38 0.00	36.40 -0.37 0.00	36.88 -0.37 0.00	41.83 -0.45 0.00	51.89 -0.68 0.22	68.00 -0.85 0.14	60.55 -0.50 0.00	66.72 -0.41 0.00	50.46 -0.22 0.00
HUDSON AVE_GT_3 23810	49.05 2.08 0.00	43.75 1.76 0.00	42.38 1.81 0.00	42.82 1.75 0.00	39.79 1.79 0.00	50.42 2.38 0.00	85.95 4.13 0.00	80.47 4.28 0.00	59.57 3.43 0.00	56.83 3.17 0.00	52.12 2.85 0.00	43.75 2.37 0.00	40.22 2.38 0.00	37.17 2.28 0.00	38.44 2.23 0.00	39.79 2.35 0.00	39.10 2.34 0.00	39.58 2.33 0.00	45.07 2.79 0.00	56.34 3.55 0.00	73.37 4.38 0.00	64.44 3.39 0.00	70.52 3.39 0.00	53.15 2.46 0.00
HUDSON AVE_GT_4 23540	49.05 2.08 0.00	43.75 1.76 0.00	42.38 1.81 0.00	42.82 1.75 0.00	39.79 1.79 0.00	50.42 2.38 0.00	85.95 4.13 0.00	80.47 4.28 0.00	59.57 3.43 0.00	56.83 3.17 0.00	52.12 2.85 0.00	43.75 2.37 0.00	40.22 2.38 0.00	37.17 2.28 0.00	38.44 2.23 0.00	39.79 2.35 0.00	39.10 2.34 0.00	39.58 2.33 0.00	45.07 2.79 0.00	56.34 3.55 0.00	73.37 4.38 0.00	64.44 3.39 0.00	70.52 3.39 0.00	53.15 2.46 0.00
HUDSON AVE_GT_5 23657	49.05 2.08 0.00	43.75 1.76 0.00	42.38 1.81 0.00	42.82 1.75 0.00	39.79 1.79 0.00	50.42 2.38 0.00	85.95 4.13 0.00	80.47 4.28 0.00	59.57 3.43 0.00	56.83 3.17 0.00	52.12 2.85 0.00	43.75 2.37 0.00	40.22 2.38 0.00	37.17 2.28 0.00	38.44 2.23 0.00	39.79 2.35 0.00	39.10 2.34 0.00	39.58 2.33 0.00	45.07 2.79 0.00	56.34 3.55 0.00	73.37 4.38 0.00	64.44 3.39 0.00	70.52 3.39 0.00	53.15 2.46 0.00
HUDSON_AVE_10 24168	48.77 1.80 0.00	43.52 1.53 0.00	42.15 1.57 0.00	42.60 1.53 0.00	39.56 1.56 0.00	50.14 2.11 0.00	85.52 3.70 0.00	80.04 3.85 0.00	59.25 3.11 0.00	56.51 2.85 0.00	51.88 2.62 0.00	43.55 2.17 0.00	40.04 2.20 0.00	37.00 2.12 0.00	38.18 1.98 0.01	39.52 2.10 0.02	33.19 2.10 5.67	39.32 2.08 0.02	44.78 2.51 0.02	57.07 3.20 -1.07	73.06 3.90 -0.16	64.02 2.98 0.01	70.06 2.94 0.01	52.82 2.15 0.01
HUDSON___115KV_TB 4 355613	47.97 1.00 0.00	43.02 1.02 0.00	41.67 1.10 0.00	42.17 1.10 0.00	39.06 1.06 0.00	49.39 1.35 0.00	84.31 2.49 0.00	78.39 2.20 0.00	57.79 1.65 0.00	54.88 1.22 0.00	50.33 1.07 0.00	42.31 0.93 0.00	38.73 0.89 0.00	35.72 0.83 0.00	37.08 0.87 0.00	38.57 1.14 0.00	37.91 1.15 0.00	38.62 1.36 0.00	43.83 1.55 0.00	54.95 2.15 0.00	71.69 2.70 0.00	63.22 2.17 0.00	69.21 2.09 0.00	52.01 1.33 0.00
HUNTER MOUNT___DRP 323613	48.15 1.18 0.00	43.18 1.19 0.00	41.83 1.25 0.00	42.34 1.27 0.00	39.19 1.20 0.00	49.58 1.54 0.00	84.72 2.90 0.00	78.71 2.52 0.00	57.96 1.82 0.00	54.96 1.30 0.00	50.43 1.16 0.00	42.45 1.07 0.00	38.85 1.01 0.00	35.81 0.93 0.00	37.18 0.97 0.00	38.62 1.19 0.00	38.02 1.26 0.00	38.76 1.50 0.00	44.03 1.75 0.00	55.25 2.45 0.00	72.09 3.10 0.00	63.55 2.50 0.00	69.57 2.44 0.00	52.27 1.58 0.00
HUNTINGTON_RES_REC 323705	54.12 2.46 -4.70	39.78 1.86 4.07	38.42 1.99 4.14	40.43 1.81 2.46	34.26 1.80 5.54	46.20 2.12 3.96	84.27 2.45 0.00	79.16 2.97 0.00	58.69 2.56 0.00	55.81 2.15 0.00	51.17 1.91 0.00	42.21 1.55 0.72	37.69 1.68 1.83	34.83 1.91 1.97	36.22 1.91 1.90	38.52 2.19 1.10	39.01 2.18 -0.07	39.92 2.13 -0.53	44.84 2.42 -0.14	56.71 2.91 -1.01	68.65 3.66 4.00	62.06 2.82 1.82	64.89 2.78 5.01	50.81 2.13 2.01
HUNTLEY___63 23557	35.82 -2.56 8.59	31.20 -2.47 8.33	29.51 -2.78 8.28	29.99 -2.72 8.36	27.04 -2.56 8.39	35.82 -2.68 9.53	62.73 -5.14 13.96	57.59 -5.10 13.50	41.79 -3.41 10.94	41.11 -2.08 10.47	37.62 -1.87 9.78	31.26 -1.63 8.49	30.05 -1.59 6.20	26.28 -1.57 7.04	27.51 -1.46 7.24	28.31 -1.82 7.30	30.96 -1.69 4.12	28.35 -2.03 6.88	30.55 -3.16 8.58	38.90 -3.74 10.16	54.65 -3.72 10.62	58.14 -2.92 0.00	65.11 -2.02 0.00	49.89 -0.79 0.00
HUNTLEY___64 23558	35.82 -2.56 8.59	31.20 -2.47 8.33	29.51 -2.78 8.28	29.99 -2.72 8.36	27.04 -2.56 8.39	35.82 -2.68 9.53	62.73 -5.14 13.96	57.59 -5.10 13.50	41.79 -3.41 10.94	41.11 -2.08 10.47	37.62 -1.87 9.78	31.26 -1.63 8.49	30.05 -1.59 6.20	26.28 -1.57 7.04	27.51 -1.46 7.24	28.31 -1.82 7.30	30.96 -1.69 4.12	28.35 -2.03 6.88	30.55 -3.16 8.58	38.90 -3.74 10.16	54.65 -3.72 10.62	58.14 -2.92 0.00	65.11 -2.02 0.00	49.89 -0.79 0.00
HUNTLEY___65 23559	35.82 -2.56 8.59	31.20 -2.47 8.33	29.51 -2.78 8.28	29.99 -2.72 8.36	27.04 -2.56 8.39	35.82 -2.68 9.53	62.73 -5.14 13.96	57.59 -5.10 13.50	41.79 -3.41 10.94	41.11 -2.08 10.47	37.62 -1.87 9.78	31.26 -1.63 8.49	30.05 -1.59 6.20	26.28 -1.57 7.04	27.51 -1.46 7.24	28.31 -1.82 7.30	30.96 -1.69 4.12	28.35 -2.03 6.88	30.55 -3.16 8.58	38.90 -3.74 10.16	54.65 -3.72 10.62	58.14 -2.92 0.00	65.11 -2.02 0.00	49.89 -0.79 0.00
HUNTLEY___66 23560	35.82 -2.56 8.59	31.20 -2.47 8.33	29.51 -2.78 8.28	29.99 -2.72 8.36	27.04 -2.56 8.39	35.82 -2.68 9.53	62.73 -5.14 13.96	57.59 -5.10 13.50	41.79 -3.41 10.94	41.11 -2.08 10.47	37.62 -1.87 9.78	31.26 -1.63 8.49	30.05 -1.59 6.20	26.28 -1.57 7.04	27.51 -1.46 7.24	28.31 -1.82 7.30	30.96 -1.69 4.12	28.35 -2.03 6.88	30.55 -3.16 8.58	38.90 -3.74 10.16	54.65 -3.72 10.62	58.14 -2.92 0.00	65.11 -2.02 0.00	49.89 -0.79 0.00

HUNTLEY___67 23561	36.00 -2.65 8.33	31.41 -2.51 8.07	29.76 -2.79 8.03	30.22 -2.74 8.11	27.27 -2.60 8.13	36.05 -2.75 9.24	63.09 -5.21 13.53	57.93 -5.18 13.09	41.95 -3.61 10.58	41.24 -2.30 10.12	37.75 -2.07 9.45	31.36 -1.79 8.23	29.93 -1.79 6.12	26.38 -1.65 6.85	27.68 -1.51 7.02	28.50 -1.86 7.07	31.05 -1.72 4.00	28.49 -2.09 6.67	30.73 -3.24 8.31	39.08 -3.88 9.85	54.78 -3.92 10.30	57.99 -3.06 0.00	64.91 -2.21 0.00	49.76 -0.92 0.00
HUNTLEY___68 23562	36.00 -2.65 8.33	31.41 -2.51 8.07	29.76 -2.79 8.03	30.22 -2.74 8.11	27.27 -2.60 8.13	36.05 -2.75 9.24	63.09 -5.21 13.53	57.93 -5.18 13.09	41.95 -3.61 10.58	41.24 -2.30 10.12	37.75 -2.07 9.45	31.36 -1.79 8.23	29.93 -1.79 6.12	26.38 -1.65 6.85	27.68 -1.51 7.02	28.50 -1.86 7.07	31.05 -1.72 4.00	28.49 -2.09 6.67	30.73 -3.24 8.31	39.08 -3.88 9.85	54.78 -3.92 10.30	57.99 -3.06 0.00	64.91 -2.21 0.00	49.76 -0.92 0.00
HYLAND___LFGE 323620	82.34 -0.23 -35.61	76.30 -0.19 -34.50	74.53 -0.37 -34.33	75.40 -0.33 -34.66	72.74 -0.03 -34.77	88.04 0.49 -39.51	141.10 1.45 -57.83	133.77 1.61 -55.96	102.22 0.79 -45.29	97.24 0.25 -43.33	89.52 -0.22 -40.46	76.06 -0.52 -35.20	63.62 -0.61 -26.39	63.52 -0.77 -29.40	65.37 -0.86 -30.02	66.49 -1.19 -30.24	53.07 -0.77 -17.08	65.01 -0.77 -28.52	77.02 -0.81 -35.54	95.37 0.48 -42.09	114.77 1.76 -44.02	62.59 1.54 0.00	69.26 2.13 0.00	52.73 2.05 0.00
INDECK___CORINTH 23802	48.98 2.01 0.00	43.89 1.90 0.00	42.45 1.87 0.00	42.92 1.85 0.00	39.74 1.74 0.00	50.43 2.40 0.00	86.32 4.50 0.00	80.24 4.05 0.00	58.93 2.79 0.00	56.17 2.51 0.00	51.55 2.28 0.00	43.38 1.99 0.00	39.56 1.72 0.00	36.35 1.46 0.00	37.68 1.47 0.00	39.02 1.59 0.00	38.67 1.91 0.00	39.64 2.39 0.00	45.12 2.83 0.00	56.31 3.51 0.00	73.44 4.45 0.00	64.66 3.61 0.00	70.78 3.66 0.00	53.04 2.36 0.00
INDECK___ILION 23567	46.62 -0.34 0.00	41.97 -0.03 0.00	40.17 -0.40 0.00	40.46 -0.61 0.00	37.60 -0.39 0.00	47.75 -0.29 0.00	81.90 0.08 0.00	75.62 -0.58 0.00	55.47 -0.67 0.00	51.52 -2.15 0.00	47.43 -1.84 0.00	39.65 -1.73 0.00	36.42 -1.42 0.00	33.62 -1.26 0.00	35.05 -1.16 0.00	36.50 -0.94 0.00	36.21 -0.55 0.00	37.18 -0.08 0.00	42.51 0.23 0.00	53.61 0.74 -0.06	69.74 0.68 -0.07	61.15 0.10 0.00	66.47 -0.65 0.00	49.78 -0.91 0.00
INDECK___OLEAN 23982	46.92 -0.04 0.00	41.82 -0.17 0.00	40.20 -0.38 0.00	40.82 -0.25 0.00	37.71 -0.29 0.00	48.15 0.11 0.00	82.08 0.26 0.00	76.39 0.20 0.00	56.08 -0.06 0.00	54.42 0.76 0.00	49.91 0.65 0.00	41.50 0.12 0.00	37.84 -0.01 0.00	34.67 -0.21 0.00	36.11 -0.10 0.00	37.01 -0.42 0.00	36.47 -0.30 0.00	36.39 -0.87 0.00	40.66 -1.62 0.00	51.28 -1.52 0.00	68.09 -0.90 0.00	60.38 -0.68 0.00	67.40 0.28 0.00	51.94 1.25 0.00
INDECK___OSWEGO 23783	45.94 -1.03 0.00	41.00 -0.99 0.00	39.59 -0.99 0.00	40.09 -0.98 0.00	37.14 -0.86 0.00	47.11 -0.93 0.00	80.48 -1.35 0.00	74.94 -1.26 0.00	55.22 -0.92 0.00	52.86 -0.80 0.00	48.45 -0.82 0.00	40.60 -0.78 0.00	37.07 -0.77 0.00	34.17 -0.72 0.00	35.51 -0.70 0.00	36.71 -0.73 0.00	36.08 -0.68 0.00	36.60 -0.66 0.00	41.58 -0.70 0.00	52.04 -0.76 0.00	68.07 -0.93 0.00	60.15 -0.91 0.00	66.14 -0.99 0.00	49.91 -0.77 0.00
INDECK___YERKES 23781	35.90 -2.48 8.59	31.27 -2.40 8.33	29.59 -2.70 8.28	30.07 -2.64 8.36	27.12 -2.48 8.39	35.91 -2.59 9.53	62.94 -4.93 13.96	57.84 -4.85 13.50	42.01 -3.19 10.94	41.29 -1.90 10.47	37.75 -1.74 9.78	31.35 -1.53 8.49	30.16 -1.48 6.20	26.35 -1.50 7.04	27.65 -1.32 7.24	28.43 -1.71 7.30	31.06 -1.58 4.12	28.44 -1.93 6.88	30.71 -2.99 8.58	39.10 -3.54 10.16	54.77 -3.60 10.62	58.24 -2.82 0.00	65.19 -1.94 0.00	49.97 -0.72 0.00
INDIAN POINT_GT_1 24139	48.44 1.48 0.00	43.31 1.32 0.00	41.95 1.37 0.00	42.39 1.32 0.00	39.35 1.35 0.00	49.89 1.85 0.00	85.01 3.19 0.00	79.56 3.36 0.00	58.78 2.64 0.00	56.01 2.35 0.00	51.31 2.04 0.00	43.06 1.68 0.00	39.51 1.67 0.00	36.51 1.62 0.00	37.85 1.63 0.00	39.20 1.77 0.00	38.48 1.72 0.00	38.96 1.70 0.00	44.36 2.08 0.00	55.48 2.68 0.00	72.26 3.26 0.00	63.58 2.52 0.00	69.56 2.43 0.00	52.45 1.76 0.00
INDIAN POINT_GT_2 23659	48.44 1.48 0.00	43.31 1.32 0.00	41.95 1.37 0.00	42.39 1.32 0.00	39.35 1.35 0.00	49.89 1.85 0.00	85.01 3.19 0.00	79.56 3.36 0.00	58.78 2.64 0.00	56.01 2.35 0.00	51.31 2.04 0.00	43.06 1.68 0.00	39.51 1.67 0.00	36.51 1.62 0.00	37.85 1.63 0.00	39.20 1.77 0.00	38.48 1.72 0.00	38.96 1.70 0.00	44.36 2.08 0.00	55.48 2.68 0.00	72.26 3.26 0.00	63.58 2.52 0.00	69.56 2.43 0.00	52.45 1.76 0.00
INDIAN POINT_GT_3 24019	48.44 1.48 0.00	43.31 1.32 0.00	41.95 1.37 0.00	42.39 1.32 0.00	39.35 1.35 0.00	49.89 1.85 0.00	85.01 3.19 0.00	79.56 3.36 0.00	58.78 2.64 0.00	56.01 2.35 0.00	51.31 2.04 0.00	43.06 1.68 0.00	39.51 1.67 0.00	36.51 1.62 0.00	37.85 1.63 0.00	39.20 1.77 0.00	38.48 1.72 0.00	38.96 1.70 0.00	44.36 2.08 0.00	55.48 2.68 0.00	72.26 3.26 0.00	63.58 2.52 0.00	69.56 2.43 0.00	52.45 1.76 0.00
INDIAN POINT___2 23530	48.27 1.30 0.00	43.17 1.17 0.00	41.81 1.23 0.00	42.25 1.18 0.00	39.23 1.24 0.00	49.76 1.72 0.00	84.78 2.95 0.00	79.33 3.13 0.00	58.56 2.42 0.00	55.81 2.15 0.00	51.09 1.82 0.00	42.88 1.50 0.00	39.35 1.51 0.00	36.35 1.46 0.00	37.69 1.48 0.00	39.04 1.61 0.00	38.30 1.54 0.00	38.77 1.51 0.00	44.15 1.87 0.00	55.24 2.44 0.00	71.93 2.94 0.00	63.32 2.26 0.00	69.29 2.16 0.00	52.25 1.57 0.00
INDIAN POINT___3 23531	48.49 1.52 0.00	43.33 1.34 0.00	41.98 1.40 0.00	42.42 1.34 0.00	39.38 1.39 0.00	49.91 1.87 0.00	85.03 3.21 0.00	79.59 3.40 0.00	58.82 2.68 0.00	56.05 2.40 0.00	51.36 2.10 0.00	43.10 1.72 0.00	39.58 1.74 0.00	36.55 1.66 0.00	37.88 1.68 0.00	39.25 1.82 0.00	38.52 1.76 0.00	38.99 1.74 0.00	44.39 2.10 0.00	55.52 2.72 0.00	72.27 3.27 0.00	63.60 2.55 0.00	69.58 2.46 0.00	52.47 1.78 0.00
INGHAM_C_115KV_TB7 356103	46.34 -0.63 0.00	41.76 -0.23 0.00	40.04 -0.54 0.00	40.34 -0.73 0.00	37.50 -0.50 0.00	47.60 -0.45 0.00	81.59 -0.24 0.00	75.26 -0.93 0.00	55.21 -0.93 0.00	51.17 -2.49 0.00	47.13 -2.14 0.00	39.37 -2.01 0.00	36.19 -1.65 0.00	33.41 -1.47 0.00	34.85 -1.36 0.00	36.30 -1.13 0.00	36.02 -0.74 0.00	37.02 -0.24 0.00	42.36 0.08 0.00	53.46 0.59 -0.06	69.52 0.46 -0.07	60.95 -0.10 0.00	66.21 -0.92 0.00	49.55 -1.14 0.00
IP CORINTH___1 23988	48.99 2.02 0.00	43.90 1.90 0.00	42.46 1.88 0.00	42.92 1.85 0.00	39.74 1.74 0.00	50.44 2.40 0.00	86.33 4.51 0.00	80.25 4.05 0.00	58.93 2.79 0.00	56.17 2.51 0.00	51.55 2.28 0.00	43.38 1.99 0.00	39.56 1.72 0.00	36.35 1.46 0.00	37.68 1.47 0.00	39.03 1.59 0.00	38.67 1.91 0.00	39.64 2.39 0.00	45.12 2.83 0.00	56.31 3.51 0.00	73.44 4.45 0.00	64.66 3.61 0.00	70.78 3.66 0.00	53.05 2.36 0.00

IP___TICONDEROGA 23804	50.63 3.66 0.00	45.22 3.23 0.00	43.79 3.22 0.00	44.09 3.02 0.00	40.91 2.91 0.00	52.07 4.03 0.00	89.50 7.68 0.00	83.05 6.86 0.00	60.75 4.61 0.00	57.62 3.97 0.00	53.10 3.83 0.00	44.52 3.14 0.00	40.42 2.59 0.00	36.97 2.08 0.00	38.35 2.14 0.00	39.85 2.42 0.00	39.71 2.95 0.00	41.22 3.96 0.00	47.15 4.86 0.00	58.63 5.83 0.00	76.31 7.31 0.00	66.88 5.83 0.00	73.09 5.97 0.00	54.34 3.65 0.00
ISLIP_RES_REC 323679	54.34 2.54 -4.84	40.00 1.90 3.89	38.66 2.07 3.98	40.55 1.84 2.36	34.52 1.84 5.32	46.44 2.21 3.80	84.24 2.42 0.00	79.23 3.04 0.00	58.86 2.73 0.00	56.07 2.41 0.00	51.33 2.06 0.00	42.24 1.55 0.69	37.74 1.66 1.76	34.94 1.95 1.89	36.34 1.95 1.83	38.68 2.28 1.04	39.22 2.33 -0.13	40.18 2.38 -0.55	45.03 2.60 -0.14	56.96 3.02 -1.15	68.93 3.77 3.83	62.33 2.90 1.62	65.17 2.88 4.83	51.02 2.20 1.86
JAMAICA__27_KV_LOAD 355505	48.59 1.62 0.00	43.37 1.37 0.00	42.01 1.44 0.00	42.43 1.36 0.00	39.39 1.40 0.00	49.94 1.90 0.00	85.34 3.52 0.00	79.89 3.70 0.00	59.12 2.98 0.00	56.36 2.70 0.00	51.85 2.59 0.00	43.52 2.14 0.00	40.05 2.21 0.00	37.03 2.15 0.00	37.96 1.76 0.01	39.29 1.88 0.02	32.99 1.90 5.67	39.11 1.86 0.02	44.55 2.28 0.02	57.21 2.92 -1.49	72.77 3.55 -0.22	63.75 2.71 0.01	69.78 2.66 0.01	52.58 1.91 0.01
JANIS___SOLAR 323808	51.08 1.64 -2.48	45.65 1.26 -2.40	43.88 0.92 -2.39	44.24 0.76 -2.41	41.29 0.87 -2.42	52.62 1.83 -2.75	89.14 3.30 -4.02	83.12 3.04 -3.89	61.42 2.14 -3.15	58.49 1.82 -3.01	53.26 1.18 -2.81	44.40 0.57 -2.45	39.94 0.27 -1.83	37.09 0.17 -2.04	38.71 0.42 -2.08	40.03 0.50 -2.10	38.44 0.48 -1.19	39.78 0.54 -1.98	45.68 0.93 -2.47	57.63 1.91 -2.92	74.79 2.74 -3.06	63.23 2.17 0.00	69.31 2.19 0.00	52.39 1.70 0.00
JARVIS____ 23743	46.91 -0.06 0.00	41.91 -0.08 0.00	40.53 -0.04 0.00	41.03 -0.04 0.00	37.97 -0.03 0.00	48.01 -0.03 0.00	81.90 0.08 0.00	76.24 0.04 0.00	56.17 0.03 0.00	53.62 -0.04 0.00	49.22 -0.05 0.00	41.34 -0.05 0.00	37.81 -0.03 0.00	34.89 0.00 0.00	36.24 0.03 0.00	37.51 0.07 0.00	36.85 0.09 0.00	37.37 0.12 0.00	42.45 0.17 0.00	53.13 0.26 -0.06	69.35 0.28 -0.07	61.24 0.18 0.00	67.26 0.13 0.00	50.73 0.05 0.00
JENNISON___1 23625	48.54 1.57 0.00	43.04 1.05 0.00	41.24 0.66 0.00	41.23 0.16 0.00	38.01 0.01 0.00	48.98 0.94 0.00	84.00 2.18 0.00	77.53 1.34 0.00	56.97 0.83 0.00	54.35 0.69 0.00	49.73 0.46 0.00	41.41 0.03 0.00	37.76 -0.08 0.00	34.66 -0.22 0.00	36.20 0.00 0.00	37.58 0.14 0.00	36.88 0.12 0.00	37.32 0.06 0.00	42.47 0.19 0.00	53.43 0.63 0.00	69.91 0.92 0.00	61.61 0.56 0.00	67.53 0.40 0.00	51.00 0.32 0.00
JENNISON___2 23626	48.54 1.57 0.00	43.04 1.05 0.00	41.24 0.66 0.00	41.23 0.16 0.00	38.01 0.01 0.00	48.98 0.94 0.00	84.00 2.18 0.00	77.53 1.34 0.00	56.97 0.83 0.00	54.35 0.69 0.00	49.73 0.46 0.00	41.41 0.03 0.00	37.76 -0.08 0.00	34.66 -0.22 0.00	36.20 0.00 0.00	37.58 0.14 0.00	36.88 0.12 0.00	37.32 0.06 0.00	42.47 0.19 0.00	53.43 0.63 0.00	69.91 0.92 0.00	61.61 0.56 0.00	67.53 0.40 0.00	51.00 0.32 0.00
JERICHO_RISE_WT_PWR 323719	48.14 1.17 0.00	42.90 0.90 0.00	41.28 0.70 0.00	41.66 0.59 0.00	37.91 -0.09 0.00	46.97 -1.07 0.00	61.03 -2.84 17.95	47.75 -2.64 25.80	33.74 -2.15 20.25	51.80 -1.86 0.00	47.95 -1.31 0.00	40.66 -0.72 0.00	37.08 -0.76 0.00	28.38 -1.23 5.27	7.74 -1.59 26.88	-26.14 -1.79 61.79	-26.07 -1.71 61.13	-26.11 -1.69 61.68	-26.58 -1.90 66.96	-21.04 -2.54 71.30	65.24 -2.88 0.88	58.83 -2.22 0.00	64.90 -2.22 0.00	49.13 -1.55 0.00
KATONAH___115KV_46KV_TB4 355592	48.83 1.86 0.00	43.63 1.64 0.00	42.26 1.68 0.00	42.70 1.63 0.00	39.64 1.64 0.00	50.24 2.20 0.00	85.63 3.81 0.00	80.19 4.00 0.00	59.31 3.17 0.00	56.49 2.82 0.00	51.78 2.51 0.00	43.45 2.07 0.00	39.88 2.04 0.00	36.84 1.95 0.00	38.18 1.97 0.00	39.57 2.14 0.00	38.86 2.10 0.00	39.35 2.09 0.00	44.82 2.54 0.00	56.08 3.28 0.00	73.04 4.05 0.00	64.24 3.19 0.00	70.27 3.14 0.00	52.94 2.25 0.00
KCE_NY_1 323755	48.60 1.63 0.00	43.66 1.66 0.00	42.13 1.55 0.00	42.63 1.56 0.00	39.47 1.47 0.00	50.10 2.06 0.00	85.47 3.65 0.00	79.51 3.32 0.00	58.39 2.25 0.00	55.65 1.99 0.00	51.07 1.80 0.00	43.06 1.68 0.00	39.30 1.46 0.00	36.12 1.24 0.00	37.55 1.34 0.00	38.90 1.47 0.00	38.47 1.71 0.00	39.24 1.99 0.00	44.59 2.31 0.00	55.66 2.86 0.00	72.59 3.60 0.00	64.06 3.00 0.00	70.16 3.03 0.00	52.64 1.95 0.00
KCE_NY_6_ESR 323823	37.83 -1.92 7.21	33.17 -1.83 6.99	31.50 -2.12 6.95	31.99 -2.07 7.02	28.99 -1.96 7.04	38.17 -1.87 8.00	66.57 -3.54 11.71	61.33 -3.53 11.33	44.55 -2.44 9.15	43.64 -1.26 8.76	39.91 -1.18 8.18	33.12 -1.14 7.13	31.39 -1.17 5.28	27.82 -1.14 5.93	29.20 -0.92 6.08	30.02 -1.29 6.13	32.14 -1.16 3.46	29.95 -1.53 5.78	32.62 -2.46 7.20	41.43 -2.84 8.53	57.42 -2.66 8.92	59.11 -1.94 0.00	66.08 -1.05 0.00	50.68 0.00 0.00
KEDC_PORT_JEFF_GT2 24210	53.70 2.35 -4.38	39.38 1.76 4.37	38.08 1.92 4.42	40.16 1.71 2.62	33.79 1.69 5.90	45.83 2.01 4.22	83.89 2.06 0.00	78.85 2.66 0.00	58.40 2.26 0.00	55.62 1.96 0.00	50.98 1.71 0.00	41.94 1.33 0.76	37.45 1.56 1.95	34.64 1.85 2.09	36.03 1.84 2.02	38.36 2.15 1.22	38.91 2.19 0.04	39.94 2.19 -0.49	44.81 2.40 -0.13	56.24 2.73 -0.72	68.12 3.41 4.29	61.46 2.60 2.19	64.36 2.55 5.31	50.39 1.98 2.27
KEDC_PORT_JEFF_GT3 24211	53.70 2.35 -4.38	39.38 1.76 4.37	38.08 1.92 4.42	40.16 1.71 2.62	33.79 1.69 5.90	45.83 2.01 4.22	83.89 2.06 0.00	78.85 2.66 0.00	58.40 2.26 0.00	55.62 1.96 0.00	50.98 1.71 0.00	41.94 1.33 0.76	37.45 1.56 1.95	34.64 1.85 2.09	36.03 1.84 2.02	38.36 2.15 1.22	38.91 2.19 0.04	39.94 2.19 -0.49	44.81 2.40 -0.13	56.24 2.73 -0.72	68.12 3.41 4.29	61.46 2.60 2.19	64.36 2.55 5.31	50.39 1.98 2.27
KEDC_GLWD_GT4 24219	72.07 2.32 -22.78	55.15 1.96 -11.20	52.13 2.03 -9.52	48.68 1.97 -5.64	52.88 1.98 -12.91	59.60 2.46 -9.09	85.59 3.76 0.00	80.28 4.09 0.00	59.49 3.35 -0.01	56.61 2.96 0.00	51.92 2.66 0.00	45.30 2.27 -1.65	44.32 2.27 -4.20	41.69 2.29 -4.51	42.87 2.29 -4.37	44.96 2.47 -5.06	45.30 2.42 -6.12	42.19 2.32 -2.62	45.70 2.71 -0.70	74.80 3.46 -18.55	84.55 4.40 -11.16	82.72 3.49 -18.18	81.28 3.51 -10.64	65.67 2.62 -12.37
KEDC_GLWD_GT5 24220	72.07 2.32 -22.78	55.15 1.96 -11.20	52.13 2.03 -9.52	48.68 1.97 -5.64	52.88 1.98 -12.91	59.60 2.46 -9.09	85.59 3.76 0.00	80.28 4.09 0.00	59.49 3.35 -0.01	56.61 2.96 0.00	51.92 2.66 0.00	45.30 2.27 -1.65	44.32 2.27 -4.20	41.69 2.29 -4.51	42.87 2.29 -4.37	44.96 2.47 -5.06	45.30 2.42 -6.12	42.19 2.32 -2.62	45.70 2.71 -0.70	74.80 3.46 -18.55	84.55 4.40 -11.16	82.72 3.49 -18.18	81.28 3.51 -10.64	65.67 2.62 -12.37

