

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/02/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	37.28	35.64	37.24	36.93	35.58	36.00	47.07	64.82	51.24	42.64	56.33	50.90	50.83	55.14	66.42	82.58	79.22	79.98	78.46	74.58	77.40	75.87	73.96	60.39
24138	2.11	2.03	2.08	2.10	1.96	2.11	3.09	4.24	3.63	2.85	3.13	3.61	3.60	3.83	4.62	5.88	5.68	6.17	6.20	5.85	4.68	4.55	5.46	4.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.29	0.00	0.00	0.00	0.00	0.00	0.00	-2.58	-0.69	-1.82	-16.36	-16.22	0.00	0.00
74TH STREET_GT_1	37.39	35.75	37.37	37.06	35.69	36.11	47.25	65.03	51.39	42.75	56.44	51.05	50.96	55.29	66.63	82.83	79.51	80.26	78.75	74.81	77.62	76.10	74.22	60.61
24260	2.22	2.14	2.20	2.23	2.07	2.22	3.28	4.45	3.77	2.96	3.26	3.76	3.73	3.97	4.82	6.14	5.96	6.45	6.49	6.09	4.88	4.77	5.72	4.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.27	0.00	0.00	0.00	0.00	0.00	0.00	-2.58	-0.69	-1.82	-16.36	-16.23	0.00	0.00
74TH STREET_GT_2	37.39	35.75	37.37	37.06	35.69	36.11	47.25	65.03	51.39	42.75	56.44	51.05	50.96	55.29	66.63	82.83	79.51	80.26	78.75	74.81	77.62	76.10	74.22	60.61
24261	2.22	2.14	2.20	2.23	2.07	2.22	3.28	4.45	3.77	2.96	3.26	3.76	3.73	3.97	4.82	6.14	5.96	6.45	6.49	6.09	4.88	4.77	5.72	4.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.27	0.00	0.00	0.00	0.00	0.00	0.00	-2.58	-0.69	-1.82	-16.36	-16.23	0.00	0.00
ADK HUDSON___FALLS	37.49	35.78	37.43	37.02	35.73	36.10	47.11	64.70	50.88	42.06	48.31	50.03	49.92	54.13	65.18	81.12	77.80	86.74	76.78	73.66	128.14	125.90	72.58	59.34
24011	2.32	2.18	2.27	2.19	2.11	2.21	3.13	4.12	3.26	2.27	2.48	2.75	2.69	2.82	3.38	4.42	4.26	4.52	4.29	4.30	3.66	3.61	4.08	3.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.92	0.00	0.00	0.00	0.00	0.00	0.00	-11.00	-0.92	-2.44	-68.11	-67.18	0.00	0.00
ADK RESOURCE___RCVRY	37.69	35.97	37.63	37.18	35.88	36.27	47.42	65.05	51.16	42.22	48.45	50.18	50.07	54.29	65.53	81.57	78.30	87.28	77.21	74.12	128.87	126.63	73.03	59.69
23798	2.52	2.36	2.46	2.35	2.26	2.38	3.44	4.46	3.55	2.43	2.63	2.89	2.84	2.97	3.73	4.88	4.75	5.01	4.71	4.76	4.09	4.05	4.53	3.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.91	0.00	0.00	0.00	0.00	0.00	0.00	-11.05	-0.92	-2.45	-68.41	-67.47	0.00	0.00
ADK S GLENS___FALLS	37.49	35.78	37.43	37.02	35.73	36.10	47.11	64.70	50.88	42.06	48.31	50.03	49.92	54.13	65.18	81.12	77.80	86.74	76.78	73.66	128.14	125.90	72.58	59.34
24028	2.32	2.18	2.27	2.19	2.11	2.21	3.13	4.12	3.26	2.27	2.48	2.75	2.69	2.82	3.38	4.42	4.26	4.52	4.29	4.30	3.66	3.61	4.08	3.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.92	0.00	0.00	0.00	0.00	0.00	0.00	-11.00	-0.92	-2.44	-68.11	-67.18	0.00	0.00
ADK_NYS___DAM	37.56	35.90	37.52	37.14	35.82	36.12	46.76	64.26	50.55	41.84	48.62	49.85	49.80	54.20	65.30	81.22	77.53	83.90	76.59	73.57	112.47	110.67	73.21	59.96
23527	2.39	2.30	2.35	2.31	2.19	2.23	2.79	3.68	2.93	2.04	2.29	2.57	2.57	2.89	3.49	4.53	3.98	4.26	4.14	4.29	3.82	3.97	4.71	3.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.42	0.00	0.00	0.00	0.00	0.00	0.00	-8.42	-0.89	-2.36	-52.28	-51.60	0.00	0.00
AIR_PRODUCTS___DRP	36.74	35.14	36.76	36.42	35.13	35.34	45.85	63.09	49.62	41.29	47.60	49.21	49.20	53.45	64.45	80.06	76.70	81.47	75.78	72.62	101.92	100.11	71.80	58.71
24190	1.58	1.52	1.60	1.59	1.50	1.45	1.87	2.51	2.01	1.49	1.69	1.92	1.97	2.14	2.65	3.37	3.16	3.39	3.32	3.34	2.81	2.78	3.30	2.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.86	-0.90	-2.38	-42.74	-42.22	0.00	0.00
AKWESSNE_115KV_BK	35.31	33.68	35.22	34.89	33.64	33.90	44.01	60.79	47.78	40.12	44.18	47.40	47.26	51.39	61.92	76.57	73.52	70.64	71.03	66.19	55.83	54.40	67.94	56.26
355683	0.14	0.07	0.06	0.06	0.02	0.00	0.04	0.20	0.17	0.33	0.27	0.11	0.03	0.07	0.11	-0.12	-0.03	-0.58	-0.54	-0.72	-0.54	-0.71	-0.56	-0.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	36.97	35.34	36.99	36.64	35.36	35.59	46.19	63.55	49.84	41.30	47.37	49.25	49.31	53.47	64.62	80.42	77.23	80.91	76.35	73.11	95.43	93.74	72.48	59.35
323833	1.80	1.72	1.83	1.81	1.73	1.70	2.21	2.97	2.23	1.51	1.80	1.97	2.09	2.15	2.82	3.72	3.68	3.95	3.90	3.88	3.28	3.27	3.98	3.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.66	0.00	0.00	0.00	0.00	0.00	0.00	-5.73	-0.88	-2.32	-35.78	-35.37	0.00	0.00
ALBANY_2_SOLAR	36.95	35.33	36.97	36.63	35.35	35.57	46.17	63.54	49.82	41.29	47.36	49.25	49.30	53.45	64.61	80.39	77.19	80.90	76.31	73.06	95.38	93.71	72.47	59.33
323834	1.78	1.72	1.81	1.80	1.72	1.68	2.19	2.95	2.20	1.49	1.78	1.97	2.07	2.13	2.81	3.70	3.65	3.94	3.87	3.83	3.24	3.24	3.97	3.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.67	0.00	0.00	0.00	0.00	0.00	0.00	-5.73	-0.88	-2.32	-35.78	-35.37	0.00	0.00
ALBANY___1	36.74	35.14	36.76	36.42	35.13	35.34	45.85	63.09	49.62	41.29	47.60	49.21	49.20	53.45	64.45	80.06	76.70	81.47	75.78	72.62	101.92	100.11	71.80	58.71
23571	1.58	1.52	1.60	1.59	1.50	1.45	1.87	2.51	2.01	1.49	1.69	1.92	1.97	2.14	2.65	3.37	3.16	3.39	3.32	3.34	2.81	2.78	3.30	2.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.86	-0.90	-2.38	-42.74	-42.22	0.00	0.00

ALBANY___2 23572	36.74 1.58 0.00	35.14 1.52 0.00	36.76 1.60 0.00	36.42 1.59 0.00	35.13 1.50 0.00	35.34 1.45 0.00	45.85 1.87 0.00	63.09 2.51 0.00	49.62 2.01 0.00	41.29 1.49 0.00	47.60 1.69 -2.00	49.21 1.92 0.00	49.20 1.97 0.00	53.45 2.14 0.00	64.45 2.65 0.00	80.06 3.37 0.00	76.70 3.16 0.00	81.47 3.39 -6.86	75.78 3.32 -0.90	72.62 3.34 -2.38	101.92 2.81 -42.74	100.11 2.78 -42.22	71.80 3.30 0.00	58.71 2.40 0.00
ALBANY___3 23573	36.74 1.58 0.00	35.14 1.52 0.00	36.76 1.60 0.00	36.42 1.59 0.00	35.13 1.50 0.00	35.34 1.45 0.00	45.85 1.87 0.00	63.09 2.51 0.00	49.62 2.01 0.00	41.29 1.49 0.00	47.60 1.69 -2.00	49.21 1.92 0.00	49.20 1.97 0.00	53.45 2.14 0.00	64.45 2.65 0.00	80.06 3.37 0.00	76.70 3.16 0.00	81.47 3.39 -6.86	75.78 3.32 -0.90	72.62 3.34 -2.38	101.92 2.81 -42.74	100.11 2.78 -42.22	71.80 3.30 0.00	58.71 2.40 0.00
ALBANY___4 23574	36.74 1.58 0.00	35.14 1.52 0.00	36.76 1.60 0.00	36.42 1.59 0.00	35.13 1.50 0.00	35.34 1.45 0.00	45.85 1.87 0.00	63.09 2.51 0.00	49.62 2.01 0.00	41.29 1.49 0.00	47.60 1.69 -2.00	49.21 1.92 0.00	49.20 1.97 0.00	53.45 2.14 0.00	64.45 2.65 0.00	80.06 3.37 0.00	76.70 3.16 0.00	81.47 3.39 -6.86	75.78 3.32 -0.90	72.62 3.34 -2.38	101.92 2.81 -42.74	100.11 2.78 -42.22	71.80 3.30 0.00	58.71 2.40 0.00
ALBANY___LFGE 323615	36.92 1.75 0.00	35.29 1.68 0.00	36.92 1.76 0.00	36.58 1.74 0.00	35.27 1.65 0.00	35.51 1.61 0.00	46.09 2.12 0.00	63.44 2.85 0.00	49.89 2.27 0.00	41.50 1.71 0.00	47.81 1.92 -1.99	49.47 2.19 0.00	49.48 2.25 0.00	53.77 2.46 0.00	64.83 3.03 0.00	80.54 3.85 0.00	77.19 3.64 0.00	83.16 3.85 -8.08	76.22 3.75 -0.90	73.04 3.74 -2.40	109.76 3.15 -50.24	107.78 3.08 -49.59	72.18 3.68 0.00	59.02 2.70 0.00
ALCOA_PA_115KV_PL-6C 55860	35.46 0.29 0.00	33.81 0.19 0.00	35.35 0.19 0.00	35.02 0.19 0.00	33.78 0.15 0.00	34.01 0.12 0.00	44.14 0.17 0.00	61.01 0.42 0.00	47.94 0.32 0.00	40.27 0.48 0.00	44.30 0.39 0.00	47.51 0.22 0.00	47.32 0.10 0.00	51.48 0.16 0.00	62.04 0.23 0.00	76.49 -0.21 0.00	73.52 -0.02 0.00	70.64 -0.58 0.00	71.02 -0.55 0.00	66.17 -0.74 0.00	55.80 -0.57 0.00	54.34 -0.77 0.00	67.87 -0.62 0.00	56.41 0.10 0.00
ALCOA_RYNLDS___DRP 24188	35.46 0.29 0.00	33.81 0.19 0.00	35.35 0.19 0.00	35.02 0.19 0.00	33.78 0.15 0.00	34.01 0.12 0.00	44.14 0.17 0.00	61.01 0.42 0.00	47.94 0.32 0.00	40.27 0.48 0.00	44.30 0.39 0.00	47.51 0.22 0.00	47.32 0.10 0.00	51.48 0.16 0.00	62.04 0.23 0.00	76.49 -0.21 0.00	73.52 -0.02 0.00	70.64 -0.58 0.00	71.02 -0.55 0.00	66.17 -0.74 0.00	55.80 -0.57 0.00	54.34 -0.77 0.00	67.87 -0.62 0.00	56.41 0.10 0.00
ALCOA___DSASP 323711	35.46 0.29 0.00	33.81 0.19 0.00	35.35 0.19 0.00	35.02 0.19 0.00	33.78 0.15 0.00	34.01 0.12 0.00	44.14 0.17 0.00	61.01 0.42 0.00	47.94 0.32 0.00	40.27 0.48 0.00	44.30 0.39 0.00	47.51 0.23 0.00	47.32 0.10 0.00	51.48 0.16 0.00	62.04 0.23 0.00	76.49 -0.21 0.00	73.52 -0.03 0.00	70.63 -0.59 0.00	71.02 -0.55 0.00	66.16 -0.75 0.00	55.80 -0.57 0.00	54.34 -0.77 0.00	67.87 -0.62 0.00	56.41 0.09 0.00
ALLEGHENY___COGEN 23514	58.57 -1.97 -25.37	74.48 -1.95 -42.81	80.23 -2.06 -47.13	79.29 -2.05 -46.50	69.88 -1.86 -38.11	79.21 -1.49 -46.81	94.48 -1.65 -52.15	116.80 -2.19 -58.41	46.64 -1.14 -0.16	61.15 -1.21 -22.57	74.66 -1.34 -32.09	99.15 -1.66 -53.51	106.85 -1.44 -61.06	119.70 -1.45 -69.85	131.51 -1.87 -71.58	158.59 -2.02 -83.91	154.67 -1.66 -82.78	152.48 -1.08 -82.33	150.18 -1.23 -79.84	145.01 -1.59 -79.69	132.07 -1.69 -77.39	129.72 -1.85 -76.46	128.37 -2.04 -61.91	97.17 -1.63 -42.48
ALTAMONT_115KV_TB 2 55880	36.42 1.25 0.00	34.82 1.21 0.00	36.44 1.27 0.00	36.11 1.28 0.00	34.83 1.20 0.00	35.07 1.18 0.00	45.53 1.55 0.00	62.65 2.07 0.00	49.26 1.64 0.00	40.98 1.19 0.00	47.21 1.34 -1.96	48.84 1.56 0.00	48.81 1.59 0.00	53.00 1.68 0.00	63.88 2.08 0.00	79.38 2.69 0.00	76.07 2.53 0.00	79.95 2.75 -5.97	75.17 2.71 -0.89	72.03 2.75 -2.37	95.92 2.29 -37.27	94.21 2.27 -36.84	71.20 2.70 0.00	58.33 2.01 0.00
ALTONA_WT_PWR 323606	34.38 -0.79 0.00	32.75 -0.86 0.00	34.30 -0.87 0.00	24.47 -0.90 9.47	-12.87 -0.94 45.56	-18.22 -0.98 51.13	-22.99 -1.14 65.83	-23.58 -1.27 82.90	-23.13 -0.97 69.78	-22.91 -0.63 62.08	-23.01 -0.77 66.14	-23.06 -0.98 69.38	-23.08 -1.10 69.21	-23.21 -1.15 73.38	-9.19 -1.32 69.67	-15.87 -2.00 90.57	-23.80 -1.72 95.62	-23.70 -2.19 92.74	-23.74 -2.14 93.17	-23.57 -2.21 88.26	-9.31 -1.80 63.88	-23.26 -2.00 76.36	-23.63 -2.23 89.90	2.35 -1.45 52.52
AMERICAN_REF_FUEL 24010	24.28 -5.17 5.71	19.11 -4.94 9.57	19.53 -5.26 10.37	19.33 -5.27 10.23	20.26 -4.98 8.39	18.78 -4.81 10.30	26.47 -5.99 11.52	38.29 -8.35 13.94	39.57 -7.43 0.62	29.46 -5.18 5.15	30.77 -5.81 7.32	28.72 -6.37 12.20	27.00 -6.31 13.92	28.42 -6.97 15.93	37.05 -8.43 16.32	46.94 -10.61 19.14	44.64 -10.07 18.83	43.48 -9.55 18.20	43.65 -9.89 18.03	39.18 -9.96 17.76	33.77 -8.34 14.25	32.80 -8.31 14.00	46.48 -8.41 13.62	40.83 -6.14 9.35
ARKWRIGHT___SUMMIT_WT_PWR 323751	24.53 -4.70 5.94	18.88 -4.72 10.02	19.23 -4.94 11.00	19.05 -4.94 10.85	20.01 -4.72 8.89	18.55 -4.42 10.92	26.52 -5.25 12.21	39.09 -7.25 14.24	41.07 -6.09 0.45	30.54 -3.94 5.31	32.05 -4.31 7.55	29.89 -4.81 12.58	27.95 -4.92 14.36	29.50 -5.39 16.42	38.34 -6.63 16.83	48.68 -8.29 19.72	46.06 -8.06 19.42	44.73 -7.76 18.73	44.89 -8.09 18.59	40.89 -7.72 18.30	35.16 -6.78 14.44	34.14 -6.77 14.19	47.02 -7.04 14.45	41.37 -5.04 9.91
ARTHUR KILL_GT_1 23520	289.28 2.20 -251.92	58.30 2.14 -22.55	58.04 2.21 -20.66	58.03 2.21 -20.98	58.03 2.03 -22.38	58.23 2.13 -22.20	59.25 3.17 -12.10	95.79 4.30 -30.90	59.12 3.69 -7.82	65.69 2.75 -23.15	59.23 2.98 -12.35	59.30 3.54 -8.47	59.08 3.46 -8.39	104.42 3.69 -49.42	76.20 4.29 -10.10	82.12 5.41 -0.02	195.65 5.51 -116.59	223.72 6.05 -146.45	150.00 6.43 -72.01	122.45 5.99 -49.55	129.32 4.75 -68.20	96.55 4.65 -36.79	74.02 5.52 0.00	63.40 4.29 -2.79
ARTHUR_KILL_2 23512	289.19 2.10 -251.92	58.21 2.05 -22.55	57.95 2.12 -20.66	57.95 2.13 -20.98	57.95 1.95 -22.38	58.13 2.04 -22.20	59.12 3.04 -12.10	95.60 4.11 -30.90	58.97 3.54 -7.82	65.58 2.64 -23.15	59.10 2.85 -12.35	59.16 3.40 -8.47	58.97 3.35 -8.39	104.28 3.54 -49.42	76.00 4.10 -10.10	81.88 5.17 -0.02	195.40 5.26 -116.59	223.47 5.79 -146.45	149.76 6.18 -72.01	122.19 5.74 -49.55	129.13 4.56 -68.20	96.37 4.48 -36.79	73.80 5.30 0.00	63.22 4.11 -2.79
ARTHUR_KILL_3 23513	302.16 1.78 -265.20	59.07 1.72 -23.73	58.68 1.77 -21.75	58.70 1.77 -22.09	58.83 1.65 -23.56	59.05 1.79 -23.37	59.39 2.68 -12.74	96.78 3.66 -32.54	58.97 3.13 -8.23	65.49 2.36 -23.34	59.07 2.61 -12.55	59.25 3.05 -8.91	59.10 3.03 -8.84	106.58 3.24 -52.03	76.38 3.94 -10.63	81.76 5.05 -0.02	201.98 4.93 -123.51	237.98 5.47 -161.28	152.84 5.50 -75.77	124.18 5.20 -52.06	131.43 4.13 -70.93	97.00 4.03 -37.87	73.29 4.79 0.00	62.66 3.54 -2.79

ARTHUR_KILL_COGEN 323718	289.28 2.20 -251.92	58.30 2.14 -22.55	58.04 2.21 -20.66	58.03 2.21 -20.98	58.03 2.03 -22.38	58.23 2.13 -22.20	59.25 3.17 -12.10	95.79 4.30 -30.90	59.12 3.69 -7.82	65.69 2.75 -23.15	59.23 2.98 -12.35	59.30 3.54 -8.47	59.08 3.46 -8.39	104.42 3.69 -49.42	76.20 4.29 -10.10	82.12 5.41 -0.02	195.65 5.51 -116.59	223.72 6.05 -146.45	150.00 6.43 -72.01	122.45 5.99 -49.55	129.32 4.75 -68.20	96.55 4.65 -36.79	74.02 5.52 0.00	63.40 4.29 -2.79
ASHOKAN____ 23654	38.09 2.92 0.00	36.35 2.74 0.00	38.02 2.85 0.00	37.68 2.84 0.00	36.39 2.77 0.00	36.82 2.92 0.00	48.36 4.38 0.00	66.98 6.40 0.00	52.90 5.29 0.00	43.99 4.20 0.00	48.34 4.43 0.00	52.12 4.84 0.00	52.01 4.78 0.00	56.47 5.15 0.00	68.53 6.72 0.00	85.30 8.60 0.00	82.47 8.92 0.00	85.51 9.57 -4.71	82.05 9.69 -0.79	78.01 9.00 -2.10	92.73 6.90 -29.46	90.87 6.62 -29.14	76.78 8.28 0.00	62.57 6.25 0.00
ASTORIA_EAST_ENERGY_CC1 323581	37.12 1.96 0.00	35.58 1.96 -0.01	37.16 1.99 -0.01	36.88 2.05 0.00	35.47 1.84 0.00	35.82 1.93 0.00	46.87 2.89 0.00	64.64 4.06 0.00	51.07 3.46 0.00	42.49 2.70 0.00	56.10 2.92 -9.27	50.72 3.44 0.00	50.61 3.38 0.00	54.79 3.48 0.00	66.01 4.21 0.00	82.10 5.41 0.00	78.77 5.22 0.00	79.54 5.73 -2.58	78.12 5.87 -0.69	74.14 5.42 -1.82	76.98 4.25 -16.36	75.64 4.30 -16.23	73.69 5.19 0.00	60.25 3.93 0.00
ASTORIA_EAST_ENERGY_CC2 323582	37.12 1.96 0.00	35.59 1.97 -0.01	37.16 1.99 -0.01	36.88 2.05 0.00	35.47 1.84 0.00	35.82 1.93 0.00	46.87 2.89 0.00	64.64 4.06 0.00	51.07 3.46 0.00	42.49 2.70 0.00	56.10 2.92 -9.27	50.72 3.44 0.00	50.61 3.38 0.00	54.79 3.48 0.00	66.01 4.21 0.00	82.10 5.41 0.00	78.77 5.22 0.00	79.54 5.73 -2.58	78.12 5.87 -0.69	74.14 5.42 -1.82	76.98 4.25 -16.36	75.64 4.30 -16.23	73.69 5.19 0.00	60.25 3.93 0.00
ASTORIA_GT2_1 24094	37.15 1.98 0.00	35.60 1.98 -0.01	37.23 2.06 -0.01	36.91 2.07 0.00	35.49 1.87 0.00	35.85 1.96 0.00	46.89 2.92 0.00	64.69 4.11 0.00	51.10 3.49 0.00	42.51 2.72 0.00	56.14 2.95 -9.27	50.76 3.48 0.00	50.65 3.42 0.00	54.86 3.54 0.00	66.06 4.26 0.00	82.14 5.45 0.00	78.85 5.30 0.00	79.61 5.80 -2.58	78.20 5.94 -0.69	74.20 5.47 -1.82	77.03 4.30 -16.36	75.67 4.33 -16.23	73.72 5.22 0.00	60.30 3.98 0.00
ASTORIA_GT2_2 24095	37.15 1.98 0.00	35.60 1.98 -0.01	37.23 2.06 -0.01	36.91 2.07 0.00	35.49 1.87 0.00	35.85 1.96 0.00	46.89 2.92 0.00	64.69 4.11 0.00	51.10 3.49 0.00	42.51 2.72 0.00	56.14 2.95 -9.27	50.76 3.48 0.00	50.65 3.42 0.00	54.86 3.54 0.00	66.06 4.26 0.00	82.14 5.45 0.00	78.85 5.30 0.00	79.61 5.80 -2.58	78.20 5.94 -0.69	74.20 5.47 -1.82	77.03 4.30 -16.36	75.67 4.33 -16.23	73.72 5.22 0.00	60.30 3.98 0.00
ASTORIA_GT2_3 24096	37.15 1.98 0.00	35.60 1.98 -0.01	37.23 2.06 -0.01	36.91 2.07 0.00	35.49 1.87 0.00	35.85 1.96 0.00	46.89 2.92 0.00	64.69 4.11 0.00	51.10 3.49 0.00	42.51 2.72 0.00	56.14 2.95 -9.27	50.76 3.48 0.00	50.65 3.42 0.00	54.86 3.54 0.00	66.06 4.26 0.00	82.14 5.45 0.00	78.85 5.30 0.00	79.61 5.80 -2.58	78.20 5.94 -0.69	74.20 5.47 -1.82	77.03 4.30 -16.36	75.67 4.33 -16.23	73.72 5.22 0.00	60.30 3.98 0.00
ASTORIA_GT2_4 24097	37.15 1.98 0.00	35.60 1.98 -0.01	37.23 2.06 -0.01	36.91 2.07 0.00	35.49 1.87 0.00	35.85 1.96 0.00	46.89 2.92 0.00	64.69 4.11 0.00	51.10 3.49 0.00	42.51 2.72 0.00	56.14 2.95 -9.27	50.76 3.48 0.00	50.65 3.42 0.00	54.86 3.54 0.00	66.06 4.26 0.00	82.14 5.45 0.00	78.85 5.30 0.00	79.61 5.80 -2.58	78.20 5.94 -0.69	74.20 5.47 -1.82	77.03 4.30 -16.36	75.67 4.33 -16.23	73.72 5.22 0.00	60.30 3.98 0.00
ASTORIA_GT3_1 24098	37.15 1.98 0.00	35.60 1.98 -0.01	37.23 2.06 -0.01	36.91 2.07 0.00	35.49 1.87 0.00	35.85 1.96 0.00	46.89 2.92 0.00	64.69 4.11 0.00	51.10 3.49 0.00	42.51 2.72 0.00	56.14 2.95 -9.27	50.76 3.48 0.00	50.65 3.42 0.00	54.86 3.54 0.00	66.06 4.26 0.00	82.14 5.45 0.00	78.85 5.30 0.00	79.61 5.80 -2.58	78.20 5.94 -0.69	74.20 5.47 -1.82	77.03 4.30 -16.36	75.67 4.33 -16.23	73.72 5.22 0.00	60.30 3.98 0.00
ASTORIA_GT3_2 24099	37.15 1.98 0.00	35.60 1.98 -0.01	37.23 2.06 -0.01	36.91 2.07 0.00	35.49 1.87 0.00	35.85 1.96 0.00	46.89 2.92 0.00	64.69 4.11 0.00	51.10 3.49 0.00	42.51 2.72 0.00	56.14 2.95 -9.27	50.76 3.48 0.00	50.65 3.42 0.00	54.86 3.54 0.00	66.06 4.26 0.00	82.14 5.45 0.00	78.85 5.30 0.00	79.61 5.80 -2.58	78.20 5.94 -0.69	74.20 5.47 -1.82	77.03 4.30 -16.36	75.67 4.33 -16.23	73.72 5.22 0.00	60.30 3.98 0.00
ASTORIA_GT3_3 24100	37.15 1.98 0.00	35.60 1.98 -0.01	37.23 2.06 -0.01	36.91 2.07 0.00	35.49 1.87 0.00	35.85 1.96 0.00	46.89 2.92 0.00	64.69 4.11 0.00	51.10 3.49 0.00	42.51 2.72 0.00	56.14 2.95 -9.27	50.76 3.48 0.00	50.65 3.42 0.00	54.86 3.54 0.00	66.06 4.26 0.00	82.14 5.45 0.00	78.85 5.30 0.00	79.61 5.80 -2.58	78.20 5.94 -0.69	74.20 5.47 -1.82	77.03 4.30 -16.36	75.67 4.33 -16.23	73.72 5.22 0.00	60.30 3.98 0.00
ASTORIA_GT3_4 24101	37.15 1.98 0.00	35.60 1.98 -0.01	37.23 2.06 -0.01	36.91 2.07 0.00	35.49 1.87 0.00	35.85 1.96 0.00	46.89 2.92 0.00	64.69 4.11 0.00	51.10 3.49 0.00	42.51 2.72 0.00	56.14 2.95 -9.27	50.76 3.48 0.00	50.65 3.42 0.00	54.86 3.54 0.00	66.06 4.26 0.00	82.14 5.45 0.00	78.85 5.30 0.00	79.61 5.80 -2.58	78.20 5.94 -0.69	74.20 5.47 -1.82	77.03 4.30 -16.36	75.67 4.33 -16.23	73.72 5.22 0.00	60.30 3.98 0.00
ASTORIA_GT4_1 24102	37.15 1.98 0.00	35.60 1.98 -0.01	37.23 2.06 -0.01	36.91 2.07 0.00	35.49 1.87 0.00	35.85 1.96 0.00	46.89 2.92 0.00	64.69 4.11 0.00	51.10 3.49 0.00	42.51 2.72 0.00	56.14 2.95 -9.27	50.76 3.48 0.00	50.65 3.42 0.00	54.86 3.54 0.00	66.06 4.26 0.00	82.14 5.45 0.00	78.85 5.30 0.00	79.61 5.80 -2.58	78.20 5.94 -0.69	74.20 5.47 -1.82	77.03 4.30 -16.36	75.67 4.33 -16.23	73.72 5.22 0.00	60.30 3.98 0.00
ASTORIA_GT4_2 24103	37.15 1.98 0.00	35.60 1.98 -0.01	37.23 2.06 -0.01	36.91 2.07 0.00	35.49 1.87 0.00	35.85 1.96 0.00	46.89 2.92 0.00	64.69 4.11 0.00	51.10 3.49 0.00	42.51 2.72 0.00	56.14 2.95 -9.27	50.76 3.48 0.00	50.65 3.42 0.00	54.86 3.54 0.00	66.06 4.26 0.00	82.14 5.45 0.00	78.85 5.30 0.00	79.61 5.80 -2.58	78.20 5.94 -0.69	74.20 5.47 -1.82	77.03 4.30 -16.36	75.67 4.33 -16.23	73.72 5.22 0.00	60.30 3.98 0.00
ASTORIA_GT4_3 24104	37.15 1.98 0.00	35.60 1.98 -0.01	37.23 2.06 -0.01	36.91 2.07 0.00	35.49 1.87 0.00	35.85 1.96 0.00	46.89 2.92 0.00	64.69 4.11 0.00	51.10 3.49 0.00	42.51 2.72 0.00	56.14 2.95 -9.27	50.76 3.48 0.00	50.65 3.42 0.00	54.86 3.54 0.00	66.06 4.26 0.00	82.14 5.45 0.00	78.85 5.30 0.00	79.61 5.80 -2.58	78.20 5.94 -0.69	74.20 5.47 -1.82	77.03 4.30 -16.36	75.67 4.33 -16.23	73.72 5.22 0.00	60.30 3.98 0.00

ASTORIA_GT4_4 24105	37.15 1.98 0.00	35.60 1.98 -0.01	37.23 2.06 -0.01	36.91 2.07 0.00	35.49 1.87 0.00	35.85 1.96 0.00	46.89 2.92 0.00	64.69 4.11 0.00	51.10 3.49 0.00	42.51 2.72 0.00	56.14 2.95 -9.27	50.76 3.48 0.00	50.65 3.42 0.00	54.86 3.54 0.00	66.06 4.26 0.00	82.14 5.45 0.00	78.85 5.30 0.00	79.61 5.80 -2.58	78.20 5.94 -0.69	74.20 5.47 -1.82	77.03 4.30 -16.36	75.67 4.33 -16.23	73.72 5.22 0.00	60.30 3.98 0.00
ASTORIA_GT_1 23523	37.19 2.03 0.00	35.65 2.03 -0.01	37.23 2.06 -0.01	36.94 2.10 0.00	35.53 1.91 0.00	35.89 2.00 0.00	46.97 2.99 0.00	64.79 4.21 0.00	51.19 3.58 0.00	42.59 2.80 0.00	56.20 3.02 -9.27	50.84 3.56 0.00	50.73 3.50 0.00	54.93 3.62 0.00	66.17 4.36 0.00	82.29 5.60 0.00	78.98 5.43 0.00	79.73 5.92 -2.58	78.33 6.07 -0.69	74.32 5.59 -1.82	77.15 4.42 -16.36	75.77 4.44 -16.23	73.85 5.35 0.00	60.38 4.06 0.00
ASTORIA_GT_10 24110	37.31 2.14 0.00	35.69 2.08 -0.01	37.31 2.14 -0.01	36.98 2.14 0.00	35.60 1.98 0.00	35.97 2.08 0.00	46.99 3.02 0.00	64.74 4.16 0.00	51.13 3.52 0.00	42.52 2.73 0.00	56.18 3.00 -9.27	50.78 3.50 0.00	50.68 3.45 0.00	54.97 3.65 0.00	66.19 4.39 0.00	82.29 5.59 0.00	78.97 5.43 0.00	79.75 5.94 -2.58	78.31 6.06 -0.69	74.41 5.68 -1.82	77.26 4.53 -16.36	75.79 4.46 -16.23	73.84 5.34 0.00	60.35 4.03 0.00
ASTORIA_GT_11 24225	37.31 2.14 0.00	35.69 2.08 -0.01	37.31 2.14 -0.01	36.98 2.14 0.00	35.60 1.98 0.00	35.97 2.08 0.00	46.99 3.02 0.00	64.74 4.16 0.00	51.13 3.52 0.00	42.52 2.73 0.00	56.18 3.00 -9.27	50.78 3.50 0.00	50.68 3.45 0.00	54.97 3.65 0.00	66.19 4.39 0.00	82.29 5.59 0.00	78.97 5.43 0.00	79.75 5.94 -2.58	78.31 6.06 -0.69	74.41 5.68 -1.82	77.26 4.53 -16.36	75.79 4.46 -16.23	73.84 5.34 0.00	60.35 4.03 0.00
ASTORIA_GT_12 24226	37.31 2.14 0.00	35.69 2.08 -0.01	37.31 2.14 -0.01	36.98 2.14 0.00	35.60 1.98 0.00	35.97 2.08 0.00	46.99 3.02 0.00	64.74 4.16 0.00	51.13 3.52 0.00	42.52 2.73 0.00	56.18 3.00 -9.27	50.78 3.50 0.00	50.68 3.45 0.00	54.97 3.65 0.00	66.19 4.39 0.00	82.29 5.59 0.00	78.97 5.43 0.00	79.75 5.94 -2.58	78.31 6.06 -0.69	74.41 5.68 -1.82	77.26 4.53 -16.36	75.79 4.46 -16.23	73.84 5.34 0.00	60.35 4.03 0.00
ASTORIA_GT_13 24227	37.31 2.14 0.00	35.69 2.08 -0.01	37.31 2.14 -0.01	36.98 2.14 0.00	35.60 1.98 0.00	35.97 2.08 0.00	46.99 3.02 0.00	64.74 4.16 0.00	51.13 3.52 0.00	42.52 2.73 0.00	56.18 3.00 -9.27	50.78 3.50 0.00	50.68 3.45 0.00	54.97 3.65 0.00	66.19 4.39 0.00	82.29 5.59 0.00	78.97 5.43 0.00	79.75 5.94 -2.58	78.31 6.06 -0.69	74.41 5.68 -1.82	77.26 4.53 -16.36	75.79 4.46 -16.23	73.84 5.34 0.00	60.35 4.03 0.00
ASTORIA_GT_5 24106	37.20 2.03 0.00	35.65 2.03 -0.01	37.27 2.10 -0.01	36.97 2.13 0.00	35.54 1.91 0.00	35.90 2.00 0.00	46.97 2.99 0.00	64.81 4.23 0.00	51.19 3.57 0.00	42.59 2.80 0.00	56.22 3.04 -9.27	50.85 3.56 0.00	50.75 3.52 0.00	54.95 3.64 0.00	66.19 4.39 0.00	82.31 5.62 0.00	79.00 5.46 0.00	79.75 5.95 -2.58	78.35 6.10 -0.69	74.34 5.61 -1.82	77.15 4.42 -16.36	75.77 4.44 -16.23	73.86 5.36 0.00	60.39 4.07 0.00
ASTORIA_GT_7 24107	37.20 2.03 0.00	35.65 2.03 -0.01	37.27 2.10 -0.01	36.97 2.13 0.00	35.54 1.91 0.00	35.90 2.00 0.00	46.97 2.99 0.00	64.81 4.23 0.00	51.19 3.57 0.00	42.59 2.80 0.00	56.22 3.04 -9.27	50.85 3.56 0.00	50.75 3.52 0.00	54.95 3.64 0.00	66.19 4.39 0.00	82.31 5.62 0.00	79.00 5.46 0.00	79.75 5.95 -2.58	78.35 6.10 -0.69	74.34 5.61 -1.82	77.15 4.42 -16.36	75.77 4.44 -16.23	73.86 5.36 0.00	60.39 4.07 0.00
ASTORIA_GT_8 24108	37.20 2.03 0.00	35.65 2.03 -0.01	37.27 2.10 -0.01	36.97 2.13 0.00	35.54 1.91 0.00	35.90 2.00 0.00	46.97 2.99 0.00	64.81 4.23 0.00	51.19 3.57 0.00	42.59 2.80 0.00	56.22 3.04 -9.27	50.85 3.56 0.00	50.75 3.52 0.00	54.95 3.64 0.00	66.19 4.39 0.00	82.31 5.62 0.00	79.00 5.46 0.00	79.75 5.95 -2.58	78.35 6.10 -0.69	74.34 5.61 -1.82	77.15 4.42 -16.36	75.77 4.44 -16.23	73.86 5.36 0.00	60.39 4.07 0.00
ASTORIA___2 24149	37.15 1.98 0.00	35.60 1.98 -0.01	37.17 2.00 -0.01	36.88 2.05 0.00	35.48 1.86 0.00	35.84 1.95 0.00	46.89 2.92 0.00	64.68 4.10 0.00	51.10 3.49 0.00	42.51 2.72 0.00	56.12 2.93 -9.27	50.76 3.47 0.00	50.64 3.41 0.00	54.83 3.52 0.00	66.05 4.25 0.00	82.14 5.44 0.00	78.82 5.28 0.00	79.59 5.78 -2.58	78.17 5.91 -0.69	74.19 5.46 -1.82	77.03 4.30 -16.36	75.66 4.33 -16.23	73.72 5.22 0.00	60.28 3.96 0.00
ASTORIA___3 23516	37.31 2.14 0.00	35.69 2.07 -0.01	37.28 2.11 -0.01	36.97 2.13 0.00	35.60 1.98 0.00	35.97 2.08 0.00	46.99 3.01 0.00	64.72 4.14 0.00	51.14 3.52 0.00	42.52 2.72 0.00	56.16 2.98 -9.27	50.78 3.50 0.00	50.67 3.44 0.00	54.94 3.62 0.00	66.18 4.38 0.00	82.26 5.57 0.00	78.95 5.40 0.00	79.73 5.92 -2.58	78.27 6.02 -0.69	74.39 5.66 -1.82	77.26 4.53 -16.36	75.78 4.44 -16.23	73.84 5.34 0.00	60.34 4.02 0.00
ASTORIA___4 23517	37.31 2.14 0.00	35.69 2.08 -0.01	37.31 2.14 -0.01	36.98 2.14 0.00	35.60 1.98 0.00	35.97 2.08 0.00	46.99 3.01 0.00	64.74 4.16 0.00	51.13 3.52 0.00	42.52 2.73 0.00	56.18 3.00 -9.27	50.78 3.50 0.00	50.68 3.45 0.00	54.97 3.65 0.00	66.19 4.39 0.00	82.28 5.59 0.00	78.97 5.43 0.00	79.75 5.94 -2.58	78.31 6.06 -0.69	74.41 5.68 -1.82	77.26 4.53 -16.36	75.79 4.46 -16.23	73.84 5.34 0.00	60.35 4.03 0.00
ASTORIA___5 23518	37.31 2.14 0.00	35.69 2.07 -0.01	37.28 2.11 -0.01	36.97 2.13 0.00	35.60 1.98 0.00	35.97 2.08 0.00	46.99 3.01 0.00	64.72 4.14 0.00	51.14 3.52 0.00	42.52 2.72 0.00	56.16 2.98 -9.27	50.78 3.50 0.00	50.67 3.44 0.00	54.94 3.63 0.00	66.18 4.38 0.00	82.26 5.57 0.00	78.95 5.40 0.00	79.73 5.92 -2.58	78.27 6.02 -0.69	74.39 5.66 -1.82	77.26 4.53 -16.36	75.78 4.44 -16.23	73.84 5.34 0.00	60.34 4.02 0.00
AST_ENERGY_2_CC3 323677	37.15 1.98 0.00	35.55 1.94 0.00	37.13 1.96 0.00	36.80 1.96 0.00	35.37 1.74 0.00	35.77 1.88 0.00	46.78 2.80 0.00	64.36 3.79 0.00	50.87 3.26 0.00	42.31 2.51 0.00	55.96 2.78 -9.28	50.51 3.23 0.00	50.44 3.21 0.00	54.72 3.41 0.00	65.94 4.13 0.00	81.98 5.29 0.00	78.67 5.12 0.00	79.48 5.67 -2.58	77.97 5.71 -0.69	74.13 5.40 -1.82	77.02 4.29 -16.36	75.52 4.19 -16.23	73.65 5.15 0.00	60.09 3.77 0.00
AST_ENERGY_2_CC4 323678	37.15 1.98 0.00	35.55 1.94 0.00	37.13 1.96 0.00	36.80 1.96 0.00	35.37 1.74 0.00	35.77 1.88 0.00	46.78 2.80 0.00	64.36 3.79 0.00	50.87 3.26 0.00	42.31 2.51 0.00	55.96 2.78 -9.28	50.51 3.23 0.00	50.44 3.21 0.00	54.72 3.41 0.00	65.94 4.13 0.00	81.98 5.29 0.00	78.67 5.12 0.00	79.48 5.67 -2.58	77.97 5.71 -0.69	74.13 5.40 -1.82	77.02 4.29 -16.36	75.52 4.19 -16.23	73.65 5.15 0.00	60.09 3.77 0.00

ATHENS_STG_1 23668	36.46 1.30 0.00	34.86 1.25 0.00	36.50 1.34 0.00	36.17 1.34 0.00	34.89 1.27 0.00	35.15 1.26 0.00	45.73 1.76 0.00	62.92 2.34 0.00	49.53 1.91 0.00	41.23 1.44 0.00	48.82 1.58 -3.33	49.11 1.82 0.00	49.06 1.83 0.00	53.28 1.96 0.00	64.17 2.37 0.00	79.75 3.06 0.00	76.42 2.88 0.00	77.06 3.18 -2.66	75.52 3.15 -0.80	72.22 3.18 -2.12	75.88 2.62 -16.89	74.47 2.59 -16.78	71.61 3.11 0.00	58.63 2.31 0.00
ATHENS_STG_2 23670	36.46 1.30 0.00	34.86 1.25 0.00	36.50 1.34 0.00	36.17 1.34 0.00	34.89 1.27 0.00	35.15 1.26 0.00	45.73 1.76 0.00	62.92 2.34 0.00	49.53 1.91 0.00	41.23 1.44 0.00	48.82 1.58 -3.33	49.11 1.82 0.00	49.06 1.83 0.00	53.28 1.96 0.00	64.17 2.37 0.00	79.75 3.06 0.00	76.42 2.88 0.00	77.06 3.18 -2.66	75.52 3.15 -0.80	72.22 3.18 -2.12	75.88 2.62 -16.89	74.47 2.59 -16.78	71.61 3.11 0.00	58.63 2.31 0.00
ATHENS_STG_3 23677	36.46 1.30 0.00	34.86 1.25 0.00	36.50 1.34 0.00	36.17 1.34 0.00	34.89 1.27 0.00	35.15 1.26 0.00	45.73 1.76 0.00	62.92 2.34 0.00	49.53 1.91 0.00	41.23 1.44 0.00	48.82 1.58 -3.33	49.11 1.82 0.00	49.06 1.83 0.00	53.28 1.96 0.00	64.17 2.37 0.00	79.75 3.06 0.00	76.42 2.88 0.00	77.06 3.18 -2.66	75.52 3.15 -0.80	72.22 3.18 -2.12	75.88 2.62 -16.89	74.47 2.59 -16.78	71.61 3.11 0.00	58.63 2.31 0.00
AUBURN___LFGE 323710	34.41 -0.75 0.00	32.91 -0.70 0.00	34.43 -0.73 0.00	34.10 -0.74 0.00	32.95 -0.68 0.00	33.31 -0.58 0.00	43.22 -0.76 0.00	59.95 -1.14 -0.51	47.61 -0.77 -0.77	39.12 -0.67 0.00	43.19 -0.72 0.00	46.43 -0.86 0.00	46.48 -0.75 0.00	50.46 -0.85 0.00	60.75 -1.06 0.00	75.50 -1.19 0.00	72.45 -1.10 0.00	70.93 -0.64 -0.34	71.25 -0.41 -0.09	66.69 -0.46 -0.23	58.01 -0.52 -2.16	56.65 -0.59 -2.14	67.73 -0.77 0.00	55.63 -0.69 0.00
BABYLON_RES_REC 323704	37.78 2.61 0.00	35.97 2.37 0.00	37.64 2.47 0.00	37.31 2.48 0.00	35.97 2.34 0.00	36.52 2.63 0.00	51.61 3.90 -3.74	65.56 4.98 0.00	51.76 4.15 0.00	43.14 3.34 0.00	61.83 3.80 -14.12	65.06 4.33 -13.45	64.03 4.36 -12.44	55.73 4.41 -0.01	67.09 5.29 0.00	83.48 6.78 0.00	79.74 6.19 0.00	80.89 7.08 -2.59	81.83 7.17 -3.10	75.94 6.63 -2.39	78.15 5.41 -16.37	76.59 5.24 -16.24	77.76 6.62 -2.64	61.34 5.02 0.00
BABYLON___69_KV_BK2 356345	38.14 2.97 0.00	36.30 2.69 0.00	38.00 2.84 0.00	37.66 2.83 0.00	36.29 2.67 0.00	36.86 2.96 0.00	52.01 4.38 -3.66	66.17 5.59 0.00	52.22 4.60 0.00	43.54 3.75 0.00	62.22 4.29 -14.02	65.31 4.85 -13.17	64.34 4.93 -12.18	56.29 4.97 -0.01	67.75 5.95 0.00	84.28 7.58 0.00	80.37 6.83 0.00	81.61 7.80 -2.59	82.49 7.88 -3.05	76.58 7.29 -2.38	78.69 5.95 -16.37	77.11 5.77 -16.24	78.39 7.31 -2.58	61.97 5.65 0.00
BALL_HILL_WT_PWR 323825	22.81 -4.39 7.97	15.90 -4.28 13.43	15.88 -4.52 14.76	15.73 -4.54 14.57	17.39 -4.29 11.94	15.17 -4.06 14.66	22.61 -4.98 16.38	34.70 -6.91 18.97	41.12 -5.96 0.54	28.71 -3.97 7.11	29.44 -4.36 10.11	25.56 -4.87 16.85	23.12 -4.88 19.23	23.94 -5.38 22.00	32.72 -6.54 22.54	42.11 -8.17 26.42	39.68 -7.84 26.03	38.52 -7.43 25.28	38.92 -7.70 24.95	34.61 -7.65 24.64	29.28 -6.60 20.50	28.44 -6.50 20.16	42.41 -6.70 19.39	38.11 -4.90 13.30
BARON_WINDS___WT_PWR 323822	-9.60 -3.40 41.36	-39.45 -3.28 69.78	-45.00 -3.36 76.81	-44.28 -3.35 75.77	-31.67 -3.19 62.11	-45.26 -2.88 76.28	-44.79 -3.75 85.02	-39.60 -5.37 94.81	45.18 -3.06 -0.63	-0.47 -3.45 36.81	-12.16 -3.73 52.34	-43.95 -3.96 87.28	-55.90 -3.54 99.59	-66.44 -3.84 113.91	-59.70 -4.76 116.74	-65.81 -5.66 136.85	-66.96 -5.53 134.98	-66.48 -4.87 132.84	-63.35 -5.08 129.84	-67.06 -4.97 129.00	-65.49 -4.53 117.34	-65.11 -4.35 115.87	-38.02 -5.64 100.88	-17.58 -4.68 69.23
BARRETT_IC_1 23704	37.51 2.34 0.00	35.76 2.15 0.00	37.40 2.23 0.00	37.08 2.24 0.00	35.76 2.13 0.00	36.27 2.38 0.00	50.92 3.48 -3.46	65.02 4.44 0.00	51.31 3.70 0.00	42.74 2.95 0.00	61.04 3.38 -13.76	63.52 3.79 -12.45	62.65 3.91 -11.51	55.34 4.01 -0.01	66.61 4.81 0.00	82.76 6.06 0.00	78.98 5.43 0.00	80.00 6.19 -2.59	80.76 6.28 -2.92	75.24 5.98 -2.35	77.68 4.94 -16.37	76.15 4.81 -16.24	76.87 5.93 -2.44	60.79 4.47 0.00
BARRETT_IC_10 23701	37.51 2.34 0.00	35.76 2.15 0.00	37.40 2.23 0.00	37.08 2.24 0.00	35.76 2.13 0.00	36.27 2.38 0.00	50.92 3.48 -3.46	65.02 4.44 0.00	51.31 3.70 0.00	42.74 2.95 0.00	61.04 3.38 -13.76	63.52 3.79 -12.45	62.65 3.91 -11.51	55.34 4.01 -0.01	66.61 4.81 0.00	82.76 6.06 0.00	78.98 5.43 0.00	80.00 6.19 -2.59	80.76 6.28 -2.92	75.24 5.98 -2.35	77.68 4.94 -16.37	76.15 4.81 -16.24	76.87 5.93 -2.44	60.79 4.47 0.00
BARRETT_IC_11 23702	37.51 2.34 0.00	35.76 2.15 0.00	37.40 2.23 0.00	37.08 2.24 0.00	35.76 2.13 0.00	36.27 2.38 0.00	50.92 3.48 -3.46	65.02 4.44 0.00	51.31 3.70 0.00	42.74 2.95 0.00	61.04 3.38 -13.76	63.52 3.79 -12.45	62.65 3.91 -11.51	55.34 4.01 -0.01	66.61 4.81 0.00	82.76 6.06 0.00	78.98 5.43 0.00	80.00 6.19 -2.59	80.76 6.28 -2.92	75.24 5.98 -2.35	77.68 4.94 -16.37	76.15 4.81 -16.24	76.87 5.93 -2.44	60.79 4.47 0.00
BARRETT_IC_12 23703	37.51 2.34 0.00	35.76 2.15 0.00	37.40 2.23 0.00	37.08 2.24 0.00	35.76 2.13 0.00	36.27 2.38 0.00	50.92 3.48 -3.46	65.02 4.44 0.00	51.31 3.70 0.00	42.74 2.95 0.00	61.04 3.38 -13.76	63.52 3.79 -12.45	62.65 3.91 -11.51	55.34 4.01 -0.01	66.61 4.81 0.00	82.76 6.06 0.00	78.98 5.43 0.00	80.00 6.19 -2.59	80.76 6.28 -2.92	75.24 5.98 -2.35	77.68 4.94 -16.37	76.15 4.81 -16.24	76.87 5.93 -2.44	60.79 4.47 0.00
BARRETT_IC_2 23705	37.51 2.34 0.00	35.76 2.15 0.00	37.40 2.23 0.00	37.08 2.24 0.00	35.76 2.13 0.00	36.27 2.38 0.00	50.92 3.48 -3.46	65.02 4.44 0.00	51.31 3.70 0.00	42.74 2.95 0.00	61.04 3.38 -13.76	63.52 3.79 -12.45	62.65 3.91 -11.51	55.34 4.01 -0.01	66.61 4.81 0.00	82.76 6.06 0.00	78.98 5.43 0.00	80.00 6.19 -2.59	80.76 6.28 -2.92	75.24 5.98 -2.35	77.68 4.94 -16.37	76.15 4.81 -16.24	76.87 5.93 -2.44	60.79 4.47 0.00
BARRETT_IC_3 23706	37.51 2.34 0.00	35.76 2.15 0.00	37.40 2.23 0.00	37.08 2.24 0.00	35.76 2.13 0.00	36.27 2.38 0.00	50.92 3.48 -3.46	65.02 4.44 0.00	51.31 3.70 0.00	42.74 2.95 0.00	61.04 3.38 -13.76	63.52 3.79 -12.45	62.65 3.91 -11.51	55.34 4.01 -0.01	66.61 4.81 0.00	82.76 6.06 0.00	78.98 5.43 0.00	80.00 6.19 -2.59	80.76 6.28 -2.92	75.24 5.98 -2.35	77.68 4.94 -16.37	76.15 4.81 -16.24	76.87 5.93 -2.44	60.79 4.47 0.00
BARRETT_IC_4 23707	37.51 2.34 0.00	35.76 2.15 0.00	37.40 2.23 0.00	37.08 2.24 0.00	35.76 2.13 0.00	36.27 2.38 0.00	50.92 3.48 -3.46	65.02 4.44 0.00	51.31 3.70 0.00	42.74 2.95 0.00	61.04 3.38 -13.76	63.52 3.79 -12.45	62.65 3.91 -11.51	55.34 4.01 -0.01	66.61 4.81 0.00	82.76 6.06 0.00	78.98 5.43 0.00	80.00 6.19 -2.59	80.76 6.28 -2.92	75.24 5.98 -2.35	77.68 4.94 -16.37	76.15 4.81 -16.24	76.87 5.93 -2.44	60.79 4.47 0.00

BARRETT_IC_5 23708	37.51 2.34 0.00	35.76 2.15 0.00	37.40 2.23 0.00	37.08 2.24 0.00	35.76 2.13 0.00	36.27 2.38 0.00	50.92 3.48 -3.46	65.02 4.44 0.00	51.31 3.70 0.00	42.74 2.95 0.00	61.04 3.38 -13.76	63.52 3.79 -12.45	62.65 3.91 -11.51	55.34 4.01 -0.01	66.61 4.81 0.00	82.76 6.06 0.00	78.98 5.43 0.00	80.00 6.19 -2.59	80.76 6.28 -2.92	75.24 5.98 -2.35	77.68 4.94 -16.37	76.15 4.81 -16.24	76.87 5.93 -2.44	60.79 4.47 0.00
BARRETT_IC_6 23709	37.51 2.34 0.00	35.76 2.15 0.00	37.40 2.23 0.00	37.08 2.24 0.00	35.76 2.13 0.00	36.27 2.38 0.00	50.92 3.48 -3.46	65.02 4.44 0.00	51.31 3.70 0.00	42.74 2.95 0.00	61.04 3.38 -13.76	63.52 3.79 -12.45	62.65 3.91 -11.51	55.34 4.01 -0.01	66.61 4.81 0.00	82.76 6.06 0.00	78.98 5.43 0.00	80.00 6.19 -2.59	80.76 6.28 -2.92	75.24 5.98 -2.35	77.68 4.94 -16.37	76.15 4.81 -16.24	76.87 5.93 -2.44	60.79 4.47 0.00
BARRETT_IC_7 23710	37.52 2.35 0.00	35.75 2.14 0.00	37.41 2.25 0.00	37.09 2.26 0.00	35.75 2.13 0.00	36.27 2.38 0.00	50.91 3.48 -3.46	65.04 4.46 0.00	51.31 3.70 0.00	42.74 2.94 0.00	61.04 3.37 -13.76	63.54 3.81 -12.45	62.65 3.91 -11.51	55.36 4.03 -0.01	66.63 4.83 0.00	82.78 6.09 0.00	79.01 5.47 0.00	80.04 6.23 -2.59	80.80 6.31 -2.92	75.25 5.99 -2.35	77.69 4.95 -16.37	76.17 4.83 -16.24	76.87 5.93 -2.44	60.79 4.48 0.00
BARRETT_IC_8 23711	37.51 2.34 0.00	35.76 2.15 0.00	37.40 2.23 0.00	37.08 2.24 0.00	35.76 2.13 0.00	36.27 2.38 0.00	50.92 3.48 -3.46	65.02 4.44 0.00	51.31 3.70 0.00	42.74 2.95 0.00	61.04 3.38 -13.76	63.52 3.79 -12.45	62.65 3.91 -11.51	55.34 4.01 -0.01	66.61 4.81 0.00	82.76 6.06 0.00	78.98 5.43 0.00	80.00 6.19 -2.59	80.76 6.28 -2.92	75.24 5.98 -2.35	77.68 4.94 -16.37	76.15 4.81 -16.24	76.87 5.93 -2.44	60.79 4.47 0.00
BARRETT_IC_9 23700	37.51 2.34 0.00	35.76 2.15 0.00	37.40 2.23 0.00	37.08 2.24 0.00	35.76 2.13 0.00	36.27 2.38 0.00	50.92 3.48 -3.46	65.02 4.44 0.00	51.31 3.70 0.00	42.74 2.95 0.00	61.04 3.38 -13.76	63.52 3.79 -12.45	62.65 3.91 -11.51	55.34 4.01 -0.01	66.61 4.81 0.00	82.76 6.06 0.00	78.98 5.43 0.00	80.00 6.19 -2.59	80.76 6.28 -2.92	75.24 5.98 -2.35	77.68 4.94 -16.37	76.15 4.81 -16.24	76.87 5.93 -2.44	60.79 4.47 0.00
BARRETT___1 23545	37.51 2.34 0.00	35.76 2.15 0.00	37.40 2.23 0.00	37.08 2.24 0.00	35.76 2.13 0.00	36.27 2.38 0.00	50.92 3.48 -3.46	65.02 4.44 0.00	51.31 3.70 0.00	42.74 2.95 0.00	61.04 3.38 -13.76	63.52 3.79 -12.45	62.65 3.91 -11.51	55.34 4.01 -0.01	66.61 4.81 0.00	82.76 6.06 0.00	78.98 5.43 0.00	80.00 6.19 -2.59	80.76 6.28 -2.92	75.24 5.98 -2.35	77.68 4.94 -16.37	76.15 4.81 -16.24	76.87 5.93 -2.44	60.79 4.47 0.00
BARRETT___2 23546	37.51 2.34 0.00	35.76 2.15 0.00	37.40 2.23 0.00	37.08 2.24 0.00	35.76 2.13 0.00	36.27 2.38 0.00	50.92 3.48 -3.46	65.02 4.44 0.00	51.31 3.70 0.00	42.74 2.95 0.00	61.04 3.38 -13.76	63.52 3.79 -12.45	62.65 3.91 -11.51	55.34 4.01 -0.01	66.61 4.81 0.00	82.76 6.06 0.00	78.98 5.43 0.00	80.00 6.19 -2.59	80.76 6.28 -2.92	75.24 5.98 -2.35	77.68 4.94 -16.37	76.15 4.81 -16.24	76.87 5.93 -2.44	60.79 4.47 0.00
BATAVIA___115KV_TB1 55881	27.87 -3.37 3.93	23.76 -3.26 6.59	24.44 -3.54 7.18	24.21 -3.55 7.09	24.56 -3.26 5.81	23.72 -3.04 7.13	34.23 -2.83 6.92	49.50 -3.30 7.78	42.72 -4.14 0.75	33.81 -2.67 3.31	36.18 -3.02 4.71	35.94 -3.50 7.85	34.69 -3.58 8.95	37.08 -4.00 10.24	46.73 -4.58 10.50	58.36 -5.77 12.57	55.10 -5.54 12.90	53.84 -5.01 12.37	53.94 -5.30 12.32	49.30 -5.51 12.10	42.34 -4.87 9.16	41.18 -4.90 9.02	54.33 -4.74 9.43	46.50 -3.34 6.48
BAYONEEC___CTG1 323682	37.13 1.96 0.00	35.51 1.89 0.00	37.11 1.94 0.00	36.78 1.95 0.00	35.44 1.82 0.00	35.85 1.95 0.00	46.88 2.90 0.00	64.52 3.94 0.00	50.98 3.37 0.00	42.38 2.59 0.00	56.05 2.86 -9.28	50.61 3.32 0.00	50.53 3.30 0.00	54.81 3.50 0.00	66.05 4.25 0.00	82.11 5.41 0.00	78.79 5.24 0.00	79.59 5.78 -2.58	78.07 5.81 -0.69	74.23 5.50 -1.82	77.11 4.38 -16.36	75.61 4.28 -16.23	73.64 5.14 0.00	60.14 3.82 0.00
BAYONEEC___CTG10 323750	37.13 1.96 0.00	35.51 1.89 0.00	37.11 1.94 0.00	36.78 1.95 0.00	35.44 1.82 0.00	35.85 1.95 0.00	46.88 2.90 0.00	64.52 3.94 0.00	50.98 3.37 0.00	42.38 2.59 0.00	56.05 2.86 -9.28	50.61 3.32 0.00	50.53 3.30 0.00	54.81 3.50 0.00	66.05 4.25 0.00	82.11 5.41 0.00	78.79 5.24 0.00	79.59 5.78 -2.58	78.07 5.81 -0.69	74.23 5.50 -1.82	77.11 4.38 -16.36	75.61 4.28 -16.23	73.64 5.14 0.00	60.14 3.82 0.00
BAYONEEC___CTG2 323683	37.13 1.96 0.00	35.51 1.89 0.00	37.11 1.94 0.00	36.78 1.95 0.00	35.44 1.82 0.00	35.85 1.95 0.00	46.88 2.90 0.00	64.52 3.94 0.00	50.98 3.37 0.00	42.38 2.59 0.00	56.05 2.86 -9.28	50.61 3.32 0.00	50.53 3.30 0.00	54.81 3.50 0.00	66.05 4.25 0.00	82.11 5.41 0.00	78.79 5.24 0.00	79.59 5.78 -2.58	78.07 5.81 -0.69	74.23 5.50 -1.82	77.11 4.38 -16.36	75.61 4.28 -16.23	73.64 5.14 0.00	60.14 3.82 0.00
BAYONEEC___CTG3 323684	37.13 1.96 0.00	35.51 1.89 0.00	37.11 1.94 0.00	36.78 1.95 0.00	35.44 1.82 0.00	35.85 1.95 0.00	46.88 2.90 0.00	64.52 3.94 0.00	50.98 3.37 0.00	42.38 2.59 0.00	56.05 2.86 -9.28	50.61 3.32 0.00	50.53 3.30 0.00	54.81 3.50 0.00	66.05 4.25 0.00	82.11 5.41 0.00	78.79 5.24 0.00	79.59 5.78 -2.58	78.07 5.81 -0.69	74.23 5.50 -1.82	77.11 4.38 -16.36	75.61 4.28 -16.23	73.64 5.14 0.00	60.14 3.82 0.00
BAYONEEC___CTG4 323685	37.13 1.96 0.00	35.51 1.89 0.00	37.11 1.94 0.00	36.78 1.95 0.00	35.44 1.82 0.00	35.85 1.95 0.00	46.88 2.90 0.00	64.52 3.94 0.00	50.98 3.37 0.00	42.38 2.59 0.00	56.05 2.86 -9.28	50.61 3.32 0.00	50.53 3.30 0.00	54.81 3.50 0.00	66.05 4.25 0.00	82.11 5.41 0.00	78.79 5.24 0.00	79.59 5.78 -2.58	78.07 5.81 -0.69	74.23 5.50 -1.82	77.11 4.38 -16.36	75.61 4.28 -16.23	73.64 5.14 0.00	60.14 3.82 0.00
BAYONEEC___CTG5 323686	37.13 1.96 0.00	35.51 1.89 0.00	37.11 1.94 0.00	36.78 1.95 0.00	35.44 1.82 0.00	35.85 1.95 0.00	46.88 2.90 0.00	64.52 3.94 0.00	50.98 3.37 0.00	42.38 2.59 0.00	56.05 2.86 -9.28	50.61 3.32 0.00	50.53 3.30 0.00	54.81 3.50 0.00	66.05 4.25 0.00	82.11 5.41 0.00	78.79 5.24 0.00	79.59 5.78 -2.58	78.07 5.81 -0.69	74.23 5.50 -1.82	77.11 4.38 -16.36	75.61 4.28 -16.23	73.64 5.14 0.00	60.14 3.82 0.00
BAYONEEC___CTG6 323687	37.13 1.96 0.00	35.51 1.89 0.00	37.11 1.94 0.00	36.78 1.95 0.00	35.44 1.82 0.00	35.85 1.95 0.00	46.88 2.90 0.00	64.52 3.94 0.00	50.98 3.37 0.00	42.38 2.59 0.00	56.05 2.86 -9.28	50.61 3.32 0.00	50.53 3.30 0.00	54.81 3.50 0.00	66.05 4.25 0.00	82.11 5.41 0.00	78.79 5.24 0.00	79.59 5.78 -2.58	78.07 5.81 -0.69	74.23 5.50 -1.82	77.11 4.38 -16.36	75.61 4.28 -16.23	73.64 5.14 0.00	60.14 3.82 0.00