KENSICO____ 23655	48.75 1.78 0.00	43.54 1.55 0.00	42.17 1.60 0.00	42.62 1.54 0.00	39.56 1.56 0.00	50.13 2.09 0.00	85.38 3.56 0.00	79.96 3.76 0.00	59.14 3.00 0.00	56.37 2.71 0.00	51.67 2.41 0.00	43.36 1.98 0.00	39.83 1.99 0.00	36.79 1.91 0.00	38.11 1.90 0.00	39.48 2.05 0.00	38.78 2.02 0.00	39.26 2.01 0.00	44.68 2.40 0.00	55.88 3.08 0.00	72.74 3.75 0.00	63.99 2.94 0.00	69.99 2.87 0.00	52.77 2.08 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	49.12 2.15 0.00	43.93 1.93 0.00	42.52 1.94 0.00	43.00 1.94 0.00	39.90 1.91 0.00	50.58 2.54 0.00	86.36 4.54 0.00	80.81 4.61 0.00	59.52 3.38 0.00	56.52 2.86 0.00	51.55 2.28 0.00	43.19 1.81 0.00	39.73 1.89 0.00	36.77 1.88 0.00	38.12 1.92 0.00	39.54 2.10 0.00	38.85 2.09 0.00	39.41 2.15 0.00	44.96 2.68 0.00	56.48 3.68 0.00	73.67 4.68 0.00	64.84 3.78 0.00	70.92 3.80 0.00	53.43 2.74 0.00
KIAC_JFK_GT1 23816	48.28 1.31 0.00	43.11 1.12 0.00	41.77 1.19 0.00	42.19 1.12 0.00	39.17 1.17 0.00	49.63 1.59 0.00	84.70 2.88 0.00	79.28 3.08 0.00	58.68 2.54 0.00	55.95 2.29 0.00	51.48 2.22 0.00	43.23 1.85 0.00	39.79 1.95 0.00	36.79 1.91 0.00	37.68 1.47 0.01	38.94 1.52 0.02	32.62 1.53 5.67	38.73 1.49 0.02	44.11 1.85 0.02	56.66 2.37 -1.49	72.01 2.80 -0.22	63.13 2.08 0.01	69.24 2.12 0.01	52.19 1.52 0.01
KIAC_JFK_GT2 23817	48.28 1.31 0.00	43.11 1.12 0.00	41.77 1.19 0.00	42.19 1.12 0.00	39.17 1.17 0.00	49.63 1.59 0.00	84.70 2.88 0.00	79.28 3.08 0.00	58.68 2.54 0.00	55.95 2.29 0.00	51.48 2.22 0.00	43.23 1.85 0.00	39.79 1.95 0.00	36.79 1.91 0.00	37.68 1.47 0.01	38.94 1.52 0.02	32.62 1.53 5.67	38.73 1.49 0.02	44.11 1.85 0.02	56.66 2.37 -1.49	72.01 2.80 -0.22	63.13 2.08 0.01	69.24 2.12 0.01	52.19 1.52 0.01
KIAC_JFK____ 323774	48.27 1.30 0.00	43.11 1.11 0.00	41.75 1.18 0.00	42.18 1.12 0.00	39.16 1.16 0.00	49.62 1.58 0.00	84.67 2.85 0.00	79.26 3.07 0.00	58.66 2.52 0.00	55.93 2.28 0.00	51.47 2.20 0.00	43.23 1.85 0.00	39.77 1.93 0.00	36.79 1.90 0.00	37.66 1.46 0.01	38.92 1.50 0.02	32.60 1.51 5.67	38.73 1.48 0.02	44.10 1.83 0.02	56.63 2.35 -1.49	72.02 2.80 -0.22	63.11 2.06 0.01	69.25 2.13 0.01	52.19 1.51 0.01
KINTIGH____ 23543	39.55 -2.02 5.40	34.84 -1.92 5.23	33.24 -2.14 5.20	33.73 -2.08 5.25	30.76 -1.97 5.27	40.02 -2.03 5.99	69.29 -3.77 8.77	63.99 -3.73 8.48	46.79 -2.49 6.86	45.61 -1.49 6.57	41.82 -1.31 6.13	34.90 -1.15 5.34	32.62 -1.25 3.97	29.28 -1.16 4.44	30.60 -1.06 4.55	31.52 -1.33 4.58	32.99 -1.19 2.59	31.44 -1.50 4.32	34.54 -2.36 5.38	43.67 -2.75 6.38	59.64 -2.69 6.67	58.87 -2.18 0.00	65.53 -1.59 0.00	50.05 -0.63 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	48.99 2.02 0.00	43.66 1.66 0.00	42.05 1.48 0.00	42.42 1.35 0.00	38.67 0.67 0.00	47.95 -0.09 0.00	64.31 -1.03 16.49	51.49 -1.00 23.71	36.73 -0.81 18.60	52.89 -0.77 0.00	48.86 -0.41 0.00	41.30 -0.08 0.00	37.73 -0.10 0.00	29.41 -0.63 4.84	10.58 -0.94 24.69	-20.49 -1.15 56.76	-20.44 -1.04 56.17	-20.32 -0.92 56.67	-20.26 -1.02 61.52	-14.16 -1.37 65.59	66.53 -1.57 0.90	59.96 -1.09 0.00	66.06 -1.06 0.00	50.02 -0.66 0.00
LACHUTE__HYDRO 323717	50.63 3.66 0.00	45.22 3.23 0.00	43.79 3.21 0.00	44.09 3.02 0.00	40.91 2.91 0.00	52.07 4.03 0.00	89.50 7.68 0.00	83.04 6.85 0.00	60.75 4.61 0.00	57.62 3.96 0.00	53.10 3.83 0.00	44.52 3.13 0.00	40.42 2.59 0.00	36.97 2.08 0.00	38.35 2.14 0.00	39.85 2.42 0.00	39.71 2.95 0.00	41.22 3.96 0.00	47.14 4.86 0.00	58.64 5.84 0.00	76.31 7.31 0.00	66.88 5.83 0.00	73.09 5.97 0.00	54.34 3.65 0.00
LAWRNCV_115KV_TB1 80681	47.09 0.12 0.00	41.79 -0.21 0.00	40.26 -0.31 0.00	40.70 -0.37 0.00	37.48 -0.51 0.00	47.20 -0.84 0.00	82.71 -1.39 -2.28	78.19 -1.29 -3.28	57.45 -1.26 -2.58	52.47 -1.18 0.00	48.31 -0.96 0.00	40.71 -0.67 0.00	37.12 -0.72 0.00	34.70 -0.85 -0.67	38.54 -1.08 -3.41	43.95 -1.33 -7.85	43.33 -1.20 -7.76	43.98 -1.11 -7.84	49.68 -1.11 -8.51	59.56 -1.50 -8.26	65.85 -2.40 0.75	59.73 -1.32 0.00	65.93 -1.19 0.00	49.88 -0.81 0.00
LEDERLE____ 23769	48.59 1.62 0.00	43.43 1.44 0.00	42.07 1.49 0.00	42.50 1.43 0.00	39.47 1.47 0.00	50.08 2.04 0.00	85.36 3.53 0.00	79.90 3.70 0.00	58.98 2.84 0.00	56.22 2.56 0.00	51.49 2.22 0.00	43.20 1.82 0.00	39.64 1.80 0.00	36.62 1.74 0.00	37.99 1.78 0.00	39.34 1.91 0.00	38.60 1.83 0.00	39.06 1.81 0.00	44.50 2.22 0.00	55.65 2.85 0.00	72.46 3.46 0.00	63.77 2.72 0.00	69.76 2.63 0.00	52.61 1.92 0.00
LIGHTHSE_115KV_TB6 355974	45.83 -1.14 0.00	40.66 -1.33 0.00	39.25 -1.33 0.00	39.76 -1.31 0.00	36.84 -1.15 0.00	46.84 -1.20 0.00	80.51 -1.32 0.00	74.89 -1.30 0.00	55.03 -1.12 0.00	52.69 -0.97 0.00	48.24 -1.03 0.00	40.32 -1.06 0.00	36.76 -1.08 0.00	33.84 -1.04 0.00	35.15 -1.06 0.00	36.28 -1.16 0.00	35.81 -0.96 0.00	36.51 -0.75 0.00	41.72 -0.56 0.00	52.31 -0.44 0.05	68.39 -0.55 0.06	60.51 -0.55 0.00	66.59 -0.53 0.00	50.10 -0.58 0.00
LINDEN COGEN____ 23786	48.72 1.75 0.00	43.49 1.50 0.00	42.13 1.56 0.00	42.58 1.50 0.00	39.56 1.57 0.00	50.15 2.12 0.00	85.51 3.69 0.00	80.01 3.81 0.00	59.16 3.02 0.00	56.42 2.76 0.00	51.72 2.46 0.00	43.44 2.06 0.00	39.91 2.07 0.00	36.87 1.98 0.00	38.14 1.93 0.00	39.49 2.06 0.00	38.80 2.04 0.00	39.30 2.04 0.00	44.76 2.48 0.00	55.94 3.15 0.00	72.87 3.87 0.00	63.99 2.94 0.00	70.04 2.92 0.00	52.83 2.14 0.00
LINDHRST_69_KV_BK1 356055	62.71 2.91 -12.83	48.93 2.45 -4.48	46.68 2.49 -3.61	45.54 2.33 -2.14	45.16 2.24 -4.92	54.16 2.66 -3.45	85.21 3.38 0.00	80.10 3.90 0.00	59.53 3.39 0.00	56.51 2.85 0.00	51.80 2.53 0.00	44.06 2.06 -0.62	41.52 2.08 -1.60	38.86 2.26 -1.71	40.17 2.31 -1.66	42.22 2.55 -2.24	42.44 2.57 -3.11	41.13 2.42 -1.45	45.46 2.79 -0.38	65.06 3.60 -8.65	77.66 4.55 -4.12	73.19 3.78 -8.36	74.57 3.78 -3.67	58.91 2.86 -5.37
LIPA_MISC_IPP 23656	53.21 2.11 -4.14	38.97 1.59 4.62	37.69 1.75 4.64	39.79 1.47 2.75	33.24 1.45 6.21	45.37 1.76 4.43	83.21 1.39 0.00	78.27 2.07 0.00	58.30 2.17 0.00	55.59 1.93 0.00	51.01 1.74 0.00	41.77 1.20 0.80	37.14 1.34 2.05	34.36 1.67 2.20	35.75 1.67 2.13	38.09 1.98 1.32	38.66 2.02 0.13	39.78 2.05 -0.47	44.51 2.11 -0.12	55.49 2.20 -0.49	67.12 2.65 4.52	60.50 1.93 2.48	63.40 1.84 5.56	49.65 1.45 2.48
LISF__SOLAR 323691	53.38 2.18 -4.22	39.00 1.54 4.53	37.76 1.74 4.56	39.84 1.47 2.70	33.38 1.48 6.10	45.49 1.81 4.36	83.29 1.47 0.00	78.36 2.16 0.00	58.36 2.23 0.00	55.63 1.97 0.00	50.98 1.72 0.00	41.74 1.15 0.79	37.14 1.31 2.01	34.39 1.66 2.16	35.76 1.64 2.09	38.11 1.96 1.28	38.70 2.03 0.09	39.83 2.09 -0.48	44.58 2.17 -0.13	55.62 2.25 -0.57	67.33 2.77 4.44	60.70 2.03 2.38	63.60 1.95 5.47	49.79 1.52 2.41

LITTLE FALLS___HYD 24013	46.34 -0.63 0.00	41.76 -0.23 0.00	40.04 -0.54 0.00	40.34 -0.73 0.00	37.50 -0.50 0.00	47.60 -0.45 0.00	81.59 -0.24 0.00	75.26 -0.93 0.00	55.21 -0.93 0.00	51.17 -2.49 0.00	47.13 -2.14 0.00	39.37 -2.01 0.00	36.19 -1.65 0.00	33.41 -1.47 0.00	34.85 -1.36 0.00	36.30 -1.13 0.00	36.02 -0.74 0.00	37.02 -0.24 0.00	42.36 0.08 0.00	53.46 0.59 -0.06	69.52 0.46 -0.07	60.95 -0.10 0.00	66.21 -0.92 0.00	49.55 -1.14 0.00
LITTLRIV_115KV_TB1 356100	47.72 0.75 0.00	42.41 0.42 0.00	40.87 0.30 0.00	41.33 0.26 0.00	38.08 0.09 0.00	48.00 -0.04 0.00	84.37 0.04 -2.51	79.88 0.08 -3.61	58.65 -0.32 -2.83	53.35 -0.31 0.00	49.12 -0.15 0.00	41.38 0.00 0.00	37.72 -0.12 0.00	35.24 -0.38 -0.74	39.34 -0.62 -3.75	45.13 -0.93 -8.63	44.52 -0.78 -8.54	45.23 -0.64 -8.61	51.17 -0.46 -9.35	61.34 -0.63 -9.17	67.08 -1.18 0.73	60.76 -0.29 0.00	67.06 -0.06 0.00	50.73 0.04 0.00
LI_NEWBRDGE___DRP 323616	50.07 2.12 -0.98	35.96 1.83 7.86	34.91 1.91 7.58	38.37 1.79 4.49	29.62 1.79 10.17	42.91 2.11 7.24	84.43 2.61 0.00	79.27 3.08 0.00	58.80 2.67 0.01	55.95 2.29 0.00	51.36 2.09 0.00	41.88 1.81 1.31	36.36 1.87 3.35	33.29 2.00 3.59	34.74 2.01 3.48	37.06 2.22 2.59	37.62 2.15 1.29	39.33 1.96 -0.11	44.57 2.26 -0.02	52.92 2.86 2.73	65.01 3.65 7.63	57.55 2.85 6.35	61.14 2.85 8.84	47.56 2.20 5.33
LOCKPORT_115KV_TB60_63_64 80432	34.49 -3.11 9.37	30.01 -2.91 9.08	28.36 -3.19 9.03	28.81 -3.14 9.12	25.91 -2.94 9.15	34.45 -3.19 10.39	60.57 -6.04 15.22	55.54 -5.92 14.73	40.34 -3.82 11.98	39.65 -2.54 11.47	36.27 -2.29 10.71	29.97 -2.15 9.27	28.58 -2.30 6.96	25.06 -2.10 7.73	26.30 -2.01 7.90	27.12 -2.36 7.96	30.07 -2.20 4.49	27.22 -2.54 7.50	29.25 -3.68 9.35	37.42 -4.30 11.07	52.92 -4.49 11.58	57.48 -3.58 0.00	64.41 -2.72 0.00	49.35 -1.34 0.00
LOCKPORT___CC1 323769	32.73 -3.12 11.12	28.31 -2.90 10.77	26.68 -3.18 10.72	27.11 -3.14 10.82	24.24 -2.90 10.86	32.52 -3.18 12.34	57.75 -6.01 18.06	52.89 -5.83 17.48	38.20 -3.74 14.20	37.54 -2.53 13.59	34.28 -2.30 12.69	28.24 -2.14 11.00	27.32 -2.26 8.25	23.63 -2.08 9.17	24.91 -1.92 9.38	25.69 -2.30 9.44	29.26 -2.17 5.33	25.85 -2.50 8.91	27.60 -3.58 11.10	35.45 -4.20 13.15	50.70 -4.56 13.75	57.39 -3.67 0.00	64.31 -2.82 0.00	49.33 -1.35 0.00
LOCKPORT___CC2 323770	32.73 -3.12 11.12	28.31 -2.90 10.77	26.68 -3.18 10.72	27.11 -3.14 10.82	24.24 -2.90 10.86	32.52 -3.18 12.34	57.75 -6.01 18.06	52.89 -5.83 17.48	38.20 -3.74 14.20	37.54 -2.53 13.59	34.28 -2.30 12.69	28.24 -2.14 11.00	27.32 -2.26 8.25	23.63 -2.08 9.17	24.91 -1.92 9.38	25.69 -2.30 9.44	29.26 -2.17 5.33	25.85 -2.50 8.91	27.60 -3.58 11.10	35.45 -4.20 13.15	50.70 -4.56 13.75	57.39 -3.67 0.00	64.31 -2.82 0.00	49.33 -1.35 0.00
LOCKPORT___CC3 323771	32.73 -3.12 11.12	28.31 -2.90 10.77	26.68 -3.18 10.72	27.11 -3.14 10.82	24.24 -2.90 10.86	32.52 -3.18 12.34	57.75 -6.01 18.06	52.89 -5.83 17.48	38.20 -3.74 14.20	37.54 -2.53 13.59	34.28 -2.30 12.69	28.24 -2.14 11.00	27.32 -2.26 8.25	23.63 -2.08 9.17	24.91 -1.92 9.38	25.69 -2.30 9.44	29.26 -2.17 5.33	25.85 -2.50 8.91	27.60 -3.58 11.10	35.45 -4.20 13.15	50.70 -4.56 13.75	57.39 -3.67 0.00	64.31 -2.82 0.00	49.33 -1.35 0.00
LONG_LAKE_PHOENIX 24014	46.07 -0.90 0.00	41.15 -0.84 0.00	39.73 -0.84 0.00	40.24 -0.83 0.00	37.28 -0.71 0.00	47.33 -0.71 0.00	80.83 -0.99 0.00	75.31 -0.88 0.00	55.51 -0.63 0.00	53.15 -0.51 0.00	48.71 -0.56 0.00	40.80 -0.58 0.00	37.25 -0.59 0.00	34.37 -0.51 0.00	35.69 -0.52 0.00	36.94 -0.49 0.00	36.32 -0.44 0.00	36.85 -0.41 0.00	41.82 -0.47 0.00	52.29 -0.51 0.00	68.44 -0.55 0.00	60.40 -0.65 0.00	66.39 -0.74 0.00	50.13 -0.56 0.00
LOVETT___3 23632	48.40 1.43 0.00	43.27 1.27 0.00	41.91 1.33 0.00	42.35 1.28 0.00	39.32 1.32 0.00	49.86 1.82 0.00	84.93 3.11 0.00	79.49 3.29 0.00	58.72 2.58 0.00	55.97 2.31 0.00	51.26 2.00 0.00	43.02 1.64 0.00	39.49 1.65 0.00	36.47 1.59 0.00	37.82 1.61 0.00	39.16 1.73 0.00	38.42 1.66 0.00	38.88 1.62 0.00	44.27 1.99 0.00	55.37 2.57 0.00	72.07 3.08 0.00	63.43 2.38 0.00	69.40 2.27 0.00	52.35 1.67 0.00
LOVETT___4 23642	48.40 1.43 0.00	43.27 1.27 0.00	41.91 1.33 0.00	42.35 1.28 0.00	39.32 1.32 0.00	49.86 1.82 0.00	84.93 3.11 0.00	79.49 3.29 0.00	58.72 2.58 0.00	55.97 2.31 0.00	51.26 2.00 0.00	43.02 1.64 0.00	39.49 1.65 0.00	36.47 1.59 0.00	37.82 1.61 0.00	39.16 1.73 0.00	38.42 1.66 0.00	38.88 1.62 0.00	44.27 1.99 0.00	55.37 2.57 0.00	72.07 3.08 0.00	63.43 2.38 0.00	69.40 2.27 0.00	52.35 1.67 0.00
LOVETT___5 23593	48.40 1.43 0.00	43.27 1.27 0.00	41.91 1.33 0.00	42.35 1.28 0.00	39.32 1.32 0.00	49.86 1.82 0.00	84.93 3.11 0.00	79.49 3.29 0.00	58.72 2.58 0.00	55.97 2.31 0.00	51.26 2.00 0.00	43.02 1.64 0.00	39.49 1.65 0.00	36.47 1.59 0.00	37.82 1.61 0.00	39.16 1.73 0.00	38.42 1.66 0.00	38.88 1.62 0.00	44.27 1.99 0.00	55.37 2.57 0.00	72.07 3.08 0.00	63.43 2.38 0.00	69.40 2.27 0.00	52.35 1.67 0.00
LOWER RAQUET___HYD 24057	46.81 -0.15 0.00	41.53 -0.46 0.00	40.01 -0.56 0.00	40.44 -0.63 0.00	37.24 -0.76 0.00	46.89 -1.15 0.00	82.68 -1.87 -2.72	78.38 -1.72 -3.91	57.61 -1.61 -3.07	52.12 -1.54 0.00	48.00 -1.27 0.00	40.44 -0.94 0.00	36.86 -0.98 0.00	34.59 -1.10 -0.80	38.93 -1.35 -4.07	45.18 -1.61 -9.36	44.57 -1.46 -9.26	45.25 -1.36 -9.34	51.09 -1.34 -10.14	61.05 -1.77 -10.02	65.54 -2.74 0.72	59.42 -1.64 0.00	65.60 -1.53 0.00	49.59 -1.09 0.00
LOWER___HUDSON 24059	47.76 0.80 0.00	42.92 0.93 0.00	41.55 0.97 0.00	42.03 0.96 0.00	38.85 0.86 0.00	49.15 1.12 0.00	83.82 1.99 0.00	77.90 1.70 0.00	57.49 1.35 0.00	54.85 1.19 0.00	50.45 1.18 0.00	42.44 1.06 0.00	38.84 1.00 0.00	35.75 0.87 0.00	37.10 0.89 0.00	38.43 1.00 0.00	37.84 1.08 0.00	38.46 1.20 0.00	43.65 1.36 0.00	54.49 1.69 0.00	71.01 2.02 0.00	62.73 1.68 0.00	68.73 1.61 0.00	51.66 0.98 0.00
LOWVILLE_115KV_TB2 356335	46.13 -0.84 0.00	40.38 -1.61 0.00	39.07 -1.50 0.00	39.48 -1.59 0.00	36.55 -1.44 0.00	46.48 -1.56 0.00	81.88 -0.73 -0.79	76.10 -1.23 -1.13	55.54 -1.49 -0.89	52.25 -1.41 0.00	47.81 -1.46 0.00	39.96 -1.43 0.00	36.46 -1.37 0.00	33.82 -1.30 -0.23	35.99 -1.39 -1.17	38.61 -1.51 -2.69	38.33 -1.10 -2.66	39.19 -0.75 -2.68	45.14 -0.06 -2.91	56.04 0.32 -2.92	68.52 -0.31 0.16	61.17 0.12 0.00	67.63 0.50 0.00	50.50 -0.19 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	48.59 1.62 0.00	43.60 1.61 0.00	42.15 1.58 0.00	42.64 1.57 0.00	39.48 1.48 0.00	50.04 2.00 0.00	85.45 3.63 0.00	79.41 3.22 0.00	58.38 2.24 0.00	55.68 2.01 0.00	51.09 1.82 0.00	43.03 1.65 0.00	39.29 1.45 0.00	36.16 1.27 0.00	37.54 1.33 0.00	38.87 1.44 0.00	38.42 1.65 0.00	39.18 1.93 0.00	44.53 2.25 0.00	55.60 2.80 0.00	72.52 3.53 0.00	63.96 2.90 0.00	70.06 2.94 0.00	52.63 1.94 0.00

LUTHERNY_35_KV_BK2 355980	48.60 1.63 0.00	43.66 1.67 0.00	42.13 1.55 0.00	42.64 1.57 0.00	39.47 1.48 0.00	50.10 2.06 0.00	85.48 3.66 0.00	79.53 3.33 0.00	58.40 2.26 0.00	55.66 2.00 0.00	51.07 1.80 0.00	43.07 1.69 0.00	39.30 1.46 0.00	36.12 1.24 0.00	37.55 1.34 0.00	38.91 1.48 0.00	38.47 1.71 0.00	39.24 1.99 0.00	44.59 2.31 0.00	55.66 2.86 0.00	72.60 3.61 0.00	64.06 3.00 0.00	70.16 3.03 0.00	52.64 1.95 0.00
LWR___OSWEGATCHIE_HYD 23850	45.91 -1.06 0.00	40.47 -1.53 0.00	39.06 -1.52 0.00	39.50 -1.57 0.00	36.46 -1.53 0.00	46.15 -1.89 0.00	81.44 -2.23 -1.85	76.59 -2.27 -2.66	56.09 -2.14 -2.09	51.63 -2.03 0.00	47.38 -1.89 0.00	39.75 -1.63 0.00	36.22 -1.62 0.00	33.80 -1.62 -0.54	37.17 -1.80 -2.76	41.74 -2.05 -6.35	41.31 -1.75 -6.29	42.12 -1.48 -6.34	48.01 -1.16 -6.89	58.35 -1.27 -6.82	66.34 -2.18 0.47	59.65 -1.41 0.00	65.83 -1.29 0.00	49.46 -1.22 0.00
LYONS_FALL_HYD 23570	46.75 -0.22 0.00	41.26 -0.73 0.00	39.90 -0.68 0.00	40.35 -0.72 0.00	37.35 -0.64 0.00	47.46 -0.58 0.00	82.72 0.37 -0.53	76.98 0.02 -0.76	56.37 -0.37 -0.60	53.33 -0.33 0.00	48.84 -0.43 0.00	40.85 -0.53 0.00	37.31 -0.53 0.00	34.52 -0.52 -0.15	36.46 -0.53 -0.79	38.67 -0.56 -1.81	38.30 -0.25 -1.79	39.05 -0.01 -1.80	44.73 0.49 -1.96	55.68 0.90 -1.98	69.62 0.71 0.08	61.86 0.81 0.00	68.19 1.06 0.00	51.08 0.40 0.00
MADISON___COUNTY_LFGE 323628	47.78 0.81 0.00	42.59 0.59 0.00	41.13 0.56 0.00	41.65 0.58 0.00	38.58 0.59 0.00	49.00 0.96 0.00	84.07 2.25 0.00	78.37 2.18 0.00	57.64 1.50 0.00	55.17 1.51 0.00	50.49 1.23 0.00	42.21 0.82 0.00	38.47 0.63 0.00	35.46 0.58 0.00	36.92 0.71 0.00	38.31 0.88 0.00	37.80 1.03 0.00	38.33 1.07 0.00	43.60 1.32 0.00	54.64 1.84 0.00	71.36 2.36 0.00	62.99 1.94 0.00	69.20 2.07 0.00	52.10 1.42 0.00
MALONE___115KV_TB1 356076	48.22 1.25 0.00	42.92 0.93 0.00	41.30 0.72 0.00	41.71 0.64 0.00	38.06 0.06 0.00	47.42 -0.62 0.00	91.90 -1.57 -11.65	91.63 -1.31 -16.75	68.06 -1.22 -13.14	52.62 -1.04 0.00	48.62 -0.65 0.00	41.16 -0.22 0.00	37.51 -0.33 0.00	37.50 -0.80 -3.42	52.51 -1.15 -17.44	76.23 -1.30 -40.10	75.29 -1.15 -39.67	76.20 -1.08 -40.03	84.64 -1.10 -43.46	96.28 -1.49 -44.97	66.38 -1.78 0.84	59.92 -1.13 0.00	66.07 -1.06 0.00	49.99 -0.70 0.00
MAPLEWOD_115KV_TB3 80458	47.63 0.66 0.00	42.75 0.76 0.00	41.42 0.84 0.00	41.89 0.82 0.00	38.77 0.77 0.00	49.00 0.96 0.00	83.50 1.68 0.00	77.64 1.45 0.00	57.34 1.20 0.00	54.73 1.07 0.00	50.35 1.08 0.00	42.38 1.00 0.00	38.82 0.98 0.00	35.76 0.87 0.00	37.13 0.92 0.00	38.44 1.01 0.00	37.84 1.07 0.00	38.41 1.16 0.00	43.52 1.23 0.00	54.33 1.54 0.00	70.80 1.80 0.00	62.51 1.46 0.00	68.51 1.38 0.00	51.52 0.84 0.00
MAPLE_RIDGE_WT_1 323574	46.50 -0.47 0.00	41.06 -0.93 0.00	39.64 -0.94 0.00	40.14 -0.94 0.00	37.02 -0.97 0.00	46.67 -1.37 0.00	79.74 -2.09 0.00	74.26 -1.94 0.00	54.39 -1.75 0.00	51.97 -1.69 0.00	47.84 -1.43 0.00	40.31 -1.07 0.00	36.88 -0.96 0.00	34.04 -0.84 0.00	35.23 -0.98 0.00	36.34 -1.10 0.00	35.69 -1.07 0.00	36.27 -0.98 0.00	41.46 -0.82 0.00	50.09 -1.27 1.43	65.87 -1.58 1.56	59.82 -1.23 0.00	66.07 -1.05 0.00	50.09 -0.59 0.00
MAPLE_RIDGE_WT_2 323611	46.50 -0.47 0.00	41.06 -0.93 0.00	39.64 -0.94 0.00	40.14 -0.94 0.00	37.02 -0.97 0.00	46.67 -1.37 0.00	79.74 -2.09 0.00	74.26 -1.94 0.00	54.39 -1.75 0.00	51.97 -1.69 0.00	47.84 -1.43 0.00	40.31 -1.07 0.00	36.88 -0.96 0.00	34.04 -0.84 0.00	35.23 -0.98 0.00	36.34 -1.10 0.00	35.69 -1.07 0.00	36.27 -0.98 0.00	41.46 -0.82 0.00	50.09 -1.27 1.43	65.87 -1.58 1.56	59.82 -1.23 0.00	66.07 -1.05 0.00	50.09 -0.59 0.00
MARBLE_RIVER_WT_PWR 323696	48.11 1.15 0.00	42.89 0.90 0.00	41.29 0.71 0.00	41.68 0.61 0.00	37.96 -0.03 0.00	47.05 -0.99 0.00	62.67 -2.67 16.49	49.98 -2.51 23.71	35.52 -2.02 18.60	51.90 -1.76 0.00	48.03 -1.24 0.00	40.71 -0.67 0.00	37.15 -0.69 0.00	28.88 -1.16 4.84	10.03 -1.49 24.69	-21.00 -1.67 56.76	-21.00 -1.60 56.17	-21.00 -1.59 56.67	-21.00 -1.76 61.52	-15.17 -2.39 65.59	65.34 -2.76 0.90	58.96 -2.10 0.00	65.01 -2.11 0.00	49.23 -1.46 0.00
MARSHVLE_115KV_TB1 80742	49.64 2.67 0.00	44.18 2.19 0.00	42.36 1.78 0.00	42.77 1.70 0.00	39.62 1.63 0.00	50.38 2.34 0.00	86.47 4.65 0.00	80.47 4.27 0.00	58.80 2.66 0.00	55.38 1.73 0.00	50.43 1.17 0.00	42.22 0.84 0.00	38.53 0.69 0.00	35.45 0.56 0.00	37.05 0.84 0.00	38.41 0.98 0.00	38.06 1.30 0.00	38.98 1.72 0.00	44.46 2.18 0.00	55.89 3.09 0.00	73.21 4.21 0.00	64.57 3.52 0.00	70.94 3.82 0.00	53.58 2.90 0.00
MARSH_HILL_WT_PWR 323713	78.51 -3.92 -35.47	73.47 -2.89 -34.36	71.46 -3.31 -34.19	72.25 -3.34 -34.53	69.98 -2.65 -34.63	84.04 -3.35 -39.35	133.75 -5.68 -57.60	126.93 -5.00 -55.73	97.49 -3.76 -45.11	93.30 -3.53 -43.17	86.21 -3.37 -40.31	73.30 -3.14 -35.06	61.14 -2.97 -26.27	61.19 -2.97 -29.27	62.94 -3.17 -29.90	63.97 -3.58 -30.11	50.46 -3.32 -17.01	62.40 -3.27 -28.40	74.20 -3.48 -35.40	90.69 -4.03 -41.92	107.96 -4.87 -43.84	56.86 -4.20 0.00	63.72 -3.41 0.00	49.37 -1.31 0.00
MCINTYRE_115KV_TB2 80467	48.31 1.35 0.00	43.00 1.00 0.00	41.43 0.85 0.00	41.91 0.84 0.00	38.63 0.63 0.00	48.72 0.68 0.00	85.17 1.18 -2.17	80.49 1.18 -3.12	59.06 0.48 -2.45	54.12 0.46 0.00	49.82 0.55 0.00	41.95 0.57 0.00	38.24 0.40 0.00	35.62 0.10 -0.64	39.26 -0.19 -3.24	44.41 -0.48 -7.45	43.78 -0.35 -7.37	44.46 -0.24 -7.44	50.37 0.01 -8.07	60.58 -0.02 -7.80	67.92 -0.31 0.76	61.55 0.50 0.00	67.91 0.78 0.00	51.40 0.72 0.00
MECO_____69_KV_BK1 80468	49.85 2.88 0.00	44.47 2.48 0.00	42.78 2.20 0.00	43.22 2.15 0.00	40.08 2.08 0.00	50.99 2.96 0.00	87.50 5.67 0.00	81.26 5.06 0.00	59.14 3.00 0.00	55.10 1.44 0.00	50.44 1.17 0.00	41.96 0.58 0.00	38.47 0.63 0.00	35.31 0.43 0.00	36.89 0.68 0.00	38.49 1.06 0.00	38.28 1.51 0.00	39.42 2.16 0.00	44.96 2.68 0.00	56.76 3.96 0.00	74.29 5.29 0.00	65.46 4.41 0.00	71.75 4.63 0.00	54.06 3.37 0.00
MENANDS___115KV_TB5 355628	47.35 0.38 0.00	42.51 0.51 0.00	41.21 0.64 0.00	41.68 0.61 0.00	38.58 0.58 0.00	48.72 0.68 0.00	82.98 1.16 0.00	77.14 0.94 0.00	57.00 0.86 0.00	54.43 0.77 0.00	50.10 0.83 0.00	42.19 0.81 0.00	38.66 0.82 0.00	35.62 0.74 0.00	36.98 0.77 0.00	38.30 0.86 0.00	37.65 0.89 0.00	38.19 0.93 0.00	43.24 0.95 0.00	53.95 1.16 0.00	70.30 1.31 0.00	62.08 1.02 0.00	68.04 0.91 0.00	51.17 0.49 0.00
MG INDUSTRY___DRP 24185	47.49 0.53 0.00	42.60 0.61 0.00	41.28 0.71 0.00	41.79 0.72 0.00	38.69 0.69 0.00	48.86 0.82 0.00	83.20 1.37 0.00	77.23 1.04 0.00	56.91 0.77 0.00	54.19 0.53 0.00	49.79 0.52 0.00	41.97 0.59 0.00	38.46 0.62 0.00	35.43 0.55 0.00	36.85 0.64 0.00	38.16 0.72 0.00	37.49 0.72 0.00	38.09 0.83 0.00	43.18 0.89 0.00	53.96 1.16 0.00	70.33 1.34 0.00	62.11 1.05 0.00	68.13 1.00 0.00	51.32 0.64 0.00

MID___OSWEGATCHIE_HYD 23849	45.91 -1.06 0.00	40.47 -1.53 0.00	39.06 -1.52 0.00	39.50 -1.57 0.00	36.46 -1.53 0.00	46.15 -1.89 0.00	81.44 -2.23 -1.85	76.59 -2.27 -2.66	56.09 -2.14 -2.09	51.63 -2.03 0.00	47.38 -1.89 0.00	39.75 -1.63 0.00	36.22 -1.62 0.00	33.80 -1.62 -0.54	37.17 -1.80 -2.76	41.74 -2.05 -6.35	41.31 -1.75 -6.29	42.12 -1.48 -6.34	48.01 -1.16 -6.89	58.35 -1.27 -6.82	66.34 -2.18 0.47	59.65 -1.41 0.00	65.83 -1.29 0.00	49.46 -1.22 0.00
MID___RAQUETTE_HYD 23851	46.81 -0.15 0.00	41.53 -0.47 0.00	40.02 -0.56 0.00	40.44 -0.63 0.00	37.25 -0.75 0.00	46.89 -1.15 0.00	82.69 -1.86 -2.72	78.39 -1.72 -3.91	57.61 -1.61 -3.07	52.13 -1.53 0.00	48.00 -1.27 0.00	40.44 -0.94 0.00	36.86 -0.98 0.00	34.59 -1.09 -0.80	38.94 -1.34 -4.07	45.19 -1.61 -9.36	44.57 -1.46 -9.26	45.25 -1.35 -9.34	51.10 -1.33 -10.14	61.06 -1.75 -10.02	65.54 -2.74 0.72	59.42 -1.64 0.00	65.60 -1.53 0.00	49.60 -1.09 0.00
MILLIKEN___1 23584	50.30 0.69 -2.64	45.10 0.55 -2.56	43.61 0.48 -2.55	44.15 0.51 -2.57	41.16 0.58 -2.58	52.00 1.03 -2.93	88.13 2.03 -4.29	82.30 1.96 -4.15	60.98 1.49 -3.36	58.36 1.48 -3.21	53.45 1.18 -3.00	44.73 0.74 -2.61	40.36 0.57 -1.95	37.53 0.47 -2.17	39.09 0.66 -2.22	40.36 0.69 -2.24	38.63 0.60 -1.26	39.95 0.58 -2.11	45.66 0.75 -2.63	57.21 1.29 -3.12	74.20 1.95 -3.26	62.58 1.53 0.00	68.77 1.65 0.00	51.97 1.29 0.00
MILLIKEN___2 23585	50.30 0.69 -2.64	45.10 0.55 -2.56	43.61 0.48 -2.55	44.15 0.51 -2.57	41.16 0.58 -2.58	52.00 1.03 -2.93	88.13 2.03 -4.29	82.30 1.96 -4.15	60.98 1.49 -3.36	58.36 1.48 -3.21	53.45 1.18 -3.00	44.73 0.74 -2.61	40.36 0.57 -1.95	37.53 0.47 -2.17	39.09 0.66 -2.22	40.36 0.69 -2.24	38.63 0.60 -1.26	39.95 0.58 -2.11	45.66 0.75 -2.63	57.21 1.29 -3.12	74.20 1.95 -3.26	62.58 1.53 0.00	68.77 1.65 0.00	51.97 1.29 0.00
MILLIKEN___DIESEL 23629	50.30 0.69 -2.64	45.10 0.55 -2.56	43.61 0.48 -2.55	44.15 0.51 -2.57	41.16 0.58 -2.58	52.00 1.03 -2.93	88.13 2.03 -4.29	82.30 1.96 -4.15	60.98 1.49 -3.36	58.36 1.48 -3.21	53.45 1.18 -3.00	44.73 0.74 -2.61	40.36 0.57 -1.95	37.53 0.47 -2.17	39.09 0.66 -2.22	40.36 0.69 -2.24	38.63 0.60 -1.26	39.95 0.58 -2.11	45.66 0.75 -2.63	57.21 1.29 -3.12	74.20 1.95 -3.26	62.58 1.53 0.00	68.77 1.65 0.00	51.97 1.29 0.00
MILLSEAT___LFGE 323607	37.23 -1.92 7.82	32.58 -1.83 7.58	30.93 -2.11 7.54	31.43 -2.03 7.61	28.51 -1.85 7.64	37.61 -1.76 8.68	65.87 -3.26 12.70	60.75 -3.15 12.29	44.29 -1.85 10.00	43.24 -0.85 9.57	39.43 -0.90 8.93	32.55 -1.10 7.73	30.64 -1.40 5.80	27.01 -1.43 6.44	28.08 -1.54 6.59	28.84 -1.96 6.64	31.27 -1.74 3.75	29.04 -1.96 6.26	31.83 -2.65 7.80	41.13 -2.42 9.24	57.17 -2.16 9.66	59.36 -1.70 0.00	66.20 -0.92 0.00	50.57 -0.11 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	48.58 1.61 0.00	43.41 1.41 0.00	42.04 1.46 0.00	42.49 1.42 0.00	39.44 1.44 0.00	49.99 1.95 0.00	85.14 3.32 0.00	79.70 3.51 0.00	58.92 2.78 0.00	56.16 2.50 0.00	51.46 2.19 0.00	43.19 1.80 0.00	39.66 1.82 0.00	36.62 1.74 0.00	37.96 1.75 0.00	39.32 1.89 0.00	38.61 1.84 0.00	39.08 1.82 0.00	44.50 2.22 0.00	55.64 2.84 0.00	72.45 3.46 0.00	63.74 2.69 0.00	69.74 2.61 0.00	52.58 1.89 0.00
MILLWOOD_13_KV_LOAD 356217	48.63 1.66 0.00	43.46 1.46 0.00	42.09 1.51 0.00	42.54 1.47 0.00	39.49 1.49 0.00	50.04 2.00 0.00	85.27 3.45 0.00	79.82 3.63 0.00	59.02 2.88 0.00	56.23 2.57 0.00	51.51 2.24 0.00	43.22 1.84 0.00	39.70 1.86 0.00	36.66 1.78 0.00	37.99 1.78 0.00	39.36 1.93 0.00	38.66 1.89 0.00	39.14 1.88 0.00	44.56 2.27 0.00	55.73 2.93 0.00	72.58 3.58 0.00	63.84 2.78 0.00	69.85 2.73 0.00	52.65 1.97 0.00
MODEL_CITY_ENERGY 24167	34.32 -3.55 9.09	29.87 -3.31 8.81	28.23 -3.57 8.77	28.69 -3.52 8.85	25.82 -3.29 8.88	34.27 -3.68 10.09	60.17 -6.88 14.77	55.17 -6.75 14.27	39.67 -5.14 11.33	39.06 -3.76 10.84	35.75 -3.40 10.13	29.83 -2.57 8.98	28.54 -2.57 6.74	25.04 -2.35 7.50	26.35 -2.19 7.67	27.12 -2.59 7.72	29.96 -2.44 4.36	27.16 -2.81 7.29	29.21 -3.99 9.08	37.27 -4.78 10.75	52.48 -5.27 11.24	56.81 -4.25 0.00	63.71 -3.42 0.00	48.86 -1.82 0.00
MODERN_LFGE___ 323580	34.32 -3.55 9.09	29.87 -3.31 8.81	28.23 -3.57 8.77	28.69 -3.52 8.85	25.82 -3.29 8.88	34.27 -3.68 10.09	60.17 -6.88 14.77	55.17 -6.75 14.27	39.67 -5.14 11.33	39.06 -3.76 10.84	35.75 -3.40 10.13	29.83 -2.57 8.98	28.54 -2.57 6.74	25.04 -2.35 7.50	26.35 -2.19 7.67	27.12 -2.59 7.72	29.96 -2.44 4.36	27.16 -2.81 7.29	29.21 -3.99 9.08	37.27 -4.78 10.75	52.48 -5.27 11.24	56.81 -4.25 0.00	63.71 -3.42 0.00	48.86 -1.82 0.00
MOHAWK_PAPER___DRP 24187	47.63 0.66 0.00	42.75 0.76 0.00	41.42 0.84 0.00	41.89 0.82 0.00	38.77 0.77 0.00	49.00 0.96 0.00	83.50 1.68 0.00	77.64 1.45 0.00	57.34 1.20 0.00	54.73 1.07 0.00	50.35 1.08 0.00	42.38 1.00 0.00	38.82 0.98 0.00	35.76 0.87 0.00	37.13 0.92 0.00	38.44 1.01 0.00	37.84 1.07 0.00	38.41 1.16 0.00	43.52 1.23 0.00	54.33 1.54 0.00	70.80 1.80 0.00	62.51 1.46 0.00	68.51 1.38 0.00	51.52 0.84 0.00
MOHICAN___35_KV_115KV_LD 80490	49.10 2.13 0.00	43.99 2.00 0.00	42.56 1.98 0.00	43.03 1.95 0.00	39.82 1.83 0.00	50.56 2.52 0.00	86.54 4.72 0.00	80.42 4.23 0.00	59.03 2.89 0.00	56.28 2.62 0.00	51.68 2.42 0.00	43.44 2.06 0.00	39.60 1.76 0.00	36.39 1.50 0.00	37.72 1.51 0.00	39.06 1.62 0.00	38.74 1.97 0.00	39.75 2.49 0.00	45.24 2.96 0.00	56.46 3.67 0.00	73.62 4.62 0.00	64.82 3.76 0.00	70.95 3.82 0.00	53.13 2.44 0.00
MONGAUP___HYD 23641	48.78 1.81 0.00	43.67 1.67 0.00	42.35 1.77 0.00	42.85 1.79 0.00	39.75 1.75 0.00	50.36 2.32 0.00	85.63 3.80 0.00	79.97 3.78 0.00	58.60 2.46 0.00	55.29 1.63 0.00	50.28 1.01 0.00	42.19 0.81 0.00	38.82 0.98 0.00	35.77 0.88 0.00	37.19 0.98 0.00	38.68 1.25 0.00	37.66 0.90 0.00	38.12 0.86 0.00	43.80 1.52 0.00	55.19 2.39 0.00	72.06 3.07 0.00	63.45 2.40 0.00	70.31 3.18 0.00	52.83 2.14 0.00
MONTAUK___DIESEL 23721	53.74 2.61 -4.17	39.55 2.15 4.59	38.62 2.66 4.61	40.87 2.54 2.73	34.24 2.41 6.17	46.65 3.02 4.40	85.64 3.82 0.00	80.92 4.72 0.00	60.26 4.12 0.00	57.36 3.70 0.00	52.50 3.24 0.00	42.61 2.02 0.79	37.80 1.99 2.03	35.20 2.50 2.18	36.63 2.53 2.11	39.03 2.90 1.30	39.72 3.07 0.11	40.98 3.25 -0.47	44.07 1.67 -0.12	54.54 1.22 -0.52	65.89 1.39 4.49	59.36 0.75 2.44	62.00 0.40 5.53	48.47 0.24 2.46
MOONROAD_115KV_HARTFLD_TB1-2 355988	40.75 -2.06 4.16	36.02 -1.95 4.03	34.39 -2.18 4.01	34.96 -2.07 4.05	31.95 -1.99 4.06	41.85 -1.58 4.61	73.24 -1.83 6.75	67.18 -2.48 6.53	48.93 -1.94 5.27	47.71 -0.90 5.04	43.05 -1.51 4.71	35.66 -1.62 4.11	33.21 -1.59 3.03	29.73 -1.74 3.41	31.02 -1.69 3.51	31.81 -2.09 3.53	32.86 -1.91 1.99	31.78 -2.15 3.33	35.43 -2.70 4.15	45.27 -2.61 4.92	62.10 -1.75 5.14	60.73 -0.32 0.00	68.37 1.24 0.00	52.34 1.65 0.00

MORRIS_RIDGE___SOLAR 323848	-30.29 -3.17 74.09	-32.48 -2.68 71.79	-33.64 -2.79 71.43	-33.86 -2.81 72.12	-36.63 -2.28 72.35	-36.86 -2.69 82.20	-43.17 -4.66 120.33	-44.33 -4.09 116.43	-41.00 -2.90 94.24	-39.13 -2.62 90.17	-37.44 -2.51 84.20	-34.33 -2.48 73.25	-19.42 -2.41 54.85	-28.68 -2.42 61.15	-28.80 -2.53 62.48	-28.33 -2.83 62.93	-1.43 -2.64 35.55	-24.79 -2.70 59.36	-34.63 -2.94 73.97	-38.15 -3.35 87.60	-26.62 -4.01 91.60	57.71 -3.34 0.01	64.49 -2.64 0.00	49.61 -1.08 0.00
MORTIMER_115KV_TB3 55949	45.83 -1.14 0.00	40.87 -1.12 0.00	39.30 -1.28 0.00	39.85 -1.22 0.00	36.87 -1.13 0.00	47.04 -1.00 0.00	80.12 -1.70 0.00	74.56 -1.64 0.00	55.16 -0.98 0.00	53.36 -0.30 0.00	48.98 -0.29 0.00	41.06 -0.32 0.00	37.36 -0.48 0.00	34.40 -0.49 0.00	35.76 -0.45 0.00	36.78 -0.65 0.00	36.26 -0.51 0.00	36.57 -0.69 0.00	41.12 -1.16 0.00	51.61 -1.19 0.00	68.15 -0.84 0.00	60.32 -0.73 0.00	66.76 -0.36 0.00	50.75 0.07 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	48.96 1.99 0.00	43.70 1.70 0.00	42.31 1.74 0.00	42.77 1.70 0.00	39.72 1.73 0.00	50.34 2.30 0.00	85.75 3.93 0.00	80.28 4.08 0.00	59.41 3.27 0.00	56.65 3.00 0.00	51.97 2.70 0.00	43.62 2.24 0.00	40.08 2.24 0.00	37.03 2.15 0.00	38.33 2.12 0.00	39.69 2.26 0.00	39.01 2.24 0.00	39.49 2.23 0.00	44.94 2.66 0.00	56.20 3.40 0.00	73.15 4.15 0.00	64.29 3.23 0.00	70.33 3.21 0.00	53.04 2.35 0.00
MUNSVILLE_WIND_PWR 323609	51.53 2.62 -1.93	45.91 2.04 -1.87	43.74 1.30 -1.87	43.78 0.83 -1.88	40.95 1.06 -1.89	52.86 2.68 -2.15	89.13 4.16 -3.14	82.84 3.60 -3.04	61.22 2.62 -2.46	58.06 2.05 -2.35	53.11 1.64 -2.20	44.26 0.96 -1.91	39.74 0.47 -1.43	36.79 0.31 -1.59	38.46 0.62 -1.63	39.89 0.82 -1.64	38.52 0.82 -0.93	39.93 1.12 -1.55	45.59 1.38 -1.93	57.38 2.30 -2.28	74.32 2.94 -2.39	63.40 2.34 0.00	69.20 2.08 0.00	52.32 1.64 0.00
N SALMON___HYD 24042	48.22 1.25 0.00	42.92 0.93 0.00	41.30 0.72 0.00	41.71 0.64 0.00	38.06 0.06 0.00	47.41 -0.63 0.00	91.89 -1.58 -11.65	91.62 -1.33 -16.75	68.05 -1.24 -13.14	52.61 -1.05 0.00	48.62 -0.65 0.00	41.16 -0.22 0.00	37.50 -0.34 0.00	37.50 -0.81 -3.42	52.50 -1.15 -17.44	76.22 -1.31 -40.10	75.28 -1.16 -39.67	76.20 -1.09 -40.03	84.62 -1.12 -43.46	96.27 -1.50 -44.97	66.38 -1.78 0.84	59.92 -1.13 0.00	66.07 -1.05 0.00	49.98 -0.70 0.00
N.AKRON__115KV_KNAPP 355671	36.26 -2.27 8.43	31.66 -2.16 8.17	29.99 -2.45 8.13	30.47 -2.39 8.21	27.55 -2.21 8.23	36.47 -2.22 9.36	63.96 -4.17 13.70	58.84 -4.10 13.26	42.82 -2.54 10.78	41.94 -1.40 10.32	38.32 -1.31 9.64	31.65 -1.39 8.34	29.93 -1.65 6.26	26.33 -1.60 6.95	27.49 -1.61 7.11	28.33 -1.95 7.16	30.92 -1.80 4.04	28.45 -2.05 6.75	30.91 -2.96 8.42	39.75 -3.09 9.97	55.69 -2.88 10.42	58.80 -2.25 0.00	65.71 -1.41 0.00	50.23 -0.45 0.00
N.BELMOR_69_KV_BK1 55787	74.27 2.45 -24.85	61.13 2.13 -17.01	57.72 2.17 -14.98	52.00 2.05 -8.87	60.28 2.03 -20.25	64.73 2.38 -14.30	84.96 3.13 0.00	79.80 3.60 0.00	59.32 3.17 -0.01	56.34 2.68 0.00	51.65 2.38 0.00	46.00 2.03 -2.59	46.54 2.08 -6.61	44.17 2.19 -7.10	45.30 2.21 -6.88	46.97 2.40 -7.14	46.71 2.38 -7.57	42.19 2.14 -2.79	45.56 2.53 -0.75	76.17 3.27 -20.11	89.02 4.19 -15.84	87.47 3.40 -23.01	86.69 3.45 -16.12	69.50 2.62 -16.19
N.E_GEN_SANDY PD 24062	47.93 0.96 0.00	43.01 1.02 0.00	41.69 1.12 0.00	42.14 1.07 0.00	39.02 1.02 0.00	49.15 1.32 0.21	84.08 2.26 0.00	78.44 2.25 0.00	58.05 1.91 0.00	55.29 1.64 0.00	50.81 1.54 0.00	42.71 1.33 0.00	39.17 1.33 0.00	36.12 1.23 0.00	37.45 1.24 0.00	38.81 1.38 0.00	38.63 1.39 -0.48	44.27 1.41 -5.61	50.54 1.62 -6.63	55.90 2.06 -1.05	71.47 2.48 0.00	66.38 1.97 -3.35	69.07 1.88 -0.06	50.02 1.21 1.88
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	48.45 1.48 0.00	43.32 1.33 0.00	41.95 1.38 0.00	42.41 1.34 0.00	39.37 1.37 0.00	49.93 1.89 0.00	85.07 3.25 0.00	79.62 3.43 0.00	58.80 2.66 0.00	56.05 2.39 0.00	51.31 2.05 0.00	43.06 1.68 0.00	39.52 1.68 0.00	36.51 1.62 0.00	37.86 1.65 0.00	39.22 1.79 0.00	38.47 1.71 0.00	38.93 1.67 0.00	44.33 2.05 0.00	55.44 2.64 0.00	72.17 3.18 0.00	63.53 2.47 0.00	69.50 2.37 0.00	52.43 1.75 0.00
N.QUEENS_27_KV_LOAD 356247	48.94 1.97 0.00	43.70 1.70 0.00	42.33 1.76 0.00	42.71 1.64 0.00	39.68 1.68 0.00	50.17 2.13 0.00	85.50 3.68 0.01	80.26 4.07 0.00	59.43 3.29 0.00	56.70 3.04 0.00	51.99 2.72 -0.01	43.64 2.25 -0.01	40.14 2.30 0.00	37.12 2.23 -0.01	38.43 2.22 0.00	39.77 2.34 0.01	33.36 2.27 5.67	39.45 2.20 0.01	44.93 2.65 0.00	57.53 3.38 -1.35	73.21 4.00 -0.21	64.11 3.05 0.00	70.29 3.16 0.00	52.96 2.28 0.00
N.TROY___115KV_TB1 355778	47.77 0.80 0.00	42.92 0.93 0.00	41.55 0.98 0.00	42.03 0.96 0.00	38.86 0.86 0.00	49.16 1.12 0.00	83.82 2.00 0.00	77.91 1.71 0.00	57.50 1.36 0.00	54.87 1.21 0.00	50.45 1.19 0.00	42.44 1.06 0.00	38.84 1.01 0.00	35.76 0.88 0.00	37.11 0.91 0.00	38.44 1.01 0.00	37.84 1.08 0.00	38.46 1.21 0.00	43.66 1.38 0.00	54.50 1.70 0.00	71.03 2.03 0.00	62.73 1.68 0.00	68.74 1.61 0.00	51.66 0.98 0.00
NARROWS_GT1_1 24228	59.85 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.78 3.24 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.50 -25.45	91.44 2.62 -51.39	62.07 2.62 -22.68	91.58 2.61 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.90 4.81 -24.10	97.84 3.82 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
NARROWS_GT1_2 24229	59.85 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.78 3.24 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.50 -25.45	91.44 2.62 -51.39	62.07 2.62 -22.68	91.58 2.61 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.90 4.81 -24.10	97.84 3.82 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
NARROWS_GT1_3 24230	59.85 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.78 3.24 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.50 -25.45	91.44 2.62 -51.39	62.07 2.62 -22.68	91.58 2.61 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.90 4.81 -24.10	97.84 3.82 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
NARROWS_GT1_4 24231	59.85 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.78 3.24 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.50 -25.45	91.44 2.62 -51.39	62.07 2.62 -22.68	91.58 2.61 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.90 4.81 -24.10	97.84 3.82 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99

NARROWS_GT1_5 24232	59.85 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.78 3.24 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.50 -25.45	91.44 2.62 -51.39	62.07 2.62 -22.68	91.58 2.61 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.90 4.81 -24.10	97.84 3.82 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
NARROWS_GT1_6 24233	59.85 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.78 3.24 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.50 -25.45	91.44 2.62 -51.39	62.07 2.62 -22.68	91.58 2.61 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.90 4.81 -24.10	97.84 3.82 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
NARROWS_GT1_7 24234	59.85 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.78 3.24 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.50 -25.45	91.44 2.62 -51.39	62.07 2.62 -22.68	91.58 2.61 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.90 4.81 -24.10	97.84 3.82 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
NARROWS_GT1_8 24235	59.85 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.78 3.24 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.50 -25.45	91.44 2.62 -51.39	62.07 2.62 -22.68	91.58 2.61 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.90 4.81 -24.10	97.84 3.82 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
NARROWS_GT2_1 24236	59.85 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.78 3.24 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.50 -25.45	91.44 2.62 -51.39	62.07 2.62 -22.68	91.58 2.61 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.90 4.81 -24.10	97.84 3.82 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
NARROWS_GT2_2 24237	59.85 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.78 3.24 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.50 -25.45	91.44 2.62 -51.39	62.07 2.62 -22.68	91.58 2.61 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.90 4.81 -24.10	97.84 3.82 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
NARROWS_GT2_3 24238	59.85 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.78 3.24 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.50 -25.45	91.44 2.62 -51.39	62.07 2.62 -22.68	91.58 2.61 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.90 4.81 -24.10	97.84 3.82 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
NARROWS_GT2_4 24239	59.85 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.78 3.24 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.50 -25.45	91.44 2.62 -51.39	62.07 2.62 -22.68	91.58 2.61 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.90 4.81 -24.10	97.84 3.82 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
NARROWS_GT2_5 24240	59.85 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.78 3.24 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.50 -25.45	91.44 2.62 -51.39	62.07 2.62 -22.68	91.58 2.61 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.90 4.81 -24.10	97.84 3.82 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
NARROWS_GT2_6 24241	59.85 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.78 3.24 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.50 -25.45	91.44 2.62 -51.39	62.07 2.62 -22.68	91.58 2.61 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.90 4.81 -24.10	97.84 3.82 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
NARROWS_GT2_7 24242	59.85 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.78 3.24 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.50 -25.45	91.44 2.62 -51.39	62.07 2.62 -22.68	91.58 2.61 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.90 4.81 -24.10	97.84 3.82 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
NARROWS_GT2_8 24243	59.85 2.40 -10.48	56.17 2.09 -12.09	55.10 2.11 -12.42	54.99 2.07 -11.85	54.96 2.08 -14.88	57.17 2.72 -6.40	86.63 4.60 -0.21	83.44 4.78 -2.47	65.40 3.82 -5.45	64.27 3.54 -7.07	63.78 3.24 -11.28	60.86 2.68 -16.80	60.80 2.64 -20.32	60.64 2.53 -23.22	64.15 2.50 -25.45	91.44 2.62 -51.39	62.07 2.62 -22.68	91.58 2.61 -51.71	59.38 3.11 -13.99	94.61 3.92 -37.89	97.90 4.81 -24.10	97.84 3.82 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	48.15 1.18 0.00	43.18 1.19 0.00	41.83 1.25 0.00	42.34 1.27 0.00	39.19 1.20 0.00	49.58 1.54 0.00	84.72 2.90 0.00	78.71 2.52 0.00	57.96 1.82 0.00	54.96 1.30 0.00	50.43 1.16 0.00	42.45 1.07 0.00	38.85 1.01 0.00	35.81 0.93 0.00	37.18 0.97 0.00	38.62 1.19 0.00	38.02 1.26 0.00	38.76 1.50 0.00	44.03 1.75 0.00	55.25 2.45 0.00	72.09 3.10 0.00	63.55 2.50 0.00	69.57 2.44 0.00	52.27 1.58 0.00
NCHELSEA_115KV_TR2 355582	48.86 1.89 0.00	43.69 1.70 0.00	42.31 1.74 0.00	42.78 1.71 0.00	39.70 1.70 0.00	50.29 2.25 0.00	85.77 3.95 0.00	80.27 4.08 0.00	59.26 3.12 0.00	56.34 2.67 0.00	51.57 2.31 0.00	43.23 1.85 0.00	39.66 1.82 0.00	36.65 1.77 0.00	38.01 1.81 0.00	39.38 1.95 0.00	38.70 1.93 0.00	39.21 1.96 0.00	44.75 2.46 0.00	56.12 3.32 0.00	73.14 4.14 0.00	64.34 3.28 0.00	70.39 3.26 0.00	53.00 2.32 0.00
NEG CAPITAL___MECHNVIL 23645	48.61 1.64 0.00	43.64 1.65 0.00	42.18 1.60 0.00	42.67 1.60 0.00	39.49 1.50 0.00	50.06 2.02 0.00	85.51 3.68 0.00	79.48 3.29 0.00	58.49 2.35 0.00	55.78 2.12 0.00	51.20 1.94 0.00	43.13 1.74 0.00	39.38 1.54 0.00	36.24 1.35 0.00	37.61 1.40 0.00	38.93 1.49 0.00	38.49 1.72 0.00	39.25 1.99 0.00	44.59 2.31 0.00	55.69 2.89 0.00	72.61 3.61 0.00	64.05 3.00 0.00	70.14 3.01 0.00	52.66 1.98 0.00

NEG CENTRAL_HIGH_ACRES 23767	45.36 -1.61 0.00	40.48 -1.52 0.00	38.97 -1.61 0.00	39.51 -1.56 0.00	36.59 -1.41 0.00	46.63 -1.41 0.00	79.52 -2.30 0.00	74.07 -2.13 0.00	54.78 -1.36 0.00	52.85 -0.81 0.00	48.49 -0.78 0.00	40.66 -0.72 0.00	37.04 -0.80 0.00	34.11 -0.77 0.00	35.48 -0.73 0.00	36.47 -0.96 0.00	35.93 -0.84 0.00	36.29 -0.97 0.00	40.95 -1.33 0.00	51.34 -1.46 0.00	67.56 -1.43 0.00	59.69 -1.37 0.00	65.93 -1.20 0.00	50.08 -0.60 0.00
NEG CENTRAL___DRP 24199	50.07 -0.25 -3.35	44.98 -0.26 -3.25	43.53 -0.28 -3.23	44.07 -0.26 -3.26	41.23 -0.04 -3.27	51.84 0.08 -3.72	87.36 0.10 -5.44	81.71 0.25 -5.27	60.69 0.29 -4.26	58.23 0.49 -4.08	53.54 0.46 -3.81	44.93 0.23 -3.31	40.37 0.11 -2.42	37.52 -0.06 -2.70	38.97 -0.02 -2.79	40.13 -0.12 -2.82	38.37 0.01 -1.59	39.93 0.02 -2.66	45.64 0.05 -3.31	56.86 0.14 -3.92	73.50 0.41 -4.10	61.52 0.47 0.00	67.75 0.62 0.00	51.43 0.74 0.00
NEG CENTRAL___INDECK 23768	82.00 -0.74 -35.77	76.04 -0.62 -34.66	74.25 -0.82 -34.49	75.13 -0.77 -34.82	72.45 -0.49 -34.93	87.60 -0.14 -39.69	140.14 0.21 -58.11	132.86 0.45 -56.22	101.84 0.20 -45.50	97.37 0.18 -43.53	89.87 -0.05 -40.65	76.40 -0.35 -35.37	63.89 -0.46 -26.51	63.78 -0.64 -29.54	65.65 -0.73 -30.17	66.77 -1.04 -30.38	53.29 -0.64 -17.16	65.27 -0.64 -28.66	77.25 -0.74 -35.71	94.99 -0.10 -42.29	113.88 0.66 -44.22	61.63 0.58 0.00	68.28 1.15 0.00	52.03 1.35 0.00
NEG CENTRAL___SENECA 23627	51.86 -0.43 -5.32	46.72 -0.43 -5.16	45.26 -0.45 -5.13	45.82 -0.43 -5.18	43.08 -0.11 -5.20	53.89 -0.06 -5.91	90.15 -0.32 -8.65	84.52 -0.04 -8.37	62.98 0.07 -6.77	60.47 0.34 -6.48	55.67 0.35 -6.05	46.85 0.20 -5.26	41.73 0.03 -3.86	38.93 -0.23 -4.29	40.40 -0.24 -4.43	41.51 -0.39 -4.48	39.17 -0.12 -2.53	41.37 -0.11 -4.22	47.43 -0.11 -5.26	58.94 -0.09 -6.23	75.61 0.10 -6.51	61.43 0.38 0.00	67.72 0.60 0.00	51.55 0.86 0.00
NEG CENTRAL___STATE_STREET 24147	47.25 0.28 0.00	42.19 0.19 0.00	40.75 0.17 0.00	41.28 0.21 0.00	38.27 0.27 0.00	48.61 0.57 0.00	82.93 1.11 0.00	77.17 0.98 0.00	57.04 0.89 0.00	54.64 0.99 0.00	50.09 0.82 0.00	41.88 0.50 0.00	38.20 0.36 0.00	35.16 0.27 0.00	36.60 0.39 0.00	37.82 0.38 0.00	37.06 0.30 0.00	37.61 0.35 0.00	42.70 0.42 0.00	53.54 0.74 0.00	70.19 1.20 0.00	62.00 0.94 0.00	68.16 1.04 0.00	51.56 0.87 0.00
NEG MILLWOOD___DRP 24198	49.01 2.05 0.00	43.82 1.82 0.00	42.43 1.85 0.00	42.88 1.81 0.00	39.79 1.79 0.00	50.45 2.41 0.00	86.07 4.25 0.00	80.59 4.40 0.00	59.56 3.42 0.00	56.66 3.00 0.00	51.90 2.64 0.00	43.53 2.14 0.00	39.94 2.10 0.00	36.93 2.04 0.00	38.29 2.08 0.00	39.68 2.25 0.00	39.00 2.24 0.00	39.51 2.25 0.00	45.03 2.75 0.00	56.40 3.60 0.00	73.49 4.50 0.00	64.62 3.57 0.00	70.67 3.54 0.00	53.21 2.53 0.00
NEG NORTH_FLCN_SEA 23793	48.70 1.73 0.00	43.41 1.42 0.00	41.81 1.24 0.00	42.19 1.12 0.00	38.46 0.46 0.00	47.64 -0.39 0.00	63.62 -1.71 16.49	50.79 -1.70 23.71	36.22 -1.31 18.60	52.46 -1.20 0.00	48.49 -0.78 0.00	41.06 -0.33 0.00	37.52 -0.31 0.00	29.22 -0.82 4.84	10.43 -1.09 24.69	-20.63 -1.29 56.76	-20.67 -1.27 56.17	-20.64 -1.23 56.67	-20.70 -1.46 61.52	-14.76 -1.98 65.59	65.80 -2.30 0.90	59.32 -1.73 0.00	65.38 -1.74 0.00	49.55 -1.14 0.00
NEG NORTH_KES_CHATEGAY 23792	48.14 1.17 0.00	42.89 0.90 0.00	41.28 0.70 0.00	41.66 0.59 0.00	37.92 -0.08 0.00	46.97 -1.07 0.00	61.04 -2.84 17.95	47.76 -2.63 25.80	33.74 -2.15 20.25	51.81 -1.85 0.00	47.95 -1.31 0.00	40.67 -0.71 0.00	37.08 -0.76 0.00	28.38 -1.23 5.27	7.75 -1.59 26.88	-26.13 -1.78 61.79	-26.07 -1.70 61.13	-26.10 -1.68 61.68	-26.56 -1.89 66.96	-21.03 -2.53 71.30	65.23 -2.88 0.88	58.84 -2.22 0.00	64.90 -2.22 0.00	49.13 -1.55 0.00
NEG NORTH___ALICE_FALLS 23915	48.99 2.02 0.00	43.66 1.66 0.00	42.05 1.48 0.00	42.42 1.35 0.00	38.67 0.67 0.00	47.95 -0.09 0.00	64.31 -1.03 16.49	51.49 -1.00 23.71	36.73 -0.81 18.60	52.89 -0.77 0.00	48.86 -0.41 0.00	41.30 -0.08 0.00	37.73 -0.10 0.00	29.41 -0.63 4.84	10.58 -0.94 24.69	-20.49 -1.15 56.76	-20.44 -1.04 56.17	-20.32 -0.92 56.67	-20.26 -1.02 61.52	-14.16 -1.37 65.59	66.53 -1.57 0.90	59.96 -1.09 0.00	66.06 -1.06 0.00	50.02 -0.66 0.00
NEG NORTH___LWR_SARANAC 23913	48.99 2.02 0.00	43.66 1.66 0.00	42.05 1.48 0.00	42.42 1.35 0.00	38.67 0.67 0.00	47.95 -0.09 0.00	64.31 -1.03 16.49	51.49 -1.00 23.71	36.73 -0.81 18.60	52.89 -0.77 0.00	48.86 -0.41 0.00	41.30 -0.08 0.00	37.73 -0.10 0.00	29.41 -0.63 4.84	10.58 -0.94 24.69	-20.49 -1.15 56.76	-20.44 -1.04 56.17	-20.32 -0.92 56.67	-20.26 -1.02 61.52	-14.16 -1.37 65.59	66.53 -1.57 0.90	59.96 -1.09 0.00	66.06 -1.06 0.00	50.02 -0.66 0.00
NEG NORTH___PLATTSBURG 23628	48.99 2.02 0.00	43.66 1.66 0.00	42.05 1.48 0.00	42.42 1.35 0.00	38.67 0.67 0.00	47.95 -0.09 0.00	64.31 -1.03 16.49	51.49 -1.00 23.71	36.71 -0.82 18.60	52.88 -0.78 0.00	48.86 -0.41 0.00	41.30 -0.08 0.00	37.73 -0.10 0.00	29.40 -0.64 4.84	10.58 -0.94 24.69	-20.49 -1.16 56.76	-20.46 -1.06 56.17	-20.32 -0.92 56.67	-20.27 -1.03 61.52	-14.17 -1.38 65.59	66.53 -1.56 0.90	59.96 -1.09 0.00	66.06 -1.06 0.00	50.02 -0.66 0.00
NEG WEST_LEA_LOCKPORT 23791	32.70 -3.15 11.12	28.27 -2.94 10.77	26.64 -3.21 10.72	27.07 -3.18 10.82	24.18 -2.96 10.86	32.46 -3.24 12.34	57.62 -6.14 18.06	52.68 -6.03 17.48	38.03 -3.92 14.20	37.41 -2.66 13.59	34.19 -2.39 12.69	28.18 -2.20 11.00	27.26 -2.33 8.25	23.59 -2.13 9.17	24.80 -2.03 9.38	25.61 -2.38 9.44	29.20 -2.23 5.33	25.79 -2.56 8.91	27.48 -3.70 11.10	35.30 -4.35 13.15	50.64 -4.61 13.75	57.36 -3.70 0.00	64.30 -2.82 0.00	49.30 -1.39 0.00
NEG WEST___LANCASTR 23811	40.22 -1.20 5.55	35.40 -1.21 5.38	33.78 -1.44 5.35	34.29 -1.38 5.41	31.29 -1.29 5.42	40.74 -1.14 6.16	70.56 -2.24 9.02	65.24 -2.23 8.72	47.30 -1.79 7.04	46.13 -0.79 6.74	42.26 -0.71 6.29	35.06 -0.83 5.49	32.96 -0.82 4.06	29.47 -0.85 4.56	30.81 -0.71 4.68	31.68 -1.04 4.72	33.21 -0.89 2.66	31.55 -1.26 4.45	34.65 -2.09 5.54	43.90 -2.33 6.56	60.12 -2.01 6.87	59.53 -1.53 0.00	66.40 -0.73 0.00	50.83 0.14 0.00
NEG_PENN_ALLEGHNY 23528	47.17 0.20 0.00	42.12 0.13 0.00	40.67 0.09 0.00	41.19 0.12 0.00	38.20 0.20 0.00	48.50 0.46 0.00	82.86 1.04 0.00	77.57 1.38 0.00	57.10 0.96 0.00	54.77 1.11 0.00	50.19 0.92 0.00	41.82 0.43 0.00	38.16 0.32 0.00	35.12 0.24 0.00	36.57 0.36 0.00	37.75 0.32 0.00	37.07 0.30 0.00	37.43 0.17 0.00	42.43 0.15 0.00	53.18 0.38 0.00	69.78 0.78 0.00	61.63 0.58 0.00	67.93 0.80 0.00	51.40 0.71 0.00
NEG___GEN_MONROE 24207	44.24 -0.97 1.76	39.31 -0.98 1.70	37.71 -1.17 1.69	38.24 -1.12 1.71	35.27 -1.01 1.72	45.31 -0.78 1.95	77.62 -1.34 2.85	72.16 -1.27 2.76	53.18 -0.72 2.25	51.50 -0.01 2.15	47.20 -0.06 2.01	39.41 -0.23 1.74	36.15 -0.44 1.26	33.01 -0.46 1.41	34.21 -0.53 1.47	35.16 -0.78 1.49	35.33 -0.60 0.84	35.11 -0.74 1.41	39.35 -1.18 1.75	49.73 -1.00 2.07	66.35 -0.48 2.17	60.67 -0.39 0.00	67.19 0.07 0.00	51.12 0.44 0.00