BAYONEEC___CTG7 323688	37.13 1.96 0.00	35.51 1.89 0.00	37.11 1.94 0.00	36.78 1.95 0.00	35.44 1.82 0.00	35.85 1.95 0.00	46.88 2.90 0.00	64.52 3.94 0.00	50.98 3.37 0.00	42.38 2.59 0.00	56.05 2.86 -9.28	50.61 3.32 0.00	50.53 3.30 0.00	54.81 3.50 0.00	66.05 4.25 0.00	82.11 5.41 0.00	78.79 5.24 0.00	79.59 5.78 -2.58	78.07 5.81 -0.69	74.23 5.50 -1.82	77.11 4.38 -16.36	75.61 4.28 -16.23	73.64 5.14 0.00	60.14 3.82 0.00
BAYONEEC___CTG8 323689	37.13 1.96 0.00	35.51 1.89 0.00	37.11 1.94 0.00	36.78 1.95 0.00	35.44 1.82 0.00	35.85 1.95 0.00	46.88 2.90 0.00	64.52 3.94 0.00	50.98 3.37 0.00	42.38 2.59 0.00	56.05 2.86 -9.28	50.61 3.32 0.00	50.53 3.30 0.00	54.81 3.50 0.00	66.05 4.25 0.00	82.11 5.41 0.00	78.79 5.24 0.00	79.59 5.78 -2.58	78.07 5.81 -0.69	74.23 5.50 -1.82	77.11 4.38 -16.36	75.61 4.28 -16.23	73.64 5.14 0.00	60.14 3.82 0.00
BAYONEEC___CTG9 323749	37.13 1.96 0.00	35.51 1.89 0.00	37.11 1.94 0.00	36.78 1.95 0.00	35.44 1.82 0.00	35.85 1.95 0.00	46.88 2.90 0.00	64.52 3.94 0.00	50.98 3.37 0.00	42.38 2.59 0.00	56.05 2.86 -9.28	50.61 3.32 0.00	50.53 3.30 0.00	54.81 3.50 0.00	66.05 4.25 0.00	82.11 5.41 0.00	78.79 5.24 0.00	79.59 5.78 -2.58	78.07 5.81 -0.69	74.23 5.50 -1.82	77.11 4.38 -16.36	75.61 4.28 -16.23	73.64 5.14 0.00	60.14 3.82 0.00
BEACON___LESR 323632	37.11 1.94 0.00	35.49 1.88 0.00	37.12 1.96 0.00	36.74 1.90 0.00	35.51 1.88 0.00	35.77 1.88 0.00	46.50 2.53 0.00	63.97 3.39 0.00	50.42 2.80 0.00	41.85 2.06 0.00	48.31 2.39 -2.01	49.91 2.63 0.00	49.85 2.63 0.00	54.22 2.91 0.00	65.39 3.59 0.00	81.37 4.68 0.00	77.97 4.43 0.00	82.93 4.75 -6.95	77.19 4.73 -0.89	73.93 4.65 -2.37	103.53 3.85 -43.31	101.70 3.81 -42.78	72.96 4.46 0.00	59.65 3.33 0.00
BEAVER RIVER___HYD 24048	33.59 -1.58 0.00	32.02 -1.60 0.00	33.41 -1.75 0.00	33.13 -1.71 0.00	32.07 -1.56 0.00	32.35 -1.54 0.00	42.11 -1.86 0.00	58.29 -2.29 0.00	45.67 -1.94 0.00	38.23 -1.56 0.00	41.98 -1.93 0.00	45.29 -2.00 0.00	44.77 -2.46 0.00	48.47 -2.84 0.00	58.75 -3.06 0.00	73.30 -3.40 0.00	70.80 -2.74 0.00	68.91 -2.32 0.00	69.06 -2.54 -0.03	64.44 -2.54 -0.07	54.12 -2.27 -0.02	52.67 -2.46 -0.02	65.27 -3.23 0.00	53.71 -2.61 0.00
BEEBEE_GT_13 23619	32.40 -2.77 0.00	30.93 -2.68 0.00	32.27 -2.89 0.00	31.94 -2.90 0.00	30.94 -2.69 0.00	31.32 -2.57 0.00	40.83 -3.15 0.58	55.76 -4.25 0.90	43.21 -3.50 0.00	37.30 -2.49 0.00	41.13 -2.78 0.00	44.13 -3.15 0.00	44.07 -3.16 0.00	47.89 -3.42 0.00	57.73 -4.08 0.00	71.64 -5.05 0.00	68.69 -4.86 0.00	66.78 -4.45 0.00	67.01 -4.64 -0.09	62.46 -4.68 -0.23	52.31 -4.12 -0.07	51.06 -4.13 -0.09	64.15 -4.35 0.00	53.05 -3.27 0.00
BENSHRST_27_KV_BENSHRST_1 355998	289.55 2.46 -251.92	58.54 2.38 -22.55	58.28 2.45 -20.66	58.26 2.44 -20.98	58.25 2.25 -22.38	58.47 2.37 -22.20	59.57 3.50 -12.10	96.30 4.81 -30.90	59.49 4.06 -7.82	66.09 3.14 -23.15	65.01 3.48 -17.63	59.80 4.05 -8.47	59.62 4.00 -8.39	104.98 4.25 -49.42	76.96 5.06 -10.10	83.11 6.40 -0.02	204.77 6.33 -124.89	302.82 6.82 -224.77	150.65 7.07 -72.01	123.05 6.59 -49.55	129.86 5.29 -68.20	97.07 5.17 -36.79	74.69 6.19 0.00	63.84 4.73 -2.79
BETHLEHEM___GRP 23843	36.74 1.58 0.00	35.14 1.52 0.00	36.76 1.60 0.00	36.42 1.59 0.00	35.13 1.50 0.00	35.34 1.45 0.00	45.85 1.87 0.00	63.09 2.51 0.00	49.62 2.01 0.00	41.29 1.49 0.00	47.60 1.69 -2.00	49.21 1.92 0.00	49.20 1.97 0.00	53.45 2.14 0.00	64.45 2.65 0.00	80.06 3.37 0.00	76.70 3.16 0.00	81.47 3.39 -6.86	75.78 3.32 -0.90	72.62 3.34 -2.38	101.92 2.81 -42.74	100.11 2.78 -42.22	71.80 3.30 0.00	58.71 2.40 0.00
BETHLEHEM___GS1 323560	36.75 1.58 0.00	35.14 1.52 0.00	36.76 1.59 0.00	36.42 1.58 0.00	35.12 1.49 0.00	35.34 1.45 0.00	45.85 1.87 0.00	63.09 2.51 0.00	49.62 2.01 0.00	41.29 1.49 0.00	47.59 1.68 -2.00	49.21 1.92 0.00	49.19 1.96 0.00	53.45 2.14 0.00	64.45 2.64 0.00	80.05 3.36 0.00	76.69 3.15 0.00	81.47 3.38 -6.86	75.78 3.32 -0.90	72.61 3.33 -2.38	101.93 2.82 -42.74	100.11 2.78 -42.22	71.80 3.30 0.00	58.71 2.39 0.00
BETHLEHEM___GS2 323561	36.75 1.58 0.00	35.14 1.52 0.00	36.76 1.59 0.00	36.42 1.58 0.00	35.12 1.49 0.00	35.34 1.45 0.00	45.85 1.87 0.00	63.09 2.51 0.00	49.62 2.01 0.00	41.29 1.49 0.00	47.59 1.68 -2.00	49.21 1.92 0.00	49.19 1.96 0.00	53.45 2.14 0.00	64.45 2.64 0.00	80.05 3.36 0.00	76.69 3.15 0.00	81.47 3.38 -6.86	75.78 3.32 -0.90	72.61 3.33 -2.38	101.93 2.82 -42.74	100.11 2.78 -42.22	71.80 3.30 0.00	58.71 2.39 0.00
BETHLEHEM___GS3 323562	36.75 1.58 0.00	35.14 1.52 0.00	36.76 1.59 0.00	36.42 1.58 0.00	35.12 1.49 0.00	35.34 1.45 0.00	45.85 1.87 0.00	63.09 2.51 0.00	49.62 2.01 0.00	41.29 1.49 0.00	47.59 1.68 -2.00	49.21 1.92 0.00	49.19 1.96 0.00	53.45 2.14 0.00	64.45 2.64 0.00	80.05 3.36 0.00	76.69 3.15 0.00	81.47 3.38 -6.86	75.78 3.32 -0.90	72.61 3.33 -2.38	101.93 2.82 -42.74	100.11 2.78 -42.22	71.80 3.30 0.00	58.71 2.39 0.00
BETHLEHEM___STEEL 23779	23.54 -4.22 7.41	17.04 -4.08 12.48	17.08 -4.38 13.70	16.92 -4.39 13.52	18.43 -4.11 11.08	16.36 -3.92 13.61	23.94 -4.83 15.21	36.18 -6.71 17.69	41.27 -5.81 0.54	29.28 -3.89 6.62	30.15 -4.35 9.41	26.69 -4.91 15.68	24.43 -4.90 17.90	25.45 -5.39 20.47	34.31 -6.51 20.98	44.02 -8.09 24.59	41.52 -7.80 24.22	40.44 -7.29 23.49	40.77 -7.59 23.21	36.42 -7.58 22.91	30.88 -6.61 18.88	30.08 -6.46 18.57	43.93 -6.58 18.00	39.15 -4.81 12.35
BETHLHEM_115KV_TB1 79974	36.67 1.50 0.00	35.07 1.46 0.00	36.69 1.53 0.00	36.35 1.52 0.00	35.06 1.43 0.00	35.28 1.39 0.00	45.77 1.80 0.00	62.99 2.41 0.00	49.54 1.93 0.00	41.22 1.43 0.00	47.52 1.61 -2.00	49.13 1.85 0.00	49.11 1.88 0.00	53.36 2.05 0.00	64.33 2.53 0.00	79.92 3.23 0.00	76.57 3.02 0.00	81.12 3.25 -6.64	75.64 3.18 -0.90	72.49 3.21 -2.37	100.48 2.70 -41.41	98.69 2.67 -40.91	71.67 3.17 0.00	58.63 2.31 0.00
BETHPAGE_CC_5 323564	37.73 2.56 0.00	35.95 2.34 0.00	37.60 2.44 0.00	37.28 2.44 0.00	35.94 2.31 0.00	36.47 2.58 0.00	51.76 3.82 -3.96	65.48 4.90 0.00	51.71 4.10 0.00	43.08 3.29 0.00	62.04 3.71 -14.42	65.75 4.21 -14.26	64.70 4.28 -13.18	55.71 4.39 -0.01	67.01 5.21 0.00	83.34 6.65 0.00	79.58 6.03 0.00	80.66 6.85 -2.59	81.73 6.92 -3.24	75.79 6.45 -2.43	78.01 5.27 -16.37	76.44 5.10 -16.24	77.81 6.51 -2.80	61.22 4.90 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	24.20 -4.02 6.95	18.01 -3.89 11.71	18.16 -4.15 12.85	17.97 -4.18 12.68	19.33 -3.90 10.40	17.42 -3.71 12.77	25.14 -4.57 14.27	37.60 -6.37 16.62	41.58 -5.51 6.21	29.93 -3.65 6.21	31.01 -4.07 8.83	27.97 -4.60 14.72	25.84 -4.59 16.80	27.03 -5.08 19.21	36.02 -6.09 19.69	46.05 -7.57 23.08	43.47 -7.34 22.73	42.38 -6.83 22.01	42.68 -7.11 21.77	38.30 -7.13 21.48	32.63 -6.25 17.49	31.81 -6.08 17.21	45.43 -6.18 16.88	40.25 -4.49 11.59

BINGHAMTON___COGEN 23790	34.43 -0.73 0.00	32.94 -0.67 0.00	34.50 -0.66 0.00	34.16 -0.68 0.00	32.98 -0.64 0.00	33.37 -0.52 0.00	43.30 -0.67 0.00	59.60 -1.09 -0.10	47.11 -0.71 -0.20	39.18 -0.61 0.00	42.39 -0.63 0.88	46.56 -0.73 0.00	46.61 -0.62 0.00	50.63 -0.69 0.00	60.92 -0.89 0.00	75.68 -1.02 0.00	72.42 -1.13 0.00	71.54 -0.65 -0.97	71.17 -0.63 -0.22	66.89 -0.62 -0.60	61.69 -0.76 -6.09	60.48 -0.65 -6.03	67.67 -0.83 0.00	55.57 -0.75 0.00
BIXINCNT_115KV_LOAD 355685	26.75 -3.89 4.53	22.25 -3.73 7.63	23.02 -3.78 8.37	22.65 -3.93 8.25	23.20 -3.66 6.76	22.05 -3.54 8.31	30.25 -4.43 9.30	43.05 -6.60 10.93	41.88 -5.35 0.39	32.24 -3.51 4.05	34.31 -3.83 5.76	33.58 -4.11 9.60	32.00 -4.27 10.95	33.78 -5.00 12.53	43.12 -5.84 12.84	54.42 -7.23 15.05	51.72 -7.01 14.81	50.43 -6.64 14.15	50.70 -6.72 14.14	46.23 -6.81 13.87	40.01 -6.19 10.17	39.60 -5.51 10.00	51.47 -6.05 10.99	44.45 -4.33 7.54
BLACK RIVER___HYD 24047	33.43 -1.73 0.00	31.88 -1.73 0.00	33.28 -1.88 0.00	33.00 -1.84 0.00	31.95 -1.67 0.00	32.26 -1.63 0.00	42.05 -1.92 0.00	58.23 -2.35 0.00	45.51 -2.11 0.00	38.13 -1.66 0.00	41.81 -2.10 0.00	45.10 -2.19 0.00	44.56 -2.67 0.00	48.25 -3.06 0.00	58.64 -3.17 0.00	73.33 -3.37 0.00	71.02 -2.52 0.00	69.36 -1.86 0.00	69.56 -2.04 -0.04	64.91 -2.10 -0.09	54.43 -1.97 -0.03	52.92 -2.22 -0.03	65.48 -3.02 0.00	53.70 -2.62 0.00
BLACKRVR_115KV_TB2 79977	33.43 -1.74 0.00	31.88 -1.74 0.00	33.28 -1.88 0.00	33.00 -1.84 0.00	31.95 -1.68 0.00	32.26 -1.63 0.00	42.06 -1.92 0.00	58.23 -2.35 0.00	45.50 -2.11 0.00	38.13 -1.66 0.00	41.81 -2.10 0.00	45.10 -2.19 0.00	44.56 -2.67 0.00	48.25 -3.06 0.00	58.63 -3.17 0.00	73.33 -3.37 0.00	71.02 -2.53 0.00	69.36 -1.86 0.00	69.56 -2.04 -0.04	64.90 -2.11 -0.09	54.42 -1.97 -0.03	52.93 -2.21 -0.03	65.48 -3.02 0.00	53.70 -2.62 0.00
BLISS_WT_PWR 323608	26.53 -4.11 4.53	22.04 -3.94 7.63	22.88 -3.92 8.37	22.47 -4.11 8.25	23.00 -3.87 6.76	21.86 -3.72 8.31	30.00 -4.68 9.30	42.60 -7.05 10.93	41.53 -5.69 0.39	32.02 -3.72 4.05	34.10 -4.05 5.76	33.42 -4.26 9.60	31.81 -4.47 10.95	33.51 -5.27 12.53	42.78 -6.18 12.84	54.01 -7.63 15.05	51.47 -7.26 14.82	50.15 -6.93 14.15	50.46 -6.97 14.14	45.86 -7.18 13.87	39.76 -6.43 10.18	39.37 -5.74 10.00	51.06 -6.45 10.99	44.13 -4.65 7.54
BLUESTONE___WT_PWR 323821	33.87 -1.30 0.00	32.42 -1.19 0.00	34.16 -1.00 0.00	33.89 -0.95 0.00	32.68 -0.94 0.00	32.98 -0.91 0.00	43.24 -0.74 0.00	60.88 0.21 -0.08	48.04 0.28 -0.15	39.92 0.13 0.00	42.78 -0.12 1.01	46.19 -1.09 0.00	46.20 -1.04 0.00	50.15 -1.16 0.00	60.30 -1.50 0.00	75.29 -1.40 0.00	72.05 -1.50 0.00	72.18 -0.46 -1.42	71.93 0.12 -0.24	67.63 0.07 -0.64	64.49 -0.74 -8.86	62.93 -0.93 -8.76	67.31 -1.18 0.00	55.07 -1.25 0.00
BLUE_CIRC_CHEM_DRP 24182	36.68 1.52 0.00	35.08 1.47 0.00	36.72 1.55 0.00	36.39 1.55 0.00	35.10 1.48 0.00	35.31 1.42 0.00	45.79 1.82 0.00	63.00 2.41 0.00	49.44 1.82 0.00	41.07 1.28 0.00	47.13 1.50 -1.72	48.97 1.68 0.00	48.99 1.76 0.00	53.17 1.85 0.00	64.16 2.36 0.00	79.77 3.07 0.00	76.47 2.92 0.00	80.07 3.14 -5.70	75.53 3.08 -0.88	72.33 3.10 -2.33	94.62 2.64 -35.61	92.95 2.64 -35.21	71.72 3.21 0.00	58.75 2.43 0.00
BOC_GAS_DRP 24189	36.35 1.18 0.00	34.75 1.14 0.00	36.38 1.22 0.00	36.05 1.21 0.00	34.76 1.13 0.00	34.99 1.10 0.00	45.40 1.42 0.00	62.47 1.89 0.00	49.13 1.52 0.00	40.91 1.12 0.00	47.15 1.26 -1.97	48.73 1.45 0.00	48.69 1.46 0.00	52.89 1.58 0.00	63.75 1.95 0.00	79.19 2.49 0.00	75.87 2.33 0.00	79.21 2.54 -5.44	74.96 2.50 -0.89	71.82 2.54 -2.36	92.54 2.14 -34.03	90.88 2.13 -33.65	71.06 2.56 0.00	58.21 1.89 0.00
BOONVILLE_115KV_TB1 79983	35.00 -0.17 0.00	33.44 -0.18 0.00	34.95 -0.21 0.00	34.66 -0.18 0.00	33.53 -0.10 0.00	33.87 -0.02 0.00	44.09 0.12 0.00	60.88 0.29 0.00	47.82 0.21 0.00	39.93 0.13 0.00	44.05 0.14 0.00	47.58 0.29 0.00	47.30 0.07 0.00	51.31 0.00 0.00	61.94 0.13 0.00	77.10 0.40 0.00	74.14 0.60 0.00	72.00 0.78 0.00	72.23 0.64 -0.02	67.48 0.51 -0.06	56.73 0.34 -0.02	55.34 0.21 -0.02	68.57 0.07 0.00	56.27 -0.05 0.00
BORALEX_4TH_BRANCH 23824	37.56 2.39 0.00	35.90 2.30 0.00	37.52 2.36 0.00	37.14 2.31 0.00	35.82 2.19 0.00	36.12 2.23 0.00	46.77 2.79 0.00	64.26 3.68 0.00	50.55 2.93 0.00	41.84 2.04 0.00	48.62 2.30 -2.42	49.86 2.57 0.00	49.81 2.59 0.00	54.20 2.89 0.00	65.30 3.50 0.00	81.23 4.54 0.00	77.54 3.99 0.00	83.91 4.26 -8.42	76.63 4.17 -0.89	73.56 4.29 -2.36	112.46 3.81 -52.28	110.67 3.97 -51.60	73.21 4.71 0.00	59.96 3.64 0.00
BOWLINE___1 23526	36.77 1.60 0.00	35.16 1.55 0.00	36.76 1.60 0.00	36.45 1.62 0.00	35.15 1.52 0.00	35.57 1.68 0.00	46.49 2.52 0.00	64.01 3.43 0.00	50.48 2.87 0.00	41.95 2.16 0.00	30.20 2.32 16.03	49.99 2.70 0.00	49.91 2.68 0.00	54.17 2.85 0.00	65.29 3.49 0.00	81.25 4.56 0.00	78.05 4.50 0.00	78.65 4.99 -2.44	77.26 5.05 -0.65	73.40 4.78 -1.71	75.62 3.83 -15.43	74.16 3.75 -15.30	72.97 4.47 0.00	59.67 3.35 0.00
BOWLINE___2 23595	36.77 1.60 0.00	35.16 1.55 0.00	36.76 1.60 0.00	36.45 1.62 0.00	35.15 1.52 0.00	35.57 1.68 0.00	46.49 2.52 0.00	64.01 3.43 0.00	50.48 2.87 0.00	41.95 2.16 0.00	30.20 2.32 16.03	49.99 2.70 0.00	49.91 2.68 0.00	54.17 2.86 0.00	65.30 3.49 0.00	81.25 4.56 0.00	78.05 4.50 0.00	78.65 4.99 -2.44	77.26 5.05 -0.65	73.40 4.78 -1.71	75.62 3.83 -15.43	74.17 3.76 -15.30	72.97 4.47 0.00	59.67 3.35 0.00
BRADY___115KV_TB2 356060	35.66 0.49 0.00	33.97 0.36 0.00	35.53 0.37 0.00	35.21 0.38 0.00	33.96 0.33 0.00	34.17 0.28 0.00	44.40 0.43 0.00	61.43 0.84 0.00	48.26 0.65 0.00	40.49 0.70 0.00	44.41 0.50 0.00	47.48 0.20 0.00	47.17 -0.06 0.00	51.38 0.06 0.00	62.04 0.23 0.00	76.61 -0.08 0.00	73.90 0.35 0.00	71.10 -0.13 0.00	71.47 -0.10 0.00	66.55 -0.36 0.00	56.10 -0.27 0.00	54.55 -0.56 0.00	68.10 -0.40 0.00	56.62 0.30 0.00
BRANSCOMB___SOLAR 323811	37.12 1.95 0.00	35.45 1.84 0.00	37.09 1.93 0.00	36.70 1.87 0.00	35.42 1.80 0.00	35.73 1.84 0.00	46.51 2.54 0.00	63.94 3.36 0.00	50.23 2.61 0.00	41.58 1.78 0.00	47.82 1.94 -1.98	49.48 2.20 0.00	49.48 2.25 0.00	53.75 2.44 0.00	64.75 2.95 0.00	80.61 3.91 0.00	77.24 3.70 0.00	85.75 3.93 -10.59	76.26 3.77 -0.92	73.14 3.80 -2.43	125.21 3.24 -65.60	123.04 3.23 -64.71	72.24 3.73 0.00	59.11 2.80 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	38.02 2.85 0.00	36.18 2.57 0.00	37.88 2.72 0.00	37.54 2.71 0.00	36.17 2.55 0.00	36.75 2.86 0.00	51.63 4.21 -3.45	65.92 5.34 0.00	52.01 4.40 0.00	43.38 3.59 0.00	61.80 4.15 -13.74	64.35 4.67 -12.40	63.45 4.76 -11.47	56.09 4.77 -0.01	67.49 5.69 0.00	83.83 7.13 0.00	79.60 6.06 0.00	80.71 6.90 -2.59	81.50 7.02 -2.91	75.69 6.43 -2.35	78.00 5.26 -16.37	76.53 5.18 -16.24	77.68 6.74 -2.43	61.70 5.39 0.00

BRISTLHL_115KV_TB1 79998	33.95 -1.22 0.00	32.46 -1.15 0.00	33.91 -1.26 0.00	33.58 -1.26 0.00	32.46 -1.17 0.00	32.74 -1.16 0.00	42.38 -1.60 0.00	58.35 -2.24 0.00	45.89 -1.72 0.00	38.36 -1.43 0.00	42.36 -1.55 0.00	45.59 -1.70 0.00	45.60 -1.63 0.00	49.55 -1.76 0.00	59.69 -2.12 0.00	74.12 -2.58 0.00	71.09 -2.46 0.00	69.13 -2.09 0.00	69.49 -2.13 -0.06	65.02 -2.03 -0.15	54.61 -1.80 -0.04	53.33 -1.83 -0.05	66.18 -2.32 0.00	54.33 -1.99 0.00
BROOKHAVEN___DRP 24191	37.76 2.60 0.00	35.89 2.28 0.00	37.60 2.44 0.00	37.24 2.40 0.00	35.88 2.26 0.00	36.37 2.48 0.00	51.09 3.73 -3.39	64.91 4.33 0.00	51.20 3.59 0.00	37.24 3.08 5.64	61.32 3.74 -13.67	63.67 4.18 -12.20	62.96 4.45 -11.28	55.55 4.23 -0.01	66.63 4.83 0.00	83.15 6.45 0.00	79.40 5.86 0.00	80.68 6.87 -2.59	81.47 7.03 -2.87	75.72 6.47 -2.34	77.99 5.25 -16.37	76.47 5.13 -16.24	77.36 6.47 -2.39	61.20 4.88 0.00
BROOKLYN_NAVY_YARD 23515	37.10 1.93 0.00	35.52 1.90 0.00	37.10 1.94 0.00	36.78 1.95 0.00	35.44 1.81 0.00	35.83 1.94 0.00	46.85 2.87 0.00	64.50 3.92 0.00	50.97 3.35 0.00	42.37 2.58 0.00	56.03 2.84 -9.28	50.59 3.30 0.00	50.51 3.28 0.00	54.80 3.49 0.00	66.04 4.24 0.00	82.10 5.41 0.00	78.79 5.25 0.00	79.60 5.79 -2.58	78.08 5.82 -0.69	74.25 5.52 -1.82	77.12 4.39 -16.36	75.61 4.28 -16.23	73.68 5.18 0.00	60.14 3.82 0.00
BROOKLYN___ARMY_DRP 323595	289.38 2.29 -251.92	58.37 2.21 -22.55	58.12 2.29 -20.66	58.10 2.28 -20.98	58.10 2.10 -22.38	58.32 2.23 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.22 3.79 -7.82	65.87 2.92 -23.15	64.76 3.22 -17.63	59.52 3.76 -8.47	59.34 3.72 -8.39	104.69 3.95 -49.42	76.59 4.69 -10.10	82.65 5.94 -0.02	197.52 5.88 -118.10	238.27 6.35 -160.69	150.19 6.61 -72.01	122.62 6.16 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
BROOKVLE_69_KV_TB1 55790	37.65 2.48 0.00	35.92 2.31 0.00	37.57 2.41 0.00	37.25 2.42 0.00	35.91 2.28 0.00	36.41 2.52 0.00	53.22 3.68 -5.56	65.46 4.88 0.00	51.69 4.07 0.00	43.04 3.24 0.00	64.02 3.61 -16.50	71.43 4.14 -20.01	69.81 4.08 -18.50	55.64 4.31 -0.01	66.89 5.09 0.00	83.16 6.47 0.00	79.58 6.03 0.00	80.54 6.73 -2.59	82.58 6.74 -4.27	75.90 6.32 -2.67	77.88 5.14 -16.37	76.42 5.08 -16.24	78.70 6.28 -3.92	61.08 4.76 0.00
BROOME_2_LFGE 323671	34.43 -0.74 0.00	32.94 -0.68 0.00	34.50 -0.67 0.00	34.15 -0.68 0.00	32.98 -0.64 0.00	33.36 -0.53 0.00	43.30 -0.68 0.00	59.60 -1.09 -0.10	47.10 -0.71 -0.20	39.18 -0.62 0.00	42.39 -0.64 0.88	46.55 -0.74 0.00	46.59 -0.63 0.00	50.60 -0.71 0.00	60.90 -0.91 0.00	75.66 -1.04 0.00	72.42 -1.13 0.00	71.54 -0.65 -0.97	71.15 -0.65 -0.22	66.86 -0.64 -0.60	61.69 -0.76 -6.09	60.47 -0.66 -6.03	67.65 -0.84 0.00	55.55 -0.77 0.00
BROOME___LFGE 323600	34.43 -0.74 0.00	32.94 -0.68 0.00	34.50 -0.67 0.00	34.15 -0.68 0.00	32.98 -0.64 0.00	33.36 -0.53 0.00	43.30 -0.68 0.00	59.60 -1.09 -0.10	47.10 -0.71 -0.20	39.18 -0.62 0.00	42.39 -0.64 0.88	46.55 -0.74 0.00	46.59 -0.63 0.00	50.60 -0.71 0.00	60.90 -0.91 0.00	75.66 -1.04 0.00	72.42 -1.13 0.00	71.54 -0.65 -0.97	71.15 -0.65 -0.22	66.86 -0.64 -0.60	61.69 -0.76 -6.09	60.47 -0.66 -6.03	67.65 -0.84 0.00	55.55 -0.77 0.00
BROWNFLS_115KV_TB_3_5 80003	33.96 -1.21 0.00	32.32 -1.30 0.00	33.75 -1.41 0.00	33.46 -1.38 0.00	32.33 -1.29 0.00	32.52 -1.38 0.00	42.23 -1.75 0.00	58.44 -2.14 0.00	45.84 -1.77 0.00	38.45 -1.34 0.00	42.20 -1.71 0.00	45.37 -1.92 0.00	44.93 -2.30 0.00	48.76 -2.56 0.00	58.97 -2.84 0.00	73.18 -3.52 0.00	70.61 -2.93 0.00	68.35 -2.87 0.00	68.54 -3.05 -0.02	63.89 -3.06 -0.05	53.75 -2.64 -0.01	52.28 -2.85 -0.02	64.98 -3.52 0.00	53.73 -2.60 0.00
BROWNSV1_27_KV_LOAD 356125	37.49 2.32 0.00	35.84 2.23 0.00	37.47 2.30 0.00	37.13 2.29 0.00	35.76 2.14 0.00	36.19 2.30 0.00	47.35 3.38 0.00	65.21 4.63 0.00	51.53 3.92 0.00	42.86 3.06 0.00	56.58 3.40 -9.28	51.20 3.91 0.00	51.10 3.88 0.00	55.44 4.13 0.00	66.81 5.00 0.00	83.08 6.39 0.00	79.75 6.20 0.00	80.54 6.73 -2.58	79.04 6.78 -0.69	75.11 6.38 -1.82	77.85 5.12 -16.36	76.32 4.99 -16.23	74.50 6.00 0.00	60.81 4.50 0.00
BURROWS___LYONSDAL 23803	34.57 -0.60 0.00	33.01 -0.60 0.00	34.50 -0.67 0.00	34.21 -0.62 0.00	33.10 -0.52 0.00	33.44 -0.45 0.00	43.52 -0.45 0.00	60.15 -0.44 0.00	47.21 -0.40 0.00	39.43 -0.36 0.00	43.46 -0.45 0.00	46.94 -0.34 0.00	46.60 -0.63 0.00	50.52 -0.80 0.00	61.04 -0.76 0.00	76.03 -0.66 0.00	73.19 -0.36 0.00	71.14 -0.09 0.00	71.33 -0.26 -0.02	66.62 -0.35 -0.06	55.99 -0.40 -0.02	54.59 -0.54 -0.02	67.64 -0.86 0.00	55.53 -0.79 0.00
CAITHNESS_CC_1 323624	37.72 2.56 0.00	35.87 2.25 0.00	37.55 2.39 0.00	37.21 2.37 0.00	35.86 2.23 0.00	36.37 2.48 0.00	51.07 3.71 -3.39	64.95 4.37 0.00	51.26 3.64 0.00	37.23 3.08 5.64	61.28 3.70 -13.67	63.63 4.15 -12.19	62.89 4.38 -11.27	55.51 4.19 -0.01	66.59 4.79 0.00	83.06 6.36 0.00	79.27 5.72 0.00	80.55 6.73 -2.59	81.31 6.87 -2.87	75.58 6.33 -2.34	77.90 5.16 -16.37	76.35 5.01 -16.24	77.24 6.35 -2.39	61.11 4.79 0.00
CALPINE BETH_PAGE_GT4 24209	37.72 2.55 0.00	35.95 2.34 0.00	37.61 2.44 0.00	37.28 2.44 0.00	35.93 2.30 0.00	36.46 2.57 0.00	51.99 3.79 -4.22	65.46 4.88 0.00	51.69 4.08 0.00	43.08 3.28 0.00	62.34 3.68 -14.75	66.67 4.20 -15.19	65.54 4.27 -14.05	55.71 4.39 -0.01	66.99 5.19 0.00	83.32 6.62 0.00	79.51 5.96 0.00	80.54 6.72 -2.59	81.78 6.80 -3.41	75.71 6.33 -2.47	77.91 5.17 -16.37	76.36 5.02 -16.24	77.96 6.48 -2.98	61.22 4.91 0.00
CALPINE_BETH_PAGE_GT_4 323586	37.72 2.55 0.00	35.94 2.34 0.00	37.60 2.43 0.00	37.27 2.44 0.00	35.93 2.30 0.00	36.46 2.57 0.00	51.99 3.79 -4.22	65.45 4.87 0.00	51.70 4.09 0.00	43.07 3.28 0.00	62.33 3.67 -14.75	66.66 4.19 -15.19	65.54 4.26 -14.05	55.71 4.39 -0.01	66.98 5.17 0.00	83.28 6.58 0.00	79.47 5.93 0.00	80.52 6.71 -2.59	81.76 6.78 -3.41	75.70 6.32 -2.47	77.91 5.17 -16.37	76.35 5.01 -16.24	77.96 6.48 -2.98	61.21 4.89 0.00
CALPINE_BP_GT1 23823	37.72 2.55 0.00	35.94 2.34 0.00	37.60 2.43 0.00	37.27 2.44 0.00	35.93 2.30 0.00	36.46 2.57 0.00	51.99 3.79 -4.22	65.45 4.87 0.00	51.70 4.09 0.00	43.07 3.28 0.00	62.33 3.67 -14.75	66.66 4.19 -15.19	65.54 4.26 -14.05	55.71 4.39 -0.01	66.98 5.17 0.00	83.28 6.58 0.00	79.47 5.93 0.00	80.52 6.71 -2.59	81.76 6.78 -3.41	75.70 6.32 -2.47	77.91 5.17 -16.37	76.35 5.01 -16.24	77.96 6.48 -2.98	61.21 4.89 0.00
CALSPAN___DRP 24200	23.54 -4.22 7.41	17.04 -4.08 12.48	17.08 -4.38 13.70	16.92 -4.39 13.52	18.43 -4.11 11.08	16.36 -3.92 13.61	23.94 -4.83 15.21	36.18 -6.71 17.69	41.27 -5.81 0.54	29.28 -3.89 6.62	30.15 -4.35 9.41	26.69 -4.91 15.68	24.43 -4.90 17.90	25.45 -5.39 20.47	34.31 -6.51 20.98	44.02 -8.09 24.59	41.52 -7.80 24.22	40.44 -7.29 23.49	40.77 -7.59 23.21	36.42 -7.58 22.91	30.88 -6.61 18.88	30.08 -6.46 18.57	43.93 -6.58 18.00	39.15 -4.81 12.35

CALVERTON___SOLAR 323806	37.80 2.63 0.00	35.90 2.29 0.00	37.61 2.45 0.00	37.24 2.41 0.00	35.90 2.28 0.00	36.37 2.48 0.00	51.10 3.74 -3.39	64.87 4.29 0.00	51.16 3.55 0.00	37.32 3.08 5.54	61.33 3.75 -13.67	63.66 4.17 -12.20	62.99 4.48 -11.28	55.56 4.24 -0.01	66.61 4.81 0.00	83.19 6.50 0.00	79.46 5.92 0.00	80.77 6.96 -2.59	81.54 7.10 -2.87	75.81 6.56 -2.34	78.07 5.33 -16.37	76.57 5.23 -16.24	77.48 6.59 -2.39	61.27 4.96 0.00
CANDIGU_WT_PWR 323617	-9.60 -3.40 41.36	-39.45 -3.28 69.78	-45.00 -3.36 76.81	-44.28 -3.35 75.77	-31.67 -3.19 62.11	-45.26 -2.88 76.28	-44.79 -3.75 85.02	-39.60 -5.37 94.81	45.18 -3.06 -0.63	-0.47 -3.45 36.81	-12.16 -3.73 52.34	-43.95 -3.96 87.28	-55.90 -3.54 99.59	-66.44 -3.84 113.91	-59.70 -4.76 116.74	-65.81 -5.66 136.85	-66.96 -5.53 134.98	-66.48 -4.87 132.84	-63.35 -5.08 129.84	-67.06 -4.97 129.00	-65.49 -4.53 117.34	-65.11 -4.35 115.87	-38.02 -5.64 100.88	-17.58 -4.68 69.23
CARR STREET_E__SYR 24060	34.21 -0.96 0.00	32.72 -0.89 0.00	34.22 -0.94 0.00	33.89 -0.94 0.00	32.75 -0.88 0.00	33.05 -0.84 0.00	42.82 -1.16 0.00	58.95 -1.63 0.00	46.38 -1.24 0.00	38.79 -1.01 0.00	42.84 -1.07 0.00	46.09 -1.19 0.00	46.07 -1.16 0.00	50.09 -1.23 0.00	60.31 -1.49 0.00	74.90 -1.80 0.00	71.82 -1.72 0.00	69.83 -1.40 0.00	70.21 -1.42 -0.06	65.68 -1.39 -0.17	55.13 -1.29 -0.05	53.88 -1.29 -0.06	66.87 -1.63 0.00	54.93 -1.39 0.00
CARTHAGE___PAPER 23857	33.80 -1.37 0.00	32.22 -1.40 0.00	33.63 -1.54 0.00	33.34 -1.49 0.00	32.28 -1.35 0.00	32.57 -1.32 0.00	42.47 -1.51 0.00	58.82 -1.77 0.00	46.01 -1.60 0.00	38.54 -1.25 0.00	42.27 -1.64 0.00	45.59 -1.69 0.00	45.02 -2.21 0.00	48.71 -2.61 0.00	59.15 -2.65 0.00	73.95 -2.75 0.00	71.58 -1.97 0.00	69.74 -1.48 0.00	69.90 -1.71 -0.03	65.21 -1.78 -0.08	54.73 -1.66 -0.03	53.23 -1.91 -0.03	65.90 -2.60 0.00	54.17 -2.15 0.00
CASSADAGA_WT_PWR 323784	25.40 -4.25 5.51	19.97 -4.35 9.29	20.43 -4.54 10.20	20.24 -4.53 10.06	21.00 -4.38 8.25	19.73 -4.03 10.13	27.96 -4.69 11.33	40.78 -6.57 13.24	41.81 -5.37 0.43	31.55 -3.32 4.93	33.34 -3.57 7.01	31.67 -3.94 11.68	29.78 -4.13 13.32	31.57 -4.51 15.24	40.64 -5.54 15.62	51.33 -7.06 18.30	48.37 -7.15 18.03	47.01 -6.87 17.34	47.08 -7.26 17.24	43.25 -6.71 16.96	37.14 -6.08 13.16	36.15 -6.02 12.93	48.89 -6.21 13.40	42.84 -4.28 9.20
CE_DUNWOOD___DRP 24194	37.08 1.91 0.00	35.45 1.84 0.00	37.08 1.92 0.00	36.76 1.92 0.00	35.43 1.80 0.00	35.84 1.95 0.00	46.84 2.86 0.00	64.48 3.90 0.00	50.86 3.24 0.00	42.28 2.49 0.00	56.19 2.73 -9.55	50.44 3.15 0.00	50.36 3.13 0.00	54.65 3.33 0.00	65.85 4.05 0.00	81.92 5.22 0.00	78.63 5.08 0.00	79.36 5.57 -2.57	77.90 5.65 -0.68	74.07 5.35 -1.81	76.92 4.30 -16.25	75.44 4.21 -16.12	73.56 5.06 0.00	60.12 3.81 0.00
CE_MILLWOOD___DRP 24193	37.00 1.83 0.00	35.36 1.75 0.00	36.98 1.81 0.00	36.67 1.83 0.00	35.34 1.72 0.00	35.75 1.86 0.00	46.73 2.76 0.00	64.32 3.74 0.00	50.75 3.14 0.00	42.19 2.39 0.00	56.16 2.61 -9.64	50.32 3.03 0.00	50.22 2.99 0.00	54.50 3.19 0.00	65.68 3.88 0.00	81.71 5.01 0.00	78.46 4.91 0.00	79.16 5.38 -2.55	77.66 5.42 -0.68	73.84 5.14 -1.79	76.64 4.14 -16.13	75.15 4.04 -16.00	73.35 4.86 0.00	59.97 3.65 0.00
CE_NYC2_DRP 24202	37.32 2.15 0.00	35.70 2.09 -0.01	37.32 2.15 -0.01	36.99 2.15 0.00	35.61 1.99 0.00	35.99 2.10 0.00	47.04 3.06 0.00	64.79 4.21 0.00	51.17 3.56 0.00	42.56 2.77 0.00	56.22 3.04 -9.27	50.83 3.54 0.00	50.73 3.50 0.00	55.02 3.70 0.00	66.27 4.46 0.00	82.36 5.67 0.00	79.09 5.54 0.00	79.83 6.02 -2.58	78.40 6.15 -0.69	74.47 5.75 -1.82	77.31 4.58 -16.36	75.84 4.50 -16.23	73.90 5.40 0.00	60.40 4.08 0.00
CE_NYC_DRP 24195	37.18 2.02 0.00	35.56 1.95 0.00	37.16 1.99 0.00	36.84 2.00 0.00	35.48 1.85 0.00	35.88 1.99 0.00	46.94 2.96 0.00	64.61 4.03 0.00	51.05 3.44 0.00	42.47 2.68 0.00	56.15 2.96 -9.28	50.73 3.44 0.00	50.63 3.40 0.00	54.94 3.62 0.00	66.19 4.39 0.00	82.29 5.60 0.00	78.99 5.44 0.00	79.76 5.95 -2.58	78.25 5.99 -0.69	74.36 5.64 -1.82	77.22 4.49 -16.36	75.72 4.39 -16.23	73.78 5.28 0.00	60.25 3.93 0.00
CHAFFEE___LFGE 323603	25.41 -3.81 5.96	19.91 -3.67 10.04	20.26 -3.90 11.01	20.04 -3.93 10.86	21.03 -3.69 8.90	19.50 -3.46 10.93	27.52 -4.23 12.23	40.31 -5.99 14.28	41.91 -5.24 0.46	31.03 -3.44 5.32	32.55 -3.79 7.57	30.44 -4.23 12.61	28.61 -4.22 14.40	30.20 -4.65 16.47	39.29 -5.64 16.87	49.84 -7.08 19.78	47.31 -6.75 19.48	46.22 -6.22 18.78	46.44 -6.49 18.63	41.91 -6.65 18.35	36.14 -5.74 14.49	35.19 -5.67 14.25	48.30 -5.74 14.46	42.25 -4.14 9.92
CHATEAUG_35_KV_LOAD 355732	34.45 -0.72 0.00	32.82 -0.80 0.00	34.36 -0.81 0.00	34.98 -0.81 -0.95	37.36 -0.86 -4.59	38.18 -0.86 -5.15	49.61 -1.00 -6.63	67.90 -1.04 -8.35	53.86 -0.78 -7.03	45.58 -0.46 -6.25	49.93 -0.64 -6.66	53.42 -0.86 -6.99	53.21 -0.99 -6.97	57.70 -1.01 -7.39	67.63 -1.19 -7.02	84.03 -1.80 -9.12	81.67 -1.51 -9.64	78.58 -1.99 -9.34	79.06 -1.90 -9.39	73.77 -2.04 -8.90	61.17 -1.64 -6.44	60.94 -1.86 -7.69	75.49 -2.06 -9.06	60.27 -1.35 -5.29
CHATEAUG_WT_PWR 323614	34.20 -0.97 0.00	32.58 -1.03 0.00	34.10 -1.06 0.00	24.55 -1.07 9.21	-11.79 -1.10 44.32	-16.98 -1.14 49.73	-21.42 -1.37 64.03	-21.63 -1.59 80.63	-21.48 -1.23 67.87	-21.44 -0.86 60.38	-21.46 -1.03 64.34	-21.46 -1.27 67.48	-21.45 -1.36 67.32	-21.49 -1.44 71.37	-7.62 -1.66 67.76	-13.81 -2.41 88.09	-21.62 -2.16 93.01	-21.57 -2.59 90.20	-21.64 -2.59 90.62	-21.53 -2.59 85.85	-7.88 -2.11 62.14	-21.45 -2.29 74.27	-21.56 -2.61 87.44	3.48 -1.75 51.09
CHAT_HIGH_FALL_HYD 323578	34.45 -0.72 0.00	32.82 -0.80 0.00	34.36 -0.81 0.00	34.98 -0.81 -0.95	37.36 -0.86 -4.59	38.18 -0.86 -5.15	49.61 -1.00 -6.63	67.90 -1.04 -8.35	53.86 -0.78 -7.03	45.58 -0.46 -6.25	49.93 -0.64 -6.66	53.42 -0.86 -6.99	53.21 -0.99 -6.97	57.70 -1.01 -7.39	67.63 -1.19 -7.02	84.03 -1.80 -9.12	81.67 -1.51 -9.64	78.58 -1.99 -9.34	79.06 -1.90 -9.39	73.77 -2.04 -8.90	61.17 -1.64 -6.44	60.94 -1.86 -7.69	75.49 -2.06 -9.06	60.27 -1.35 -5.29
CHAUTAUQUA___LFGE 323629	23.87 -4.39 6.91	17.62 -4.34 11.65	17.80 -4.56 12.80	17.65 -4.56 12.62	18.94 -4.34 10.35	17.13 -4.05 12.71	24.89 -4.89 14.20	37.35 -6.74 16.50	41.36 -5.75 0.50	29.89 -3.74 6.17	31.03 -4.11 8.77	28.07 -4.59 14.63	25.89 -4.65 16.69	27.11 -5.11 19.09	35.96 -6.28 19.56	45.96 -7.81 22.93	43.43 -7.53 22.58	42.19 -7.17 21.87	42.47 -7.47 21.63	38.28 -7.29 21.34	32.66 -6.37 17.34	31.72 -6.33 17.06	45.17 -6.52 16.81	40.08 -4.70 11.53
CHERRYST_13_KV_LD 356241	37.27 2.10 0.00	35.64 2.02 0.00	37.26 2.09 0.00	36.92 2.08 0.00	35.55 1.93 0.00	35.98 2.08 0.00	47.06 3.08 0.00	64.79 4.21 0.00	51.20 3.59 0.00	42.60 2.81 0.00	56.29 3.11 -9.28	50.89 3.61 0.00	50.79 3.56 0.00	55.12 3.80 0.00	66.41 4.61 0.00	82.55 5.86 0.00	79.24 5.70 0.00	80.02 6.21 -2.58	78.48 6.22 -0.69	74.58 5.85 -1.82	77.39 4.66 -16.36	75.88 4.55 -16.23	73.97 5.47 0.00	60.40 4.09 0.00

CHESTROR_138KV_BK263 355645	36.52 1.36 0.00	34.92 1.31 0.00	36.53 1.37 0.00	36.21 1.37 0.00	34.92 1.30 0.00	35.33 1.44 0.00	46.15 2.17 0.00	63.54 2.96 0.00	50.08 2.47 0.00	41.66 1.87 0.00	33.00 1.99 12.90	49.60 2.32 0.00	49.49 2.26 0.00	53.73 2.41 0.00	64.79 2.99 0.00	80.65 3.96 0.00	77.51 3.96 0.00	77.90 4.39 -2.29	76.61 4.44 -0.60	72.71 4.20 -1.60	74.19 3.35 -14.47	72.73 3.28 -14.35	72.38 3.88 0.00	59.22 2.91 0.00
CH_MIDHUDSON___DRP 24192	37.24 2.07 0.00	35.59 1.98 0.00	37.22 2.06 0.00	36.91 2.07 0.00	35.60 1.97 0.00	36.00 2.11 0.00	47.02 3.04 0.00	64.69 4.11 0.00	51.03 3.41 0.00	42.41 2.62 0.00	49.24 2.85 -2.48	50.56 3.28 0.00	50.43 3.20 0.00	54.74 3.43 0.00	66.05 4.25 0.00	82.16 5.47 0.00	78.92 5.37 0.00	79.80 5.87 -2.70	78.17 5.90 -0.70	74.39 5.63 -1.85	78.03 4.57 -17.09	76.51 4.46 -16.95	73.86 5.36 0.00	60.37 4.05 0.00
CH_MISC_IPPS 23765	37.31 2.14 0.00	35.64 2.03 0.00	37.28 2.11 0.00	36.96 2.12 0.00	35.65 2.03 0.00	36.09 2.19 0.00	47.20 3.22 0.00	65.01 4.43 0.00	51.28 3.67 0.00	42.63 2.84 0.00	46.98 3.07 0.00	50.77 3.49 0.00	50.64 3.41 0.00	54.98 3.67 0.00	66.35 4.55 0.00	82.55 5.86 0.00	79.37 5.83 0.00	80.21 6.36 -2.63	78.64 6.39 -0.68	74.79 6.07 -1.81	77.93 4.91 -16.65	76.38 4.76 -16.51	74.20 5.69 0.00	60.63 4.31 0.00
CH_RES_BVR_FALLS 23983	34.72 -0.45 0.00	33.18 -0.43 0.00	34.73 -0.43 0.00	34.41 -0.43 0.00	33.25 -0.38 0.00	33.52 -0.37 0.00	43.50 -0.48 0.00	59.99 -0.59 0.00	47.13 -0.49 0.00	39.43 -0.36 0.00	43.55 -0.36 0.00	46.83 -0.45 0.00	46.71 -0.52 0.00	50.73 -0.58 0.00	61.05 -0.76 0.00	75.61 -1.09 0.00	72.56 -0.99 0.00	70.16 -1.06 0.00	70.44 -1.13 0.00	65.74 -1.17 0.00	55.43 -0.93 0.00	54.12 -0.99 0.00	67.39 -1.11 0.00	55.52 -0.80 0.00
CH_RES_NIAGARA 23895	24.10 -5.37 5.69	18.87 -5.14 9.61	19.07 -5.51 10.58	18.88 -5.52 10.43	19.90 -5.17 8.55	18.34 -5.05 10.50	25.95 -6.26 11.76	38.03 -8.75 13.80	39.54 -7.45 0.63	29.26 -5.46 5.08	30.48 -6.20 7.22	28.31 -6.93 12.04	26.64 -6.84 13.74	27.99 -7.61 15.72	36.55 -9.14 16.11	46.38 -11.45 18.87	44.02 -10.94 18.58	42.90 -10.37 17.96	43.08 -10.70 17.79	38.93 -10.45 17.53	33.44 -8.89 14.05	32.57 -8.68 13.85	45.73 -8.87 13.89	40.27 -6.52 9.53
CH_RES_SYRACUSE 23985	34.41 -0.76 0.00	32.92 -0.70 0.00	34.44 -0.73 0.00	34.11 -0.73 0.00	32.95 -0.68 0.00	33.26 -0.63 0.00	43.10 -0.88 0.00	59.49 -1.26 -0.17	46.94 -0.93 -0.26	39.01 -0.78 0.00	43.07 -0.84 0.00	46.34 -0.94 0.00	46.35 -0.88 0.00	50.39 -0.92 0.00	60.66 -1.14 0.00	75.36 -1.34 0.00	72.28 -1.27 0.00	70.33 -0.90 0.00	70.76 -0.88 -0.07	66.22 -0.88 -0.19	55.57 -0.85 -0.05	54.29 -0.89 -0.07	67.33 -1.17 0.00	55.30 -1.02 0.00
CLINTON_WT_PWR 323605	34.20 -0.97 0.00	32.58 -1.03 0.00	34.10 -1.06 0.00	24.55 -1.07 9.21	-11.79 -1.10 44.32	-16.98 -1.14 49.73	-21.42 -1.37 64.03	-21.63 -1.59 80.63	-21.48 -1.23 67.87	-21.44 -0.86 60.38	-21.46 -1.03 64.34	-21.46 -1.27 67.48	-21.45 -1.36 67.32	-21.49 -1.44 71.37	-7.62 -1.66 67.76	-13.81 -2.41 88.09	-21.62 -2.16 93.01	-21.57 -2.59 90.20	-21.64 -2.59 90.62	-21.53 -2.59 85.85	-7.88 -2.11 62.14	-21.45 -2.29 74.27	-21.56 -2.61 87.44	3.48 -1.75 51.09
CLINTON___LFGE 323618	34.72 -0.45 0.00	33.06 -0.55 0.00	34.62 -0.54 0.00	41.07 -0.58 -6.81	65.79 -0.63 -32.80	70.03 -0.67 -36.81	90.63 -0.73 -47.38	119.57 -0.67 -59.66	97.37 -0.44 -50.20	84.24 -0.22 -44.67	91.22 -0.28 -47.59	96.78 -0.43 -49.92	96.45 -0.58 -49.80	103.50 -0.61 -52.80	111.37 -0.56 -50.13	140.84 -1.05 -65.19	141.61 -0.78 -68.83	136.82 -1.16 -66.76	137.50 -1.14 -67.06	129.17 -1.28 -63.53	101.33 -1.03 -45.99	108.76 -1.32 -54.97	131.78 -1.42 -64.70	93.37 -0.75 -37.80
COBBLENY_34_KV_TB1 80064	25.38 -3.84 5.96	19.87 -3.71 10.04	20.17 -3.98 11.01	19.97 -4.00 10.86	21.00 -3.72 8.90	19.43 -3.53 10.93	27.45 -4.30 12.23	40.27 -6.03 14.28	41.92 -5.24 0.46	31.01 -3.46 5.32	32.47 -3.87 7.57	30.30 -4.37 12.61	28.47 -4.36 14.40	30.02 -4.82 16.47	39.14 -5.79 16.87	49.68 -7.24 19.78	47.10 -6.97 19.48	46.02 -6.43 18.78	46.24 -6.70 18.63	41.80 -6.76 18.35	35.96 -5.92 14.49	35.06 -5.80 14.25	48.21 -5.84 14.46	42.19 -4.21 9.92
COFFEEN___115KV_TB3 355620	33.66 -1.50 0.00	32.09 -1.52 0.00	33.51 -1.65 0.00	33.21 -1.62 0.00	32.18 -1.45 0.00	32.49 -1.40 0.00	42.40 -1.58 0.00	58.72 -1.87 0.00	45.90 -1.71 0.00	38.42 -1.37 0.00	42.11 -1.80 0.00	45.40 -1.89 0.00	44.84 -2.39 0.00	48.57 -2.74 0.00	59.08 -2.72 0.00	73.92 -2.78 0.00	71.68 -1.87 0.00	70.07 -1.16 0.00	70.29 -1.32 -0.04	65.57 -1.43 -0.10	54.97 -1.43 -0.03	53.42 -1.72 -0.03	66.06 -2.44 0.00	54.14 -2.18 0.00
COLDSPRG_115KV_BK1 355956	29.10 -2.76 3.31	25.30 -2.73 5.57	26.18 -2.87 6.11	25.92 -2.89 6.03	26.00 -2.68 4.94	25.39 -2.44 6.06	34.24 -2.93 6.80	48.35 -4.16 8.08	43.78 -3.50 0.33	34.86 -1.97 2.96	37.65 -2.05 4.21	38.02 -2.25 7.02	36.94 -2.28 8.01	39.59 -2.56 9.16	49.29 -3.12 9.39	61.59 -4.11 11.00	58.28 -4.44 10.82	56.89 -4.13 10.20	56.91 -4.36 10.30	52.70 -4.17 10.04	45.80 -4.03 6.54	44.96 -3.74 6.41	56.94 -3.54 8.02	48.48 -2.34 5.50
COLONIE_LFGE___ 323577	36.86 1.69 0.00	35.23 1.62 0.00	36.84 1.68 0.00	36.48 1.65 0.00	35.19 1.56 0.00	35.45 1.56 0.00	46.01 2.03 0.00	63.30 2.72 0.00	49.76 2.15 0.00	41.30 1.51 0.00	47.68 1.69 -2.09	49.20 1.91 0.00	49.17 1.95 0.00	53.47 2.15 0.00	64.43 2.63 0.00	80.12 3.42 0.00	76.69 3.15 0.00	84.10 3.36 -9.52	75.74 3.26 -0.91	72.65 3.34 -2.40	118.27 2.88 -59.02	116.24 2.89 -58.24	71.92 3.42 0.00	58.89 2.57 0.00
COOPERNY_115KV_TB1 80082	36.07 0.90 0.00	34.48 0.87 0.00	36.09 0.92 0.00	35.77 0.93 0.00	34.50 0.87 0.00	34.88 0.99 0.00	45.46 1.48 0.00	62.59 2.01 0.00	49.32 1.70 0.00	41.08 1.29 0.00	37.55 1.38 7.74	48.87 1.59 0.00	48.79 1.56 0.00	52.97 1.66 0.00	63.84 2.04 0.00	79.39 2.69 0.00	76.25 2.71 0.00	76.18 3.07 -1.88	75.16 3.10 -0.49	71.16 2.94 -1.31	70.63 2.34 -11.92	69.20 2.28 -11.82	71.18 2.69 0.00	58.30 1.99 0.00
COPENHAGEN_WT_PWR 323753	33.03 -2.14 0.00	31.51 -2.11 0.00	32.90 -2.27 0.00	32.61 -2.22 0.00	31.57 -2.06 0.00	31.88 -2.02 0.00	41.52 -2.46 0.00	57.44 -3.14 0.00	44.92 -2.69 0.00	37.65 -2.14 0.00	41.33 -2.58 0.00	44.57 -2.71 0.00	44.06 -3.17 0.00	47.73 -3.59 0.00	57.94 -3.87 0.00	72.40 -4.29 0.00	70.07 -3.47 0.00	68.41 -2.82 0.00	68.61 -3.00 -0.04	64.05 -2.96 -0.10	53.72 -2.68 -0.03	52.26 -2.88 -0.04	64.67 -3.83 0.00	53.04 -3.28 0.00
CORNELL_____ 23752	34.88 -0.28 0.00	33.36 -0.24 0.00	34.94 -0.22 0.00	34.59 -0.24 0.00	33.41 -0.22 0.00	33.82 -0.07 0.00	43.95 -0.03 0.00	60.46 -0.23 -0.10	47.77 -0.02 -0.17	39.71 -0.08 0.00	43.86 -0.04 0.00	47.44 0.16 0.00	47.26 0.03 0.00	51.33 0.01 0.00	61.71 -0.09 0.00	76.68 -0.01 0.00	73.66 0.11 0.00	72.56 0.67 -0.66	72.47 0.75 -0.15	67.91 0.59 -0.41	60.82 0.30 -4.15	59.47 0.25 -4.11	68.67 0.18 0.00	56.34 0.02 0.00