NEPA__ENERGY 23901	39.88 -1.22 5.87	35.06 -1.25 5.69	33.55 -1.37 5.66	34.03 -1.33 5.71	31.10 -1.17 5.73	40.71 -0.82 6.51	70.98 -1.31 9.53	65.62 -1.36 9.22	47.57 -1.13 7.45	46.24 -0.29 7.13	42.15 -0.47 6.65	34.68 -0.90 5.80	32.80 -0.74 4.30	29.21 -0.85 4.83	30.56 -0.70 4.95	31.43 -1.03 4.98	33.07 -0.88 2.82	31.31 -1.25 4.70	34.53 -1.90 5.86	43.85 -2.01 6.94	60.35 -1.39 7.26	60.27 -0.78 0.00	67.33 0.20 0.00	51.39 0.70 0.00
NEVERSink__HYD 23608	49.10 2.14 0.00	43.93 1.93 0.00	42.52 1.94 0.00	43.03 1.96 0.00	39.91 1.91 0.00	50.56 2.52 0.00	86.34 4.52 0.00	80.72 4.52 0.00	59.45 3.31 0.00	56.53 2.87 0.00	51.60 2.33 0.00	43.27 1.89 0.00	39.78 1.95 0.00	36.79 1.91 0.00	38.20 1.99 0.00	39.59 2.15 0.00	38.89 2.12 0.00	39.51 2.25 0.00	45.01 2.73 0.00	56.48 3.68 0.00	73.65 4.66 0.00	64.83 3.78 0.00	70.94 3.81 0.00	53.46 2.78 0.00
NEWKRMKL_115KV_TB1 55635	47.16 0.19 0.00	42.32 0.32 0.00	41.02 0.45 0.00	41.48 0.41 0.00	38.43 0.44 0.00	48.51 0.47 0.00	82.63 0.81 0.00	76.83 0.63 0.00	56.75 0.61 0.00	54.19 0.53 0.00	49.87 0.61 0.00	42.01 0.63 0.00	38.49 0.65 0.00	35.47 0.59 0.00	36.83 0.62 0.00	38.15 0.72 0.00	37.50 0.74 0.00	38.05 0.79 0.00	43.05 0.77 0.00	53.76 0.96 0.00	70.03 1.04 0.00	61.83 0.77 0.00	67.74 0.62 0.00	50.97 0.29 0.00
NEWTON__FALLS_HYD 23847	45.91 -1.06 0.00	40.47 -1.53 0.00	39.06 -1.52 0.00	39.50 -1.57 0.00	36.46 -1.53 0.00	46.15 -1.89 0.00	81.44 -2.23 -1.85	76.59 -2.27 -2.66	56.09 -2.14 -2.09	51.63 -2.03 0.00	47.38 -1.89 0.00	39.75 -1.63 0.00	36.22 -1.62 0.00	33.80 -1.62 -0.54	37.17 -1.80 -2.76	41.74 -2.05 -6.35	41.31 -1.75 -6.29	42.12 -1.48 -6.34	48.01 -1.16 -6.89	58.35 -1.27 -6.82	66.34 -2.18 0.47	59.65 -1.41 0.00	65.83 -1.29 0.00	49.46 -1.22 0.00
NGRID_A1_DSASP 323792	34.25 -3.63 9.09	29.80 -3.38 8.81	28.14 -3.67 8.77	28.60 -3.62 8.85	25.71 -3.41 8.88	34.11 -3.84 10.09	59.81 -7.24 14.77	54.78 -7.12 14.29	39.69 -4.89 11.56	39.12 -3.48 11.06	35.83 -3.11 10.33	29.82 -2.58 8.99	28.69 -2.51 6.65	25.12 -2.29 7.47	26.45 -2.09 7.67	27.20 -2.51 7.72	30.04 -2.36 4.36	27.18 -2.80 7.28	29.14 -4.06 9.08	37.06 -4.99 10.75	52.20 -5.55 11.24	56.55 -4.50 0.00	63.37 -3.75 0.00	48.68 -2.00 0.00
NGRID_A2_DSASP 323793	34.25 -3.63 9.09	29.80 -3.38 8.81	28.14 -3.67 8.77	28.60 -3.62 8.85	25.71 -3.41 8.88	34.11 -3.84 10.09	59.81 -7.24 14.77	54.78 -7.12 14.29	39.69 -4.89 11.56	39.12 -3.48 11.06	35.83 -3.11 10.33	29.82 -2.58 8.99	28.69 -2.51 6.65	25.12 -2.29 7.47	26.45 -2.09 7.67	27.20 -2.51 7.72	30.04 -2.36 4.36	27.18 -2.80 7.28	29.14 -4.06 9.08	37.06 -4.99 10.75	52.20 -5.55 11.24	56.55 -4.50 0.00	63.37 -3.75 0.00	48.68 -2.00 0.00
NGRID_A4_DSASP 323807	34.25 -3.63 9.09	29.80 -3.38 8.81	28.14 -3.67 8.77	28.60 -3.62 8.85	25.71 -3.41 8.88	34.11 -3.84 10.09	59.81 -7.24 14.77	54.78 -7.12 14.29	39.69 -4.89 11.56	39.12 -3.48 11.06	35.83 -3.11 10.33	29.82 -2.58 8.99	28.69 -2.51 6.65	25.12 -2.29 7.47	26.45 -2.09 7.67	27.20 -2.51 7.72	30.04 -2.36 4.36	27.18 -2.80 7.28	29.14 -4.06 9.08	37.06 -4.99 10.75	52.20 -5.55 11.24	56.55 -4.50 0.00	63.37 -3.75 0.00	48.68 -2.00 0.00
NIAGARA_115E_LBMP 323715	34.18 -3.82 8.96	29.76 -3.55 8.69	28.12 -3.81 8.64	28.58 -3.77 8.72	25.71 -3.53 8.75	34.11 -3.99 9.95	59.81 -7.45 14.56	54.85 -7.27 14.08	39.69 -5.11 11.33	39.08 -3.74 10.84	35.77 -3.37 10.13	29.73 -2.79 8.86	28.45 -2.76 6.63	24.98 -2.52 7.39	26.30 -2.35 7.56	27.06 -2.76 7.61	29.85 -2.62 4.30	27.07 -3.01 7.18	29.09 -4.25 8.95	37.05 -5.15 10.60	52.16 -5.75 11.08	56.42 -4.63 0.00	63.31 -3.81 0.00	48.56 -2.12 0.00
NIAGARA_115W_LBMP 323714	34.04 -3.77 9.16	29.61 -3.51 8.87	27.96 -3.79 8.83	28.41 -3.75 8.91	25.53 -3.53 8.94	33.90 -3.98 10.16	59.46 -7.49 14.87	54.45 -7.36 14.39	39.43 -5.07 11.64	38.88 -3.64 11.14	35.59 -3.28 10.40	29.62 -2.71 9.05	28.51 -2.63 6.70	24.96 -2.40 7.53	26.28 -2.21 7.72	27.03 -2.63 7.78	29.89 -2.48 4.39	27.02 -2.90 7.34	28.95 -4.20 9.14	36.82 -5.16 10.82	51.90 -5.77 11.32	56.37 -4.68 0.00	63.18 -3.94 0.00	48.53 -2.15 0.00
NIAGARA_230_LBMP 323716	34.24 -3.21 9.51	29.77 -3.00 9.22	28.12 -3.28 9.17	28.58 -3.23 9.26	25.65 -3.05 9.29	34.08 -3.40 10.56	59.95 -6.42 15.45	54.93 -6.31 14.95	39.72 -4.34 12.09	39.09 -3.00 11.57	35.78 -2.69 10.80	29.74 -2.24 9.41	28.60 -2.23 7.01	25.03 -2.02 7.84	26.37 -1.82 8.02	27.14 -2.22 8.08	30.11 -2.08 4.56	27.14 -2.50 7.62	29.09 -3.70 9.50	37.04 -4.51 11.25	52.29 -4.94 11.76	57.03 -4.03 0.00	63.85 -3.28 0.00	49.03 -1.65 0.00
NIAGARA__115KV_198_GIBSON 55903	34.01 -3.80 9.16	29.57 -3.55 8.87	27.92 -3.83 8.83	28.37 -3.79 8.91	25.47 -3.58 8.94	33.84 -4.04 10.16	59.30 -7.65 14.87	54.26 -7.55 14.39	39.24 -5.26 11.64	38.74 -3.78 11.14	35.50 -3.37 10.40	29.55 -2.77 9.05	28.44 -2.70 6.70	24.92 -2.44 7.53	26.17 -2.32 7.72	26.96 -2.70 7.78	29.82 -2.55 4.39	26.95 -2.97 7.34	28.80 -4.34 9.14	36.66 -5.32 10.82	51.82 -5.85 11.32	56.35 -4.71 0.00	63.18 -3.95 0.00	48.50 -2.19 0.00
NIAGARA____ 23760	34.72 -3.21 9.04	30.23 -3.00 8.76	28.57 -3.28 8.71	29.03 -3.23 8.80	26.01 -3.05 8.93	34.50 -3.40 10.14	60.50 -6.42 14.91	55.36 -6.31 14.53	40.05 -4.34 11.75	39.46 -3.00 11.20	36.14 -2.69 10.43	30.06 -2.24 9.08	28.85 -2.23 6.76	25.32 -2.02 7.54	26.65 -1.82 7.74	27.42 -2.22 7.80	30.26 -2.08 4.42	27.37 -2.50 7.39	29.34 -3.70 9.25	37.32 -4.51 10.97	52.56 -4.94 11.49	57.03 -4.03 0.00	63.85 -3.28 0.00	49.03 -1.65 0.00
NINE_MILE_1 23575	45.79 -1.18 0.00	40.90 -1.10 0.00	39.50 -1.07 0.00	40.00 -1.07 0.00	37.04 -0.95 0.00	46.94 -1.09 0.00	80.03 -1.79 0.00	74.54 -1.66 0.00	54.94 -1.20 0.00	52.58 -1.08 0.00	48.24 -1.03 0.00	40.44 -0.94 0.00	36.95 -0.89 0.00	34.05 -0.83 0.00	35.39 -0.82 0.00	36.57 -0.86 0.00	35.93 -0.83 0.00	36.39 -0.87 0.00	41.28 -1.00 0.00	51.61 -1.19 0.00	67.56 -1.44 0.00	59.72 -1.34 0.00	65.69 -1.44 0.00	49.63 -1.05 0.00
NINE_MILE_2 23744	45.79 -1.18 0.00	40.90 -1.10 0.00	39.50 -1.07 0.00	40.00 -1.07 0.00	37.05 -0.95 0.00	46.94 -1.09 0.00	80.03 -1.79 0.00	74.54 -1.65 0.00	54.94 -1.20 0.00	52.59 -1.07 0.00	48.24 -1.02 0.00	40.44 -0.94 0.00	36.95 -0.89 0.00	34.05 -0.83 0.00	35.40 -0.81 0.00	36.57 -0.86 0.00	35.94 -0.83 0.00	36.40 -0.86 0.00	41.28 -1.00 0.00	51.61 -1.19 0.00	67.56 -1.43 0.00	59.72 -1.34 0.00	65.69 -1.43 0.00	49.64 -1.05 0.00
NM_CAPITAL__DRP 24208	47.24 0.27 0.00	42.42 0.42 0.00	41.12 0.54 0.00	41.59 0.52 0.00	38.50 0.50 0.00	48.61 0.58 0.00	82.78 0.95 0.00	76.95 0.75 0.00	56.87 0.73 0.00	54.29 0.63 0.00	49.98 0.71 0.00	42.09 0.71 0.00	38.58 0.74 0.00	35.55 0.67 0.00	36.90 0.69 0.00	38.22 0.78 0.00	37.56 0.79 0.00	38.10 0.84 0.00	43.13 0.85 0.00	53.82 1.02 0.00	70.12 1.12 0.00	61.92 0.86 0.00	67.86 0.74 0.00	51.05 0.37 0.00

NM_CENTRAL___DRP 24181	46.58 -0.39 0.00	41.61 -0.38 0.00	40.18 -0.39 0.00	40.70 -0.37 0.00	37.72 -0.28 0.00	47.87 -0.17 0.00	81.73 -0.09 0.00	76.18 -0.02 0.00	56.17 0.03 0.00	53.84 0.18 0.00	49.36 0.10 0.00	41.34 -0.04 0.00	37.76 -0.08 0.00	34.81 -0.08 0.00	36.22 0.01 0.00	37.43 0.00 0.00	36.78 0.02 0.00	37.23 -0.03 0.00	42.22 -0.06 0.00	52.82 0.02 0.00	69.18 0.18 0.00	61.08 0.03 0.00	67.17 0.05 0.00	50.73 0.05 0.00
NM_FRONTIER___DRP 24179	34.01 -3.80 9.16	29.57 -3.55 8.87	27.92 -3.83 8.83	28.37 -3.79 8.91	25.47 -3.58 8.94	33.84 -4.04 10.16	59.30 -7.65 14.87	54.26 -7.55 14.39	39.24 -5.26 11.64	38.74 -3.78 11.14	35.50 -3.37 10.40	29.55 -2.77 9.05	28.44 -2.70 6.70	24.92 -2.44 7.53	26.17 -2.32 7.72	26.96 -2.70 7.78	29.82 -2.55 4.39	26.95 -2.97 7.34	28.80 -4.34 9.14	36.66 -5.32 10.82	51.82 -5.85 11.32	56.35 -4.71 0.00	63.18 -3.95 0.00	48.50 -2.19 0.00
NM_ST_REGIS___HYD 24053	47.22 0.25 0.00	41.92 -0.08 0.00	40.39 -0.19 0.00	40.81 -0.27 0.00	37.47 -0.53 0.00	47.03 -1.01 0.00	84.60 -1.78 -4.56	81.14 -1.61 -6.56	59.76 -1.53 -5.14	52.24 -1.42 0.00	48.14 -1.12 0.00	40.64 -0.75 0.00	37.03 -0.81 0.00	35.18 -1.04 -1.34	41.72 -1.32 -6.82	51.56 -1.56 -15.69	50.89 -1.40 -15.52	51.62 -1.30 -15.66	58.00 -1.29 -17.00	68.32 -1.70 -17.21	65.75 -2.50 0.74	59.54 -1.51 0.00	65.71 -1.42 0.00	49.69 -0.99 0.00
NORTHPORT___1 23551	52.49 2.14 -3.38	38.28 1.68 5.40	37.06 1.83 5.34	39.58 1.68 3.17	32.50 1.66 7.16	44.76 1.83 5.11	83.68 1.86 0.00	78.59 2.39 0.00	58.27 2.13 0.01	55.49 1.83 0.00	51.02 1.75 0.00	41.94 1.49 0.93	37.02 1.55 2.36	34.14 1.79 2.53	35.52 1.76 2.46	37.82 2.01 1.63	38.30 1.94 0.41	39.42 1.78 -0.38	44.37 1.99 -0.09	55.09 2.39 0.11	66.64 2.89 5.24	59.87 2.23 3.41	62.97 2.19 6.35	49.32 1.80 3.16
NORTHPORT___2 23552	52.49 2.14 -3.38	38.28 1.68 5.40	37.06 1.83 5.34	39.58 1.68 3.17	32.50 1.66 7.16	44.76 1.83 5.11	83.68 1.86 0.00	78.59 2.39 0.00	58.27 2.13 0.01	55.49 1.83 0.00	51.02 1.75 0.00	41.94 1.49 0.93	37.02 1.55 2.36	34.14 1.79 2.53	35.52 1.76 2.46	37.82 2.01 1.63	38.30 1.94 0.41	39.42 1.78 -0.38	44.37 1.99 -0.09	55.09 2.39 0.11	66.64 2.89 5.24	59.87 2.23 3.41	62.97 2.19 6.35	49.32 1.80 3.16
NORTHPORT___3 23553	53.10 2.38 -3.75	38.83 1.94 5.10	37.57 2.07 5.08	40.00 1.94 3.01	33.10 1.91 6.80	45.41 2.22 4.85	84.49 2.67 0.00	79.32 3.13 0.00	58.81 2.67 0.00	55.94 2.28 0.00	51.36 2.09 0.00	42.29 1.78 0.88	37.48 1.89 2.24	34.52 2.04 2.41	35.94 2.06 2.33	38.22 2.29 1.51	38.72 2.25 0.29	39.77 2.09 -0.42	44.77 2.38 -0.11	55.82 2.92 -0.10	67.69 3.67 4.98	60.89 2.86 3.02	63.92 2.85 6.05	49.98 2.19 2.90
NORTHPORT___4 23650	53.10 2.38 -3.75	38.83 1.94 5.10	37.57 2.07 5.08	40.00 1.94 3.01	33.10 1.91 6.80	45.41 2.22 4.85	84.49 2.67 0.00	79.32 3.13 0.00	58.81 2.67 0.00	55.94 2.28 0.00	51.36 2.09 0.00	42.29 1.78 0.88	37.48 1.89 2.24	34.52 2.04 2.41	35.94 2.06 2.33	38.22 2.29 1.51	38.72 2.25 0.29	39.77 2.09 -0.42	44.77 2.38 -0.11	55.82 2.92 -0.10	67.69 3.67 4.98	60.89 2.86 3.02	63.92 2.85 6.05	49.98 2.19 2.90
NORTHPORT___IC 23718	52.48 2.13 -3.38	38.36 1.77 5.40	37.11 1.88 5.34	39.61 1.71 3.17	32.51 1.67 7.16	44.79 1.85 5.11	83.69 1.87 0.00	78.59 2.40 0.00	58.28 2.14 0.01	55.50 1.84 0.00	51.05 1.78 0.00	41.95 1.50 0.93	37.03 1.55 2.36	34.14 1.79 2.53	35.54 1.78 2.46	37.83 2.03 1.63	38.31 1.96 0.41	39.42 1.78 -0.38	44.39 2.01 -0.09	55.12 2.43 0.11	66.65 2.90 5.24	59.89 2.25 3.41	62.96 2.19 6.35	49.33 1.80 3.16
NORTH___COUNTRY_ESR 323785	48.14 1.17 0.00	42.90 0.90 0.00	41.28 0.70 0.00	41.66 0.59 0.00	37.91 -0.09 0.00	46.97 -1.07 0.00	61.03 -2.84 17.95	47.75 -2.64 25.80	33.74 -2.15 20.25	51.80 -1.86 0.00	47.95 -1.31 0.00	40.66 -0.72 0.00	37.08 -0.76 0.00	28.38 -1.23 5.27	7.74 -1.59 26.88	-26.14 -1.79 61.79	-26.07 -1.71 61.13	-26.11 -1.69 61.68	-26.58 -1.90 66.96	-21.04 -2.54 71.30	65.24 -2.88 0.88	58.83 -2.22 0.00	64.90 -2.22 0.00	49.13 -1.55 0.00
NPX_GEN_1385_PROXY 323591	52.28 1.93 -3.38	38.09 1.50 5.40	37.03 1.80 5.34	39.54 1.64 3.17	32.34 1.50 7.16	44.56 1.63 5.11	83.93 2.11 0.00	78.78 2.58 0.00	57.73 1.59 0.01	54.86 1.20 0.00	50.75 1.48 0.00	41.53 1.07 0.93	36.55 1.07 2.36	33.71 1.36 2.53	35.05 1.30 2.46	37.19 1.38 1.63	37.98 1.63 0.41	39.28 1.64 -0.38	44.28 1.90 -0.09	49.44 2.26 5.61	67.28 2.15 3.86	59.51 1.87 3.41	62.62 1.84 6.35	49.09 1.57 3.16
NPX_GEN_CSC 323557	53.16 2.05 -4.14	38.71 1.34 4.62	37.48 1.55 4.64	39.53 1.21 2.74	33.00 1.21 6.20	45.18 1.57 4.43	82.74 0.92 0.00	77.86 1.66 0.00	58.15 2.01 0.00	55.54 1.88 0.00	50.98 1.72 0.00	41.66 1.08 0.80	37.05 1.25 2.04	34.32 1.63 2.19	35.69 1.60 2.12	38.04 1.92 1.31	38.61 1.97 0.12	39.74 2.02 -0.47	44.42 2.01 -0.12	49.61 1.82 5.01	68.07 2.22 3.14	60.10 1.53 2.48	62.95 1.39 5.56	49.30 1.09 2.48
NSINS_S___GLNS_FALLS 23858	49.10 2.14 0.00	44.00 2.01 0.00	42.55 1.97 0.00	43.03 1.95 0.00	39.82 1.83 0.00	50.57 2.53 0.00	86.55 4.73 0.00	80.46 4.26 0.00	59.05 2.91 0.00	56.30 2.64 0.00	51.69 2.42 0.00	43.49 2.11 0.00	39.65 1.81 0.00	36.43 1.55 0.00	37.75 1.54 0.00	39.08 1.65 0.00	38.77 2.00 0.00	39.75 2.49 0.00	45.24 2.96 0.00	56.46 3.67 0.00	73.65 4.65 0.00	64.82 3.77 0.00	70.96 3.84 0.00	53.17 2.49 0.00
NUCOR_STEEL___DRP 24197	47.25 0.28 0.00	42.19 0.20 0.00	40.75 0.17 0.00	41.28 0.21 0.00	38.25 0.26 0.00	48.60 0.56 0.00	82.94 1.12 0.00	77.14 0.94 0.00	57.03 0.89 0.00	54.64 0.99 0.00	50.09 0.82 0.00	41.85 0.47 0.00	38.19 0.35 0.00	35.16 0.28 0.00	36.62 0.41 0.00	37.84 0.40 0.00	37.04 0.28 0.00	37.61 0.35 0.00	42.68 0.40 0.00	53.52 0.72 0.00	70.19 1.20 0.00	61.95 0.90 0.00	68.13 1.01 0.00	51.51 0.82 0.00
NUMBER_THREE_WT_PWR 323818	46.02 -0.95 0.00	40.25 -1.75 0.00	38.94 -1.64 0.00	39.35 -1.73 0.00	36.42 -1.58 0.00	46.32 -1.72 0.00	81.68 -0.96 -0.81	75.91 -1.46 -1.17	55.38 -1.68 -0.92	52.06 -1.60 0.00	47.65 -1.62 0.00	39.84 -1.55 0.00	36.35 -1.49 0.00	33.72 -1.40 -0.24	35.92 -1.50 -1.21	38.57 -1.64 -2.78	38.31 -1.21 -2.75	39.17 -0.86 -2.78	45.14 -0.16 -3.02	56.01 0.20 -3.02	68.32 -0.51 0.17	61.03 -0.03 0.00	67.46 0.34 0.00	50.38 -0.31 0.00
NYISO_LBMP_REFERENCE 24008	46.97 0.00 0.00	41.99 0.00 0.00	40.58 0.00 0.00	41.07 0.00 0.00	38.00 0.00 0.00	48.04 0.00 0.00	81.82 0.00 0.00	76.19 0.00 0.00	56.14 0.00 0.00	53.66 0.00 0.00	49.27 0.00 0.00	41.38 0.00 0.00	37.84 0.00 0.00	34.89 0.00 0.00	36.21 0.00 0.00	37.43 0.00 0.00	36.76 0.00 0.00	37.26 0.00 0.00	42.28 0.00 0.00	52.80 0.00 0.00	68.99 0.00 0.00	61.05 0.00 0.00	67.13 0.00 0.00	50.68 0.00 0.00

OAK ORCHARD___HYD 24046	45.85 -1.13 0.00	40.90 -1.10 0.00	39.31 -1.26 0.00	39.86 -1.21 0.00	36.91 -1.09 0.00	47.07 -0.97 0.00	80.18 -1.64 0.00	74.64 -1.56 0.00	55.25 -0.89 0.00	53.43 -0.23 0.00	49.02 -0.25 0.00	41.09 -0.29 0.00	37.39 -0.45 0.00	34.42 -0.47 0.00	35.82 -0.39 0.00	36.82 -0.62 0.00	36.30 -0.47 0.00	36.60 -0.66 0.00	41.18 -1.10 0.00	51.70 -1.10 0.00	68.17 -0.82 0.00	60.34 -0.72 0.00	66.76 -0.36 0.00	50.77 0.08 0.00
OAKDALE___35_KV_LOAD 356122	47.08 0.11 0.00	42.05 0.06 0.00	40.60 0.03 0.00	41.12 0.05 0.00	38.13 0.13 0.00	48.38 0.35 0.00	82.60 0.77 0.00	76.98 0.78 0.00	56.70 0.56 0.00	54.35 0.69 0.00	49.82 0.56 0.00	41.59 0.20 0.00	38.07 0.23 0.00	35.04 0.15 0.00	36.48 0.27 0.00	37.67 0.24 0.00	36.98 0.21 0.00	37.35 0.09 0.00	42.32 0.04 0.00	53.02 0.22 0.00	69.55 0.56 0.00	61.46 0.40 0.00	67.75 0.62 0.00	51.27 0.58 0.00
OCC_CHEM___DRP 24175	34.22 -3.66 9.09	29.76 -3.42 8.81	28.11 -3.70 8.77	28.55 -3.67 8.85	25.65 -3.47 8.88	34.06 -3.89 10.09	59.67 -7.38 14.77	54.59 -7.31 14.29	39.51 -5.07 11.56	38.99 -3.60 11.06	35.74 -3.19 10.33	29.75 -2.65 8.99	28.62 -2.57 6.65	25.08 -2.33 7.47	26.34 -2.20 7.67	27.12 -2.59 7.72	29.97 -2.44 4.36	27.13 -2.85 7.28	29.01 -4.19 9.08	36.90 -5.15 10.75	52.14 -5.62 11.24	56.53 -4.52 0.00	63.37 -3.76 0.00	48.65 -2.03 0.00
OH_GEN_PROXY 24063	35.32 -3.09 8.56	30.80 -2.90 8.29	29.15 -3.17 8.25	29.62 -3.12 8.33	26.70 -2.94 8.36	35.29 -3.25 9.49	61.78 -6.14 13.90	56.74 -6.00 13.45	41.14 -4.12 10.87	40.43 -2.82 10.40	37.01 -2.54 9.72	30.80 -2.13 8.46	29.42 -2.12 6.30	25.91 -1.93 7.05	27.27 -1.73 7.22	28.05 -2.11 7.26	30.69 -1.97 4.11	28.02 -2.38 6.85	30.19 -3.55 8.54	5.67 -4.31 42.82	55.13 -4.67 9.20	57.25 -3.81 0.00	64.01 -3.11 0.00	49.13 -1.56 0.00
OLIN_CORP_DRP 24177	34.41 -3.74 8.81	29.98 -3.48 8.54	28.33 -3.75 8.50	28.78 -3.71 8.58	25.89 -3.50 8.61	34.34 -3.92 9.78	60.13 -7.38 14.32	55.09 -7.26 13.85	39.84 -5.15 11.15	39.26 -3.73 10.67	35.98 -3.32 9.96	29.91 -2.76 8.71	28.61 -2.72 6.51	25.16 -2.47 7.26	26.42 -2.35 7.43	27.21 -2.74 7.49	29.96 -2.57 4.23	27.23 -2.96 7.06	29.22 -4.26 8.80	37.20 -5.18 10.42	52.44 -5.65 10.90	56.53 -4.52 0.00	63.43 -3.70 0.00	48.63 -2.05 0.00
OLIN_CORP_DSASP 323712	34.25 -3.63 9.09	29.80 -3.38 8.81	28.14 -3.67 8.77	28.60 -3.62 8.85	25.71 -3.41 8.88	34.11 -3.84 10.09	59.81 -7.24 14.77	54.78 -7.12 14.29	39.69 -4.89 11.56	39.12 -3.48 11.06	35.83 -3.11 10.33	29.82 -2.58 8.99	28.69 -2.51 6.65	25.12 -2.29 7.47	26.45 -2.09 7.67	27.20 -2.51 7.72	30.04 -2.36 4.36	27.18 -2.80 7.28	29.14 -4.06 9.08	37.06 -4.99 10.75	52.20 -5.55 11.24	56.55 -4.50 0.00	63.37 -3.75 0.00	48.68 -2.00 0.00
ONEIDA_HERK_LFGE 323681	47.16 0.19 0.00	41.80 -0.20 0.00	40.41 -0.17 0.00	40.88 -0.18 0.00	37.84 -0.15 0.00	48.06 0.02 0.00	83.27 1.07 -0.38	77.53 0.79 -0.55	56.86 0.29 -0.43	53.98 0.32 0.00	49.46 0.19 0.00	41.37 -0.01 0.00	37.80 -0.04 0.00	34.94 -0.06 -0.11	36.76 -0.02 -0.57	38.73 -0.01 -1.31	38.31 0.25 -1.30	38.98 0.41 -1.31	44.54 0.83 -1.43	55.52 1.25 -1.47	70.28 1.33 0.04	62.30 1.25 0.00	68.55 1.43 0.00	51.45 0.77 0.00
ONEIDA___115KV_TB4 55905	47.78 0.81 0.00	42.59 0.59 0.00	41.13 0.56 0.00	41.65 0.58 0.00	38.58 0.59 0.00	49.00 0.96 0.00	84.07 2.25 0.00	78.37 2.18 0.00	57.64 1.50 0.00	55.17 1.51 0.00	50.49 1.23 0.00	42.21 0.82 0.00	38.47 0.63 0.00	35.46 0.58 0.00	36.92 0.71 0.00	38.31 0.88 0.00	37.80 1.03 0.00	38.33 1.07 0.00	43.60 1.32 0.00	54.64 1.84 0.00	71.36 2.36 0.00	62.99 1.94 0.00	69.20 2.07 0.00	52.10 1.42 0.00
ONONDAGA_REF_OCCRA 23987	46.89 -0.08 0.00	41.88 -0.11 0.00	40.44 -0.14 0.00	40.97 -0.11 0.00	37.97 -0.03 0.00	48.20 0.16 0.00	82.32 0.50 0.00	76.74 0.54 0.00	56.58 0.44 0.00	54.21 0.55 0.00	49.69 0.42 0.00	41.60 0.21 0.00	37.99 0.15 0.00	35.00 0.11 0.00	36.43 0.21 0.00	37.66 0.22 0.00	37.00 0.23 0.00	37.47 0.21 0.00	42.51 0.23 0.00	53.20 0.40 0.00	69.68 0.69 0.00	61.52 0.46 0.00	67.64 0.52 0.00	51.08 0.39 0.00
ONONDAGA___COGEN 23986	46.85 -0.12 0.00	41.86 -0.14 0.00	40.43 -0.15 0.00	40.96 -0.12 0.00	37.95 -0.05 0.00	48.17 0.13 0.00	82.24 0.42 0.00	76.62 0.43 0.00	56.50 0.37 0.00	54.11 0.45 0.00	49.61 0.34 0.00	41.55 0.16 0.00	37.95 0.11 0.00	34.97 0.09 0.00	36.38 0.17 0.00	37.60 0.17 0.00	36.93 0.16 0.00	37.41 0.15 0.00	42.46 0.18 0.00	53.11 0.31 0.00	69.56 0.57 0.00	61.41 0.35 0.00	67.52 0.39 0.00	50.99 0.31 0.00
ONTARIO___LFGE 23819	51.86 -0.43 -5.32	46.72 -0.43 -5.16	45.26 -0.44 -5.13	45.83 -0.42 -5.18	43.10 -0.09 -5.20	53.90 -0.04 -5.91	90.18 -0.30 -8.65	84.52 -0.04 -8.37	62.99 0.08 -6.77	60.50 0.37 -6.48	55.71 0.39 -6.05	46.85 0.21 -5.26	41.74 0.05 -3.86	38.94 -0.23 -4.29	40.42 -0.21 -4.43	41.53 -0.38 -4.48	39.18 -0.11 -2.53	41.38 -0.10 -4.22	47.44 -0.10 -5.26	58.97 -0.06 -6.23	75.62 0.11 -6.51	61.44 0.39 0.00	67.72 0.60 0.00	51.55 0.87 0.00
ORANGEVILLE_WT_PWR 323706	-15.20 -3.60 58.56	-17.88 -3.12 56.75	-19.10 -3.21 56.46	-19.18 -3.24 57.01	-21.85 -2.66 57.19	-20.12 -3.18 64.98	-19.11 -5.81 95.12	-21.06 -5.22 92.04	-21.81 -3.45 74.50	-20.71 -3.09 71.28	-20.23 -2.93 66.56	-19.31 -2.80 57.90	-8.30 -2.78 43.35	-16.17 -2.73 48.33	-15.96 -2.78 49.39	-15.40 -3.09 49.74	5.69 -2.97 28.10	-12.72 -3.06 46.92	-19.62 -3.44 58.47	-20.39 -3.95 69.25	-8.27 -4.86 72.41	56.96 -4.09 0.00	63.88 -3.24 0.00	49.27 -1.42 0.00
ORANGEVILLE___ESR 323794	-15.20 -3.60 58.56	-17.88 -3.12 56.75	-19.10 -3.21 56.46	-19.18 -3.24 57.01	-21.85 -2.66 57.19	-20.12 -3.18 64.98	-19.11 -5.81 95.12	-21.06 -5.22 92.04	-21.81 -3.45 74.50	-20.71 -3.09 71.28	-20.23 -2.93 66.56	-19.31 -2.80 57.90	-8.30 -2.78 43.35	-16.17 -2.73 48.33	-15.96 -2.78 49.39	-15.40 -3.09 49.74	5.69 -2.97 28.10	-12.72 -3.06 46.92	-19.62 -3.44 58.47	-20.39 -3.95 69.25	-8.27 -4.86 72.41	56.96 -4.09 0.00	63.88 -3.24 0.00	49.27 -1.42 0.00
OSWEGATCHIE___HYD 24044	45.91 -1.06 0.00	40.47 -1.53 0.00	39.06 -1.52 0.00	39.50 -1.57 0.00	36.46 -1.53 0.00	46.15 -1.89 0.00	81.45 -2.23 -1.85	76.57 -2.29 -2.66	56.08 -2.14 -2.09	51.64 -2.03 0.00	47.38 -1.89 0.00	39.75 -1.63 0.00	36.23 -1.62 0.00	33.80 -1.63 -0.54	37.16 -1.81 -2.76	41.74 -2.05 -6.35	41.31 -1.75 -6.29	42.12 -1.48 -6.34	48.01 -1.16 -6.89	58.35 -1.27 -6.82	66.34 -2.19 0.47	59.65 -1.41 0.00	65.83 -1.29 0.00	49.46 -1.22 0.00
OSWEGO___5 23606	46.06 -0.91 0.00	41.15 -0.84 0.00	39.73 -0.85 0.00	40.24 -0.83 0.00	37.26 -0.73 0.00	47.24 -0.80 0.00	80.55 -1.27 0.00	75.01 -1.18 0.00	55.30 -0.84 0.00	52.95 -0.71 0.00	48.56 -0.71 0.00	40.72 -0.66 0.00	37.20 -0.64 0.00	34.28 -0.61 0.00	35.63 -0.58 0.00	36.81 -0.62 0.00	36.16 -0.60 0.00	36.63 -0.62 0.00	41.56 -0.72 0.00	51.96 -0.84 0.00	68.03 -0.96 0.00	60.13 -0.92 0.00	66.15 -0.97 0.00	49.99 -0.70 0.00

OSWEGO___6 23613	46.06 -0.91 0.00	41.15 -0.84 0.00	39.73 -0.85 0.00	40.24 -0.83 0.00	37.26 -0.73 0.00	47.24 -0.80 0.00	80.55 -1.27 0.00	75.01 -1.18 0.00	55.30 -0.84 0.00	52.95 -0.71 0.00	48.56 -0.71 0.00	40.72 -0.66 0.00	37.20 -0.64 0.00	34.28 -0.61 0.00	35.63 -0.58 0.00	36.81 -0.62 0.00	36.16 -0.60 0.00	36.63 -0.62 0.00	41.56 -0.72 0.00	51.96 -0.84 0.00	68.03 -0.96 0.00	60.13 -0.92 0.00	66.15 -0.97 0.00	49.99 -0.70 0.00
OUTOKUMPU-AB___DRP 24206	35.82 -2.56 8.59	31.20 -2.47 8.33	29.51 -2.78 8.28	29.99 -2.72 8.36	27.04 -2.56 8.39	35.82 -2.68 9.53	62.73 -5.14 13.96	57.59 -5.10 13.50	41.79 -3.41 10.94	41.11 -2.08 10.47	37.62 -1.87 9.78	31.26 -1.63 8.49	30.05 -1.59 6.20	26.28 -1.57 7.04	27.51 -1.46 7.24	28.31 -1.82 7.30	30.96 -1.69 4.12	28.35 -2.03 6.88	30.55 -3.16 8.58	38.90 -3.74 10.16	54.65 -3.72 10.62	58.14 -2.92 0.00	65.11 -2.02 0.00	49.89 -0.79 0.00
OXBOW___BTM 323836	34.99 -3.14 8.84	30.46 -2.97 8.57	28.80 -3.25 8.52	29.26 -3.21 8.61	26.35 -3.02 8.63	34.94 -3.29 9.81	61.24 -6.22 14.36	56.21 -6.10 13.89	40.79 -4.11 11.25	40.14 -2.75 10.76	36.72 -2.50 10.05	30.54 -2.11 8.74	29.38 -2.04 6.42	25.68 -1.95 7.25	26.99 -1.76 7.45	27.76 -2.16 7.51	30.49 -2.03 4.24	27.76 -2.41 7.08	29.87 -3.59 8.82	38.01 -4.34 10.45	53.41 -4.66 10.93	57.31 -3.74 0.00	64.19 -2.94 0.00	49.25 -1.44 0.00
OXBOW____ 24026	34.97 -3.16 8.84	30.43 -3.00 8.57	28.76 -3.29 8.52	29.21 -3.25 8.61	26.29 -3.07 8.63	34.89 -3.34 9.81	61.11 -6.35 14.36	56.03 -6.27 13.89	40.61 -4.28 11.25	40.02 -2.88 10.76	36.65 -2.57 10.05	30.46 -2.18 8.74	29.30 -2.11 6.42	25.64 -1.99 7.25	26.88 -1.87 7.45	27.67 -2.25 7.51	30.42 -2.10 4.24	27.71 -2.47 7.08	29.74 -3.72 8.82	37.85 -4.50 10.45	53.34 -4.73 10.93	57.28 -3.77 0.00	64.19 -2.94 0.00	49.21 -1.47 0.00
OXY_CHEM_DSASP 323612	34.22 -3.66 9.09	29.76 -3.42 8.81	28.11 -3.70 8.77	28.55 -3.67 8.85	25.65 -3.47 8.88	34.06 -3.89 10.09	59.67 -7.38 14.77	54.59 -7.31 14.29	39.51 -5.07 11.56	38.99 -3.60 11.06	35.74 -3.19 10.33	29.75 -2.65 8.99	28.62 -2.57 6.65	25.08 -2.33 7.47	26.34 -2.20 7.67	27.12 -2.59 7.72	29.97 -2.44 4.36	27.13 -2.85 7.28	29.01 -4.19 9.08	36.90 -5.15 10.75	52.14 -5.62 11.24	56.53 -4.52 0.00	63.37 -3.76 0.00	48.65 -2.03 0.00
OZONE_PARK_ESR 323760	49.43 2.46 0.00	44.05 2.06 0.00	42.65 2.08 0.00	43.10 2.03 0.00	40.05 2.05 0.00	50.76 2.72 0.00	86.62 4.79 0.00	81.11 4.91 0.00	60.02 3.88 0.00	57.24 3.58 0.00	52.50 3.23 0.00	44.06 2.68 0.00	40.48 2.64 0.00	37.40 2.52 0.00	38.68 2.47 0.00	40.04 2.61 0.00	39.38 2.62 0.00	39.87 2.61 0.00	45.40 3.12 0.00	56.81 4.01 0.00	74.00 5.01 0.00	65.00 3.95 0.00	71.10 3.97 0.00	53.58 2.90 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	34.22 -3.66 9.09	29.76 -3.42 8.81	28.11 -3.70 8.77	28.55 -3.67 8.85	25.65 -3.47 8.88	34.06 -3.89 10.09	59.67 -7.38 14.77	54.59 -7.31 14.29	39.51 -5.07 11.56	38.99 -3.60 11.06	35.74 -3.19 10.33	29.75 -2.65 8.99	28.62 -2.57 6.65	25.08 -2.33 7.47	26.34 -2.20 7.67	27.12 -2.59 7.72	29.97 -2.44 4.36	27.13 -2.85 7.28	29.01 -4.19 9.08	36.90 -5.15 10.75	52.14 -5.62 11.24	56.53 -4.52 0.00	63.37 -3.76 0.00	48.65 -2.03 0.00
PACKARD___115KV_DUPONT_184 80571	34.22 -3.66 9.09	29.76 -3.42 8.81	28.11 -3.70 8.77	28.55 -3.67 8.85	25.65 -3.47 8.88	34.06 -3.89 10.09	59.67 -7.38 14.77	54.59 -7.31 14.29	39.51 -5.07 11.56	38.99 -3.60 11.06	35.74 -3.19 10.33	29.75 -2.65 8.99	28.62 -2.57 6.65	25.08 -2.33 7.47	26.34 -2.20 7.67	27.12 -2.59 7.72	29.97 -2.44 4.36	27.13 -2.85 7.28	29.01 -4.19 9.08	36.90 -5.15 10.75	52.14 -5.62 11.24	56.53 -4.52 0.00	63.37 -3.76 0.00	48.65 -2.03 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	48.89 1.92 0.00	43.66 1.66 0.00	42.29 1.71 0.00	42.73 1.66 0.00	39.72 1.73 0.00	50.28 2.24 0.00	85.74 3.92 0.00	80.25 4.06 0.00	59.38 3.24 0.00	56.61 2.95 0.00	51.96 2.69 -0.01	43.62 2.23 -0.01	40.07 2.23 0.00	37.03 2.14 -0.01	38.31 2.10 0.00	39.66 2.23 0.01	33.31 2.21 5.67	39.45 2.20 0.01	44.91 2.63 0.00	56.13 3.33 0.00	73.00 4.00 0.00	64.16 3.10 0.00	70.28 3.16 0.00	52.94 2.25 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	48.91 1.94 0.00	43.66 1.67 0.00	42.29 1.71 0.00	42.73 1.66 0.00	39.81 1.82 0.00	50.41 2.37 0.00	85.91 4.09 0.00	80.26 4.07 0.00	59.38 3.24 0.00	56.61 2.95 0.00	51.97 2.70 -0.01	43.62 2.23 -0.01	40.07 2.23 0.00	37.03 2.14 -0.01	38.32 2.10 0.00	39.66 2.24 0.01	33.31 2.21 5.67	39.45 2.20 0.01	44.92 2.64 0.00	56.13 3.33 0.00	73.00 4.01 0.00	64.16 3.11 0.00	70.28 3.16 0.00	52.94 2.25 0.00
PATROON___115KV_TB1 80586	47.30 0.34 0.00	42.45 0.46 0.00	41.14 0.57 0.00	41.61 0.54 0.00	38.53 0.54 0.00	48.66 0.62 0.00	82.90 1.08 0.00	77.11 0.91 0.00	56.94 0.80 0.00	54.38 0.72 0.00	50.03 0.77 0.00	42.15 0.77 0.00	38.62 0.78 0.00	35.58 0.70 0.00	36.95 0.74 0.00	38.27 0.84 0.00	37.63 0.87 0.00	38.17 0.92 0.00	43.21 0.93 0.00	53.94 1.14 0.00	70.29 1.30 0.00	62.03 0.98 0.00	67.98 0.85 0.00	51.14 0.45 0.00
PATTRSNVILLE___SOLAR 323815	48.32 1.35 0.00	43.23 1.23 0.00	41.75 1.18 0.00	42.23 1.16 0.00	39.10 1.10 0.00	49.54 1.50 0.00	84.59 2.77 0.00	78.51 2.32 0.00	57.55 1.41 0.00	54.55 0.89 0.00	49.96 0.69 0.00	41.99 0.61 0.00	38.45 0.61 0.00	35.40 0.51 0.00	36.82 0.61 0.00	38.14 0.71 0.00	37.64 0.88 0.00	38.48 1.22 0.00	43.76 1.48 0.00	54.86 2.06 0.00	71.67 2.68 0.00	63.24 2.19 0.00	69.37 2.25 0.00	52.27 1.58 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	39.10 -1.38 6.49	34.33 -1.37 6.29	32.67 -1.65 6.26	33.18 -1.57 6.32	30.17 -1.49 6.34	39.49 -1.35 7.20	68.67 -2.61 10.54	63.41 -2.59 10.20	45.97 -1.94 8.23	44.92 -0.86 7.87	41.13 -0.78 7.35	34.10 -0.86 6.41	32.20 -0.88 4.76	28.65 -0.90 5.34	29.97 -0.77 5.47	30.84 -1.08 5.51	32.72 -0.93 3.11	30.75 -1.31 5.20	33.63 -2.18 6.48	42.68 -2.44 7.67	58.88 -2.09 8.02	59.49 -1.56 0.00	66.42 -0.71 0.00	50.84 0.15 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	49.01 2.05 0.00	43.82 1.82 0.00	42.43 1.85 0.00	42.88 1.81 0.00	39.79 1.79 0.00	50.45 2.41 0.00	86.07 4.25 0.00	80.59 4.40 0.00	59.56 3.42 0.00	56.66 3.00 0.00	51.90 2.64 0.00	43.53 2.14 0.00	39.94 2.10 0.00	36.93 2.04 0.00	38.29 2.08 0.00	39.68 2.25 0.00	39.00 2.24 0.00	39.51 2.25 0.00	45.03 2.75 0.00	56.40 3.60 0.00	73.49 4.50 0.00	64.62 3.57 0.00	70.67 3.54 0.00	53.21 2.53 0.00
PEEKSKILL____ 23653	48.44 1.48 0.00	43.30 1.30 0.00	41.94 1.37 0.00	42.39 1.31 0.00	39.35 1.35 0.00	49.87 1.84 0.00	84.99 3.17 0.00	79.55 3.36 0.00	58.76 2.62 0.00	55.99 2.33 0.00	51.29 2.02 0.00	43.05 1.67 0.00	39.50 1.67 0.00	36.50 1.61 0.00	37.83 1.62 0.00	39.19 1.76 0.00	38.47 1.71 0.00	38.95 1.70 0.00	44.35 2.07 0.00	55.47 2.68 0.00	72.25 3.25 0.00	63.57 2.52 0.00	69.56 2.43 0.00	52.45 1.77 0.00

PGE MADISON___WINDPWR 24146	51.53 2.62 -1.93	45.91 2.04 -1.87	43.74 1.30 -1.87	43.78 0.83 -1.88	40.95 1.06 -1.89	52.86 2.68 -2.15	89.13 4.16 -3.14	82.84 3.60 -3.04	61.22 2.62 -2.46	58.06 2.05 -2.35	53.11 1.64 -2.20	44.26 0.96 -1.91	39.74 0.47 -1.43	36.79 0.31 -1.59	38.46 0.62 -1.63	39.89 0.82 -1.64	38.52 0.82 -0.93	39.93 1.12 -1.55	45.59 1.38 -1.93	57.38 2.30 -2.28	74.32 2.94 -2.39	63.40 2.34 0.00	69.20 2.08 0.00	52.32 1.64 0.00
PIERCEFIELD___HYD 23852	46.81 -0.15 0.00	41.53 -0.47 0.00	40.02 -0.56 0.00	40.44 -0.63 0.00	37.25 -0.75 0.00	46.89 -1.15 0.00	82.69 -1.86 -2.72	78.39 -1.72 -3.91	57.61 -1.61 -3.07	52.13 -1.53 0.00	48.00 -1.27 0.00	40.44 -0.94 0.00	36.86 -0.98 0.00	34.59 -1.09 -0.80	38.94 -1.34 -4.07	45.19 -1.61 -9.36	44.57 -1.46 -9.26	45.25 -1.35 -9.34	51.10 -1.33 -10.14	61.06 -1.75 -10.02	65.54 -2.74 0.72	59.42 -1.64 0.00	65.60 -1.53 0.00	49.60 -1.09 0.00
PINELAWN_CC_1 323563	58.79 2.53 -9.30	44.53 2.03 -0.51	42.73 2.15 0.00	43.08 2.01 0.00	39.82 1.77 -0.05	49.95 1.91 0.00	83.82 2.00 0.00	78.60 2.40 0.00	58.53 2.39 0.00	55.56 1.90 0.00	50.94 1.68 0.00	42.80 1.42 0.00	39.33 1.50 0.00	36.60 1.71 0.00	37.93 1.72 0.00	40.08 1.94 -0.70	40.45 1.94 -1.74	40.09 1.76 -1.08	44.51 1.93 -0.29	60.88 2.46 -5.63	72.80 3.09 -0.72	67.80 2.60 -4.14	69.69 2.57 0.00	55.09 2.07 -2.33
PJM_GEN_HTP_PROXY 323702	48.96 1.99 0.00	43.67 1.67 0.00	42.30 1.72 0.00	42.74 1.66 0.00	39.70 1.70 0.00	50.31 2.27 0.00	85.76 3.94 0.00	80.26 4.07 0.00	59.40 3.26 0.00	56.65 2.99 0.00	51.96 2.70 0.00	43.62 2.24 0.00	40.08 2.24 0.00	37.04 2.15 0.00	38.31 2.10 0.00	39.66 2.23 0.00	38.99 2.22 0.00	39.48 2.22 0.00	44.93 2.65 0.00	56.08 3.38 0.09	73.17 4.17 0.00	64.25 3.20 0.00	70.32 3.20 0.00	53.00 2.32 0.00
PJM_GEN_KEystone 24065	46.95 -0.02 0.00	41.92 -0.07 0.00	40.48 -0.10 0.00	40.98 -0.10 0.00	38.00 0.00 0.00	48.34 0.30 0.00	82.30 0.48 0.00	76.83 0.63 0.00	56.63 0.49 0.00	54.40 0.73 0.00	49.84 0.58 0.00	41.67 0.29 0.00	38.19 0.34 0.00	35.18 0.30 0.00	36.58 0.38 0.00	37.74 0.30 0.00	37.09 0.33 0.00	37.37 0.12 0.00	42.26 -0.02 0.00	52.88 0.18 0.09	69.53 0.54 0.00	61.39 0.34 0.00	67.74 0.61 0.00	51.39 0.70 0.00
PJM_GEN_NEPTUNE_PROXY 323594	50.04 2.09 -0.98	35.86 1.73 7.86	34.84 1.85 7.58	38.33 1.75 4.49	29.58 1.76 10.17	42.85 2.05 7.24	84.38 2.56 0.00	79.23 3.03 0.00	58.77 2.63 0.01	55.90 2.24 0.00	51.30 2.04 0.00	41.84 1.77 1.31	36.33 1.84 3.35	33.27 1.98 3.59	34.70 1.97 3.48	37.02 2.18 2.59	37.58 2.11 1.29	39.31 1.94 -0.11	44.52 2.22 -0.02	52.78 2.80 2.83	64.95 3.60 7.63	57.50 2.80 6.35	61.10 2.81 8.84	47.53 2.17 5.33
PJM_GEN_VFT_PROXY 323633	48.72 1.75 0.00	43.49 1.50 0.00	42.13 1.56 0.00	42.58 1.50 0.00	39.56 1.57 0.00	50.15 2.12 0.00	85.51 3.69 0.00	80.01 3.81 0.00	59.16 3.02 0.00	56.42 2.76 0.00	51.72 2.46 0.00	43.44 2.06 0.00	39.91 2.07 0.00	36.87 1.98 0.00	38.14 1.93 0.00	39.49 2.06 0.00	38.80 2.04 0.00	39.30 2.04 0.00	44.76 2.48 0.00	55.85 3.15 0.09	72.87 3.87 0.00	63.99 2.94 0.00	70.04 2.92 0.00	52.83 2.14 0.00
PLATSBURG_115KV_PMLD1 355749	48.67 1.70 0.00	43.37 1.38 0.00	41.78 1.20 0.00	42.16 1.09 0.00	38.43 0.43 0.00	47.60 -0.43 0.00	63.55 -1.78 16.49	50.70 -1.79 23.71	36.17 -1.37 18.60	52.41 -1.26 0.00	48.44 -0.83 0.00	41.02 -0.36 0.00	37.49 -0.35 0.00	29.18 -0.86 4.84	10.40 -1.12 24.69	-20.64 -1.31 56.76	-20.67 -1.27 56.17	-20.62 -1.22 56.67	-20.65 -1.41 61.52	-14.70 -1.92 65.59	65.87 -2.23 0.90	59.39 -1.66 0.00	65.49 -1.64 0.00	49.61 -1.07 0.00
PLEASANTVLY___LBMP 24000	48.33 1.36 0.00	43.23 1.23 0.00	41.88 1.30 0.00	42.33 1.26 0.00	39.28 1.28 0.00	49.71 1.67 0.00	84.70 2.88 0.00	79.27 3.07 0.00	58.65 2.51 0.00	55.87 2.21 0.00	51.23 1.97 0.00	43.01 1.63 0.00	39.48 1.64 0.00	36.43 1.55 0.00	37.77 1.56 0.00	39.14 1.71 0.00	38.42 1.66 0.00	38.91 1.65 0.00	44.27 1.99 0.00	55.36 2.56 0.00	72.10 3.10 0.00	63.46 2.41 0.00	69.45 2.33 0.00	52.33 1.64 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	48.72 1.75 0.00	43.53 1.53 0.00	42.16 1.58 0.00	42.61 1.54 0.00	39.55 1.55 0.00	50.10 2.06 0.00	85.34 3.52 0.00	79.96 3.76 0.00	59.14 3.00 0.00	56.35 2.69 0.00	51.65 2.39 0.00	43.36 1.98 0.00	39.81 1.97 0.00	36.77 1.89 0.00	38.10 1.89 0.00	39.47 2.03 0.00	38.77 2.00 0.00	39.25 1.99 0.00	44.68 2.40 0.00	55.88 3.08 0.00	72.76 3.77 0.00	63.99 2.94 0.00	70.02 2.90 0.00	52.77 2.08 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	48.72 1.75 0.00	43.53 1.53 0.00	42.16 1.58 0.00	42.61 1.54 0.00	39.55 1.55 0.00	50.10 2.06 0.00	85.34 3.52 0.00	79.96 3.76 0.00	59.14 3.00 0.00	56.35 2.69 0.00	51.65 2.39 0.00	43.36 1.98 0.00	39.81 1.97 0.00	36.77 1.89 0.00	38.10 1.89 0.00	39.47 2.03 0.00	38.77 2.00 0.00	39.25 1.99 0.00	44.68 2.40 0.00	55.88 3.08 0.00	72.76 3.77 0.00	63.99 2.94 0.00	70.02 2.90 0.00	52.77 2.08 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	48.79 1.82 0.00	43.63 1.63 0.00	42.25 1.68 0.00	42.72 1.65 0.00	39.63 1.63 0.00	50.21 2.17 0.00	85.62 3.80 0.00	80.16 3.96 0.00	59.23 3.09 0.00	56.36 2.70 0.00	51.56 2.30 0.00	43.27 1.88 0.00	39.70 1.86 0.00	36.68 1.80 0.00	38.04 1.83 0.00	39.44 2.01 0.00	38.76 1.99 0.00	39.28 2.02 0.00	44.77 2.49 0.00	56.07 3.28 0.00	73.07 4.08 0.00	64.29 3.24 0.00	70.32 3.19 0.00	52.93 2.25 0.00
POLETTI___ 23519	48.91 1.94 0.00	43.64 1.65 0.00	42.27 1.70 0.00	42.73 1.65 0.00	39.71 1.71 0.00	50.30 2.26 0.00	85.71 3.89 0.00	80.24 4.04 0.00	59.39 3.25 0.00	56.65 2.99 0.00	51.97 2.70 0.00	43.62 2.24 0.00	40.09 2.25 0.00	37.03 2.15 0.00	38.28 2.07 0.00	39.63 2.20 0.00	38.95 2.18 0.00	39.44 2.19 0.00	44.92 2.64 0.00	56.18 3.38 0.00	73.14 4.15 0.00	64.25 3.19 0.00	70.29 3.16 0.00	52.99 2.30 0.00
POMONA___ESR 323819	48.45 1.48 0.00	43.32 1.32 0.00	41.95 1.38 0.00	42.40 1.33 0.00	39.36 1.36 0.00	49.93 1.89 0.00	85.07 3.25 0.00	79.61 3.42 0.00	58.78 2.64 0.00	56.02 2.36 0.00	51.31 2.04 0.00	43.06 1.68 0.00	39.51 1.68 0.00	36.51 1.62 0.00	37.85 1.64 0.00	39.21 1.78 0.00	38.45 1.69 0.00	38.92 1.66 0.00	44.32 2.04 0.00	55.41 2.61 0.00	72.16 3.17 0.00	63.52 2.47 0.00	69.50 2.37 0.00	52.42 1.74 0.00
PORT_JEFF_3 23555	53.50 2.35 -4.19	39.19 1.77 4.57	37.91 1.93 4.60	40.06 1.71 2.72	33.57 1.71 6.15	45.66 2.01 4.39	83.90 2.08 0.00	78.86 2.67 0.00	58.49 2.35 0.00	55.71 2.05 0.00	51.07 1.81 0.00	41.96 1.37 0.79	37.36 1.55 2.03	34.55 1.84 2.18	35.93 1.83 2.11	38.28 2.14 1.30	38.82 2.17 0.11	39.90 2.18 -0.47	44.77 2.36 -0.12	56.04 2.70 -0.54	67.89 3.37 4.48	61.20 2.57 2.42	64.14 2.53 5.51	50.22 1.97 2.44

PORT_JEFF_4 23616	53.50 2.35 -4.19	39.19 1.77 4.57	37.91 1.93 4.60	40.06 1.71 2.72	33.57 1.71 6.15	45.66 2.01 4.39	83.90 2.08 0.00	78.86 2.67 0.00	58.49 2.35 0.00	55.71 2.05 0.00	51.07 1.81 0.00	41.96 1.37 0.79	37.36 1.55 2.03	34.55 1.84 2.18	35.93 1.83 2.11	38.28 2.14 1.30	38.82 2.17 0.11	39.90 2.18 -0.47	44.77 2.36 -0.12	56.04 2.70 -0.54	67.89 3.37 4.48	61.20 2.57 2.42	64.14 2.53 5.51	50.22 1.97 2.44
PORT_JEFF_IC 23713	53.71 2.36 -4.38	39.48 1.86 4.37	38.13 1.97 4.42	40.19 1.73 2.62	33.79 1.70 5.90	45.85 2.03 4.22	83.90 2.08 0.00	78.86 2.66 0.00	58.43 2.29 0.00	55.63 1.97 0.00	51.01 1.75 0.00	41.96 1.34 0.76	37.46 1.57 1.95	34.64 1.85 2.09	36.04 1.86 2.02	38.38 2.16 1.22	38.92 2.20 0.04	39.95 2.19 -0.49	44.83 2.42 -0.13	56.30 2.78 -0.72	68.13 3.42 4.29	61.48 2.61 2.19	64.37 2.56 5.31	50.39 1.98 2.27
PPL PILGRIM_ST_GT1 24216	54.86 2.63 -5.27	40.62 2.07 3.45	39.21 2.22 3.57	40.99 2.04 2.12	35.22 2.00 4.77	46.90 2.27 3.41	84.35 2.52 0.00	79.29 3.10 0.00	58.90 2.76 0.00	56.12 2.46 0.00	51.46 2.20 0.00	42.50 1.74 0.62	37.95 1.69 1.58	35.13 1.94 1.69	36.54 1.97 1.64	38.92 2.35 0.86	39.41 2.36 -0.29	40.13 2.28 -0.59	45.02 2.58 -0.16	57.50 3.12 -1.58	69.29 3.70 3.41	62.94 2.97 1.09	65.88 3.13 4.38	51.62 2.40 1.47
PPL PILGRIM_ST_GT2 24217	54.86 2.63 -5.27	40.62 2.07 3.45	39.21 2.22 3.57	40.99 2.04 2.12	35.22 2.00 4.77	46.90 2.27 3.41	84.35 2.52 0.00	79.29 3.10 0.00	58.90 2.76 0.00	56.12 2.46 0.00	51.46 2.20 0.00	42.50 1.74 0.62	37.95 1.69 1.58	35.13 1.94 1.69	36.54 1.97 1.64	38.92 2.35 0.86	39.41 2.36 -0.29	40.13 2.28 -0.59	45.02 2.58 -0.16	57.50 3.12 -1.58	69.29 3.70 3.41	62.94 2.97 1.09	65.88 3.13 4.38	51.62 2.40 1.47
PPL_SHRM_GT3 24213	53.28 2.07 -4.25	38.86 1.37 4.51	37.62 1.58 4.54	39.62 1.24 2.69	33.17 1.24 6.07	45.32 1.61 4.33	82.81 0.99 0.00	77.91 1.71 0.00	58.15 2.02 0.00	55.55 1.89 0.00	50.97 1.70 0.00	41.63 1.03 0.78	37.04 1.20 2.00	34.33 1.59 2.15	35.70 1.57 2.08	38.04 1.88 1.27	38.62 1.95 0.08	39.76 2.03 -0.48	44.44 2.04 -0.13	55.27 1.87 -0.59	66.87 2.29 4.41	60.30 1.59 2.35	63.14 1.46 5.45	49.45 1.15 2.39
PPL_SHRM_GT4 24214	53.28 2.07 -4.25	38.86 1.37 4.51	37.62 1.58 4.54	39.62 1.24 2.69	33.17 1.24 6.07	45.32 1.61 4.33	82.81 0.99 0.00	77.91 1.71 0.00	58.15 2.02 0.00	55.55 1.89 0.00	50.97 1.70 0.00	41.63 1.03 0.78	37.04 1.20 2.00	34.33 1.59 2.15	35.70 1.57 2.08	38.04 1.88 1.27	38.62 1.95 0.08	39.76 2.03 -0.48	44.44 2.04 -0.13	55.27 1.87 -0.59	66.87 2.29 4.41	60.30 1.59 2.35	63.14 1.46 5.45	49.45 1.15 2.39
PROJECT___ORANGE 1 24174	46.60 -0.36 0.00	41.63 -0.36 0.00	40.20 -0.37 0.00	40.73 -0.34 0.00	37.74 -0.26 0.00	47.90 -0.14 0.00	81.79 -0.03 0.00	76.22 0.03 0.00	56.22 0.08 0.00	53.87 0.21 0.00	49.40 0.14 0.00	41.38 0.00 0.00	37.80 -0.05 0.00	34.84 -0.04 0.00	36.24 0.04 0.00	37.47 0.04 0.00	36.80 0.04 0.00	37.26 0.00 0.00	42.25 -0.03 0.00	52.84 0.05 0.00	69.22 0.22 0.00	61.10 0.05 0.00	67.21 0.09 0.00	50.76 0.08 0.00
PROJECT___ORANGE 2 24166	46.60 -0.36 0.00	41.63 -0.36 0.00	40.20 -0.37 0.00	40.73 -0.34 0.00	37.74 -0.26 0.00	47.90 -0.14 0.00	81.79 -0.03 0.00	76.22 0.03 0.00	56.22 0.08 0.00	53.87 0.21 0.00	49.40 0.14 0.00	41.38 0.00 0.00	37.80 -0.05 0.00	34.84 -0.04 0.00	36.24 0.04 0.00	37.47 0.04 0.00	36.80 0.04 0.00	37.26 0.00 0.00	42.25 -0.03 0.00	52.84 0.05 0.00	69.22 0.22 0.00	61.10 0.05 0.00	67.21 0.09 0.00	50.76 0.08 0.00
PUCKETT___SOLAR 323809	47.75 0.78 0.00	42.54 0.54 0.00	40.97 0.39 0.00	41.33 0.26 0.00	38.27 0.27 0.00	48.82 0.78 0.00	83.52 1.70 0.00	77.61 1.41 0.00	56.94 0.80 0.00	54.40 0.74 0.00	49.86 0.59 0.00	41.57 0.19 0.00	37.95 0.11 0.00	34.88 0.00 0.00	36.43 0.22 0.00	37.67 0.23 0.00	36.98 0.21 0.00	37.31 0.05 0.00	42.49 0.21 0.00	53.44 0.64 0.00	70.10 1.10 0.00	61.89 0.83 0.00	68.05 0.93 0.00	51.47 0.78 0.00
PYRITES___HYD 24023	48.02 1.05 0.00	42.70 0.70 0.00	41.14 0.57 0.00	41.61 0.54 0.00	38.35 0.35 0.00	48.34 0.30 0.00	84.88 0.61 -2.45	80.35 0.63 -3.52	58.97 0.07 -2.76	53.73 0.07 0.00	49.47 0.20 0.00	41.68 0.30 0.00	37.95 0.11 0.00	35.43 -0.17 -0.72	39.43 -0.44 -3.66	45.11 -0.74 -8.41	44.49 -0.60 -8.32	45.22 -0.44 -8.40	51.19 -0.20 -9.12	61.44 -0.27 -8.92	67.54 -0.72 0.74	61.18 0.13 0.00	67.52 0.40 0.00	51.07 0.38 0.00
QUAKERRD_115KV_BK1 80622	45.13 -1.84 0.00	40.27 -1.72 0.00	38.75 -1.83 0.00	39.29 -1.78 0.00	36.38 -1.62 0.00	46.33 -1.71 0.00	78.95 -2.87 0.00	73.49 -2.70 0.00	54.33 -1.81 0.00	52.45 -1.21 0.00	48.15 -1.12 0.00	40.39 -0.99 0.00	36.78 -1.06 0.00	33.88 -1.00 0.00	35.21 -1.00 0.00	36.24 -1.19 0.00	35.72 -1.04 0.00	36.07 -1.19 0.00	40.66 -1.62 0.00	50.95 -1.85 0.00	67.10 -1.89 0.00	59.35 -1.70 0.00	65.57 -1.55 0.00	49.80 -0.89 0.00
QUENSBRY_115KV_TB8 356137	49.22 2.25 0.00	44.09 2.10 0.00	42.65 2.08 0.00	43.10 2.03 0.00	39.91 1.91 0.00	50.69 2.64 0.00	86.80 4.98 0.00	80.67 4.48 0.00	59.20 3.06 0.00	56.43 2.77 0.00	51.82 2.55 0.00	43.56 2.18 0.00	39.70 1.86 0.00	36.46 1.58 0.00	37.79 1.58 0.00	39.14 1.71 0.00	38.84 2.07 0.00	39.88 2.62 0.00	45.41 3.13 0.00	56.65 3.85 0.00	73.88 4.89 0.00	65.02 3.96 0.00	71.16 4.04 0.00	53.27 2.58 0.00
RAMAPO___LBMP 323565	48.24 1.27 0.00	43.14 1.15 0.00	41.79 1.21 0.00	42.23 1.16 0.00	39.22 1.23 0.00	49.75 1.70 0.00	84.74 2.92 0.00	79.30 3.11 0.00	58.52 2.38 0.00	55.78 2.12 0.00	51.06 1.79 0.00	42.85 1.47 0.00	39.32 1.48 0.00	36.32 1.44 0.00	37.68 1.47 0.00	39.03 1.60 0.00	38.27 1.51 0.00	38.74 1.48 0.00	44.13 1.85 0.00	55.20 2.40 0.00	71.87 2.88 0.00	63.27 2.22 0.00	69.25 2.12 0.00	52.24 1.55 0.00
RANKINE____ 23646	37.83 -1.92 7.21	33.14 -1.86 6.99	31.48 -2.14 6.95	31.96 -2.09 7.02	28.97 -1.98 7.04	38.12 -1.92 8.00	66.45 -3.66 11.71	61.20 -3.67 11.33	44.41 -2.58 9.15	43.55 -1.35 8.76	39.84 -1.25 8.18	33.07 -1.18 7.13	31.37 -1.19 5.28	27.79 -1.16 5.93	29.12 -1.01 6.08	29.95 -1.36 6.13	32.10 -1.21 3.46	29.92 -1.56 5.78	32.51 -2.57 7.20	41.29 -2.98 8.53	57.36 -2.71 8.92	59.06 -2.00 0.00	66.06 -1.06 0.00	50.62 -0.06 0.00
RAVENSWOOD_GT2_1 24244	48.96 2.00 0.00	43.70 1.71 0.00	42.33 1.75 0.00	42.78 1.71 0.00	39.75 1.75 0.00	50.36 2.32 0.00	85.79 3.97 0.00	80.30 4.11 0.00	59.45 3.31 0.00	56.70 3.04 0.00	52.02 2.75 0.00	43.65 2.27 0.00	40.11 2.28 0.00	37.07 2.18 0.00	38.36 2.15 0.00	39.71 2.28 0.00	39.03 2.27 0.00	39.49 2.24 0.00	44.98 2.70 0.00	56.23 3.43 0.00	73.20 4.21 0.00	64.31 3.26 0.00	70.37 3.25 0.00	53.05 2.37 0.00