CORONA V_69 KV_TB1 355595	37.68 2.51 0.00	35.93 2.32 0.00	37.58 2.42 0.00	37.26 2.42 0.00	35.92 2.30 0.00	36.43 2.54 0.00	53.76 3.70 -6.08	65.41 4.83 0.00	51.62 4.00 0.00	42.99 3.19 0.00	64.69 3.61 -17.17	73.25 4.09 -21.87	71.60 4.15 -20.22	55.64 4.32 -0.01	66.99 5.18 0.00	83.31 6.61 0.00	79.63 6.08 0.00	80.71 6.90 -2.59	83.14 6.96 -4.61	76.21 6.54 -2.75	78.11 5.37 -16.37	76.55 5.20 -16.24	79.17 6.38 -4.29	61.12 4.80 0.00
CORTLAND_115KV_TB3 80093	34.75 -0.42 0.00	33.25 -0.36 0.00	34.82 -0.35 0.00	34.48 -0.35 0.00	33.31 -0.32 0.00	33.69 -0.20 0.00	43.75 -0.23 0.00	60.25 -0.41 -0.08	47.56 -0.19 -0.13	39.58 -0.21 0.00	43.73 -0.18 0.00	47.49 0.21 0.00	47.13 -0.10 0.00	51.14 -0.17 0.00	61.56 -0.24 0.00	76.52 -0.18 0.00	73.32 -0.22 0.00	71.91 0.18 -0.50	71.88 0.19 -0.13	67.36 0.12 -0.33	59.46 -0.08 -3.17	58.17 -0.08 -3.14	68.30 -0.20 0.00	56.04 -0.28 0.00
COXSACKIE__GT 23611	38.24 3.07 0.00	36.53 2.92 0.00	38.22 3.06 0.00	37.87 3.03 0.00	36.57 2.94 0.00	36.87 2.97 0.00	48.10 4.13 0.00	66.53 5.95 0.00	52.31 4.69 0.00	43.26 3.46 0.00	48.65 3.74 -1.00	50.73 3.44 0.00	51.34 4.11 0.00	55.50 4.19 0.00	67.34 5.54 0.00	84.20 7.50 0.00	81.31 7.76 0.00	84.91 8.24 -5.45	80.54 8.13 -0.84	76.74 7.61 -2.23	96.65 6.22 -34.06	94.78 6.00 -33.67	75.75 7.25 0.00	61.85 5.53 0.00
CPV_VALLEY__CC1 323721	36.23 1.07 0.00	34.64 1.03 0.00	36.23 1.07 0.00	35.92 1.08 0.00	34.65 1.02 0.00	35.04 1.15 0.00	45.72 1.75 0.00	62.94 2.36 0.00	49.63 2.01 0.00	41.29 1.50 0.00	34.53 1.59 10.96	49.13 1.85 0.00	49.05 1.82 0.00	53.25 1.93 0.00	64.19 2.39 0.00	79.86 3.16 0.00	76.71 3.17 0.00	76.92 3.60 -2.10	75.75 3.63 -0.55	71.84 3.46 -1.47	72.39 2.74 -13.28	70.95 2.68 -13.17	71.66 3.16 0.00	58.65 2.33 0.00
CPV_VALLEY__CC2 323722	36.23 1.07 0.00	34.64 1.03 0.00	36.23 1.07 0.00	35.92 1.08 0.00	34.65 1.02 0.00	35.04 1.15 0.00	45.72 1.75 0.00	62.94 2.36 0.00	49.63 2.01 0.00	41.29 1.50 0.00	34.53 1.59 10.96	49.13 1.85 0.00	49.05 1.82 0.00	53.25 1.93 0.00	64.19 2.39 0.00	79.86 3.16 0.00	76.71 3.17 0.00	76.92 3.60 -2.10	75.75 3.63 -0.55	71.84 3.46 -1.47	72.39 2.74 -13.28	70.95 2.68 -13.17	71.66 3.16 0.00	58.65 2.33 0.00
CRESCENT__HYD 24018	36.86 1.69 0.00	35.23 1.62 0.00	36.84 1.68 0.00	36.48 1.65 0.00	35.19 1.56 0.00	35.45 1.56 0.00	46.01 2.03 0.00	63.30 2.72 0.00	49.76 2.15 0.00	41.30 1.51 0.00	47.68 1.69 -2.09	49.20 1.91 0.00	49.17 1.95 0.00	53.47 2.15 0.00	64.43 2.63 0.00	80.12 3.42 0.00	76.69 3.15 0.00	84.10 3.36 -9.52	75.74 3.26 -0.91	72.65 3.34 -2.40	118.27 2.88 -59.02	116.24 2.89 -58.24	71.92 3.42 0.00	58.89 2.57 0.00
CRICKET__VALLEY_CC1 323756	36.97 1.81 0.00	35.35 1.74 0.00	36.96 1.80 0.00	36.65 1.81 0.00	35.37 1.74 0.00	35.71 1.82 0.00	46.55 2.57 0.00	64.01 3.44 0.00	50.45 2.84 0.00	41.88 2.09 0.00	52.30 2.25 -6.14	49.91 2.62 0.00	49.82 2.59 0.00	54.05 2.74 0.00	65.23 3.43 0.00	81.16 4.46 0.00	77.88 4.34 0.00	78.96 4.83 -2.90	77.06 4.75 -0.74	73.55 4.68 -1.96	78.58 3.84 -18.36	77.15 3.83 -18.21	73.08 4.59 0.00	59.76 3.44 0.00
CRICKET__VALLEY_CC2 323757	36.97 1.81 0.00	35.35 1.74 0.00	36.96 1.80 0.00	36.65 1.81 0.00	35.37 1.74 0.00	35.71 1.82 0.00	46.55 2.57 0.00	64.01 3.44 0.00	50.45 2.84 0.00	41.88 2.09 0.00	52.30 2.25 -6.14	49.91 2.62 0.00	49.82 2.59 0.00	54.05 2.74 0.00	65.23 3.43 0.00	81.16 4.46 0.00	77.88 4.34 0.00	78.96 4.83 -2.90	77.06 4.75 -0.74	73.55 4.68 -1.96	78.58 3.84 -18.36	77.15 3.83 -18.21	73.08 4.59 0.00	59.76 3.44 0.00
CRICKET__VALLEY_CC3 323758	36.97 1.81 0.00	35.35 1.74 0.00	36.96 1.80 0.00	36.65 1.81 0.00	35.37 1.74 0.00	35.71 1.82 0.00	46.55 2.57 0.00	64.01 3.44 0.00	50.45 2.84 0.00	41.88 2.09 0.00	52.30 2.25 -6.14	49.91 2.62 0.00	49.82 2.59 0.00	54.05 2.74 0.00	65.23 3.43 0.00	81.16 4.46 0.00	77.88 4.34 0.00	78.96 4.83 -2.90	77.06 4.75 -0.74	73.55 4.68 -1.96	78.58 3.84 -18.36	77.15 3.83 -18.21	73.08 4.59 0.00	59.76 3.44 0.00
CRUCIBLE_METL_DRP 24180	34.41 -0.75 0.00	32.92 -0.69 0.00	34.43 -0.73 0.00	34.11 -0.73 0.00	32.95 -0.68 0.00	33.26 -0.63 0.00	43.10 -0.88 0.00	59.49 -1.26 -0.17	46.94 -0.93 -0.26	39.01 -0.78 0.00	43.07 -0.84 0.00	46.34 -0.95 0.00	46.35 -0.88 0.00	50.39 -0.93 0.00	60.66 -1.15 0.00	75.36 -1.34 0.00	72.27 -1.27 0.00	70.33 -0.90 0.00	70.76 -0.88 -0.07	66.22 -0.88 -0.19	55.58 -0.85 -0.05	54.28 -0.89 -0.07	67.33 -1.17 0.00	55.29 -1.03 0.00
DAHOWA__HYDRO 323763	37.19 2.02 0.00	35.52 1.90 0.00	37.15 1.98 0.00	36.76 1.92 0.00	35.47 1.85 0.00	35.79 1.91 0.00	46.62 2.65 0.00	64.07 3.49 0.00	50.36 2.74 0.00	41.67 1.88 0.00	47.89 2.03 -1.95	49.58 2.30 0.00	49.53 2.30 0.00	53.80 2.48 0.00	64.81 3.00 0.00	80.66 3.96 0.00	77.31 3.76 0.00	86.00 4.03 -10.74	76.32 3.83 -0.92	73.23 3.88 -2.44	126.23 3.30 -66.56	124.03 3.28 -65.65	72.28 3.78 0.00	59.14 2.82 0.00
DANC__LFGE 323619	33.40 -1.77 0.00	31.89 -1.72 0.00	33.31 -1.85 0.00	33.00 -1.83 0.00	31.94 -1.68 0.00	32.21 -1.68 0.00	41.83 -2.14 0.00	57.81 -2.78 0.00	45.29 -2.33 0.00	37.94 -1.85 0.00	41.76 -2.14 0.00	45.00 -2.29 0.00	44.69 -2.54 0.00	48.46 -2.85 0.00	58.64 -3.16 0.00	73.04 -3.66 0.00	70.46 -3.09 0.00	68.70 -2.53 0.00	68.97 -2.64 -0.04	64.43 -2.60 -0.12	54.06 -2.34 -0.03	52.71 -2.43 -0.04	65.35 -3.15 0.00	53.59 -2.73 0.00
DANSKAMMER__1 23586	37.31 2.14 0.00	35.64 2.03 0.00	37.28 2.11 0.00	36.96 2.12 0.00	35.65 2.03 0.00	36.09 2.19 0.00	47.20 3.22 0.00	65.01 4.43 0.00	51.28 3.67 0.00	42.63 2.84 0.00	46.98 3.07 0.00	50.77 3.49 0.00	50.64 3.41 0.00	54.98 3.67 0.00	66.35 4.55 0.00	82.55 5.86 0.00	79.37 5.83 0.00	80.21 6.36 -2.63	78.64 6.39 -0.68	74.79 6.07 -1.81	77.93 4.91 -16.65	76.38 4.76 -16.51	74.20 5.69 0.00	60.63 4.31 0.00
DANSKAMMER__2 23589	37.31 2.14 0.00	35.64 2.03 0.00	37.28 2.11 0.00	36.96 2.12 0.00	35.65 2.03 0.00	36.09 2.19 0.00	47.20 3.22 0.00	65.01 4.43 0.00	51.28 3.67 0.00	42.63 2.84 0.00	46.98 3.07 0.00	50.77 3.49 0.00	50.64 3.41 0.00	54.98 3.67 0.00	66.35 4.55 0.00	82.55 5.86 0.00	79.37 5.83 0.00	80.21 6.36 -2.63	78.64 6.39 -0.68	74.79 6.07 -1.81	77.93 4.91 -16.65	76.38 4.76 -16.51	74.20 5.69 0.00	60.63 4.31 0.00
DANSKAMMER__3 23590	37.31 2.14 0.00	35.64 2.03 0.00	37.28 2.11 0.00	36.96 2.12 0.00	35.65 2.03 0.00	36.09 2.19 0.00	47.20 3.22 0.00	65.01 4.43 0.00	51.28 3.67 0.00	42.63 2.84 0.00	46.98 3.07 0.00	50.77 3.49 0.00	50.64 3.41 0.00	54.98 3.67 0.00	66.35 4.55 0.00	82.55 5.86 0.00	79.37 5.83 0.00	80.21 6.36 -2.63	78.64 6.39 -0.68	74.79 6.07 -1.81	77.93 4.91 -16.65	76.38 4.76 -16.51	74.20 5.69 0.00	60.63 4.31 0.00

DANSKAMMER___4 23591	37.31 2.14 0.00	35.64 2.03 0.00	37.28 2.11 0.00	36.96 2.12 0.00	35.65 2.03 0.00	36.09 2.19 0.00	47.20 3.22 0.00	65.01 4.43 0.00	51.28 3.67 0.00	42.63 2.84 0.00	46.98 3.07 0.00	50.77 3.49 0.00	50.64 3.41 0.00	54.98 3.67 0.00	66.35 4.55 0.00	82.55 5.86 0.00	79.37 5.83 0.00	80.21 6.36 -2.63	78.64 6.39 -0.68	74.79 6.07 -1.81	77.93 4.91 -16.65	76.38 4.76 -16.51	74.20 5.69 0.00	60.63 4.31 0.00
DANSKAMMER___DIESEL 23592	37.31 2.14 0.00	35.64 2.03 0.00	37.28 2.12 0.00	36.97 2.14 0.00	35.66 2.03 0.00	36.08 2.19 0.00	47.20 3.23 0.00	65.02 4.44 0.00	51.28 3.67 0.00	42.63 2.84 0.00	46.98 3.07 0.00	50.80 3.51 0.00	50.65 3.42 0.00	54.98 3.67 0.00	66.37 4.57 0.00	82.58 5.88 0.00	79.40 5.86 0.00	80.22 6.37 -2.63	78.67 6.42 -0.68	74.80 6.09 -1.81	77.93 4.91 -16.65	76.38 4.76 -16.51	74.20 5.69 0.00	60.64 4.32 0.00
DARBY___SOLAR 323810	37.17 2.00 0.00	35.50 1.89 0.00	37.13 1.97 0.00	36.74 1.91 0.00	35.46 1.84 0.00	35.77 1.88 0.00	46.57 2.60 0.00	64.02 3.44 0.00	50.30 2.68 0.00	41.64 1.85 0.00	47.88 2.00 -1.98	49.54 2.26 0.00	49.53 2.30 0.00	53.80 2.49 0.00	64.82 3.01 0.00	80.68 3.98 0.00	77.32 3.77 0.00	85.83 4.01 -10.60	76.33 3.85 -0.92	73.21 3.88 -2.43	125.32 3.30 -65.65	123.13 3.27 -64.75	72.30 3.80 0.00	59.17 2.85 0.00
DASHVILLE___HYD 23610	37.60 2.43 0.00	35.91 2.30 0.00	37.56 2.40 0.00	37.23 2.40 0.00	35.93 2.30 0.00	36.38 2.49 0.00	47.94 3.96 0.00	66.33 5.75 0.00	52.39 4.77 0.00	43.57 3.78 0.00	46.30 4.00 1.61	51.79 4.51 0.00	51.57 4.34 0.00	56.00 4.68 0.00	67.74 5.94 0.00	84.28 7.59 0.00	81.33 7.78 0.00	82.94 8.45 -3.27	80.80 8.54 -0.70	76.74 7.98 -1.85	83.29 6.38 -20.54	81.57 6.12 -20.34	75.84 7.34 0.00	61.89 5.57 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	37.66 2.49 0.00	35.77 2.16 0.00	37.50 2.34 0.00	37.12 2.29 0.00	35.78 2.16 0.00	36.27 2.38 0.00	51.01 3.64 -3.39	64.69 4.12 0.00	51.01 3.40 0.00	37.12 2.96 5.63	61.22 3.64 -13.67	63.54 4.05 -12.21	62.83 4.32 -11.29	55.36 4.04 -0.01	66.42 4.62 0.00	83.06 6.36 0.00	79.47 5.92 0.00	80.87 7.06 -2.59	81.66 7.22 -2.87	75.90 6.65 -2.34	78.10 5.36 -16.37	76.59 5.25 -16.24	77.46 6.57 -2.39	61.23 4.91 0.00
DELAWARE___LFGE 323621	35.79 0.62 0.00	34.22 0.61 0.00	35.86 0.70 0.00	35.53 0.69 0.00	34.30 0.67 0.00	34.60 0.71 0.00	45.04 1.06 0.00	62.04 1.48 0.01	48.85 1.24 0.00	40.80 1.00 0.00	43.86 1.10 1.15	48.47 1.19 0.00	48.46 1.23 0.00	52.63 1.32 0.00	63.36 1.55 0.00	78.71 2.01 0.00	75.54 1.99 0.00	75.74 2.29 -2.23	74.22 2.35 -0.30	70.01 2.30 -0.80	72.02 1.76 -13.89	70.53 1.70 -13.72	70.52 2.02 0.00	57.86 1.54 0.00
DERFIELD_115KV_TB7 355931	35.27 0.10 0.00	33.71 0.10 0.00	35.27 0.11 0.00	34.94 0.11 0.00	33.73 0.10 0.00	34.00 0.11 0.00	44.11 0.13 0.00	60.77 0.18 0.00	47.75 0.13 0.00	39.83 0.04 0.00	44.01 0.10 0.00	47.43 0.14 0.00	47.38 0.15 0.00	51.47 0.15 0.00	61.98 0.18 0.00	76.92 0.23 0.00	73.71 0.17 0.00	71.55 0.32 0.00	71.87 0.30 0.00	67.24 0.33 0.00	56.62 0.25 0.00	55.43 0.33 0.00	68.84 0.34 0.00	56.49 0.17 0.00
DOGLEVILLE___HYD 23807	35.71 0.54 0.00	34.14 0.53 0.00	35.70 0.54 0.00	35.32 0.48 0.00	34.10 0.47 0.00	34.49 0.60 0.00	45.01 1.03 0.00	62.89 2.30 0.00	49.35 1.74 0.00	39.87 0.08 0.00	44.03 0.12 0.00	48.39 1.10 0.00	48.68 1.45 0.00	52.99 1.68 0.00	63.39 1.58 0.00	78.59 1.90 0.00	75.20 1.66 0.00	73.58 2.35 0.00	73.84 2.27 0.00	69.35 2.44 0.00	58.40 2.03 0.00	57.13 2.03 0.00	70.44 1.94 0.00	57.43 1.11 0.00
DUNKIRK___115KV_TB_200 55889	23.72 -4.40 7.05	17.38 -4.36 11.88	17.49 -4.62 13.05	17.35 -4.62 12.87	18.72 -4.35 10.55	16.83 -4.11 12.96	24.55 -4.94 14.48	36.96 -6.80 16.82	41.34 -5.77 0.51	29.71 -3.80 6.29	30.75 -4.21 8.94	27.60 -4.77 14.91	25.40 -4.81 17.02	26.52 -5.33 19.46	35.39 -6.47 19.95	45.30 -8.02 23.38	42.76 -7.75 23.03	41.55 -7.37 22.30	41.84 -7.68 22.06	37.71 -7.44 21.76	32.04 -6.58 17.75	31.20 -6.45 17.46	44.75 -6.61 17.14	39.78 -4.78 11.76
DUNKIRK___1 23563	23.72 -4.40 7.05	17.38 -4.36 11.88	17.49 -4.62 13.05	17.35 -4.62 12.87	18.72 -4.35 10.55	16.83 -4.11 12.96	24.55 -4.94 14.48	36.96 -6.80 16.82	41.34 -5.77 0.51	29.71 -3.80 6.29	30.75 -4.21 8.94	27.60 -4.77 14.91	25.40 -4.81 17.02	26.52 -5.33 19.46	35.39 -6.47 19.95	45.30 -8.02 23.38	42.76 -7.75 23.03	41.55 -7.37 22.30	41.84 -7.68 22.06	37.71 -7.44 21.76	32.04 -6.58 17.75	31.20 -6.45 17.46	44.75 -6.61 17.14	39.78 -4.78 11.76
DUNKIRK___2 23564	23.72 -4.40 7.05	17.38 -4.36 11.88	17.49 -4.62 13.05	17.35 -4.62 12.87	18.72 -4.35 10.55	16.83 -4.11 12.96	24.55 -4.94 14.48	36.96 -6.80 16.82	41.34 -5.77 0.51	29.71 -3.80 6.29	30.75 -4.21 8.94	27.60 -4.77 14.91	25.40 -4.81 17.02	26.52 -5.33 19.46	35.39 -6.47 19.95	45.30 -8.02 23.38	42.76 -7.75 23.03	41.55 -7.37 22.30	41.84 -7.68 22.06	37.71 -7.44 21.76	32.04 -6.58 17.75	31.20 -6.45 17.46	44.75 -6.61 17.14	39.78 -4.78 11.76
DUNKIRK___3 23565	23.05 -4.35 7.77	16.26 -4.26 13.10	16.23 -4.54 14.39	16.11 -4.53 14.20	17.72 -4.27 11.64	15.56 -4.04 14.29	23.07 -4.93 15.97	35.28 -6.80 18.50	41.28 -5.80 0.53	29.00 -3.87 6.93	29.76 -4.29 9.85	26.01 -4.85 16.43	23.61 -4.87 18.75	24.49 -5.38 21.45	33.32 -6.51 21.98	42.86 -8.08 25.75	40.35 -7.82 25.38	39.21 -7.39 24.63	39.55 -7.70 24.32	35.36 -7.53 24.02	29.85 -6.62 19.90	29.07 -6.46 19.57	42.98 -6.62 18.90	38.54 -4.81 12.97
DUNKIRK___4 23566	23.05 -4.35 7.77	16.26 -4.26 13.10	16.23 -4.54 14.39	16.11 -4.53 14.20	17.72 -4.27 11.64	15.56 -4.04 14.29	23.07 -4.93 15.97	35.28 -6.80 18.50	41.28 -5.80 0.53	29.00 -3.87 6.93	29.76 -4.29 9.85	26.01 -4.85 16.43	23.61 -4.87 18.75	24.49 -5.38 21.45	33.32 -6.51 21.98	42.86 -8.08 25.75	40.35 -7.82 25.38	39.21 -7.39 24.63	39.55 -7.70 24.32	35.36 -7.53 24.02	29.85 -6.62 19.90	29.07 -6.46 19.57	42.98 -6.62 18.90	38.54 -4.81 12.97
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	37.19 2.02 0.00	35.55 1.94 0.00	37.18 2.02 0.00	36.86 2.02 0.00	35.52 1.89 0.00	35.94 2.04 0.00	46.97 2.99 0.00	64.62 4.04 0.00	51.00 3.39 0.00	42.41 2.62 0.00	56.07 2.89 -9.28	50.62 3.33 0.00	50.53 3.30 0.00	54.82 3.50 0.00	66.06 4.26 0.00	82.16 5.47 0.00	78.85 5.30 0.00	79.60 5.79 -2.58	78.09 5.83 -0.69	74.24 5.51 -1.82	77.16 4.43 -16.36	75.65 4.32 -16.23	73.73 5.23 0.00	60.26 3.94 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.91 1.74 0.00	35.27 1.66 0.00	36.90 1.73 0.00	36.57 1.73 0.00	35.28 1.65 0.00	35.70 1.82 0.00	46.71 2.73 0.00	64.35 3.77 0.00	50.76 3.15 0.00	42.21 2.42 0.00	41.23 2.59 5.27	50.24 2.95 0.00	50.10 2.87 0.00	54.40 3.09 0.00	65.66 3.86 0.00	81.70 5.01 0.00	78.59 5.04 0.00	79.25 5.53 -2.49	77.80 5.59 -0.64	73.89 5.28 -1.70	76.38 4.24 -15.77	74.85 4.10 -15.64	73.38 4.88 0.00	59.98 3.67 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	37.16 1.99 0.00	35.60 1.98 -0.01	37.22 2.05 -0.01	36.91 2.07 0.00	35.49 1.87 0.00	35.88 1.99 0.00	46.92 2.94 0.00	64.69 4.11 0.00	51.10 3.49 0.00	42.50 2.71 0.00	56.14 2.96 -9.27	50.75 3.47 0.00	50.64 3.41 0.00	54.88 3.56 0.00	66.10 4.30 0.00	82.18 5.49 0.00	78.90 5.36 0.00	79.70 5.89 -2.58	78.31 6.05 -0.69	74.33 5.60 -1.82	77.18 4.45 -16.36	75.79 4.46 -16.23	73.83 5.33 0.00	60.38 4.07 0.00
E179THST_13_KV_LOAD 356214	37.31 2.14 0.00	35.72 2.11 -0.01	37.35 2.18 -0.01	37.02 2.18 0.00	35.61 1.98 0.00	35.99 2.10 0.00	47.09 3.12 0.00	64.97 4.39 0.00	51.33 3.71 0.00	42.69 2.90 0.00	56.34 3.16 -9.27	51.00 3.72 0.00	50.88 3.65 0.00	55.13 3.81 0.00	66.41 4.61 0.00	82.57 5.87 0.00	79.28 5.74 0.00	80.10 6.29 -2.58	78.70 6.45 -0.69	74.70 5.97 -1.82	77.47 4.74 -16.36	76.06 4.73 -16.23	74.17 5.67 0.00	60.64 4.32 0.00
EAST HAMPTON___GT 23717	37.13 1.96 0.00	35.24 1.63 0.00	36.94 1.78 0.00	36.58 1.75 0.00	35.27 1.65 0.00	35.78 1.89 0.00	50.39 3.02 -3.39	63.88 3.30 0.00	50.38 2.76 0.00	36.54 2.39 5.65	60.56 2.99 -13.67	62.80 3.31 -12.21	62.06 3.55 -11.29	54.54 3.22 -0.01	65.45 3.64 0.00	81.96 5.27 0.00	78.49 4.95 0.00	79.99 6.18 -2.59	80.78 6.34 -2.87	75.08 5.83 -2.34	77.39 4.65 -16.37	75.86 4.52 -16.24	76.51 5.62 -2.39	60.41 4.08 0.00
EAST RIVER___6 23660	37.18 2.01 0.00	35.54 1.93 0.00	37.13 1.96 0.00	36.81 1.98 0.00	35.46 1.83 0.00	35.88 1.99 0.00	46.94 2.97 0.00	64.63 4.05 0.00	51.10 3.48 0.00	42.51 2.71 0.00	56.20 3.01 -9.28	50.78 3.49 0.00	50.69 3.46 0.00	55.00 3.68 0.00	66.26 4.45 0.00	82.36 5.66 0.00	79.04 5.50 0.00	79.84 6.03 -2.58	78.31 6.05 -0.69	74.43 5.71 -1.82	77.25 4.53 -16.36	75.74 4.41 -16.23	73.79 5.29 0.00	60.26 3.94 0.00
EAST RIVER___7 23524	37.18 2.01 0.00	35.54 1.93 0.00	37.13 1.96 0.00	36.81 1.98 0.00	35.46 1.83 0.00	35.88 1.99 0.00	46.94 2.97 0.00	64.63 4.05 0.00	51.10 3.48 0.00	42.51 2.71 0.00	56.20 3.01 -9.28	50.78 3.49 0.00	50.69 3.46 0.00	55.00 3.68 0.00	66.26 4.45 0.00	82.36 5.66 0.00	79.04 5.50 0.00	79.84 6.03 -2.58	78.31 6.05 -0.69	74.43 5.71 -1.82	77.25 4.53 -16.36	75.74 4.41 -16.23	73.79 5.29 0.00	60.26 3.94 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	37.08 1.91 0.00	35.45 1.84 0.00	37.08 1.92 0.00	36.76 1.92 0.00	35.43 1.80 0.00	35.84 1.95 0.00	46.84 2.86 0.00	64.48 3.90 0.00	50.86 3.24 0.00	42.28 2.49 0.00	56.19 2.73 -9.55	50.44 3.15 0.00	50.36 3.13 0.00	54.65 3.33 0.00	65.85 4.05 0.00	81.92 5.22 0.00	78.63 5.08 0.00	79.36 5.57 -2.57	77.90 5.65 -0.68	74.07 5.35 -1.81	76.92 4.30 -16.25	75.44 4.21 -16.12	73.56 5.06 0.00	60.12 3.81 0.00
EAST_HAMPTON___DIESEL 23722	37.03 1.86 0.00	35.15 1.54 0.00	36.84 1.68 0.00	36.48 1.65 0.00	35.19 1.56 0.00	35.68 1.79 0.00	50.27 2.91 -3.39	63.72 3.14 0.00	50.25 2.63 0.00	36.44 2.29 5.65	60.44 2.86 -13.67	62.70 3.21 -12.21	61.94 3.43 -11.29	54.41 3.09 -0.01	65.28 3.48 0.00	81.77 5.07 0.00	78.33 4.78 0.00	79.81 6.00 -2.59	80.58 6.14 -2.87	74.90 5.65 -2.34	77.25 4.51 -16.37	75.72 4.37 -16.24	76.34 5.45 -2.39	60.25 3.94 0.00
EAST_POINT___SOLAR 323840	36.71 1.54 0.00	35.07 1.46 0.00	36.68 1.51 0.00	36.35 1.52 0.00	35.16 1.53 0.00	35.54 1.64 0.00	46.42 2.44 0.00	64.18 3.60 0.00	50.00 2.38 0.00	41.31 1.52 0.00	46.80 1.49 -1.40	49.70 2.42 0.00	49.63 2.40 0.00	53.85 2.54 0.00	64.75 2.95 0.00	80.90 4.21 0.00	78.31 4.76 0.00	86.69 4.89 -10.58	77.51 4.94 -1.00	74.03 4.47 -2.65	125.54 3.57 -65.60	123.03 3.21 -64.72	72.39 3.89 0.00	59.46 3.14 0.00
EAST_PULASKI___ESR 323781	33.81 -1.36 0.00	32.30 -1.31 0.00	33.77 -1.40 0.00	33.45 -1.39 0.00	32.34 -1.28 0.00	32.61 -1.29 0.00	42.23 -1.75 0.00	58.23 -2.35 0.00	45.72 -1.89 0.00	38.28 -1.51 0.00	42.23 -1.68 0.00	45.46 -1.83 0.00	45.33 -1.89 0.00	49.24 -2.08 0.00	59.41 -2.39 0.00	73.82 -2.88 0.00	70.98 -2.57 0.00	69.12 -2.11 0.00	69.45 -2.17 -0.05	64.93 -2.11 -0.13	54.51 -1.90 -0.04	53.24 -1.92 -0.05	66.06 -2.44 0.00	54.20 -2.12 0.00
EAST_RIVER___1 323558	37.18 2.01 0.00	35.56 1.95 0.00	37.14 1.98 0.00	36.83 1.99 0.00	35.47 1.84 0.00	35.88 1.99 0.00	46.92 2.95 0.00	64.61 4.03 0.00	51.05 3.44 0.00	42.46 2.67 0.00	56.14 2.95 -9.28	50.70 3.41 0.00	50.63 3.40 0.00	54.92 3.60 0.00	66.18 4.38 0.00	82.28 5.58 0.00	78.96 5.41 0.00	79.74 5.93 -2.58	78.21 5.96 -0.69	74.35 5.63 -1.82	77.20 4.48 -16.36	75.71 4.38 -16.23	73.78 5.28 0.00	60.24 3.92 0.00
EAST_RIVER___2 323559	37.18 2.01 0.00	35.54 1.93 0.00	37.13 1.96 0.00	36.81 1.98 0.00	35.46 1.83 0.00	35.88 1.99 0.00	46.94 2.97 0.00	64.63 4.05 0.00	51.10 3.48 0.00	42.51 2.71 0.00	56.20 3.01 -9.28	50.78 3.49 0.00	50.69 3.46 0.00	55.00 3.68 0.00	66.26 4.45 0.00	82.36 5.66 0.00	79.04 5.50 0.00	79.84 6.03 -2.58	78.31 6.05 -0.69	74.43 5.71 -1.82	77.25 4.53 -16.36	75.74 4.41 -16.23	73.79 5.29 0.00	60.26 3.94 0.00
EAST___DELAWARE_HYD 23607	36.60 1.43 0.00	34.97 1.36 0.00	36.58 1.42 0.00	36.26 1.43 0.00	35.01 1.38 0.00	35.45 1.56 0.00	46.48 2.51 0.00	64.16 3.58 0.00	50.62 3.01 0.00	42.12 2.33 0.00	41.77 2.47 4.60	50.03 2.75 0.00	49.80 2.57 0.00	54.08 2.77 0.00	65.28 3.47 0.00	81.30 4.60 0.00	78.48 4.93 0.00	79.22 5.50 -2.50	77.74 5.56 -0.61	73.74 5.22 -1.61	76.31 4.18 -15.76	74.69 3.96 -15.63	73.14 4.64 0.00	59.75 3.43 0.00
EIGHT_POINT___WT_PWR 323820	56.09 -4.24 -25.17	71.89 -4.18 -42.46	77.60 -4.31 -46.75	76.76 -4.20 -46.12	67.48 -3.95 -37.80	76.81 -3.52 -46.43	90.97 -4.72 -51.71	112.19 -6.64 -58.24	44.69 -3.66 -0.73	57.90 -4.27 -22.38	71.05 -4.68 -31.83	95.33 -5.03 -53.07	103.32 -4.47 -60.56	115.87 -4.71 -69.27	126.82 -5.96 -70.98	153.00 -6.91 -83.22	149.41 -6.24 -82.11	147.54 -5.45 -81.77	144.59 -6.20 -79.22	139.69 -6.33 -79.11	128.15 -5.66 -77.44	126.08 -5.54 -76.51	123.08 -6.83 -61.41	92.85 -5.61 -42.14
ELBRIDGE_115KV_TB2 80188	34.20 -0.97 0.00	32.72 -0.90 0.00	34.22 -0.95 0.00	33.89 -0.94 0.00	32.75 -0.88 0.00	33.05 -0.84 0.00	42.83 -1.15 0.00	59.18 -1.64 -0.23	46.75 -1.22 -0.35	38.75 -1.04 0.00	42.78 -1.12 0.00	46.03 -1.26 0.00	46.03 -1.20 0.00	50.02 -1.30 0.00	60.20 -1.60 0.00	74.81 -1.89 0.00	71.74 -1.81 0.00	69.80 -1.43 0.00	70.30 -1.35 -0.07	65.81 -1.30 -0.20	55.21 -1.22 -0.06	53.96 -1.22 -0.07	66.93 -1.57 0.00	54.99 -1.33 0.00
ELEC_TRO_TEK 24086	37.49 2.32 0.00	35.75 2.14 0.00	37.41 2.24 0.00	37.08 2.25 0.00	35.75 2.12 0.00	36.25 2.36 0.00	53.45 3.48 -5.99	65.07 4.49 0.00	51.40 3.78 0.00	42.79 3.00 0.00	64.36 3.39 -17.06	72.72 3.86 -21.57	71.09 3.92 -19.94	55.37 4.04 -0.01	66.63 4.83 0.00	82.85 6.15 0.00	79.28 5.73 0.00	80.28 6.47 -2.59	82.62 6.50 -4.55	75.76 6.11 -2.74	77.73 4.98 -16.37	76.17 4.83 -16.24	78.70 5.97 -4.23	60.79 4.47 0.00

ELLENBURG_WT_PWR 323604	34.20 -0.97 0.00	32.58 -1.03 0.00	34.10 -1.06 0.00	24.55 -1.07 9.21	-11.79 -1.10 44.32	-16.98 -1.14 49.73	-21.42 -1.37 64.03	-21.63 -1.59 80.63	-21.48 -1.23 67.87	-21.44 -0.86 60.38	-21.46 -1.03 64.34	-21.46 -1.27 67.48	-21.45 -1.36 67.32	-21.49 -1.44 71.37	-7.62 -1.66 67.76	-13.81 -2.41 88.09	-21.62 -2.16 93.01	-21.57 -2.59 90.20	-21.64 -2.59 90.62	-21.53 -2.59 85.85	-7.88 -2.11 62.14	-21.45 -2.29 74.27	-21.56 -2.61 87.44	3.48 -1.75 51.09
ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.88 -4.47 7.82	16.11 -4.32 13.19	16.03 -4.62 14.51	15.88 -4.64 14.31	17.56 -4.34 11.73	15.32 -4.17 14.41	22.73 -5.14 16.10	34.81 -7.13 18.65	40.95 -6.09 0.58	28.62 -4.20 6.97	29.29 -4.71 9.91	25.44 -5.31 16.53	23.08 -5.29 18.86	23.90 -5.84 21.58	32.67 -7.02 22.11	42.03 -8.76 25.91	39.60 -8.41 25.53	38.50 -7.93 24.80	38.86 -8.23 24.47	34.56 -8.17 24.18	29.14 -7.10 20.13	28.40 -6.94 19.77	42.33 -7.11 19.05	38.06 -5.19 13.07
EMPIRE_CC_1 323656	36.77 1.60 0.00	35.16 1.55 0.00	36.77 1.61 0.00	36.42 1.59 0.00	35.08 1.45 0.00	35.21 1.32 0.00	45.55 1.58 0.00	62.57 1.99 0.00	49.24 1.62 0.00	40.96 1.17 0.00	47.71 1.33 -2.48	48.81 1.53 0.00	48.78 1.55 0.00	53.04 1.73 0.00	63.90 2.10 0.00	79.30 2.60 0.00	75.89 2.35 0.00	78.38 2.59 -4.57	74.95 2.51 -0.87	71.88 2.66 -2.32	87.37 2.35 -28.65	85.85 2.38 -28.36	71.39 2.89 0.00	58.52 2.20 0.00
EMPIRE_CC_2 323658	36.77 1.60 0.00	35.16 1.55 0.00	36.77 1.61 0.00	36.42 1.59 0.00	35.08 1.45 0.00	35.21 1.32 0.00	45.55 1.58 0.00	62.57 1.99 0.00	49.24 1.62 0.00	40.96 1.17 0.00	47.71 1.33 -2.48	48.81 1.53 0.00	48.78 1.55 0.00	53.04 1.73 0.00	63.90 2.10 0.00	79.30 2.60 0.00	75.89 2.35 0.00	78.38 2.59 -4.57	74.95 2.51 -0.87	71.88 2.66 -2.32	87.37 2.35 -28.65	85.85 2.38 -28.36	71.39 2.89 0.00	58.52 2.20 0.00
ENORWICH_115KV_TB1 80156	35.38 0.21 0.00	33.88 0.27 0.00	35.61 0.45 0.00	35.21 0.38 0.00	33.94 0.31 0.00	34.45 0.56 0.00	45.39 1.41 0.00	65.54 4.88 -0.08	51.78 4.01 -0.15	43.01 3.21 0.00	46.12 3.22 1.01	48.62 1.34 0.00	48.15 0.91 0.00	52.12 0.81 0.00	63.04 1.24 0.00	78.19 1.50 0.00	75.49 1.94 0.00	75.37 2.96 -1.18	74.98 3.19 -0.22	70.23 2.75 -0.57	65.54 1.77 -7.41	63.91 1.48 -7.33	70.12 1.62 0.00	57.39 1.07 0.00
ERIE_ST_34_KV_TB1-2 80199	25.24 -3.45 6.47	19.39 -3.32 10.90	19.64 -3.58 11.94	19.45 -3.61 11.78	20.62 -3.35 9.66	18.88 -3.16 11.86	26.83 -3.88 13.26	39.64 -5.42 15.53	42.36 -4.74 0.51	30.94 -3.06 5.79	32.28 -3.39 8.23	29.74 -3.82 13.73	27.79 -3.78 15.66	29.22 -4.18 17.92	38.43 -5.01 18.36	48.88 -6.30 21.52	46.16 -6.19 21.19	45.01 -5.73 20.49	45.29 -5.98 20.29	40.84 -6.07 20.00	34.90 -5.37 16.10	34.06 -5.20 15.84	47.67 -5.15 15.68	41.90 -3.66 10.76
ERIE_WT_PWR 323693	23.56 -4.20 7.41	17.08 -4.05 12.48	17.16 -4.30 13.70	16.99 -4.33 13.52	18.47 -4.08 11.08	16.43 -3.85 13.61	24.00 -4.77 15.21	36.23 -6.67 17.69	41.25 -5.82 0.54	29.31 -3.86 6.62	30.24 -4.26 9.41	26.82 -4.78 15.68	24.55 -4.78 17.90	25.61 -5.24 20.47	34.46 -6.36 20.98	44.17 -7.93 24.59	41.72 -7.61 24.22	40.66 -7.08 23.49	40.97 -7.39 23.21	36.52 -7.48 22.91	31.07 -6.42 18.88	30.19 -6.34 18.57	44.00 -6.51 18.00	39.21 -4.76 12.35
ESPRGFLD_115KV_TB1 80157	35.48 0.32 0.00	33.89 0.28 0.00	35.48 0.32 0.00	35.17 0.34 0.00	34.00 0.37 0.00	34.32 0.43 0.00	44.74 0.76 0.00	61.87 1.29 0.01	48.72 1.10 0.00	40.75 0.96 0.00	44.89 0.98 0.00	48.47 1.18 0.00	48.45 1.22 0.00	52.58 1.27 0.00	63.18 1.37 0.00	78.37 1.67 0.00	75.51 1.96 0.00	81.10 2.05 -7.82	73.72 2.16 0.00	68.80 1.89 0.00	105.66 1.33 -47.95	103.37 1.10 -47.16	69.90 1.40 0.00	57.54 1.22 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.83 -0.34 0.00	33.32 -0.30 0.00	34.89 -0.27 0.00	34.54 -0.29 0.00	33.37 -0.26 0.00	33.76 -0.13 0.00	43.87 -0.10 0.00	60.35 -0.34 -0.10	47.67 -0.11 -0.17	39.64 -0.15 0.00	43.78 -0.13 0.00	47.34 0.06 0.00	47.17 -0.06 0.00	51.22 -0.09 0.00	61.60 -0.20 0.00	76.54 -0.16 0.00	73.52 -0.03 0.00	72.39 0.51 -0.66	72.32 0.60 -0.15	67.77 0.45 -0.41	60.71 0.19 -4.15	59.36 0.14 -4.11	68.54 0.04 0.00	56.23 -0.09 0.00
ETNA____115KV_TB2 80207	34.83 -0.34 0.00	33.32 -0.30 0.00	34.89 -0.27 0.00	34.54 -0.29 0.00	33.37 -0.26 0.00	33.76 -0.13 0.00	43.87 -0.10 0.00	60.35 -0.34 -0.10	47.67 -0.11 -0.17	39.64 -0.15 0.00	43.78 -0.13 0.00	47.34 0.06 0.00	47.17 -0.06 0.00	51.22 -0.09 0.00	61.60 -0.20 0.00	76.54 -0.16 0.00	73.52 -0.03 0.00	72.39 0.51 -0.66	72.32 0.60 -0.15	67.77 0.45 -0.41	60.71 0.19 -4.15	59.36 0.14 -4.11	68.54 0.04 0.00	56.23 -0.09 0.00
EUCLID____115KV_TB2 356179	34.06 -1.10 0.00	32.58 -1.03 0.00	34.06 -1.10 0.00	33.74 -1.09 0.00	32.60 -1.03 0.00	32.88 -1.01 0.00	42.59 -1.39 0.00	58.65 -1.94 0.00	46.13 -1.49 0.00	38.58 -1.22 0.00	42.59 -1.32 0.00	45.81 -1.47 0.00	45.79 -1.44 0.00	49.78 -1.53 0.00	59.94 -1.86 0.00	74.45 -2.25 0.00	71.39 -2.16 0.00	69.40 -1.83 0.00	69.76 -1.87 -0.06	65.28 -1.79 -0.16	54.81 -1.60 -0.05	53.55 -1.61 -0.06	66.51 -1.99 0.00	54.64 -1.68 0.00
E_CANADA_CAP_HY 24051	35.79 0.61 0.00	34.17 0.56 0.00	35.74 0.57 0.00	35.44 0.61 0.00	34.25 0.63 0.00	34.58 0.69 0.00	45.03 1.05 0.00	62.32 1.74 0.00	48.88 1.27 0.00	40.70 0.91 0.00	45.96 0.86 -1.19	48.63 1.34 0.00	48.70 1.47 0.00	52.83 1.52 0.00	63.42 1.62 0.00	78.79 2.10 0.00	75.98 2.44 0.00	83.50 2.38 -9.89	75.00 2.39 -1.04	71.73 2.07 -2.75	119.38 1.59 -61.43	117.05 1.32 -60.63	70.23 1.73 0.00	57.84 1.52 0.00
E_CANADA_MHWK_HY 24050	35.71 0.54 0.00	34.14 0.53 0.00	35.70 0.54 0.00	35.32 0.48 0.00	34.10 0.47 0.00	34.49 0.60 0.00	45.01 1.03 0.00	62.89 2.30 0.00	49.35 1.74 0.00	39.87 0.08 0.00	44.03 0.12 0.00	48.39 1.10 0.00	48.68 1.45 0.00	52.99 1.68 0.00	63.39 1.58 0.00	78.59 1.90 0.00	75.20 1.66 0.00	73.58 2.35 0.00	73.84 2.27 0.00	69.35 2.44 0.00	58.40 2.03 0.00	57.13 2.03 0.00	70.44 1.94 0.00	57.43 1.11 0.00
E_FISHKILL____LBMP 23776	37.01 1.84 0.00	35.37 1.77 0.00	37.00 1.84 0.00	36.68 1.84 0.00	35.37 1.74 0.00	35.76 1.87 0.00	46.69 2.72 0.00	64.25 3.67 0.00	50.67 3.05 0.00	42.11 2.32 0.00	53.21 2.53 -6.77	50.23 2.95 0.00	50.13 2.90 0.00	54.41 3.10 0.00	65.59 3.79 0.00	81.57 4.88 0.00	78.29 4.75 0.00	79.15 5.22 -2.71	77.52 5.23 -0.72	73.83 5.01 -1.91	77.59 4.06 -17.16	76.12 3.99 -17.02	73.28 4.78 0.00	59.92 3.60 0.00
FALCON____SEABRD_CC1 323796	34.62 -0.55 0.00	32.98 -0.63 0.00	34.55 -0.61 0.00	24.36 -0.65 9.83	-14.42 -0.74 47.31	-20.03 -0.83 53.09	-25.35 -0.98 68.35	-26.58 -1.10 86.07	-25.63 -0.79 72.45	-25.17 -0.51 64.45	-25.36 -0.59 68.68	-25.50 -0.76 72.03	-25.52 -0.89 71.86	-25.81 -1.01 76.19	-11.55 -1.65 72.34	-18.99 -1.42 94.04	-27.16 -1.81 99.29	-26.88 -1.81 96.30	-26.98 -1.81 96.74	-26.60 -1.87 91.65	-11.47 -1.51 66.34	-25.93 -1.75 79.29	-26.78 -1.93 93.35	0.73 -1.05 54.53

FALCON___SEABRD_CC2 323797	34.62 -0.55 0.00	32.98 -0.63 0.00	34.55 -0.61 0.00	24.36 -0.65 9.83	-14.42 -0.74 47.31	-20.03 -0.83 53.09	-25.35 -0.98 68.35	-26.58 -1.10 86.07	-25.63 -0.79 72.45	-25.17 -0.51 64.45	-25.36 -0.59 68.68	-25.50 -0.76 72.03	-25.52 -0.89 71.86	-25.81 -0.94 76.19	-11.55 -1.01 72.34	-18.99 -1.65 94.04	-27.16 -1.42 99.29	-26.88 -1.81 96.30	-26.98 -1.81 96.74	-26.60 -1.87 91.65	-11.47 -1.51 66.34	-25.93 -1.75 79.29	-26.78 -1.93 93.35	0.73 -1.05 54.53
FAR ROCKAWAY___4 23548	37.93 2.77 0.00	36.16 2.54 0.00	37.82 2.66 0.00	37.49 2.65 0.00	36.14 2.52 0.00	36.69 2.80 0.00	53.53 4.06 -5.49	65.92 5.34 0.00	52.00 4.39 0.00	43.31 3.51 0.00	64.30 3.99 -16.41	71.54 4.50 -19.76	70.06 4.57 -18.27	56.09 4.77 -0.01	67.54 5.74 0.00	84.02 7.33 0.00	80.20 6.65 0.00	81.35 7.54 -2.59	83.46 7.66 -4.23	76.76 7.19 -2.66	78.66 5.92 -16.37	77.05 5.70 -16.24	79.37 7.00 -3.88	61.58 5.26 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	37.22 2.05 0.00	35.59 1.98 0.00	37.19 2.03 0.00	36.87 2.04 0.00	35.51 1.89 0.00	35.94 2.05 0.00	46.99 3.01 0.00	64.68 4.10 0.00	51.11 3.50 0.00	42.50 2.71 0.00	56.18 3.00 -9.28	50.76 3.47 0.00	50.67 3.44 0.00	54.98 3.66 0.00	66.25 4.44 0.00	82.35 5.66 0.00	79.03 5.49 0.00	79.83 6.02 -2.58	78.31 6.05 -0.69	74.43 5.70 -1.82	77.27 4.55 -16.36	75.77 4.44 -16.23	73.83 5.33 0.00	60.30 3.98 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	37.24 2.07 0.00	35.60 1.99 0.00	37.22 2.06 0.00	36.89 2.05 0.00	35.54 1.91 0.00	35.95 2.06 0.00	47.01 3.04 0.00	64.73 4.15 0.00	51.13 3.52 0.00	42.52 2.72 0.00	56.20 3.01 -9.28	50.77 3.49 0.00	50.68 3.45 0.00	54.99 3.68 0.00	66.26 4.46 0.00	82.39 5.69 0.00	79.08 5.54 0.00	79.86 6.05 -2.58	78.34 6.09 -0.69	74.48 5.75 -1.82	77.33 4.60 -16.36	75.83 4.49 -16.23	73.88 5.38 0.00	60.33 4.01 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	37.20 2.03 0.00	35.57 1.96 0.00	37.19 2.02 0.00	36.86 2.02 0.00	35.51 1.88 0.00	35.92 2.02 0.00	46.97 2.99 0.00	64.67 4.09 0.00	51.09 3.47 0.00	42.48 2.69 0.00	56.16 2.97 -9.28	50.73 3.45 0.00	50.64 3.41 0.00	54.94 3.63 0.00	66.20 4.39 0.00	82.31 5.61 0.00	79.01 5.46 0.00	79.78 5.97 -2.58	78.26 6.00 -0.69	74.40 5.67 -1.82	77.24 4.52 -16.36	75.74 4.41 -16.23	73.80 5.31 0.00	60.26 3.94 0.00
FARRAGUT___LBMP 323566	37.17 2.01 0.00	35.55 1.94 0.00	37.15 1.99 0.00	36.84 2.00 0.00	35.48 1.85 0.00	35.89 2.00 0.00	46.94 2.96 0.00	64.61 4.03 0.00	51.04 3.43 0.00	42.44 2.65 0.00	56.11 2.93 -9.28	50.69 3.40 0.00	50.59 3.36 0.00	54.89 3.58 0.00	66.14 4.34 0.00	82.23 5.54 0.00	78.94 5.39 0.00	79.71 5.90 -2.58	78.20 5.94 -0.69	74.34 5.61 -1.82	77.21 4.48 -16.36	75.70 4.37 -16.23	73.75 5.25 0.00	60.22 3.90 0.00
FENNER___WINDPWR 24204	35.09 -0.08 0.00	33.60 -0.01 0.00	35.15 -0.01 0.00	34.83 0.00 0.00	33.66 0.03 0.00	34.03 0.14 0.00	44.27 0.29 0.00	60.99 0.41 0.00	47.99 0.37 0.00	40.06 0.26 0.00	44.27 0.36 0.00	47.92 0.63 0.00	47.66 0.43 0.00	51.71 0.40 0.00	62.33 0.53 0.00	77.47 0.78 0.00	74.24 0.69 0.00	72.04 0.81 0.00	72.42 0.77 -0.08	67.77 0.64 -0.22	56.85 0.42 -0.06	55.55 0.37 -0.08	68.81 0.31 0.00	56.45 0.13 0.00
FIBERTEK___ENERGY 23856	34.41 -0.75 0.00	32.92 -0.69 0.00	34.43 -0.73 0.00	34.11 -0.73 0.00	32.95 -0.68 0.00	33.26 -0.63 0.00	43.10 -0.88 0.00	59.49 -1.26 -0.17	46.94 -0.93 -0.26	39.01 -0.78 0.00	43.07 -0.84 0.00	46.34 -0.95 0.00	46.35 -0.88 0.00	50.39 -0.93 0.00	60.66 -1.15 0.00	75.36 -1.34 0.00	72.27 -1.27 0.00	70.33 -0.90 0.00	70.76 -0.88 -0.07	66.22 -0.88 -0.19	55.58 -0.85 -0.05	54.28 -0.89 -0.07	67.33 -1.17 0.00	55.29 -1.03 0.00
FITZPATRICK____ 23598	33.71 -1.46 0.00	32.24 -1.37 0.00	33.72 -1.44 0.00	33.40 -1.44 0.00	32.26 -1.37 0.00	32.51 -1.39 0.00	42.05 -1.93 0.00	57.90 -2.69 0.00	45.51 -2.10 0.00	38.06 -1.73 0.00	42.02 -1.89 0.00	45.23 -2.06 0.00	45.18 -2.05 0.00	49.09 -2.23 0.00	59.12 -2.69 0.00	73.40 -3.29 0.00	70.40 -3.15 0.00	68.36 -2.87 0.00	68.72 -2.89 -0.04	64.26 -2.75 -0.11	54.03 -2.37 -0.03	52.79 -2.35 -0.04	65.59 -2.91 0.00	53.91 -2.41 0.00
FLOWRFLD_69_KV_BK1 356044	37.91 2.74 0.00	36.05 2.43 0.00	37.74 2.58 0.00	37.40 2.57 0.00	36.04 2.41 0.00	36.59 2.69 0.00	51.41 4.03 -3.41	65.56 4.98 0.00	51.72 4.11 0.00	43.00 3.41 0.20	61.65 4.05 -13.69	64.07 4.51 -12.26	63.25 4.68 -11.34	55.90 4.58 -0.01	67.13 5.33 0.00	83.69 6.99 0.00	79.70 6.16 0.00	81.07 7.26 -2.59	81.80 7.35 -2.89	76.09 6.83 -2.34	78.36 5.62 -16.37	76.69 5.34 -16.24	77.74 6.84 -2.41	61.49 5.17 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	37.39 2.22 0.00	35.72 2.11 0.00	37.36 2.20 0.00	37.05 2.21 0.00	35.73 2.11 0.00	36.16 2.27 0.00	47.29 3.32 0.00	65.15 4.57 0.00	51.39 3.77 0.00	42.72 2.93 0.00	48.37 3.17 -1.30	50.90 3.61 0.00	50.75 3.52 0.00	55.11 3.80 0.00	66.52 4.71 0.00	82.75 6.05 0.00	79.55 6.00 0.00	80.39 6.52 -2.65	78.82 6.56 -0.69	74.96 6.23 -1.82	78.16 5.03 -16.75	76.60 4.88 -16.61	74.35 5.85 0.00	60.75 4.44 0.00
FORT ORANGE____ 23900	36.98 1.81 0.00	35.35 1.74 0.00	36.98 1.82 0.00	36.64 1.81 0.00	35.35 1.72 0.00	35.58 1.68 0.00	46.20 2.22 0.00	63.61 3.03 0.00	50.02 2.41 0.00	41.57 1.78 0.00	47.78 1.96 -1.91	49.50 2.22 0.00	49.49 2.26 0.00	53.75 2.44 0.00	64.88 3.08 0.00	80.64 3.94 0.00	77.40 3.86 0.00	82.12 4.11 -6.78	76.52 4.06 -0.89	73.28 4.01 -2.36	101.97 3.36 -42.24	100.14 3.30 -41.72	72.45 3.95 0.00	59.23 2.91 0.00
FORT_DRUM_COGEN 23780	33.45 -1.72 0.00	31.88 -1.73 0.00	33.30 -1.86 0.00	33.00 -1.83 0.00	31.96 -1.66 0.00	32.27 -1.63 0.00	42.06 -1.92 0.00	58.24 -2.35 0.00	45.52 -2.10 0.00	38.14 -1.65 0.00	41.84 -2.07 0.00	45.12 -2.16 0.00	44.58 -2.65 0.00	48.28 -3.03 0.00	58.66 -3.15 0.00	73.34 -3.36 0.00	71.02 -2.53 0.00	69.33 -1.89 0.00	69.51 -2.09 -0.03	64.88 -2.12 -0.09	54.41 -1.98 -0.03	52.90 -2.24 -0.03	65.46 -3.04 0.00	53.70 -2.62 0.00
FOX_HILLS___ESR 323835	289.31 2.23 -251.92	58.32 2.15 -22.55	58.07 2.24 -20.66	58.05 2.23 -20.98	58.05 2.05 -22.38	58.25 2.16 -22.20	59.25 3.17 -12.10	95.82 4.33 -30.90	59.12 3.69 -7.82	65.74 2.80 -23.15	59.32 3.07 -12.35	59.37 3.61 -8.47	59.17 3.55 -8.39	104.50 3.76 -49.42	76.35 4.45 -10.10	82.31 5.60 -0.02	195.66 5.62 -116.50	222.96 6.13 -145.61	150.03 6.45 -72.01	122.45 6.00 -49.55	129.34 4.77 -68.20	96.58 4.69 -36.79	74.08 5.58 0.00	63.40 4.29 -2.79
FPL FAR_ROCK_GT1 24212	37.93 2.77 0.00	36.15 2.54 0.00	37.81 2.65 0.00	37.48 2.65 0.00	36.14 2.52 0.00	36.68 2.79 0.00	53.52 4.06 -5.49	65.91 5.33 0.00	52.01 4.39 0.00	43.31 3.51 0.00	64.30 3.99 -16.41	71.53 4.49 -19.76	70.05 4.55 -18.27	56.08 4.76 -0.01	67.54 5.73 0.00	84.02 7.32 0.00	80.17 6.62 0.00	81.32 7.51 -2.59	83.44 7.64 -4.23	76.75 7.18 -2.66	78.66 5.92 -16.37	77.04 5.69 -16.24	79.38 7.00 -3.88	61.58 5.26 0.00

FPL FAR_ROCK_GT2 23815	37.93 2.77 0.00	36.15 2.54 0.00	37.81 2.65 0.00	37.48 2.65 0.00	36.14 2.52 0.00	36.68 2.79 0.00	53.52 4.06 -5.49	65.91 5.33 0.00	52.01 4.39 0.00	43.31 3.51 0.00	64.30 3.99 -16.41	71.53 4.49 -19.76	70.05 4.55 -18.27	56.08 4.76 -0.01	67.54 5.73 0.00	84.02 7.32 0.00	80.17 6.62 0.00	81.32 7.51 -2.59	83.44 7.64 -4.23	76.75 7.18 -2.66	78.66 5.92 -16.37	77.04 5.69 -16.24	79.38 7.00 -3.88	61.58 5.26 0.00
FRANKLIN_FALL_HYD 24054	34.79 -0.38 0.00	33.12 -0.50 0.00	34.64 -0.53 0.00	34.95 -0.52 -0.63	36.13 -0.55 -3.05	36.76 -0.56 -3.42	47.77 -0.61 -4.40	65.69 -0.44 -5.55	52.00 -0.28 -4.67	43.96 0.02 -4.15	48.22 -0.11 -4.42	51.59 -0.34 -4.64	51.32 -0.53 -4.63	55.68 -0.54 -4.91	65.91 -0.55 -4.66	81.76 -1.00 -6.06	79.28 -0.67 -6.40	76.33 -1.10 -6.20	76.76 -1.04 -6.23	71.56 -1.25 -5.90	59.60 -1.05 -4.27	58.85 -1.36 -5.11	73.01 -1.50 -6.01	58.98 -0.85 -3.51
FREEPORT_EQUS_GT1 23764	37.72 2.55 0.00	35.93 2.33 0.00	37.59 2.42 0.00	37.27 2.43 0.00	35.93 2.30 0.00	36.45 2.56 0.00	52.30 3.76 -4.56	65.31 4.73 0.00	51.69 4.08 0.00	43.04 3.25 0.00	62.61 3.51 -15.19	67.72 4.03 -16.40	66.54 4.15 -15.16	55.69 4.37 -0.01	66.81 5.01 0.00	83.09 6.40 0.00	79.46 5.91 0.00	80.55 6.74 -2.59	82.05 6.86 -3.62	75.83 6.40 -2.52	77.97 5.23 -16.37	76.39 5.05 -16.24	78.00 6.28 -3.22	61.07 4.75 0.00
FREEPORT___CT2 23818	37.72 2.55 0.00	35.93 2.33 0.00	37.59 2.42 0.00	37.27 2.43 0.00	35.93 2.30 0.00	36.45 2.56 0.00	52.30 3.76 -4.56	65.31 4.73 0.00	51.69 4.08 0.00	43.04 3.25 0.00	62.61 3.51 -15.19	67.72 4.03 -16.40	66.54 4.15 -15.16	55.69 4.37 -0.01	66.81 5.01 0.00	83.09 6.40 0.00	79.46 5.91 0.00	80.55 6.74 -2.59	82.05 6.86 -3.62	75.83 6.40 -2.52	77.97 5.23 -16.37	76.39 5.05 -16.24	78.00 6.28 -3.22	61.07 4.75 0.00
FRESHKLS_33_KV_LOAD 356253	289.28 2.20 -251.92	58.30 2.14 -22.55	58.07 2.24 -20.66	58.05 2.23 -20.98	58.04 2.03 -22.38	58.23 2.14 -22.20	59.26 3.18 -12.10	95.78 4.29 -30.90	59.12 3.68 -7.82	65.69 2.75 -23.15	59.25 2.99 -12.35	59.31 3.56 -8.47	59.11 3.48 -8.39	104.44 3.70 -49.42	76.23 4.32 -10.10	82.12 5.41 -0.02	195.67 5.54 -116.59	223.74 6.06 -146.45	150.04 6.46 -72.01	122.46 6.00 -49.55	129.34 4.77 -68.20	96.57 4.67 -36.79	74.01 5.51 0.00	63.41 4.30 -2.79
FULTON COGEN____ 23766	33.95 -1.22 0.00	32.46 -1.15 0.00	33.91 -1.26 0.00	33.58 -1.26 0.00	32.46 -1.17 0.00	32.74 -1.16 0.00	42.38 -1.60 0.00	58.35 -2.24 0.00	45.89 -1.72 0.00	38.36 -1.43 0.00	42.36 -1.55 0.00	45.59 -1.70 0.00	45.60 -1.63 0.00	49.55 -1.76 0.00	59.69 -2.12 0.00	74.12 -2.58 0.00	71.09 -2.46 0.00	69.13 -2.09 0.00	69.49 -2.13 -0.06	65.02 -2.03 -0.15	54.61 -1.80 -0.04	53.33 -1.83 -0.05	66.18 -2.32 0.00	54.33 -1.99 0.00
FULTON___LFGE 323630	36.57 1.40 0.00	34.93 1.32 0.00	36.53 1.37 0.00	36.21 1.37 0.00	34.99 1.36 0.00	35.34 1.44 0.00	46.08 2.10 0.00	63.70 3.12 0.00	49.80 2.19 0.00	41.10 1.30 0.00	46.59 1.22 -1.46	49.37 2.09 0.00	49.61 2.38 0.00	53.77 2.45 0.00	64.33 2.53 0.00	80.57 3.88 0.00	77.66 4.11 0.00	86.17 4.20 -10.75	76.76 4.20 -0.99	73.39 3.85 -2.63	126.12 3.10 -66.65	123.70 2.84 -65.75	71.92 3.43 0.00	59.06 2.75 0.00
G.F.CEMENT___DRP 24184	37.49 2.32 0.00	35.78 2.18 0.00	37.43 2.27 0.00	37.02 2.19 0.00	35.73 2.11 0.00	36.10 2.21 0.00	47.11 3.13 0.00	64.70 4.12 0.00	50.88 3.26 0.00	42.06 2.27 0.00	48.31 2.48 -1.92	50.03 2.75 0.00	49.92 2.69 0.00	54.13 2.82 0.00	65.18 3.38 0.00	81.12 4.42 0.00	77.80 4.26 0.00	86.74 4.52 -11.00	76.78 4.29 -0.92	73.66 4.30 -2.44	128.14 3.66 -68.11	125.90 3.61 -67.18	72.58 4.08 0.00	59.34 3.02 0.00
GARDENVILLE___LBMP 24039	22.18 -4.33 8.65	14.84 -4.18 14.59	14.65 -4.48 16.04	14.53 -4.49 15.82	16.46 -4.20 12.97	13.94 -4.03 15.93	21.22 -4.97 17.79	33.12 -6.91 20.56	41.10 -5.96 0.56	28.05 -4.03 7.72	28.45 -4.49 10.97	23.91 -5.08 18.30	21.30 -5.05 20.88	21.86 -5.58 23.88	30.62 -6.71 24.47	39.66 -8.35 28.68	37.23 -8.05 28.26	36.18 -7.55 27.49	36.59 -7.88 27.10	32.32 -7.81 26.79	27.04 -6.80 22.52	26.31 -6.64 22.16	40.64 -6.80 21.06	36.90 -4.96 14.45
GARDNVLA_35_KV_LD 355827	24.02 -4.20 6.95	17.85 -4.06 11.70	17.97 -4.36 12.83	17.80 -4.37 12.66	19.15 -4.10 10.38	17.25 -3.90 12.74	24.94 -4.79 14.25	37.31 -6.65 16.62	41.32 -5.76 0.53	29.75 -3.84 6.20	30.80 -4.29 8.82	27.71 -4.86 14.71	25.60 -4.85 16.79	26.77 -5.34 19.20	35.69 -6.43 19.68	45.63 -8.00 23.06	43.12 -7.71 22.72	42.04 -7.18 22.00	42.32 -7.49 21.76	37.96 -7.48 21.47	32.32 -6.54 17.52	31.50 -6.37 17.23	45.14 -6.51 16.85	39.98 -4.78 11.57
GELCKHM___115KV_LOAD 80723	34.20 -0.97 0.00	32.71 -0.91 0.00	34.20 -0.96 0.00	33.89 -0.95 0.00	32.73 -0.89 0.00	33.03 -0.86 0.00	42.79 -1.19 0.00	59.00 -1.68 -0.09	46.48 -1.28 -0.14	38.74 -1.05 0.00	42.77 -1.14 0.00	46.01 -1.27 0.00	46.01 -1.22 0.00	50.02 -1.30 0.00	60.21 -1.59 0.00	74.81 -1.89 0.00	71.73 -1.82 0.00	69.76 -1.47 0.00	70.13 -1.50 -0.06	65.64 -1.44 -0.17	55.11 -1.31 -0.05	53.83 -1.33 -0.06	66.83 -1.67 0.00	54.89 -1.43 0.00
GENERAL___MILLS 23808	23.54 -4.22 7.41	17.04 -4.08 12.48	17.08 -4.38 13.70	16.92 -4.39 13.52	18.43 -4.11 11.08	16.36 -3.92 13.61	23.94 -4.83 15.21	36.18 -6.71 17.69	41.27 -5.81 0.54	29.28 -3.89 6.62	30.15 -4.35 9.41	26.69 -4.91 15.68	24.43 -4.90 17.90	25.45 -5.39 20.47	34.31 -6.51 20.98	44.02 -8.09 24.59	41.52 -7.80 24.22	40.44 -7.29 23.49	40.77 -7.59 23.21	36.42 -7.58 22.91	30.88 -6.61 18.88	30.08 -6.46 18.57	43.93 -6.58 18.00	39.15 -4.81 12.35
GE_PLASTICS___DRP 24183	36.57 1.40 0.00	34.97 1.36 0.00	36.61 1.44 0.00	36.26 1.43 0.00	34.98 1.36 0.00	35.20 1.31 0.00	45.67 1.70 0.00	62.85 2.27 0.00	49.43 1.81 0.00	41.13 1.34 0.00	47.36 1.51 -1.94	49.00 1.71 0.00	48.97 1.74 0.00	53.20 1.89 0.00	64.15 2.35 0.00	79.70 3.01 0.00	76.38 2.84 0.00	80.25 3.05 -5.98	75.47 3.01 -0.89	72.29 3.02 -2.36	96.24 2.55 -37.33	94.52 2.52 -36.89	71.53 3.03 0.00	58.55 2.23 0.00
GILBOA___1 23756	36.12 0.96 0.00	34.55 0.94 0.00	36.26 1.09 0.00	35.92 1.08 0.00	34.65 1.03 0.00	34.83 0.94 0.00	45.27 1.29 0.00	62.26 1.68 0.00	48.98 1.37 0.00	40.83 1.04 0.00	46.24 1.15 -1.18	48.62 1.34 0.00	48.58 1.35 0.00	52.76 1.45 0.00	63.50 1.70 0.00	78.84 2.14 0.00	75.49 1.94 0.00	75.71 2.18 -2.31	74.44 2.17 -0.70	71.15 2.39 -1.85	72.99 1.96 -14.66	71.62 1.95 -14.56	70.83 2.33 0.00	58.05 1.73 0.00
GILBOA___2 23757	36.12 0.96 0.00	34.55 0.94 0.00	36.26 1.09 0.00	35.92 1.08 0.00	34.65 1.03 0.00	34.83 0.94 0.00	45.27 1.29 0.00	62.26 1.68 0.00	48.98 1.37 0.00	40.83 1.04 0.00	46.24 1.15 -1.18	48.62 1.34 0.00	48.58 1.35 0.00	52.76 1.45 0.00	63.50 1.70 0.00	78.84 2.14 0.00	75.49 1.94 0.00	75.71 2.18 -2.31	74.44 2.17 -0.70	71.15 2.39 -1.85	72.99 1.96 -14.66	71.62 1.95 -14.56	70.83 2.33 0.00	58.05 1.73 0.00

GILBOA___3 23758	36.12 0.96 0.00	34.55 0.94 0.00	36.26 1.09 0.00	35.92 1.08 0.00	34.65 1.03 0.00	34.83 0.94 0.00	45.27 1.29 0.00	62.26 1.68 0.00	48.98 1.37 0.00	40.83 1.04 0.00	46.24 1.15 -1.18	48.62 1.34 0.00	48.58 1.35 0.00	52.76 1.45 0.00	63.50 1.70 0.00	78.84 2.14 0.00	75.49 1.94 0.00	75.71 2.18 -2.31	74.44 2.17 -0.70	71.15 2.39 -1.85	72.99 1.96 -14.66	71.62 1.95 -14.56	70.83 2.33 0.00	58.05 1.73 0.00
GILBOA___4 23759	36.12 0.96 0.00	34.55 0.94 0.00	36.26 1.09 0.00	35.92 1.08 0.00	34.65 1.03 0.00	34.83 0.94 0.00	45.27 1.29 0.00	62.26 1.68 0.00	48.98 1.37 0.00	40.83 1.04 0.00	46.24 1.15 -1.18	48.62 1.34 0.00	48.58 1.35 0.00	52.76 1.45 0.00	63.50 1.70 0.00	78.84 2.14 0.00	75.49 1.94 0.00	75.71 2.18 -2.31	74.44 2.17 -0.70	71.15 2.39 -1.85	72.99 1.96 -14.66	71.62 1.95 -14.56	70.83 2.33 0.00	58.05 1.73 0.00
GILBOA___ 23599	36.13 0.96 0.00	34.55 0.94 0.00	36.26 1.09 0.00	35.92 1.09 0.00	34.65 1.03 0.00	34.83 0.94 0.00	45.27 1.30 0.00	62.26 1.68 0.00	48.98 1.37 0.00	40.84 1.04 0.00	46.25 1.16 -1.18	48.63 1.35 0.00	48.58 1.35 0.00	52.77 1.45 0.00	63.52 1.71 0.00	78.85 2.16 0.00	75.49 1.94 0.00	75.71 2.18 -2.31	74.45 2.18 -0.70	71.16 2.39 -1.85	73.01 1.98 -14.66	71.62 1.96 -14.56	70.84 2.34 0.00	58.06 1.74 0.00
GINNA___ 23603	31.39 -3.78 0.00	29.99 -3.62 0.00	31.33 -3.83 0.00	31.00 -3.84 0.00	30.02 -3.61 0.00	30.38 -3.52 0.00	39.55 -4.43 0.00	53.74 -6.00 0.84	41.49 -4.82 1.30	36.10 -3.69 0.00	39.84 -4.07 0.00	42.78 -4.50 0.00	42.73 -4.50 0.00	46.46 -4.85 0.00	55.97 -5.83 0.00	69.50 -7.20 0.00	66.66 -6.89 0.00	64.78 -6.45 0.00	65.04 -6.61 -0.08	60.62 -6.51 -0.22	50.80 -5.63 -0.06	49.52 -5.67 -0.08	61.97 -6.53 0.00	51.19 -5.13 0.00
GLEN PARK___ 23778	33.57 -1.60 0.00	32.01 -1.61 0.00	33.41 -1.75 0.00	33.12 -1.72 0.00	32.08 -1.55 0.00	32.39 -1.50 0.00	42.26 -1.71 0.00	58.53 -2.05 0.00	45.75 -1.86 0.00	38.30 -1.49 0.00	41.98 -1.93 0.00	45.27 -2.01 0.00	44.72 -2.51 0.00	48.43 -2.88 0.00	58.90 -2.90 0.00	73.69 -3.01 0.00	71.43 -2.11 0.00	69.82 -1.41 0.00	70.02 -1.59 -0.04	65.35 -1.66 -0.10	54.76 -1.63 -0.03	53.24 -1.90 -0.03	65.83 -2.67 0.00	53.96 -2.36 0.00
GLENDALE_27_KV_LOAD 356172	37.45 2.28 0.00	35.81 2.20 -0.01	37.44 2.27 -0.01	37.10 2.27 0.00	35.73 2.10 0.00	36.12 2.22 0.00	47.22 3.25 0.00	65.05 4.48 0.00	51.40 3.79 0.00	42.75 2.96 0.00	56.44 3.26 -9.27	51.06 3.78 0.00	50.96 3.73 0.00	55.27 3.96 0.00	66.56 4.76 0.00	82.76 6.07 0.00	79.65 5.91 -0.18	81.99 6.42 -4.34	78.79 6.53 -0.69	74.85 6.12 -1.82	77.61 4.88 -16.36	76.11 4.78 -16.23	74.23 5.73 0.00	60.64 4.32 0.00
GLENWOOD_IC_1_G5 23712	37.51 2.34 0.00	35.79 2.18 0.00	37.44 2.28 0.00	37.12 2.29 0.00	35.78 2.16 0.00	36.27 2.37 0.00	53.33 3.48 -5.87	65.18 4.60 0.00	51.47 3.86 0.00	42.84 3.05 0.00	64.20 3.39 -16.90	72.29 3.88 -21.13	70.53 3.76 -19.54	55.35 4.02 -0.01	66.51 4.71 0.00	82.61 5.91 0.00	78.98 5.44 0.00	79.92 6.11 -2.59	82.20 6.16 -4.47	75.41 5.78 -2.72	77.43 4.69 -16.37	76.07 4.73 -16.24	78.55 5.90 -4.14	60.84 4.52 0.00
GLENWOOD_IC_2_G1 23688	37.32 2.15 0.00	35.64 2.03 0.00	37.26 2.10 0.00	36.95 2.11 0.00	35.62 1.99 0.00	36.07 2.17 0.00	47.43 3.20 -0.25	64.83 4.25 0.00	51.18 3.57 0.00	42.59 2.79 0.00	56.58 3.09 -9.58	51.72 3.53 -0.91	51.60 3.53 -0.84	55.03 3.71 0.00	66.27 4.47 0.00	82.42 5.72 0.00	78.98 5.43 0.00	79.84 6.03 -2.59	78.50 6.08 -0.85	74.50 5.73 -1.86	77.36 4.63 -16.37	75.88 4.54 -16.24	74.22 5.54 -0.18	60.48 4.16 0.00
GLENWOOD_IC_3_G1 23689	37.32 2.15 0.00	35.64 2.03 0.00	37.26 2.10 0.00	36.95 2.11 0.00	35.62 1.99 0.00	36.07 2.17 0.00	47.43 3.20 -0.25	64.83 4.25 0.00	51.18 3.57 0.00	42.59 2.79 0.00	56.58 3.09 -9.58	51.72 3.53 -0.91	51.60 3.53 -0.84	55.03 3.71 0.00	66.27 4.47 0.00	82.42 5.72 0.00	78.98 5.43 0.00	79.84 6.03 -2.59	78.50 6.08 -0.85	74.50 5.73 -1.86	77.36 4.63 -16.37	75.88 4.54 -16.24	74.22 5.54 -0.18	60.48 4.16 0.00
GLENWOOD___4 23550	37.51 2.34 0.00	35.79 2.18 0.00	37.44 2.28 0.00	37.12 2.29 0.00	35.78 2.16 0.00	36.27 2.37 0.00	53.33 3.48 -5.87	65.18 4.60 0.00	51.47 3.86 0.00	42.84 3.05 0.00	64.20 3.39 -16.90	72.30 3.88 -21.13	70.57 3.81 -19.54	55.36 4.04 -0.01	66.58 4.77 0.00	82.75 6.06 0.00	79.16 5.62 0.00	80.09 6.28 -2.59	82.37 6.32 -4.47	75.57 5.94 -2.72	77.56 4.82 -16.37	76.14 4.80 -16.24	78.57 5.93 -4.14	60.84 4.52 0.00
GLENWOOD___5 23614	37.51 2.34 0.00	35.79 2.18 0.00	37.44 2.28 0.00	37.12 2.29 0.00	35.78 2.16 0.00	36.27 2.37 0.00	53.33 3.48 -5.87	65.18 4.60 0.00	51.47 3.86 0.00	42.84 3.05 0.00	64.20 3.39 -16.90	72.30 3.88 -21.13	70.57 3.81 -19.54	55.36 4.04 -0.01	66.58 4.77 0.00	82.75 6.06 0.00	79.16 5.62 0.00	80.09 6.28 -2.59	82.37 6.32 -4.47	75.57 5.94 -2.72	77.56 4.82 -16.37	76.14 4.80 -16.24	78.57 5.93 -4.14	60.84 4.52 0.00
GLOBAL GREEN_PORT_GT1 23814	37.52 2.35 0.00	35.61 2.00 0.00	37.32 2.16 0.00	36.97 2.13 0.00	35.64 2.02 0.00	36.16 2.26 0.00	50.88 3.51 -3.39	64.56 3.98 0.00	50.92 3.30 0.00	36.97 2.84 5.67	61.05 3.47 -13.67	63.35 3.85 -12.21	62.61 4.09 -11.29	55.13 3.81 -0.01	66.16 4.35 0.00	82.83 6.14 0.00	79.32 5.77 0.00	80.78 6.97 -2.59	81.57 7.12 -2.87	75.79 6.54 -2.34	78.01 5.27 -16.37	76.47 5.13 -16.24	77.27 6.38 -2.39	61.02 4.70 0.00
GLOBE___DSASP 323697	24.09 -5.41 5.67	18.87 -5.18 9.56	19.08 -5.55 10.53	18.89 -5.56 10.39	19.90 -5.21 8.52	18.34 -5.09 10.46	25.95 -6.33 11.70	38.04 -8.82 13.73	39.45 -7.54 0.63	29.21 -5.53 5.05	30.43 -6.29 7.18	28.29 -7.02 11.98	26.64 -6.93 13.66	27.97 -7.71 15.63	36.53 -9.25 16.02	46.35 -11.58 18.76	43.98 -11.08 18.48	42.89 -10.48 17.85	43.08 -10.80 17.69	38.94 -10.53 17.43	33.44 -8.97 13.96	32.56 -8.76 13.78	45.72 -8.95 13.83	40.24 -6.58 9.49
GOETHSLN___LBMP 323567	36.96 1.79 0.00	35.34 1.73 0.00	36.94 1.78 0.00	36.61 1.77 0.00	35.27 1.64 0.00	35.68 1.79 0.00	46.67 2.70 0.00	64.23 3.65 0.00	50.75 3.13 0.00	41.12 2.36 1.04	50.29 2.63 -3.76	50.35 3.07 0.00	50.27 3.04 0.00	54.56 3.24 0.00	65.74 3.94 0.00	81.74 5.05 0.00	78.50 4.96 0.00	79.28 5.47 -2.58	77.78 5.52 -0.69	73.94 5.21 -1.82	76.84 4.12 -16.36	75.36 4.03 -16.23	73.29 4.79 0.00	59.87 3.55 0.00
GOLAH___69_KV_TB 1_2 80279	32.39 -2.79 -0.01	30.93 -2.70 -0.02	32.27 -2.92 -0.03	31.94 -2.93 -0.03	30.96 -2.69 -0.03	31.36 -2.56 -0.03	41.02 -3.00 -0.03	56.06 -3.94 0.58	43.27 -3.44 0.91	37.42 -2.37 0.00	41.25 -2.66 0.00	44.24 -3.05 -0.01	44.16 -3.08 -0.01	47.92 -3.40 -0.01	57.84 -3.97 -0.01	71.78 -4.93 -0.01	68.83 -4.72 -0.01	66.95 -4.29 -0.01	67.20 -4.47 -0.10	62.58 -4.57 -0.24	52.39 -4.06 -0.08	51.13 -4.07 -0.10	64.37 -4.17 -0.04	53.29 -3.06 -0.03

GOODYEAR_LAKE_HYD 323669	35.76 0.59 0.00	34.18 0.57 0.00	35.80 0.64 0.00	35.48 0.65 0.00	34.28 0.65 0.00	34.59 0.70 0.00	45.09 1.11 0.00	62.21 1.64 0.01	49.02 1.40 0.00	40.97 1.17 0.00	45.20 1.29 0.00	48.70 1.41 0.00	48.64 1.41 0.00	52.83 1.52 0.00	63.53 1.72 0.00	78.91 2.21 0.00	75.84 2.30 0.00	77.71 2.57 -3.91	74.46 2.67 -0.22	69.99 2.51 -0.58	82.36 1.87 -24.11	80.58 1.72 -23.76	70.57 2.07 0.00	57.94 1.62 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.44 -0.73 0.00	32.96 -0.66 0.00	34.53 -0.63 0.00	34.16 -0.67 0.00	32.99 -0.64 0.00	33.38 -0.51 0.00	43.31 -0.66 0.00	59.60 -1.09 -0.11	47.10 -0.72 -0.21	39.17 -0.62 0.00	42.40 -0.64 0.88	46.57 -0.72 0.00	46.61 -0.62 0.00	50.62 -0.70 0.00	60.90 -0.90 0.00	75.65 -1.04 0.00	72.39 -1.16 0.00	71.51 -0.68 -0.96	71.16 -0.64 -0.22	66.86 -0.64 -0.59	61.63 -0.77 -6.04	60.43 -0.65 -5.98	67.67 -0.83 0.00	55.56 -0.76 0.00
GOUDEY___7 23579	34.44 -0.73 0.00	32.96 -0.66 0.00	34.53 -0.63 0.00	34.16 -0.67 0.00	32.99 -0.64 0.00	33.38 -0.51 0.00	43.31 -0.66 0.00	59.60 -1.09 -0.11	47.10 -0.72 -0.21	39.17 -0.62 0.00	42.40 -0.64 0.88	46.57 -0.72 0.00	46.61 -0.62 0.00	50.62 -0.70 0.00	60.90 -0.90 0.00	75.65 -1.04 0.00	72.39 -1.16 0.00	71.51 -0.68 -0.96	71.16 -0.64 -0.22	66.86 -0.64 -0.59	61.63 -0.77 -6.04	60.43 -0.65 -5.98	67.67 -0.83 0.00	55.56 -0.76 0.00
GOUDEY___8 23580	34.44 -0.73 0.00	32.96 -0.66 0.00	34.53 -0.63 0.00	34.16 -0.67 0.00	32.99 -0.64 0.00	33.38 -0.51 0.00	43.31 -0.66 0.00	59.60 -1.09 -0.11	47.10 -0.72 -0.21	39.17 -0.62 0.00	42.40 -0.64 0.88	46.57 -0.72 0.00	46.61 -0.62 0.00	50.62 -0.70 0.00	60.90 -0.90 0.00	75.65 -1.04 0.00	72.39 -1.16 0.00	71.51 -0.68 -0.96	71.16 -0.64 -0.22	66.86 -0.64 -0.59	61.63 -0.77 -6.04	60.43 -0.65 -5.98	67.67 -0.83 0.00	55.56 -0.76 0.00
GOWANUS_GT1_1 24077	289.38 2.29 -251.92	58.37 2.21 -22.55	58.12 2.29 -20.66	58.10 2.28 -20.98	58.10 2.10 -22.38	58.32 2.23 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.22 3.79 -7.82	65.87 2.92 -23.15	64.76 3.22 -17.63	59.52 3.76 -8.47	59.34 3.72 -8.39	104.69 3.95 -49.42	76.59 4.69 -10.10	82.65 5.94 -0.02	197.52 5.88 -118.10	238.27 6.35 -160.69	150.19 6.61 -72.01	122.62 6.16 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT1_2 24078	289.38 2.29 -251.92	58.37 2.21 -22.55	58.12 2.29 -20.66	58.10 2.28 -20.98	58.10 2.10 -22.38	58.32 2.23 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.22 3.79 -7.82	65.87 2.92 -23.15	64.76 3.22 -17.63	59.52 3.76 -8.47	59.34 3.72 -8.39	104.69 3.95 -49.42	76.59 4.69 -10.10	82.65 5.94 -0.02	197.52 5.88 -118.10	238.27 6.35 -160.69	150.19 6.61 -72.01	122.62 6.16 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT1_3 24079	289.38 2.29 -251.92	58.37 2.21 -22.55	58.12 2.29 -20.66	58.10 2.28 -20.98	58.10 2.10 -22.38	58.32 2.23 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.22 3.79 -7.82	65.87 2.92 -23.15	64.76 3.22 -17.63	59.52 3.76 -8.47	59.34 3.72 -8.39	104.69 3.95 -49.42	76.59 4.69 -10.10	82.65 5.94 -0.02	197.52 5.88 -118.10	238.27 6.35 -160.69	150.19 6.61 -72.01	122.62 6.16 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT1_4 24080	289.38 2.29 -251.92	58.37 2.21 -22.55	58.12 2.29 -20.66	58.10 2.28 -20.98	58.10 2.10 -22.38	58.32 2.23 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.22 3.79 -7.82	65.87 2.92 -23.15	64.76 3.22 -17.63	59.52 3.76 -8.47	59.34 3.72 -8.39	104.69 3.95 -49.42	76.59 4.69 -10.10	82.65 5.94 -0.02	197.52 5.88 -118.10	238.27 6.35 -160.69	150.19 6.61 -72.01	122.62 6.16 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT1_5 24084	289.38 2.29 -251.92	58.37 2.21 -22.55	58.12 2.29 -20.66	58.10 2.28 -20.98	58.10 2.10 -22.38	58.32 2.23 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.22 3.79 -7.82	65.87 2.92 -23.15	64.76 3.22 -17.63	59.52 3.76 -8.47	59.34 3.72 -8.39	104.69 3.95 -49.42	76.59 4.69 -10.10	82.65 5.94 -0.02	197.52 5.88 -118.10	238.27 6.35 -160.69	150.19 6.61 -72.01	122.62 6.16 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT1_6 24111	289.38 2.29 -251.92	58.37 2.21 -22.55	58.12 2.29 -20.66	58.10 2.28 -20.98	58.10 2.10 -22.38	58.32 2.23 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.22 3.79 -7.82	65.87 2.92 -23.15	64.76 3.22 -17.63	59.52 3.76 -8.47	59.34 3.72 -8.39	104.69 3.95 -49.42	76.59 4.69 -10.10	82.65 5.94 -0.02	197.52 5.88 -118.10	238.27 6.35 -160.69	150.19 6.61 -72.01	122.62 6.16 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT1_7 24112	289.38 2.29 -251.92	58.37 2.21 -22.55	58.12 2.29 -20.66	58.10 2.28 -20.98	58.10 2.10 -22.38	58.32 2.23 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.22 3.79 -7.82	65.87 2.92 -23.15	64.76 3.22 -17.63	59.52 3.76 -8.47	59.34 3.72 -8.39	104.69 3.95 -49.42	76.59 4.69 -10.10	82.65 5.94 -0.02	197.52 5.88 -118.10	238.27 6.35 -160.69	150.19 6.61 -72.01	122.62 6.16 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT1_8 24113	289.38 2.29 -251.92	58.37 2.21 -22.55	58.12 2.29 -20.66	58.10 2.28 -20.98	58.10 2.10 -22.38	58.32 2.23 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.22 3.79 -7.82	65.87 2.92 -23.15	64.76 3.22 -17.63	59.52 3.76 -8.47	59.34 3.72 -8.39	104.69 3.95 -49.42	76.59 4.69 -10.10	82.65 5.94 -0.02	197.52 5.88 -118.10	238.27 6.35 -160.69	150.19 6.61 -72.01	122.62 6.16 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT2_1 24114	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	210.91 5.84 -131.52	364.99 6.34 -287.42	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT2_2 24115	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	210.91 5.84 -131.52	364.99 6.34 -287.42	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT2_3 24116	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	210.91 5.84 -131.52	364.99 6.34 -287.42	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79

GOWANUS_GT2_4 24117	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	210.91 5.84 -131.52	364.99 6.34 -287.42	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT2_5 24118	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	210.91 5.84 -131.52	364.99 6.34 -287.42	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT2_6 24119	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	210.91 5.84 -131.52	364.99 6.34 -287.42	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT2_7 24120	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	210.91 5.84 -131.52	364.99 6.34 -287.42	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT2_8 24121	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	210.91 5.84 -131.52	364.99 6.34 -287.42	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT3_1 24122	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	197.48 5.84 -118.10	238.25 6.34 -160.69	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT3_2 24123	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	197.48 5.84 -118.10	238.25 6.34 -160.69	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT3_3 24124	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	197.48 5.84 -118.10	238.25 6.34 -160.69	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT3_4 24125	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	197.48 5.84 -118.10	238.25 6.34 -160.69	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT3_5 24126	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	197.48 5.84 -118.10	238.25 6.34 -160.69	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT3_6 24127	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	197.48 5.84 -118.10	238.25 6.34 -160.69	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT3_7 24128	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	197.48 5.84 -118.10	238.25 6.34 -160.69	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT3_8 24129	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	197.48 5.84 -118.10	238.25 6.34 -160.69	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT4_1 24130	289.38 2.29 -251.92	58.37 2.21 -22.55	58.12 2.29 -20.66	58.10 2.28 -20.98	58.10 2.10 -22.38	58.32 2.23 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.22 3.79 -7.82	65.87 2.92 -23.15	64.76 3.22 -17.63	59.52 3.76 -8.47	59.34 3.72 -8.39	104.69 3.95 -49.42	76.59 4.69 -10.10	82.65 5.94 -0.02	210.95 5.88 -131.52	365.00 6.35 -287.42	150.19 6.61 -72.01	122.62 6.16 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT4_2 24131	289.38 2.29 -251.92	58.37 2.21 -22.55	58.12 2.29 -20.66	58.10 2.28 -20.98	58.10 2.10 -22.38	58.32 2.23 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.22 3.79 -7.82	65.87 2.92 -23.15	64.76 3.22 -17.63	59.52 3.76 -8.47	59.34 3.72 -8.39	104.69 3.95 -49.42	76.59 4.69 -10.10	82.65 5.94 -0.02	210.95 5.88 -131.52	365.00 6.35 -287.42	150.19 6.61 -72.01	122.62 6.16 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79

GOWANUS_GT4_3 24132	289.38 2.29 -251.92	58.37 2.21 -22.55	58.12 2.29 -20.66	58.10 2.28 -20.98	58.10 2.10 -22.38	58.32 2.23 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.22 3.79 -7.82	65.87 2.92 -23.15	64.76 3.22 -17.63	59.52 3.76 -8.47	59.34 3.72 -8.39	104.69 3.95 -49.42	76.59 4.69 -10.10	82.65 5.94 -0.02	210.95 5.88 -131.52	365.00 6.35 -287.42	150.19 6.61 -72.01	122.62 6.16 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT4_4 24133	289.38 2.29 -251.92	58.37 2.21 -22.55	58.12 2.29 -20.66	58.10 2.28 -20.98	58.10 2.10 -22.38	58.32 2.23 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.22 3.79 -7.82	65.87 2.92 -23.15	64.76 3.22 -17.63	59.52 3.76 -8.47	59.34 3.72 -8.39	104.69 3.95 -49.42	76.59 4.69 -10.10	82.65 5.94 -0.02	210.95 5.88 -131.52	365.00 6.35 -287.42	150.19 6.61 -72.01	122.62 6.16 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT4_5 24134	289.38 2.29 -251.92	58.37 2.21 -22.55	58.12 2.29 -20.66	58.10 2.28 -20.98	58.10 2.10 -22.38	58.32 2.23 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.22 3.79 -7.82	65.87 2.92 -23.15	64.76 3.22 -17.63	59.52 3.76 -8.47	59.34 3.72 -8.39	104.69 3.95 -49.42	76.59 4.69 -10.10	82.65 5.94 -0.02	210.95 5.88 -131.52	365.00 6.35 -287.42	150.19 6.61 -72.01	122.62 6.16 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT4_6 24135	289.38 2.29 -251.92	58.37 2.21 -22.55	58.12 2.29 -20.66	58.10 2.28 -20.98	58.10 2.10 -22.38	58.32 2.23 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.22 3.79 -7.82	65.87 2.92 -23.15	64.76 3.22 -17.63	59.52 3.76 -8.47	59.34 3.72 -8.39	104.69 3.95 -49.42	76.59 4.69 -10.10	82.65 5.94 -0.02	210.95 5.88 -131.52	365.00 6.35 -287.42	150.19 6.61 -72.01	122.62 6.16 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT4_7 24136	289.38 2.29 -251.92	58.37 2.21 -22.55	58.12 2.29 -20.66	58.10 2.28 -20.98	58.10 2.10 -22.38	58.32 2.23 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.22 3.79 -7.82	65.87 2.92 -23.15	64.76 3.22 -17.63	59.52 3.76 -8.47	59.34 3.72 -8.39	104.69 3.95 -49.42	76.59 4.69 -10.10	82.65 5.94 -0.02	210.95 5.88 -131.52	365.00 6.35 -287.42	150.19 6.61 -72.01	122.62 6.16 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GOWANUS_GT4_8 24137	289.38 2.29 -251.92	58.37 2.21 -22.55	58.12 2.29 -20.66	58.10 2.28 -20.98	58.10 2.10 -22.38	58.32 2.23 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.22 3.79 -7.82	65.87 2.92 -23.15	64.76 3.22 -17.63	59.52 3.76 -8.47	59.34 3.72 -8.39	104.69 3.95 -49.42	76.59 4.69 -10.10	82.65 5.94 -0.02	210.95 5.88 -131.52	365.00 6.35 -287.42	150.19 6.61 -72.01	122.62 6.16 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GREENBSH_115KV_TB3 55895	36.78 1.61 0.00	35.17 1.56 0.00	36.80 1.64 0.00	36.46 1.62 0.00	35.16 1.54 0.00	35.38 1.49 0.00	45.89 1.92 0.00	63.15 2.57 0.00	49.67 2.05 0.00	41.32 1.53 0.00	47.63 1.72 -2.01	49.24 1.95 0.00	49.23 2.00 0.00	53.49 2.18 0.00	64.51 2.71 0.00	80.13 3.43 0.00	76.76 3.22 0.00	81.64 3.46 -6.95	75.86 3.40 -0.89	72.69 3.41 -2.37	102.56 2.88 -43.31	100.74 2.85 -42.78	71.89 3.39 0.00	58.80 2.48 0.00
GREENDGE_115KV_TB5 80291	44.76 -1.99 -11.58	51.25 -1.91 -19.54	54.63 -2.05 -21.51	54.00 -2.05 -21.22	49.12 -1.90 -17.39	53.60 -1.65 -21.36	65.70 -2.06 -23.79	85.98 -2.94 -28.33	48.75 -1.52 -2.65	48.38 -1.71 -10.30	56.53 -2.03 -14.65	69.40 -2.31 -24.43	73.11 -2.00 -27.87	80.97 -2.23 -31.88	91.77 -2.71 -32.67	111.58 -3.42 -38.31	107.88 -3.46 -37.79	106.37 -2.78 -37.92	105.22 -2.89 -36.54	100.91 -2.60 -36.60	91.42 -2.40 -37.45	89.70 -2.41 -37.00	93.57 -3.18 -28.25	73.23 -2.48 -19.39
GREENIDGE___3 23582	44.76 -1.99 -11.58	51.25 -1.91 -19.54	54.63 -2.05 -21.51	54.00 -2.05 -21.22	49.12 -1.90 -17.39	53.60 -1.65 -21.36	65.70 -2.06 -23.79	85.98 -2.94 -28.33	48.75 -1.52 -2.65	48.38 -1.71 -10.30	56.53 -2.03 -14.65	69.40 -2.31 -24.43	73.11 -2.00 -27.87	80.97 -2.23 -31.88	91.77 -2.71 -32.67	111.58 -3.42 -38.31	107.88 -3.46 -37.79	106.37 -2.78 -37.92	105.22 -2.89 -36.54	100.91 -2.60 -36.60	91.42 -2.40 -37.45	89.70 -2.41 -37.00	93.57 -3.18 -28.25	73.23 -2.48 -19.39
GREENIDGE___4 23583	44.76 -2.00 -11.58	51.25 -1.90 -19.54	54.63 -2.04 -21.51	54.01 -2.05 -21.22	49.11 -1.90 -17.39	53.60 -1.65 -21.36	65.71 -2.06 -23.79	85.97 -2.94 -28.33	48.75 -1.52 -2.65	48.39 -1.70 -10.30	56.55 -2.01 -14.65	69.42 -2.29 -24.43	73.11 -1.99 -27.87	80.97 -2.23 -31.88	91.75 -2.72 -32.67	111.59 -3.41 -38.31	107.88 -3.46 -37.79	106.36 -2.79 -37.92	105.25 -2.86 -36.54	100.87 -2.64 -36.60	91.40 -2.42 -37.45	89.70 -2.41 -37.00	93.56 -3.19 -28.25	73.23 -2.48 -19.39
GREENLWN_69_KV_BK 3 55738	37.51 2.34 0.00	35.73 2.12 0.00	37.39 2.22 0.00	37.07 2.23 0.00	35.71 2.09 0.00	36.26 2.37 0.00	50.98 3.53 -3.47	65.03 4.46 0.00	51.32 3.71 0.00	42.78 2.99 0.00	61.16 3.48 -13.77	63.71 3.94 -12.49	62.79 4.02 -11.54	55.36 4.04 -0.01	66.62 4.82 0.00	82.73 6.04 0.00	78.99 5.44 0.00	80.05 6.24 -2.59	80.89 6.40 -2.92	75.21 5.95 -2.35	77.69 4.95 -16.37	76.08 4.74 -16.24	76.94 5.99 -2.45	60.84 4.52 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	289.38 2.29 -251.92	58.37 2.21 -22.55	58.12 2.29 -20.66	58.10 2.28 -20.98	58.10 2.10 -22.38	58.32 2.23 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.22 3.79 -7.82	65.87 2.92 -23.15	64.76 3.22 -17.63	59.52 3.76 -8.47	59.34 3.72 -8.39	104.69 3.95 -49.42	76.59 4.69 -10.10	82.65 5.94 -0.02	197.52 5.88 -118.10	238.27 6.35 -160.69	150.19 6.61 -72.01	122.62 6.16 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
GRISSOM___SOLAR 323813	36.68 1.51 0.00	35.05 1.44 0.00	36.64 1.48 0.00	36.31 1.48 0.00	35.08 1.45 0.00	35.42 1.53 0.00	46.19 2.21 0.00	63.81 3.23 0.00	49.87 2.26 0.00	41.04 1.25 0.00	46.59 1.18 -1.51	49.41 2.13 0.00	49.69 2.46 0.00	53.82 2.51 0.00	64.27 2.46 0.00	80.73 4.04 0.00	77.73 4.19 0.00	86.45 4.32 -10.91	76.85 4.30 -0.98	73.52 4.01 -2.61	127.22 3.24 -67.61	124.79 2.99 -66.70	72.11 3.61 0.00	59.17 2.85 0.00
GROVEVILLE___HYD 323602	37.39 2.22 0.00	35.72 2.11 0.00	37.36 2.20 0.00	37.05 2.21 0.00	35.73 2.11 0.00	36.16 2.27 0.00	47.29 3.32 0.00	65.15 4.57 0.00	51.39 3.77 0.00	42.72 2.93 0.00	48.37 3.17 -1.30	50.90 3.61 0.00	50.75 3.52 0.00	55.11 3.80 0.00	66.52 4.71 0.00	82.75 6.05 0.00	79.55 6.00 0.00	80.39 6.52 -2.65	78.82 6.56 -0.69	74.96 6.23 -1.82	78.16 5.03 -16.75	76.60 4.88 -16.61	74.35 5.85 0.00	60.75 4.44 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.41 -0.75 0.00	32.92 -0.69 0.00	34.43 -0.73 0.00	34.11 -0.73 0.00	32.95 -0.68 0.00	33.26 -0.63 0.00	43.10 -0.88 0.00	59.49 -1.26 -0.17	46.94 -0.93 -0.26	39.01 -0.78 0.00	43.07 -0.84 0.00	46.34 -0.95 0.00	46.35 -0.88 0.00	50.39 -0.93 0.00	60.66 -1.15 0.00	75.36 -1.34 0.00	72.27 -1.27 0.00	70.33 -0.90 0.00	70.76 -0.88 -0.07	66.22 -0.88 -0.19	55.58 -0.85 -0.05	54.28 -0.89 -0.07	67.33 -1.17 0.00	55.29 -1.03 0.00

HAMLTNNY_34_KV_TB 80303	34.31 -0.86 0.00	32.82 -0.80 0.00	34.32 -0.84 0.00	34.00 -0.84 0.00	32.86 -0.76 0.00	33.20 -0.69 0.00	43.05 -0.93 0.00	59.45 -1.33 -0.20	46.95 -0.96 -0.30	38.98 -0.82 0.00	43.03 -0.88 0.00	46.33 -0.95 0.00	46.31 -0.92 0.00	50.34 -0.98 0.00	60.59 -1.22 0.00	75.29 -1.41 0.00	72.21 -1.34 0.00	70.27 -0.95 0.00	70.75 -0.90 -0.08	66.21 -0.90 -0.20	55.54 -0.89 -0.06	54.29 -0.89 -0.07	67.33 -1.17 0.00	55.29 -1.02 0.00
HAMPSHIRE___PAPER_HYD 323593	33.96 -1.21 0.00	32.31 -1.30 0.00	33.75 -1.41 0.00	33.46 -1.38 0.00	32.33 -1.29 0.00	32.51 -1.38 0.00	42.22 -1.76 0.00	58.44 -2.15 0.00	45.84 -1.77 0.00	38.45 -1.35 0.00	42.20 -1.71 0.00	45.37 -1.92 0.00	44.92 -2.31 0.00	48.75 -2.57 0.00	58.97 -2.83 0.00	73.18 -3.52 0.00	70.60 -2.95 0.00	68.35 -2.88 0.00	68.53 -3.06 -0.02	63.90 -3.06 -0.05	53.75 -2.63 -0.01	52.27 -2.85 -0.02	64.97 -3.53 0.00	53.73 -2.59 0.00
HARDSCRABBLE_WT_PWR 323673	35.26 0.09 0.00	33.70 0.09 0.00	35.23 0.07 0.00	34.87 0.03 0.00	33.66 0.03 0.00	34.05 0.16 0.00	44.39 0.41 0.00	61.86 1.28 0.00	48.53 0.92 0.00	39.46 -0.33 0.00	43.59 -0.32 0.00	47.75 0.46 0.00	47.98 0.75 0.00	52.17 0.86 0.00	62.47 0.67 0.00	77.53 0.84 0.00	74.20 0.65 0.00	72.47 1.24 0.00	72.75 1.18 0.00	68.28 1.37 0.00	57.53 1.16 0.00	56.26 1.16 0.00	69.47 0.97 0.00	56.72 0.41 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.85 1.68 0.00	35.22 1.61 0.00	36.84 1.67 0.00	36.52 1.68 0.00	35.22 1.59 0.00	35.65 1.76 0.00	46.60 2.63 0.00	64.17 3.60 0.00	50.62 3.00 0.00	42.09 2.30 0.00	32.74 2.49 13.66	50.15 2.86 0.00	50.04 2.81 0.00	54.34 3.02 0.00	65.55 3.74 0.00	81.59 4.89 0.00	78.41 4.87 0.00	78.87 5.32 -2.32	77.57 5.39 -0.61	73.60 5.07 -1.63	75.13 4.06 -14.70	73.63 3.94 -14.58	73.18 4.68 0.00	59.84 3.52 0.00
HARSNRAD_115KV_TB1 81005	24.74 -4.82 5.62	19.54 -4.64 9.44	19.87 -4.99 10.31	19.67 -5.00 10.17	20.62 -4.67 8.34	19.14 -4.52 10.23	26.89 -5.59 11.50	39.09 -7.76 13.74	40.22 -6.73 0.67	30.09 -4.66 5.04	31.48 -5.25 7.17	29.43 -5.90 11.96	27.70 -5.88 13.64	29.20 -6.50 15.61	38.03 -7.77 15.99	48.29 -9.67 18.74	45.89 -9.24 18.42	44.67 -8.75 17.80	44.85 -9.08 17.63	40.48 -9.05 17.38	34.62 -7.79 13.96	33.69 -7.65 13.77	47.21 -7.75 13.53	41.43 -5.60 9.29
HARZA MOOSE___RIVER 24016	34.57 -0.60 0.00	33.01 -0.60 0.00	34.50 -0.67 0.00	34.21 -0.62 0.00	33.10 -0.52 0.00	33.44 -0.45 0.00	43.52 -0.45 0.00	60.15 -0.44 0.00	47.21 -0.40 0.00	39.43 -0.36 0.00	43.46 -0.45 0.00	46.94 -0.34 0.00	46.60 -0.63 0.00	50.52 -0.80 0.00	61.04 -0.76 0.00	76.03 -0.66 0.00	73.19 -0.36 0.00	71.14 -0.09 0.00	71.33 -0.26 -0.02	66.62 -0.35 -0.06	55.99 -0.40 -0.02	54.59 -0.54 -0.02	67.64 -0.86 0.00	55.53 -0.79 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	34.20 -0.97 0.00	32.71 -0.90 0.00	34.20 -0.96 0.00	33.88 -0.96 0.00	32.73 -0.89 0.00	33.03 -0.86 0.00	42.79 -1.19 0.00	58.93 -1.65 0.00	46.36 -1.26 0.00	38.77 -1.03 0.00	42.80 -1.11 0.00	46.05 -1.23 0.00	46.04 -1.19 0.00	50.04 -1.27 0.00	60.26 -1.54 0.00	74.86 -1.83 0.00	71.77 -1.78 0.00	69.78 -1.44 0.00	70.16 -1.48 -0.06	65.65 -1.43 -0.17	55.11 -1.30 -0.05	53.84 -1.33 -0.06	66.85 -1.65 0.00	54.89 -1.43 0.00
HELLGATE_13_KV_LD 55870	37.31 2.14 0.00	35.70 2.08 -0.01	37.32 2.15 -0.01	36.99 2.15 0.00	35.61 1.98 0.00	35.98 2.09 0.00	47.01 3.03 0.00	64.75 4.17 0.00	51.16 3.54 0.00	42.54 2.75 0.00	56.20 3.02 -9.27	50.81 3.52 0.00	50.70 3.47 0.00	54.98 3.67 0.00	66.23 4.42 0.00	82.30 5.61 0.00	79.02 5.47 0.00	79.77 5.96 -2.58	78.36 6.10 -0.69	74.43 5.70 -1.82	77.28 4.55 -16.36	75.81 4.48 -16.23	73.88 5.38 0.00	60.36 4.04 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	37.31 2.14 0.00	35.70 2.08 -0.01	37.32 2.15 -0.01	36.99 2.15 0.00	35.61 1.98 0.00	35.98 2.09 0.00	47.01 3.03 0.00	64.75 4.17 0.00	51.16 3.54 0.00	42.54 2.75 0.00	56.20 3.02 -9.27	50.81 3.52 0.00	50.70 3.47 0.00	54.98 3.67 0.00	66.23 4.42 0.00	82.30 5.61 0.00	79.02 5.47 0.00	79.77 5.96 -2.58	78.36 6.10 -0.69	74.43 5.70 -1.82	77.28 4.55 -16.36	75.81 4.48 -16.23	73.88 5.38 0.00	60.36 4.04 0.00
HEMPSTEAD____ 23647	37.47 2.30 0.00	35.73 2.12 0.00	37.36 2.20 0.00	37.06 2.22 0.00	35.72 2.09 0.00	36.23 2.34 0.00	52.51 3.47 -5.06	65.05 4.48 0.00	51.40 3.78 0.00	42.79 3.00 0.00	63.10 3.34 -15.85	69.33 3.82 -18.22	67.93 3.85 -16.85	55.34 4.02 -0.01	66.54 4.74 0.00	82.74 6.04 0.00	79.10 5.56 0.00	80.11 6.30 -2.59	81.88 6.36 -3.95	75.49 5.98 -2.60	77.60 4.86 -16.37	76.09 4.74 -16.24	77.98 5.91 -3.57	60.77 4.45 0.00
HEWLETT_69_KV_BK3 55828	37.79 2.62 0.00	36.02 2.41 0.00	37.68 2.52 0.00	37.35 2.51 0.00	36.01 2.39 0.00	36.53 2.64 0.00	53.32 3.86 -5.49	65.61 5.04 0.00	51.78 4.17 0.00	43.12 3.33 0.00	64.09 3.77 -16.41	71.32 4.27 -19.76	69.83 4.34 -18.27	55.83 4.51 -0.01	67.23 5.42 0.00	83.64 6.94 0.00	79.88 6.34 0.00	80.98 7.17 -2.59	83.05 7.25 -4.23	76.39 6.82 -2.66	78.36 5.62 -16.37	76.76 5.42 -16.24	79.02 6.64 -3.88	61.32 5.00 0.00
HICKLING___1 23621	37.30 -2.01 -4.14	38.70 -1.90 -6.99	40.94 -1.91 -7.69	40.47 -1.96 -7.59	37.99 -1.86 -6.22	39.97 -1.56 -7.64	50.45 -2.03 -8.50	67.42 -3.11 -9.94	46.59 -1.77 -0.74	41.57 -1.91 -3.68	47.14 -2.00 -5.24	53.85 -2.17 -8.74	55.31 -1.88 -9.97	60.64 -2.08 -11.40	70.90 -2.58 -11.68	87.31 -3.08 -13.70	83.83 -3.24 -13.52	82.71 -2.60 -14.09	82.11 -2.66 -13.20	77.72 -2.62 -13.43	70.49 -2.56 -16.68	69.24 -2.35 -16.49	75.53 -3.07 -10.11	60.70 -2.56 -6.94
HICKLING___2 23622	37.30 -2.01 -4.14	38.70 -1.90 -6.99	40.94 -1.91 -7.69	40.47 -1.96 -7.59	37.99 -1.86 -6.22	39.97 -1.56 -7.64	50.45 -2.03 -8.50	67.42 -3.11 -9.94	46.59 -1.77 -0.74	41.57 -1.91 -3.68	47.14 -2.00 -5.24	53.85 -2.17 -8.74	55.31 -1.88 -9.97	60.64 -2.08 -11.40	70.90 -2.58 -11.68	87.31 -3.08 -13.70	83.83 -3.24 -13.52	82.71 -2.60 -14.09	82.11 -2.66 -13.20	77.72 -2.62 -13.43	70.49 -2.56 -16.68	69.24 -2.35 -16.49	75.53 -3.07 -10.11	60.70 -2.56 -6.94
HIGH FALLS___HY 23754	37.48 2.31 0.00	35.79 2.18 0.00	37.44 2.28 0.00	37.12 2.28 0.00	35.83 2.20 0.00	36.31 2.42 0.00	47.79 3.82 0.00	66.05 5.47 0.00	52.15 4.54 0.00	43.42 3.63 0.00	45.36 3.84 2.38	51.57 4.28 0.00	51.24 4.01 0.00	55.67 4.35 0.00	67.25 5.44 0.00	83.61 6.91 0.00	80.87 7.32 0.00	82.25 7.99 -3.03	80.35 8.11 -0.67	76.26 7.57 -1.79	81.53 6.10 -19.06	79.81 5.83 -18.88	75.36 6.86 0.00	61.52 5.21 0.00
HIGH_RIVER___SOLAR 323847	36.41 1.24 0.00	34.79 1.18 0.00	36.39 1.23 0.00	36.06 1.22 0.00	34.81 1.18 0.00	35.10 1.21 0.00	45.66 1.69 0.00	62.94 2.36 0.00	49.33 1.72 0.00	40.75 0.96 0.00	46.58 0.99 -1.68	48.85 1.56 0.00	49.01 1.78 0.00	53.22 1.91 0.00	63.83 2.03 0.00	79.61 2.92 0.00	76.51 2.97 0.00	85.80 3.11 -11.47	75.59 3.06 -0.95	72.38 2.94 -2.53	129.86 2.43 -71.06	127.51 2.32 -70.08	71.27 2.77 0.00	58.46 2.14 0.00

HILLBURN___GT 23639	36.81 1.64 0.00	35.18 1.57 0.00	36.79 1.63 0.00	36.48 1.65 0.00	35.17 1.55 0.00	35.61 1.71 0.00	46.57 2.59 0.00	64.11 3.54 0.00	50.58 2.96 0.00	42.03 2.24 0.00	31.64 2.40 14.66	50.07 2.78 0.00	49.99 2.77 0.00	54.29 2.97 0.00	65.41 3.61 0.00	81.40 4.71 0.00	78.23 4.69 0.00	78.76 5.17 -2.37	77.43 5.23 -0.63	73.50 4.93 -1.66	75.31 3.96 -14.99	73.84 3.87 -14.86	73.10 4.60 0.00	59.77 3.45 0.00
HILLSIDE_115KV_TB1 80332	36.89 -1.96 -3.68	38.01 -1.81 -6.21	40.19 -1.81 -6.83	39.69 -1.88 -6.74	37.35 -1.80 -5.52	39.13 -1.55 -6.78	49.48 -2.04 -7.54	66.21 -3.19 -8.82	46.23 -2.04 -0.65	41.08 -1.98 -3.27	46.50 -2.06 -4.65	52.85 -2.19 -7.75	54.08 -2.26 -8.85	59.18 -2.81 -10.12	69.36 -2.81 -10.37	85.44 -3.41 -12.16	81.93 -3.63 -12.00	80.90 -2.94 -12.61	80.37 -2.94 -11.74	76.07 -2.83 -11.99	69.12 -2.74 -15.49	67.98 -2.44 -15.31	74.33 -3.14 -8.97	59.84 -2.64 -6.16
HISHELDN_WT_PWR 323625	10.97 -4.53 19.66	-3.85 -4.29 33.17	-5.84 -4.50 36.50	-5.67 -4.50 36.01	-0.21 -4.32 29.51	-6.39 -4.04 36.25	-1.65 -5.20 40.43	7.24 -7.47 45.88	40.02 -7.02 0.58	17.94 -4.34 17.51	14.30 -4.71 24.90	0.59 -5.17 41.52	-5.26 -5.11 47.38	-8.46 -5.58 54.19	-0.59 -6.86 55.53	3.09 -8.52 65.09	1.24 -8.12 64.18	0.75 -7.50 62.97	2.03 -7.85 61.69	-2.08 -7.79 61.20	-4.85 -6.68 54.55	-5.27 -6.54 53.83	13.35 -7.21 47.94	17.77 -5.65 32.90
HOLTSVILLE_IC_1 23690	37.79 2.62 0.00	35.94 2.33 0.00	37.62 2.46 0.00	37.29 2.46 0.00	35.93 2.31 0.00	36.48 2.59 0.00	51.21 3.84 -3.39	65.30 4.72 0.00	51.53 3.91 0.00	43.01 3.22 0.00	61.39 3.82 -13.66	63.73 4.26 -12.18	62.94 4.44 -11.26	55.63 4.31 -0.01	66.76 4.95 0.00	83.20 6.50 0.00	79.36 5.82 0.00	80.60 6.78 -2.59	81.37 6.93 -2.87	75.65 6.40 -2.34	77.95 5.21 -16.37	76.36 5.02 -16.24	77.28 6.39 -2.39	61.17 4.85 0.00
HOLTSVILLE_IC_10 23699	37.93 2.76 0.00	36.07 2.46 0.00	37.75 2.59 0.00	37.42 2.58 0.00	36.06 2.44 0.00	36.61 2.72 0.00	51.43 4.04 -3.41	65.53 4.95 0.00	51.72 4.10 0.00	43.55 3.42 -0.34	61.66 4.05 -13.70	64.06 4.50 -12.27	63.28 4.71 -11.35	55.90 4.58 -0.01	67.10 5.30 0.00	83.67 6.97 0.00	79.80 6.25 0.00	81.07 7.25 -2.59	81.86 7.41 -2.89	76.09 6.84 -2.34	78.32 5.58 -16.37	76.70 5.36 -16.24	77.72 6.81 -2.41	61.48 5.16 0.00
HOLTSVILLE_IC_2 23691	37.79 2.62 0.00	35.94 2.33 0.00	37.62 2.46 0.00	37.29 2.46 0.00	35.93 2.31 0.00	36.48 2.59 0.00	51.21 3.84 -3.39	65.30 4.72 0.00	51.53 3.91 0.00	43.01 3.22 0.00	61.39 3.82 -13.66	63.73 4.26 -12.18	62.94 4.44 -11.26	55.63 4.31 -0.01	66.76 4.95 0.00	83.20 6.50 0.00	79.36 5.82 0.00	80.60 6.78 -2.59	81.37 6.93 -2.87	75.65 6.40 -2.34	77.95 5.21 -16.37	76.36 5.02 -16.24	77.28 6.39 -2.39	61.17 4.85 0.00
HOLTSVILLE_IC_3 23692	37.79 2.62 0.00	35.94 2.33 0.00	37.62 2.46 0.00	37.29 2.46 0.00	35.93 2.31 0.00	36.48 2.59 0.00	51.21 3.84 -3.39	65.30 4.72 0.00	51.53 3.91 0.00	43.01 3.22 0.00	61.39 3.82 -13.66	63.73 4.26 -12.18	62.94 4.44 -11.26	55.63 4.31 -0.01	66.76 4.95 0.00	83.20 6.50 0.00	79.36 5.82 0.00	80.60 6.78 -2.59	81.37 6.93 -2.87	75.65 6.40 -2.34	77.95 5.21 -16.37	76.36 5.02 -16.24	77.28 6.39 -2.39	61.17 4.85 0.00
HOLTSVILLE_IC_4 23693	37.79 2.62 0.00	35.94 2.33 0.00	37.62 2.46 0.00	37.29 2.46 0.00	35.93 2.31 0.00	36.48 2.59 0.00	51.21 3.84 -3.39	65.30 4.72 0.00	51.53 3.91 0.00	43.01 3.22 0.00	61.39 3.82 -13.66	63.73 4.26 -12.18	62.94 4.44 -11.26	55.63 4.31 -0.01	66.76 4.95 0.00	83.20 6.50 0.00	79.36 5.82 0.00	80.60 6.78 -2.59	81.37 6.93 -2.87	75.65 6.40 -2.34	77.95 5.21 -16.37	76.36 5.02 -16.24	77.28 6.39 -2.39	61.17 4.85 0.00
HOLTSVILLE_IC_5 23694	37.79 2.62 0.00	35.94 2.33 0.00	37.62 2.46 0.00	37.29 2.46 0.00	35.93 2.31 0.00	36.48 2.59 0.00	51.21 3.84 -3.39	65.30 4.72 0.00	51.53 3.91 0.00	43.01 3.22 0.00	61.39 3.82 -13.66	63.73 4.26 -12.18	62.94 4.44 -11.26	55.63 4.31 -0.01	66.76 4.95 0.00	83.20 6.50 0.00	79.36 5.82 0.00	80.60 6.78 -2.59	81.37 6.93 -2.87	75.65 6.40 -2.34	77.95 5.21 -16.37	76.36 5.02 -16.24	77.28 6.39 -2.39	61.17 4.85 0.00
HOLTSVILLE_IC_6 23695	37.93 2.76 0.00	36.07 2.46 0.00	37.75 2.59 0.00	37.42 2.58 0.00	36.06 2.44 0.00	36.61 2.72 0.00	51.43 4.04 -3.41	65.53 4.95 0.00	51.72 4.10 0.00	43.55 3.42 -0.34	61.66 4.05 -13.70	64.06 4.50 -12.27	63.28 4.71 -11.35	55.90 4.58 -0.01	67.10 5.30 0.00	83.67 6.97 0.00	79.80 6.25 0.00	81.07 7.25 -2.59	81.86 7.41 -2.89	76.09 6.84 -2.34	78.32 5.58 -16.37	76.70 5.36 -16.24	77.72 6.81 -2.41	61.48 5.16 0.00
HOLTSVILLE_IC_7 23696	37.93 2.76 0.00	36.07 2.46 0.00	37.75 2.59 0.00	37.42 2.58 0.00	36.06 2.44 0.00	36.61 2.72 0.00	51.43 4.04 -3.41	65.53 4.95 0.00	51.72 4.10 0.00	43.55 3.42 -0.34	61.66 4.05 -13.70	64.06 4.50 -12.27	63.28 4.71 -11.35	55.90 4.58 -0.01	67.10 5.30 0.00	83.67 6.97 0.00	79.80 6.25 0.00	81.07 7.25 -2.59	81.86 7.41 -2.89	76.09 6.84 -2.34	78.32 5.58 -16.37	76.70 5.36 -16.24	77.72 6.81 -2.41	61.48 5.16 0.00
HOLTSVILLE_IC_8 23697	37.93 2.76 0.00	36.07 2.46 0.00	37.75 2.59 0.00	37.42 2.58 0.00	36.06 2.44 0.00	36.61 2.72 0.00	51.43 4.04 -3.41	65.53 4.95 0.00	51.72 4.10 0.00	43.55 3.42 -0.34	61.66 4.05 -13.70	64.06 4.50 -12.27	63.28 4.71 -11.35	55.90 4.58 -0.01	67.10 5.30 0.00	83.67 6.97 0.00	79.80 6.25 0.00	81.07 7.25 -2.59	81.86 7.41 -2.89	76.09 6.84 -2.34	78.32 5.58 -16.37	76.70 5.36 -16.24	77.72 6.81 -2.41	61.48 5.16 0.00
HOLTSVILLE_IC_9 23698	37.93 2.76 0.00	36.07 2.46 0.00	37.75 2.59 0.00	37.42 2.58 0.00	36.06 2.44 0.00	36.61 2.72 0.00	51.43 4.04 -3.41	65.53 4.95 0.00	51.72 4.10 0.00	43.55 3.42 -0.34	61.66 4.05 -13.70	64.06 4.50 -12.27	63.28 4.71 -11.35	55.90 4.58 -0.01	67.10 5.30 0.00	83.67 6.97 0.00	79.80 6.25 0.00	81.07 7.25 -2.59	81.86 7.41 -2.89	76.09 6.84 -2.34	78.32 5.58 -16.37	76.70 5.36 -16.24	77.72 6.81 -2.41	61.48 5.16 0.00
HOMER_HL_115KV_TB2 355744	31.41 -2.38 1.39	29.08 -2.20 2.33	30.30 -2.33 2.54	29.96 -2.37 2.51	29.39 -2.18 2.06	29.28 -2.09 2.53	38.23 -2.90 2.85	52.67 -4.33 3.59	43.77 -3.60 0.24	36.25 -2.29 1.25	39.81 -2.32 1.78	41.95 -2.37 2.97	41.55 -2.29 3.39	44.85 -2.59 3.87	54.71 -3.13 3.97	67.81 -4.24 4.65	64.16 -4.83 4.56	62.75 -4.50 3.98	62.76 -4.55 4.26	58.37 -4.52 4.02	51.41 -4.18 0.78	50.72 -3.65 0.73	61.53 -3.63 3.34	51.53 -2.50 2.29
HOWARD_WT_PWR 323690	54.17 -4.24 -23.24	68.63 -4.20 -39.22	73.99 -4.35 -43.18	73.22 -4.21 -42.60	64.58 -3.96 -34.91	73.27 -3.51 -42.88	86.98 -4.75 -47.76	107.79 -6.66 -53.86	44.62 -3.79 -0.80	56.16 -4.30 -20.67	68.58 -4.72 -29.39	91.23 -5.07 -49.01	98.67 -4.49 -55.92	110.56 -4.73 -63.96	121.41 -5.95 -65.56	146.59 -6.96 -76.85	143.08 -6.30 -75.82	141.37 -5.43 -75.57	138.49 -6.25 -73.17	133.64 -6.36 -73.09	122.53 -5.70 -71.86	120.54 -5.56 -70.99	118.39 -6.82 -56.72	89.63 -5.61 -38.92

HQ_GEN_CEDARS 23644	35.47 0.30 0.00	33.81 0.19 0.00	35.36 0.19 0.00	35.03 0.19 0.00	33.78 0.15 0.00	34.00 0.11 0.00	44.13 0.15 0.00	60.98 0.40 0.00	47.93 0.31 0.00	40.26 0.47 0.00	44.28 0.37 0.00	47.48 0.19 0.00	47.27 0.04 0.00	51.42 0.11 0.00	61.97 0.17 0.00	76.25 -0.45 0.00	73.31 -0.24 0.00	70.43 -0.80 0.00	70.80 -0.77 0.00	65.96 -0.95 0.00	55.63 -0.74 0.00	54.15 -0.95 0.00	67.64 -0.86 0.00	56.36 0.04 0.00
HQ_GEN_CEDARS_PROXY 323590	35.46 0.30 0.00	33.81 0.19 0.00	35.35 0.19 0.00	35.03 0.19 0.00	33.78 0.15 0.00	34.00 0.11 0.00	44.13 0.15 0.00	60.99 0.40 0.00	47.93 0.31 0.00	40.26 0.47 0.00	44.28 0.37 0.00	47.48 0.19 0.00	47.27 0.04 0.00	51.42 0.10 0.00	61.97 0.17 0.00	76.25 -0.44 0.00	72.02 -0.24 1.29	70.42 -0.81 0.00	70.80 -0.77 0.00	65.95 -0.96 0.00	55.63 -0.74 0.00	54.15 -0.95 0.00	67.64 -0.86 0.00	56.36 0.04 0.00
HQ_GEN_IMPORT 323601	35.25 0.08 0.00	33.65 0.04 0.00	35.20 0.04 0.00	34.87 0.04 0.00	33.64 0.01 0.00	38.25 0.00 -4.36	44.00 0.02 0.00	60.71 0.13 0.00	45.23 0.05 2.43	39.99 0.20 0.00	44.07 0.16 0.00	47.34 0.06 0.00	47.26 0.03 0.00	51.36 0.05 0.00	61.88 0.08 0.00	76.61 -0.08 0.00	73.52 -0.03 0.00	70.66 -0.56 0.00	83.05 -0.51 -11.99	67.63 -0.60 -1.33	55.96 -0.41 0.00	54.66 -0.45 0.00	68.08 -0.42 0.00	56.25 -0.07 0.00
HQ_GEN_WHEEL 23651	35.25 0.08 0.00	33.65 0.04 0.00	35.20 0.04 0.00	34.87 0.04 0.00	33.64 0.01 0.00	38.25 0.00 -4.36	44.00 0.02 0.00	60.71 0.13 0.00	45.23 0.05 2.43	39.99 0.20 0.00	44.07 0.16 0.00	47.34 0.06 0.00	47.26 0.03 0.00	51.36 0.05 0.00	61.88 0.08 0.00	76.61 -0.08 0.00	73.52 -0.03 0.00	70.66 -0.56 0.00	83.05 -0.51 -11.99	67.63 -0.60 -1.33	55.96 -0.41 0.00	54.66 -0.45 0.00	68.08 -0.42 0.00	56.25 -0.07 0.00
HUDSON_AVE_GT_3 23810	37.25 2.08 0.00	35.62 2.00 0.00	37.22 2.06 0.00	36.90 2.06 0.00	35.55 1.92 0.00	35.96 2.06 0.00	47.03 3.05 0.00	64.73 4.15 0.00	51.15 3.53 0.00	42.53 2.74 0.00	56.22 3.03 -9.28	50.80 3.52 0.00	50.72 3.49 0.00	55.03 3.71 0.00	66.31 4.51 0.00	82.43 5.74 0.00	79.11 5.56 0.00	79.90 6.09 -2.58	78.39 6.14 -0.69	74.51 5.78 -1.82	77.34 4.61 -16.36	75.83 4.50 -16.23	73.90 5.40 0.00	60.36 4.04 0.00
HUDSON_AVE_GT_4 23540	37.25 2.08 0.00	35.62 2.00 0.00	37.22 2.06 0.00	36.90 2.06 0.00	35.55 1.92 0.00	35.96 2.06 0.00	47.03 3.05 0.00	64.73 4.15 0.00	51.15 3.53 0.00	42.53 2.74 0.00	56.22 3.03 -9.28	50.80 3.52 0.00	50.72 3.49 0.00	55.03 3.71 0.00	66.31 4.51 0.00	82.43 5.74 0.00	79.11 5.56 0.00	79.90 6.09 -2.58	78.39 6.14 -0.69	74.51 5.78 -1.82	77.34 4.61 -16.36	75.83 4.50 -16.23	73.90 5.40 0.00	60.36 4.04 0.00
HUDSON_AVE_GT_5 23657	37.25 2.08 0.00	35.62 2.00 0.00	37.22 2.06 0.00	36.90 2.06 0.00	35.55 1.92 0.00	35.96 2.06 0.00	47.03 3.05 0.00	64.73 4.15 0.00	51.15 3.53 0.00	42.53 2.74 0.00	56.22 3.03 -9.28	50.80 3.52 0.00	50.72 3.49 0.00	55.03 3.71 0.00	66.31 4.51 0.00	82.43 5.74 0.00	79.11 5.56 0.00	79.90 6.09 -2.58	78.39 6.14 -0.69	74.51 5.78 -1.82	77.34 4.61 -16.36	75.83 4.50 -16.23	73.90 5.40 0.00	60.36 4.04 0.00
HUDSON_AVE_10 24168	37.10 1.93 0.00	35.52 1.91 0.00	37.12 1.95 0.00	36.79 1.95 0.00	35.44 1.82 0.00	35.84 1.95 0.00	46.85 2.87 0.00	64.50 3.92 0.00	50.96 3.35 0.00	42.37 2.58 0.00	56.04 2.85 -9.28	50.60 3.31 0.00	50.53 3.30 0.00	54.82 3.51 0.00	66.06 4.26 0.00	82.12 5.42 0.00	78.80 5.25 0.00	79.62 5.81 -2.58	78.12 5.86 -0.69	74.28 5.55 -1.82	77.12 4.39 -16.36	75.61 4.28 -16.23	73.68 5.18 0.00	60.14 3.82 0.00
HUDSON___115KV_TB 4 355613	37.46 2.29 0.00	35.81 2.20 0.00	37.45 2.29 0.00	37.11 2.28 0.00	35.82 2.19 0.00	36.09 2.20 0.00	46.95 2.97 0.00	64.75 4.16 0.00	50.89 3.28 0.00	42.21 2.42 0.00	48.10 2.66 -1.53	50.17 2.88 0.00	50.20 2.97 0.00	54.41 3.10 0.00	65.89 4.09 0.00	81.99 5.29 0.00	78.94 5.39 0.00	83.06 5.78 -6.06	78.17 5.73 -0.87	74.72 5.51 -2.30	98.72 4.56 -37.78	96.88 4.43 -37.34	73.84 5.34 0.00	60.34 4.02 0.00
HUNTER MOUNT___DRP 323613	37.68 2.51 0.00	36.01 2.40 0.00	37.68 2.52 0.00	37.33 2.49 0.00	36.03 2.41 0.00	36.30 2.41 0.00	47.27 3.30 0.00	65.25 4.67 0.00	51.30 3.69 0.00	42.53 2.73 0.00	47.89 2.98 -1.00	50.39 3.10 0.00	50.54 3.31 0.00	54.77 3.45 0.00	66.36 4.56 0.00	82.69 5.99 0.00	79.64 6.10 0.00	83.15 6.47 -5.45	78.84 6.43 -0.84	75.27 6.13 -2.23	95.46 5.03 -34.06	93.64 4.87 -33.67	74.42 5.93 0.00	60.81 4.49 0.00
HUNTINGTON_RES_REC 323705	37.67 2.50 0.00	35.85 2.24 0.00	37.50 2.34 0.00	37.19 2.36 0.00	35.84 2.21 0.00	36.39 2.50 0.00	51.14 3.74 -3.42	65.24 4.66 0.00	51.48 3.86 0.00	42.96 3.16 0.00	61.34 3.72 -13.71	63.76 4.15 -12.32	62.90 4.28 -11.39	55.54 4.22 -0.01	66.77 4.97 0.00	83.08 6.39 0.00	79.26 5.71 0.00	80.47 6.66 -2.59	81.28 6.81 -2.90	75.57 6.32 -2.35	77.97 5.23 -16.37	76.33 4.98 -16.24	77.27 6.36 -2.42	61.10 4.78 0.00
HUNTLEY___63 23557	24.53 -4.56 6.07	19.00 -4.39 10.23	19.23 -4.72 11.22	19.04 -4.73 11.06	20.15 -4.41 9.07	18.52 -4.24 11.14	26.31 -5.19 12.48	38.68 -7.21 14.70	40.74 -6.26 0.61	30.03 -4.33 5.43	31.29 -4.89 7.72	28.91 -5.50 12.88	27.06 -5.47 14.69	28.42 -6.09 16.80	37.30 -7.27 17.22	47.46 -9.06 20.18	45.02 -8.66 19.86	43.88 -8.14 19.21	44.11 -8.44 19.02	39.75 -8.41 18.75	33.97 -7.25 15.15	33.09 -7.10 14.92	46.67 -7.10 14.73	41.07 -5.14 10.11
HUNTLEY___64 23558	24.53 -4.56 6.07	19.00 -4.39 10.23	19.23 -4.72 11.22	19.04 -4.73 11.06	20.15 -4.41 9.07	18.52 -4.24 11.14	26.31 -5.19 12.48	38.68 -7.21 14.70	40.74 -6.26 0.61	30.03 -4.33 5.43	31.29 -4.89 7.72	28.91 -5.50 12.88	27.06 -5.47 14.69	28.42 -6.09 16.80	37.30 -7.27 17.22	47.46 -9.06 20.18	45.02 -8.66 19.86	43.88 -8.14 19.21	44.11 -8.44 19.02	39.75 -8.41 18.75	33.97 -7.25 15.15	33.09 -7.10 14.92	46.67 -7.10 14.73	41.07 -5.14 10.11
HUNTLEY___65 23559	24.53 -4.56 6.07	19.00 -4.39 10.23	19.23 -4.72 11.22	19.04 -4.73 11.06	20.15 -4.41 9.07	18.52 -4.24 11.14	26.31 -5.19 12.48	38.68 -7.21 14.70	40.74 -6.26 0.61	30.03 -4.33 5.43	31.29 -4.89 7.72	28.91 -5.50 12.88	27.06 -5.47 14.69	28.42 -6.09 16.80	37.30 -7.27 17.22	47.46 -9.06 20.18	45.02 -8.66 19.86	43.88 -8.14 19.21	44.11 -8.44 19.02	39.75 -8.41 18.75	33.97 -7.25 15.15	33.09 -7.10 14.92	46.67 -7.10 14.73	41.07 -5.14 10.11
HUNTLEY___66 23560	24.53 -4.56 6.07	19.00 -4.39 10.23	19.23 -4.72 11.22	19.04 -4.73 11.06	20.15 -4.41 9.07	18.52 -4.24 11.14	26.31 -5.19 12.48	38.68 -7.21 14.70	40.74 -6.26 0.61	30.03 -4.33 5.43	31.29 -4.89 7.72	28.91 -5.50 12.88	27.06 -5.47 14.69	28.42 -6.09 16.80	37.30 -7.27 17.22	47.46 -9.06 20.18	45.02 -8.66 19.86	43.88 -8.14 19.21	44.11 -8.44 19.02	39.75 -8.41 18.75	33.97 -7.25 15.15	33.09 -7.10 14.92	46.67 -7.10 14.73	41.07 -5.14 10.11