RAVENSWOOD_GT2_2 24245	48.96 2.00 0.00	43.70 1.71 0.00	42.33 1.75 0.00	42.78 1.71 0.00	39.75 1.75 0.00	50.36 2.32 0.00	85.79 3.97 0.00	80.30 4.11 0.00	59.45 3.31 0.00	56.70 3.04 0.00	52.02 2.75 0.00	43.65 2.27 0.00	40.11 2.28 0.00	37.07 2.18 0.00	38.36 2.15 0.00	39.71 2.28 0.00	39.03 2.27 0.00	39.49 2.24 0.00	44.98 2.70 0.00	56.23 3.43 0.00	73.20 4.21 0.00	64.31 3.26 0.00	70.37 3.25 0.00	53.05 2.37 0.00
RAVENSWOOD_GT2_3 24246	49.00 2.04 0.00	43.71 1.72 0.00	42.35 1.77 0.00	42.79 1.72 0.00	39.76 1.76 0.00	50.37 2.33 0.00	85.83 4.01 0.00	80.34 4.15 0.00	59.47 3.33 0.00	56.72 3.07 0.00	52.03 2.77 0.00	43.68 2.30 0.00	40.14 2.30 0.00	37.08 2.20 0.00	38.38 2.17 0.00	39.74 2.30 0.00	39.05 2.28 0.00	39.52 2.26 0.00	45.00 2.72 0.00	56.26 3.46 0.00	73.22 4.22 0.00	64.35 3.30 0.00	70.40 3.28 0.00	53.09 2.40 0.00
RAVENSWOOD_GT2_4 24247	49.00 2.04 0.00	43.71 1.72 0.00	42.35 1.77 0.00	42.79 1.72 0.00	39.76 1.76 0.00	50.37 2.33 0.00	85.83 4.01 0.00	80.34 4.15 0.00	59.47 3.33 0.00	56.72 3.07 0.00	52.03 2.77 0.00	43.68 2.30 0.00	40.14 2.30 0.00	37.08 2.20 0.00	38.38 2.17 0.00	39.74 2.30 0.00	39.05 2.28 0.00	39.52 2.26 0.00	45.00 2.72 0.00	56.26 3.46 0.00	73.22 4.22 0.00	64.35 3.30 0.00	70.40 3.28 0.00	53.09 2.40 0.00
RAVENSWOOD_GT3_1 24248	48.97 2.00 0.00	43.70 1.71 0.00	42.33 1.76 0.00	42.78 1.71 0.00	39.75 1.75 0.00	50.36 2.32 0.00	85.79 3.97 0.00	80.31 4.11 0.00	59.45 3.31 0.00	56.70 3.04 0.00	52.02 2.75 0.00	43.65 2.27 0.00	40.11 2.28 0.00	37.07 2.18 0.00	38.36 2.15 0.00	39.71 2.28 0.00	39.03 2.27 0.00	39.51 2.25 0.00	44.98 2.70 0.00	56.24 3.44 0.00	73.20 4.21 0.00	64.31 3.26 0.00	70.38 3.25 0.00	53.05 2.37 0.00
RAVENSWOOD_GT3_2 24249	48.97 2.00 0.00	43.70 1.71 0.00	42.33 1.76 0.00	42.78 1.71 0.00	39.75 1.75 0.00	50.36 2.32 0.00	85.79 3.97 0.00	80.31 4.11 0.00	59.45 3.31 0.00	56.70 3.04 0.00	52.02 2.75 0.00	43.65 2.27 0.00	40.11 2.28 0.00	37.07 2.18 0.00	38.36 2.15 0.00	39.71 2.28 0.00	39.03 2.27 0.00	39.51 2.25 0.00	44.98 2.70 0.00	56.24 3.44 0.00	73.20 4.21 0.00	64.31 3.26 0.00	70.38 3.25 0.00	53.05 2.37 0.00
RAVENSWOOD_GT3_3 24250	49.05 2.08 0.00	43.75 1.76 0.00	42.38 1.81 0.00	42.83 1.76 0.00	39.79 1.79 0.00	50.41 2.37 0.00	85.91 4.09 0.00	80.42 4.23 0.00	59.54 3.40 0.00	56.79 3.13 0.00	52.10 2.83 0.00	43.73 2.35 0.00	40.18 2.34 0.00	37.13 2.24 0.00	38.42 2.21 0.00	39.78 2.35 0.00	39.09 2.33 0.00	39.57 2.31 0.00	45.06 2.78 0.00	56.31 3.52 0.00	73.32 4.32 0.00	64.41 3.35 0.00	70.48 3.36 0.00	53.14 2.45 0.00
RAVENSWOOD_GT3_4 24251	49.05 2.08 0.00	43.75 1.76 0.00	42.38 1.81 0.00	42.83 1.76 0.00	39.79 1.79 0.00	50.41 2.37 0.00	85.91 4.09 0.00	80.42 4.23 0.00	59.54 3.40 0.00	56.79 3.13 0.00	52.10 2.83 0.00	43.73 2.35 0.00	40.18 2.34 0.00	37.13 2.24 0.00	38.42 2.21 0.00	39.78 2.35 0.00	39.09 2.33 0.00	39.57 2.31 0.00	45.06 2.78 0.00	56.31 3.52 0.00	73.32 4.32 0.00	64.41 3.35 0.00	70.48 3.36 0.00	53.14 2.45 0.00
RAVENSWOOD_GT_1 23729	51.34 2.21 -2.17	46.38 1.89 -2.50	45.06 1.92 -2.57	45.39 1.87 -2.45	42.99 1.91 -3.08	51.87 2.51 -1.33	86.05 4.19 -0.04	81.10 4.39 -0.51	60.82 3.56 -1.13	58.43 3.31 -1.46	54.99 3.03 -2.69	48.21 2.52 -4.31	45.55 2.50 -5.21	42.28 2.39 -5.01	45.19 2.36 -6.62	65.14 2.50 -25.21	44.97 2.48 -5.73	61.65 2.46 -21.93	48.52 2.93 -3.31	64.33 3.70 -7.83	78.44 4.47 -4.98	71.39 3.52 -6.82	76.29 3.53 -5.64	60.67 2.60 -7.39
RAVENSWOOD_GT_10 24258	49.21 1.99 -0.25	43.99 1.70 -0.29	42.61 1.74 -0.30	43.05 1.70 -0.28	40.09 1.74 -0.36	50.51 2.31 -0.15	85.80 3.97 0.00	80.36 4.11 -0.06	59.57 3.30 -0.13	56.86 3.03 -0.17	52.23 2.74 -0.23	43.95 2.27 -0.30	40.48 2.27 -0.37	37.59 2.18 -0.53	38.80 2.14 -0.45	39.20 2.28 0.51	39.43 2.26 -0.42	39.39 2.24 0.11	45.26 2.69 -0.28	57.13 3.42 -0.90	73.76 4.20 -0.58	65.10 3.26 -0.79	71.01 3.24 -0.65	53.72 2.36 -0.67
RAVENSWOOD_GT_11 24259	49.21 1.99 -0.25	43.99 1.70 -0.29	42.61 1.74 -0.30	43.05 1.70 -0.28	40.09 1.74 -0.36	50.51 2.31 -0.15	85.80 3.97 0.00	80.36 4.11 -0.06	59.57 3.30 -0.13	56.86 3.03 -0.17	52.23 2.74 -0.23	43.95 2.27 -0.30	40.48 2.27 -0.37	37.59 2.18 -0.53	38.80 2.14 -0.45	39.20 2.28 0.51	39.43 2.26 -0.42	39.39 2.24 0.11	45.26 2.69 -0.28	57.13 3.42 -0.90	73.76 4.20 -0.58	65.10 3.26 -0.79	71.01 3.24 -0.65	53.72 2.36 -0.67
RAVENSWOOD_GT_4 24252	50.61 1.99 -1.65	45.58 1.69 -1.90	44.26 1.73 -1.95	44.63 1.69 -1.87	42.06 1.73 -2.34	51.35 2.30 -1.01	85.82 3.96 -0.03	80.66 4.08 -0.39	60.27 3.27 -0.86	57.77 3.00 -1.11	53.46 2.70 -1.49	45.61 2.24 -1.99	42.50 2.26 -2.40	40.53 2.16 -3.49	41.27 2.12 -2.94	36.31 2.26 3.39	41.75 2.24 -2.75	38.78 2.23 0.70	46.83 2.67 -1.87	62.16 3.39 -5.97	76.96 4.17 -3.80	69.47 3.23 -5.19	74.63 3.21 -4.30	57.46 2.35 -4.43
RAVENSWOOD_GT_5 24254	50.61 1.99 -1.65	45.58 1.69 -1.90	44.26 1.73 -1.95	44.63 1.69 -1.87	42.06 1.73 -2.34	51.35 2.30 -1.01	85.82 3.96 -0.03	80.66 4.08 -0.39	60.27 3.27 -0.86	57.77 3.00 -1.11	53.46 2.70 -1.49	45.61 2.24 -1.99	42.50 2.26 -2.40	40.53 2.16 -3.49	41.27 2.12 -2.94	36.31 2.26 3.39	41.75 2.24 -2.75	38.78 2.23 0.70	46.83 2.67 -1.87	62.16 3.39 -5.97	76.96 4.17 -3.80	69.47 3.23 -5.19	74.63 3.21 -4.30	57.46 2.35 -4.43
RAVENSWOOD_GT_6 24253	50.61 1.99 -1.65	45.58 1.69 -1.90	44.26 1.73 -1.95	44.63 1.69 -1.87	42.06 1.73 -2.34	51.35 2.30 -1.01	85.82 3.96 -0.03	80.66 4.08 -0.39	60.27 3.27 -0.86	57.77 3.00 -1.11	53.46 2.70 -1.49	45.61 2.24 -1.99	42.50 2.26 -2.40	40.53 2.16 -3.49	41.27 2.12 -2.94	36.31 2.26 3.39	41.75 2.24 -2.75	38.78 2.23 0.70	46.83 2.67 -1.87	62.16 3.39 -5.97	76.96 4.17 -3.80	69.47 3.23 -5.19	74.63 3.21 -4.30	57.46 2.35 -4.43
RAVENSWOOD_GT_7 24255	50.61 1.99 -1.65	45.58 1.69 -1.90	44.26 1.73 -1.95	44.63 1.69 -1.87	42.06 1.73 -2.34	51.35 2.30 -1.01	85.82 3.96 -0.03	80.66 4.08 -0.39	60.27 3.27 -0.86	57.77 3.00 -1.11	53.46 2.70 -1.49	45.61 2.24 -1.99	42.50 2.26 -2.40	40.53 2.16 -3.49	41.27 2.12 -2.94	36.31 2.26 3.39	41.75 2.24 -2.75	38.78 2.23 0.70	46.83 2.67 -1.87	62.16 3.39 -5.97	76.96 4.17 -3.80	69.47 3.23 -5.19	74.63 3.21 -4.30	57.46 2.35 -4.43
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	49.21 1.99 -0.25	43.99 1.70 -0.29	42.61 1.74 -0.30	43.05 1.70 -0.28	40.09 1.74 -0.36	50.51 2.31 -0.15	85.80 3.97 0.00	80.36 4.11 -0.06	59.57 3.30 -0.13	56.86 3.03 -0.17	52.23 2.74 -0.23	43.95 2.27 -0.30	40.48 2.27 -0.37	37.59 2.18 -0.53	38.80 2.14 -0.45	39.20 2.28 0.51	39.43 2.26 -0.42	39.39 2.24 0.11	45.26 2.69 -0.28	57.13 3.42 -0.90	73.76 4.20 -0.58	65.10 3.26 -0.79	71.01 3.24 -0.65	53.72 2.36 -0.67

RAVENSWOOD_GT_9 24257	49.21 1.99 -0.25	43.99 1.70 -0.29	42.61 1.74 -0.30	43.05 1.70 -0.28	40.09 1.74 -0.36	50.51 2.31 -0.15	85.80 3.97 0.00	80.36 4.11 -0.06	59.57 3.30 -0.13	56.86 3.03 -0.17	52.23 2.74 -0.23	43.95 2.27 -0.30	40.48 2.27 -0.37	37.59 2.18 -0.53	38.80 2.14 -0.45	39.20 2.28 0.51	39.43 2.26 -0.42	39.39 2.24 0.11	45.26 2.69 -0.28	57.13 3.42 -0.90	73.76 4.20 -0.58	65.10 3.26 -0.79	71.01 3.24 -0.65	53.72 2.36 -0.67
RAVENSWOOD___1 23533	46.95 2.12 2.13	41.34 1.81 2.46	39.89 1.84 2.53	40.45 1.80 2.41	36.81 1.84 3.03	49.15 2.41 1.30	85.85 4.07 0.04	79.95 4.26 0.50	58.48 3.45 1.11	55.41 3.19 1.44	50.24 2.91 1.93	41.24 2.42 2.57	37.14 2.41 3.11	32.67 2.30 4.52	34.67 2.26 3.80	44.21 2.40 -4.38	35.60 2.39 3.55	40.55 2.38 -0.91	42.69 2.83 2.42	48.66 3.57 7.72	68.44 4.35 4.91	57.75 3.41 6.71	64.99 3.42 5.56	47.46 2.51 5.73
RAVENSWOOD___2 23534	46.95 2.12 2.13	41.34 1.81 2.46	39.89 1.84 2.53	40.45 1.80 2.41	36.81 1.84 3.03	49.15 2.41 1.30	85.85 4.07 0.04	79.95 4.26 0.50	58.48 3.45 1.11	55.41 3.19 1.44	50.24 2.91 1.93	41.24 2.42 2.57	37.14 2.41 3.11	32.67 2.30 4.52	34.67 2.26 3.80	44.21 2.40 -4.38	35.60 2.39 3.55	40.55 2.38 -0.91	42.69 2.83 2.42	48.66 3.57 7.72	68.44 4.35 4.91	57.75 3.41 6.71	64.99 3.42 5.56	47.46 2.51 5.73
RAVENSWOOD___3 23535	48.96 1.99 0.00	43.70 1.71 0.00	42.32 1.74 0.00	42.78 1.71 0.00	39.74 1.75 0.00	50.35 2.31 0.00	85.79 3.97 0.00	80.29 4.10 0.00	59.42 3.28 0.00	56.68 3.02 0.00	52.00 2.73 0.00	43.65 2.26 0.00	40.10 2.27 0.00	37.07 2.18 0.00	38.35 2.14 0.00	39.72 2.28 0.00	39.02 2.26 0.00	39.50 2.25 0.00	44.97 2.69 0.00	56.22 3.42 0.00	73.19 4.20 0.00	64.31 3.26 0.00	70.38 3.26 0.00	53.05 2.37 0.00
RAVENSWOOD___4 23820	46.95 2.12 2.13	41.34 1.81 2.46	39.89 1.84 2.53	40.45 1.80 2.41	36.81 1.84 3.03	49.15 2.41 1.30	85.85 4.07 0.04	79.95 4.26 0.50	58.48 3.45 1.11	55.41 3.19 1.44	50.24 2.91 1.93	41.24 2.42 2.57	37.14 2.41 3.11	32.67 2.30 4.52	34.67 2.26 3.80	44.21 2.40 -4.38	35.60 2.39 3.55	40.55 2.38 -0.91	42.69 2.83 2.42	48.66 3.57 7.72	68.44 4.35 4.91	57.75 3.41 6.71	64.99 3.42 5.56	47.46 2.51 5.73
RCPI_TRUST___DRP 24196	48.96 1.99 0.00	43.66 1.67 0.00	42.30 1.72 0.00	42.74 1.67 0.00	39.71 1.71 0.00	50.32 2.28 0.00	85.78 3.96 0.00	80.27 4.08 0.00	59.41 3.27 0.00	56.68 3.02 0.00	51.97 2.70 0.00	43.63 2.25 0.00	40.10 2.27 0.00	37.04 2.16 0.00	38.33 2.12 0.00	39.67 2.24 0.00	39.00 2.24 0.00	39.49 2.23 0.00	44.94 2.66 0.00	56.19 3.39 0.00	73.17 4.17 0.00	64.26 3.21 0.00	70.32 3.20 0.00	53.00 2.32 0.00
RED___ROCHESTER 323720	46.16 -0.81 0.00	41.17 -0.83 0.00	39.57 -1.00 0.00	40.13 -0.94 0.00	37.15 -0.85 0.00	47.42 -0.63 0.00	80.83 -0.99 0.00	75.29 -0.91 0.00	55.72 -0.42 0.00	53.88 0.22 0.00	49.44 0.17 0.00	41.44 0.06 0.00	37.71 -0.12 0.00	34.71 -0.17 0.00	36.11 -0.10 0.00	37.12 -0.31 0.00	36.60 -0.16 0.00	36.92 -0.34 0.00	41.57 -0.71 0.00	52.18 -0.61 0.00	68.81 -0.18 0.00	60.88 -0.17 0.00	67.33 0.20 0.00	51.14 0.46 0.00
REGAN___SOLAR 323812	49.62 2.65 0.00	44.29 2.30 0.00	42.64 2.07 0.00	43.09 2.02 0.00	39.95 1.95 0.00	50.79 2.75 0.00	87.09 5.26 0.00	80.80 4.61 0.00	58.78 2.63 0.00	54.48 0.82 0.00	49.81 0.54 0.00	41.40 0.02 0.00	38.03 0.19 0.00	34.88 0.00 0.00	36.42 0.21 0.00	38.18 0.75 0.00	38.02 1.26 0.00	39.09 1.83 0.00	44.63 2.36 0.00	56.48 3.68 0.00	73.94 4.94 0.00	65.16 4.11 0.00	71.42 4.30 0.00	53.79 3.11 0.00
RENSSELAER___COGEN 23796	47.05 0.08 0.00	42.23 0.24 0.00	40.94 0.37 0.00	41.40 0.33 0.00	38.35 0.35 0.00	48.40 0.37 0.00	82.41 0.59 0.00	76.61 0.41 0.00	56.59 0.45 0.00	54.01 0.35 0.00	49.71 0.44 0.00	41.86 0.48 0.00	38.37 0.53 0.00	35.38 0.49 0.00	36.72 0.51 0.00	38.04 0.60 0.00	37.38 0.61 0.00	37.92 0.66 0.00	42.92 0.63 0.00	53.58 0.78 0.00	69.82 0.83 0.00	61.65 0.59 0.00	67.57 0.44 0.00	50.83 0.14 0.00
REPUBLIC_115KV_BARTNBRK 55605	50.85 3.89 0.00	45.41 3.42 0.00	43.97 3.40 0.00	44.26 3.19 0.00	41.09 3.09 0.00	52.31 4.27 0.00	90.03 8.20 0.00	83.58 7.38 0.00	61.14 5.00 0.00	58.00 4.34 0.00	53.42 4.15 0.00	44.82 3.44 0.00	40.67 2.83 0.00	37.18 2.30 0.00	38.57 2.36 0.00	40.10 2.67 0.00	40.00 3.24 0.00	41.49 4.24 0.00	47.46 5.18 0.00	59.04 6.24 0.00	76.83 7.83 0.00	67.32 6.26 0.00	73.52 6.40 0.00	54.64 3.96 0.00
REVERE_CPPR_DRP 24186	48.08 1.11 0.00	42.78 0.78 0.00	41.33 0.75 0.00	41.84 0.77 0.00	38.74 0.74 0.00	49.23 1.19 0.00	84.73 2.91 0.00	78.95 2.75 0.00	57.97 1.83 0.00	55.51 1.86 0.00	50.79 1.53 0.00	42.40 1.02 0.00	38.68 0.84 0.00	35.61 0.73 0.00	37.09 0.88 0.00	38.45 1.02 0.00	38.04 1.28 0.00	38.62 1.37 0.00	44.06 1.78 0.00	55.24 2.44 0.00	72.06 3.07 0.00	63.65 2.60 0.00	69.92 2.79 0.00	52.53 1.85 0.00
REYNOLDS_115KV_TB3 80639	47.38 0.40 0.00	42.56 0.56 0.00	41.26 0.68 0.00	41.73 0.66 0.00	38.60 0.60 0.00	48.76 0.72 0.00	83.00 1.18 0.00	77.14 0.94 0.00	57.02 0.88 0.00	54.45 0.79 0.00	50.11 0.85 0.00	42.19 0.81 0.00	38.67 0.83 0.00	35.64 0.76 0.00	36.99 0.78 0.00	38.31 0.88 0.00	37.65 0.89 0.00	38.18 0.92 0.00	43.23 0.95 0.00	53.94 1.14 0.00	70.29 1.29 0.00	62.08 1.02 0.00	68.05 0.93 0.00	51.18 0.50 0.00
RIVERBAY____ 323610	48.91 1.94 0.00	43.66 1.67 0.00	42.29 1.71 0.00	42.73 1.66 0.00	39.81 1.82 0.00	50.41 2.37 0.00	85.91 4.09 0.00	80.26 4.07 0.00	59.38 3.24 0.00	56.61 2.95 0.00	51.97 2.70 -0.01	43.62 2.23 -0.01	40.07 2.23 0.00	37.03 2.14 -0.01	38.32 2.10 0.00	39.66 2.24 0.01	33.31 2.21 5.67	39.45 2.20 0.01	44.92 2.64 0.00	56.13 3.33 0.00	73.00 4.01 0.00	64.16 3.11 0.00	70.28 3.16 0.00	52.94 2.25 0.00
RIVERSDE_115KV_TB3 55908	47.24 0.27 0.00	42.42 0.42 0.00	41.12 0.54 0.00	41.59 0.52 0.00	38.50 0.50 0.00	48.61 0.58 0.00	82.78 0.95 0.00	76.95 0.75 0.00	56.87 0.73 0.00	54.29 0.63 0.00	49.98 0.71 0.00	42.09 0.71 0.00	38.58 0.74 0.00	35.55 0.67 0.00	36.90 0.69 0.00	38.22 0.78 0.00	37.56 0.79 0.00	38.10 0.84 0.00	43.13 0.85 0.00	53.82 1.02 0.00	70.12 1.12 0.00	61.92 0.86 0.00	67.86 0.74 0.00	51.05 0.37 0.00
ROARING___BROOK_WT_PWR 323790	46.50 -0.47 0.00	41.06 -0.93 0.00	39.64 -0.94 0.00	40.14 -0.94 0.00	37.02 -0.97 0.00	46.67 -1.37 0.00	79.74 -2.09 0.00	74.26 -1.94 0.00	54.39 -1.75 0.00	51.97 -1.69 0.00	47.84 -1.43 0.00	40.31 -1.07 0.00	36.88 -0.96 0.00	34.04 -0.84 0.00	35.23 -0.98 0.00	36.34 -1.10 0.00	35.69 -1.07 0.00	36.27 -0.98 0.00	41.46 -0.82 1.43	50.09 -1.27 1.56	65.87 -1.58 0.00	59.82 -1.23 0.00	66.07 -1.05 0.00	50.09 -0.59 0.00

ROCHESRG_115KV_T4 355643	43.98 -1.28 1.70	39.11 -1.23 1.65	37.54 -1.39 1.64	38.06 -1.35 1.66	35.09 -1.24 1.66	44.99 -1.16 1.89	77.03 -2.02 2.77	71.55 -1.97 2.68	52.74 -1.22 2.18	51.03 -0.55 2.08	46.83 -0.49 1.94	39.22 -0.48 1.69	35.99 -0.63 1.22	32.91 -0.60 1.38	34.22 -0.56 1.43	35.23 -0.76 1.45	35.33 -0.62 0.82	35.08 -0.81 1.37	39.28 -1.31 1.70	49.38 -1.40 2.01	65.73 -1.16 2.11	60.07 -0.98 0.00	66.50 -0.63 0.00	50.55 -0.13 0.00
ROCHESTER_9_IC 23652	45.92 -1.05 0.00	40.96 -1.03 0.00	39.38 -1.20 0.00	39.93 -1.15 0.00	36.94 -1.05 0.00	47.14 -0.90 0.00	80.32 -1.51 0.00	74.73 -1.47 0.00	55.29 -0.84 0.00	53.48 -0.18 0.00	49.10 -0.16 0.00	41.16 -0.22 0.00	37.45 -0.39 0.00	34.49 -0.39 0.00	35.85 -0.36 0.00	36.87 -0.56 0.00	36.36 -0.40 0.00	36.67 -0.59 0.00	41.24 -1.05 0.00	51.75 -1.05 0.00	68.32 -0.68 0.00	60.49 -0.57 0.00	66.92 -0.20 0.00	50.86 0.17 0.00
ROCKVIEW_13_KV_LD 356306	49.01 2.04 0.00	43.76 1.77 0.00	42.37 1.80 0.00	42.82 1.75 0.00	39.74 1.75 0.00	50.36 2.32 0.00	85.79 3.97 0.00	80.36 4.16 0.00	59.47 3.33 0.00	56.69 3.03 0.00	52.00 2.73 0.00	43.63 2.25 0.00	40.07 2.23 0.00	37.03 2.15 0.00	38.35 2.14 0.00	39.73 2.30 0.00	39.03 2.26 0.00	39.51 2.25 0.00	44.98 2.70 0.00	56.25 3.45 0.00	73.23 4.24 0.00	64.37 3.32 0.00	70.41 3.28 0.00	53.08 2.40 0.00
ROME____115KV_TB2 80656	48.08 1.11 0.00	42.78 0.78 0.00	41.33 0.75 0.00	41.84 0.77 0.00	38.74 0.74 0.00	49.23 1.19 0.00	84.73 2.91 0.00	78.95 2.75 0.00	57.97 1.83 0.00	55.51 1.86 0.00	50.79 1.53 0.00	42.40 1.02 0.00	38.68 0.84 0.00	35.61 0.73 0.00	37.09 0.88 0.00	38.45 1.02 0.00	38.04 1.28 0.00	38.62 1.37 0.00	44.06 1.78 0.00	55.24 2.44 0.00	72.06 3.07 0.00	63.65 2.60 0.00	69.92 2.79 0.00	52.53 1.85 0.00
ROSETON____1 23587	48.26 1.30 0.00	43.17 1.18 0.00	41.82 1.24 0.00	42.29 1.22 0.00	39.22 1.22 0.00	49.66 1.62 0.00	84.59 2.76 0.00	79.11 2.92 0.00	58.48 2.34 0.00	55.71 2.06 0.00	51.07 1.81 0.00	42.88 1.50 0.00	39.35 1.51 0.00	36.34 1.46 0.00	37.68 1.47 0.00	39.04 1.61 0.00	38.33 1.56 0.00	38.81 1.56 0.00	44.16 1.88 0.00	55.22 2.42 0.00	71.92 2.93 0.00	63.32 2.27 0.00	69.33 2.21 0.00	52.25 1.57 0.00
ROSETON____2 23588	48.26 1.30 0.00	43.17 1.18 0.00	41.82 1.24 0.00	42.29 1.22 0.00	39.22 1.22 0.00	49.66 1.62 0.00	84.59 2.76 0.00	79.11 2.92 0.00	58.48 2.34 0.00	55.71 2.06 0.00	51.07 1.81 0.00	42.88 1.50 0.00	39.35 1.51 0.00	36.34 1.46 0.00	37.68 1.47 0.00	39.04 1.61 0.00	38.33 1.56 0.00	38.81 1.56 0.00	44.16 1.88 0.00	55.22 2.42 0.00	71.92 2.93 0.00	63.32 2.27 0.00	69.33 2.21 0.00	52.25 1.57 0.00
ROTRRDAM_115KV_TB3 80664	47.88 0.91 0.00	42.89 0.90 0.00	41.48 0.90 0.00	41.98 0.91 0.00	38.86 0.86 0.00	49.16 1.13 0.00	83.84 2.02 0.00	77.94 1.75 0.00	57.39 1.25 0.00	54.69 1.03 0.00	50.19 0.92 0.00	42.19 0.81 0.00	38.61 0.77 0.00	35.59 0.70 0.00	36.97 0.76 0.00	38.28 0.85 0.00	37.68 0.92 0.00	38.31 1.06 0.00	43.52 1.24 0.00	54.40 1.60 0.00	70.99 2.00 0.00	62.69 1.64 0.00	68.75 1.62 0.00	51.77 1.09 0.00
RUSSELL____1 23602	46.14 -0.83 0.00	41.15 -0.85 0.00	39.55 -1.02 0.00	40.11 -0.96 0.00	37.13 -0.87 0.00	47.38 -0.66 0.00	80.78 -1.05 0.00	75.19 -1.00 0.00	55.64 -0.50 0.00	53.82 0.16 0.00	49.40 0.13 0.00	41.41 0.02 0.00	37.67 -0.17 0.00	34.69 -0.19 0.00	36.05 -0.16 0.00	37.07 -0.36 0.00	36.57 -0.19 0.00	36.89 -0.37 0.00	41.50 -0.78 0.00	52.09 -0.71 0.00	68.79 -0.20 0.00	60.87 -0.19 0.00	67.32 0.19 0.00	51.12 0.44 0.00
RUSSELL____2 23532	46.14 -0.83 0.00	41.15 -0.85 0.00	39.55 -1.02 0.00	40.11 -0.96 0.00	37.13 -0.87 0.00	47.38 -0.66 0.00	80.78 -1.05 0.00	75.19 -1.00 0.00	55.64 -0.50 0.00	53.82 0.16 0.00	49.40 0.13 0.00	41.41 0.02 0.00	37.67 -0.17 0.00	34.69 -0.19 0.00	36.05 -0.16 0.00	37.07 -0.36 0.00	36.57 -0.19 0.00	36.89 -0.37 0.00	41.50 -0.78 0.00	52.09 -0.71 0.00	68.79 -0.20 0.00	60.87 -0.19 0.00	67.32 0.19 0.00	51.12 0.44 0.00
RUSSELL____3 23549	46.14 -0.83 0.00	41.15 -0.85 0.00	39.55 -1.02 0.00	40.11 -0.96 0.00	37.13 -0.87 0.00	47.38 -0.66 0.00	80.78 -1.05 0.00	75.19 -1.00 0.00	55.64 -0.50 0.00	53.82 0.16 0.00	49.40 0.13 0.00	41.41 0.02 0.00	37.67 -0.17 0.00	34.69 -0.19 0.00	36.05 -0.16 0.00	37.07 -0.36 0.00	36.57 -0.19 0.00	36.89 -0.37 0.00	41.50 -0.78 0.00	52.09 -0.71 0.00	68.79 -0.20 0.00	60.87 -0.19 0.00	67.32 0.19 0.00	51.12 0.44 0.00
RUSSELL____4 23556	46.14 -0.83 0.00	41.15 -0.85 0.00	39.55 -1.02 0.00	40.11 -0.96 0.00	37.13 -0.87 0.00	47.38 -0.66 0.00	80.78 -1.05 0.00	75.19 -1.00 0.00	55.64 -0.50 0.00	53.82 0.16 0.00	49.40 0.13 0.00	41.41 0.02 0.00	37.67 -0.17 0.00	34.69 -0.19 0.00	36.05 -0.16 0.00	37.07 -0.36 0.00	36.57 -0.19 0.00	36.89 -0.37 0.00	41.50 -0.78 0.00	52.09 -0.71 0.00	68.79 -0.20 0.00	60.87 -0.19 0.00	67.32 0.19 0.00	51.12 0.44 0.00
RUSSELL____STATION 23914	46.14 -0.83 0.00	41.15 -0.85 0.00	39.55 -1.02 0.00	40.11 -0.96 0.00	37.13 -0.87 0.00	47.38 -0.66 0.00	80.78 -1.05 0.00	75.19 -1.00 0.00	55.64 -0.50 0.00	53.82 0.16 0.00	49.40 0.13 0.00	41.41 0.02 0.00	37.67 -0.17 0.00	34.69 -0.19 0.00	36.05 -0.16 0.00	37.07 -0.36 0.00	36.57 -0.19 0.00	36.89 -0.37 0.00	41.50 -0.78 0.00	52.09 -0.71 0.00	68.79 -0.20 0.00	60.87 -0.19 0.00	67.32 0.19 0.00	51.12 0.44 0.00
S SALMON____HYD 24043	45.83 -1.14 0.00	40.66 -1.33 0.00	39.25 -1.33 0.00	39.76 -1.31 0.00	36.85 -1.15 0.00	46.84 -1.20 0.00	80.51 -1.31 0.00	74.90 -1.29 0.00	55.03 -1.11 0.00	52.70 -0.96 0.00	48.24 -1.03 0.00	40.32 -1.06 0.00	36.76 -1.08 0.00	33.84 -1.04 0.00	35.16 -1.05 0.00	36.28 -1.15 0.00	35.81 -0.96 0.00	36.52 -0.74 0.00	41.73 -0.55 0.00	52.32 -0.43 0.05	68.40 -0.54 0.06	60.51 -0.55 0.00	66.59 -0.53 0.00	50.10 -0.58 0.00
S.PERRY__115KV_TB1 80734	81.99 -0.75 -35.77	76.02 -0.63 -34.66	74.23 -0.84 -34.49	75.11 -0.79 -34.82	72.42 -0.51 -34.93	87.56 -0.17 -39.69	140.07 0.14 -58.11	132.77 0.36 -56.22	101.77 0.13 -45.50	97.32 0.12 -43.53	89.83 -0.09 -40.65	76.35 -0.39 -35.37	63.85 -0.50 -26.51	63.77 -0.65 -29.54	65.60 -0.78 -30.17	66.73 -1.08 -30.38	53.26 -0.67 -17.16	65.23 -0.68 -28.66	77.19 -0.80 -35.71	94.91 -0.19 -42.29	113.84 0.62 -44.22	61.62 0.57 0.00	68.28 1.15 0.00	52.02 1.33 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	36.10 -2.53 8.34	31.51 -2.40 8.08	29.83 -2.70 8.04	30.30 -2.65 8.12	27.34 -2.52 8.14	36.16 -2.63 9.25	63.27 -5.00 13.55	58.10 -4.99 13.11	42.08 -3.46 10.59	41.39 -2.14 10.13	37.88 -1.93 9.46	31.47 -1.67 8.24	30.03 -1.68 6.13	26.46 -1.56 6.86	27.77 -1.41 7.03	28.59 -1.76 7.08	31.15 -1.62 4.00	28.57 -2.00 6.68	30.84 -3.12 8.32	39.22 -3.72 9.86	54.97 -3.71 10.31	58.18 -2.88 0.00	65.10 -2.02 0.00	49.91 -0.78 0.00

SAWYER___23_KV_LOAD 55526	36.10 -2.53 8.34	31.51 -2.40 8.08	29.83 -2.70 8.04	30.30 -2.65 8.12	27.34 -2.52 8.14	36.16 -2.63 9.25	63.27 -5.00 13.55	58.10 -4.99 13.11	42.08 -3.46 10.59	41.39 -2.14 10.13	37.88 -1.93 9.46	31.47 -1.67 8.24	30.03 -1.68 6.13	26.46 -1.56 6.86	27.77 -1.41 7.03	28.59 -1.76 7.08	31.15 -1.62 4.00	28.57 -2.00 6.68	30.84 -3.12 8.32	39.22 -3.72 9.86	54.97 -3.71 10.31	58.18 -2.88 0.00	65.10 -2.02 0.00	49.91 -0.78 0.00
SELKIRK___I 23801	47.49 0.52 0.00	42.60 0.61 0.00	41.28 0.71 0.00	41.78 0.71 0.00	38.68 0.69 0.00	48.86 0.82 0.00	83.17 1.35 0.00	77.22 1.02 0.00	56.88 0.75 0.00	54.17 0.51 0.00	49.78 0.52 0.00	41.97 0.59 0.00	38.46 0.62 0.00	35.43 0.55 0.00	36.85 0.64 0.00	38.15 0.71 0.00	37.48 0.72 0.00	38.09 0.83 0.00	43.18 0.90 0.00	53.95 1.15 0.00	70.33 1.34 0.00	62.10 1.05 0.00	68.13 1.00 0.00	51.32 0.63 0.00
SELKIRK___II 23799	47.29 0.33 0.00	42.41 0.42 0.00	41.10 0.52 0.00	41.59 0.52 0.00	38.50 0.51 0.00	48.62 0.58 0.00	82.77 0.95 0.00	76.97 0.77 0.00	56.83 0.69 0.00	54.21 0.55 0.00	49.85 0.58 0.00	41.94 0.56 0.00	38.43 0.59 0.00	35.45 0.57 0.00	36.81 0.60 0.00	38.14 0.71 0.00	37.45 0.69 0.00	37.98 0.73 0.00	43.05 0.76 0.00	53.76 0.96 0.00	70.08 1.09 0.00	61.89 0.84 0.00	67.86 0.73 0.00	51.09 0.41 0.00
SENECA OSWGO___HYD 24041	46.07 -0.90 0.00	41.15 -0.84 0.00	39.74 -0.84 0.00	40.24 -0.83 0.00	37.29 -0.71 0.00	47.34 -0.70 0.00	80.83 -0.99 0.00	75.32 -0.87 0.00	55.51 -0.63 0.00	53.15 -0.51 0.00	48.71 -0.56 0.00	40.80 -0.58 0.00	37.26 -0.58 0.00	34.38 -0.51 0.00	35.70 -0.51 0.00	36.95 -0.48 0.00	36.33 -0.43 0.00	36.85 -0.41 0.00	41.83 -0.46 0.00	52.30 -0.50 0.00	68.44 -0.55 0.00	60.41 -0.65 0.00	66.39 -0.73 0.00	50.13 -0.56 0.00
SENECA___115KV_TB3 355854	37.90 -1.85 7.21	33.21 -1.80 6.99	31.55 -2.08 6.95	32.03 -2.03 7.02	29.04 -1.92 7.04	38.21 -1.83 8.00	66.60 -3.50 11.71	61.33 -3.53 11.33	44.52 -2.46 9.15	43.66 -1.24 8.76	39.94 -1.15 8.18	33.15 -1.11 7.13	31.44 -1.12 5.28	27.86 -1.09 5.93	29.18 -0.95 6.08	30.03 -1.28 6.13	32.16 -1.15 3.46	29.98 -1.50 5.78	32.59 -2.49 7.20	41.39 -2.88 8.53	57.49 -2.59 8.92	59.18 -1.88 0.00	66.17 -0.95 0.00	50.70 0.02 0.00
SENECA___ENERGY 23797	49.00 -0.41 -2.44	43.96 -0.40 -2.37	42.51 -0.42 -2.36	43.04 -0.41 -2.38	40.18 -0.20 -2.39	50.63 -0.12 -2.71	85.61 -0.18 -3.97	80.02 -0.02 -3.84	59.37 0.12 -3.11	57.02 0.39 -2.97	52.42 0.37 -2.78	43.95 0.15 -2.41	39.69 0.08 -1.76	36.76 -0.09 -1.97	38.18 -0.06 -2.04	39.33 -0.15 -2.06	37.85 -0.08 -1.16	39.15 -0.05 -1.94	44.61 -0.09 -2.42	55.66 -0.01 -2.86	72.20 0.21 -2.99	61.31 0.26 0.00	67.52 0.40 0.00	51.24 0.55 0.00
SHOEMAKER___GT 23640	48.12 1.15 0.00	43.06 1.07 0.00	41.67 1.10 0.00	42.16 1.09 0.00	39.10 1.11 0.00	49.51 1.47 0.00	84.36 2.54 0.00	78.82 2.63 0.00	58.12 1.98 0.00	55.30 1.65 0.00	50.60 1.33 0.00	42.48 1.10 0.00	38.99 1.15 0.00	36.00 1.12 0.00	37.37 1.16 0.00	38.73 1.30 0.00	37.97 1.21 0.00	38.47 1.21 0.00	43.83 1.55 0.00	54.88 2.08 0.00	71.57 2.58 0.00	63.06 2.00 0.00	69.12 1.99 0.00	52.10 1.42 0.00
SHOEMAKR_138KV_BK 111 55601	48.09 1.12 0.00	43.04 1.04 0.00	41.66 1.09 0.00	42.14 1.07 0.00	39.09 1.10 0.00	49.49 1.45 0.00	84.33 2.51 0.00	78.80 2.61 0.00	58.13 1.99 0.00	55.35 1.69 0.00	50.66 1.39 0.00	42.52 1.14 0.00	39.02 1.18 0.00	36.03 1.15 0.00	37.40 1.19 0.00	38.76 1.33 0.00	38.01 1.25 0.00	38.50 1.24 0.00	43.85 1.57 0.00	54.89 2.09 0.00	71.55 2.56 0.00	63.04 1.99 0.00	69.08 1.96 0.00	52.09 1.40 0.00
SHOREHAM_IC_1 23715	53.28 2.07 -4.25	38.86 1.37 4.51	37.62 1.58 4.54	39.62 1.24 2.69	33.17 1.24 6.07	45.32 1.61 4.33	82.81 0.99 0.00	77.91 1.71 0.00	58.15 2.02 0.00	55.55 1.89 0.00	50.97 1.70 0.00	41.63 1.03 0.78	37.04 1.20 2.00	34.33 1.59 2.15	35.70 1.57 2.08	38.04 1.88 1.27	38.62 1.95 0.08	39.76 2.03 -0.48	44.44 2.04 -0.13	55.27 1.87 -0.59	66.87 2.29 4.41	60.30 1.59 2.35	63.14 1.46 5.45	49.45 1.15 2.39
SHOREHAM_IC_2 23716	53.28 2.07 -4.25	38.86 1.37 4.51	37.62 1.58 4.54	39.62 1.24 2.69	33.17 1.24 6.07	45.32 1.61 4.33	82.81 0.99 0.00	77.91 1.71 0.00	58.15 2.02 0.00	55.55 1.89 0.00	50.97 1.70 0.00	41.63 1.03 0.78	37.04 1.20 2.00	34.33 1.59 2.15	35.70 1.57 2.08	38.04 1.88 1.27	38.62 1.95 0.08	39.76 2.03 -0.48	44.44 2.04 -0.13	55.27 1.87 -0.59	66.87 2.29 4.41	60.30 1.59 2.35	63.14 1.46 5.45	49.45 1.15 2.39
SISSONVILLE____ 23735	46.81 -0.15 0.00	41.53 -0.47 0.00	40.02 -0.56 0.00	40.44 -0.63 0.00	37.25 -0.75 0.00	46.89 -1.15 0.00	82.69 -1.86 -2.72	78.39 -1.72 -3.91	57.61 -1.61 -3.07	52.13 -1.53 0.00	48.00 -1.27 0.00	40.44 -0.94 0.00	36.86 -0.98 0.00	34.59 -1.09 -0.80	38.94 -1.34 -4.07	45.19 -1.61 -9.36	44.57 -1.46 -9.26	45.25 -1.35 -9.34	51.10 -1.33 -10.14	61.06 -1.75 -10.02	65.54 -2.74 0.72	59.42 -1.64 0.00	65.60 -1.53 0.00	49.60 -1.09 0.00
SITHE_IND_GS1 24169	45.82 -1.15 0.00	40.94 -1.05 0.00	39.52 -1.05 0.00	40.03 -1.04 0.00	37.06 -0.94 0.00	46.97 -1.07 0.00	80.09 -1.73 0.00	74.59 -1.60 0.00	54.99 -1.15 0.00	52.63 -1.03 0.00	48.29 -0.98 0.00	40.48 -0.90 0.00	36.99 -0.85 0.00	34.09 -0.80 0.00	35.42 -0.78 0.00	36.60 -0.83 0.00	35.96 -0.80 0.00	36.43 -0.83 0.00	41.32 -0.96 0.00	51.65 -1.14 0.00	67.62 -1.37 0.00	59.78 -1.28 0.00	65.76 -1.37 0.00	49.69 -1.00 0.00
SITHE_IND_GS2 24170	45.82 -1.15 0.00	40.94 -1.05 0.00	39.52 -1.05 0.00	40.03 -1.04 0.00	37.06 -0.94 0.00	46.97 -1.07 0.00	80.09 -1.73 0.00	74.59 -1.60 0.00	54.99 -1.15 0.00	52.63 -1.03 0.00	48.29 -0.98 0.00	40.48 -0.90 0.00	36.99 -0.85 0.00	34.09 -0.80 0.00	35.42 -0.78 0.00	36.60 -0.83 0.00	35.96 -0.80 0.00	36.43 -0.83 0.00	41.32 -0.96 0.00	51.65 -1.14 0.00	67.62 -1.37 0.00	59.78 -1.28 0.00	65.76 -1.37 0.00	49.69 -1.00 0.00
SITHE_IND_GS3 24171	45.82 -1.15 0.00	40.94 -1.05 0.00	39.52 -1.05 0.00	40.03 -1.04 0.00	37.06 -0.94 0.00	46.97 -1.07 0.00	80.09 -1.73 0.00	74.59 -1.60 0.00	54.99 -1.15 0.00	52.63 -1.03 0.00	48.29 -0.98 0.00	40.48 -0.90 0.00	36.99 -0.85 0.00	34.09 -0.80 0.00	35.42 -0.78 0.00	36.60 -0.83 0.00	35.96 -0.80 0.00	36.43 -0.83 0.00	41.32 -0.96 0.00	51.65 -1.14 0.00	67.62 -1.37 0.00	59.78 -1.28 0.00	65.76 -1.37 0.00	49.69 -1.00 0.00
SITHE_IND_GS4 24172	45.82 -1.15 0.00	40.94 -1.05 0.00	39.52 -1.05 0.00	40.03 -1.04 0.00	37.06 -0.94 0.00	46.97 -1.07 0.00	80.09 -1.73 0.00	74.59 -1.60 0.00	54.99 -1.15 0.00	52.63 -1.03 0.00	48.29 -0.98 0.00	40.48 -0.90 0.00	36.99 -0.85 0.00	34.09 -0.80 0.00	35.42 -0.78 0.00	36.60 -0.83 0.00	35.96 -0.80 0.00	36.43 -0.83 0.00	41.32 -0.96 0.00	51.65 -1.14 0.00	67.62 -1.37 0.00	59.78 -1.28 0.00	65.76 -1.37 0.00	49.69 -1.00 0.00

SITHE___BATAVIA 24024	39.01 -1.28 6.68	34.27 -1.25 6.47	32.59 -1.54 6.44	33.12 -1.45 6.50	30.17 -1.30 6.52	39.58 -1.05 7.41	69.08 -1.89 10.85	63.88 -1.81 10.51	46.67 -0.92 8.55	45.44 -0.05 8.18	41.47 -0.17 7.64	34.26 -0.51 6.61	32.00 -0.89 4.95	28.33 -1.05 5.50	29.25 -1.33 5.63	29.96 -1.80 5.67	31.99 -1.57 3.21	30.17 -1.73 5.35	33.40 -2.22 6.67	43.38 -1.52 7.90	59.79 -0.95 8.26	60.35 -0.70 0.00	67.15 0.02 0.00	51.22 0.53 0.00
SITHE___INDEPEND 23800	45.82 -1.15 0.00	40.94 -1.06 0.00	39.53 -1.05 0.00	40.03 -1.04 0.00	37.06 -0.94 0.00	46.97 -1.07 0.00	80.09 -1.73 0.00	74.58 -1.62 0.00	54.98 -1.16 0.00	52.63 -1.03 0.00	48.27 -1.00 0.00	40.48 -0.90 0.00	36.99 -0.85 0.00	34.08 -0.80 0.00	35.42 -0.79 0.00	36.60 -0.84 0.00	35.96 -0.81 0.00	36.42 -0.83 0.00	41.31 -0.97 0.00	51.65 -1.15 0.00	67.62 -1.37 0.00	59.77 -1.28 0.00	65.75 -1.37 0.00	49.69 -1.00 0.00
SITHE___MASSENA 23902	47.79 0.82 0.00	42.59 0.60 0.00	41.04 0.47 0.00	41.51 0.44 0.00	38.26 0.26 0.00	48.19 0.15 0.00	82.51 0.05 -0.64	77.18 0.07 -0.92	56.69 -0.17 -0.72	53.53 -0.13 0.00	49.27 0.00 0.00	41.52 0.14 0.00	37.87 0.04 0.00	35.00 -0.07 -0.19	36.92 -0.24 -0.96	39.20 -0.43 -2.20	38.56 -0.38 -2.17	39.08 -0.37 -2.19	44.24 -0.42 -2.38	53.80 -0.70 -1.70	66.94 -1.18 0.87	60.71 -0.34 0.00	67.00 -0.13 0.00	50.76 0.08 0.00
SITHE___OGDNSBRG 24021	48.24 1.27 0.00	42.95 0.96 0.00	41.38 0.81 0.00	41.86 0.79 0.00	38.59 0.59 0.00	48.64 0.60 0.00	84.77 1.03 -1.91	79.98 1.04 -2.75	58.70 0.40 -2.16	54.04 0.38 0.00	49.74 0.48 0.00	41.89 0.51 0.00	38.20 0.36 0.00	35.52 0.08 -0.56	38.87 -0.20 -2.86	43.54 -0.47 -6.58	42.92 -0.35 -6.51	43.58 -0.24 -6.57	49.38 -0.03 -7.13	59.49 -0.09 -6.79	67.82 -0.40 0.78	61.44 0.38 0.00	67.80 0.68 0.00	51.31 0.63 0.00
SITHE___STERLING 23777	47.78 0.81 0.00	42.59 0.59 0.00	41.13 0.55 0.00	41.65 0.58 0.00	38.58 0.59 0.00	49.00 0.96 0.00	84.07 2.25 0.00	78.37 2.17 0.00	57.64 1.50 0.00	55.17 1.51 0.00	50.50 1.23 0.00	42.21 0.82 0.00	38.47 0.63 0.00	35.46 0.58 0.00	36.92 0.71 0.00	38.31 0.88 0.00	37.80 1.03 0.00	38.33 1.07 0.00	43.61 1.33 0.00	54.63 1.83 0.00	71.37 2.37 0.00	63.00 1.94 0.00	69.20 2.07 0.00	52.10 1.42 0.00
SLEIGHT__34_KV_TB1 80719	46.13 -0.84 0.00	41.17 -0.83 0.00	39.67 -0.91 0.00	40.19 -0.88 0.00	37.24 -0.76 0.00	47.46 -0.58 0.00	81.05 -0.78 0.00	75.49 -0.71 0.00	55.81 -0.33 0.00	53.79 0.13 0.00	49.35 0.09 0.00	41.34 -0.04 0.00	37.69 -0.15 0.00	34.69 -0.19 0.00	36.07 -0.14 0.00	37.14 -0.30 0.00	36.54 -0.22 0.00	36.95 -0.31 0.00	41.77 -0.52 0.00	52.34 -0.46 0.00	68.85 -0.14 0.00	60.82 -0.23 0.00	67.06 -0.06 0.00	50.83 0.15 0.00
SOUTH CAIRO___GT 23612	48.68 1.71 0.00	43.64 1.65 0.00	42.27 1.70 0.00	42.78 1.71 0.00	39.62 1.62 0.00	50.15 2.11 0.00	85.86 4.04 0.00	79.78 3.59 0.00	58.64 2.50 0.00	55.37 1.71 0.00	50.75 1.48 0.00	42.76 1.37 0.00	39.12 1.28 0.00	36.07 1.18 0.00	37.42 1.21 0.00	38.89 1.46 0.00	38.33 1.57 0.00	39.14 1.89 0.00	44.61 2.33 0.00	56.11 3.31 0.00	73.26 4.27 0.00	64.52 3.47 0.00	70.56 3.43 0.00	52.98 2.30 0.00
SOUTH HAMPTN___IC 23720	53.67 2.54 -4.17	39.27 1.86 4.59	38.15 2.18 4.61	40.29 1.95 2.73	33.74 1.91 6.17	46.05 2.42 4.40	84.42 2.60 0.00	79.53 3.34 0.00	59.26 3.12 0.00	56.51 2.85 0.00	51.76 2.50 0.00	42.20 1.61 0.79	37.50 1.69 2.03	34.79 2.09 2.18	36.19 2.10 2.11	38.57 2.44 1.30	39.20 2.56 0.11	40.39 2.66 -0.47	44.61 2.20 -0.12	55.42 2.11 -0.52	67.12 2.61 4.49	60.47 1.87 2.45	63.30 1.71 5.53	49.52 1.30 2.46
SOUTHDOW_115KV_TB1 355954	43.86 -0.55 2.56	38.88 -0.63 2.48	37.24 -0.87 2.47	37.83 -0.76 2.49	34.76 -0.73 2.50	45.15 -0.05 2.84	78.17 0.50 4.15	72.36 0.18 4.02	52.92 0.02 3.23	51.54 0.98 3.10	46.86 0.48 2.89	38.90 0.04 2.53	35.91 -0.08 1.85	32.46 -0.33 2.09	33.82 -0.23 2.16	34.65 -0.61 2.17	35.09 -0.45 1.23	34.44 -0.77 2.05	38.42 -1.31 2.55	48.76 -1.02 3.02	66.00 0.17 3.16	61.96 0.91 0.00	69.38 2.26 0.00	53.13 2.45 0.00
SOUTHOLD_69_KV_BK 2 55809	53.88 2.74 -4.17	39.61 2.21 4.59	38.58 2.62 4.61	40.79 2.45 2.73	34.18 2.35 6.17	46.60 2.96 4.40	85.49 3.67 0.00	80.69 4.49 0.00	60.10 3.97 0.00	57.23 3.57 0.00	52.38 3.12 0.00	42.58 2.00 0.79	37.79 1.98 2.03	35.14 2.44 2.18	36.56 2.46 2.11	38.96 2.83 1.30	39.64 2.99 0.11	40.89 3.16 -0.47	44.49 2.08 -0.12	55.19 1.87 -0.52	66.75 2.25 4.49	60.12 1.51 2.44	62.86 1.26 5.53	49.12 0.90 2.46
SOUTHOLD___IC 23719	53.88 2.75 -4.17	39.51 2.10 4.59	38.54 2.57 4.61	40.75 2.41 2.73	34.18 2.34 6.17	46.57 2.93 4.40	85.47 3.65 0.00	80.67 4.48 0.00	60.09 3.95 0.00	57.21 3.55 0.00	52.35 3.08 0.00	42.57 1.98 0.79	37.79 1.98 2.03	35.14 2.43 2.18	36.55 2.45 2.11	38.95 2.82 1.30	39.63 2.98 0.11	40.88 3.15 -0.47	44.46 2.06 -0.12	55.13 1.81 -0.52	66.75 2.24 4.49	60.12 1.51 2.44	62.85 1.25 5.53	49.12 0.89 2.46
SOUTH_FORK_WT_PWR 323839	53.69 2.56 -4.17	39.41 2.01 4.59	38.57 2.60 4.61	40.85 2.52 2.73	34.24 2.41 6.17	46.62 2.99 4.40	85.65 3.83 0.00	80.91 4.72 0.00	60.25 4.12 0.00	57.35 3.69 0.00	52.48 3.21 0.00	42.59 2.01 0.79	37.78 1.97 2.03	35.21 2.51 2.18	36.62 2.53 2.11	39.03 2.90 1.30	39.72 3.07 0.11	40.99 3.26 -0.47	43.95 1.54 -0.12	54.31 1.00 -0.52	65.66 1.16 4.49	59.15 0.54 2.44	61.77 0.17 5.53	48.30 0.07 2.46
SPIERFLS_115KV_TB 1 80737	48.99 2.02 0.00	43.90 1.90 0.00	42.46 1.88 0.00	42.92 1.85 0.00	39.74 1.74 0.00	50.44 2.40 0.00	86.33 4.51 0.00	80.25 4.05 0.00	58.93 2.79 0.00	56.17 2.51 0.00	51.55 2.28 0.00	43.38 1.99 0.00	39.56 1.72 0.00	36.35 1.46 0.00	37.68 1.47 0.00	39.03 1.59 0.00	38.67 1.91 0.00	39.64 2.39 0.00	45.12 2.83 0.00	56.31 3.51 0.00	73.44 4.45 0.00	64.66 3.61 0.00	70.78 3.66 0.00	53.05 2.36 0.00
ST LAWRENCE____ 23600	47.22 0.26 0.00	42.13 0.14 0.00	40.60 0.03 0.00	41.07 0.00 0.00	37.86 -0.14 0.00	47.67 -0.37 0.00	80.94 -0.88 0.00	75.40 -0.79 0.00	55.39 -0.75 0.00	52.96 -0.70 0.00	48.75 -0.52 0.00	41.09 -0.30 0.00	37.49 -0.35 0.00	34.47 -0.41 0.00	35.64 -0.57 0.00	36.71 -0.72 0.00	36.07 -0.70 0.00	36.55 -0.71 0.00	41.44 -0.85 0.00	50.73 -1.23 0.84	66.53 -1.55 0.91	60.08 -0.97 0.00	66.27 -0.86 0.00	50.19 -0.50 0.00
STATE_CA_115KV_115_LB 55624	47.31 0.34 0.00	42.45 0.46 0.00	41.14 0.57 0.00	41.61 0.54 0.00	38.54 0.55 0.00	48.67 0.63 0.00	82.91 1.09 0.00	77.11 0.91 0.00	56.94 0.80 0.00	54.38 0.72 0.00	50.05 0.78 0.00	42.15 0.77 0.00	38.62 0.78 0.00	35.59 0.70 0.00	36.96 0.75 0.00	38.28 0.84 0.00	37.63 0.87 0.00	38.18 0.92 0.00	43.21 0.93 0.00	53.94 1.14 0.00	70.30 1.30 0.00	62.04 0.98 0.00	67.98 0.85 0.00	51.14 0.45 0.00

STATE_ST_34_KV_LOAD 55959	47.25 0.28 0.00	42.19 0.19 0.00	40.75 0.17 0.00	41.28 0.21 0.00	38.27 0.27 0.00	48.61 0.57 0.00	82.93 1.11 0.00	77.17 0.98 0.00	57.04 0.89 0.00	54.64 0.99 0.00	50.09 0.82 0.00	41.88 0.50 0.00	38.20 0.36 0.00	35.16 0.27 0.00	36.60 0.39 0.00	37.82 0.38 0.00	37.06 0.30 0.00	37.61 0.35 0.00	42.70 0.42 0.00	53.54 0.74 0.00	70.19 1.20 0.00	62.00 0.94 0.00	68.16 1.04 0.00	51.56 0.87 0.00
STATION_5_MISC_HYD 23604	45.94 -1.03 0.00	40.98 -1.02 0.00	39.39 -1.19 0.00	39.94 -1.13 0.00	36.98 -1.02 0.00	47.16 -0.88 0.00	80.37 -1.45 0.00	74.83 -1.37 0.00	55.38 -0.76 0.00	53.55 -0.11 0.00	49.15 -0.12 0.00	41.19 -0.19 0.00	37.49 -0.35 0.00	34.51 -0.37 0.00	35.91 -0.30 0.00	36.92 -0.51 0.00	36.39 -0.37 0.00	36.70 -0.56 0.00	41.30 -0.98 0.00	51.83 -0.97 0.00	68.37 -0.63 0.00	60.50 -0.55 0.00	66.93 -0.20 0.00	50.87 0.19 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	46.67 -0.30 0.00	41.66 -0.33 0.00	40.15 -0.43 0.00	40.70 -0.37 0.00	37.78 -0.22 0.00	48.09 0.04 0.00	82.02 0.19 0.00	76.48 0.29 0.00	56.52 0.38 0.00	54.43 0.78 0.00	49.94 0.67 0.00	41.82 0.44 0.00	37.74 -0.10 0.00	34.70 -0.18 0.00	35.97 -0.24 0.00	37.03 -0.40 0.00	36.53 -0.23 0.00	36.98 -0.28 0.00	41.82 -0.46 0.00	52.38 -0.42 0.00	68.87 -0.12 0.00	60.97 -0.09 0.00	67.23 0.11 0.00	51.06 0.38 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	45.73 -1.23 0.00	40.79 -1.20 0.00	39.23 -1.35 0.00	39.77 -1.30 0.00	36.82 -1.18 0.00	46.95 -1.09 0.00	79.98 -1.84 0.00	74.46 -1.73 0.00	55.08 -1.06 0.00	53.26 -0.41 0.00	48.90 -0.37 0.00	40.99 -0.40 0.00	37.32 -0.52 0.00	34.36 -0.52 0.00	35.72 -0.49 0.00	36.75 -0.69 0.00	36.23 -0.53 0.00	36.56 -0.70 0.00	41.14 -1.15 0.00	51.60 -1.20 0.00	68.06 -0.93 0.00	60.23 -0.82 0.00	66.60 -0.53 0.00	50.59 -0.09 0.00
STA_56___34_KV_BUS2 355983	45.73 -1.23 0.00	40.79 -1.20 0.00	39.23 -1.35 0.00	39.77 -1.30 0.00	36.82 -1.18 0.00	46.95 -1.09 0.00	79.98 -1.84 0.00	74.46 -1.73 0.00	55.08 -1.06 0.00	53.26 -0.41 0.00	48.90 -0.37 0.00	40.99 -0.40 0.00	37.32 -0.52 0.00	34.36 -0.52 0.00	35.72 -0.49 0.00	36.75 -0.69 0.00	36.23 -0.53 0.00	36.56 -0.70 0.00	41.14 -1.15 0.00	51.60 -1.20 0.00	68.06 -0.93 0.00	60.23 -0.82 0.00	66.60 -0.53 0.00	50.59 -0.09 0.00
STA_67___115KV_BK2 355882	45.83 -1.14 0.00	40.87 -1.12 0.00	39.30 -1.28 0.00	39.84 -1.23 0.00	36.87 -1.13 0.00	47.02 -1.01 0.00	80.09 -1.73 0.00	74.53 -1.66 0.00	55.14 -1.00 0.00	53.33 -0.33 0.00	48.96 -0.31 0.00	41.06 -0.32 0.00	37.36 -0.48 0.00	34.40 -0.48 0.00	35.77 -0.44 0.00	36.79 -0.64 0.00	36.27 -0.49 0.00	36.57 -0.68 0.00	41.13 -1.15 0.00	51.60 -1.20 0.00	68.12 -0.87 0.00	60.32 -0.73 0.00	66.75 -0.37 0.00	50.73 0.05 0.00
STA_7___115KV_9TRANS 80674	46.14 -0.83 0.00	41.15 -0.85 0.00	39.55 -1.02 0.00	40.11 -0.96 0.00	37.13 -0.87 0.00	47.38 -0.66 0.00	80.78 -1.05 0.00	75.19 -1.00 0.00	55.64 -0.50 0.00	53.82 0.16 0.00	49.40 0.13 0.00	41.41 0.02 0.00	37.67 -0.17 0.00	34.69 -0.19 0.00	36.05 -0.16 0.00	37.07 -0.36 0.00	36.57 -0.19 0.00	36.89 -0.37 0.00	41.50 -0.78 0.00	52.09 -0.71 0.00	68.79 -0.20 0.00	60.87 -0.19 0.00	67.32 0.19 0.00	51.12 0.44 0.00
STA_82___115KV_TB1 80780	45.83 -1.14 0.00	40.87 -1.12 0.00	39.29 -1.29 0.00	39.84 -1.23 0.00	36.87 -1.13 0.00	47.02 -1.01 0.00	80.09 -1.73 0.00	74.53 -1.66 0.00	55.14 -1.00 0.00	53.34 -0.32 0.00	48.96 -0.30 0.00	41.05 -0.33 0.00	37.35 -0.49 0.00	34.40 -0.49 0.00	35.76 -0.45 0.00	36.77 -0.66 0.00	36.26 -0.51 0.00	36.57 -0.69 0.00	41.12 -1.17 0.00	51.60 -1.20 0.00	68.13 -0.86 0.00	60.32 -0.73 0.00	66.75 -0.37 0.00	50.73 0.05 0.00
STEEL___WIND 323596	37.83 -1.92 7.21	33.17 -1.83 6.99	31.50 -2.12 6.95	31.99 -2.07 7.02	28.99 -1.96 7.04	38.17 -1.87 8.00	66.57 -3.54 11.71	61.33 -3.53 11.33	44.55 -2.44 9.15	43.64 -1.26 8.76	39.91 -1.18 8.18	33.12 -1.14 7.13	31.39 -1.17 5.28	27.82 -1.14 5.93	29.20 -0.92 6.08	30.02 -1.29 6.13	32.14 -1.16 3.46	29.95 -1.53 5.78	32.62 -2.46 7.20	41.43 -2.84 8.53	57.42 -2.66 8.92	59.11 -1.94 0.00	66.08 -1.05 0.00	50.68 0.00 0.00
STEPHTWN_115KV_BK_2 55603	47.56 0.59 0.00	42.75 0.76 0.00	41.36 0.78 0.00	41.85 0.78 0.00	38.79 0.80 0.00	49.09 1.05 0.00	83.68 1.85 0.00	77.85 1.65 0.00	57.35 1.21 0.00	54.70 1.05 0.00	50.17 0.90 0.00	42.35 0.97 0.00	38.89 1.05 0.00	35.78 0.89 0.00	37.16 0.95 0.00	38.58 1.15 0.00	38.00 1.24 0.00	38.58 1.32 0.00	43.70 1.42 0.00	54.55 1.76 0.00	71.10 2.11 0.00	62.61 1.56 0.00	68.57 1.45 0.00	51.54 0.86 0.00
STEUBEN_REC_LFGE 323667	67.48 -3.19 -23.70	62.64 -2.32 -22.96	60.67 -2.75 -22.85	61.40 -2.74 -23.07	58.97 -2.17 -23.14	71.71 -2.62 -26.29	115.89 -4.42 -38.49	109.58 -3.86 -37.25	83.35 -2.93 -30.15	79.86 -2.65 -28.84	73.68 -2.53 -26.94	62.42 -2.39 -23.43	53.06 -2.33 -17.55	52.05 -2.39 -19.55	53.60 -2.58 -19.98	54.54 -3.01 -20.12	45.40 -2.73 -11.37	53.55 -2.69 -18.98	63.03 -2.90 -23.65	77.52 -3.29 -28.01	94.50 -3.78 -29.29	57.84 -3.22 0.00	64.75 -2.38 0.00	50.05 -0.63 0.00
STILLWATER___SOLAR 323814	48.51 1.54 0.00	43.54 1.54 0.00	42.10 1.52 0.00	42.59 1.52 0.00	39.41 1.41 0.00	49.96 1.92 0.00	85.29 3.47 0.00	79.29 3.10 0.00	58.27 2.13 0.00	55.57 1.91 0.00	51.00 1.73 0.00	42.93 1.55 0.00	39.21 1.37 0.00	36.07 1.19 0.00	37.43 1.22 0.00	38.78 1.34 0.00	38.33 1.57 0.00	39.11 1.85 0.00	44.45 2.17 0.00	55.49 2.69 0.00	72.39 3.39 0.00	63.86 2.81 0.00	69.95 2.83 0.00	52.52 1.84 0.00
STONY___BROOK 24151	53.77 2.36 -4.44	39.45 1.77 4.31	38.14 1.93 4.36	40.19 1.71 2.58	33.87 1.71 5.84	45.89 2.02 4.17	83.93 2.11 0.00	78.93 2.74 0.00	58.50 2.36 0.00	55.70 2.04 0.00	51.04 1.78 0.00	41.99 1.37 0.75	37.48 1.56 1.93	34.67 1.85 2.07	36.06 1.85 2.00	38.39 2.16 1.20	38.94 2.19 0.02	39.97 2.21 -0.50	44.84 2.43 -0.13	56.37 2.80 -0.77	68.26 3.50 4.23	61.60 2.67 2.12	64.51 2.64 5.26	50.48 2.02 2.22
STURGEON_POOL_HYD 23609	48.54 1.57 0.00	43.41 1.42 0.00	42.04 1.47 0.00	42.53 1.46 0.00	39.46 1.46 0.00	49.94 1.90 0.00	85.11 3.28 0.00	79.61 3.41 0.00	58.80 2.65 0.00	55.96 2.30 0.00	51.22 1.95 0.00	42.94 1.55 0.00	39.41 1.57 0.00	36.48 1.59 0.00	37.84 1.63 0.00	39.22 1.79 0.00	38.50 1.73 0.00	38.97 1.72 0.00	44.41 2.13 0.00	55.62 2.82 0.00	72.47 3.48 0.00	63.79 2.74 0.00	69.80 2.68 0.00	52.61 1.93 0.00
ST_LAW_115_BK7_LBMP 345037	47.23 0.26 0.00	42.14 0.15 0.00	40.61 0.04 0.00	41.07 0.00 0.00	37.86 -0.14 0.00	47.66 -0.38 0.00	80.94 -0.88 0.00	75.39 -0.80 0.00	55.37 -0.77 0.00	52.94 -0.72 0.00	48.73 -0.53 0.00	41.08 -0.31 0.00	37.48 -0.36 0.00	34.47 -0.42 0.00	35.62 -0.59 0.00	36.68 -0.76 0.00	36.03 -0.73 0.00	36.51 -0.75 0.00	41.40 -0.88 0.00	50.68 -1.29 0.83	66.44 -1.65 0.90	60.03 -1.03 0.00	66.21 -0.91 0.00	50.17 -0.51 0.00

ST_LAW_115_BK8_LBMP 345038	47.23 0.26 0.00	42.14 0.15 0.00	40.61 0.04 0.00	41.07 0.00 0.00	37.86 -0.14 0.00	47.66 -0.38 0.00	80.94 -0.88 0.00	75.39 -0.80 0.00	55.37 -0.77 0.00	52.94 -0.72 0.00	48.73 -0.53 0.00	41.08 -0.31 0.00	37.48 -0.36 0.00	34.47 -0.42 0.00	35.62 -0.59 0.00	36.68 -0.76 0.00	36.03 -0.73 0.00	36.51 -0.75 0.00	41.40 -0.88 0.00	50.68 -1.29 0.83	66.44 -1.65 0.90	60.03 -1.03 0.00	66.21 -0.91 0.00	50.17 -0.51 0.00
ST_LAW_230_BK5_LBMP 345035	47.22 0.26 0.00	42.13 0.14 0.00	40.60 0.03 0.00	41.07 0.00 0.00	37.86 -0.14 0.00	47.67 -0.37 0.00	80.94 -0.88 0.00	75.40 -0.79 0.00	55.39 -0.75 0.00	52.96 -0.70 0.00	48.75 -0.52 0.00	41.09 -0.30 0.00	37.49 -0.35 0.00	34.47 -0.41 0.00	35.64 -0.57 0.00	36.71 -0.72 0.00	36.07 -0.70 0.00	36.55 -0.71 0.00	41.44 -0.85 0.00	50.72 -1.23 0.85	66.52 -1.55 0.92	60.08 -0.97 0.00	66.27 -0.86 0.00	50.19 -0.50 0.00
ST_LAW_230_BK6_LBMP 345036	47.22 0.26 0.00	42.13 0.14 0.00	40.60 0.03 0.00	41.07 0.00 0.00	37.86 -0.14 0.00	47.67 -0.37 0.00	80.94 -0.88 0.00	75.40 -0.79 0.00	55.39 -0.75 0.00	52.96 -0.70 0.00	48.75 -0.52 0.00	41.09 -0.30 0.00	37.49 -0.35 0.00	34.47 -0.41 0.00	35.64 -0.57 0.00	36.71 -0.72 0.00	36.07 -0.70 0.00	36.55 -0.71 0.00	41.44 -0.85 0.00	50.72 -1.23 0.85	66.52 -1.55 0.92	60.08 -0.97 0.00	66.27 -0.86 0.00	50.19 -0.50 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	48.22 1.25 0.00	43.15 1.15 0.00	41.78 1.20 0.00	42.25 1.18 0.00	39.20 1.21 0.00	49.67 1.63 0.00	84.65 2.83 0.00	79.16 2.97 0.00	58.42 2.28 0.00	55.67 2.01 0.00	50.97 1.70 0.00	42.77 1.39 0.00	39.24 1.40 0.00	36.25 1.37 0.00	37.63 1.42 0.00	38.97 1.54 0.00	38.24 1.48 0.00	38.74 1.48 0.00	44.11 1.82 0.00	55.17 2.37 0.00	71.88 2.89 0.00	63.30 2.24 0.00	69.28 2.16 0.00	52.26 1.57 0.00
SWANROAD_115KV_TB1 355699	34.20 -3.70 9.07	29.76 -3.45 8.78	28.11 -3.73 8.74	28.57 -3.67 8.83	25.68 -3.46 8.85	34.11 -3.87 10.06	59.83 -7.26 14.73	54.78 -7.17 14.24	39.64 -5.00 11.50	39.06 -3.60 11.00	35.77 -3.23 10.27	29.69 -2.72 8.96	28.39 -2.74 6.71	24.93 -2.48 7.47	26.18 -2.38 7.64	26.98 -2.75 7.70	29.82 -2.59 4.35	27.03 -2.97 7.26	28.98 -4.25 9.05	36.96 -5.12 10.72	52.24 -5.55 11.21	56.60 -4.45 0.00	63.55 -3.58 0.00	48.70 -1.99 0.00
SYNERGY___BIOGAS 323694	38.97 -1.31 6.68	34.23 -1.28 6.47	32.56 -1.57 6.44	33.08 -1.49 6.50	30.13 -1.34 6.52	39.54 -1.09 7.41	68.98 -1.99 10.85	63.72 -1.97 10.51	46.53 -1.07 8.55	45.34 -0.14 8.18	41.40 -0.23 7.64	34.20 -0.57 6.61	31.95 -0.94 4.95	28.30 -1.08 5.50	29.15 -1.42 5.63	29.89 -1.87 5.67	31.94 -1.62 3.21	30.13 -1.78 5.35	33.30 -2.32 6.67	43.24 -1.66 7.90	59.74 -0.99 8.26	60.32 -0.73 0.00	67.15 0.02 0.00	51.20 0.52 0.00
SYRACUSE___ENERGY_ST1 323597	46.85 -0.12 0.00	41.86 -0.14 0.00	40.43 -0.15 0.00	40.96 -0.12 0.00	37.95 -0.05 0.00	48.17 0.13 0.00	82.24 0.42 0.00	76.62 0.43 0.00	56.50 0.37 0.00	54.11 0.45 0.00	49.61 0.34 0.00	41.55 0.16 0.00	37.95 0.11 0.00	34.97 0.09 0.00	36.38 0.17 0.00	37.60 0.17 0.00	36.93 0.16 0.00	37.41 0.15 0.00	42.46 0.18 0.00	53.11 0.31 0.00	69.56 0.57 0.00	61.41 0.35 0.00	67.52 0.39 0.00	50.99 0.31 0.00
SYRACUSE___ENERGY_ST2 323598	46.85 -0.12 0.00	41.86 -0.14 0.00	40.43 -0.15 0.00	40.96 -0.12 0.00	37.95 -0.05 0.00	48.17 0.13 0.00	82.24 0.42 0.00	76.62 0.43 0.00	56.50 0.37 0.00	54.11 0.45 0.00	49.61 0.34 0.00	41.55 0.16 0.00	37.95 0.11 0.00	34.97 0.09 0.00	36.38 0.17 0.00	37.60 0.17 0.00	36.93 0.16 0.00	37.41 0.15 0.00	42.46 0.18 0.00	53.11 0.31 0.00	69.56 0.57 0.00	61.41 0.35 0.00	67.52 0.39 0.00	50.99 0.31 0.00
SYRACUSE___POWER 24017	46.84 -0.13 0.00	41.84 -0.16 0.00	40.40 -0.18 0.00	40.92 -0.15 0.00	37.93 -0.07 0.00	48.15 0.11 0.00	82.22 0.39 0.00	76.65 0.45 0.00	56.50 0.37 0.00	54.14 0.48 0.00	49.63 0.36 0.00	41.55 0.17 0.00	37.95 0.11 0.00	34.97 0.09 0.00	36.39 0.18 0.00	37.62 0.19 0.00	36.95 0.19 0.00	37.43 0.17 0.00	42.46 0.18 0.00	53.14 0.34 0.00	69.59 0.60 0.00	61.44 0.38 0.00	67.54 0.42 0.00	51.01 0.33 0.00
TALLMAN___138KV_BK151 55660	48.36 1.39 0.00	43.24 1.25 0.00	41.88 1.31 0.00	42.33 1.26 0.00	39.31 1.31 0.00	49.87 1.83 0.00	84.97 3.15 0.00	79.52 3.32 0.00	58.70 2.56 0.00	55.95 2.29 0.00	51.24 1.97 0.00	42.99 1.61 0.00	39.44 1.60 0.00	36.44 1.55 0.00	37.80 1.59 0.00	39.15 1.72 0.00	38.40 1.64 0.00	38.87 1.61 0.00	44.26 1.98 0.00	55.36 2.56 0.00	72.08 3.08 0.00	63.44 2.39 0.00	69.42 2.30 0.00	52.36 1.67 0.00
TEALLAVE_115KV_TB7 355573	46.58 -0.39 0.00	41.61 -0.38 0.00	40.18 -0.39 0.00	40.70 -0.37 0.00	37.72 -0.28 0.00	47.87 -0.17 0.00	81.73 -0.09 0.00	76.18 -0.02 0.00	56.17 0.03 0.00	53.84 0.18 0.00	49.36 0.10 0.00	41.34 -0.04 0.00	37.76 -0.08 0.00	34.81 -0.08 0.00	36.22 0.01 0.00	37.43 0.00 0.00	36.78 0.02 0.00	37.23 -0.03 0.00	42.22 -0.06 0.00	52.82 0.02 0.00	69.18 0.18 0.00	61.08 0.03 0.00	67.17 0.05 0.00	50.73 0.05 0.00
TELGRAPH_34_KV_EAST 80808	36.21 -2.48 8.28	31.62 -2.35 8.02	29.97 -2.62 7.98	30.45 -2.56 8.06	27.53 -2.39 8.08	36.39 -2.47 9.18	63.73 -4.65 13.44	58.62 -4.56 13.01	42.68 -2.87 10.59	41.81 -1.72 10.13	38.24 -1.57 9.46	31.63 -1.56 8.19	29.92 -1.78 6.15	26.38 -1.69 6.82	27.61 -1.63 6.98	28.45 -1.95 7.03	31.00 -1.80 3.97	28.55 -2.08 6.63	30.96 -3.06 8.26	39.65 -3.36 9.78	55.48 -3.28 10.23	58.45 -2.60 0.00	65.33 -1.80 0.00	49.96 -0.73 0.00
TEMPLE___115KV_TB 2 55572	46.60 -0.36 0.00	41.63 -0.36 0.00	40.20 -0.37 0.00	40.73 -0.34 0.00	37.74 -0.26 0.00	47.90 -0.14 0.00	81.79 -0.03 0.00	76.22 0.03 0.00	56.22 0.08 0.00	53.87 0.21 0.00	49.40 0.14 0.00	41.38 0.00 0.00	37.80 -0.05 0.00	34.84 -0.04 0.00	36.24 0.04 0.00	37.47 0.04 0.00	36.80 0.04 0.00	37.26 0.00 0.00	42.25 -0.03 0.00	52.84 0.05 0.00	69.22 0.22 0.00	61.10 0.05 0.00	67.21 0.09 0.00	50.76 0.08 0.00
TIANA____69_KV_BK 1 55817	53.61 2.48 -4.17	39.30 1.89 4.59	38.08 2.12 4.61	40.18 1.84 2.73	33.62 1.79 6.17	45.92 2.28 4.40	84.12 2.30 0.00	79.22 3.02 0.00	59.06 2.92 0.00	56.32 2.66 0.00	51.61 2.35 0.00	42.09 1.51 0.79	37.41 1.61 2.03	34.68 1.98 2.18	36.08 1.98 2.11	38.45 2.32 1.30	39.08 2.43 0.11	40.25 2.52 -0.47	44.68 2.28 -0.12	55.61 2.30 -0.52	67.29 2.79 4.49	60.62 2.01 2.44	63.48 1.88 5.53	49.66 1.44 2.46
TILDEN___115KV_TB1 80814	46.84 -0.13 0.00	41.84 -0.16 0.00	40.40 -0.18 0.00	40.92 -0.15 0.00	37.93 -0.07 0.00	48.15 0.11 0.00	82.22 0.39 0.00	76.65 0.45 0.00	56.50 0.37 0.00	54.14 0.48 0.00	49.63 0.36 0.00	41.55 0.17 0.00	37.95 0.11 0.00	34.97 0.09 0.00	36.39 0.18 0.00	37.62 0.19 0.00	36.95 0.19 0.00	37.43 0.17 0.00	42.46 0.18 0.00	53.14 0.34 0.00	69.59 0.60 0.00	61.44 0.38 0.00	67.54 0.42 0.00	51.01 0.33 0.00