HUNTLEY___67 23561	23.30 -4.73 7.14	17.00 -4.57 12.04	17.00 -4.90 13.26	16.85 -4.91 13.08	18.31 -4.60 10.72	16.28 -4.45 13.16	23.75 -5.51 14.72	35.87 -7.63 17.08	40.58 -6.44 0.59	28.87 -4.56 6.36	29.73 -5.13 9.04	26.43 -5.77 15.08	24.27 -5.75 17.21	25.28 -6.35 19.68	34.00 -7.63 20.17	43.57 -9.49 23.63	41.13 -9.13 23.29	40.01 -8.63 22.59	40.32 -8.93 22.32	36.03 -8.84 22.03	30.56 -7.64 18.17	29.83 -7.46 17.81	43.40 -7.68 17.41	38.75 -5.62 11.95
HUNTLEY___68 23562	23.30 -4.73 7.14	17.00 -4.57 12.04	17.00 -4.90 13.26	16.85 -4.91 13.08	18.31 -4.60 10.72	16.28 -4.45 13.16	23.75 -5.51 14.72	35.87 -7.63 17.08	40.58 -6.44 0.59	28.87 -4.56 6.36	29.73 -5.13 9.04	26.43 -5.77 15.08	24.27 -5.75 17.21	25.28 -6.35 19.68	34.00 -7.63 20.17	43.57 -9.49 23.63	41.13 -9.13 23.29	40.01 -8.63 22.59	40.32 -8.93 22.32	36.03 -8.84 22.03	30.56 -7.64 18.17	29.83 -7.46 17.81	43.40 -7.68 17.41	38.75 -5.62 11.95
HYLAND___LFGE 323620	58.74 -1.80 -25.37	74.61 -1.81 -42.81	80.38 -1.92 -47.13	79.43 -1.90 -46.50	70.02 -1.72 -38.11	79.38 -1.32 -46.81	94.73 -1.40 -52.15	117.14 -1.85 -58.41	46.89 -0.88 -0.16	61.38 -0.98 -22.57	74.89 -1.11 -32.09	99.37 -1.43 -53.51	107.08 -1.21 -61.06	119.95 -1.21 -69.85	131.81 -1.57 -71.58	158.99 -1.63 -83.91	155.08 -1.25 -82.78	152.93 -0.63 -82.33	150.65 -0.76 -79.84	145.44 -1.16 -79.69	132.42 -1.34 -77.39	130.05 -1.52 -76.46	128.75 -1.66 -61.91	97.47 -1.33 -42.48
INDECK___CORINTH 23802	37.35 2.18 0.00	35.65 2.04 0.00	37.29 2.13 0.00	36.89 2.05 0.00	35.61 1.99 0.00	35.97 2.08 0.00	46.93 2.95 0.00	64.49 3.91 0.00	50.69 3.08 0.00	41.96 2.17 0.00	48.19 2.38 -1.90	49.92 2.63 0.00	49.69 2.47 0.00	53.75 2.43 0.00	64.45 2.65 0.00	80.01 3.31 0.00	76.69 3.14 0.00	85.79 3.43 -11.13	75.71 3.22 -0.92	72.63 3.28 -2.45	128.07 2.78 -68.92	125.83 2.75 -67.97	71.55 3.05 0.00	58.50 2.18 0.00
INDECK___ILION 23567	35.52 0.35 0.00	33.95 0.33 0.00	35.52 0.35 0.00	35.16 0.33 0.00	33.95 0.33 0.00	34.28 0.38 0.00	44.57 0.60 0.00	62.87 2.29 0.00	49.66 2.05 0.00	40.18 0.39 0.00	44.40 0.50 0.00	48.77 1.48 0.00	49.07 1.85 0.00	53.45 2.14 0.00	63.93 2.12 0.00	77.89 1.19 0.00	74.55 1.01 0.00	72.57 1.35 0.00	72.86 1.29 0.00	68.26 1.36 0.00	57.48 1.11 0.00	56.23 1.13 0.00	69.62 1.13 0.00	57.00 0.68 0.00
INDECK___OLEAN 23982	31.43 -2.35 1.39	29.12 -2.16 2.33	30.38 -2.25 2.54	30.02 -2.31 2.51	29.43 -2.14 2.06	29.34 -2.03 2.53	38.28 -2.85 2.85	52.72 -4.29 3.59	43.77 -3.61 0.24	36.28 -2.25 1.25	39.86 -2.26 1.78	42.06 -2.26 2.97	41.67 -2.17 3.39	45.02 -2.43 3.87	54.85 -2.98 3.97	67.94 -4.11 4.65	64.33 -4.65 4.56	62.92 -4.32 3.98	62.94 -4.37 4.26	58.46 -4.43 4.02	51.57 -4.02 0.78	50.81 -3.56 0.73	61.61 -3.55 3.34	51.58 -2.44 2.29
INDECK___OSWEGO 23783	33.81 -1.36 0.00	32.34 -1.28 0.00	33.81 -1.35 0.00	33.48 -1.36 0.00	32.36 -1.27 0.00	32.61 -1.28 0.00	42.18 -1.80 0.00	58.09 -2.49 0.00	45.66 -1.95 0.00	38.18 -1.61 0.00	42.15 -1.76 0.00	45.37 -1.92 0.00	45.33 -1.90 0.00	49.24 -2.08 0.00	59.32 -2.48 0.00	73.70 -3.00 0.00	70.73 -2.82 0.00	68.77 -2.46 0.00	69.13 -2.49 -0.05	64.69 -2.36 -0.14	54.33 -2.08 -0.04	53.09 -2.07 -0.05	65.90 -2.60 0.00	54.10 -2.22 0.00
INDECK___YERKES 23781	24.58 -4.52 6.07	19.05 -4.34 10.23	19.31 -4.63 11.22	19.13 -4.65 11.06	20.19 -4.37 9.07	18.60 -4.15 11.14	26.43 -5.07 12.48	38.77 -7.11 14.70	40.78 -6.22 0.61	30.09 -4.28 5.43	31.39 -4.79 7.72	29.08 -5.33 12.88	27.22 -5.31 14.69	28.63 -5.88 16.80	37.51 -7.07 17.22	47.68 -8.84 20.18	45.29 -8.40 19.86	44.09 -7.92 19.21	44.36 -8.19 19.02	39.90 -8.26 18.75	34.19 -7.03 15.15	33.24 -6.94 14.92	46.86 -6.91 14.73	41.21 -5.00 10.11
INDIAN POINT_GT_1 24139	36.95 1.78 0.00	35.32 1.71 0.00	36.94 1.78 0.00	36.61 1.78 0.00	35.29 1.66 0.00	35.71 1.82 0.00	46.69 2.71 0.00	64.27 3.68 0.00	50.70 3.09 0.00	42.14 2.35 0.00	56.33 2.56 -9.87	50.25 2.96 0.00	50.17 2.94 0.00	54.45 3.13 0.00	65.61 3.81 0.00	81.62 4.93 0.00	78.40 4.86 0.00	79.08 5.33 -2.53	77.61 5.37 -0.67	73.78 5.09 -1.78	76.47 4.09 -16.01	74.98 3.99 -15.88	73.29 4.79 0.00	59.91 3.60 0.00
INDIAN POINT_GT_2 23659	36.95 1.78 0.00	35.32 1.71 0.00	36.94 1.78 0.00	36.61 1.78 0.00	35.29 1.66 0.00	35.71 1.82 0.00	46.69 2.71 0.00	64.27 3.68 0.00	50.70 3.09 0.00	42.14 2.35 0.00	56.33 2.56 -9.87	50.25 2.96 0.00	50.17 2.94 0.00	54.45 3.13 0.00	65.61 3.81 0.00	81.62 4.93 0.00	78.40 4.86 0.00	79.08 5.33 -2.53	77.61 5.37 -0.67	73.78 5.09 -1.78	76.47 4.09 -16.01	74.98 3.99 -15.88	73.29 4.79 0.00	59.91 3.60 0.00
INDIAN POINT_GT_3 24019	36.95 1.78 0.00	35.32 1.71 0.00	36.94 1.78 0.00	36.61 1.78 0.00	35.29 1.66 0.00	35.71 1.82 0.00	46.69 2.71 0.00	64.27 3.68 0.00	50.70 3.09 0.00	42.14 2.35 0.00	56.33 2.56 -9.87	50.25 2.96 0.00	50.17 2.94 0.00	54.45 3.13 0.00	65.61 3.81 0.00	81.62 4.93 0.00	78.40 4.86 0.00	79.08 5.33 -2.53	77.61 5.37 -0.67	73.78 5.09 -1.78	76.47 4.09 -16.01	74.98 3.99 -15.88	73.29 4.79 0.00	59.91 3.60 0.00
INDIAN POINT___2 23530	36.87 1.70 0.00	35.24 1.63 0.00	36.85 1.69 0.00	36.54 1.70 0.00	35.22 1.59 0.00	35.64 1.75 0.00	46.60 2.62 0.00	64.14 3.56 0.00	50.61 3.00 0.00	42.06 2.27 0.00	58.39 2.45 -12.03	50.13 2.84 0.00	50.04 2.82 0.00	54.31 3.00 0.00	65.46 3.65 0.00	81.45 4.76 0.00	78.22 4.67 0.00	78.86 5.17 -2.47	77.44 5.21 -0.65	73.57 4.93 -1.74	75.97 3.97 -15.63	74.48 3.87 -15.51	73.13 4.64 0.00	59.80 3.48 0.00
INDIAN POINT___3 23531	36.91 1.74 0.00	35.28 1.67 0.00	36.91 1.74 0.00	36.58 1.75 0.00	35.26 1.64 0.00	35.68 1.79 0.00	46.63 2.65 0.00	64.19 3.61 0.00	50.63 3.02 0.00	42.09 2.29 0.00	56.45 2.49 -10.04	50.19 2.90 0.00	50.10 2.87 0.00	54.37 3.06 0.00	65.53 3.73 0.00	81.52 4.83 0.00	78.27 4.73 0.00	78.98 5.23 -2.53	77.50 5.26 -0.67	73.67 4.98 -1.78	76.40 4.01 -16.02	74.92 3.92 -15.89	73.19 4.69 0.00	59.84 3.52 0.00
INGHAM_C_115KV_TB7 356103	35.71 0.54 0.00	34.14 0.53 0.00	35.71 0.54 0.00	35.32 0.49 0.00	34.10 0.47 0.00	34.49 0.60 0.00	45.01 1.03 0.00	62.89 2.30 0.00	49.35 1.74 0.00	39.87 0.08 0.00	44.03 0.12 0.00	48.39 1.10 0.00	48.68 1.45 0.00	52.99 1.68 0.00	63.39 1.58 0.00	78.59 1.90 0.00	75.20 1.66 0.00	73.58 2.35 0.00	73.84 2.27 0.00	69.35 2.44 0.00	58.40 2.03 0.00	57.13 2.03 0.00	70.44 1.94 0.00	57.43 1.11 0.00
IP CORINTH___1 23988	37.35 2.18 0.00	35.65 2.04 0.00	37.29 2.13 0.00	36.89 2.06 0.00	35.61 1.99 0.00	35.97 2.07 0.00	46.93 2.96 0.00	64.49 3.91 0.00	50.69 3.08 0.00	41.96 2.17 0.00	48.19 2.38 -1.90	49.92 2.64 0.00	49.75 2.52 0.00	53.86 2.55 0.00	64.70 2.90 0.00	80.39 3.69 0.00	77.08 3.53 0.00	86.16 3.81 -11.13	76.10 3.61 -0.92	72.99 3.63 -2.45	128.37 3.08 -68.92	126.11 3.03 -67.97	71.89 3.39 0.00	58.78 2.47 0.00

IP__TICONDEROGA 23804	38.48 3.31 0.00	36.70 3.09 0.00	38.43 3.26 0.00	37.89 3.05 0.00	36.54 2.92 0.00	37.00 3.11 0.00	48.61 4.63 0.00	66.40 5.82 0.00	52.32 4.71 0.00	42.94 3.15 0.00	49.07 3.25 -1.91	50.94 3.66 0.00	50.80 3.57 0.00	55.16 3.85 0.00	67.15 5.35 0.00	83.54 6.85 0.00	80.81 7.26 0.00	89.82 7.55 -11.05	79.44 6.95 -0.92	76.36 7.01 -2.45	130.91 6.13 -68.41	128.65 6.08 -67.47	75.26 6.75 0.00	61.39 5.07 0.00
ISLIP_RES_REC 323679	38.04 2.87 0.00	36.17 2.55 0.00	37.85 2.69 0.00	37.52 2.69 0.00	36.17 2.54 0.00	36.71 2.82 0.00	51.62 4.22 -3.43	65.79 5.21 0.00	51.93 4.32 0.00	43.55 3.58 -0.18	61.89 4.26 -13.72	64.33 4.72 -12.33	63.54 4.92 -11.40	56.13 4.81 -0.01	67.40 5.60 0.00	84.05 7.36 0.00	80.19 6.64 0.00	81.48 7.67 -2.59	82.26 7.79 -2.90	76.43 7.18 -2.35	78.60 5.86 -16.37	76.95 5.61 -16.24	78.03 7.12 -2.42	61.76 5.44 0.00
JAMAICA__27_KV_LOAD 355505	37.29 2.12 0.00	35.80 2.18 0.00	37.36 2.20 0.00	37.04 2.20 0.00	35.68 2.06 0.00	36.07 2.17 0.00	47.10 3.13 0.00	64.88 4.30 0.00	51.25 3.64 0.00	42.61 2.82 0.00	56.30 3.11 -9.28	50.86 3.57 0.00	50.82 3.59 0.00	55.13 3.82 0.00	66.44 4.64 0.00	82.60 5.91 0.00	79.26 5.72 0.00	80.13 6.32 -2.58	78.67 6.41 -0.69	74.81 6.08 -1.82	77.53 4.80 -16.36	76.00 4.67 -16.23	74.25 5.75 0.00	60.61 4.29 0.00
JANIS__SOLAR 323808	35.18 0.01 0.00	33.66 0.05 0.00	35.31 0.14 0.00	34.94 0.11 0.00	33.72 0.09 0.00	34.19 0.30 0.00	44.98 1.01 0.00	66.46 5.80 -0.08	52.50 4.73 -0.15	43.58 3.79 0.00	46.74 3.85 1.01	48.51 1.22 0.00	47.68 0.45 0.00	51.78 0.47 0.00	62.46 0.66 0.00	77.27 0.58 0.00	74.72 1.17 0.00	74.18 2.01 -0.95	73.92 2.16 -0.19	69.22 1.81 -0.50	63.49 1.18 -5.94	61.97 0.98 -5.88	69.54 1.04 0.00	56.97 0.65 0.00
JARVIS____ 23743	35.27 0.10 0.00	33.71 0.10 0.00	35.27 0.11 0.00	34.94 0.11 0.00	33.73 0.10 0.00	34.00 0.11 0.00	44.11 0.13 0.00	60.77 0.18 0.00	47.75 0.13 0.00	39.83 0.04 0.00	44.01 0.11 0.00	47.43 0.14 0.00	47.38 0.15 0.00	51.47 0.15 0.00	61.98 0.18 0.00	76.93 0.23 0.00	73.71 0.17 0.00	71.53 0.31 0.00	71.87 0.30 0.00	67.24 0.34 0.00	56.62 0.25 0.00	55.43 0.33 0.00	68.84 0.34 0.00	56.49 0.18 0.00
JENNISON__1 23625	34.70 -0.47 0.00	33.21 -0.40 0.00	34.91 -0.26 0.00	34.59 -0.25 0.00	33.36 -0.26 0.00	33.75 -0.14 0.00	44.18 0.20 0.00	62.09 1.43 -0.08	49.00 1.23 -0.15	40.75 0.95 0.00	43.75 0.85 1.01	47.25 -0.03 0.00	47.23 0.01 0.00	51.26 -0.06 0.00	61.69 -0.11 0.00	76.85 0.16 0.00	73.72 0.18 0.00	73.65 1.01 -1.42	73.16 1.34 -0.24	68.75 1.19 -0.64	65.65 0.42 -8.86	64.13 0.27 -8.76	68.74 0.24 0.00	56.29 -0.03 0.00
JENNISON__2 23626	34.70 -0.47 0.00	33.21 -0.40 0.00	34.91 -0.26 0.00	34.59 -0.25 0.00	33.36 -0.26 0.00	33.75 -0.14 0.00	44.18 0.20 0.00	62.09 1.43 -0.08	49.00 1.23 -0.15	40.75 0.95 0.00	43.75 0.85 1.01	47.25 -0.03 0.00	47.23 0.01 0.00	51.26 -0.06 0.00	61.69 -0.11 0.00	76.85 0.16 0.00	73.72 0.18 0.00	73.65 1.01 -1.42	73.16 1.34 -0.24	68.75 1.19 -0.64	65.65 0.42 -8.86	64.13 0.27 -8.76	68.74 0.24 0.00	56.29 -0.03 0.00
JERICHO_RISE_WT_PWR 323719	34.32 -0.85 0.00	32.70 -0.91 0.00	34.22 -0.95 0.00	34.69 -0.94 -0.80	36.49 -0.98 -3.84	37.21 -0.99 -4.31	48.35 -1.17 -5.55	66.30 -1.27 -6.99	52.50 -0.99 -5.88	44.40 -0.62 -5.23	48.68 -0.80 -5.57	52.08 -1.05 -5.85	51.90 -1.16 -5.83	56.29 -1.21 -6.18	66.26 -1.42 -5.87	82.22 -2.11 -7.64	79.77 -1.84 -8.06	76.69 -2.35 -7.82	77.13 -2.29 -7.85	71.97 -2.38 -7.44	59.83 -1.93 -5.39	59.43 -2.11 -6.44	73.71 -2.37 -7.58	59.17 -1.58 -4.43
KATONAH__115KV_46KV_TB4 355592	37.29 2.12 0.00	35.64 2.02 0.00	37.26 2.09 0.00	36.94 2.10 0.00	35.61 1.99 0.00	36.03 2.14 0.00	47.11 3.13 0.00	64.86 4.28 0.00	51.18 3.57 0.00	42.54 2.75 0.00	53.99 3.03 -7.05	50.78 3.50 0.00	50.65 3.43 0.00	54.96 3.64 0.00	66.26 4.45 0.00	82.45 5.75 0.00	79.15 5.60 0.00	80.00 6.13 -2.65	78.46 6.19 -0.70	74.64 5.87 -1.86	77.87 4.72 -16.78	76.35 4.60 -16.64	74.03 5.53 0.00	60.48 4.16 0.00
KCE_NY_1 323755	37.24 2.07 0.00	35.52 1.91 0.00	37.15 1.99 0.00	36.75 1.92 0.00	35.49 1.87 0.00	35.82 1.92 0.00	46.66 2.68 0.00	64.10 3.52 0.00	50.40 2.79 0.00	41.74 1.94 0.00	47.99 2.15 -1.93	49.71 2.43 0.00	49.69 2.46 0.00	53.98 2.67 0.00	64.96 3.16 0.00	80.95 4.25 0.00	77.52 3.97 0.00	86.37 4.22 -10.93	76.53 4.04 -0.92	73.45 4.10 -2.44	127.46 3.40 -67.69	125.26 3.39 -66.77	72.52 4.02 0.00	59.30 2.99 0.00
KCE_NY_6_ESR 323823	23.56 -4.20 7.41	17.08 -4.05 12.48	17.16 -4.30 13.70	16.99 -4.33 13.52	18.47 -4.08 11.08	16.43 -3.85 13.61	24.00 -4.77 15.21	36.23 -6.67 17.69	41.25 -5.82 0.54	29.31 -3.86 6.62	30.24 -4.26 9.41	26.82 -4.78 15.68	24.55 -4.78 17.90	25.61 -5.24 20.47	34.46 -6.36 20.98	44.17 -7.93 24.59	41.72 -7.61 24.22	40.66 -7.08 23.49	40.97 -7.39 23.21	36.52 -7.48 22.91	31.07 -6.42 18.88	30.19 -6.34 18.57	44.00 -6.51 18.00	39.21 -4.76 12.35
KEDC_PORT_JEFF_GT2 24210	37.90 2.73 0.00	36.04 2.42 0.00	37.72 2.55 0.00	37.38 2.54 0.00	36.02 2.39 0.00	36.56 2.67 0.00	51.36 3.98 -3.40	65.47 4.89 0.00	51.67 4.05 0.00	42.76 3.37 0.39	61.60 4.00 -13.69	63.98 4.45 -12.25	63.19 4.63 -11.32	55.84 4.52 -0.01	67.03 5.23 0.00	83.56 6.86 0.00	79.45 5.90 0.00	80.84 7.03 -2.59	81.54 7.09 -2.88	75.87 6.62 -2.34	78.23 5.49 -16.37	76.55 5.20 -16.24	77.64 6.73 -2.40	61.42 5.10 0.00
KEDC_PORT_JEFF_GT3 24211	37.90 2.73 0.00	36.04 2.42 0.00	37.72 2.55 0.00	37.38 2.54 0.00	36.02 2.39 0.00	36.56 2.67 0.00	51.36 3.98 -3.40	65.47 4.89 0.00	51.67 4.05 0.00	42.76 3.37 0.39	61.60 4.00 -13.69	63.98 4.45 -12.25	63.19 4.63 -11.32	55.84 4.52 -0.01	67.03 5.23 0.00	83.56 6.86 0.00	79.45 5.90 0.00	80.84 7.03 -2.59	81.54 7.09 -2.88	75.87 6.62 -2.34	78.23 5.49 -16.37	76.55 5.20 -16.24	77.64 6.73 -2.40	61.42 5.10 0.00
KEDC_GLWD_GT4 24219	37.50 2.34 0.00	35.79 2.18 0.00	37.43 2.26 0.00	37.11 2.27 0.00	35.78 2.16 0.00	36.26 2.37 0.00	53.33 3.48 -5.87	65.18 4.60 0.00	51.47 3.85 0.00	42.84 3.04 0.00	64.20 3.39 -16.90	72.27 3.85 -21.13	70.52 3.76 -19.54	55.35 4.02 -0.01	66.49 4.68 0.00	82.59 5.89 0.00	78.97 5.42 0.00	79.89 6.08 -2.59	82.17 6.12 -4.47	75.39 5.76 -2.72	77.43 4.68 -16.37	76.06 4.72 -16.24	78.55 5.90 -4.14	60.82 4.50 0.00
KEDC_GLWD_GT5 24220	37.50 2.34 0.00	35.79 2.18 0.00	37.43 2.26 0.00	37.11 2.27 0.00	35.78 2.16 0.00	36.26 2.37 0.00	53.33 3.48 -5.87	65.18 4.60 0.00	51.47 3.85 0.00	42.84 3.04 0.00	64.20 3.39 -16.90	72.27 3.85 -21.13	70.52 3.76 -19.54	55.35 4.02 -0.01	66.49 4.68 0.00	82.59 5.89 0.00	78.97 5.42 0.00	79.89 6.08 -2.59	82.17 6.12 -4.47	75.39 5.76 -2.72	77.43 4.68 -16.37	76.06 4.72 -16.24	78.55 5.90 -4.14	60.82 4.50 0.00

KENSICO____ 23655	37.08 1.91 0.00	35.45 1.84 0.00	37.08 1.92 0.00	36.76 1.92 0.00	35.43 1.80 0.00	35.84 1.95 0.00	46.84 2.86 0.00	64.48 3.90 0.00	50.86 3.24 0.00	42.28 2.49 0.00	56.19 2.73 -9.55	50.44 3.15 0.00	50.36 3.13 0.00	54.65 3.33 0.00	65.85 4.05 0.00	81.92 5.22 0.00	78.63 5.08 0.00	79.36 5.57 -2.57	77.90 5.65 -0.68	74.07 5.35 -1.81	76.92 4.30 -16.25	75.44 4.21 -16.12	73.56 5.06 0.00	60.12 3.81 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	37.41 2.24 0.00	35.73 2.12 0.00	37.38 2.21 0.00	37.06 2.22 0.00	35.76 2.14 0.00	36.24 2.35 0.00	47.60 3.62 0.00	65.74 5.16 0.00	51.88 4.26 0.00	43.17 3.38 0.00	43.99 3.60 3.52	51.29 4.01 0.00	50.96 3.73 0.00	55.39 4.08 0.00	66.87 5.07 0.00	83.22 6.53 0.00	80.45 6.90 0.00	81.50 7.53 -2.74	79.83 7.62 -0.64	75.74 7.13 -1.70	79.40 5.75 -17.28	77.73 5.50 -17.13	75.01 6.51 0.00	61.25 4.94 0.00
KIAC_JFK_GT1 23816	37.07 1.91 0.00	35.59 1.98 0.00	37.15 1.99 0.00	36.83 2.00 0.00	35.48 1.86 0.00	35.86 1.97 0.00	46.83 2.85 0.00	64.50 3.92 0.00	50.95 3.34 0.00	42.36 2.57 0.00	56.02 2.83 -9.28	50.56 3.27 0.00	50.51 3.28 0.00	54.80 3.48 0.00	66.06 4.25 0.00	82.02 5.32 0.00	78.52 4.97 0.00	79.40 5.59 -2.58	77.91 5.65 -0.69	74.10 5.37 -1.82	76.93 4.20 -16.36	75.42 4.09 -16.23	73.79 5.29 0.00	60.23 3.92 0.00
KIAC_JFK_GT2 23817	37.07 1.91 0.00	35.59 1.98 0.00	37.15 1.99 0.00	36.83 2.00 0.00	35.48 1.86 0.00	35.86 1.97 0.00	46.83 2.85 0.00	64.50 3.92 0.00	50.95 3.34 0.00	42.36 2.57 0.00	56.02 2.83 -9.28	50.56 3.27 0.00	50.51 3.28 0.00	54.80 3.48 0.00	66.06 4.25 0.00	82.02 5.32 0.00	78.52 4.97 0.00	79.40 5.59 -2.58	77.91 5.65 -0.69	74.10 5.37 -1.82	76.93 4.20 -16.36	75.42 4.09 -16.23	73.79 5.29 0.00	60.23 3.92 0.00
KIAC_JFK____ 323774	37.07 1.90 0.00	35.59 1.98 0.00	37.14 1.97 0.00	36.83 1.99 0.00	35.48 1.86 0.00	35.85 1.96 0.00	46.82 2.84 0.00	64.48 3.90 0.00	50.96 3.34 0.00	42.36 2.57 0.00	56.01 2.82 -9.28	50.54 3.26 0.00	50.51 3.28 0.00	54.79 3.47 0.00	66.03 4.23 0.00	82.00 5.30 0.00	78.48 4.93 0.00	79.36 5.56 -2.58	77.87 5.61 -0.69	74.10 5.37 -1.82	76.93 4.20 -16.36	75.42 4.08 -16.23	73.79 5.29 0.00	60.23 3.91 0.00
KINTIGH____ 23543	27.37 -4.29 3.52	23.54 -4.14 5.94	24.18 -4.43 6.56	23.93 -4.44 6.47	24.17 -4.15 5.30	23.32 -4.06 6.51	31.62 -5.08 7.28	45.08 -7.01 8.50	41.12 -5.78 0.72	32.42 -4.24 3.13	34.70 -4.76 4.45	34.53 -5.34 7.41	33.46 -5.31 8.46	35.80 -5.85 9.67	44.86 -7.03 9.91	56.33 -8.75 11.61	53.64 -8.47 11.45	52.28 -7.99 10.95	52.40 -8.24 10.93	48.07 -8.12 10.72	41.41 -7.01 7.95	40.41 -6.85 7.84	52.71 -7.18 8.61	45.08 -5.33 5.91
KNTFSRNC_46_KV_46KV_LOAD 80397	34.72 -0.45 0.00	33.06 -0.55 0.00	34.63 -0.54 0.00	41.07 -0.57 -6.81	65.79 -0.63 -32.80	70.03 -0.66 -36.81	90.63 -0.73 -47.38	119.57 -0.67 -59.66	97.37 -0.44 -50.20	84.24 -0.22 -44.67	91.23 -0.27 -47.59	96.78 -0.42 -49.92	96.45 -0.58 -49.80	103.51 -0.61 -52.80	111.37 -0.57 -50.13	140.84 -1.05 -65.19	141.58 -0.79 -68.83	136.83 -1.16 -66.76	137.50 -1.13 -67.06	129.17 -1.27 -63.53	101.33 -1.03 -45.99	108.76 -1.31 -54.97	131.76 -1.44 -64.70	93.38 -0.74 -37.80
LACHUTE__HYDRO 323717	38.48 3.31 0.00	36.71 3.10 0.00	38.43 3.26 0.00	37.88 3.05 0.00	36.54 2.91 0.00	37.00 3.11 0.00	48.61 4.63 0.00	66.41 5.82 0.00	52.32 4.71 0.00	42.94 3.15 0.00	49.07 3.25 -1.91	50.94 3.66 0.00	50.80 3.57 0.00	55.16 3.85 0.00	67.15 5.35 0.00	83.54 6.84 0.00	80.82 7.27 0.00	89.83 7.55 -11.05	79.44 6.95 -0.92	76.37 7.01 -2.45	130.91 6.14 -68.41	128.65 6.08 -67.47	75.25 6.75 0.00	61.39 5.07 0.00
LAWRNCV_115KV_TB1 80681	34.91 -0.26 0.00	33.24 -0.37 0.00	34.76 -0.40 0.00	34.45 -0.39 0.00	33.22 -0.41 0.00	33.37 -0.52 0.00	43.25 -0.73 0.00	59.83 -0.76 0.00	47.01 -0.60 0.00	39.49 -0.30 0.00	43.38 -0.53 0.00	46.48 -0.81 0.00	46.14 -1.09 0.00	50.20 -1.12 0.00	60.56 -1.24 0.00	74.63 -2.07 0.00	71.89 -1.66 0.00	69.11 -2.12 0.00	69.45 -2.12 0.00	64.66 -2.25 0.00	54.52 -1.85 0.00	53.00 -2.10 0.00	66.16 -2.34 0.00	55.08 -1.24 0.00
LEDERLE____ 23769	36.92 1.75 0.00	35.29 1.68 0.00	36.92 1.75 0.00	36.59 1.76 0.00	35.29 1.66 0.00	35.72 1.83 0.00	46.72 2.75 0.00	64.34 3.77 0.00	50.76 3.15 0.00	42.19 2.40 0.00	31.03 2.58 15.46	50.27 2.99 0.00	50.19 2.96 0.00	54.48 3.17 0.00	65.66 3.86 0.00	81.71 5.01 0.00	78.52 4.98 0.00	79.09 5.46 -2.41	77.72 5.52 -0.64	73.78 5.19 -1.69	75.78 4.17 -15.24	74.31 4.08 -15.11	73.34 4.84 0.00	59.98 3.66 0.00
LIGHTHSE_115KV_TB6 355974	33.74 -1.43 0.00	32.23 -1.38 0.00	33.69 -1.47 0.00	33.38 -1.46 0.00	32.27 -1.36 0.00	32.52 -1.37 0.00	42.14 -1.84 0.00	58.13 -2.45 0.00	45.63 -1.98 0.00	38.24 -1.56 0.00	42.17 -1.74 0.00	45.38 -1.90 0.00	45.23 -2.00 0.00	49.10 -2.21 0.00	59.29 -2.52 0.00	73.63 -3.06 0.00	70.86 -2.69 0.00	69.03 -2.20 0.00	69.35 -2.27 -0.05	64.81 -2.23 -0.13	54.41 -2.00 -0.04	53.15 -2.00 -0.05	65.96 -2.54 0.00	54.13 -2.19 0.00
LINDEN COGEN____ 23786	36.94 1.77 0.00	35.33 1.72 0.00	36.91 1.75 0.00	36.58 1.74 0.00	35.25 1.62 0.00	35.66 1.77 0.00	46.64 2.66 0.00	64.21 3.63 0.00	50.73 3.12 0.00	41.10 2.34 1.04	50.26 2.59 -3.76	50.32 3.04 0.00	50.24 3.01 0.00	54.51 3.19 0.00	65.69 3.89 0.00	81.70 5.00 0.00	78.43 4.88 0.00	79.23 5.42 -2.58	77.72 5.47 -0.69	73.89 5.16 -1.82	76.80 4.07 -16.36	75.33 4.00 -16.23	73.26 4.76 0.00	59.83 3.51 0.00
LINDHRST_69_KV_BK1 356055	37.98 2.81 0.00	36.16 2.55 0.00	37.84 2.68 0.00	37.50 2.67 0.00	36.15 2.52 0.00	36.71 2.82 0.00	51.93 4.15 -3.80	65.89 5.31 0.00	52.02 4.40 0.00	43.36 3.57 0.00	62.16 4.04 -14.20	65.55 4.59 -13.68	64.55 4.67 -12.64	56.07 4.74 -0.01	67.47 5.66 0.00	83.91 7.22 0.00	80.14 6.60 0.00	81.36 7.55 -2.59	82.33 7.63 -3.14	76.39 7.08 -2.40	78.52 5.78 -16.37	76.92 5.58 -16.24	78.22 7.04 -2.68	61.67 5.35 0.00
LIPA_MISC_IPP 23656	37.76 2.60 0.00	35.89 2.28 0.00	37.60 2.44 0.00	37.24 2.40 0.00	35.88 2.26 0.00	36.37 2.48 0.00	51.09 3.73 -3.39	64.91 4.33 0.00	51.20 3.59 0.00	37.24 3.08 5.64	61.32 3.74 -13.67	63.67 4.18 -12.20	62.96 4.45 -11.28	55.55 4.23 -0.01	66.63 4.83 0.00	83.15 6.45 0.00	79.40 5.86 0.00	80.68 6.87 -2.59	81.47 7.03 -2.87	75.72 6.47 -2.34	77.99 5.25 -16.37	76.47 5.13 -16.24	77.36 6.47 -2.39	61.20 4.88 0.00
LISF__SOLAR 323691	37.83 2.66 0.00	35.94 2.33 0.00	37.63 2.47 0.00	37.28 2.44 0.00	35.93 2.30 0.00	36.42 2.53 0.00	51.17 3.80 -3.39	65.00 4.42 0.00	51.26 3.65 0.00	36.62 3.13 6.30	61.37 3.78 -13.68	63.72 4.22 -12.22	63.04 4.52 -11.30	55.60 4.28 -0.01	66.68 4.87 0.00	83.28 6.58 0.00	79.55 6.00 0.00	80.84 7.03 -2.59	81.62 7.17 -2.88	75.85 6.60 -2.34	78.12 5.38 -16.37	76.58 5.24 -16.24	77.52 6.62 -2.40	61.30 4.98 0.00

LITTLE FALLS___HYD 24013	35.71 0.54 0.00	34.14 0.53 0.00	35.71 0.54 0.00	35.32 0.49 0.00	34.10 0.47 0.00	34.49 0.60 0.00	45.01 1.03 0.00	62.89 2.30 0.00	49.35 1.74 0.00	39.87 0.08 0.00	44.03 0.12 0.00	48.39 1.10 0.00	48.68 1.45 0.00	52.99 1.68 0.00	63.39 1.58 0.00	78.59 1.90 0.00	75.20 1.66 0.00	73.58 2.35 0.00	73.84 2.27 0.00	69.35 2.44 0.00	58.40 2.03 0.00	57.13 2.03 0.00	70.44 1.94 0.00	57.43 1.11 0.00
LITTLRIV_115KV_TB1 356100	35.29 0.13 0.00	33.60 -0.01 0.00	35.15 -0.02 0.00	34.83 0.00 0.00	33.59 -0.04 0.00	33.75 -0.15 0.00	43.80 -0.17 0.00	60.66 0.07 0.00	47.65 0.03 0.00	39.99 0.20 0.00	43.79 -0.12 0.00	46.81 -0.48 0.00	46.38 -0.85 0.00	50.55 -0.76 0.00	61.05 -0.75 0.00	75.41 -1.28 0.00	72.85 -0.69 0.00	70.10 -1.12 0.00	70.45 -1.12 0.00	65.57 -1.34 0.00	55.27 -1.10 0.00	53.67 -1.44 0.00	66.97 -1.53 0.00	55.74 -0.58 0.00
LI_NEWBRDGE___DRP 323616	37.40 2.23 0.00	35.65 2.04 0.00	37.31 2.14 0.00	36.99 2.15 0.00	35.64 2.02 0.00	36.16 2.27 0.00	50.50 3.37 -3.15	64.87 4.29 0.00	51.22 3.61 0.00	42.68 2.89 0.00	60.53 3.26 -13.36	62.37 3.74 -11.35	61.51 3.79 -10.49	55.19 3.87 -0.01	66.40 4.60 0.00	82.56 5.86 0.00	78.91 5.37 0.00	79.98 6.16 -2.59	80.53 6.24 -2.72	75.06 5.85 -2.31	77.51 4.77 -16.37	75.96 4.62 -16.24	76.49 5.76 -2.23	60.63 4.30 0.00
LOCKPORT_115KV_TB60_63_64 80432	25.23 -4.75 5.19	20.32 -4.58 8.71	20.74 -4.93 9.49	20.54 -4.93 9.36	21.35 -4.60 7.68	20.00 -4.46 9.42	27.87 -5.51 10.60	40.18 -7.62 12.78	40.29 -6.65 0.67	30.54 -4.58 4.67	32.10 -5.17 6.65	30.41 -5.80 11.07	28.81 -5.79 12.63	30.45 -6.41 14.45	39.35 -7.64 14.81	49.83 -9.51 17.35	47.42 -9.08 17.04	46.18 -8.60 16.45	46.33 -8.93 16.31	41.93 -8.91 16.06	35.95 -7.68 12.75	35.00 -7.54 12.56	48.45 -7.58 12.46	42.32 -5.45 8.55
LOCKPORT___CC1 323769	24.80 -4.76 5.62	19.62 -4.55 9.44	20.00 -4.86 10.31	19.79 -4.88 10.17	20.70 -4.59 8.34	19.25 -4.41 10.23	27.00 -5.48 11.50	39.21 -7.63 13.74	40.22 -6.73 0.67	30.15 -4.60 5.04	31.59 -5.14 7.17	29.63 -5.69 11.96	27.91 -5.67 13.64	29.45 -6.26 15.61	38.26 -7.55 15.99	48.51 -9.45 18.74	46.17 -8.96 18.42	44.98 -8.45 17.80	45.17 -8.77 17.63	40.65 -8.88 17.38	34.92 -7.49 13.96	33.87 -7.47 13.77	47.41 -7.55 13.53	41.52 -5.50 9.29
LOCKPORT___CC2 323770	24.80 -4.76 5.62	19.62 -4.55 9.44	20.00 -4.86 10.31	19.79 -4.88 10.17	20.70 -4.59 8.34	19.25 -4.41 10.23	27.00 -5.48 11.50	39.21 -7.63 13.74	40.22 -6.73 0.67	30.15 -4.60 5.04	31.59 -5.14 7.17	29.63 -5.69 11.96	27.91 -5.67 13.64	29.45 -6.26 15.61	38.26 -7.55 15.99	48.51 -9.45 18.74	46.17 -8.96 18.42	44.98 -8.45 17.80	45.17 -8.77 17.63	40.65 -8.88 17.38	34.92 -7.49 13.96	33.87 -7.47 13.77	47.41 -7.55 13.53	41.52 -5.50 9.29
LOCKPORT___CC3 323771	24.80 -4.76 5.62	19.62 -4.55 9.44	20.00 -4.86 10.31	19.79 -4.88 10.17	20.70 -4.59 8.34	19.25 -4.41 10.23	27.00 -5.48 11.50	39.21 -7.63 13.74	40.22 -6.73 0.67	30.15 -4.60 5.04	31.59 -5.14 7.17	29.63 -5.69 11.96	27.91 -5.67 13.64	29.45 -6.26 15.61	38.26 -7.55 15.99	48.51 -9.45 18.74	46.17 -8.96 18.42	44.98 -8.45 17.80	45.17 -8.77 17.63	40.65 -8.88 17.38	34.92 -7.49 13.96	33.87 -7.47 13.77	47.41 -7.55 13.53	41.52 -5.50 9.29
LONG_LAKE_PHOENIX 24014	33.95 -1.22 0.00	32.46 -1.15 0.00	33.91 -1.26 0.00	33.58 -1.26 0.00	32.46 -1.17 0.00	32.74 -1.16 0.00	42.38 -1.60 0.00	58.35 -2.24 0.00	45.89 -1.72 0.00	38.36 -1.43 0.00	42.36 -1.55 0.00	45.59 -1.70 0.00	45.60 -1.63 0.00	49.55 -1.76 0.00	59.69 -2.12 0.00	74.12 -2.58 0.00	71.09 -2.46 0.00	69.13 -2.09 0.00	69.49 -2.13 -0.06	65.02 -2.03 -0.15	54.61 -1.80 -0.04	53.33 -1.83 -0.05	66.18 -2.32 0.00	54.33 -1.99 0.00
LOVETT___3 23632	36.80 1.63 0.00	35.17 1.56 0.00	36.80 1.64 0.00	36.48 1.64 0.00	35.16 1.53 0.00	35.58 1.69 0.00	46.53 2.55 0.00	64.05 3.47 0.00	50.53 2.91 0.00	41.99 2.20 0.00	30.53 2.36 15.74	50.04 2.75 0.00	49.96 2.73 0.00	54.22 2.91 0.00	65.35 3.55 0.00	81.31 4.61 0.00	78.12 4.57 0.00	78.72 5.07 -2.42	77.33 5.13 -0.64	73.45 4.83 -1.70	75.58 3.87 -15.33	74.11 3.80 -15.21	73.01 4.51 0.00	59.71 3.39 0.00
LOVETT___4 23642	36.80 1.63 0.00	35.17 1.56 0.00	36.80 1.64 0.00	36.48 1.64 0.00	35.16 1.53 0.00	35.58 1.69 0.00	46.53 2.55 0.00	64.05 3.47 0.00	50.53 2.91 0.00	41.99 2.20 0.00	30.53 2.36 15.74	50.04 2.75 0.00	49.96 2.73 0.00	54.22 2.91 0.00	65.35 3.55 0.00	81.31 4.61 0.00	78.12 4.57 0.00	78.72 5.07 -2.42	77.33 5.13 -0.64	73.45 4.83 -1.70	75.58 3.87 -15.33	74.11 3.80 -15.21	73.01 4.51 0.00	59.71 3.39 0.00
LOVETT___5 23593	36.80 1.63 0.00	35.17 1.56 0.00	36.80 1.64 0.00	36.48 1.64 0.00	35.16 1.53 0.00	35.58 1.69 0.00	46.53 2.55 0.00	64.05 3.47 0.00	50.53 2.91 0.00	41.99 2.20 0.00	30.53 2.36 15.74	50.04 2.75 0.00	49.96 2.73 0.00	54.22 2.91 0.00	65.35 3.55 0.00	81.31 4.61 0.00	78.12 4.57 0.00	78.72 5.07 -2.42	77.33 5.13 -0.64	73.45 4.83 -1.70	75.58 3.87 -15.33	74.11 3.80 -15.21	73.01 4.51 0.00	59.71 3.39 0.00
LOWER RAQUET___HYD 24057	34.72 -0.45 0.00	33.06 -0.55 0.00	34.56 -0.60 0.00	34.25 -0.58 0.00	33.04 -0.59 0.00	33.16 -0.73 0.00	42.96 -1.02 0.00	59.44 -1.14 0.00	46.71 -0.91 0.00	39.23 -0.56 0.00	43.08 -0.83 0.00	46.14 -1.14 0.00	45.76 -1.47 0.00	49.79 -1.53 0.00	60.09 -1.71 0.00	74.09 -2.61 0.00	71.41 -2.14 0.00	68.67 -2.56 0.00	69.00 -2.57 0.00	64.26 -2.65 0.00	54.14 -2.22 0.00	52.64 -2.47 0.00	65.67 -2.82 0.00	54.66 -1.66 0.00
LOWER___HUDSON 24059	36.86 1.69 0.00	35.23 1.62 0.00	36.84 1.68 0.00	36.48 1.65 0.00	35.19 1.56 0.00	35.45 1.56 0.00	46.01 2.03 0.00	63.30 2.72 0.00	49.76 2.15 0.00	41.30 1.51 0.00	47.68 1.69 -2.09	49.20 1.91 0.00	49.17 1.95 0.00	53.47 2.15 0.00	64.43 2.63 0.00	80.12 3.42 0.00	76.69 3.15 0.00	84.10 3.36 -9.52	75.74 3.26 -0.91	72.65 3.34 -2.40	118.27 2.88 -59.02	116.24 2.89 -58.24	71.92 3.42 0.00	58.89 2.57 0.00
LOWVILLE_115KV_TB2 356335	33.75 -1.42 0.00	32.21 -1.41 0.00	33.62 -1.54 0.00	33.36 -1.48 0.00	32.29 -1.33 0.00	32.61 -1.28 0.00	42.46 -1.51 0.00	58.77 -1.82 0.00	46.07 -1.55 0.00	38.49 -1.30 0.00	42.32 -1.59 0.00	45.73 -1.55 0.00	45.23 -2.00 0.00	48.94 -2.37 0.00	59.27 -2.53 0.00	73.99 -2.70 0.00	71.39 -2.16 0.00	69.52 -1.71 0.00	69.61 -1.98 -0.02	64.97 -2.00 -0.06	54.59 -1.80 -0.02	53.17 -1.96 -0.02	65.88 -2.62 0.00	54.13 -2.19 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	37.18 2.01 0.00	35.50 1.90 0.00	37.14 1.97 0.00	36.77 1.93 0.00	35.48 1.85 0.00	35.80 1.91 0.00	46.59 2.61 0.00	64.06 3.47 0.00	50.33 2.72 0.00	41.73 1.94 0.00	47.96 2.12 -1.93	49.69 2.41 0.00	49.67 2.44 0.00	53.95 2.64 0.00	64.96 3.16 0.00	80.89 4.19 0.00	77.49 3.94 0.00	86.32 4.16 -10.93	76.53 4.04 -0.92	73.36 4.00 -2.44	127.44 3.38 -67.69	125.20 3.33 -66.77	72.42 3.92 0.00	59.27 2.96 0.00

LUTHERNY_35_KV_BK2 355980	37.24 2.07 0.00	35.52 1.91 0.00	37.16 1.99 0.00	36.76 1.93 0.00	35.49 1.87 0.00	35.82 1.93 0.00	46.65 2.68 0.00	64.10 3.52 0.00	50.40 2.79 0.00	41.74 1.94 0.00	47.99 2.16 -1.93	49.72 2.43 0.00	49.70 2.47 0.00	53.98 2.67 0.00	64.96 3.16 0.00	80.96 4.27 0.00	77.53 3.98 0.00	86.37 4.22 -10.93	76.54 4.05 -0.92	73.45 4.10 -2.44	127.46 3.40 -67.69	125.26 3.39 -66.77	72.52 4.02 0.00	59.31 2.99 0.00
LWR___OSWEGATCHIE_HYD 23850	33.96 -1.21 0.00	32.32 -1.30 0.00	33.75 -1.41 0.00	33.46 -1.38 0.00	32.33 -1.29 0.00	32.52 -1.38 0.00	42.23 -1.75 0.00	58.44 -2.14 0.00	45.84 -1.77 0.00	38.45 -1.34 0.00	42.20 -1.71 0.00	45.37 -1.92 0.00	44.93 -2.30 0.00	48.76 -2.56 0.00	58.97 -2.84 0.00	73.18 -3.52 0.00	70.61 -2.93 0.00	68.35 -2.87 0.00	68.54 -3.05 -0.02	63.89 -3.06 -0.05	53.75 -2.64 -0.01	52.28 -2.85 -0.02	64.98 -3.52 0.00	53.73 -2.60 0.00
LYONS_FALL_HYD 23570	34.57 -0.60 0.00	33.01 -0.60 0.00	34.49 -0.67 0.00	34.21 -0.62 0.00	33.10 -0.52 0.00	33.44 -0.45 0.00	43.53 -0.45 0.00	60.15 -0.44 0.00	47.21 -0.40 0.00	39.43 -0.36 0.00	43.46 -0.45 0.00	46.94 -0.34 0.00	46.60 -0.63 0.00	50.51 -0.80 0.00	61.04 -0.76 0.00	76.03 -0.66 0.00	73.19 -0.36 0.00	71.14 -0.09 0.00	71.33 -0.26 -0.02	66.62 -0.35 -0.06	55.99 -0.40 -0.02	54.59 -0.54 -0.02	67.64 -0.86 0.00	55.53 -0.79 0.00
MADISON___COUNTY_LFGE 323628	35.57 0.40 0.00	34.06 0.45 0.00	35.63 0.47 0.00	35.32 0.48 0.00	34.16 0.53 0.00	34.52 0.63 0.00	44.93 0.95 0.00	61.92 1.34 0.00	48.71 1.10 0.00	40.66 0.87 0.00	44.96 1.05 0.00	48.65 1.36 0.00	48.43 1.21 0.00	52.52 1.21 0.00	63.35 1.55 0.00	78.76 2.06 0.00	75.49 1.94 0.00	73.13 1.91 0.00	73.46 1.86 -0.04	68.70 1.68 -0.11	57.69 1.29 -0.03	56.34 1.20 -0.04	69.80 1.30 0.00	57.24 0.92 0.00
MALONE___115KV_TB1 356076	34.79 -0.38 0.00	33.12 -0.50 0.00	34.64 -0.53 0.00	34.95 -0.52 -0.63	36.13 -0.55 -3.05	36.76 -0.56 -3.42	47.77 -0.61 -4.40	65.69 -0.44 -5.55	52.00 -0.28 -4.67	43.96 0.02 -4.15	48.22 -0.11 -4.42	51.59 -0.34 -4.64	51.32 -0.53 -4.63	55.68 -0.54 -4.91	65.91 -0.55 -4.66	81.76 -1.00 -6.06	79.28 -0.67 -6.40	76.33 -1.10 -6.20	76.76 -1.04 -6.23	71.56 -1.25 -5.90	59.60 -1.05 -4.27	58.85 -1.36 -5.11	73.01 -1.50 -6.01	58.98 -0.85 -3.51
MAPLEWOD_115KV_TB3 80458	36.93 1.76 0.00	35.30 1.69 0.00	36.92 1.76 0.00	36.57 1.74 0.00	35.26 1.64 0.00	35.50 1.61 0.00	46.06 2.09 0.00	63.39 2.80 0.00	49.85 2.24 0.00	41.44 1.65 0.00	47.76 1.83 -2.02	49.38 2.09 0.00	49.41 2.18 0.00	53.76 2.45 0.00	64.81 3.01 0.00	80.49 3.80 0.00	77.13 3.58 0.00	83.14 3.81 -8.11	76.20 3.73 -0.90	73.01 3.71 -2.39	109.90 3.15 -50.37	107.92 3.08 -49.73	72.16 3.66 0.00	59.05 2.73 0.00
MAPLE_RIDGE_WT_1 323574	34.42 -0.75 0.00	32.91 -0.70 0.00	34.47 -0.69 0.00	34.14 -0.69 0.00	33.03 -0.59 0.00	33.33 -0.56 0.00	43.25 -0.73 0.00	59.62 -0.96 0.00	46.81 -0.80 0.00	39.13 -0.66 0.00	43.29 -0.62 0.00	46.56 -0.73 0.00	46.41 -0.81 0.00	50.38 -0.93 0.00	60.58 -1.23 0.00	75.04 -1.66 0.00	71.98 -1.56 0.00	69.78 -1.45 0.00	70.00 -1.57 0.00	65.33 -1.57 0.00	55.09 -1.28 0.00	53.82 -1.29 0.00	66.94 -1.56 0.00	55.09 -1.23 0.00
MAPLE_RIDGE_WT_2 323611	34.42 -0.75 0.00	32.91 -0.70 0.00	34.47 -0.69 0.00	34.14 -0.69 0.00	33.03 -0.59 0.00	33.33 -0.56 0.00	43.25 -0.73 0.00	59.62 -0.96 0.00	46.81 -0.80 0.00	39.13 -0.66 0.00	43.29 -0.62 0.00	46.56 -0.73 0.00	46.41 -0.81 0.00	50.38 -0.93 0.00	60.58 -1.23 0.00	75.04 -1.66 0.00	71.98 -1.56 0.00	69.78 -1.45 0.00	70.00 -1.57 0.00	65.33 -1.57 0.00	55.09 -1.28 0.00	53.82 -1.29 0.00	66.94 -1.56 0.00	55.09 -1.23 0.00
MARBLE_RIVER_WT_PWR 323696	34.31 -0.86 0.00	32.69 -0.92 0.00	34.22 -0.95 0.00	24.70 -0.95 9.18	-11.52 -0.98 44.16	-16.67 -1.00 49.56	-21.00 -1.17 63.80	-21.00 -1.24 80.35	-21.00 -0.98 67.63	-21.00 -0.62 60.17	-21.00 -0.80 64.11	-21.00 -1.04 67.24	-21.00 -1.15 67.08	-21.00 -1.20 71.12	-7.16 -1.44 67.53	-13.25 -2.16 87.78	-21.00 -1.86 92.68	-21.00 -2.34 89.89	-20.99 -2.25 90.30	-20.99 -2.35 85.55	-7.47 -1.92 61.92	-21.00 -2.09 74.02	-21.00 -2.36 87.14	3.84 -1.58 50.91
MARSHVLE_115KV_TB1 80742	36.01 0.84 0.00	34.38 0.77 0.00	35.96 0.80 0.00	35.66 0.82 0.00	34.46 0.84 0.00	34.81 0.91 0.00	45.34 1.37 0.00	62.73 2.16 0.00	49.15 1.54 0.00	40.86 1.07 0.00	46.19 1.03 -1.26	48.87 1.59 0.00	48.95 1.73 0.00	53.11 1.79 0.00	63.75 1.95 0.00	79.31 2.62 0.00	76.52 2.98 0.00	84.27 2.94 -10.10	75.55 2.95 -1.03	72.24 2.61 -2.72	121.10 2.03 -62.70	118.73 1.75 -61.87	70.73 2.23 0.00	58.20 1.88 0.00
MARSH_HILL_WT_PWR 323713	56.10 -4.24 -25.17	71.91 -4.18 -42.48	77.62 -4.31 -46.77	76.77 -4.20 -46.14	67.49 -3.95 -37.82	76.82 -3.52 -46.45	90.98 -4.72 -51.73	112.20 -6.64 -58.25	44.69 -3.66 -0.73	57.91 -4.27 -22.38	71.06 -4.68 -31.83	95.34 -5.03 -53.08	103.34 -4.47 -60.57	115.88 -4.71 -69.28	126.84 -5.96 -71.00	153.03 -6.91 -83.24	149.43 -6.24 -82.13	147.57 -5.45 -81.79	144.61 -6.20 -79.24	139.71 -6.33 -79.13	128.17 -5.66 -77.46	126.10 -5.54 -76.53	123.09 -6.83 -61.43	92.86 -5.61 -42.15
MCINTYRE_115KV_TB2 80467	35.82 0.65 0.00	34.12 0.51 0.00	35.68 0.52 0.00	35.36 0.53 0.00	34.11 0.48 0.00	34.30 0.41 0.00	44.60 0.63 0.00	61.76 1.18 0.00	48.51 0.89 0.00	40.68 0.89 0.00	44.47 0.57 0.00	47.45 0.16 0.00	47.04 -0.19 0.00	51.36 0.05 0.00	62.00 0.19 0.00	76.68 -0.02 0.00	74.17 0.62 0.00	71.38 0.16 0.00	71.75 0.18 0.00	66.79 -0.12 0.00	56.27 -0.10 0.00	54.64 -0.47 0.00	68.19 -0.30 0.00	56.77 0.45 0.00
MECO_____69_KV_BK1 80468	36.94 1.77 0.00	35.28 1.66 0.00	36.89 1.73 0.00	36.56 1.72 0.00	35.33 1.71 0.00	35.71 1.81 0.00	46.59 2.61 0.00	64.42 3.84 0.00	50.32 2.71 0.00	41.44 1.65 0.00	46.97 1.59 -1.47	49.79 2.50 0.00	50.16 2.93 0.00	54.40 3.08 0.00	65.05 3.24 0.00	81.59 4.89 0.00	78.63 5.08 0.00	87.21 5.20 -10.78	77.74 5.19 -0.99	74.31 4.78 -2.63	127.05 3.87 -66.82	124.57 3.55 -65.92	72.74 4.24 0.00	59.71 3.39 0.00
MENANDS___115KV_TB5 355628	36.88 1.71 0.00	35.27 1.66 0.00	36.89 1.72 0.00	36.54 1.70 0.00	35.23 1.61 0.00	35.45 1.56 0.00	45.97 2.00 0.00	63.25 2.67 0.00	49.76 2.14 0.00	41.38 1.59 0.00	47.72 1.78 -2.03	49.33 2.05 0.00	49.32 2.09 0.00	53.63 2.31 0.00	64.66 2.85 0.00	80.30 3.60 0.00	76.91 3.36 0.00	82.66 3.57 -7.87	75.98 3.51 -0.90	72.81 3.52 -2.39	108.25 2.99 -48.89	106.33 2.96 -48.27	72.02 3.52 0.00	58.93 2.62 0.00
MG INDUSTRY___DRP 24185	36.68 1.52 0.00	35.08 1.47 0.00	36.72 1.55 0.00	36.39 1.55 0.00	35.10 1.48 0.00	35.31 1.42 0.00	45.79 1.82 0.00	63.00 2.41 0.00	49.44 1.82 0.00	41.07 1.28 0.00	47.13 1.50 -1.72	48.97 1.68 0.00	48.99 1.76 0.00	53.17 1.85 0.00	64.16 2.36 0.00	79.77 3.07 0.00	76.47 2.92 0.00	80.07 3.14 -5.70	75.53 3.08 -0.88	72.33 3.10 -2.33	94.62 2.64 -35.61	92.95 2.64 -35.21	71.72 3.21 0.00	58.75 2.43 0.00

MID___OSWEGATCHIE_HYD 23849	33.96 -1.21 0.00	32.32 -1.30 0.00	33.75 -1.41 0.00	33.46 -1.38 0.00	32.33 -1.29 0.00	32.52 -1.38 0.00	42.23 -1.75 0.00	58.44 -2.14 0.00	45.84 -1.77 0.00	38.45 -1.34 0.00	42.20 -1.71 0.00	45.37 -1.92 0.00	44.93 -2.30 0.00	48.76 -2.56 0.00	58.97 -2.84 0.00	73.18 -3.52 0.00	70.61 -2.93 0.00	68.35 -2.87 0.00	68.54 -3.05 -0.02	63.89 -3.06 -0.05	53.75 -2.64 -0.01	52.28 -2.85 -0.02	64.98 -3.52 0.00	53.73 -2.60 0.00
MID___RAQUETTE_HYD 23851	34.72 -0.45 0.00	33.06 -0.55 0.00	34.56 -0.60 0.00	34.25 -0.58 0.00	33.04 -0.59 0.00	33.16 -0.73 0.00	42.96 -1.02 0.00	59.44 -1.14 0.00	46.71 -0.91 0.00	39.24 -0.56 0.00	43.08 -0.83 0.00	46.15 -1.14 0.00	45.76 -1.47 0.00	49.79 -1.53 0.00	60.10 -1.71 0.00	74.10 -2.60 0.00	71.42 -2.13 0.00	68.69 -2.54 0.00	69.02 -2.55 0.00	64.26 -2.65 0.00	54.17 -2.20 0.00	52.65 -2.46 0.00	65.68 -2.82 0.00	54.66 -1.66 0.00
MILLIKEN___1 23584	34.84 -0.33 0.00	33.33 -0.28 0.00	34.90 -0.27 0.00	34.55 -0.29 0.00	33.37 -0.25 0.00	33.77 -0.12 0.00	43.88 -0.10 0.00	60.39 -0.32 -0.12	47.70 -0.11 -0.20	39.65 -0.14 0.00	43.80 -0.10 0.00	47.36 0.07 0.00	47.19 -0.04 0.00	51.23 -0.08 0.00	61.60 -0.21 0.00	76.60 -0.10 0.00	73.56 0.02 0.00	72.34 0.53 -0.59	72.36 0.65 -0.14	67.79 0.51 -0.37	60.31 0.24 -3.70	58.95 0.18 -3.67	68.59 0.09 0.00	56.28 -0.04 0.00
MILLIKEN___2 23585	34.84 -0.33 0.00	33.33 -0.28 0.00	34.90 -0.27 0.00	34.55 -0.29 0.00	33.37 -0.25 0.00	33.77 -0.12 0.00	43.88 -0.10 0.00	60.39 -0.32 -0.12	47.70 -0.11 -0.20	39.65 -0.14 0.00	43.80 -0.10 0.00	47.36 0.07 0.00	47.19 -0.04 0.00	51.23 -0.08 0.00	61.60 -0.21 0.00	76.60 -0.10 0.00	73.56 0.02 0.00	72.34 0.53 -0.59	72.36 0.65 -0.14	67.79 0.51 -0.37	60.31 0.24 -3.70	58.95 0.18 -3.67	68.59 0.09 0.00	56.28 -0.04 0.00
MILLIKEN___DIESEL 23629	34.84 -0.33 0.00	33.33 -0.28 0.00	34.90 -0.27 0.00	34.55 -0.29 0.00	33.37 -0.25 0.00	33.77 -0.12 0.00	43.88 -0.10 0.00	60.39 -0.32 -0.12	47.70 -0.11 -0.20	39.65 -0.14 0.00	43.80 -0.10 0.00	47.36 0.07 0.00	47.19 -0.04 0.00	51.23 -0.08 0.00	61.60 -0.21 0.00	76.60 -0.10 0.00	73.56 0.02 0.00	72.34 0.53 -0.59	72.36 0.65 -0.14	67.79 0.51 -0.37	60.31 0.24 -3.70	58.95 0.18 -3.67	68.59 0.09 0.00	56.28 -0.04 0.00
MILLSEAT___LFGE 323607	27.11 -3.76 4.29	22.80 -3.60 7.21	23.45 -3.86 7.85	23.21 -3.88 7.75	23.67 -3.60 6.35	22.73 -3.37 7.80	32.41 -3.57 7.99	46.77 -4.58 9.23	41.94 -4.94 0.73	32.87 -3.21 3.71	35.04 -3.60 5.27	34.46 -4.04 8.78	33.12 -4.09 10.02	35.31 -4.54 11.46	44.71 -5.34 11.75	55.98 -6.75 13.96	53.05 -6.39 14.11	51.85 -5.82 13.55	51.95 -6.14 13.48	47.26 -6.40 13.25	40.69 -5.48 10.20	39.49 -5.57 10.05	52.74 -5.44 10.31	45.32 -3.92 7.08
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	37.00 1.83 0.00	35.36 1.75 0.00	36.98 1.81 0.00	36.67 1.83 0.00	35.34 1.72 0.00	35.75 1.86 0.00	46.73 2.76 0.00	64.32 3.74 0.00	50.75 3.14 0.00	42.19 2.39 0.00	56.16 2.61 -9.64	50.32 3.03 0.00	50.22 2.99 0.00	54.50 3.19 0.00	65.68 3.88 0.00	81.71 5.01 0.00	78.46 4.91 0.00	79.16 5.38 -2.55	77.66 5.42 -0.68	73.84 5.14 -1.79	76.64 4.14 -16.13	75.15 4.04 -16.00	73.35 4.86 0.00	59.97 3.65 0.00
MILLWOOD_13_KV_LOAD 356217	37.04 1.87 0.00	35.40 1.79 0.00	37.01 1.85 0.00	36.70 1.86 0.00	35.38 1.75 0.00	35.80 1.90 0.00	46.79 2.81 0.00	64.40 3.82 0.00	50.81 3.20 0.00	42.25 2.45 0.00	56.23 2.68 -9.64	50.38 3.09 0.00	50.30 3.07 0.00	54.58 3.27 0.00	65.78 3.98 0.00	81.84 5.15 0.00	78.56 5.01 0.00	79.30 5.53 -2.55	77.80 5.56 -0.68	73.96 5.26 -1.79	76.73 4.23 -16.13	75.24 4.13 -16.00	73.45 4.95 0.00	60.03 3.72 0.00
MODEL_CITY_ENERGY 24167	24.69 -5.02 5.46	19.68 -4.79 9.14	20.16 -5.11 9.90	19.94 -5.12 9.77	20.79 -4.82 8.01	19.41 -4.65 9.83	27.16 -5.80 11.02	39.11 -8.08 13.39	39.75 -7.21 0.64	29.88 -4.98 4.93	31.31 -5.58 7.01	29.50 -6.11 11.68	27.83 -6.07 13.33	29.36 -6.71 15.24	38.08 -8.10 15.62	48.19 -10.19 18.32	45.87 -9.66 18.01	44.69 -9.14 17.39	44.86 -9.47 17.24	40.35 -9.58 16.98	34.78 -8.03 13.56	33.76 -8.00 13.34	47.43 -8.07 13.00	41.50 -5.89 8.92
MODERN_LFGE___ 323580	24.69 -5.02 5.46	19.68 -4.79 9.14	20.16 -5.11 9.90	19.94 -5.12 9.77	20.79 -4.82 8.01	19.41 -4.65 9.83	27.16 -5.80 11.02	39.11 -8.08 13.39	39.75 -7.21 0.64	29.88 -4.98 4.93	31.31 -5.58 7.01	29.50 -6.11 11.68	27.83 -6.07 13.33	29.36 -6.71 15.24	38.08 -8.10 15.62	48.19 -10.19 18.32	45.87 -9.66 18.01	44.69 -9.14 17.39	44.86 -9.47 17.24	40.35 -9.58 16.98	34.78 -8.03 13.56	33.76 -8.00 13.34	47.43 -8.07 13.00	41.50 -5.89 8.92
MOHAWK_PAPER___DRP 24187	36.93 1.76 0.00	35.30 1.69 0.00	36.92 1.76 0.00	36.57 1.74 0.00	35.26 1.64 0.00	35.50 1.61 0.00	46.06 2.09 0.00	63.39 2.80 0.00	49.85 2.24 0.00	41.44 1.65 0.00	47.76 1.83 -2.02	49.38 2.09 0.00	49.41 2.18 0.00	53.76 2.45 0.00	64.81 3.01 0.00	80.49 3.80 0.00	77.13 3.58 0.00	83.14 3.81 -8.11	76.20 3.73 -0.90	73.01 3.71 -2.39	109.90 3.15 -50.37	107.92 3.08 -49.73	72.16 3.66 0.00	59.05 2.73 0.00
MOHICAN___35_KV_115KV_LD 80490	37.49 2.32 0.00	35.78 2.18 0.00	37.43 2.27 0.00	37.02 2.19 0.00	35.73 2.11 0.00	36.10 2.21 0.00	47.11 3.13 0.00	64.70 4.12 0.00	50.88 3.26 0.00	42.06 2.27 0.00	48.31 2.48 -1.92	50.03 2.75 0.00	49.92 2.69 0.00	54.13 2.82 0.00	65.18 3.38 0.00	81.12 4.42 0.00	77.80 4.26 0.00	86.74 4.52 -11.00	76.78 4.29 -0.92	73.66 4.30 -2.44	128.14 3.66 -68.11	125.90 3.61 -67.18	72.58 4.08 0.00	59.34 3.02 0.00
MONGAUP___HYD 23641	36.88 1.71 0.00	35.24 1.63 0.00	36.86 1.70 0.00	36.52 1.69 0.00	35.24 1.62 0.00	35.67 1.78 0.00	46.63 2.65 0.00	64.27 3.69 0.00	50.04 2.43 0.00	41.56 1.77 0.00	33.24 1.79 12.46	49.64 2.35 0.00	49.39 2.17 0.00	53.41 2.10 0.00	65.05 3.24 0.00	80.99 4.30 0.00	78.06 4.51 0.00	78.49 5.03 -2.24	77.24 5.08 -0.59	73.26 4.79 -1.57	74.38 3.85 -14.16	72.89 3.74 -14.05	73.23 4.74 0.00	60.18 3.86 0.00
MONTAUK___DIESEL 23721	37.13 1.96 0.00	35.24 1.63 0.00	36.95 1.79 0.00	36.59 1.75 0.00	35.28 1.65 0.00	35.79 1.90 0.00	50.39 3.02 -3.39	63.88 3.31 0.00	50.38 2.76 0.00	36.54 2.40 5.65	60.56 2.98 -13.67	62.83 3.34 -12.21	62.07 3.56 -11.29	54.55 3.23 -0.01	65.46 3.66 0.00	81.97 5.28 0.00	78.54 4.99 0.00	80.02 6.21 -2.59	80.82 6.37 -2.87	75.10 5.85 -2.34	77.41 4.67 -16.37	75.87 4.53 -16.24	76.52 5.63 -2.39	60.41 4.09 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	25.37 -4.28 5.51	19.93 -4.39 9.29	20.34 -4.63 10.20	20.17 -4.60 10.06	20.96 -4.42 8.25	19.66 -4.10 10.13	27.89 -4.75 11.33	40.74 -6.61 13.24	41.81 -5.37 0.43	31.52 -3.35 4.93	33.27 -3.64 7.01	31.53 -4.08 11.68	29.64 -4.26 13.32	31.40 -4.68 15.24	40.48 -5.71 15.62	51.17 -7.22 18.30	48.17 -7.35 18.03	46.83 -7.05 17.34	46.86 -7.47 17.24	43.15 -6.80 16.96	36.95 -6.27 13.15	36.04 -6.14 12.93	48.80 -6.30 13.40	42.79 -4.34 9.20

MORRIS_RIDGE___SOLAR 323848	-3.68 -3.94 34.91	-29.03 -3.75 58.89	-33.54 -3.89 64.82	-32.98 -3.88 63.94	-22.50 -3.72 52.41	-33.87 -3.39 64.37	-32.21 -4.44 71.75	-26.96 -6.63 80.91	39.74 -7.29 0.58	4.85 -3.88 31.07	-4.46 -4.19 44.18	-30.91 -4.53 73.67	-41.07 -4.24 84.06	-49.44 -4.61 96.15	-42.46 -5.72 98.54	-45.75 -6.94 115.51	-47.01 -6.64 113.92	-46.85 -5.99 112.09	-44.30 -6.29 109.57	-48.14 -6.20 108.85	-47.91 -5.45 98.83	-47.76 -5.28 97.58	-22.99 -6.36 85.13	-7.27 -5.17 58.42
MORTIMER_115KV_TB3 55949	32.33 -2.84 0.00	30.88 -2.74 -0.01	32.23 -2.96 -0.02	31.89 -2.97 -0.02	30.90 -2.74 -0.02	31.28 -2.64 -0.02	40.76 -3.24 -0.02	55.63 -4.36 0.58	43.11 -3.58 0.92	37.22 -2.57 0.00	41.03 -2.88 0.00	44.03 -3.26 0.00	43.98 -3.26 0.00	47.77 -3.55 -0.01	57.58 -4.23 -0.01	71.48 -5.22 -0.01	68.51 -5.04 -0.01	66.62 -4.62 -0.01	66.86 -4.80 -0.09	62.32 -4.83 -0.24	52.18 -4.26 -0.07	50.95 -4.25 -0.09	64.04 -4.49 -0.03	52.96 -3.38 -0.02
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	37.19 2.03 0.00	35.56 1.95 0.00	37.19 2.02 0.00	36.85 2.02 0.00	35.51 1.88 0.00	35.91 2.02 0.00	46.96 2.99 0.00	64.64 4.06 0.00	51.05 3.43 0.00	42.45 2.66 0.00	56.10 2.93 -9.27	50.67 3.39 0.00	50.59 3.36 0.00	54.89 3.58 0.00	66.13 4.33 0.00	82.23 5.54 0.00	78.92 5.38 0.00	79.69 5.88 -2.58	78.19 5.94 -0.69	74.33 5.60 -1.82	77.22 4.48 -16.36	75.72 4.39 -16.23	73.77 5.27 0.00	60.26 3.94 0.00
MUNSVILLE_WIND_PWR 323609	35.37 0.21 0.00	33.90 0.29 0.00	35.63 0.46 0.00	35.21 0.38 0.00	33.91 0.29 0.00	34.44 0.55 0.00	45.43 1.46 0.00	65.65 4.99 -0.08	51.89 4.12 -0.15	43.09 3.30 0.00	46.18 3.28 1.01	48.63 1.35 0.00	48.14 0.91 0.00	52.12 0.81 0.00	63.04 1.24 0.00	78.21 1.51 0.00	75.53 1.98 0.00	75.44 3.03 -1.18	75.05 3.27 -0.22	70.28 2.80 -0.57	65.54 1.76 -7.41	63.90 1.47 -7.33	70.08 1.58 0.00	57.36 1.04 0.00
N SALMON___HYD 24042	34.79 -0.38 0.00	33.12 -0.50 0.00	34.64 -0.53 0.00	34.95 -0.52 -0.63	36.13 -0.55 -3.05	36.76 -0.56 -3.42	47.77 -0.61 -4.40	65.70 -0.43 -5.55	52.00 -0.28 -4.67	43.96 0.02 -4.15	48.21 -0.12 -4.42	51.59 -0.34 -4.64	51.32 -0.54 -4.63	55.68 -0.54 -4.91	65.91 -0.55 -4.66	81.75 -1.00 -6.06	79.28 -0.67 -6.40	76.31 -1.12 -6.20	76.75 -1.06 -6.23	71.56 -1.25 -5.90	59.60 -1.05 -4.27	58.85 -1.37 -5.11	73.01 -1.50 -6.01	58.98 -0.85 -3.51
N.AKRON__115KV_KNAPP 355671	26.43 -4.09 4.65	21.88 -3.93 7.80	22.41 -4.25 8.50	22.19 -4.26 8.38	22.81 -3.94 6.88	21.69 -3.76 8.44	29.18 -4.79 10.00	41.41 -6.72 12.45	41.78 -5.12 0.71	32.38 -3.41 4.01	34.36 -3.84 5.70	33.40 -4.39 9.50	31.96 -4.43 10.84	34.01 -4.91 12.40	43.34 -5.75 12.71	54.37 -7.27 15.06	50.92 -7.35 15.27	49.66 -6.86 14.70	49.79 -7.17 14.60	45.27 -7.27 14.36	38.84 -6.32 11.21	37.79 -6.27 11.04	51.15 -6.19 11.16	44.26 -4.40 7.66
N.BELMOR_69_KV_BK1 55787	37.67 2.50 0.00	35.89 2.28 0.00	37.55 2.39 0.00	37.23 2.40 0.00	35.88 2.26 0.00	36.41 2.52 0.00	52.40 3.70 -4.72	65.31 4.73 0.00	51.64 4.02 0.00	42.99 3.19 0.00	62.83 3.51 -15.41	68.31 4.03 -16.99	67.06 4.12 -15.71	55.62 4.30 -0.01	66.82 5.02 0.00	83.08 6.39 0.00	79.47 5.92 0.00	80.56 6.75 -2.59	82.13 6.83 -3.73	75.84 6.39 -2.55	77.95 5.22 -16.37	76.39 5.05 -16.24	78.11 6.28 -3.33	61.05 4.73 0.00
N.E_GEN_SANDY PD 24062	37.08 1.90 -0.01	37.03 1.83 -1.59	37.04 1.87 0.00	36.72 1.88 0.00	36.50 1.78 -1.10	41.70 1.80 -6.01	46.90 2.39 -0.54	63.77 3.19 0.00	48.31 2.60 1.90	41.67 1.87 0.00	50.12 2.07 -4.14	49.65 2.37 0.00	49.58 2.35 0.00	53.88 2.56 0.00	65.00 3.20 0.00	80.80 4.10 0.00	74.67 3.83 2.71	80.12 4.17 -4.73	88.44 4.07 -12.80	74.51 4.12 -3.48	87.01 3.50 -27.15	88.39 3.54 -29.75	74.78 4.22 -2.06	59.27 3.19 0.24
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.84 1.67 0.00	35.22 1.61 0.00	36.84 1.67 0.00	36.51 1.68 0.00	35.21 1.58 0.00	35.63 1.74 0.00	46.60 2.62 0.00	64.15 3.57 0.00	50.60 2.98 0.00	42.05 2.26 0.00	30.75 2.44 15.60	50.12 2.83 0.00	50.03 2.80 0.00	54.30 2.99 0.00	65.46 3.65 0.00	81.45 4.75 0.00	78.26 4.72 0.00	78.85 5.21 -2.41	77.47 5.26 -0.64	73.57 4.96 -1.70	75.63 3.98 -15.28	74.16 3.89 -15.16	73.13 4.63 0.00	59.81 3.49 0.00
N.QUEENS_27_KV_LOAD 356247	37.20 2.03 0.00	35.65 2.03 -0.01	37.27 2.10 -0.01	36.97 2.13 0.00	35.54 1.91 0.00	35.90 2.00 0.00	46.97 2.99 0.00	64.81 4.23 0.00	51.19 3.57 0.00	42.59 2.80 0.00	56.22 3.04 -9.27	50.85 3.56 0.00	50.75 3.52 0.00	54.95 3.64 0.00	66.19 4.39 0.00	82.31 5.62 0.00	79.00 5.46 0.00	79.75 5.95 -2.58	78.35 6.10 -0.69	74.34 5.61 -1.82	77.15 4.42 -16.36	75.77 4.44 -16.23	73.86 5.36 0.00	60.39 4.07 0.00
N.TROY___115KV_TB1 355778	36.86 1.69 0.00	35.23 1.62 0.00	36.84 1.68 0.00	36.48 1.65 0.00	35.19 1.56 0.00	35.45 1.56 0.00	46.00 2.03 0.00	63.30 2.72 0.00	49.76 2.15 0.00	41.30 1.50 0.00	47.68 1.68 -2.09	49.21 1.92 0.00	49.19 1.96 0.00	53.47 2.16 0.00	64.45 2.64 0.00	80.12 3.42 0.00	76.69 3.15 0.00	84.11 3.37 -9.52	75.74 3.26 -0.91	72.66 3.35 -2.40	118.27 2.87 -59.02	116.24 2.90 -58.24	71.92 3.42 0.00	58.89 2.57 0.00
NARROWS_GT1_1 24228	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	210.91 5.84 -131.52	364.99 6.34 -287.42	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
NARROWS_GT1_2 24229	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	210.91 5.84 -131.52	364.99 6.34 -287.42	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
NARROWS_GT1_3 24230	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	210.91 5.84 -131.52	364.99 6.34 -287.42	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
NARROWS_GT1_4 24231	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	210.91 5.84 -131.52	364.99 6.34 -287.42	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79

NARROWS_GT1_5 24232	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	210.91 5.84 -131.52	364.99 6.34 -287.42	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
NARROWS_GT1_6 24233	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	210.91 5.84 -131.52	364.99 6.34 -287.42	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
NARROWS_GT1_7 24234	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	210.91 5.84 -131.52	364.99 6.34 -287.42	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
NARROWS_GT1_8 24235	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	210.91 5.84 -131.52	364.99 6.34 -287.42	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
NARROWS_GT2_1 24236	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	197.48 5.84 -118.10	238.25 6.34 -160.69	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
NARROWS_GT2_2 24237	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	197.48 5.84 -118.10	238.25 6.34 -160.69	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
NARROWS_GT2_3 24238	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	197.48 5.84 -118.10	238.25 6.34 -160.69	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
NARROWS_GT2_4 24239	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	197.48 5.84 -118.10	238.25 6.34 -160.69	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
NARROWS_GT2_5 24240	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	197.48 5.84 -118.10	238.25 6.34 -160.69	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
NARROWS_GT2_6 24241	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	197.48 5.84 -118.10	238.25 6.34 -160.69	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
NARROWS_GT2_7 24242	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	197.48 5.84 -118.10	238.25 6.34 -160.69	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
NARROWS_GT2_8 24243	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	197.48 5.84 -118.10	238.25 6.34 -160.69	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	37.68 2.51 0.00	36.01 2.40 0.00	37.68 2.52 0.00	37.33 2.49 0.00	36.03 2.41 0.00	36.30 2.41 0.00	47.27 3.30 0.00	65.25 4.67 0.00	51.30 3.69 0.00	42.53 2.73 0.00	47.89 2.98 -1.00	50.39 3.10 0.00	50.54 3.31 0.00	54.77 3.45 0.00	66.36 4.56 0.00	82.69 5.99 0.00	79.64 6.10 0.00	83.15 6.47 -5.45	78.84 6.43 -0.84	75.27 6.13 -2.23	95.46 5.03 -34.06	93.64 4.87 -33.67	74.42 5.93 0.00	60.81 4.49 0.00
NCHELSEA_115KV_TR2 355582	37.33 2.16 0.00	35.67 2.06 0.00	37.31 2.15 0.00	36.99 2.15 0.00	35.68 2.06 0.00	36.10 2.21 0.00	47.22 3.24 0.00	65.06 4.48 0.00	51.31 3.70 0.00	42.65 2.86 0.00	47.00 3.10 0.00	50.81 3.53 0.00	50.67 3.44 0.00	55.01 3.70 0.00	66.40 4.60 0.00	82.63 5.93 0.00	79.43 5.88 0.00	80.28 6.41 -2.64	78.68 6.43 -0.68	74.82 6.10 -1.81	78.00 4.94 -16.69	76.45 4.80 -16.55	74.24 5.73 0.00	60.65 4.34 0.00
NEG CAPITAL___MECHNVIL 23645	37.25 2.08 0.00	35.57 1.96 0.00	37.20 2.03 0.00	36.83 1.99 0.00	35.54 1.92 0.00	35.85 1.96 0.00	46.67 2.70 0.00	64.22 3.63 0.00	50.45 2.84 0.00	41.82 2.03 0.00	48.13 2.24 -1.98	49.80 2.51 0.00	49.78 2.56 0.00	54.12 2.81 0.00	65.18 3.38 0.00	81.15 4.45 0.00	77.78 4.23 0.00	86.24 4.46 -10.55	76.82 4.34 -0.92	73.62 4.28 -2.43	125.35 3.60 -65.38	123.14 3.54 -64.49	72.62 4.12 0.00	59.45 3.14 0.00

NEG CENTRAL_HIGH_ACRES 23767	32.37 -2.79 0.00	30.93 -2.69 0.00	32.31 -2.85 0.00	31.99 -2.85 0.00	30.96 -2.67 0.00	31.33 -2.56 0.00	40.78 -3.20 0.00	55.53 -4.33 0.72	42.98 -3.52 1.12	37.21 -2.59 0.00	41.07 -2.84 0.00	44.11 -3.17 0.00	44.11 -3.12 0.00	47.94 -3.37 0.00	57.75 -4.06 0.00	71.70 -4.99 0.00	68.74 -4.81 0.00	66.86 -4.37 0.00	67.16 -4.49 -0.08	62.60 -4.53 -0.22	52.45 -3.98 -0.06	50.99 -4.20 -0.08	63.79 -4.71 0.00	52.68 -3.64 0.00
NEG CENTRAL___DRP 24199	36.38 -1.34 -2.55	36.64 -1.28 -4.30	38.56 -1.34 -4.73	38.16 -1.35 -4.67	36.21 -1.25 -3.83	37.50 -1.10 -4.70	47.84 -1.38 -5.24	66.59 -2.00 -8.00	49.65 -1.22 -3.25	40.88 -1.18 -2.27	45.81 -1.32 -3.22	51.12 -1.54 -5.38	51.99 -1.38 -6.14	56.80 -1.54 -7.02	67.14 -1.86 -7.20	82.91 -2.22 -8.44	79.69 -2.18 -8.32	78.14 -1.66 -8.57	78.03 -1.64 -8.10	73.52 -1.61 -8.22	64.53 -1.53 -9.68	63.14 -1.53 -9.57	72.74 -1.98 -6.22	58.99 -1.60 -4.27
NEG CENTRAL___INDECK 23768	58.39 -2.26 -25.49	74.40 -2.22 -43.01	80.17 -2.35 -47.35	79.21 -2.34 -46.71	69.77 -2.14 -38.29	79.12 -1.80 -47.03	94.27 -2.10 -52.39	116.41 -2.86 -58.68	46.13 -1.66 -0.17	60.84 -1.62 -22.67	74.37 -1.78 -32.24	98.98 -2.07 -53.76	106.73 -1.85 -61.35	119.54 -1.94 -70.17	131.28 -2.44 -71.91	158.21 -2.79 -84.30	154.25 -2.46 -83.16	152.01 -1.93 -82.71	149.66 -2.12 -80.22	144.55 -2.41 -80.06	131.75 -2.37 -77.74	129.45 -2.47 -76.81	127.91 -2.79 -62.20	96.80 -2.20 -42.68
NEG CENTRAL___SENECA 23627	37.61 -1.71 -4.14	38.97 -1.63 -6.99	41.14 -1.72 -7.69	40.70 -1.73 -7.59	38.25 -1.60 -6.22	40.16 -1.38 -7.64	50.80 -1.70 -8.52	71.23 -2.40 -13.05	51.63 -1.34 -5.35	42.09 -1.39 -3.68	47.55 -1.60 -5.24	54.18 -1.85 -8.74	55.58 -1.63 -9.98	60.86 -1.87 -11.41	71.28 -2.22 -11.69	87.73 -2.67 -13.71	84.35 -2.72 -13.52	82.92 -2.07 -13.76	82.55 -2.14 -13.12	78.09 -2.05 -13.23	69.05 -1.95 -14.64	67.62 -1.95 -14.47	76.10 -2.50 -10.11	61.29 -1.96 -6.93
NEG CENTRAL___STATE_STREET 24147	34.41 -0.75 0.00	32.91 -0.70 0.00	34.43 -0.73 0.00	34.10 -0.74 0.00	32.95 -0.68 0.00	33.31 -0.58 0.00	43.22 -0.76 0.00	59.95 -1.14 -0.51	47.61 -0.77 -0.77	39.12 -0.67 0.00	43.19 -0.72 0.00	46.43 -0.86 0.00	46.48 -0.75 0.00	50.46 -0.85 0.00	60.75 -1.06 0.00	75.50 -1.19 0.00	72.45 -1.10 0.00	70.93 -0.64 -0.34	71.25 -0.41 -0.09	66.69 -0.46 -0.23	58.01 -0.52 -2.16	56.65 -0.59 -2.14	67.73 -0.77 0.00	55.63 -0.69 0.00
NEG MILLWOOD___DRP 24198	37.47 2.30 0.00	35.80 2.19 0.00	37.43 2.27 0.00	37.10 2.27 0.00	35.78 2.16 0.00	36.22 2.33 0.00	47.37 3.40 0.00	65.24 4.66 0.00	51.47 3.85 0.00	42.79 2.99 0.00	51.38 3.27 -4.20	51.03 3.74 0.00	50.88 3.65 0.00	55.21 3.89 0.00	66.63 4.83 0.00	82.91 6.21 0.00	79.66 6.11 0.00	80.55 6.67 -2.66	78.98 6.71 -0.70	75.12 6.36 -1.85	78.35 5.13 -16.85	76.79 4.97 -16.71	74.47 5.97 0.00	60.84 4.52 0.00
NEG NORTH_FLCN_SEA 23793	34.62 -0.55 0.00	32.98 -0.63 0.00	34.55 -0.61 0.00	24.36 -0.64 9.83	-14.42 -0.74 47.31	-20.03 -0.83 53.09	-25.35 -0.98 68.35	-26.58 -1.09 86.07	-25.63 -0.79 72.45	-25.17 -0.51 64.45	-25.36 -0.59 68.68	-25.50 -0.76 72.03	-25.51 -0.88 71.86	-25.81 -0.93 76.19	-11.54 -1.00 72.34	-18.99 -1.65 94.04	-27.19 -1.45 99.29	-26.87 -1.80 96.30	-26.98 -1.81 96.74	-26.60 -1.87 91.65	-11.47 -1.51 66.34	-25.93 -1.75 79.29	-26.80 -1.95 93.35	0.74 -1.05 54.53
NEG NORTH_KES_CHATEGAY 23792	34.45 -0.72 0.00	32.82 -0.80 0.00	34.36 -0.81 0.00	34.98 -0.81 -0.95	37.36 -0.86 -4.59	38.18 -0.86 -5.15	49.61 -1.00 -6.63	67.90 -1.04 -8.35	53.86 -0.78 -7.03	45.58 -0.46 -6.25	49.93 -0.64 -6.66	53.42 -0.86 -6.99	53.21 -0.99 -6.97	57.70 -1.01 -7.39	67.63 -1.19 -7.02	84.03 -1.80 -9.12	81.67 -1.51 -9.64	78.58 -1.99 -9.34	79.06 -1.90 -9.39	73.77 -2.04 -8.90	61.17 -1.64 -6.44	60.94 -1.86 -7.69	75.49 -2.06 -9.06	60.27 -1.35 -5.29
NEG NORTH___ALICE_FALLS 23915	34.72 -0.45 0.00	33.06 -0.55 0.00	34.63 -0.54 0.00	41.07 -0.57 -6.81	65.79 -0.63 -32.80	70.03 -0.66 -36.81	90.63 -0.73 -47.38	119.57 -0.67 -59.66	97.37 -0.44 -50.20	84.24 -0.22 -44.67	91.23 -0.27 -47.59	96.78 -0.42 -49.92	96.45 -0.58 -49.80	103.51 -0.61 -52.80	111.37 -0.57 -50.13	140.84 -1.05 -65.19	141.58 -0.79 -68.83	136.83 -1.16 -66.76	137.50 -1.13 -67.06	129.17 -1.27 -63.53	101.33 -1.03 -45.99	108.76 -1.31 -54.97	131.76 -1.44 -64.70	93.38 -0.74 -37.80
NEG NORTH___LWR_SARANAC 23913	34.72 -0.45 0.00	33.06 -0.55 0.00	34.63 -0.54 0.00	41.07 -0.57 -6.81	65.79 -0.63 -32.80	70.03 -0.66 -36.81	90.63 -0.73 -47.38	119.57 -0.67 -59.66	97.37 -0.44 -50.20	84.24 -0.22 -44.67	91.23 -0.27 -47.59	96.78 -0.42 -49.92	96.45 -0.58 -49.80	103.51 -0.61 -52.80	111.37 -0.57 -50.13	140.84 -1.05 -65.19	141.58 -0.79 -68.83	136.83 -1.16 -66.76	137.50 -1.13 -67.06	129.17 -1.27 -63.53	101.33 -1.03 -45.99	108.76 -1.31 -54.97	131.76 -1.44 -64.70	93.38 -0.74 -37.80
NEG NORTH___PLATTSBURG 23628	34.72 -0.45 0.00	33.06 -0.55 0.00	34.62 -0.54 0.00	41.07 -0.58 -6.81	65.79 -0.63 -32.80	70.03 -0.67 -36.81	90.63 -0.73 -47.38	119.57 -0.67 -59.66	97.37 -0.44 -50.20	84.24 -0.22 -44.67	91.22 -0.28 -47.59	96.78 -0.43 -49.92	96.45 -0.58 -49.80	103.50 -0.61 -52.80	111.37 -0.56 -50.13	140.84 -1.05 -65.19	141.61 -0.78 -68.83	136.82 -1.16 -66.76	137.50 -1.14 -67.06	129.17 -1.28 -63.53	101.33 -1.03 -45.99	108.76 -1.32 -54.97	131.78 -1.42 -64.70	93.37 -0.75 -37.80
NEG WEST_LEA_LOCKPORT 23791	24.74 -4.82 5.62	19.54 -4.64 9.44	19.87 -4.99 10.31	19.67 -5.00 10.17	20.62 -4.67 8.34	19.14 -4.52 10.23	26.89 -5.59 11.50	39.09 -7.76 13.74	40.22 -6.73 0.67	30.09 -4.66 5.04	31.48 -5.25 7.17	29.43 -5.90 11.96	27.70 -5.88 13.64	29.20 -6.50 15.61	38.03 -7.77 15.99	48.29 -9.67 18.74	45.89 -9.24 18.42	44.67 -8.75 17.80	44.85 -9.08 17.63	40.48 -9.05 17.38	34.62 -7.79 13.96	33.69 -7.65 13.77	47.21 -7.75 13.53	41.43 -5.60 9.29
NEG WEST___LANCASTER 23811	26.44 -3.09 5.63	21.17 -2.95 9.49	21.59 -3.17 10.40	21.36 -3.21 10.27	22.25 -2.96 8.42	20.76 -2.80 10.33	28.90 -3.52 11.56	42.08 -4.98 13.52	42.81 -4.37 0.44	31.92 -2.84 5.03	33.66 -3.09 7.16	31.89 -3.46 11.94	30.21 -3.40 13.62	32.00 -3.74 15.58	41.34 -4.49 15.97	52.31 -5.68 18.71	49.36 -5.76 18.43	48.17 -5.33 17.73	48.41 -5.54 17.62	43.97 -5.60 17.34	37.90 -5.00 13.47	37.09 -4.77 13.24	50.14 -4.70 13.66	43.64 -3.30 9.38
NEG_PENN_ALLEGHNY 23528	34.45 -0.72 0.00	32.96 -0.66 0.00	34.53 -0.64 0.00	34.16 -0.67 0.00	32.99 -0.64 0.00	33.39 -0.51 0.00	43.34 -0.64 0.00	59.66 -1.03 -0.10	47.15 -0.67 -0.21	39.22 -0.57 0.00	42.44 -0.59 0.88	46.60 -0.69 0.00	46.67 -0.57 0.00	50.68 -0.63 0.00	60.98 -0.82 0.00	75.76 -0.93 0.00	72.52 -1.03 0.00	71.64 -0.55 -0.96	71.26 -0.53 -0.22	66.97 -0.54 -0.60	61.76 -0.69 -6.07	60.53 -0.60 -6.02	67.73 -0.77 0.00	55.60 -0.72 0.00
NEG___GEN_MONROE 24207	32.39 -2.79 -0.01	30.93 -2.70 -0.02	32.27 -2.92 -0.03	31.94 -2.93 -0.03	30.96 -2.69 -0.03	31.36 -2.56 -0.03	41.02 -3.00 -0.03	56.06 -3.94 0.58	43.27 -3.44 0.91	37.42 -2.37 0.00	41.25 -2.66 0.00	44.24 -3.05 -0.01	44.16 -3.08 -0.01	47.92 -3.40 -0.01	57.84 -3.97 -0.01	71.78 -4.93 -0.01	68.83 -4.72 -0.01	66.95 -4.29 -0.01	67.20 -4.47 -0.10	62.58 -4.57 -0.24	52.39 -4.06 -0.08	51.13 -4.07 -0.10	64.37 -4.17 -0.04	53.29 -3.06 -0.03

NEPA__ENERGY 23901	23.05 -4.35 7.77	16.26 -4.26 13.10	16.23 -4.54 14.39	16.11 -4.53 14.20	17.72 -4.27 11.64	15.56 -4.04 14.29	23.07 -4.93 15.97	35.28 -6.80 18.50	41.28 -5.80 0.53	29.00 -3.87 6.93	29.76 -4.29 9.85	26.01 -4.85 16.43	23.61 -4.87 18.75	24.49 -5.38 21.45	33.32 -6.51 21.98	42.86 -8.08 25.75	40.35 -7.82 25.38	39.21 -7.39 24.63	39.55 -7.70 24.32	35.36 -7.53 24.02	29.85 -6.62 19.90	29.07 -6.46 19.57	42.98 -6.62 18.90	38.54 -4.81 12.97
NEVERSINK__HYD 23608	36.83 1.66 0.00	35.18 1.57 0.00	36.80 1.63 0.00	36.48 1.65 0.00	35.22 1.59 0.00	35.67 1.78 0.00	46.75 2.78 0.00	64.53 3.95 0.00	50.90 3.28 0.00	42.37 2.58 0.00	41.96 2.75 4.70	50.32 3.04 0.00	50.10 2.87 0.00	54.41 3.10 0.00	65.68 3.87 0.00	81.76 5.07 0.00	78.91 5.36 0.00	79.60 5.90 -2.48	78.15 5.98 -0.60	74.11 5.60 -1.60	76.52 4.51 -15.64	74.89 4.29 -15.50	73.55 5.05 0.00	60.09 3.77 0.00
NEWKRMKL_115KV_TB1 55635	36.88 1.71 0.00	35.25 1.64 0.00	36.89 1.72 0.00	36.53 1.70 0.00	35.23 1.60 0.00	35.47 1.58 0.00	46.02 2.04 0.00	63.35 2.77 0.00	49.81 2.20 0.00	41.44 1.65 0.00	47.76 1.86 -1.99	49.41 2.13 0.00	49.40 2.17 0.00	53.68 2.37 0.00	64.73 2.92 0.00	80.41 3.72 0.00	77.05 3.51 0.00	82.61 3.73 -7.65	76.12 3.65 -0.90	72.92 3.62 -2.39	107.04 3.07 -47.59	105.11 3.01 -46.99	72.07 3.57 0.00	58.94 2.62 0.00
NEWTON__FALLS_HYD 23847	33.96 -1.21 0.00	32.32 -1.30 0.00	33.75 -1.41 0.00	33.46 -1.38 0.00	32.33 -1.29 0.00	32.52 -1.38 0.00	42.23 -1.75 0.00	58.44 -2.14 0.00	45.84 -1.77 0.00	38.45 -1.34 0.00	42.20 -1.71 0.00	45.37 -1.92 0.00	44.93 -2.30 0.00	48.76 -2.56 0.00	58.97 -2.84 0.00	73.18 -3.52 0.00	70.61 -2.93 0.00	68.35 -2.87 0.00	68.54 -3.05 -0.02	63.89 -3.06 -0.05	53.75 -2.64 -0.01	52.28 -2.85 -0.02	64.98 -3.52 0.00	53.73 -2.60 0.00
NGRID_A1_DSASP 323792	24.08 -5.39 5.69	18.83 -5.17 9.61	19.08 -5.51 10.58	18.88 -5.53 10.43	19.86 -5.21 8.55	18.32 -5.06 10.50	26.01 -6.20 11.76	37.99 -8.80 13.80	39.53 -7.46 0.63	29.21 -5.50 5.08	30.49 -6.19 7.22	28.35 -6.89 12.04	26.64 -6.85 13.74	28.06 -7.53 15.72	36.60 -9.09 16.11	46.50 -11.33 18.87	44.12 -10.84 18.58	42.90 -10.37 17.96	43.15 -10.63 17.79	38.94 -10.43 17.53	33.47 -8.85 14.05	32.61 -8.65 13.85	45.81 -8.80 13.89	40.34 -6.45 9.53
NGRID_A2_DSASP 323793	24.08 -5.39 5.69	18.83 -5.17 9.61	19.08 -5.51 10.58	18.88 -5.53 10.43	19.86 -5.21 8.55	18.32 -5.06 10.50	26.01 -6.20 11.76	37.99 -8.80 13.80	39.53 -7.46 0.63	29.21 -5.50 5.08	30.49 -6.19 7.22	28.35 -6.89 12.04	26.64 -6.85 13.74	28.06 -7.53 15.72	36.60 -9.09 16.11	46.50 -11.33 18.87	44.12 -10.84 18.58	42.90 -10.37 17.96	43.15 -10.63 17.79	38.94 -10.43 17.53	33.47 -8.85 14.05	32.61 -8.65 13.85	45.81 -8.80 13.89	40.34 -6.45 9.53
NGRID_A4_DSASP 323807	24.08 -5.39 5.69	18.83 -5.17 9.61	19.08 -5.51 10.58	18.88 -5.53 10.43	19.86 -5.21 8.55	18.32 -5.06 10.50	26.01 -6.20 11.76	37.99 -8.80 13.80	39.53 -7.46 0.63	29.21 -5.50 5.08	30.49 -6.19 7.22	28.35 -6.89 12.04	26.64 -6.85 13.74	28.06 -7.53 15.72	36.60 -9.09 16.11	46.50 -11.33 18.87	44.12 -10.84 18.58	42.90 -10.37 17.96	43.15 -10.63 17.79	38.94 -10.43 17.53	33.47 -8.85 14.05	32.61 -8.65 13.85	45.81 -8.80 13.89	40.34 -6.45 9.53
NIAGARA_115E_LBMP 323715	24.37 -5.21 5.59	19.29 -4.96 9.35	19.77 -5.29 10.10	19.57 -5.30 9.96	20.45 -5.00 8.17	19.02 -4.84 10.03	26.72 -6.03 11.22	38.47 -8.42 13.69	39.42 -7.56 0.63	29.50 -5.24 5.05	30.85 -5.86 7.19	28.90 -6.41 11.98	27.20 -6.37 13.66	28.65 -7.04 15.63	37.29 -8.50 16.02	47.17 -10.72 18.80	44.90 -9.63 18.49	43.74 -9.98 17.85	43.90 -10.63 17.69	39.41 -10.07 17.43	33.99 -8.42 13.96	33.00 -8.38 13.73	46.76 -8.47 13.26	41.03 -6.19 9.10
NIAGARA_115W_LBMP 323714	24.06 -5.44 5.67	18.83 -5.22 9.56	19.07 -5.56 10.53	18.87 -5.57 10.39	19.86 -5.25 8.52	18.33 -5.10 10.46	26.02 -6.26 11.70	37.97 -8.89 13.73	39.45 -7.54 0.63	29.17 -5.57 5.05	30.45 -6.28 7.18	28.32 -6.99 11.98	26.63 -6.94 13.66	28.05 -7.63 15.63	36.57 -9.21 16.02	46.45 -11.48 18.76	44.08 -10.98 18.48	42.87 -10.50 17.85	43.12 -10.77 17.69	38.94 -10.54 17.43	33.46 -8.95 13.96	32.59 -8.73 13.78	45.78 -8.89 13.83	40.31 -6.51 9.49
NIAGARA_230_LBMP 323716	24.66 -5.11 5.40	19.57 -4.91 9.12	19.85 -5.23 10.08	19.64 -5.26 9.94	20.52 -4.95 8.15	19.07 -4.81 10.01	26.76 -6.02 11.20	39.13 -8.36 13.10	39.98 -7.00 0.63	29.88 -5.11 4.80	31.37 -5.71 6.83	29.55 -6.35 11.39	27.92 -6.32 12.99	29.52 -6.94 14.86	38.19 -8.38 15.23	48.38 -10.48 17.84	45.92 -10.05 17.57	44.69 -9.57 16.97	44.91 -9.84 16.82	40.54 -9.81 16.57	34.88 -8.31 13.18	33.76 -8.20 13.14	46.73 -8.53 13.24	40.99 -6.24 9.08
NIAGARA__115KV_198_GIBSON 55903	24.09 -5.41 5.67	18.87 -5.18 9.56	19.08 -5.55 10.53	18.89 -5.56 10.39	19.90 -5.21 8.52	18.34 -5.09 10.46	25.95 -6.33 11.70	38.04 -8.82 13.73	39.45 -7.54 0.63	29.21 -5.53 5.05	30.43 -6.29 7.18	28.29 -7.02 11.98	26.64 -6.93 13.66	27.97 -7.71 15.63	36.53 -9.25 16.02	46.35 -11.58 18.76	43.98 -11.08 18.48	42.89 -10.48 17.85	43.08 -10.80 17.69	38.94 -10.53 17.43	33.44 -8.97 13.96	32.56 -8.76 13.78	45.72 -8.95 13.83	40.24 -6.58 9.49
NIAGARA____ 23760	24.62 -5.11 5.45	19.51 -4.91 9.19	19.81 -5.23 10.12	19.60 -5.26 9.99	20.49 -4.95 8.18	19.03 -4.81 10.05	26.71 -6.02 11.25	38.98 -8.36 13.24	39.98 -7.00 0.63	29.81 -5.11 4.87	31.26 -5.71 6.94	29.37 -6.35 11.56	27.73 -6.32 13.19	29.28 -6.94 15.09	37.95 -8.38 15.47	48.08 -10.48 18.14	45.63 -10.05 17.86	44.42 -9.57 17.24	44.64 -9.84 17.09	40.27 -9.81 16.83	34.65 -8.31 13.41	33.59 -8.20 13.32	46.67 -8.53 13.30	40.93 -6.24 9.14
NINE_MILE_1 23575	33.71 -1.46 0.00	32.24 -1.37 0.00	33.72 -1.44 0.00	33.38 -1.45 0.00	32.26 -1.37 0.00	32.51 -1.39 0.00	42.04 -1.94 0.00	57.88 -2.70 0.00	45.51 -2.10 0.00	38.04 -1.75 0.00	42.01 -1.90 0.00	45.22 -2.06 0.00	45.18 -2.05 0.00	49.08 -2.23 0.00	59.10 -2.71 0.00	73.40 -3.30 0.00	70.39 -3.15 0.00	68.36 -2.87 0.00	68.70 -2.91 -0.04	64.26 -2.76 -0.11	54.01 -2.39 -0.03	52.78 -2.36 -0.04	65.58 -2.92 0.00	53.90 -2.41 0.00
NINE_MILE_2 23744	33.71 -1.46 0.00	32.24 -1.37 0.00	33.72 -1.44 0.00	33.39 -1.44 0.00	32.26 -1.37 0.00	32.51 -1.39 0.00	42.04 -1.93 0.00	57.89 -2.70 0.00	45.51 -2.10 0.00	38.06 -1.74 0.00	42.01 -1.89 0.00	45.22 -2.06 0.00	45.18 -2.05 0.00	49.09 -2.23 0.00	59.10 -2.70 0.00	73.40 -3.29 0.00	70.40 -3.15 0.00	68.36 -2.87 0.00	68.71 -2.90 -0.04	64.26 -2.76 -0.11	54.02 -2.38 -0.03	52.78 -2.36 -0.04	65.58 -2.91 0.00	53.91 -2.41 0.00
NM_CAPITAL__DRP 24208	36.86 1.69 0.00	35.24 1.63 0.00	36.87 1.70 0.00	36.52 1.68 0.00	35.22 1.59 0.00	35.43 1.54 0.00	45.95 1.98 0.00	63.24 2.65 0.00	49.73 2.11 0.00	41.37 1.58 0.00	47.72 1.78 -2.04	49.32 2.04 0.00	49.30 2.07 0.00	53.59 2.28 0.00	64.61 2.81 0.00	80.25 3.56 0.00	76.89 3.35 0.00	82.34 3.56 -7.55	75.94 3.47 -0.90	72.77 3.48 -2.38	106.33 2.97 -46.99	104.43 2.92 -46.40	71.99 3.49 0.00	58.89 2.57 0.00

NM_CENTRAL___DRP 24181	34.24 -0.93 0.00	32.75 -0.87 0.00	34.24 -0.92 0.00	33.92 -0.91 0.00	32.77 -0.85 0.00	33.07 -0.82 0.00	42.85 -1.13 0.00	59.01 -1.58 0.00	46.42 -1.19 0.00	38.82 -0.97 0.00	42.87 -1.04 0.00	46.12 -1.16 0.00	46.12 -1.11 0.00	50.13 -1.19 0.00	60.37 -1.44 0.00	74.98 -1.72 0.00	71.89 -1.66 0.00	69.90 -1.33 0.00	70.26 -1.37 -0.06	65.73 -1.34 -0.16	55.19 -1.23 -0.05	53.92 -1.25 -0.06	66.92 -1.58 0.00	54.96 -1.36 0.00
NM_FRONTIER___DRP 24179	24.09 -5.41 5.67	18.87 -5.18 9.56	19.08 -5.55 10.53	18.89 -5.56 10.39	19.90 -5.21 8.52	18.34 -5.09 10.46	25.95 -6.33 11.70	38.04 -8.82 13.73	39.45 -7.54 0.63	29.21 -5.53 5.05	30.43 -6.29 7.18	28.29 -7.02 11.98	26.64 -6.93 13.66	27.97 -7.71 15.63	36.53 -9.25 16.02	46.35 -11.58 18.76	43.98 -11.08 18.48	42.89 -10.48 17.85	43.08 -10.80 17.69	38.94 -10.53 17.43	33.44 -8.97 13.96	32.56 -8.76 13.78	45.72 -8.95 13.83	40.24 -6.58 9.49
NM_ST_REGIS___HYD 24053	34.74 -0.43 0.00	33.07 -0.54 0.00	34.58 -0.58 0.00	34.51 -0.57 -0.24	34.22 -0.58 -1.17	34.51 -0.69 -1.31	44.76 -0.91 -1.69	61.78 -0.94 -2.13	48.68 -0.72 -1.79	40.99 -0.40 -1.59	44.98 -0.63 -1.70	48.15 -0.91 -1.78	47.80 -1.21 -1.78	51.94 -1.26 -1.88	62.19 -1.40 -1.79	76.87 -2.16 -2.33	74.27 -1.73 -2.46	71.44 -2.17 -2.38	71.81 -2.16 -2.39	66.88 -2.30 -2.27	56.11 -1.90 -1.64	54.88 -2.19 -1.96	68.33 -2.48 -2.31	56.22 -1.44 -1.35
NORTHPORT___1 23551	37.73 2.56 0.00	35.91 2.31 0.00	37.60 2.43 0.00	37.30 2.47 0.00	35.92 2.30 0.00	36.50 2.61 0.00	51.15 3.83 -3.34	65.35 4.77 0.00	51.59 3.97 0.00	43.03 3.24 0.00	61.20 3.69 -13.61	63.48 4.17 -12.03	62.61 4.26 -11.12	55.57 4.25 -0.01	66.84 5.04 0.00	83.11 6.41 0.00	79.17 5.62 0.00	80.35 6.53 -2.59	81.09 6.68 -2.84	75.36 6.12 -2.33	77.79 5.04 -16.37	76.20 4.86 -16.24	77.21 6.35 -2.36	61.16 4.84 0.00
NORTHPORT___2 23552	37.73 2.56 0.00	35.91 2.31 0.00	37.60 2.43 0.00	37.30 2.47 0.00	35.92 2.30 0.00	36.50 2.61 0.00	51.15 3.83 -3.34	65.35 4.77 0.00	51.59 3.97 0.00	43.03 3.24 0.00	61.20 3.69 -13.61	63.48 4.17 -12.03	62.61 4.26 -11.12	55.57 4.25 -0.01	66.84 5.04 0.00	83.11 6.41 0.00	79.17 5.62 0.00	80.35 6.53 -2.59	81.09 6.68 -2.84	75.36 6.12 -2.33	77.79 5.04 -16.37	76.20 4.86 -16.24	77.21 6.35 -2.36	61.16 4.84 0.00
NORTHPORT___3 23553	37.43 2.26 0.00	35.66 2.05 0.00	37.30 2.14 0.00	37.00 2.16 0.00	35.64 2.02 0.00	36.19 2.30 0.00	50.77 3.42 -3.37	64.88 4.30 0.00	51.22 3.61 0.00	42.69 2.90 0.00	60.93 3.37 -13.65	63.24 3.81 -12.14	62.34 3.89 -11.22	55.22 3.90 -0.01	66.41 4.61 0.00	82.44 5.74 0.00	78.60 5.05 0.00	79.64 5.83 -2.59	80.47 6.04 -2.86	74.88 5.64 -2.34	77.44 4.70 -16.37	75.85 4.51 -16.24	76.66 5.78 -2.38	60.68 4.37 0.00
NORTHPORT___4 23650	37.43 2.26 0.00	35.66 2.05 0.00	37.30 2.14 0.00	37.00 2.16 0.00	35.64 2.02 0.00	36.19 2.30 0.00	50.77 3.42 -3.37	64.88 4.30 0.00	51.22 3.61 0.00	42.69 2.90 0.00	60.93 3.37 -13.65	63.24 3.81 -12.14	62.34 3.89 -11.22	55.22 3.90 -0.01	66.41 4.61 0.00	82.44 5.74 0.00	78.60 5.05 0.00	79.64 5.83 -2.59	80.47 6.04 -2.86	74.88 5.64 -2.34	77.44 4.70 -16.37	75.85 4.51 -16.24	76.66 5.78 -2.38	60.68 4.37 0.00
NORTHPORT___IC 23718	37.73 2.56 0.00	35.92 2.31 0.00	37.61 2.45 0.00	37.31 2.47 0.00	35.93 2.30 0.00	36.51 2.61 0.00	51.16 3.84 -3.34	65.37 4.79 0.00	51.59 3.97 0.00	43.03 3.23 0.00	61.21 3.69 -13.61	63.49 4.18 -12.03	62.62 4.27 -11.12	55.58 4.26 -0.01	66.87 5.07 0.00	83.14 6.44 0.00	79.20 5.66 0.00	80.39 6.57 -2.59	81.13 6.72 -2.84	75.38 6.14 -2.33	77.80 5.06 -16.37	76.22 4.88 -16.24	77.22 6.36 -2.36	61.17 4.85 0.00
NORTH___COUNTRY_ESR 323785	34.32 -0.85 0.00	32.70 -0.91 0.00	34.22 -0.95 0.00	34.69 -0.94 -0.80	36.49 -0.98 -3.84	37.21 -0.99 -4.31	48.35 -1.17 -5.55	66.30 -1.27 -6.99	52.50 -0.99 -5.88	44.40 -0.62 -5.23	48.68 -0.80 -5.57	52.08 -1.05 -5.85	51.90 -1.16 -5.83	56.29 -1.21 -6.18	66.26 -1.42 -5.87	82.22 -2.11 -7.64	79.77 -1.84 -8.06	76.69 -2.35 -7.82	77.13 -2.29 -7.85	71.97 -2.38 -7.44	59.83 -1.93 -5.39	59.43 -2.11 -6.44	73.71 -2.37 -7.58	59.17 -1.58 -4.43
NPX_GEN_1385_PROXY 323591	37.73 2.56 0.00	35.92 2.31 0.00	37.68 2.51 0.00	37.61 2.77 0.00	36.01 2.38 0.00	36.82 2.93 0.00	51.43 4.11 -3.34	65.53 4.95 0.00	51.59 3.97 0.00	43.03 3.24 0.00	61.03 3.52 -13.61	63.29 3.98 -12.03	62.27 3.92 -11.12	55.23 3.91 -0.01	66.59 4.79 0.00	82.77 6.07 0.00	77.09 4.83 1.29	80.11 6.30 -2.59	81.26 6.85 -2.84	74.63 5.39 -2.33	77.21 4.47 -16.37	75.48 4.14 -16.24	77.49 6.63 -2.36	61.27 4.95 0.00
NPX_GEN_CSC 323557	37.79 2.62 0.00	35.88 2.27 0.00	37.60 2.44 0.00	37.21 2.38 0.00	35.87 2.25 0.00	36.29 2.40 0.00	50.98 3.61 -3.39	64.54 3.96 0.00	50.92 3.30 0.00	37.53 2.99 5.26	61.33 3.75 -13.67	63.66 4.16 -12.21	63.04 4.53 -11.29	55.53 4.21 -0.01	66.50 4.70 0.00	83.04 6.35 0.00	78.04 5.78 1.29	80.64 6.83 -2.59	81.42 6.97 -2.87	75.71 6.46 -2.34	77.98 5.24 -16.37	76.58 5.23 -16.24	77.48 6.59 -2.39	61.29 4.97 0.00
NSINS_S___GLNS_FALLS 23858	37.43 2.26 0.00	35.74 2.13 0.00	37.39 2.22 0.00	36.97 2.14 0.00	35.68 2.06 0.00	36.05 2.15 0.00	47.04 3.06 0.00	64.62 4.04 0.00	50.81 3.19 0.00	42.02 2.22 0.00	48.28 2.46 -1.91	50.01 2.73 0.00	49.86 2.63 0.00	54.04 2.72 0.00	65.02 3.22 0.00	80.86 4.17 0.00	77.56 4.01 0.00	86.53 4.25 -11.05	76.54 4.05 -0.92	73.43 4.07 -2.45	128.25 3.46 -68.42	125.99 3.40 -67.48	72.32 3.82 0.00	59.15 2.83 0.00
NUCOR_STEEL___DRP 24197	34.41 -0.75 0.00	32.92 -0.70 0.00	34.44 -0.72 0.00	34.11 -0.73 0.00	32.96 -0.67 0.00	33.31 -0.58 0.00	43.22 -0.76 0.00	59.62 -1.15 -0.18	47.06 -0.82 -0.27	39.10 -0.70 0.00	43.16 -0.75 0.00	46.42 -0.86 0.00	46.45 -0.78 0.00	50.45 -0.86 0.00	60.72 -1.09 0.00	75.50 -1.19 0.00	72.42 -1.13 0.00	70.57 -0.66 0.00	71.23 -0.42 -0.08	66.66 -0.47 -0.22	55.92 -0.52 -0.06	54.62 -0.57 -0.08	67.75 -0.75 0.00	55.63 -0.69 0.00
NUMBER_THREE_WT_PWR 323818	33.64 -1.52 0.00	32.09 -1.52 0.00	33.51 -1.65 0.00	33.24 -1.60 0.00	32.19 -1.44 0.00	32.50 -1.39 0.00	42.31 -1.66 0.00	58.54 -2.04 0.00	45.91 -1.70 0.00	38.36 -1.43 0.00	42.18 -1.73 0.00	45.56 -1.72 0.00	45.08 -2.16 0.00	48.78 -2.54 0.00	59.05 -2.75 0.00	73.70 -3.00 0.00	71.11 -2.43 0.00	69.25 -1.97 0.00	69.38 -2.22 -0.02	64.72 -2.25 -0.06	54.39 -2.00 -0.02	52.97 -2.16 -0.02	65.62 -2.88 0.00	53.93 -2.39 0.00
NYISO_LBMP_REFERENCE 24008	35.17 0.00 0.00	33.61 0.00 0.00	35.16 0.00 0.00	34.84 0.00 0.00	33.63 0.00 0.00	33.89 0.00 0.00	43.98 0.00 0.00	60.59 0.00 0.00	47.62 0.00 0.00	39.79 0.00 0.00	43.91 0.00 0.00	47.29 0.00 0.00	47.23 0.00 0.00	51.31 0.00 0.00	61.80 0.00 0.00	76.70 0.00 0.00	73.55 0.00 0.00	71.23 0.00 0.00	71.57 0.00 0.00	66.91 0.00 0.00	56.37 0.00 0.00	55.11 0.00 0.00	68.50 0.00 0.00	56.32 0.00 0.00