TRIGEN___CC 323695	82.22 2.28 -32.97	67.48 1.99 -23.50	63.38 2.05 -20.75	55.31 1.94 -12.29	67.99 1.94 -28.05	70.21 2.35 -19.82	85.02 3.20 0.00	79.81 3.62 0.00	59.22 3.06 -0.01	56.32 2.66 0.00	51.68 2.41 0.00	47.06 2.08 -3.59	49.11 2.11 -9.17	46.92 2.20 -9.84	47.93 2.20 -9.53	49.62 2.41 -9.78	49.31 2.33 -10.22	43.38 2.15 -3.97	45.85 2.50 -1.07	85.52 3.20 -29.52	97.85 4.11 -24.75	98.98 3.23 -34.70	95.87 3.27 -25.47	77.76 2.49 -24.58
TRINITY___115KV___4 BK 55933	47.12 0.15 0.00	42.29 0.30 0.00	40.99 0.42 0.00	41.47 0.40 0.00	38.41 0.41 0.00	48.47 0.43 0.00	82.54 0.71 0.00	76.73 0.54 0.00	56.69 0.54 0.00	54.12 0.46 0.00	49.82 0.56 0.00	41.96 0.58 0.00	38.46 0.61 0.00	35.45 0.56 0.00	36.79 0.58 0.00	38.11 0.68 0.00	37.45 0.69 0.00	37.99 0.73 0.00	42.99 0.71 0.00	53.66 0.86 0.00	69.91 0.92 0.00	61.73 0.68 0.00	67.66 0.53 0.00	50.91 0.22 0.00
UNION___PROCESSING_DRP 323587	45.83 -1.14 0.00	40.87 -1.12 0.00	39.30 -1.28 0.00	39.85 -1.22 0.00	36.87 -1.13 0.00	47.04 -1.00 0.00	80.12 -1.70 0.00	74.56 -1.64 0.00	55.16 -0.98 0.00	53.36 -0.30 0.00	48.98 -0.29 0.00	41.06 -0.32 0.00	37.36 -0.48 0.00	34.40 -0.49 0.00	35.76 -0.45 0.00	36.78 -0.65 0.00	36.26 -0.51 0.00	36.57 -0.69 0.00	41.12 -1.16 0.00	51.61 -1.19 0.00	68.15 -0.84 0.00	60.32 -0.73 0.00	66.76 -0.36 0.00	50.75 0.07 0.00
UPPER HUDSON___HYD 24058	48.98 2.01 0.00	43.89 1.90 0.00	42.45 1.87 0.00	42.92 1.85 0.00	39.74 1.74 0.00	50.43 2.40 0.00	86.32 4.50 0.00	80.24 4.05 0.00	58.93 2.79 0.00	56.17 2.51 0.00	51.55 2.28 0.00	43.38 1.99 0.00	39.56 1.72 0.00	36.35 1.46 0.00	37.68 1.47 0.00	39.02 1.59 0.00	38.67 1.91 0.00	39.64 2.39 0.00	45.12 2.83 0.00	56.31 3.51 0.00	73.44 4.45 0.00	64.66 3.61 0.00	70.78 3.66 0.00	53.04 2.36 0.00
UPPER RAQUET___HYD 24056	46.81 -0.15 0.00	41.53 -0.46 0.00	40.01 -0.56 0.00	40.44 -0.63 0.00	37.24 -0.76 0.00	46.89 -1.15 0.00	82.68 -1.87 -2.72	78.38 -1.72 -3.91	57.61 -1.61 -3.07	52.12 -1.54 0.00	48.00 -1.27 0.00	40.44 -0.94 0.00	36.86 -0.98 0.00	34.59 -1.10 -0.80	38.93 -1.35 -4.07	45.18 -1.61 -9.36	44.57 -1.46 -9.26	45.25 -1.36 -9.34	51.09 -1.34 -10.14	61.05 -1.77 -10.02	65.54 -2.74 0.72	59.42 -1.64 0.00	65.60 -1.53 0.00	49.59 -1.09 0.00
VALLEY44_115KV_TB2 355964	46.98 0.02 0.00	41.87 -0.12 0.00	40.25 -0.33 0.00	40.87 -0.20 0.00	37.75 -0.25 0.00	48.18 0.14 0.00	82.09 0.27 0.00	76.42 0.23 0.00	56.10 -0.04 0.00	54.40 0.74 0.00	49.97 0.70 0.00	41.58 0.20 0.00	37.92 0.08 0.00	34.73 -0.15 0.00	36.15 -0.05 0.00	37.08 -0.36 0.00	36.57 -0.20 0.00	36.54 -0.73 0.00	40.81 -1.48 0.00	51.44 -1.36 0.00	68.40 -0.60 0.00	60.61 -0.44 0.00	67.61 0.49 0.00	51.92 1.23 0.00
VALLEY___115KV_TB 1-4 80826	46.67 -0.29 0.00	41.90 -0.09 0.00	40.16 -0.42 0.00	40.48 -0.59 0.00	37.57 -0.43 0.00	47.66 -0.38 0.00	81.62 -0.20 0.00	75.54 -0.65 0.00	55.50 -0.64 0.00	51.99 -1.68 0.00	47.82 -1.45 0.00	40.04 -1.34 0.00	36.72 -1.12 0.00	33.90 -0.98 0.00	35.29 -0.92 0.00	36.68 -0.75 0.00	36.28 -0.48 0.00	37.11 -0.14 0.00	42.35 0.07 0.00	53.27 0.40 -0.06	69.37 0.31 -0.07	60.96 -0.09 0.00	66.48 -0.64 0.00	49.92 -0.77 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	49.03 2.06 0.00	43.90 1.91 0.00	42.40 1.83 0.00	42.98 1.91 0.00	39.84 1.85 0.00	50.44 2.40 0.00	86.07 4.25 0.00	80.13 3.94 0.00	59.10 2.96 0.00	56.55 2.89 0.00	51.79 2.52 0.00	43.38 1.99 0.00	39.73 1.89 0.00	36.69 1.80 0.00	38.21 2.00 0.00	39.65 2.22 0.00	38.84 2.08 0.00	39.26 2.00 0.00	44.65 2.37 0.00	55.89 3.10 0.00	73.05 4.06 0.00	64.44 3.39 0.00	70.80 3.67 0.00	53.48 2.80 0.00
VISCHER___FERRY HYD 24020	47.76 0.80 0.00	42.92 0.93 0.00	41.55 0.97 0.00	42.03 0.96 0.00	38.85 0.86 0.00	49.15 1.12 0.00	83.82 1.99 0.00	77.90 1.70 0.00	57.49 1.35 0.00	54.85 1.19 0.00	50.45 1.18 0.00	42.44 1.06 0.00	38.84 1.00 0.00	35.75 0.87 0.00	37.10 0.89 0.00	38.43 1.00 0.00	37.84 1.08 0.00	38.46 1.20 0.00	43.65 1.36 0.00	54.49 1.69 0.00	71.01 2.02 0.00	62.73 1.68 0.00	68.73 1.61 0.00	51.66 0.98 0.00
V_A_10_SYNC_DSASP 323832	39.58 -1.99 5.40	34.87 -1.89 5.23	33.27 -2.10 5.20	33.77 -2.05 5.25	30.79 -1.93 5.27	40.06 -1.99 5.99	69.39 -3.67 8.77	64.10 -3.61 8.48	46.92 -2.36 6.86	45.71 -1.39 6.57	41.87 -1.26 6.13	34.94 -1.11 5.34	32.67 -1.20 3.97	29.32 -1.13 4.44	30.68 -0.98 4.55	31.58 -1.27 4.58	33.03 -1.14 2.59	31.47 -1.46 4.32	34.64 -2.25 5.38	43.79 -2.63 6.38	59.68 -2.65 6.67	58.89 -2.17 0.00	65.54 -1.59 0.00	50.07 -0.61 0.00
V_CMM_10_SYNC_DSASP 323787	47.38 0.41 0.00	42.27 0.28 0.00	40.75 0.17 0.00	41.22 0.14 0.00	37.98 -0.02 0.00	47.82 -0.21 0.00	81.20 -0.62 0.00	75.66 -0.54 0.00	55.56 -0.58 0.00	53.12 -0.53 0.00	48.91 -0.36 0.00	41.22 -0.16 0.00	37.61 -0.23 0.00	34.59 -0.29 0.00	35.75 -0.46 0.00	36.81 -0.62 0.00	36.16 -0.60 0.00	36.64 -0.62 0.00	41.54 -0.74 0.00	50.85 -1.12 0.83	66.66 -1.43 0.90	60.10 -0.96 0.00	66.29 -0.83 0.00	50.23 -0.46 0.00
V_CMP_10_SYNC_DSASP 323788	48.67 1.71 0.00	43.37 1.38 0.00	41.78 1.20 0.00	42.16 1.09 0.00	38.43 0.43 0.00	47.60 -0.43 0.00	63.55 -1.78 16.49	50.69 -1.80 23.71	36.16 -1.38 18.60	52.40 -1.26 0.00	48.44 -0.83 0.00	41.02 -0.36 0.00	37.49 -0.35 0.00	29.18 -0.86 4.84	10.40 -1.12 24.69	-20.65 -1.32 56.76	-20.67 -1.27 56.17	-20.63 -1.22 56.67	-20.67 -1.43 61.52	-14.72 -1.93 65.59	65.87 -2.23 0.90	59.39 -1.67 0.00	65.49 -1.64 0.00	49.61 -1.07 0.00
V_D_10_SYNC_DSASP 323841	47.79 0.82 0.00	42.59 0.59 0.00	41.04 0.47 0.00	41.51 0.43 0.00	38.25 0.26 0.00	48.18 0.14 0.00	82.47 0.04 -0.61	77.14 0.07 -0.87	56.65 -0.18 -0.69	53.53 -0.14 0.00	49.27 0.00 0.00	41.52 0.14 0.00	37.87 0.04 0.00	34.99 -0.07 -0.18	36.88 -0.24 -0.91	39.10 -0.42 -2.09	38.46 -0.37 -2.07	38.98 -0.37 -2.09	44.13 -0.42 -2.27	53.68 -0.70 -1.58	66.95 -1.17 0.87	60.70 -0.35 0.00	67.00 -0.13 0.00	50.75 0.06 0.00
V_E_10_SYNC_DSASP 323830	51.53 2.62 -1.93	45.91 2.04 -1.87	43.74 1.30 -1.87	43.78 0.83 -1.88	40.95 1.06 -1.89	52.86 2.68 -2.15	89.13 4.16 -3.14	82.84 3.60 -3.04	61.22 2.62 -2.46	58.06 2.05 -2.35	53.11 1.64 -2.20	44.26 0.96 -1.91	39.74 0.47 -1.43	36.79 0.31 -1.59	38.46 0.62 -1.63	39.89 0.82 -1.64	38.52 0.82 -0.93	39.93 1.12 -1.55	45.59 1.38 -1.93	57.38 2.30 -2.28	74.32 2.94 -2.39	63.40 2.34 0.00	69.20 2.08 0.00	52.32 1.64 0.00
V_F_30_NSYNC___DSASP 323816	48.59 1.62 0.00	43.60 1.61 0.00	42.15 1.57 0.00	42.64 1.57 0.00	39.47 1.47 0.00	50.04 2.00 0.00	85.45 3.63 0.00	79.42 3.23 0.00	58.38 2.24 0.00	55.67 2.01 0.00	51.09 1.82 0.00	43.03 1.65 0.00	39.29 1.45 0.00	36.15 1.27 0.00	37.53 1.32 0.00	38.87 1.44 0.00	38.42 1.65 0.00	39.18 1.93 0.00	44.53 2.25 0.00	55.60 2.80 0.00	72.51 3.51 0.00	63.96 2.90 0.00	70.07 2.94 0.00	52.63 1.94 0.00

V_F_30_SYNC_DSASP 323786	47.30 0.34 0.00	42.45 0.46 0.00	41.14 0.57 0.00	41.61 0.54 0.00	38.53 0.54 0.00	48.66 0.62 0.00	82.90 1.08 0.00	77.11 0.91 0.00	56.94 0.80 0.00	54.38 0.72 0.00	50.03 0.77 0.00	42.15 0.77 0.00	38.62 0.78 0.00	35.58 0.70 0.00	36.95 0.74 0.00	38.27 0.84 0.00	37.63 0.87 0.00	38.17 0.92 0.00	43.21 0.93 0.00	53.94 1.14 0.00	70.29 1.30 0.00	62.03 0.98 0.00	67.98 0.85 0.00	51.14 0.45 0.00
V_XM_10_SYNC_DSASP 323789	48.67 1.71 0.00	43.37 1.38 0.00	41.78 1.20 0.00	42.16 1.09 0.00	38.43 0.43 0.00	47.60 -0.43 0.00	63.55 -1.78 16.49	50.69 -1.80 23.71	36.16 -1.38 18.60	52.40 -1.26 0.00	48.44 -0.83 0.00	41.02 -0.36 0.00	37.49 -0.35 0.00	29.18 -0.86 4.84	10.40 -1.12 24.69	-20.65 -1.32 56.76	-20.67 -1.27 56.17	-20.63 -1.22 56.67	-20.67 -1.43 61.52	-14.72 -1.93 65.59	65.87 -2.23 0.90	59.39 -1.67 0.00	65.49 -1.64 0.00	49.61 -1.07 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	48.55 1.58 0.00	43.40 1.41 0.00	42.03 1.46 0.00	42.48 1.41 0.00	39.45 1.45 0.00	50.03 1.99 0.00	85.27 3.45 0.00	79.83 3.64 0.00	58.93 2.79 0.00	56.17 2.51 0.00	51.44 2.18 0.00	43.18 1.79 0.00	39.61 1.77 0.00	36.60 1.71 0.00	37.95 1.74 0.00	39.30 1.87 0.00	38.56 1.79 0.00	39.03 1.77 0.00	44.46 2.17 0.00	55.59 2.80 0.00	72.39 3.40 0.00	63.70 2.65 0.00	69.69 2.57 0.00	52.56 1.88 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	49.02 2.06 0.00	43.73 1.74 0.00	42.35 1.77 0.00	42.80 1.73 0.00	39.76 1.76 0.00	50.40 2.36 0.00	85.90 4.08 0.00	80.42 4.22 0.00	59.54 3.40 0.00	56.81 3.15 0.00	52.11 2.84 0.00	43.73 2.35 0.00	40.19 2.35 0.00	37.13 2.25 0.00	38.41 2.20 0.00	39.77 2.34 0.00	39.09 2.33 0.00	39.57 2.31 0.00	45.05 2.77 0.00	56.29 3.49 0.00	73.31 4.31 0.00	64.37 3.32 0.00	70.43 3.30 0.00	53.09 2.41 0.00
W50THST__13_KV_LOAD 356117	49.23 2.26 0.00	43.90 1.91 0.00	42.52 1.94 0.00	42.98 1.91 0.00	39.95 1.95 0.00	50.65 2.61 0.00	86.32 4.50 0.00	80.85 4.66 0.00	59.89 3.75 0.00	57.18 3.52 0.00	52.46 3.19 0.00	44.03 2.65 0.00	40.45 2.62 0.00	37.38 2.50 0.00	38.68 2.47 0.00	40.05 2.62 0.00	39.35 2.59 0.00	39.83 2.57 0.00	45.32 3.04 0.00	56.61 3.81 0.00	73.69 4.69 0.00	64.69 3.64 0.00	70.76 3.63 0.00	53.34 2.65 0.00
WADING RIVER_IC_1 23522	53.16 2.05 -4.14	38.71 1.33 4.62	37.47 1.54 4.64	39.52 1.20 2.75	32.99 1.20 6.20	45.18 1.57 4.43	82.73 0.91 0.00	77.83 1.64 0.00	58.14 2.00 0.00	55.53 1.87 0.00	50.97 1.70 0.00	41.65 1.07 0.80	37.05 1.25 2.04	34.32 1.63 2.19	35.69 1.60 2.12	38.04 1.92 1.31	38.61 1.97 0.12	39.74 2.02 -0.47	44.41 2.01 -0.12	55.09 1.80 -0.49	66.64 2.17 4.52	60.08 1.50 2.48	62.92 1.36 5.56	49.27 1.07 2.48
WADING RIVER_IC_2 23547	53.16 2.05 -4.14	38.71 1.33 4.62	37.47 1.54 4.64	39.52 1.20 2.75	32.99 1.20 6.20	45.18 1.57 4.43	82.73 0.91 0.00	77.83 1.64 0.00	58.14 2.00 0.00	55.53 1.87 0.00	50.97 1.70 0.00	41.65 1.07 0.80	37.05 1.25 2.04	34.32 1.63 2.19	35.69 1.60 2.12	38.04 1.92 1.31	38.61 1.97 0.12	39.74 2.02 -0.47	44.41 2.01 -0.12	55.09 1.80 -0.49	66.64 2.17 4.52	60.08 1.50 2.48	62.92 1.36 5.56	49.27 1.07 2.48
WADING RIVER_IC_3 23601	53.16 2.05 -4.14	38.71 1.33 4.62	37.47 1.54 4.64	39.52 1.20 2.75	32.99 1.20 6.20	45.18 1.57 4.43	82.73 0.91 0.00	77.83 1.64 0.00	58.14 2.00 0.00	55.53 1.87 0.00	50.97 1.70 0.00	41.65 1.07 0.80	37.05 1.25 2.04	34.32 1.63 2.19	35.69 1.60 2.12	38.04 1.92 1.31	38.61 1.97 0.12	39.74 2.02 -0.47	44.41 2.01 -0.12	55.09 1.80 -0.49	66.64 2.17 4.52	60.08 1.50 2.48	62.92 1.36 5.56	49.27 1.07 2.48
WALDENNY_12_KV_BK2 80841	37.62 -1.94 7.41	32.95 -1.86 7.18	31.27 -2.16 7.14	31.75 -2.10 7.21	28.77 -1.99 7.24	37.89 -1.92 8.22	66.12 -3.67 12.04	60.88 -3.67 11.64	44.17 -2.57 9.40	43.34 -1.33 9.00	39.66 -1.21 8.40	32.94 -1.12 7.32	31.24 -1.17 5.43	27.66 -1.13 6.09	28.99 -0.97 6.25	29.83 -1.31 6.29	32.03 -1.18 3.56	29.78 -1.54 5.93	32.32 -2.56 7.40	41.08 -2.95 8.76	57.15 -2.69 9.16	59.07 -1.99 0.00	66.08 -1.05 0.00	50.60 -0.08 0.00
WALDEN__HYDRO 24148	48.50 1.53 0.00	43.38 1.39 0.00	42.01 1.43 0.00	42.47 1.40 0.00	39.41 1.42 0.00	49.95 1.91 0.00	85.17 3.34 0.00	79.65 3.45 0.00	58.75 2.61 0.00	55.92 2.25 0.00	51.15 1.88 0.00	42.90 1.52 0.00	39.37 1.54 0.00	36.40 1.51 0.00	37.75 1.54 0.00	39.12 1.69 0.00	38.42 1.66 0.00	38.90 1.64 0.00	44.38 2.10 0.00	55.59 2.80 0.00	72.45 3.46 0.00	63.77 2.72 0.00	69.78 2.66 0.00	52.59 1.90 0.00
WARRENSBURG____ 23737	48.99 2.02 0.00	43.90 1.90 0.00	42.46 1.88 0.00	42.92 1.85 0.00	39.74 1.74 0.00	50.44 2.40 0.00	86.33 4.51 0.00	80.25 4.05 0.00	58.93 2.79 0.00	56.17 2.51 0.00	51.55 2.28 0.00	43.38 1.99 0.00	39.56 1.72 0.00	36.35 1.46 0.00	37.68 1.47 0.00	39.03 1.59 0.00	38.67 1.91 0.00	39.64 2.39 0.00	45.12 2.83 0.00	56.31 3.51 0.00	73.44 4.45 0.00	64.66 3.61 0.00	70.78 3.66 0.00	53.05 2.36 0.00
WATERSIDE____6 8 9 23538	46.96 2.12 2.13	41.35 1.82 2.46	39.90 1.85 2.53	40.46 1.80 2.41	36.81 1.84 3.03	49.16 2.43 1.30	85.86 4.08 0.04	79.96 4.27 0.50	58.50 3.47 1.11	55.42 3.20 1.44	50.26 2.93 1.93	41.24 2.42 2.57	37.15 2.42 3.11	32.68 2.31 4.52	34.69 2.28 3.80	44.23 2.42 -4.38	35.61 2.40 3.55	40.55 2.38 -0.91	42.70 2.84 2.42	48.68 3.60 7.72	68.44 4.36 4.91	57.76 3.42 6.71	65.00 3.43 5.56	47.47 2.52 5.73
WATKINRD_115KV_LN8_ILLION 55919	46.62 -0.34 0.00	41.97 -0.03 0.00	40.17 -0.40 0.00	40.46 -0.61 0.00	37.60 -0.39 0.00	47.75 -0.29 0.00	81.90 0.08 0.00	75.62 -0.58 0.00	55.47 -0.67 0.00	51.52 -2.15 0.00	47.43 -1.84 0.00	39.65 -1.73 0.00	36.42 -1.42 0.00	33.62 -1.26 0.00	35.05 -1.16 0.00	36.50 -0.94 0.00	36.21 -0.55 0.00	37.18 -0.08 0.00	42.51 0.23 0.00	53.61 0.74 -0.06	69.74 0.68 -0.07	61.15 0.10 0.00	66.47 -0.65 0.00	49.78 -0.91 0.00
WATSON__69_KV_BK 1 55734	56.15 2.87 -6.30	41.98 2.36 2.37	40.41 2.44 2.60	41.77 2.24 1.54	36.72 2.18 3.46	48.15 2.59 2.48	84.90 3.08 0.00	79.86 3.67 0.00	59.35 3.21 0.00	56.41 2.75 0.00	51.69 2.43 0.00	42.85 1.91 0.45	38.60 1.91 1.15	35.78 2.13 1.23	37.23 2.21 1.19	39.50 2.51 0.44	40.00 2.56 -0.67	40.49 2.52 -0.71	45.33 2.86 -0.19	58.89 3.56 -2.53	71.00 4.40 2.39	64.78 3.52 -0.20	67.44 3.60 3.29	52.88 2.74 0.54
WDELAWARE__HYD 323627	49.10 2.13 0.00	43.92 1.93 0.00	42.52 1.94 0.00	43.01 1.94 0.00	39.91 1.91 0.00	50.56 2.52 0.00	86.33 4.50 0.00	80.72 4.52 0.00	59.45 3.31 0.00	56.52 2.86 0.00	51.58 2.32 0.00	43.24 1.85 0.00	39.78 1.94 0.00	36.79 1.90 0.00	38.18 1.97 0.00	39.56 2.13 0.00	38.87 2.11 0.00	39.49 2.23 0.00	44.99 2.71 0.00	56.47 3.67 0.00	73.64 4.65 0.00	64.82 3.77 0.00	70.93 3.81 0.00	53.44 2.76 0.00

WEST BABYLON___IC 23714	60.74 2.90 -10.87	46.79 2.42 -2.38	44.77 2.48 -1.71	44.39 2.30 -1.01	42.55 2.20 -2.36	52.27 2.59 -1.63	85.01 3.19 0.00	79.93 3.73 0.00	59.39 3.25 0.00	56.40 2.74 0.00	51.69 2.43 0.00	43.62 1.95 -0.30	40.56 1.97 -0.75	37.86 2.16 -0.81	39.22 2.23 -0.78	41.34 2.48 -1.42	41.65 2.51 -2.37	40.89 2.41 -1.23	45.36 2.75 -0.33	63.11 3.52 -6.79	75.50 4.40 -2.11	70.51 3.61 -5.85	72.29 3.64 -1.52	57.01 2.78 -3.55
WEST CANADA___HYD 24049	46.91 -0.06 0.00	41.91 -0.08 0.00	40.53 -0.04 0.00	41.03 -0.04 0.00	37.97 -0.03 0.00	48.01 -0.03 0.00	81.90 0.08 0.00	76.24 0.04 0.00	56.17 0.03 0.00	53.62 -0.04 0.00	49.22 -0.05 0.00	41.34 -0.05 0.00	37.81 -0.03 0.00	34.89 0.00 0.00	36.24 0.03 0.00	37.51 0.07 0.00	36.85 0.09 0.00	37.37 0.12 0.00	42.45 0.17 0.00	53.13 0.26 -0.06	69.35 0.28 -0.07	61.24 0.18 0.00	67.26 0.13 0.00	50.73 0.05 0.00
WESTERN_NY_WIND 24143	38.38 -1.40 7.18	33.67 -1.36 6.96	31.99 -1.66 6.92	32.51 -1.57 6.99	29.56 -1.42 7.01	38.88 -1.19 7.97	67.97 -2.19 11.67	62.75 -2.15 11.29	45.76 -1.20 9.19	44.61 -0.26 8.79	40.72 -0.34 8.21	33.63 -0.65 7.11	31.49 -1.02 5.32	27.82 -1.15 5.91	28.72 -1.44 6.05	29.49 -1.85 6.10	31.71 -1.61 3.45	29.73 -1.78 5.75	32.76 -2.35 7.17	42.53 -1.78 8.49	58.95 -1.17 8.88	60.18 -0.88 0.00	67.02 -0.11 0.00	51.11 0.42 0.00
WESTOVER___LESR 323668	47.21 0.24 0.00	42.15 0.16 0.00	40.70 0.12 0.00	41.23 0.16 0.00	38.23 0.24 0.00	48.53 0.50 0.00	82.85 1.03 0.00	77.28 1.09 0.00	56.89 0.75 0.00	54.52 0.86 0.00	49.99 0.72 0.00	41.67 0.29 0.00	38.15 0.31 0.00	35.11 0.23 0.00	36.56 0.35 0.00	37.74 0.31 0.00	37.05 0.29 0.00	37.41 0.15 0.00	42.40 0.12 0.00	53.13 0.34 0.00	69.75 0.76 0.00	61.63 0.57 0.00	67.94 0.81 0.00	51.43 0.74 0.00
WETHRSFD_WT_PWR 323626	-16.83 -3.59 60.21	-19.45 -3.10 58.34	-20.67 -3.20 58.05	-20.76 -3.22 58.61	-23.44 -2.64 58.80	-21.92 -3.16 66.80	-21.71 -5.74 97.79	-23.55 -5.13 94.62	-23.87 -3.42 76.59	-22.71 -3.08 73.28	-22.10 -2.93 68.43	-20.94 -2.80 59.52	-9.51 -2.78 44.57	-17.53 -2.73 49.69	-17.35 -2.79 50.78	-16.80 -3.10 51.14	4.92 -2.96 28.89	-14.03 -3.05 48.24	-21.24 -3.41 60.11	-22.31 -3.92 71.19	-10.27 -4.82 74.44	57.02 -4.03 0.00	63.94 -3.19 0.00	49.28 -1.41 0.00
WHAVSTOR_138KV_BK127 55557	48.39 1.42 0.00	43.25 1.26 0.00	41.90 1.33 0.00	42.33 1.26 0.00	39.31 1.31 0.00	49.86 1.82 0.00	84.93 3.11 0.00	79.48 3.28 0.00	58.70 2.56 0.00	55.94 2.28 0.00	51.24 1.98 0.00	43.00 1.62 0.00	39.47 1.63 0.00	36.45 1.57 0.00	37.80 1.59 0.00	39.15 1.72 0.00	38.40 1.64 0.00	38.85 1.59 0.00	44.25 1.97 0.00	55.32 2.52 0.00	72.01 3.01 0.00	63.39 2.34 0.00	69.36 2.23 0.00	52.32 1.63 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	48.39 1.42 0.00	43.25 1.26 0.00	41.90 1.33 0.00	42.33 1.26 0.00	39.31 1.31 0.00	49.86 1.82 0.00	84.93 3.11 0.00	79.48 3.28 0.00	58.70 2.56 0.00	55.94 2.28 0.00	51.24 1.98 0.00	43.00 1.62 0.00	39.47 1.63 0.00	36.45 1.57 0.00	37.80 1.59 0.00	39.15 1.72 0.00	38.40 1.64 0.00	38.85 1.59 0.00	44.25 1.97 0.00	55.32 2.52 0.00	72.01 3.01 0.00	63.39 2.34 0.00	69.36 2.23 0.00	52.32 1.63 0.00
WHITEHAL_115KV_TB1 80871	50.13 3.17 0.00	44.82 2.83 0.00	43.42 2.84 0.00	43.72 2.65 0.00	40.50 2.50 0.00	51.52 3.48 0.00	88.36 6.54 0.00	81.91 5.72 0.00	59.95 3.81 0.00	56.89 3.23 0.00	52.39 3.12 0.00	43.85 2.46 0.00	39.84 2.00 0.00	36.51 1.62 0.00	37.82 1.61 0.00	39.28 1.85 0.00	39.06 2.30 0.00	40.58 3.33 0.00	46.48 4.19 0.00	57.75 4.95 0.00	75.18 6.18 0.00	65.96 4.90 0.00	72.22 5.10 0.00	53.68 2.99 0.00
WHITEPLN_13_KV_LOAD 356215	49.29 2.33 0.00	44.02 2.03 0.00	42.62 2.04 0.00	43.06 1.98 0.00	39.96 1.96 0.00	50.67 2.63 0.00	86.44 4.62 0.00	81.02 4.83 0.00	59.95 3.81 0.00	57.09 3.43 0.00	52.31 3.04 0.00	43.89 2.51 0.00	40.30 2.46 0.00	37.24 2.35 0.00	38.56 2.35 0.00	39.98 2.54 0.00	39.30 2.53 0.00	39.81 2.55 0.00	45.32 3.03 0.00	56.67 3.87 0.00	73.79 4.79 0.00	64.87 3.82 0.00	70.91 3.79 0.00	53.42 2.73 0.00
WM_FLOYD_69_KV_BK2 356380	53.53 2.29 -4.28	39.26 1.74 4.48	37.94 1.87 4.51	39.99 1.59 2.67	33.53 1.57 6.04	45.66 1.93 4.31	83.52 1.70 0.00	78.58 2.38 0.00	58.53 2.40 0.00	55.78 2.12 0.00	51.11 1.84 0.00	41.85 1.24 0.78	37.23 1.38 1.99	34.47 1.72 2.13	35.85 1.71 2.07	38.21 2.04 1.26	38.80 2.11 0.08	39.92 2.18 -0.48	44.71 2.30 -0.13	55.89 2.47 -0.62	67.61 3.00 4.39	60.97 2.23 2.31	63.86 2.15 5.42	49.98 1.66 2.36
WOODARD___115KV_TB2 355635	46.51 -0.46 0.00	41.55 -0.45 0.00	40.13 -0.45 0.00	40.65 -0.42 0.00	37.66 -0.34 0.00	47.79 -0.25 0.00	81.57 -0.26 0.00	76.00 -0.19 0.00	56.05 -0.09 0.00	53.69 0.03 0.00	49.24 -0.03 0.00	41.26 -0.12 0.00	37.69 -0.15 0.00	34.74 -0.15 0.00	36.13 -0.08 0.00	37.34 -0.09 0.00	36.68 -0.08 0.00	37.15 -0.11 0.00	42.14 -0.14 0.00	52.71 -0.09 0.00	69.01 0.02 0.00	60.95 -0.11 0.00	67.03 -0.10 0.00	50.61 -0.08 0.00
YORK___WARBASSE 23770	59.87 2.42 -10.48	56.17 2.09 -12.09	55.11 2.11 -12.42	54.99 2.07 -11.85	54.97 2.09 -14.88	57.18 2.74 -6.40	86.65 4.62 -0.21	83.46 4.79 -2.47	65.43 3.84 -5.45	64.30 3.57 -7.07	63.79 3.24 -11.28	60.86 2.68 -16.80	60.81 2.65 -20.32	60.64 2.53 -23.22	64.18 2.52 -25.45	91.45 2.63 -51.39	62.08 2.63 -22.68	91.58 2.60 -51.71	59.39 3.12 -13.99	94.62 3.93 -37.89	97.90 4.81 -24.10	97.86 3.83 -32.97	98.30 3.88 -27.30	85.52 2.84 -31.99