NYPA_BRENTWD____GT 24164	38.02 2.85 0.00	36.18 2.57 0.00	37.86 2.70 0.00	37.53 2.70 0.00	36.17 2.54 0.00	36.75 2.86 0.00	51.63 4.20 -3.45	65.91 5.33 0.00	52.01 4.40 0.00	43.38 3.59 0.00	61.79 4.14 -13.74	64.34 4.65 -12.40	63.44 4.75 -11.47	56.07 4.74 -0.01	67.46 5.65 0.00	83.80 7.11 0.00	79.57 6.03 0.00	80.67 6.85 -2.59	81.46 6.98 -2.91	75.68 6.42 -2.35	77.99 5.25 -16.37	76.51 5.17 -16.24	77.67 6.74 -2.43	61.70 5.37 0.00
NYPA_GOWANUS____GT5 24156	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	210.91 5.84 -131.52	364.99 6.34 -287.42	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
NYPA_GOWANUS____GT6 24157	289.37 2.29 -251.92	58.38 2.21 -22.55	58.09 2.27 -20.66	58.09 2.27 -20.98	58.10 2.10 -22.38	58.31 2.21 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.23 3.80 -7.82	65.87 2.93 -23.15	64.73 3.20 -17.63	59.50 3.75 -8.47	59.33 3.71 -8.39	104.66 3.92 -49.42	76.58 4.67 -10.10	82.63 5.92 -0.02	210.91 5.84 -131.52	364.99 6.34 -287.42	150.15 6.57 -72.01	122.60 6.15 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79
NYPA_HARLEM__RVR__GT1 24160	37.15 1.98 0.00	35.60 1.98 -0.01	37.17 2.00 -0.01	36.88 2.05 0.00	35.48 1.85 0.00	35.84 1.95 0.00	46.90 2.92 0.00	64.68 4.10 0.00	51.10 3.49 0.00	42.51 2.71 0.00	56.12 2.93 -9.27	50.75 3.47 0.00	50.63 3.40 0.00	54.84 3.53 0.00	66.05 4.25 0.00	82.14 5.44 0.00	78.80 5.25 0.00	79.58 5.77 -2.58	78.18 5.92 -0.69	74.20 5.47 -1.82	77.04 4.31 -16.36	75.68 4.35 -16.23	73.76 5.26 0.00	60.30 3.99 0.00
NYPA_HARLEM__RVR__GT2 24161	37.15 1.98 0.00	35.60 1.98 -0.01	37.17 2.00 -0.01	36.88 2.05 0.00	35.48 1.85 0.00	35.84 1.95 0.00	46.90 2.92 0.00	64.68 4.10 0.00	51.10 3.49 0.00	42.51 2.71 0.00	56.12 2.93 -9.27	50.75 3.47 0.00	50.63 3.40 0.00	54.84 3.53 0.00	66.05 4.25 0.00	82.14 5.44 0.00	78.80 5.25 0.00	79.58 5.77 -2.58	78.18 5.92 -0.69	74.20 5.47 -1.82	77.04 4.31 -16.36	75.68 4.35 -16.23	73.76 5.26 0.00	60.30 3.99 0.00
NYPA_KENT____GT 24152	190.01 2.23 -152.60	49.43 2.15 -13.66	49.89 2.21 -12.52	49.76 2.21 -12.71	49.23 2.05 -13.56	49.51 2.17 -13.45	54.48 3.18 -7.33	83.65 4.35 -18.72	56.03 3.68 -4.74	56.66 2.85 -14.02	61.36 3.12 -14.33	56.06 3.64 -5.13	55.90 3.59 -5.09	85.06 3.81 -29.94	72.48 4.56 -6.12	82.50 5.79 -0.01	150.80 5.66 -71.59	176.21 6.15 -98.84	121.80 6.34 -43.89	103.57 5.93 -30.73	108.87 4.73 -47.76	88.44 4.65 -28.68	74.09 5.59 0.00	62.25 4.24 -1.69
NYPA_POUCH1____GT 24155	289.31 2.23 -251.92	58.31 2.15 -22.55	58.05 2.22 -20.66	58.04 2.22 -20.98	58.05 2.05 -22.38	58.25 2.15 -22.20	59.25 3.18 -12.10	95.82 4.33 -30.90	59.12 3.69 -7.82	65.74 2.80 -23.15	59.29 3.04 -12.35	59.35 3.60 -8.47	59.17 3.54 -8.39	104.49 3.75 -49.42	76.30 4.40 -10.10	82.28 5.57 -0.02	195.64 5.60 -116.50	222.94 6.11 -145.61	149.99 6.41 -72.01	122.44 5.98 -49.55	129.34 4.76 -68.20	96.58 4.68 -36.79	74.08 5.58 0.00	63.40 4.29 -2.79
NYPA_VERNON____GT2 24162	90.63 2.17 -53.29	40.49 2.10 -4.78	41.68 2.15 -4.37	41.44 2.16 -4.44	40.36 2.00 -4.73	40.71 2.12 -4.69	49.62 3.09 -2.56	71.37 4.25 -6.53	52.87 3.61 -1.66	47.49 2.81 -4.90	58.01 3.07 -11.04	52.65 3.57 -1.79	52.53 3.52 -1.78	65.50 3.74 -10.45	68.44 4.50 -2.14	82.42 5.73 0.00	104.18 5.55 -25.08	114.26 6.05 -36.98	93.50 6.16 -15.78	84.60 5.78 -11.92	88.31 4.61 -27.33	80.22 4.54 -20.58	73.96 5.46 0.00	61.02 4.11 -0.59
NYPA_VERNON____GT3 24163	90.63 2.17 -53.29	40.49 2.10 -4.78	41.68 2.15 -4.37	41.44 2.16 -4.44	40.36 2.00 -4.73	40.71 2.12 -4.69	49.62 3.09 -2.56	71.37 4.25 -6.53	52.87 3.61 -1.66	47.49 2.81 -4.90	58.01 3.07 -11.04	52.65 3.57 -1.79	52.53 3.52 -1.78	65.50 3.74 -10.45	68.44 4.50 -2.14	82.42 5.73 0.00	104.18 5.55 -25.08	114.26 6.05 -36.98	93.50 6.16 -15.78	84.60 5.78 -11.92	88.31 4.61 -27.33	80.22 4.54 -20.58	73.96 5.46 0.00	61.02 4.11 -0.59
NYPA__ASTORIA_CC1 323568	37.31 2.14 0.00	35.69 2.07 -0.01	37.28 2.11 -0.01	36.97 2.13 0.00	35.60 1.98 0.00	35.97 2.08 0.00	46.99 3.01 0.00	64.72 4.14 0.00	51.14 3.52 0.00	42.52 2.72 0.00	56.16 2.98 -9.27	50.78 3.50 0.00	50.67 3.44 0.00	54.94 3.63 0.00	66.18 4.38 0.00	82.26 5.57 0.00	78.95 5.40 0.00	79.73 5.92 -2.58	78.27 6.02 -0.69	74.39 5.66 -1.82	77.26 4.53 -16.36	75.78 4.44 -16.23	73.84 5.34 0.00	60.34 4.02 0.00
NYPA__ASTORIA_CC2 323569	37.31 2.14 0.00	35.69 2.07 -0.01	37.28 2.11 -0.01	36.97 2.13 0.00	35.60 1.98 0.00	35.97 2.08 0.00	46.99 3.01 0.00	64.72 4.14 0.00	51.14 3.52 0.00	42.52 2.72 0.00	56.16 2.98 -9.27	50.78 3.50 0.00	50.67 3.44 0.00	54.94 3.63 0.00	66.18 4.38 0.00	82.26 5.57 0.00	78.95 5.40 0.00	79.73 5.92 -2.58	78.27 6.02 -0.69	74.39 5.66 -1.82	77.26 4.53 -16.36	75.78 4.44 -16.23	73.84 5.34 0.00	60.34 4.02 0.00
NYPA__HOLTSVILL 23794	37.79 2.62 0.00	35.94 2.33 0.00	37.62 2.46 0.00	37.29 2.46 0.00	35.93 2.31 0.00	36.48 2.59 0.00	51.21 3.84 -3.39	65.30 4.72 0.00	51.53 3.91 0.00	43.01 3.22 0.00	61.39 3.82 -13.66	63.73 4.26 -12.18	62.94 4.44 -11.26	55.61 4.29 -0.01	66.74 4.94 0.00	83.17 6.47 0.00	79.33 5.79 0.00	80.58 6.77 -2.59	81.33 6.90 -2.87	75.60 6.36 -2.34	77.92 5.18 -16.37	76.34 5.00 -16.24	77.25 6.36 -2.39	61.15 4.83 0.00
NYPA__HELLGATE_GT1 24158	37.15 1.98 0.00	35.60 1.98 -0.01	37.17 2.00 -0.01	36.88 2.05 0.00	35.48 1.85 0.00	35.84 1.95 0.00	46.90 2.92 0.00	64.68 4.10 0.00	51.10 3.49 0.00	42.51 2.71 0.00	56.12 2.93 -9.27	50.75 3.47 0.00	50.63 3.40 0.00	54.84 3.53 0.00	66.05 4.25 0.00	82.14 5.44 0.00	78.85 5.30 0.00	79.63 5.81 -2.58	78.18 5.92 -0.69	74.19 5.46 -1.82	77.04 4.31 -16.36	75.68 4.35 -16.23	73.76 5.26 0.00	60.30 3.99 0.00
NYPA__HELLGATE_GT2 24159	37.15 1.98 0.00	35.60 1.98 -0.01	37.17 2.00 -0.01	36.88 2.05 0.00	35.48 1.85 0.00	35.84 1.95 0.00	46.90 2.92 0.00	64.68 4.10 0.00	51.10 3.49 0.00	42.51 2.71 0.00	56.12 2.93 -9.27	50.75 3.47 0.00	50.63 3.40 0.00	54.84 3.53 0.00	66.05 4.25 0.00	82.14 5.44 0.00	78.85 5.30 0.00	79.63 5.81 -2.58	78.18 5.92 -0.69	74.19 5.46 -1.82	77.04 4.31 -16.36	75.68 4.35 -16.23	73.76 5.26 0.00	60.30 3.99 0.00
NYS_BARGE__HYD 23848	25.29 -4.69 5.19	20.42 -4.48 8.71	20.89 -4.79 9.49	20.66 -4.81 9.36	21.43 -4.52 7.68	20.13 -4.33 9.42	28.00 -5.38 10.60	40.32 -7.48 12.78	40.29 -6.65 0.67	30.60 -4.52 4.67	32.21 -5.06 6.65	30.63 -5.58 11.07	29.03 -5.56 12.63	30.71 -6.15 14.45	39.60 -7.39 14.81	50.05 -9.30 17.35	47.71 -8.79 17.04	46.50 -8.28 16.45	46.66 -8.60 16.31	42.12 -8.73 16.06	36.26 -7.36 12.75	35.20 -7.35 12.56	48.67 -7.37 12.46	42.42 -5.35 8.55

OAK ORCHARD___HYD 24046	32.35 -2.82 0.00	30.90 -2.73 -0.01	32.27 -2.91 -0.02	31.93 -2.92 -0.02	30.92 -2.73 -0.02	31.31 -2.61 -0.02	40.79 -3.21 -0.02	55.67 -4.33 0.58	43.11 -3.59 0.92	37.24 -2.55 0.00	41.07 -2.84 0.00	44.11 -3.18 0.00	44.05 -3.18 0.00	47.87 -3.45 -0.01	57.67 -4.13 -0.01	71.56 -5.15 -0.01	68.64 -4.91 -0.01	66.72 -4.52 -0.01	66.98 -4.68 -0.09	62.37 -4.77 -0.24	52.29 -4.15 -0.07	51.01 -4.19 -0.09	64.07 -4.45 -0.03	53.01 -3.33 -0.02
OAKDALE___35_KV_LOAD 356122	34.43 -0.74 0.00	32.94 -0.68 0.00	34.50 -0.67 0.00	34.16 -0.68 0.00	32.98 -0.64 0.00	33.36 -0.53 0.00	43.29 -0.68 0.00	59.57 -1.13 -0.11	47.07 -0.76 -0.22	39.15 -0.64 0.00	42.36 -0.67 0.88	46.50 -0.78 0.00	46.57 -0.66 0.00	50.58 -0.74 0.00	60.85 -0.95 0.00	75.61 -1.08 0.00	72.36 -1.19 0.00	71.48 -0.72 -0.98	71.08 -0.71 -0.22	66.81 -0.69 -0.59	61.71 -0.82 -6.16	60.50 -0.70 -6.10	67.62 -0.88 0.00	55.53 -0.79 0.00
OCC_CHEM___DRP 24175	24.10 -5.37 5.69	18.87 -5.14 9.61	19.07 -5.51 10.58	18.88 -5.52 10.43	19.90 -5.17 8.55	18.34 -5.05 10.50	25.95 -6.26 11.76	38.03 -8.75 13.80	39.54 -7.45 0.63	29.26 -5.46 5.08	30.48 -6.20 7.22	28.31 -6.93 12.04	26.64 -6.84 13.74	27.99 -7.61 15.72	36.55 -9.14 16.11	46.38 -11.45 18.87	44.02 -10.94 18.58	42.90 -10.37 17.96	43.08 -10.70 17.79	38.93 -10.45 17.53	33.44 -8.89 14.05	32.57 -8.68 13.85	45.73 -8.87 13.89	40.27 -6.52 9.53
OH_GEN_PROXY 24063	25.47 -4.94 4.75	20.81 -4.77 8.03	21.22 -5.08 8.87	20.99 -5.09 8.75	21.65 -4.80 7.17	20.42 -4.67 8.81	28.28 -5.85 9.85	40.86 -8.12 11.60	40.21 -6.78 0.63	30.62 -4.95 4.23	32.36 -5.54 6.01	31.11 -6.15 10.03	29.67 -6.12 11.44	31.51 -6.72 13.09	40.27 -8.12 13.41	50.83 -10.16 15.71	47.02 -9.76 16.76	47.05 -9.28 14.89	47.23 -9.54 14.80	42.85 -9.50 14.55	37.00 -8.08 11.29	35.89 -7.95 11.26	48.55 -8.31 11.65	42.21 -6.12 7.99
OLIN_CORP_DRP 24177	24.21 -5.25 5.71	19.00 -5.05 9.57	19.37 -5.42 10.37	19.18 -5.42 10.23	20.15 -5.08 8.39	18.62 -4.97 10.30	26.31 -6.15 11.52	38.13 -8.51 13.94	39.56 -7.44 0.62	29.38 -5.26 5.15	30.65 -5.93 7.32	28.47 -6.62 12.20	26.72 -6.59 13.92	28.13 -7.26 15.92	36.76 -8.73 16.32	46.69 -10.86 19.14	44.31 -10.40 18.83	43.10 -9.93 18.20	43.29 -10.25 18.03	38.96 -10.19 17.76	33.43 -8.69 14.25	32.57 -8.54 14.00	46.21 -8.67 13.62	40.72 -6.25 9.35
OLIN_CORP_DSASP 323712	24.08 -5.39 5.69	18.83 -5.17 9.61	19.08 -5.51 10.58	18.88 -5.53 10.43	19.86 -5.21 8.55	18.32 -5.06 10.50	26.01 -6.20 11.76	37.99 -8.80 13.80	39.53 -7.46 0.63	29.21 -5.50 5.08	30.49 -6.19 7.22	28.35 -6.89 12.04	26.64 -6.85 13.74	28.06 -7.53 15.72	36.60 -9.09 16.11	46.50 -11.33 18.87	44.12 -10.84 18.58	42.90 -10.37 17.96	43.15 -10.63 17.79	38.94 -10.43 17.53	33.47 -8.85 14.05	32.61 -8.65 13.85	45.81 -8.80 13.89	40.34 -6.45 9.53
ONEIDA_HERK_LFGE 323681	35.04 -0.13 0.00	33.48 -0.13 0.00	35.00 -0.16 0.00	34.71 -0.13 0.00	33.56 -0.06 0.00	33.90 0.01 0.00	44.13 0.15 0.00	60.93 0.35 0.00	47.87 0.25 0.00	39.95 0.16 0.00	44.09 0.18 0.00	47.61 0.33 0.00	47.35 0.12 0.00	51.37 0.05 0.00	62.00 0.20 0.00	77.16 0.47 0.00	74.17 0.62 0.00	72.04 0.82 0.00	72.27 0.68 -0.02	67.53 0.57 -0.06	56.78 0.40 -0.02	55.39 0.26 -0.02	68.64 0.14 0.00	56.33 0.01 0.00
ONEIDA___115KV_TB4 55905	35.57 0.40 0.00	34.06 0.45 0.00	35.63 0.47 0.00	35.32 0.48 0.00	34.16 0.53 0.00	34.52 0.63 0.00	44.93 0.95 0.00	61.92 1.34 0.00	48.71 1.10 0.00	40.66 0.87 0.00	44.96 1.05 0.00	48.65 1.36 0.00	48.43 1.21 0.00	52.52 1.21 0.00	63.35 1.55 0.00	78.76 2.06 0.00	75.49 1.94 0.00	73.13 1.91 0.00	73.46 1.86 -0.04	68.70 1.68 -0.11	57.69 1.29 -0.03	56.34 1.20 -0.04	69.80 1.30 0.00	57.24 0.92 0.00
ONONDAGA_REF_OCCRA 23987	34.46 -0.71 0.00	32.95 -0.66 0.00	34.47 -0.69 0.00	34.15 -0.69 0.00	32.99 -0.64 0.00	33.31 -0.58 0.00	43.18 -0.80 0.00	59.53 -1.14 -0.08	46.92 -0.83 -0.13	39.11 -0.68 0.00	43.19 -0.71 0.00	46.48 -0.81 0.00	46.47 -0.75 0.00	50.52 -0.80 0.00	60.81 -0.99 0.00	75.57 -1.12 0.00	72.44 -1.11 0.00	70.49 -0.73 0.00	70.90 -0.75 -0.08	66.34 -0.77 -0.20	55.65 -0.78 -0.06	54.39 -0.79 -0.07	67.46 -1.04 0.00	55.39 -0.93 0.00
ONONDAGA___COGEN 23986	34.41 -0.75 0.00	32.92 -0.69 0.00	34.43 -0.73 0.00	34.11 -0.73 0.00	32.95 -0.68 0.00	33.26 -0.63 0.00	43.10 -0.88 0.00	59.49 -1.26 -0.17	46.94 -0.93 -0.26	39.01 -0.78 0.00	43.07 -0.84 0.00	46.34 -0.95 0.00	46.35 -0.88 0.00	50.39 -0.93 0.00	60.66 -1.15 0.00	75.36 -1.34 0.00	72.27 -1.27 0.00	70.33 -0.90 0.00	70.76 -0.88 -0.07	66.22 -0.88 -0.19	55.58 -0.85 -0.05	54.28 -0.89 -0.07	67.33 -1.17 0.00	55.29 -1.03 0.00
ONTARIO___LFGE 23819	37.61 -1.70 -4.14	38.97 -1.63 -6.99	41.14 -1.71 -7.69	40.70 -1.73 -7.59	38.25 -1.60 -6.22	40.16 -1.37 -7.64	50.81 -1.69 -8.52	71.22 -2.41 -13.05	51.63 -1.34 -5.35	42.09 -1.39 -3.68	47.56 -1.59 -5.24	54.18 -1.85 -8.74	55.58 -1.62 -9.98	60.87 -1.85 -11.41	71.27 -2.23 -11.69	87.73 -2.68 -13.71	84.37 -2.70 -13.52	82.91 -2.07 -13.76	82.57 -2.13 -13.12	78.08 -2.06 -13.23	69.04 -1.97 -14.64	67.61 -1.96 -14.47	76.09 -2.52 -10.11	61.29 -1.96 -6.93
ORANGEVILLE_WT_PWR 323706	6.67 -4.46 24.04	-11.14 -4.20 40.55	-13.85 -4.39 44.62	-13.56 -4.38 44.02	-6.69 -4.23 36.08	-14.33 -3.91 44.32	-10.54 -5.10 49.42	-2.78 -7.43 55.93	39.77 -7.26 0.58	14.07 -4.32 21.40	8.82 -4.66 30.43	-8.56 -5.10 50.74	-15.62 -4.95 57.90	-20.30 -5.39 66.22	-12.74 -6.67 67.87	-11.09 -8.23 79.55	-12.76 -7.85 78.45	-13.04 -7.21 77.06	-11.42 -7.56 75.43	-15.43 -7.46 74.87	-17.29 -6.41 67.25	-17.52 -6.24 66.39	2.78 -7.11 58.61	10.40 -5.70 40.22
ORANGEVILLE___ESR 323794	6.67 -4.46 24.04	-11.14 -4.20 40.55	-13.85 -4.39 44.62	-13.56 -4.38 44.02	-6.69 -4.23 36.08	-14.33 -3.91 44.32	-10.54 -5.10 49.42	-2.78 -7.43 55.93	39.77 -7.26 0.58	14.07 -4.32 21.40	8.82 -4.66 30.43	-8.56 -5.10 50.74	-15.62 -4.95 57.90	-20.30 -5.39 66.22	-12.74 -6.67 67.87	-11.09 -8.23 79.55	-12.76 -7.85 78.45	-13.04 -7.21 77.06	-11.42 -7.56 75.43	-15.43 -7.46 74.87	-17.29 -6.41 67.25	-17.52 -6.24 66.39	2.78 -7.11 58.61	10.40 -5.70 40.22
OSWEGATCHIE___HYD 24044	33.96 -1.21 0.00	32.31 -1.30 0.00	33.75 -1.41 0.00	33.46 -1.38 0.00	32.33 -1.29 0.00	32.51 -1.38 0.00	42.22 -1.76 0.00	58.44 -2.15 0.00	45.84 -1.77 0.00	38.45 -1.35 0.00	42.20 -1.71 0.00	45.37 -1.92 0.00	44.92 -2.31 0.00	48.75 -2.57 0.00	58.97 -2.83 0.00	73.18 -3.52 0.00	70.60 -2.95 0.00	68.35 -2.88 0.00	68.53 -3.06 -0.02	63.90 -3.06 -0.05	53.75 -2.63 -0.01	52.27 -2.85 -0.02	64.97 -3.53 0.00	53.73 -2.59 0.00
OSWEGO___5 23606	33.92 -1.25 0.00	32.44 -1.18 0.00	33.93 -1.24 0.00	33.59 -1.24 0.00	32.46 -1.17 0.00	32.71 -1.18 0.00	42.35 -1.63 0.00	58.31 -2.28 0.00	45.85 -1.77 0.00	38.34 -1.46 0.00	42.33 -1.58 0.00	45.56 -1.73 0.00	45.52 -1.71 0.00	49.46 -1.86 0.00	59.57 -2.24 0.00	73.96 -2.73 0.00	70.93 -2.62 0.00	68.89 -2.33 0.00	69.27 -2.35 -0.05	64.79 -2.25 -0.13	54.44 -1.97 -0.04	53.21 -1.95 -0.05	66.09 -2.41 0.00	54.33 -1.99 0.00

OSWEGO___6 23613	33.92 -1.25 0.00	32.44 -1.18 0.00	33.93 -1.24 0.00	33.59 -1.24 0.00	32.46 -1.17 0.00	32.71 -1.18 0.00	42.35 -1.63 0.00	58.31 -2.28 0.00	45.85 -1.77 0.00	38.34 -1.46 0.00	42.33 -1.58 0.00	45.56 -1.73 0.00	45.52 -1.71 0.00	49.46 -1.86 0.00	59.57 -2.24 0.00	73.96 -2.73 0.00	70.93 -2.62 0.00	68.89 -2.33 0.00	69.27 -2.35 -0.05	64.79 -2.25 -0.13	54.44 -1.97 -0.04	53.21 -1.95 -0.05	66.09 -2.41 0.00	54.33 -1.99 0.00
OUTOKUMPU-AB___DRP 24206	24.53 -4.56 6.07	19.00 -4.39 10.23	19.23 -4.72 11.22	19.04 -4.73 11.06	20.15 -4.41 9.07	18.52 -4.24 11.14	26.31 -5.19 12.48	38.68 -7.21 14.70	40.74 -6.26 0.61	30.03 -4.33 5.43	31.29 -4.89 7.72	28.91 -5.50 12.88	27.06 -5.47 14.69	28.42 -6.09 16.80	37.30 -7.27 17.22	47.46 -9.06 20.18	45.02 -8.66 19.86	43.88 -8.14 19.21	44.11 -8.44 19.02	39.75 -8.41 18.75	33.97 -7.25 15.15	33.09 -7.10 14.92	46.67 -7.10 14.73	41.07 -5.14 10.11
OXBOW___BTM 323836	24.38 -4.91 5.89	18.98 -4.71 9.92	19.24 -5.02 10.90	19.04 -5.04 10.76	20.07 -4.74 8.82	18.51 -4.56 10.83	26.28 -5.57 12.13	38.47 -7.86 14.26	40.26 -6.74 0.62	29.73 -4.81 5.26	31.03 -5.40 7.48	28.81 -6.01 12.47	27.01 -5.99 14.22	28.44 -6.61 16.27	37.15 -7.97 16.67	47.23 -9.93 19.53	44.84 -9.47 19.23	43.64 -9.00 18.59	43.89 -9.26 18.41	39.55 -9.21 18.15	33.93 -7.84 14.61	33.02 -7.69 14.39	46.43 -7.75 14.32	40.86 -5.63 9.83
OXBOW____ 24026	24.38 -4.91 5.89	18.98 -4.71 9.92	19.20 -5.06 10.90	19.01 -5.07 10.76	20.07 -4.74 8.82	18.48 -4.59 10.83	26.21 -5.64 12.13	38.48 -7.85 14.26	40.25 -6.74 0.62	29.74 -4.80 5.26	30.98 -5.45 7.48	28.71 -6.11 12.47	26.96 -6.04 14.22	28.31 -6.74 16.27	37.05 -8.08 16.67	47.09 -10.07 19.53	44.69 -9.63 19.23	43.56 -9.07 18.59	43.77 -9.39 18.41	39.48 -9.27 18.15	33.83 -7.93 14.61	32.94 -7.77 14.39	46.34 -7.84 14.32	40.78 -5.71 9.83
OXY_CHEM_DSASP 323612	24.10 -5.37 5.69	18.87 -5.14 9.61	19.07 -5.51 10.58	18.88 -5.52 10.43	19.90 -5.17 8.55	18.34 -5.05 10.50	25.95 -6.26 11.76	38.03 -8.75 13.80	39.54 -7.45 0.63	29.26 -5.46 5.08	30.48 -6.20 7.22	28.31 -6.93 12.04	26.64 -6.84 13.74	27.99 -7.61 15.72	36.55 -9.14 16.11	46.38 -11.45 18.87	44.02 -10.94 18.58	42.90 -10.37 17.96	43.08 -10.70 17.79	38.93 -10.45 17.53	33.44 -8.89 14.05	32.57 -8.68 13.85	45.73 -8.87 13.89	40.27 -6.52 9.53
OZONE_PARK_ESR 323760	37.50 2.33 0.00	35.84 2.23 0.00	37.47 2.31 0.00	37.13 2.30 0.00	35.76 2.14 0.00	36.19 2.30 0.00	47.37 3.39 0.00	65.24 4.66 0.00	51.54 3.93 0.00	42.86 3.06 0.00	56.57 3.38 -9.28	51.19 3.90 0.00	51.09 3.86 0.00	55.44 4.12 0.00	66.79 4.99 0.00	83.06 6.36 0.00	79.75 6.20 0.00	80.56 6.75 -2.58	79.05 6.79 -0.69	75.13 6.41 -1.82	77.85 5.13 -16.36	76.33 5.00 -16.23	74.51 6.01 0.00	60.82 4.50 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	24.10 -5.37 5.69	18.87 -5.14 9.61	19.07 -5.51 10.58	18.88 -5.52 10.43	19.90 -5.17 8.55	18.34 -5.05 10.50	25.95 -6.26 11.76	38.03 -8.75 13.80	39.54 -7.45 0.63	29.26 -5.46 5.08	30.48 -6.20 7.22	28.31 -6.93 12.04	26.64 -6.84 13.74	27.99 -7.61 15.72	36.55 -9.14 16.11	46.38 -11.45 18.87	44.02 -10.94 18.58	42.90 -10.37 17.96	43.08 -10.70 17.79	38.93 -10.45 17.53	33.44 -8.89 14.05	32.57 -8.68 13.85	45.73 -8.87 13.89	40.27 -6.52 9.53
PACKARD___115KV_DUPONT_184 80571	24.10 -5.37 5.69	18.87 -5.14 9.61	19.07 -5.51 10.58	18.88 -5.52 10.43	19.90 -5.17 8.55	18.34 -5.05 10.50	25.95 -6.26 11.76	38.03 -8.75 13.80	39.54 -7.45 0.63	29.26 -5.46 5.08	30.48 -6.20 7.22	28.31 -6.93 12.04	26.64 -6.84 13.74	27.99 -7.61 15.72	36.55 -9.14 16.11	46.38 -11.45 18.87	44.02 -10.94 18.58	42.90 -10.37 17.96	43.08 -10.70 17.79	38.93 -10.45 17.53	33.44 -8.89 14.05	32.57 -8.68 13.85	45.73 -8.87 13.89	40.27 -6.52 9.53
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	37.15 1.99 0.00	35.58 1.96 -0.01	37.20 2.03 -0.01	36.88 2.04 0.00	35.47 1.85 0.00	35.85 1.96 0.00	46.90 2.93 0.00	64.67 4.09 0.00	51.09 3.48 0.00	42.49 2.70 0.00	56.12 2.94 -9.27	50.75 3.47 0.00	50.63 3.40 0.00	54.86 3.55 0.00	66.07 4.27 0.00	82.17 5.47 0.00	78.90 5.36 0.00	79.70 5.89 -2.58	78.31 6.05 -0.69	74.33 5.60 -1.82	77.19 4.46 -16.36	75.79 4.46 -16.23	73.83 5.33 0.00	60.36 4.05 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	37.18 2.01 0.00	35.60 1.98 -0.01	37.21 2.04 -0.01	36.88 2.04 0.00	35.48 1.85 0.00	35.85 1.96 0.00	46.91 2.93 0.00	64.77 4.19 0.00	51.09 3.48 0.00	42.51 2.71 0.00	56.14 2.96 -9.27	50.92 3.64 0.00	50.66 3.43 0.00	54.87 3.56 0.00	66.10 4.29 0.00	82.17 5.48 0.00	78.91 5.36 0.00	79.73 5.92 -2.58	78.49 6.24 -0.69	74.47 5.74 -1.82	77.29 4.56 -16.36	75.90 4.57 -16.23	73.91 5.41 0.00	60.48 4.17 0.00
PATROON___115KV_TB1 80586	36.92 1.75 0.00	35.29 1.68 0.00	36.92 1.76 0.00	36.58 1.74 0.00	35.28 1.65 0.00	35.51 1.61 0.00	46.10 2.12 0.00	63.44 2.85 0.00	49.89 2.27 0.00	41.50 1.71 0.00	47.82 1.92 -1.99	49.48 2.19 0.00	49.49 2.26 0.00	53.78 2.46 0.00	64.84 3.04 0.00	80.56 3.87 0.00	77.19 3.64 0.00	83.16 3.85 -8.08	76.25 3.78 -0.90	73.05 3.75 -2.40	109.76 3.15 -50.24	107.79 3.09 -49.59	72.18 3.68 0.00	59.03 2.71 0.00
PATTRSNVILLE___SOLAR 323815	36.38 1.21 0.00	34.76 1.15 0.00	36.37 1.20 0.00	36.04 1.20 0.00	34.78 1.15 0.00	35.06 1.17 0.00	45.60 1.62 0.00	62.84 2.25 0.00	49.31 1.69 0.00	40.82 1.03 0.00	46.74 1.11 -1.71	48.83 1.55 0.00	48.92 1.69 0.00	53.13 1.81 0.00	63.82 2.02 0.00	79.50 2.81 0.00	76.36 2.81 0.00	85.77 2.96 -11.58	75.42 2.90 -0.95	72.24 2.82 -2.51	130.41 2.32 -71.72	128.07 2.24 -70.73	71.18 2.68 0.00	58.36 2.04 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	25.47 -3.43 6.28	19.75 -3.29 10.57	20.05 -3.54 11.58	19.84 -3.57 11.42	20.95 -3.32 9.36	19.26 -3.14 11.50	27.24 -3.88 12.86	40.11 -5.43 15.05	42.37 -4.75 0.49	31.09 -3.09 5.61	32.52 -3.41 7.98	30.15 -3.84 13.30	28.26 -3.79 15.18	29.76 -4.19 17.36	38.98 -5.03 17.79	49.52 -6.32 20.86	46.74 -6.26 20.54	45.59 -5.80 19.84	45.87 -6.04 19.66	41.43 -6.10 19.37	35.48 -5.41 15.48	34.68 -5.20 15.23	48.12 -5.17 15.20	42.22 -3.67 10.43
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	37.47 2.30 0.00	35.80 2.19 0.00	37.43 2.27 0.00	37.10 2.27 0.00	35.78 2.16 0.00	36.22 2.33 0.00	47.37 3.40 0.00	65.24 4.66 0.00	51.47 3.85 0.00	42.79 2.99 0.00	51.38 3.27 -4.20	51.03 3.74 0.00	50.88 3.65 0.00	55.21 3.89 0.00	66.63 4.83 0.00	82.91 6.21 0.00	79.66 6.11 0.00	80.55 6.67 -2.66	78.98 6.71 -0.70	75.12 6.36 -1.85	78.35 5.13 -16.85	76.79 4.97 -16.71	74.47 5.97 0.00	60.84 4.52 0.00
PEEKSKILL____ 23653	36.95 1.77 0.00	35.32 1.70 0.00	36.92 1.76 0.00	36.61 1.77 0.00	35.29 1.66 0.00	35.71 1.82 0.00	46.68 2.70 0.00	64.25 3.68 0.00	50.70 3.09 0.00	42.14 2.35 0.00	56.32 2.55 -9.87	50.25 2.96 0.00	50.16 2.93 0.00	54.42 3.11 0.00	65.60 3.80 0.00	81.62 4.93 0.00	78.36 4.82 0.00	79.07 5.31 -2.53	77.60 5.36 -0.67	73.76 5.07 -1.78	76.46 4.08 -16.01	74.97 3.98 -15.88	73.28 4.78 0.00	59.90 3.59 0.00

PGE MADISON___WINDPWR 24146	35.37 0.21 0.00	33.90 0.29 0.00	35.63 0.46 0.00	35.21 0.38 0.00	33.91 0.29 0.00	34.44 0.55 0.00	45.43 1.46 0.00	65.65 4.99 -0.08	51.89 4.12 -0.15	43.09 3.30 0.00	46.18 3.28 1.01	48.63 1.35 0.00	48.14 0.91 0.00	52.12 0.81 0.00	63.04 1.24 0.00	78.21 1.51 0.00	75.53 1.98 0.00	75.44 3.03 -1.18	75.05 3.27 -0.22	70.28 2.80 -0.57	65.54 1.76 -7.41	63.90 1.47 -7.33	70.08 1.58 0.00	57.36 1.04 0.00
PIERCEFIELD___HYD 23852	34.72 -0.45 0.00	33.06 -0.55 0.00	34.56 -0.60 0.00	34.25 -0.58 0.00	33.04 -0.59 0.00	33.16 -0.73 0.00	42.96 -1.02 0.00	59.44 -1.14 0.00	46.71 -0.91 0.00	39.24 -0.56 0.00	43.08 -0.83 0.00	46.15 -1.14 0.00	45.76 -1.47 0.00	49.79 -1.53 0.00	60.10 -1.71 0.00	74.10 -2.60 0.00	71.42 -2.13 0.00	68.69 -2.54 0.00	69.02 -2.55 0.00	64.26 -2.65 0.00	54.17 -2.20 0.00	52.65 -2.46 0.00	65.68 -2.82 0.00	54.66 -1.66 0.00
PINELAWN_CC_1 323563	37.78 2.61 0.00	35.97 2.37 0.00	37.64 2.47 0.00	37.31 2.48 0.00	35.97 2.34 0.00	36.52 2.63 0.00	51.61 3.90 -3.74	65.56 4.98 0.00	51.76 4.15 0.00	43.14 3.34 0.00	61.83 3.80 -14.12	65.06 4.33 -13.45	64.03 4.36 -12.44	55.73 4.41 -0.01	67.09 5.29 0.00	83.48 6.78 0.00	79.74 6.19 0.00	80.89 7.08 -2.59	81.83 7.17 -3.10	75.94 6.63 -2.39	78.15 5.41 -16.37	76.59 5.24 -16.24	77.76 6.62 -2.64	61.34 5.02 0.00
PJM_GEN_HTP_PROXY 323702	37.16 1.99 0.00	35.52 1.91 0.00	37.11 1.95 0.00	36.82 1.98 0.00	35.46 1.84 0.00	40.24 1.99 -4.36	46.92 2.94 0.00	64.57 3.99 0.00	48.58 3.39 2.43	42.42 2.63 0.00	56.09 2.89 -9.29	50.63 3.34 0.00	50.55 3.32 0.00	54.84 3.53 0.00	66.07 4.27 0.00	82.17 5.48 0.00	78.86 5.31 0.00	79.63 5.82 -2.58	90.10 5.86 -12.67	75.59 5.54 -3.15	77.14 4.42 -16.36	75.65 4.32 -16.22	73.70 5.20 0.00	60.19 3.87 0.00
PJM_GEN_KEystone 24065	31.70 -0.76 2.71	22.34 -0.69 10.59	20.91 -0.72 13.54	26.24 -0.74 7.86	20.44 -0.70 12.47	37.70 -0.55 -4.36	43.41 -0.57 0.00	59.56 -0.96 0.06	42.06 -0.69 4.87	25.47 -0.54 13.78	7.22 -0.58 36.11	10.63 -0.50 36.16	10.84 -0.47 35.92	22.79 -0.60 27.93	18.97 -0.72 42.11	47.16 -0.85 28.68	72.64 -0.91 0.00	76.47 -0.37 -5.62	143.46 -0.37 -72.26	66.44 -0.49 -0.02	-22.37 -0.63 78.11	13.27 -0.48 41.36	8.76 -0.35 59.39	11.30 -0.29 44.73
PJM_GEN_NEPTUNE_PROXY 323594	37.38 2.21 0.00	35.62 2.01 0.00	37.27 2.10 0.00	36.96 2.12 0.00	35.62 2.00 0.00	40.50 2.24 -4.36	50.47 3.34 -3.15	64.83 4.25 0.00	48.77 3.59 2.43	42.65 2.86 0.00	60.50 3.23 -13.36	62.32 3.69 -11.35	61.48 3.75 -10.49	55.14 3.82 -0.01	66.35 4.54 0.00	82.50 5.81 0.00	78.84 5.29 0.00	79.91 6.10 -2.59	92.43 6.16 -14.71	76.32 5.78 -3.63	77.47 4.73 -16.37	75.92 4.58 -16.24	76.43 5.70 -2.23	60.57 4.25 0.00
PJM_GEN_VFT_PROXY 323633	36.94 1.77 0.00	35.33 1.72 0.00	36.91 1.75 0.00	36.58 1.74 0.00	35.25 1.62 0.00	40.02 1.77 -4.36	46.64 2.66 0.00	64.21 3.63 0.00	48.30 3.12 2.43	41.10 2.34 1.04	50.26 2.59 -3.76	50.32 3.04 0.00	50.24 3.01 0.00	54.51 3.19 0.00	65.69 3.89 0.00	81.70 5.00 0.00	78.43 4.88 0.00	79.23 5.42 -2.58	89.71 5.47 -12.67	75.22 5.16 -3.15	76.80 4.07 -16.36	75.33 4.00 -16.23	73.26 4.76 0.00	59.83 3.51 0.00
PLATSBURG_115KV_PMLD1 355749	34.60 -0.57 0.00	32.96 -0.65 0.00	34.53 -0.63 0.00	24.01 -0.67 10.15	-15.97 -0.74 48.85	-21.72 -0.79 54.82	-27.53 -0.93 70.58	-29.32 -1.03 88.88	-27.94 -0.74 74.81	-27.23 -0.47 66.55	-27.55 -0.54 70.92	-27.80 -0.70 74.38	-27.80 -0.83 74.20	-28.23 -0.87 78.67	-13.83 -0.94 74.70	-21.98 -1.58 97.10	-30.35 -1.37 102.53	-29.95 -1.74 99.43	-30.06 -1.74 99.89	-29.53 -1.80 94.64	-13.58 -1.45 68.50	-28.46 -1.69 81.88	-29.77 -1.88 96.39	-1.07 -1.08 56.31
PLEASANTVLY___LBMP 24000	36.98 1.81 0.00	35.35 1.74 0.00	36.98 1.81 0.00	36.66 1.82 0.00	35.34 1.72 0.00	35.73 1.84 0.00	46.64 2.67 0.00	64.17 3.59 0.00	50.61 2.99 0.00	42.05 2.26 0.00	52.78 2.48 -6.40	50.16 2.87 0.00	50.08 2.85 0.00	54.34 3.03 0.00	65.50 3.70 0.00	81.48 4.79 0.00	78.18 4.63 0.00	79.08 5.11 -2.74	77.41 5.12 -0.73	73.77 4.92 -1.94	77.73 3.98 -17.37	76.26 3.92 -17.23	73.20 4.70 0.00	59.86 3.54 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	37.15 1.99 0.00	35.52 1.91 0.00	37.15 1.99 0.00	36.84 2.00 0.00	35.51 1.88 0.00	35.91 2.02 0.00	46.94 2.96 0.00	64.57 3.99 0.00	50.95 3.34 0.00	42.37 2.58 0.00	55.12 2.83 -8.39	50.58 3.29 0.00	50.47 3.24 0.00	54.75 3.44 0.00	65.99 4.19 0.00	82.10 5.40 0.00	78.78 5.24 0.00	79.59 5.74 -2.63	78.03 5.76 -0.70	74.24 5.48 -1.85	77.41 4.40 -16.64	75.93 4.31 -16.51	73.72 5.22 0.00	60.25 3.93 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	37.15 1.99 0.00	35.52 1.91 0.00	37.15 1.99 0.00	36.84 2.00 0.00	35.51 1.88 0.00	35.91 2.02 0.00	46.94 2.96 0.00	64.57 3.99 0.00	50.95 3.34 0.00	42.37 2.58 0.00	55.12 2.83 -8.39	50.58 3.29 0.00	50.47 3.24 0.00	54.75 3.44 0.00	65.99 4.19 0.00	82.10 5.40 0.00	78.78 5.24 0.00	79.59 5.74 -2.63	78.03 5.76 -0.70	74.24 5.48 -1.85	77.41 4.40 -16.64	75.93 4.31 -16.51	73.72 5.22 0.00	60.25 3.93 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	37.33 2.16 0.00	35.66 2.05 0.00	37.30 2.14 0.00	36.99 2.15 0.00	35.69 2.06 0.00	36.10 2.21 0.00	47.16 3.18 0.00	64.93 4.35 0.00	51.19 3.57 0.00	42.55 2.77 0.00	49.60 2.98 -2.71	50.70 3.42 0.00	50.55 3.32 0.00	54.88 3.57 0.00	66.24 4.44 0.00	82.40 5.71 0.00	79.21 5.66 0.00	80.19 6.20 -2.77	78.49 6.21 -0.71	74.71 5.93 -1.87	78.66 4.79 -17.50	77.11 4.65 -17.35	74.26 5.76 0.00	60.67 4.35 0.00
POLETTI___ 23519	37.15 1.98 0.00	35.56 1.94 0.00	37.15 1.99 0.00	36.80 1.97 0.00	35.38 1.75 0.00	35.77 1.88 0.00	46.78 2.81 0.00	64.38 3.80 0.00	50.88 3.26 0.00	42.31 2.52 0.00	55.98 2.79 -9.28	50.54 3.26 0.00	50.45 3.22 0.00	54.74 3.42 0.00	65.95 4.14 0.00	82.00 5.30 0.00	78.71 5.17 0.00	79.51 5.70 -2.58	77.99 5.73 -0.69	74.14 5.41 -1.82	77.03 4.30 -16.36	75.53 4.20 -16.23	73.66 5.16 0.00	60.10 3.78 0.00
POMONA___ESR 323819	36.84 1.67 0.00	35.22 1.61 0.00	36.83 1.66 0.00	36.51 1.68 0.00	35.20 1.58 0.00	35.63 1.73 0.00	46.59 2.62 0.00	64.15 3.57 0.00	50.60 2.99 0.00	42.05 2.26 0.00	30.74 2.43 15.60	50.10 2.82 0.00	50.02 2.79 0.00	54.29 2.98 0.00	65.44 3.63 0.00	81.43 4.74 0.00	78.26 4.72 0.00	78.82 5.18 -2.41	77.44 5.23 -0.64	73.56 4.96 -1.70	75.63 3.98 -15.28	74.16 3.89 -15.16	73.13 4.64 0.00	59.81 3.50 0.00
PORT_JEFF_3 23555	37.90 2.73 0.00	36.04 2.43 0.00	37.72 2.55 0.00	37.38 2.55 0.00	36.03 2.40 0.00	36.57 2.68 0.00	51.34 3.98 -3.39	65.49 4.91 0.00	51.67 4.06 0.00	43.15 3.36 0.00	61.55 3.97 -13.67	63.93 4.44 -12.21	63.14 4.62 -11.29	55.81 4.49 -0.01	67.00 5.20 0.00	83.52 6.83 0.00	79.55 6.01 0.00	80.86 7.05 -2.59	81.61 7.17 -2.87	75.89 6.64 -2.34	78.20 5.46 -16.37	76.55 5.21 -16.24	77.59 6.70 -2.39	61.40 5.08 0.00

PORT_JEFF_4 23616	37.90 2.73 0.00	36.04 2.43 0.00	37.72 2.55 0.00	37.38 2.55 0.00	36.03 2.40 0.00	36.57 2.68 0.00	51.34 3.98 -3.39	65.49 4.91 0.00	51.67 4.06 0.00	43.15 3.36 0.00	61.55 3.97 -13.67	63.93 4.44 -12.21	63.14 4.62 -11.29	55.81 4.49 -0.01	67.00 5.20 0.00	83.52 6.83 0.00	79.55 6.01 0.00	80.86 7.05 -2.59	81.61 7.17 -2.87	75.89 6.64 -2.34	78.20 5.46 -16.37	76.55 5.21 -16.24	77.59 6.70 -2.39	61.40 5.08 0.00
PORT_JEFF_IC 23713	37.89 2.73 0.00	36.04 2.43 0.00	37.73 2.56 0.00	37.38 2.55 0.00	36.02 2.39 0.00	36.57 2.68 0.00	51.36 3.98 -3.40	65.47 4.89 0.00	51.67 4.06 0.00	42.77 3.37 0.39	61.60 4.01 -13.69	64.00 4.46 -12.25	63.19 4.64 -11.32	55.84 4.52 -0.01	67.05 5.25 0.00	83.58 6.88 0.00	79.48 5.93 0.00	80.88 7.07 -2.59	81.58 7.12 -2.88	75.90 6.65 -2.34	78.24 5.50 -16.37	76.55 5.21 -16.24	77.64 6.74 -2.40	61.42 5.10 0.00
PPL PILGRIM_ST_GT1 24216	38.02 2.85 0.00	36.18 2.57 0.00	37.86 2.70 0.00	37.53 2.70 0.00	36.17 2.54 0.00	36.75 2.86 0.00	51.63 4.20 -3.45	65.91 5.33 0.00	52.01 4.40 0.00	43.38 3.59 0.00	61.79 4.14 -13.74	64.34 4.65 -12.40	63.44 4.75 -11.47	56.07 4.74 -0.01	67.46 5.65 0.00	83.80 7.11 0.00	79.57 6.03 0.00	80.67 6.85 -2.59	81.46 6.98 -2.91	75.68 6.42 -2.35	77.99 5.25 -16.37	76.51 5.17 -16.24	77.67 6.74 -2.43	61.70 5.37 0.00
PPL PILGRIM_ST_GT2 24217	38.02 2.85 0.00	36.18 2.57 0.00	37.86 2.70 0.00	37.53 2.70 0.00	36.17 2.54 0.00	36.75 2.86 0.00	51.63 4.20 -3.45	65.91 5.33 0.00	52.01 4.40 0.00	43.38 3.59 0.00	61.79 4.14 -13.74	64.34 4.65 -12.40	63.44 4.75 -11.47	56.07 4.74 -0.01	67.46 5.65 0.00	83.80 7.11 0.00	79.57 6.03 0.00	80.67 6.85 -2.59	81.46 6.98 -2.91	75.68 6.42 -2.35	77.99 5.25 -16.37	76.51 5.17 -16.24	77.67 6.74 -2.43	61.70 5.37 0.00
PPL_SHRM_GT3 24213	37.83 2.66 0.00	35.91 2.31 0.00	37.63 2.46 0.00	37.24 2.41 0.00	35.91 2.28 0.00	36.34 2.45 0.00	51.05 3.68 -3.40	64.67 4.09 0.00	51.00 3.39 0.00	39.37 3.02 3.45	61.36 3.77 -13.68	63.69 4.18 -12.22	63.12 4.59 -11.30	55.56 4.24 -0.01	66.50 4.69 0.00	83.12 6.42 0.00	79.43 5.89 0.00	80.77 6.95 -2.59	81.56 7.12 -2.88	75.79 6.54 -2.34	78.06 5.32 -16.37	76.64 5.30 -16.24	77.55 6.65 -2.40	61.32 5.00 0.00
PPL_SHRM_GT4 24214	37.83 2.66 0.00	35.91 2.31 0.00	37.63 2.46 0.00	37.24 2.41 0.00	35.91 2.28 0.00	36.34 2.45 0.00	51.05 3.68 -3.40	64.67 4.09 0.00	51.00 3.39 0.00	39.37 3.02 3.45	61.36 3.77 -13.68	63.69 4.18 -12.22	63.12 4.59 -11.30	55.56 4.24 -0.01	66.50 4.69 0.00	83.12 6.42 0.00	79.43 5.89 0.00	80.77 6.95 -2.59	81.56 7.12 -2.88	75.79 6.54 -2.34	78.06 5.32 -16.37	76.64 5.30 -16.24	77.55 6.65 -2.40	61.32 5.00 0.00
PROJECT___ORANGE 1 24174	34.24 -0.93 0.00	32.76 -0.85 0.00	34.25 -0.91 0.00	33.93 -0.90 0.00	32.79 -0.84 0.00	33.09 -0.80 0.00	42.88 -1.10 0.00	59.03 -1.56 0.00	46.44 -1.17 0.00	38.83 -0.96 0.00	42.89 -1.02 0.00	46.14 -1.15 0.00	46.13 -1.10 0.00	50.15 -1.17 0.00	60.38 -1.42 0.00	75.02 -1.67 0.00	71.91 -1.63 0.00	69.94 -1.29 0.00	70.30 -1.33 -0.06	65.77 -1.31 -0.17	55.21 -1.21 -0.05	53.94 -1.23 -0.06	66.95 -1.55 0.00	55.00 -1.32 0.00
PROJECT___ORANGE 2 24166	34.24 -0.93 0.00	32.76 -0.85 0.00	34.25 -0.91 0.00	33.93 -0.90 0.00	32.79 -0.84 0.00	33.09 -0.80 0.00	42.88 -1.10 0.00	59.03 -1.56 0.00	46.44 -1.17 0.00	38.83 -0.96 0.00	42.89 -1.02 0.00	46.14 -1.15 0.00	46.13 -1.10 0.00	50.15 -1.17 0.00	60.38 -1.42 0.00	75.02 -1.67 0.00	71.91 -1.63 0.00	69.94 -1.29 0.00	70.30 -1.33 -0.06	65.77 -1.31 -0.17	55.21 -1.21 -0.05	53.94 -1.23 -0.06	66.95 -1.55 0.00	55.00 -1.32 0.00
PUCKETT___SOLAR 323809	34.66 -0.51 0.00	33.16 -0.45 0.00	34.78 -0.39 0.00	34.43 -0.41 0.00	33.24 -0.38 0.00	33.63 -0.26 0.00	43.80 -0.17 0.00	60.71 0.03 -0.10	47.95 0.14 -0.19	39.87 0.08 0.00	43.01 0.03 0.92	46.86 -0.43 0.00	46.95 -0.28 0.00	50.95 -0.36 0.00	61.23 -0.57 0.00	76.35 -0.35 0.00	73.17 -0.38 0.00	72.58 0.25 -1.11	72.19 0.39 -0.23	67.83 0.31 -0.61	63.23 -0.09 -6.95	61.89 -0.09 -6.88	68.35 -0.14 0.00	56.07 -0.25 0.00
PYRITES___HYD 24023	35.54 0.37 0.00	33.84 0.22 0.00	35.39 0.23 0.00	35.08 0.24 0.00	33.83 0.20 0.00	33.99 0.10 0.00	44.16 0.19 0.00	61.17 0.59 0.00	48.06 0.45 0.00	40.31 0.52 0.00	44.10 0.20 0.00	47.08 -0.20 0.00	46.64 -0.59 0.00	50.86 -0.46 0.00	61.48 -0.32 0.00	75.95 -0.74 0.00	73.50 -0.05 0.00	70.71 -0.51 0.00	71.08 -0.49 0.00	66.15 -0.75 0.00	55.74 -0.63 0.00	54.13 -0.98 0.00	67.54 -0.96 0.00	56.21 -0.11 0.00
QUAKERRD_115KV_BK1 80622	32.12 -3.05 0.00	30.67 -2.94 0.00	32.03 -3.14 0.00	31.70 -3.13 0.00	30.70 -2.93 0.00	31.05 -2.85 0.00	40.41 -3.57 0.00	54.92 -4.84 0.82	42.44 -3.90 1.28	36.86 -2.93 0.00	40.64 -3.27 0.00	43.63 -3.66 0.00	43.59 -3.64 0.00	47.36 -3.96 0.00	57.07 -4.73 0.00	70.85 -5.84 0.00	67.93 -5.62 0.00	66.04 -5.19 0.00	66.30 -5.35 -0.08	61.86 -5.26 -0.22	51.83 -4.61 -0.06	50.57 -4.62 -0.08	63.36 -5.14 0.00	52.33 -3.99 0.00
QUEENSBRY_115KV_TB8 356137	37.52 2.35 0.00	35.82 2.20 0.00	37.47 2.30 0.00	37.05 2.22 0.00	35.76 2.14 0.00	36.13 2.24 0.00	47.19 3.21 0.00	64.81 4.23 0.00	50.95 3.34 0.00	42.13 2.34 0.00	48.38 2.57 -1.90	50.12 2.83 0.00	49.97 2.74 0.00	54.12 2.81 0.00	65.14 3.34 0.00	80.99 4.30 0.00	77.69 4.14 0.00	86.72 4.40 -11.09	76.66 4.17 -0.92	73.54 4.19 -2.45	128.63 3.57 -68.69	126.35 3.50 -67.75	72.42 3.92 0.00	59.20 2.88 0.00
RAMAPO___LBMP 323565	36.70 1.53 0.00	35.09 1.48 0.00	36.71 1.54 0.00	36.39 1.55 0.00	35.09 1.46 0.00	35.51 1.62 0.00	46.42 2.44 0.00	63.91 3.33 0.00	50.38 2.77 0.00	41.87 2.08 0.00	30.73 2.23 15.41	49.90 2.61 0.00	49.81 2.59 0.00	54.07 2.76 0.00	65.16 3.36 0.00	81.10 4.40 0.00	77.94 4.39 0.00	78.49 4.86 -2.40	77.13 4.92 -0.63	73.23 4.64 -1.68	75.26 3.71 -15.18	73.81 3.65 -15.05	72.82 4.32 0.00	59.57 3.25 0.00
RANKINE____ 23646	23.54 -4.22 7.41	17.04 -4.08 12.48	17.08 -4.38 13.70	16.92 -4.39 13.52	18.43 -4.11 11.08	16.36 -3.92 13.61	23.94 -4.83 15.21	36.18 -6.71 17.69	41.27 -5.81 0.54	29.28 -3.89 6.62	30.15 -4.35 9.41	26.69 -4.91 15.68	24.43 -4.90 17.90	25.45 -5.39 20.47	34.31 -6.51 20.98	44.02 -8.09 24.59	41.52 -7.80 24.22	40.44 -7.29 23.49	40.77 -7.59 23.21	36.42 -7.58 22.91	30.88 -6.61 18.88	30.08 -6.46 18.57	43.93 -6.58 18.00	39.15 -4.81 12.35
RAVENSWOOD_GT2_1 24244	37.19 2.02 0.00	35.56 1.95 0.00	37.18 2.01 0.00	36.85 2.02 0.00	35.49 1.87 0.00	35.91 2.02 0.00	46.94 2.97 0.00	64.61 4.03 0.00	51.04 3.43 0.00	42.44 2.65 0.00	56.10 2.92 -9.27	50.68 3.39 0.00	50.59 3.36 0.00	54.89 3.58 0.00	66.13 4.33 0.00	82.22 5.52 0.00	78.92 5.38 0.00	79.68 5.88 -2.58	78.19 5.93 -0.69	74.34 5.61 -1.82	77.20 4.46 -16.36	75.71 4.37 -16.23	73.74 5.24 0.00	60.25 3.93 0.00

RAVENSWOOD_GT2_2 24245	37.19 2.02 0.00	35.56 1.95 0.00	37.18 2.01 0.00	36.85 2.02 0.00	35.49 1.87 0.00	35.91 2.02 0.00	46.94 2.97 0.00	64.61 4.03 0.00	51.04 3.43 0.00	42.44 2.65 0.00	56.10 2.92 -9.27	50.68 3.39 0.00	50.59 3.36 0.00	54.89 3.58 0.00	66.13 4.33 0.00	82.22 5.52 0.00	78.92 5.38 0.00	79.68 5.88 -2.58	78.19 5.93 -0.69	74.34 5.61 -1.82	77.20 4.46 -16.36	75.71 4.37 -16.23	73.74 5.24 0.00	60.25 3.93 0.00
RAVENSWOOD_GT2_3 24246	37.20 2.04 0.00	35.57 1.96 0.00	37.19 2.02 0.00	36.87 2.03 0.00	35.51 1.89 0.00	35.91 2.02 0.00	46.96 2.99 0.00	64.64 4.06 0.00	51.06 3.45 0.00	42.46 2.67 0.00	56.13 2.95 -9.27	50.71 3.42 0.00	50.62 3.39 0.00	54.91 3.60 0.00	66.17 4.37 0.00	82.26 5.57 0.00	78.95 5.40 0.00	79.73 5.92 -2.58	78.24 5.98 -0.69	74.35 5.62 -1.82	77.23 4.50 -16.36	75.72 4.39 -16.23	73.78 5.28 0.00	60.26 3.94 0.00
RAVENSWOOD_GT2_4 24247	37.20 2.04 0.00	35.57 1.96 0.00	37.19 2.02 0.00	36.87 2.03 0.00	35.51 1.89 0.00	35.91 2.02 0.00	46.96 2.99 0.00	64.64 4.06 0.00	51.06 3.45 0.00	42.46 2.67 0.00	56.13 2.95 -9.27	50.71 3.42 0.00	50.62 3.39 0.00	54.91 3.60 0.00	66.17 4.37 0.00	82.26 5.57 0.00	78.95 5.40 0.00	79.73 5.92 -2.58	78.24 5.98 -0.69	74.35 5.62 -1.82	77.23 4.50 -16.36	75.72 4.39 -16.23	73.78 5.28 0.00	60.26 3.94 0.00
RAVENSWOOD_GT3_1 24248	37.19 2.02 0.00	35.56 1.95 0.00	37.18 2.02 0.00	36.85 2.02 0.00	35.50 1.87 0.00	35.91 2.02 0.00	46.95 2.97 0.00	64.61 4.03 0.00	51.04 3.43 0.00	42.44 2.65 0.00	56.10 2.92 -9.27	50.68 3.39 0.00	50.59 3.36 0.00	54.89 3.58 0.00	66.13 4.33 0.00	82.23 5.53 0.00	78.92 5.38 0.00	79.68 5.88 -2.58	78.19 5.93 -0.69	74.34 5.61 -1.82	77.20 4.46 -16.36	75.71 4.37 -16.23	73.74 5.24 0.00	60.25 3.93 0.00
RAVENSWOOD_GT3_2 24249	37.19 2.02 0.00	35.56 1.95 0.00	37.18 2.02 0.00	36.85 2.02 0.00	35.50 1.87 0.00	35.91 2.02 0.00	46.95 2.97 0.00	64.61 4.03 0.00	51.04 3.43 0.00	42.44 2.65 0.00	56.10 2.92 -9.27	50.68 3.39 0.00	50.59 3.36 0.00	54.89 3.58 0.00	66.13 4.33 0.00	82.23 5.53 0.00	78.92 5.38 0.00	79.68 5.88 -2.58	78.19 5.93 -0.69	74.34 5.61 -1.82	77.20 4.46 -16.36	75.71 4.37 -16.23	73.74 5.24 0.00	60.25 3.93 0.00
RAVENSWOOD_GT3_3 24250	37.24 2.07 0.00	35.60 1.99 0.00	37.22 2.06 0.00	36.89 2.06 0.00	35.54 1.92 0.00	35.95 2.05 0.00	47.01 3.03 0.00	64.72 4.14 0.00	51.12 3.50 0.00	42.51 2.71 0.00	56.18 3.00 -9.27	50.76 3.48 0.00	50.68 3.45 0.00	54.98 3.66 0.00	66.25 4.44 0.00	82.37 5.67 0.00	79.05 5.51 0.00	79.83 6.02 -2.58	78.32 6.06 -0.69	74.44 5.71 -1.82	77.29 4.56 -16.36	75.78 4.45 -16.23	73.85 5.35 0.00	60.32 4.00 0.00
RAVENSWOOD_GT3_4 24251	37.24 2.07 0.00	35.60 1.99 0.00	37.22 2.06 0.00	36.89 2.06 0.00	35.54 1.92 0.00	35.95 2.05 0.00	47.01 3.03 0.00	64.72 4.14 0.00	51.12 3.50 0.00	42.51 2.71 0.00	56.18 3.00 -9.27	50.76 3.48 0.00	50.68 3.45 0.00	54.98 3.66 0.00	66.25 4.44 0.00	82.37 5.67 0.00	79.05 5.51 0.00	79.83 6.02 -2.58	78.32 6.06 -0.69	74.44 5.71 -1.82	77.29 4.56 -16.36	75.78 4.45 -16.23	73.85 5.35 0.00	60.32 4.00 0.00
RAVENSWOOD_GT_1 23729	90.63 2.17 -53.29	40.49 2.10 -4.78	41.71 2.17 -4.37	41.44 2.17 -4.44	40.37 2.01 -4.73	40.71 2.12 -4.69	49.63 3.09 -2.56	71.38 4.26 -6.53	52.87 3.61 -1.66	47.49 2.80 -4.90	58.03 3.09 -11.04	52.67 3.59 -1.79	52.55 3.54 -1.78	65.52 3.75 -10.45	68.45 4.51 -2.14	82.44 5.74 0.00	104.20 5.57 -25.08	114.28 6.07 -36.98	93.53 6.18 -15.78	84.62 5.79 -11.92	88.32 4.63 -27.33	80.22 4.54 -20.58	73.96 5.46 0.00	61.04 4.13 -0.59
RAVENSWOOD_GT_10 24258	43.34 2.02 -6.14	36.11 1.95 -0.55	37.67 2.00 -0.50	37.35 2.01 -0.51	36.04 1.86 -0.54	36.45 2.01 -0.54	47.24 2.97 -0.29	65.36 4.03 -0.75	51.23 3.42 -0.19	43.00 2.65 -0.56	56.31 2.92 -9.48	50.88 3.39 -0.21	50.79 3.36 -0.20	56.10 3.57 -1.20	66.38 4.33 -0.25	82.22 5.52 0.00	81.79 5.38 -2.86	83.37 5.88 -6.26	79.93 5.93 -2.42	75.49 5.60 -2.98	78.46 4.46 -17.63	76.20 4.37 -16.73	73.74 5.24 0.00	60.31 3.92 -0.07
RAVENSWOOD_GT_11 24259	43.34 2.02 -6.14	36.11 1.95 -0.55	37.67 2.00 -0.50	37.35 2.01 -0.51	36.04 1.86 -0.54	36.45 2.01 -0.54	47.24 2.97 -0.29	65.36 4.03 -0.75	51.23 3.42 -0.19	43.00 2.65 -0.56	56.31 2.92 -9.48	50.88 3.39 -0.21	50.79 3.36 -0.20	56.10 3.57 -1.20	66.38 4.33 -0.25	82.22 5.52 0.00	81.79 5.38 -2.86	83.37 5.88 -6.26	79.93 5.93 -2.42	75.49 5.60 -2.98	78.46 4.46 -17.63	76.20 4.37 -16.73	73.74 5.24 0.00	60.31 3.92 -0.07
RAVENSWOOD_GT_4 24252	77.74 2.00 -40.57	39.16 1.92 -3.63	40.48 1.99 -3.32	40.20 1.99 -3.38	39.08 1.85 -3.60	39.47 2.00 -3.58	48.88 2.95 -1.95	69.58 4.03 -4.97	52.28 3.41 -1.26	46.15 2.64 -3.73	57.44 2.92 -10.62	52.03 3.38 -1.36	51.93 3.35 -1.35	62.83 3.56 -7.96	67.75 4.32 -1.63	82.22 5.52 0.00	97.78 5.34 -18.89	103.96 5.87 -26.86	89.65 5.90 -12.17	81.99 5.57 -9.51	85.53 4.45 -24.71	78.98 4.34 -19.54	73.73 5.23 0.00	60.65 3.88 -0.45
RAVENSWOOD_GT_5 24254	77.74 2.00 -40.57	39.16 1.92 -3.63	40.48 1.99 -3.32	40.20 1.99 -3.38	39.08 1.85 -3.60	39.47 2.00 -3.58	48.88 2.95 -1.95	69.58 4.03 -4.97	52.28 3.41 -1.26	46.15 2.64 -3.73	57.44 2.92 -10.62	52.03 3.38 -1.36	51.93 3.35 -1.35	62.83 3.56 -7.96	67.75 4.32 -1.63	82.22 5.52 0.00	97.78 5.34 -18.89	103.96 5.87 -26.86	89.65 5.90 -12.17	81.99 5.57 -9.51	85.53 4.45 -24.71	78.98 4.34 -19.54	73.73 5.23 0.00	60.65 3.88 -0.45
RAVENSWOOD_GT_6 24253	77.74 2.00 -40.57	39.16 1.92 -3.63	40.48 1.99 -3.32	40.20 1.99 -3.38	39.08 1.85 -3.60	39.47 2.00 -3.58	48.88 2.95 -1.95	69.58 4.03 -4.97	52.28 3.41 -1.26	46.15 2.64 -3.73	57.44 2.92 -10.62	52.03 3.38 -1.36	51.93 3.35 -1.35	62.83 3.56 -7.96	67.75 4.32 -1.63	82.22 5.52 0.00	97.78 5.34 -18.89	103.96 5.87 -26.86	89.65 5.90 -12.17	81.99 5.57 -9.51	85.53 4.45 -24.71	78.98 4.34 -19.54	73.73 5.23 0.00	60.65 3.88 -0.45
RAVENSWOOD_GT_7 24255	77.74 2.00 -40.57	39.16 1.92 -3.63	40.48 1.99 -3.32	40.20 1.99 -3.38	39.08 1.85 -3.60	39.47 2.00 -3.58	48.88 2.95 -1.95	69.58 4.03 -4.97	52.28 3.41 -1.26	46.15 2.64 -3.73	57.44 2.92 -10.62	52.03 3.38 -1.36	51.93 3.35 -1.35	62.83 3.56 -7.96	67.75 4.32 -1.63	82.22 5.52 0.00	97.78 5.34 -18.89	103.96 5.87 -26.86	89.65 5.90 -12.17	81.99 5.57 -9.51	85.53 4.45 -24.71	78.98 4.34 -19.54	73.73 5.23 0.00	60.65 3.88 -0.45
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	43.34 2.02 -6.14	36.11 1.95 -0.55	37.67 2.00 -0.50	37.35 2.01 -0.51	36.04 1.86 -0.54	36.45 2.01 -0.54	47.24 2.97 -0.29	65.36 4.03 -0.75	51.23 3.42 -0.19	43.00 2.65 -0.56	56.31 2.92 -9.48	50.88 3.39 -0.21	50.79 3.36 -0.20	56.10 3.57 -1.20	66.38 4.33 -0.25	82.22 5.52 0.00	81.79 5.38 -2.86	83.37 5.88 -6.26	79.93 5.93 -2.42	75.49 5.60 -2.98	78.46 4.46 -17.63	76.20 4.37 -16.73	73.74 5.24 0.00	60.31 3.92 -0.07

RAVENSWOOD_GT_9 24257	43.34 2.02 -6.14	36.11 1.95 -0.55	37.67 2.00 -0.50	37.35 2.01 -0.51	36.04 1.86 -0.54	36.45 2.01 -0.54	47.24 2.97 -0.29	65.36 4.03 -0.75	51.23 3.42 -0.19	43.00 2.65 -0.56	56.31 2.92 -9.48	50.88 3.39 -0.21	50.79 3.36 -0.20	56.10 3.57 -1.20	66.38 4.33 -0.25	82.22 5.52 0.00	81.79 5.38 -2.86	83.37 5.88 -6.26	79.93 5.93 -2.42	75.49 5.60 -2.98	78.46 4.46 -17.63	76.20 4.37 -16.73	73.74 5.24 0.00	60.31 3.92 -0.07
RAVENSWOOD___1 23533	-15.17 2.13 52.47	30.98 2.06 4.69	32.97 2.11 4.30	32.59 2.12 4.37	30.93 1.97 4.66	31.34 2.08 4.63	44.50 3.04 2.52	58.31 4.17 6.44	49.53 3.54 1.63	37.71 2.74 4.82	54.45 3.01 -7.53	49.03 3.50 1.76	48.94 3.46 1.75	44.68 3.66 10.29	64.12 4.42 2.10	82.31 5.62 0.00	54.58 5.47 24.44	48.40 5.99 28.81	63.48 6.09 14.17	64.50 5.71 8.12	66.50 4.57 -5.56	71.54 4.49 -11.94	73.88 5.38 0.00	59.78 4.04 0.58
RAVENSWOOD___2 23534	-15.17 2.13 52.47	30.98 2.06 4.69	32.97 2.11 4.30	32.59 2.12 4.37	30.93 1.97 4.66	31.34 2.08 4.63	44.50 3.04 2.52	58.31 4.17 6.44	49.53 3.54 1.63	37.71 2.74 4.82	54.45 3.01 -7.53	49.03 3.50 1.76	48.94 3.46 1.75	44.68 3.66 10.29	64.12 4.42 2.10	82.31 5.62 0.00	54.58 5.47 24.44	48.40 5.99 28.81	63.48 6.09 14.17	64.50 5.71 8.12	66.50 4.57 -5.56	71.54 4.49 -11.94	73.88 5.38 0.00	59.78 4.04 0.58
RAVENSWOOD___3 23535	37.19 2.03 0.00	35.56 1.95 0.00	37.15 1.99 0.00	36.84 2.01 0.00	35.49 1.86 0.00	35.90 2.02 0.00	46.95 2.97 0.00	64.61 4.03 0.00	51.04 3.43 0.00	42.44 2.65 0.00	56.10 2.91 -9.27	50.67 3.38 0.00	50.58 3.36 0.00	54.88 3.57 0.00	66.12 4.32 0.00	82.22 5.52 0.00	78.89 5.34 0.00	79.67 5.86 -2.58	78.18 5.92 -0.69	74.32 5.60 -1.82	77.21 4.48 -16.36	75.71 4.37 -16.23	73.75 5.25 0.00	60.24 3.92 0.00
RAVENSWOOD___4 23820	-15.17 2.13 52.47	30.98 2.06 4.69	32.97 2.11 4.30	32.59 2.12 4.37	30.93 1.97 4.66	31.34 2.08 4.63	44.50 3.04 2.52	58.31 4.17 6.44	49.53 3.54 1.63	37.71 2.74 4.82	54.45 3.01 -7.53	49.03 3.50 1.76	48.94 3.46 1.75	44.68 3.66 10.29	64.12 4.42 2.10	82.31 5.62 0.00	54.58 5.47 24.44	48.40 5.99 28.81	63.48 6.09 14.17	64.50 5.71 8.12	66.50 4.57 -5.56	71.54 4.49 -11.94	73.88 5.38 0.00	59.78 4.04 0.58
RCPL_TRUST___DRP 24196	37.17 2.01 0.00	35.54 1.93 0.00	37.15 1.99 0.00	36.84 2.00 0.00	35.48 1.85 0.00	35.91 2.01 0.00	46.93 2.96 0.00	64.62 4.04 0.00	51.04 3.43 0.00	42.46 2.67 0.00	56.14 2.94 -9.29	50.69 3.41 0.00	50.61 3.38 0.00	54.91 3.59 0.00	66.15 4.35 0.00	82.25 5.56 0.00	78.94 5.39 0.00	79.70 5.89 -2.58	78.19 5.94 -0.69	74.33 5.60 -1.82	77.21 4.48 -16.36	75.69 4.36 -16.22	73.74 5.24 0.00	60.23 3.91 0.00
RED___ROCHESTER 323720	32.59 -2.58 0.00	31.12 -2.49 0.00	32.49 -2.68 0.00	32.14 -2.69 0.00	31.13 -2.50 0.00	31.53 -2.36 0.00	41.10 -2.88 0.00	56.14 -3.87 0.58	43.49 -3.22 0.90	37.56 -2.23 0.00	41.43 -2.47 0.00	44.51 -2.77 0.00	44.45 -2.78 0.00	48.32 -2.99 0.00	58.23 -3.57 0.00	72.25 -4.45 0.00	69.31 -4.23 0.00	67.41 -3.82 0.00	67.67 -3.99 -0.09	62.99 -4.14 -0.23	52.79 -3.64 -0.07	51.49 -3.70 -0.09	64.63 -3.87 0.00	53.44 -2.88 0.00
REGAN___SOLAR 323812	36.87 1.71 0.00	35.22 1.61 0.00	36.83 1.67 0.00	36.50 1.67 0.00	35.27 1.65 0.00	35.63 1.74 0.00	46.47 2.49 0.00	64.23 3.65 0.00	50.13 2.52 0.00	41.13 1.34 0.00	46.75 1.35 -1.50	49.61 2.32 0.00	49.99 2.76 0.00	54.16 2.84 0.00	64.47 2.67 0.00	81.30 4.60 0.00	78.33 4.78 0.00	87.03 4.93 -10.88	77.45 4.89 -0.98	74.07 4.55 -2.61	127.51 3.68 -67.46	125.04 3.39 -66.54	72.56 4.06 0.00	59.53 3.21 0.00
RENSSELAER___COGEN 23796	36.78 1.61 0.00	35.17 1.56 0.00	36.79 1.63 0.00	36.46 1.62 0.00	35.17 1.54 0.00	35.37 1.48 0.00	45.89 1.92 0.00	63.15 2.57 0.00	49.67 2.06 0.00	41.32 1.53 0.00	47.63 1.72 -2.01	49.24 1.95 0.00	49.22 1.99 0.00	53.49 2.17 0.00	64.49 2.69 0.00	80.12 3.42 0.00	76.76 3.21 0.00	81.63 3.45 -6.95	75.85 3.39 -0.89	72.69 3.40 -2.37	102.56 2.88 -43.31	100.73 2.84 -42.78	71.89 3.39 0.00	58.80 2.48 0.00
REPUBLIC_115KV_BARTNBRK 55605	38.69 3.52 0.00	36.91 3.29 0.00	38.64 3.48 0.00	38.10 3.26 0.00	36.76 3.13 0.00	37.24 3.35 0.00	48.94 4.96 0.00	66.87 6.29 0.00	52.71 5.10 0.00	43.26 3.46 0.00	49.35 3.53 -1.91	51.31 4.02 0.00	51.19 3.96 0.00	55.57 4.26 0.00	67.62 5.82 0.00	84.16 7.46 0.00	81.48 7.93 0.00	90.53 8.26 -11.05	80.08 7.59 -0.92	76.94 7.59 -2.45	131.38 6.60 -68.41	129.07 6.50 -67.47	75.74 7.25 0.00	61.74 5.42 0.00
REVERE_CPFR_DRP 24186	35.75 0.58 0.00	34.20 0.59 0.00	35.77 0.60 0.00	35.45 0.62 0.00	34.29 0.66 0.00	34.68 0.79 0.00	45.18 1.20 0.00	62.36 1.77 0.00	49.06 1.45 0.00	40.96 1.17 0.00	45.30 1.39 0.00	49.01 1.72 0.00	48.78 1.55 0.00	52.94 1.63 0.00	63.87 2.07 0.00	79.40 2.71 0.00	76.21 2.66 0.00	73.89 2.67 0.00	74.19 2.59 -0.03	69.32 2.33 -0.09	58.23 1.83 -0.03	56.81 1.67 -0.03	70.33 1.83 0.00	57.67 1.35 0.00
REYNOLDS_115KV_TB3 80639	36.84 1.67 0.00	35.24 1.63 0.00	36.85 1.69 0.00	36.51 1.67 0.00	35.20 1.57 0.00	35.40 1.51 0.00	45.88 1.90 0.00	63.12 2.54 0.00	49.64 2.02 0.00	41.29 1.50 0.00	47.66 1.68 -2.07	49.20 1.92 0.00	49.19 1.96 0.00	53.47 2.16 0.00	64.47 2.67 0.00	80.07 3.38 0.00	76.67 3.12 0.00	82.05 3.34 -7.48	75.73 3.26 -0.90	72.59 3.30 -2.38	105.75 2.84 -46.54	103.89 2.83 -45.96	71.88 3.38 0.00	58.84 2.52 0.00
RIVERBAY____ 323610	37.18 2.01 0.00	35.60 1.98 -0.01	37.21 2.04 -0.01	36.88 2.04 0.00	35.48 1.85 0.00	35.85 1.96 0.00	46.91 2.93 0.00	64.77 4.19 0.00	51.09 3.48 0.00	42.51 2.71 0.00	56.14 2.96 -9.27	50.92 3.64 0.00	50.66 3.43 0.00	54.87 3.56 0.00	66.10 4.29 0.00	82.17 5.48 0.00	78.91 5.36 0.00	79.73 5.92 -2.58	78.49 6.24 -0.69	74.47 5.74 -1.82	77.29 4.56 -16.36	75.90 4.57 -16.23	73.91 5.41 0.00	60.48 4.17 0.00
RIVERSDE_115KV_TB3 55908	36.86 1.69 0.00	35.24 1.63 0.00	36.87 1.70 0.00	36.52 1.68 0.00	35.22 1.59 0.00	35.43 1.54 0.00	45.95 1.98 0.00	63.24 2.65 0.00	49.73 2.11 0.00	41.37 1.58 0.00	47.72 1.78 -2.04	49.32 2.04 0.00	49.30 2.07 0.00	53.59 2.28 0.00	64.61 2.81 0.00	80.25 3.56 0.00	76.89 3.35 0.00	82.34 3.56 -7.55	75.94 3.47 -0.90	72.77 3.48 -2.38	106.33 2.97 -46.99	104.43 2.92 -46.40	71.99 3.49 0.00	58.89 2.57 0.00
ROARING___BROOK_WT_PWR 323790	34.42 -0.75 0.00	32.91 -0.70 0.00	34.47 -0.69 0.00	34.14 -0.69 0.00	33.03 -0.59 0.00	33.33 -0.56 0.00	43.25 -0.73 0.00	59.62 -0.96 0.00	46.81 -0.80 0.00	39.13 -0.66 0.00	43.29 -0.62 0.00	46.56 -0.73 0.00	46.41 -0.81 0.00	50.38 -0.93 0.00	60.58 -1.23 0.00	75.04 -1.66 0.00	71.98 -1.56 0.00	69.78 -1.45 0.00	70.00 -1.57 0.00	65.33 -1.57 0.00	55.09 -1.28 0.00	53.82 -1.29 0.00	66.94 -1.56 0.00	55.09 -1.23 0.00

ROCHESRG_115KV_T4 355643	32.22 -2.95 0.00	30.76 -2.85 0.00	32.10 -3.07 0.00	31.77 -3.07 0.00	30.77 -2.85 0.00	31.13 -3.42 0.00	40.56 -3.42 0.00	55.39 -4.63 0.56	42.93 -3.80 0.89	37.04 -2.75 0.00	40.83 -3.08 0.00	43.81 -3.48 0.00	43.75 -3.48 0.00	47.53 -3.79 0.00	57.29 -4.51 0.00	71.09 -5.61 0.00	68.14 -5.40 0.00	66.25 -4.97 0.00	66.49 -5.16 -0.09	61.98 -5.15 -0.23	51.92 -4.52 -0.07	50.71 -4.48 -0.08	63.73 -4.77 0.00	52.72 -3.60 0.00
ROCHESTER_9_IC 23652	32.40 -2.77 0.00	30.93 -2.68 0.00	32.27 -2.89 0.00	31.94 -2.90 0.00	30.94 -2.69 0.00	31.32 -2.57 0.00	40.83 -3.15 0.00	55.76 -4.25 0.58	43.21 -3.50 0.90	37.30 -2.49 0.00	41.13 -2.78 0.00	44.13 -3.15 0.00	44.07 -3.16 0.00	47.89 -3.42 0.00	57.73 -4.08 0.00	71.64 -5.05 0.00	68.69 -4.86 0.00	66.78 -4.45 0.00	67.01 -4.64 -0.09	62.46 -4.68 -0.23	52.31 -4.12 -0.07	51.06 -4.13 -0.09	64.15 -4.35 0.00	53.05 -3.27 0.00
ROCKVIEW_13_KV_LD 356306	37.26 2.09 0.00	35.64 2.03 0.00	37.26 2.10 0.00	36.94 2.11 0.00	35.61 1.99 0.00	36.02 2.13 0.00	47.10 3.12 0.00	64.81 4.23 0.00	51.14 3.53 0.00	42.54 2.75 0.00	56.22 3.03 -9.28	50.79 3.51 0.00	50.69 3.46 0.00	54.97 3.66 0.00	66.26 4.46 0.00	82.43 5.73 0.00	79.10 5.55 0.00	79.85 6.04 -2.58	78.34 6.09 -0.69	74.48 5.75 -1.82	77.35 4.62 -16.36	75.83 4.49 -16.23	73.97 5.47 0.00	60.43 4.12 0.00
ROME____115KV_TB2 80656	35.75 0.58 0.00	34.20 0.59 0.00	35.77 0.60 0.00	35.45 0.62 0.00	34.29 0.66 0.00	34.68 0.79 0.00	45.18 1.20 0.00	62.36 1.77 0.00	49.06 1.45 0.00	40.96 1.17 0.00	45.30 1.39 0.00	49.01 1.72 0.00	48.78 1.55 0.00	52.94 1.63 0.00	63.87 2.07 0.00	79.40 2.71 0.00	76.21 2.66 0.00	73.89 2.67 0.00	74.19 2.59 -0.03	69.32 2.33 -0.09	58.23 1.83 -0.03	56.81 1.67 -0.03	70.33 1.83 0.00	57.67 1.35 0.00
ROSETON___1 23587	36.46 1.29 0.00	34.85 1.24 0.00	36.46 1.29 0.00	36.14 1.31 0.00	34.85 1.22 0.00	35.26 1.37 0.00	46.06 2.08 0.00	63.40 2.82 0.00	49.99 2.37 0.00	41.58 1.78 0.00	33.54 1.90 12.27	49.49 2.20 0.00	49.41 2.18 0.00	53.63 2.31 0.00	64.66 2.85 0.00	80.46 3.76 0.00	77.29 3.74 0.00	77.63 4.18 -2.22	76.39 4.23 -0.59	72.47 4.01 -1.56	73.64 3.20 -14.06	72.19 3.13 -13.95	72.21 3.71 0.00	59.09 2.77 0.00
ROSETON___2 23588	36.46 1.29 0.00	34.85 1.24 0.00	36.46 1.29 0.00	36.14 1.31 0.00	34.85 1.22 0.00	35.26 1.37 0.00	46.06 2.08 0.00	63.40 2.82 0.00	49.99 2.37 0.00	41.58 1.78 0.00	33.54 1.90 12.27	49.49 2.20 0.00	49.41 2.18 0.00	53.63 2.31 0.00	64.66 2.85 0.00	80.46 3.76 0.00	77.29 3.74 0.00	77.63 4.18 -2.22	76.39 4.23 -0.59	72.47 4.01 -1.56	73.64 3.20 -14.06	72.19 3.13 -13.95	72.21 3.71 0.00	59.09 2.77 0.00
ROTRRDAM_115KV_TB3 80664	36.30 1.13 0.00	34.70 1.09 0.00	36.32 1.16 0.00	35.97 1.14 0.00	34.71 1.08 0.00	34.97 1.08 0.00	45.44 1.47 0.00	62.55 1.96 0.00	49.15 1.54 0.00	40.87 1.08 0.00	46.89 1.18 -1.80	48.71 1.42 0.00	48.70 1.47 0.00	52.90 1.58 0.00	63.67 1.87 0.00	79.17 2.47 0.00	75.91 2.36 0.00	85.62 2.54 -11.85	75.00 2.50 -0.93	71.87 2.49 -2.47	131.79 2.06 -73.35	129.48 2.04 -72.34	70.92 2.42 0.00	58.14 1.82 0.00
RUSSELL___1 23602	32.58 -2.59 0.00	31.10 -2.52 0.00	32.44 -2.73 0.00	32.10 -2.74 0.00	31.10 -2.52 0.00	31.50 -2.40 0.00	41.07 -2.91 0.00	56.11 -3.89 0.58	43.50 -3.22 0.90	37.54 -2.25 0.00	41.39 -2.51 0.00	44.43 -2.86 0.00	44.37 -2.86 0.00	48.22 -3.09 0.00	58.14 -3.67 0.00	72.16 -4.53 0.00	69.18 -4.36 0.00	67.29 -3.93 0.00	67.54 -4.11 -0.09	62.93 -4.21 -0.23	52.70 -3.74 -0.07	51.42 -3.77 -0.09	64.58 -3.92 0.00	53.39 -2.93 0.00
RUSSELL___2 23532	32.58 -2.59 0.00	31.10 -2.52 0.00	32.44 -2.73 0.00	32.10 -2.74 0.00	31.10 -2.52 0.00	31.50 -2.40 0.00	41.07 -2.91 0.00	56.11 -3.89 0.58	43.50 -3.22 0.90	37.54 -2.25 0.00	41.39 -2.51 0.00	44.43 -2.86 0.00	44.37 -2.86 0.00	48.22 -3.09 0.00	58.14 -3.67 0.00	72.16 -4.53 0.00	69.18 -4.36 0.00	67.29 -3.93 0.00	67.54 -4.11 -0.09	62.93 -4.21 -0.23	52.70 -3.74 -0.07	51.42 -3.77 -0.09	64.58 -3.92 0.00	53.39 -2.93 0.00
RUSSELL___3 23549	32.58 -2.59 0.00	31.10 -2.52 0.00	32.44 -2.73 0.00	32.10 -2.74 0.00	31.10 -2.52 0.00	31.50 -2.40 0.00	41.07 -2.91 0.00	56.11 -3.89 0.58	43.50 -3.22 0.90	37.54 -2.25 0.00	41.39 -2.51 0.00	44.43 -2.86 0.00	44.37 -2.86 0.00	48.22 -3.09 0.00	58.14 -3.67 0.00	72.16 -4.53 0.00	69.18 -4.36 0.00	67.29 -3.93 0.00	67.54 -4.11 -0.09	62.93 -4.21 -0.23	52.70 -3.74 -0.07	51.42 -3.77 -0.09	64.58 -3.92 0.00	53.39 -2.93 0.00
RUSSELL___4 23556	32.58 -2.59 0.00	31.10 -2.52 0.00	32.44 -2.73 0.00	32.10 -2.74 0.00	31.10 -2.52 0.00	31.50 -2.40 0.00	41.07 -2.91 0.00	56.11 -3.89 0.58	43.50 -3.22 0.90	37.54 -2.25 0.00	41.39 -2.51 0.00	44.43 -2.86 0.00	44.37 -2.86 0.00	48.22 -3.09 0.00	58.14 -3.67 0.00	72.16 -4.53 0.00	69.18 -4.36 0.00	67.29 -3.93 0.00	67.54 -4.11 -0.09	62.93 -4.21 -0.23	52.70 -3.74 -0.07	51.42 -3.77 -0.09	64.58 -3.92 0.00	53.39 -2.93 0.00
RUSSELL___STATION 23914	32.58 -2.59 0.00	31.10 -2.52 0.00	32.44 -2.73 0.00	32.10 -2.74 0.00	31.10 -2.52 0.00	31.50 -2.40 0.00	41.07 -2.91 0.00	56.11 -3.89 0.58	43.50 -3.22 0.90	37.54 -2.25 0.00	41.39 -2.51 0.00	44.43 -2.86 0.00	44.37 -2.86 0.00	48.22 -3.09 0.00	58.14 -3.67 0.00	72.16 -4.53 0.00	69.18 -4.36 0.00	67.29 -3.93 0.00	67.54 -4.11 -0.09	62.93 -4.21 -0.23	52.70 -3.74 -0.07	51.42 -3.77 -0.09	64.58 -3.92 0.00	53.39 -2.93 0.00
S SALMON___HYD 24043	33.74 -1.43 0.00	32.23 -1.38 0.00	33.69 -1.47 0.00	33.38 -1.46 0.00	32.27 -1.36 0.00	32.52 -1.37 0.00	42.14 -1.83 0.00	58.14 -2.45 0.00	45.64 -1.98 0.00	38.24 -1.56 0.00	42.17 -1.74 0.00	45.38 -1.90 0.00	45.24 -1.99 0.00	49.11 -2.21 0.00	59.29 -2.51 0.00	73.65 -3.05 0.00	70.86 -2.69 0.00	69.03 -2.19 0.00	69.36 -2.26 -0.05	64.82 -2.22 -0.13	54.41 -2.00 -0.04	53.16 -2.00 -0.05	65.97 -2.53 0.00	54.13 -2.19 0.00
S.PERRY__115KV_TB1 80734	58.38 -2.29 -25.49	74.37 -2.25 -43.01	80.12 -2.40 -47.35	79.18 -2.37 -46.71	69.75 -2.17 -38.29	79.08 -1.84 -47.03	94.24 -2.13 -52.39	116.39 -2.87 -58.68	46.13 -1.66 -0.17	60.82 -1.64 -22.67	74.33 -1.82 -32.24	98.89 -2.16 -53.76	106.66 -1.92 -61.35	119.45 -2.04 -70.17	131.21 -2.51 -71.91	158.12 -2.88 -84.30	154.14 -2.57 -83.16	151.89 -2.04 -82.71	149.55 -2.23 -80.22	144.50 -2.47 -80.06	131.65 -2.46 -77.74	129.39 -2.52 -76.81	127.87 -2.82 -62.20	96.76 -2.24 -42.68
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	23.40 -4.65 7.12	17.11 -4.50 12.01	17.11 -4.83 13.22	16.96 -4.84 13.04	18.41 -4.52 10.69	16.39 -4.38 13.13	23.90 -5.40 14.68	36.08 -7.47 17.04	40.71 -6.31 0.59	29.00 -4.45 6.34	29.89 -5.00 9.02	26.59 -5.65 15.04	24.45 -5.62 17.16	25.48 -6.20 19.63	34.23 -7.45 20.12	43.83 -9.29 23.57	41.42 -8.90 23.23	40.27 -8.42 22.53	40.59 -8.72 22.26	36.29 -8.65 21.97	30.78 -7.48 18.11	30.04 -7.31 17.76	43.64 -7.50 17.36	38.94 -5.47 11.91

SAWYER___23_KV_LOAD 55526	23.40 -4.65 7.12	17.11 -4.50 12.01	17.11 -4.83 13.22	16.96 -4.84 13.04	18.41 -4.52 10.69	16.39 -4.38 13.13	23.90 -5.40 14.68	36.08 -7.47 17.04	40.71 -6.31 0.59	29.00 -4.45 6.34	29.89 -5.00 9.02	26.59 -5.65 15.04	24.45 -5.62 17.16	25.48 -6.20 19.63	34.23 -7.45 20.12	43.83 -9.29 23.57	41.42 -8.90 23.23	40.27 -8.42 22.53	40.59 -8.72 22.26	36.29 -8.65 21.97	30.78 -7.48 18.11	30.04 -7.31 17.76	43.64 -7.50 17.36	38.94 -5.47 11.91
SELKIRK___I 23801	36.69 1.52 0.00	35.08 1.47 0.00	36.71 1.55 0.00	36.38 1.55 0.00	35.10 1.47 0.00	35.31 1.42 0.00	45.79 1.82 0.00	63.00 2.41 0.00	49.44 1.83 0.00	41.07 1.28 0.00	47.13 1.50 -1.72	48.96 1.68 0.00	48.98 1.76 0.00	53.16 1.85 0.00	64.15 2.35 0.00	79.75 3.06 0.00	76.46 2.92 0.00	80.06 3.13 -5.70	75.53 3.08 -0.88	72.34 3.10 -2.33	94.61 2.63 -35.61	92.95 2.64 -35.21	71.72 3.21 0.00	58.74 2.42 0.00
SELKIRK___II 23799	36.57 1.41 0.00	34.97 1.36 0.00	36.60 1.44 0.00	36.26 1.43 0.00	34.98 1.36 0.00	35.20 1.31 0.00	45.67 1.70 0.00	62.85 2.27 0.00	49.43 1.81 0.00	41.13 1.34 0.00	47.35 1.50 -1.94	48.99 1.70 0.00	48.97 1.74 0.00	53.20 1.88 0.00	64.14 2.34 0.00	79.70 3.01 0.00	76.37 2.82 0.00	80.24 3.04 -5.98	75.45 2.99 -0.89	72.28 3.01 -2.36	96.24 2.55 -37.33	94.52 2.53 -36.89	71.52 3.02 0.00	58.55 2.24 0.00
SENECA OSWGO___HYD 24041	33.95 -1.22 0.00	32.46 -1.15 0.00	33.92 -1.25 0.00	33.59 -1.25 0.00	32.46 -1.17 0.00	32.74 -1.15 0.00	42.38 -1.60 0.00	58.35 -2.23 0.00	45.89 -1.72 0.00	38.36 -1.43 0.00	42.36 -1.54 0.00	45.59 -1.70 0.00	45.60 -1.63 0.00	49.56 -1.76 0.00	59.68 -2.12 0.00	74.12 -2.57 0.00	71.11 -2.44 0.00	69.13 -2.10 0.00	69.51 -2.11 -0.06	65.03 -2.03 -0.15	54.61 -1.80 -0.04	53.34 -1.82 -0.05	66.18 -2.32 0.00	54.33 -1.99 0.00
SENECA___115KV_TB3 355854	23.59 -4.17 7.41	17.10 -4.03 12.48	17.14 -4.32 13.70	16.98 -4.34 13.52	18.49 -4.06 11.08	16.42 -3.86 13.61	24.02 -4.75 15.21	36.29 -6.60 17.69	41.35 -5.72 0.54	29.35 -3.82 6.62	30.24 -4.26 9.41	26.77 -4.82 15.68	24.52 -4.81 17.90	25.54 -5.30 20.47	34.42 -6.40 20.98	44.17 -7.94 24.59	41.66 -7.66 24.22	40.58 -7.16 23.49	40.90 -7.45 23.21	36.55 -7.45 22.91	30.99 -6.51 18.88	30.18 -6.35 18.57	44.04 -6.47 18.00	39.25 -4.72 12.35
SENECA___ENERGY 23797	35.35 -1.55 -1.74	35.06 -1.48 -2.93	36.84 -1.55 -3.22	36.46 -1.56 -3.18	34.77 -1.46 -2.61	35.77 -1.33 -3.20	45.84 -1.71 -3.57	63.56 -2.41 -5.39	48.15 -1.61 -2.14	39.88 -1.46 -1.54	44.50 -1.61 -2.19	49.14 -1.81 -3.66	49.71 -1.70 -4.18	54.20 -1.90 -4.78	64.42 -2.28 -4.90	79.69 -2.75 -5.74	76.52 -2.69 -5.66	74.97 -2.20 -5.94	74.95 -2.17 -5.54	70.46 -2.12 -5.67	61.70 -1.94 -7.27	60.37 -1.93 -7.19	70.32 -2.42 -4.23	57.27 -1.95 -2.91
SHOEMAKER___GT 23640	36.42 1.25 0.00	34.81 1.20 0.00	36.41 1.24 0.00	36.10 1.26 0.00	34.82 1.19 0.00	35.21 1.32 0.00	45.96 1.98 0.00	63.30 2.72 0.00	49.86 2.24 0.00	41.49 1.70 0.00	33.24 1.79 12.46	49.36 2.07 0.00	49.24 2.01 0.00	53.42 2.10 0.00	64.49 2.69 0.00	80.30 3.60 0.00	77.17 3.63 0.00	77.51 4.05 -2.24	76.22 4.06 -0.59	72.34 3.86 -1.57	73.63 3.09 -14.16	72.16 3.00 -14.05	72.08 3.58 0.00	59.00 2.68 0.00
SHOEMAKR_138KV_BK 111 55601	36.41 1.24 0.00	34.80 1.19 0.00	36.41 1.25 0.00	36.09 1.26 0.00	34.81 1.19 0.00	35.21 1.32 0.00	45.95 1.98 0.00	63.28 2.70 0.00	49.85 2.24 0.00	41.48 1.69 0.00	33.48 1.81 12.23	49.38 2.10 0.00	49.26 2.03 0.00	53.46 2.14 0.00	64.51 2.71 0.00	80.29 3.60 0.00	77.16 3.61 0.00	77.47 4.03 -2.22	76.21 4.06 -0.59	72.32 3.86 -1.55	73.49 3.08 -14.04	72.03 3.00 -13.93	72.05 3.55 0.00	58.98 2.67 0.00
SHOREHAM_IC_1 23715	37.83 2.66 0.00	35.91 2.31 0.00	37.63 2.46 0.00	37.24 2.41 0.00	35.91 2.28 0.00	36.34 2.45 0.00	51.05 3.68 -3.40	64.67 4.09 0.00	51.00 3.39 0.00	39.37 3.02 3.45	61.36 3.77 -13.68	63.69 4.18 -12.22	63.12 4.59 -11.30	55.56 4.24 -0.01	66.50 4.69 0.00	83.12 6.42 0.00	79.43 5.89 0.00	80.77 6.95 -2.59	81.56 7.12 -2.88	75.79 6.54 -2.34	78.06 5.32 -16.37	76.64 5.30 -16.24	77.55 6.65 -2.40	61.32 5.00 0.00
SHOREHAM_IC_2 23716	37.83 2.66 0.00	35.91 2.31 0.00	37.63 2.46 0.00	37.24 2.41 0.00	35.91 2.28 0.00	36.34 2.45 0.00	51.05 3.68 -3.40	64.67 4.09 0.00	51.00 3.39 0.00	39.37 3.02 3.45	61.36 3.77 -13.68	63.69 4.18 -12.22	63.12 4.59 -11.30	55.56 4.24 -0.01	66.50 4.69 0.00	83.12 6.42 0.00	79.43 5.89 0.00	80.77 6.95 -2.59	81.56 7.12 -2.88	75.79 6.54 -2.34	78.06 5.32 -16.37	76.64 5.30 -16.24	77.55 6.65 -2.40	61.32 5.00 0.00
SISSONVILLE____ 23735	34.72 -0.45 0.00	33.06 -0.55 0.00	34.56 -0.60 0.00	34.25 -0.58 0.00	33.04 -0.59 0.00	33.16 -0.73 0.00	42.96 -1.02 0.00	59.44 -1.14 0.00	46.71 -0.91 0.00	39.24 -0.56 0.00	43.08 -0.83 0.00	46.15 -1.14 0.00	45.76 -1.47 0.00	49.79 -1.53 0.00	60.10 -1.71 0.00	74.10 -2.60 0.00	71.42 -2.13 0.00	68.69 -2.54 0.00	69.02 -2.55 0.00	64.26 -2.65 0.00	54.17 -2.20 0.00	52.65 -2.46 0.00	65.68 -2.82 0.00	54.66 -1.66 0.00
SITHE_IND_GS1 24169	33.71 -1.46 0.00	32.24 -1.37 0.00	33.71 -1.45 0.00	33.38 -1.45 0.00	32.26 -1.37 0.00	32.50 -1.39 0.00	42.00 -1.98 0.00	57.83 -2.76 0.00	45.46 -2.15 0.00	38.01 -1.78 0.00	41.97 -1.94 0.00	45.18 -2.11 0.00	45.13 -2.10 0.00	49.04 -2.28 0.00	59.03 -2.77 0.00	73.33 -3.37 0.00	70.32 -3.22 0.00	68.29 -2.94 0.00	68.64 -2.97 -0.04	64.20 -2.83 -0.12	53.96 -2.44 -0.03	52.73 -2.42 -0.04	65.51 -2.99 0.00	53.85 -2.47 0.00
SITHE_IND_GS2 24170	33.71 -1.46 0.00	32.24 -1.37 0.00	33.71 -1.45 0.00	33.38 -1.45 0.00	32.26 -1.37 0.00	32.50 -1.39 0.00	42.00 -1.98 0.00	57.83 -2.76 0.00	45.46 -2.15 0.00	38.01 -1.78 0.00	41.97 -1.94 0.00	45.18 -2.11 0.00	45.13 -2.10 0.00	49.04 -2.28 0.00	59.03 -2.77 0.00	73.33 -3.37 0.00	70.32 -3.22 0.00	68.29 -2.94 0.00	68.64 -2.97 -0.04	64.20 -2.83 -0.12	53.96 -2.44 -0.03	52.73 -2.42 -0.04	65.51 -2.99 0.00	53.85 -2.47 0.00
SITHE_IND_GS3 24171	33.71 -1.46 0.00	32.24 -1.37 0.00	33.71 -1.45 0.00	33.38 -1.45 0.00	32.26 -1.37 0.00	32.50 -1.39 0.00	42.00 -1.98 0.00	57.83 -2.76 0.00	45.46 -2.15 0.00	38.01 -1.78 0.00	41.97 -1.94 0.00	45.18 -2.11 0.00	45.13 -2.10 0.00	49.04 -2.28 0.00	59.03 -2.77 0.00	73.33 -3.37 0.00	70.32 -3.22 0.00	68.29 -2.94 0.00	68.64 -2.97 -0.04	64.20 -2.83 -0.12	53.96 -2.44 -0.03	52.73 -2.42 -0.04	65.51 -2.99 0.00	53.85 -2.47 0.00
SITHE_IND_GS4 24172	33.71 -1.46 0.00	32.24 -1.37 0.00	33.71 -1.45 0.00	33.38 -1.45 0.00	32.26 -1.37 0.00	32.50 -1.39 0.00	42.00 -1.98 0.00	57.83 -2.76 0.00	45.46 -2.15 0.00	38.01 -1.78 0.00	41.97 -1.94 0.00	45.18 -2.11 0.00	45.13 -2.10 0.00	49.04 -2.28 0.00	59.03 -2.77 0.00	73.33 -3.37 0.00	70.32 -3.22 0.00	68.29 -2.94 0.00	68.64 -2.97 -0.04	64.20 -2.83 -0.12	53.96 -2.44 -0.03	52.73 -2.42 -0.04	65.51 -2.99 0.00	53.85 -2.47 0.00

SITHE___BATAVIA 24024	28.27 -3.26 3.64	24.38 -3.12 6.11	25.15 -3.36 6.66	24.89 -3.38 6.56	25.12 -3.12 5.38	24.41 -2.87 6.61	34.85 -2.71 6.42	50.12 -3.19 7.27	42.82 -4.03 0.77	34.19 -2.53 3.07	36.70 -2.84 4.37	36.79 -3.22 7.27	35.63 -3.30 8.30	38.13 -3.69 9.49	47.82 -4.25 9.73	59.62 -5.42 11.65	56.46 -5.14 11.95	55.20 -4.59 11.44	55.27 -4.89 11.41	50.51 -5.21 11.20	43.53 -4.50 8.34	42.28 -4.62 8.21	55.32 -4.44 8.74	47.16 -3.17 6.00
SITHE___INDEPEND 23800	33.71 -1.46 0.00	32.24 -1.37 0.00	33.70 -1.47 0.00	33.38 -1.46 0.00	32.26 -1.37 0.00	32.50 -1.39 0.00	42.00 -1.98 0.00	57.82 -2.77 0.00	45.46 -2.15 0.00	38.01 -1.78 0.00	41.96 -1.95 0.00	45.15 -2.13 0.00	45.12 -2.11 0.00	49.03 -2.29 0.00	59.02 -2.78 0.00	73.31 -3.38 0.00	70.30 -3.24 0.00	68.29 -2.94 0.00	68.63 -2.98 -0.04	64.19 -2.83 -0.12	53.96 -2.44 -0.03	52.73 -2.42 -0.04	65.50 -3.00 0.00	53.84 -2.48 0.00
SITHE___MASSENA 23902	35.46 0.29 0.00	33.81 0.19 0.00	35.35 0.19 0.00	35.03 0.19 0.00	33.78 0.15 0.00	34.01 0.12 0.00	44.14 0.17 0.00	61.01 0.42 0.00	47.94 0.32 0.00	40.27 0.48 0.00	44.30 0.39 0.00	47.51 0.22 0.00	47.32 0.09 0.00	51.47 0.16 0.00	62.04 0.23 0.00	76.49 -0.21 0.00	73.49 -0.05 0.00	70.62 -0.60 0.00	71.00 -0.57 0.00	66.15 -0.76 0.00	55.80 -0.57 0.00	54.32 -0.78 0.00	67.85 -0.64 0.00	56.41 0.09 0.00
SITHE___OGDNSBRG 24021	35.77 0.60 0.00	34.08 0.46 0.00	35.64 0.47 0.00	35.32 0.48 0.00	34.06 0.43 0.00	34.27 0.37 0.00	44.53 0.55 0.00	61.66 1.08 0.00	48.44 0.83 0.00	40.63 0.84 0.00	44.46 0.55 0.00	47.46 0.17 0.00	47.08 -0.15 0.00	51.37 0.05 0.00	62.01 0.21 0.00	76.66 -0.03 0.00	74.09 0.54 0.00	71.29 0.06 0.00	71.68 0.11 0.00	66.72 -0.19 0.00	56.23 -0.14 0.00	54.61 -0.50 0.00	68.17 -0.33 0.00	56.72 0.40 0.00
SITHE___STERLING 23777	35.57 0.40 0.00	34.06 0.44 0.00	35.63 0.47 0.00	35.32 0.48 0.00	34.16 0.53 0.00	34.52 0.63 0.00	44.93 0.95 0.00	61.92 1.34 0.00	48.71 1.10 0.00	40.66 0.87 0.00	44.96 1.06 0.00	48.65 1.36 0.00	48.43 1.20 0.00	52.52 1.21 0.00	63.35 1.55 0.00	78.76 2.06 0.00	75.48 1.93 0.00	73.13 1.91 0.00	73.46 1.85 -0.04	68.69 1.68 -0.11	57.68 1.28 -0.03	56.34 1.20 -0.04	69.79 1.29 0.00	57.24 0.92 0.00
SLEIGHT__34_KV_TB1 80719	33.05 -2.12 0.00	31.57 -2.04 0.00	32.99 -2.18 0.00	32.65 -2.18 0.00	31.61 -2.01 0.00	31.99 -1.90 0.00	41.68 -2.30 0.00	56.84 -3.14 0.60	44.17 -2.51 0.93	37.94 -1.85 0.00	41.86 -2.05 0.00	44.92 -2.37 0.00	44.96 -2.27 0.00	48.84 -2.47 0.00	58.84 -2.96 0.00	73.09 -3.60 0.00	70.10 -3.45 0.00	68.22 -3.00 0.00	68.61 -3.04 -0.08	64.03 -3.10 -0.22	53.62 -2.81 -0.06	52.33 -2.85 -0.08	65.35 -3.15 0.00	53.84 -2.47 0.00
SOUTH CAIRO___GT 23612	38.15 2.98 0.00	36.45 2.83 0.00	38.15 2.98 0.00	37.78 2.94 0.00	36.48 2.86 0.00	36.77 2.88 0.00	47.96 3.98 0.00	66.26 5.68 0.00	52.11 4.49 0.00	43.13 3.34 0.00	48.51 3.60 -1.00	50.88 3.60 0.00	51.14 3.91 0.00	55.33 4.01 0.00	67.21 5.40 0.00	83.95 7.25 0.00	81.02 7.48 0.00	84.62 7.94 -5.45	80.32 7.91 -0.84	76.57 7.44 -2.23	96.54 6.10 -34.06	94.68 5.90 -33.67	75.66 7.17 0.00	61.78 5.46 0.00
SOUTH HAMPTN___IC 23720	37.78 2.61 0.00	35.88 2.27 0.00	37.59 2.43 0.00	37.23 2.39 0.00	35.88 2.26 0.00	36.36 2.47 0.00	51.11 3.75 -3.39	64.83 4.25 0.00	51.14 3.52 0.00	37.25 3.08 5.63	61.35 3.77 -13.67	63.67 4.18 -12.21	62.99 4.48 -11.29	55.52 4.20 -0.01	66.58 4.78 0.00	83.22 6.53 0.00	79.57 6.02 0.00	80.94 7.12 -2.59	81.71 7.27 -2.87	75.97 6.72 -2.34	78.18 5.44 -16.37	76.69 5.34 -16.24	77.61 6.71 -2.39	61.35 5.03 0.00
SOUTHDOW_115KV_TB1 355954	27.93 -3.13 4.10	23.55 -3.15 6.91	24.27 -3.31 7.58	24.04 -3.32 7.48	24.39 -3.10 6.13	23.56 -2.80 7.53	32.31 -3.23 8.43	46.15 -4.50 9.93	43.47 -3.78 0.37	34.01 -2.11 3.67	36.46 -2.23 5.22	36.05 -2.54 8.70	34.68 -2.63 9.92	37.00 -2.96 11.35	46.57 -3.60 11.63	58.42 -4.64 13.63	55.31 -4.81 13.42	53.95 -4.51 12.77	53.93 -4.85 12.80	49.84 -4.54 12.53	43.08 -4.37 8.92	42.18 -4.17 8.76	54.55 -3.99 9.96	46.85 -2.64 6.83
SOUTHOLD_69_KV_BK 2 55809	37.52 2.35 0.00	35.61 2.00 0.00	37.33 2.17 0.00	36.97 2.13 0.00	35.64 2.02 0.00	36.16 2.27 0.00	50.88 3.51 -3.39	64.57 3.99 0.00	50.92 3.30 0.00	36.96 2.84 5.67	61.07 3.49 -13.67	63.36 3.86 -12.21	62.62 4.10 -11.29	55.15 3.83 -0.01	66.18 4.37 0.00	82.85 6.16 0.00	79.36 5.82 0.00	80.81 7.00 -2.59	81.60 7.15 -2.87	75.81 6.57 -2.34	78.02 5.28 -16.37	76.47 5.13 -16.24	77.28 6.39 -2.39	61.03 4.71 0.00
SOUTHOLD___IC 23719	37.52 2.35 0.00	35.61 2.00 0.00	37.32 2.16 0.00	36.97 2.13 0.00	35.64 2.02 0.00	36.16 2.26 0.00	50.88 3.51 -3.39	64.56 3.98 0.00	50.92 3.30 0.00	36.97 2.84 5.67	61.05 3.47 -13.67	63.35 3.85 -12.21	62.61 4.09 -11.29	55.13 3.81 -0.01	66.16 4.35 0.00	82.83 6.14 0.00	79.32 5.77 0.00	80.78 6.97 -2.59	81.57 7.12 -2.87	75.79 6.54 -2.34	78.01 5.27 -16.37	76.47 5.13 -16.24	77.27 6.38 -2.39	61.02 4.70 0.00
SOUTH_FORK_WT_PWR 323839	37.03 1.86 0.00	35.15 1.54 0.00	36.84 1.68 0.00	36.48 1.65 0.00	35.19 1.56 0.00	35.68 1.79 0.00	50.27 2.91 -3.39	63.72 3.14 0.00	50.25 2.63 0.00	36.44 2.29 5.65	60.44 2.86 -13.67	62.70 3.21 -12.21	61.94 3.43 -11.29	54.41 3.09 -0.01	65.28 3.48 0.00	81.77 5.07 0.00	78.33 4.78 0.00	79.81 6.00 -2.59	80.58 6.14 -2.87	74.90 5.65 -2.34	77.25 4.51 -16.37	75.72 4.37 -16.24	76.34 5.45 -2.39	60.25 3.94 0.00
SPIERFLS_115KV_TB 1 80737	37.35 2.18 0.00	35.65 2.04 0.00	37.29 2.13 0.00	36.89 2.06 0.00	35.61 1.99 0.00	35.97 2.07 0.00	46.93 2.96 0.00	64.49 3.91 0.00	50.69 3.08 0.00	41.96 2.17 0.00	48.19 2.38 -1.90	49.92 2.64 0.00	49.75 2.52 0.00	53.86 2.55 0.00	64.70 2.90 0.00	80.39 3.69 0.00	77.08 3.53 0.00	86.16 3.81 -11.13	76.10 3.61 -0.92	72.99 3.63 -2.45	128.37 3.08 -68.92	126.11 3.03 -67.97	71.89 3.39 0.00	58.78 2.47 0.00
ST LAWRENCE____ 23600	35.08 -0.09 0.00	33.45 -0.16 0.00	34.98 -0.18 0.00	34.67 -0.17 0.00	33.42 -0.21 0.00	33.67 -0.22 0.00	43.72 -0.26 0.00	60.39 -0.19 0.00	47.46 -0.16 0.00	39.84 0.05 0.00	43.88 -0.03 0.00	47.10 -0.19 0.00	46.97 -0.26 0.00	51.07 -0.24 0.00	61.53 -0.28 0.00	76.11 -0.58 0.00	73.07 -0.48 0.00	70.21 -1.02 0.00	70.60 -0.97 0.00	65.80 -1.11 0.00	55.50 -0.86 0.00	54.11 -1.00 0.00	67.55 -0.95 0.00	55.89 -0.43 0.00
STATE_CA_115KV_115_LB 55624	36.92 1.75 0.00	35.30 1.68 0.00	36.93 1.76 0.00	36.58 1.74 0.00	35.28 1.65 0.00	35.51 1.61 0.00	46.10 2.12 0.00	63.44 2.85 0.00	49.89 2.27 0.00	41.50 1.71 0.00	47.82 1.92 -1.99	49.48 2.20 0.00	49.49 2.26 0.00	53.78 2.46 0.00	64.84 3.04 0.00	80.56 3.87 0.00	77.19 3.65 0.00	83.25 3.85 -8.17	76.25 3.78 -0.90	73.05 3.75 -2.40	110.27 3.15 -50.75	108.30 3.09 -50.10	72.18 3.69 0.00	59.03 2.71 0.00

STATE_ST_34_KV_LOAD 55959	34.41 -0.75 0.00	32.91 -0.70 0.00	34.43 -0.73 0.00	34.10 -0.74 0.00	32.95 -0.68 0.00	33.31 -0.58 0.00	43.22 -0.76 0.00	59.95 -1.14 -0.51	47.61 -0.77 -0.77	39.12 -0.67 0.00	43.19 -0.72 0.00	46.43 -0.86 0.00	46.48 -0.75 0.00	50.46 -0.85 0.00	60.75 -1.06 0.00	75.50 -1.19 0.00	72.45 -1.10 0.00	70.93 -0.64 -0.34	71.25 -0.41 -0.09	66.69 -0.46 -0.23	58.01 -0.52 -2.16	56.65 -0.59 -2.14	67.73 -0.77 0.00	55.63 -0.69 0.00
STATION 5_MISC_HYD 23604	32.41 -2.76 0.00	30.95 -2.66 0.00	32.32 -2.85 0.00	31.97 -2.86 0.00	30.96 -2.67 0.00	31.36 -2.54 0.00	40.85 -3.13 0.00	55.78 -4.22 0.58	43.22 -3.49 0.90	37.32 -2.47 0.00	41.17 -2.74 0.00	44.21 -3.07 0.00	44.14 -3.09 0.00	47.99 -3.33 0.00	57.81 -3.99 0.00	71.74 -4.96 0.00	68.81 -4.73 0.00	66.90 -4.33 0.00	67.16 -4.49 -0.09	62.52 -4.62 -0.23	52.41 -4.03 -0.07	51.13 -4.06 -0.09	64.20 -4.30 0.00	53.11 -3.21 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	33.24 -1.93 0.00	31.74 -1.87 0.00	33.16 -2.00 0.00	32.82 -2.02 0.00	31.80 -1.83 0.00	32.21 -1.68 0.00	41.93 -2.05 0.00	56.68 -2.73 1.18	43.73 -2.07 1.81	38.25 -1.54 0.00	42.18 -1.73 0.00	45.29 -1.99 0.00	45.32 -1.91 0.00	49.20 -2.12 0.00	59.29 -2.52 0.00	73.63 -3.06 0.00	70.59 -2.96 0.00	68.75 -2.48 0.00	69.08 -2.57 -0.09	64.51 -2.63 -0.23	54.03 -2.40 -0.07	52.73 -2.46 -0.09	65.82 -2.68 0.00	54.28 -2.04 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.36 -2.81 0.00	30.90 -2.71 0.00	32.24 -2.92 0.00	31.91 -2.92 0.00	30.92 -2.71 0.00	31.28 -2.61 0.00	40.76 -3.21 0.00	55.58 -4.32 0.68	43.03 -3.52 1.06	37.25 -2.54 0.00	41.07 -2.84 0.00	44.07 -3.22 0.00	44.02 -3.21 0.00	47.84 -3.48 0.00	57.66 -4.14 0.00	71.56 -5.13 0.00	68.60 -4.95 0.00	66.70 -4.52 0.00	66.95 -4.70 -0.08	62.41 -4.73 -0.23	52.28 -4.16 -0.06	51.02 -4.17 -0.08	64.02 -4.48 0.00	52.92 -3.40 0.00
STA_56___34_KV_BUS2 355983	32.36 -2.81 0.00	30.90 -2.71 0.00	32.24 -2.92 0.00	31.91 -2.92 0.00	30.92 -2.71 0.00	31.28 -2.61 0.00	40.76 -3.21 0.00	55.58 -4.32 0.68	43.03 -3.52 1.06	37.25 -2.54 0.00	41.07 -2.84 0.00	44.07 -3.22 0.00	44.02 -3.21 0.00	47.84 -3.48 0.00	57.66 -4.14 0.00	71.56 -5.13 0.00	68.60 -4.95 0.00	66.70 -4.52 0.00	66.95 -4.70 -0.08	62.41 -4.73 -0.23	52.28 -4.16 -0.06	51.02 -4.17 -0.08	64.02 -4.48 0.00	52.92 -3.40 0.00
STA_67___115KV_BK2 355882	32.32 -2.85 0.00	30.85 -2.76 0.00	32.19 -2.97 0.00	31.86 -2.98 0.00	30.87 -2.76 0.00	31.24 -2.65 0.00	40.72 -3.26 0.00	55.62 -4.39 0.57	43.10 -3.61 0.90	37.20 -2.59 0.00	41.01 -2.90 0.00	44.00 -3.28 0.00	43.94 -3.29 0.00	47.74 -3.58 0.00	57.54 -4.26 0.00	71.41 -5.29 0.00	68.48 -5.07 0.00	66.56 -4.66 0.00	66.80 -4.85 -0.09	62.27 -4.87 -0.23	52.15 -4.28 -0.07	50.91 -4.28 -0.09	63.99 -4.51 0.00	52.92 -3.40 0.00
STA_7___115KV_9TRANS 80674	32.58 -2.59 0.00	31.10 -2.52 0.00	32.44 -2.73 0.00	32.10 -2.74 0.00	31.10 -2.52 0.00	31.50 -2.40 0.00	41.07 -2.91 0.00	56.11 -3.89 0.58	43.50 -3.22 0.90	37.54 -2.25 0.00	41.39 -2.51 0.00	44.43 -2.86 0.00	44.37 -2.86 0.00	48.22 -3.09 0.00	58.14 -3.67 0.00	72.16 -4.53 0.00	69.18 -4.36 0.00	67.29 -3.93 0.00	67.54 -4.11 -0.09	62.93 -4.21 -0.23	52.70 -3.74 -0.07	51.42 -3.77 -0.09	64.58 -3.92 0.00	53.39 -2.93 0.00
STA_82___115KV_TB1 80780	32.33 -2.84 0.00	30.87 -2.75 -0.01	32.22 -2.96 -0.02	31.89 -2.97 -0.02	30.89 -2.75 -0.02	31.27 -2.64 -0.02	40.75 -3.25 -0.02	55.63 -4.37 0.58	43.11 -3.59 0.91	37.21 -2.58 0.00	41.02 -2.89 0.00	44.01 -3.28 0.00	43.96 -3.27 0.00	47.75 -3.57 0.00	57.57 -4.24 -0.01	71.43 -5.27 0.00	68.49 -5.06 -0.01	66.61 -4.62 -0.01	66.85 -4.81 -0.09	62.30 -4.85 -0.23	52.17 -4.27 -0.07	50.94 -4.26 -0.09	64.03 -4.50 -0.03	52.94 -3.39 -0.02
STEEL___WIND 323596	23.56 -4.20 7.41	17.08 -4.05 12.48	17.16 -4.30 13.70	16.99 -4.33 13.52	18.47 -4.08 11.08	16.43 -3.85 13.61	24.00 -4.77 15.21	36.23 -6.67 17.69	41.25 -5.82 0.54	29.31 -3.86 6.62	30.24 -4.26 9.41	26.82 -4.78 15.68	24.55 -4.78 17.90	25.61 -5.24 20.47	34.46 -6.36 20.98	44.17 -7.93 24.59	41.72 -7.61 24.22	40.66 -7.08 23.49	40.97 -7.39 23.21	36.52 -7.48 22.91	31.07 -6.42 18.88	30.19 -6.34 18.57	44.00 -6.51 18.00	39.21 -4.76 12.35
STEPHTWN_115KV_BK_2 55603	37.11 1.94 0.00	35.49 1.88 0.00	37.13 1.96 0.00	36.74 1.90 0.00	35.51 1.88 0.00	35.77 1.88 0.00	46.50 2.53 0.00	63.97 3.39 0.00	50.42 2.80 0.00	41.85 2.06 0.00	48.31 2.40 -2.01	49.92 2.64 0.00	49.86 2.63 0.00	54.23 2.91 0.00	65.40 3.60 0.00	81.39 4.69 0.00	77.98 4.43 0.00	82.94 4.75 -6.95	77.19 4.73 -0.89	73.94 4.65 -2.37	103.53 3.85 -43.31	101.71 3.82 -42.78	72.96 4.46 0.00	59.65 3.33 0.00
STEUBEN_REC_LFGE 323667	48.76 -3.85 -17.44	59.24 -3.80 -29.44	63.62 -3.96 -32.41	62.98 -3.84 -31.97	56.25 -3.59 -26.21	62.91 -3.18 -32.19	75.56 -4.27 -35.85	95.28 -5.99 -40.68	45.11 -3.50 -1.00	51.52 -3.78 -15.51	61.80 -4.17 -22.06	79.56 -4.51 -36.79	85.21 -4.00 -41.98	95.13 -4.19 -48.01	105.76 -5.25 -49.21	128.20 -6.19 -57.69	124.80 -5.66 -56.92	123.26 -4.87 -56.90	120.93 -5.61 -54.97	116.21 -5.67 -54.98	106.26 -5.16 -55.05	104.49 -5.00 -54.39	105.05 -6.02 -42.57	80.64 -4.89 -29.21
STILLWATER___SOLAR 323814	37.14 1.97 0.00	35.48 1.86 0.00	37.11 1.95 0.00	36.73 1.89 0.00	35.45 1.82 0.00	35.76 1.87 0.00	46.54 2.56 0.00	63.98 3.40 0.00	50.27 2.65 0.00	41.66 1.87 0.00	47.89 2.03 -1.95	49.59 2.30 0.00	49.59 2.36 0.00	53.87 2.55 0.00	64.87 3.07 0.00	80.76 4.07 0.00	77.38 3.84 0.00	86.06 4.06 -10.77	76.41 3.92 -0.92	73.27 3.93 -2.44	126.39 3.32 -66.69	124.18 3.29 -65.78	72.34 3.84 0.00	59.22 2.90 0.00
STONY___BROOK 24151	37.87 2.70 0.00	36.01 2.40 0.00	37.69 2.53 0.00	37.36 2.53 0.00	36.00 2.37 0.00	36.55 2.66 0.00	51.37 3.99 -3.41	65.49 4.91 0.00	51.68 4.06 0.00	42.90 3.37 0.26	61.61 4.01 -13.69	64.00 4.46 -12.26	63.20 4.64 -11.33	55.85 4.53 -0.01	67.04 5.24 0.00	83.59 6.89 0.00	79.58 6.04 0.00	80.95 7.14 -2.59	81.67 7.22 -2.88	75.98 6.73 -2.34	78.29 5.55 -16.37	76.60 5.25 -16.24	77.67 6.76 -2.40	61.42 5.10 0.00
STURGEON_POOL_HYD 23609	37.62 2.45 0.00	35.93 2.32 0.00	37.57 2.41 0.00	37.25 2.42 0.00	35.95 2.32 0.00	36.41 2.52 0.00	48.00 4.02 0.00	66.41 5.83 0.00	52.44 4.83 0.00	43.63 3.84 0.00	46.28 4.05 1.68	51.88 4.59 0.00	51.63 4.40 0.00	56.06 4.75 0.00	67.81 6.01 0.00	84.37 7.67 0.00	81.40 7.86 0.00	82.97 8.54 -3.21	80.88 8.62 -0.69	76.80 8.06 -1.84	83.04 6.50 -20.17	81.34 6.26 -19.98	75.91 7.41 0.00	61.95 5.63 0.00
ST_LAW_115_BK7_LBMP 345037	35.10 -0.07 0.00	33.48 -0.13 0.00	35.01 -0.15 0.00	34.69 -0.15 0.00	33.45 -0.18 0.00	33.69 -0.20 0.00	43.74 -0.23 0.00	60.42 -0.16 0.00	47.48 -0.14 0.00	39.87 0.08 0.00	43.89 -0.01 0.00	47.10 -0.19 0.00	46.96 -0.27 0.00	51.07 -0.24 0.00	61.54 -0.27 0.00	76.09 -0.61 0.00	73.05 -0.49 0.00	70.17 -1.06 0.00	70.55 -1.02 0.00	65.75 -1.16 0.00	55.48 -0.89 0.00	54.06 -1.05 0.00	67.51 -0.99 0.00	55.91 -0.41 0.00

ST_LAW_115_BK8_LBMP 345038	35.10 -0.07 0.00	33.48 -0.13 0.00	35.01 -0.15 0.00	34.69 -0.15 0.00	33.45 -0.18 0.00	33.69 -0.20 0.00	43.74 -0.23 0.00	60.42 -0.16 0.00	47.48 -0.14 0.00	39.87 0.08 0.00	43.89 -0.01 0.00	47.10 -0.19 0.00	46.96 -0.27 0.00	51.07 -0.24 0.00	61.54 -0.27 0.00	76.09 -0.61 0.00	73.05 -0.49 0.00	70.17 -1.06 0.00	70.55 -1.02 0.00	65.75 -1.16 0.00	55.48 -0.89 0.00	54.06 -1.05 0.00	67.51 -0.99 0.00	55.91 -0.41 0.00
ST_LAW_230_BK5_LBMP 345035	35.08 -0.09 0.00	33.45 -0.16 0.00	34.98 -0.18 0.00	34.67 -0.17 0.00	33.42 -0.21 0.00	33.67 -0.22 0.00	43.72 -0.26 0.00	60.39 -0.19 0.00	47.46 -0.16 0.00	39.84 0.05 0.00	43.88 -0.03 0.00	47.10 -0.19 0.00	46.97 -0.26 0.00	51.07 -0.24 0.00	61.53 -0.28 0.00	76.11 -0.58 0.00	73.07 -0.48 0.00	70.21 -1.02 0.00	70.60 -0.97 0.00	65.80 -1.11 0.00	55.50 -0.86 0.00	54.11 -1.00 0.00	67.55 -0.95 0.00	55.89 -0.43 0.00
ST_LAW_230_BK6_LBMP 345036	35.08 -0.09 0.00	33.45 -0.16 0.00	34.98 -0.18 0.00	34.67 -0.17 0.00	33.42 -0.21 0.00	33.67 -0.22 0.00	43.72 -0.26 0.00	60.39 -0.19 0.00	47.46 -0.16 0.00	39.84 0.05 0.00	43.88 -0.03 0.00	47.10 -0.19 0.00	46.97 -0.26 0.00	51.07 -0.24 0.00	61.53 -0.28 0.00	76.11 -0.58 0.00	73.07 -0.48 0.00	70.21 -1.02 0.00	70.60 -0.97 0.00	65.80 -1.11 0.00	55.50 -0.86 0.00	54.11 -1.00 0.00	67.55 -0.95 0.00	55.89 -0.43 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.60 1.43 0.00	34.99 1.38 0.00	36.60 1.43 0.00	36.28 1.45 0.00	34.99 1.36 0.00	35.40 1.51 0.00	46.24 2.27 0.00	63.68 3.10 0.00	50.20 2.59 0.00	41.75 1.96 0.00	32.79 2.10 13.22	49.72 2.44 0.00	49.63 2.40 0.00	53.88 2.57 0.00	64.96 3.16 0.00	80.86 4.16 0.00	77.68 4.13 0.00	78.13 4.60 -2.30	76.83 4.65 -0.61	72.90 4.38 -1.61	74.46 3.52 -14.57	72.98 3.42 -14.45	72.55 4.05 0.00	59.35 3.03 0.00
SWANROAD_115KV_TB1 355699	24.40 -5.23 5.54	19.33 -5.02 9.26	19.74 -5.40 10.01	19.55 -5.41 9.88	20.46 -5.07 8.10	19.01 -4.94 9.94	26.72 -6.12 11.13	38.53 -8.49 13.56	39.53 -7.45 0.64	29.56 -5.24 5.00	30.90 -5.90 7.11	28.86 -6.58 11.85	27.17 -6.54 13.52	28.62 -7.23 15.46	37.29 -8.67 15.84	47.31 -10.80 18.59	44.93 -10.34 18.28	43.70 -9.87 17.65	43.89 -10.19 17.49	39.54 -10.13 17.23	33.92 -8.67 13.78	33.05 -8.50 13.56	46.73 -8.62 13.14	41.10 -6.19 9.03
SYNERGY___BIOGAS 323694	28.27 -3.26 3.64	24.38 -3.12 6.11	25.15 -3.36 6.66	24.89 -3.38 6.56	25.12 -3.12 5.38	24.41 -2.87 6.61	34.85 -2.71 6.42	50.12 -3.19 7.27	42.82 -4.03 0.77	34.19 -2.53 3.07	36.70 -2.84 4.37	36.79 -3.22 7.27	35.63 -3.30 8.30	38.13 -3.69 9.49	47.82 -4.25 9.73	59.62 -5.42 11.65	56.46 -5.14 11.95	55.20 -4.59 11.44	55.27 -4.89 11.41	50.51 -5.21 11.20	43.53 -4.50 8.34	42.28 -4.62 8.21	55.32 -4.44 8.74	47.16 -3.17 6.00
SYRACUSE___ENERGY_ST1 323597	34.41 -0.75 0.00	32.92 -0.69 0.00	34.43 -0.73 0.00	34.11 -0.73 0.00	32.95 -0.68 0.00	33.26 -0.63 0.00	43.10 -0.88 0.00	59.49 -1.26 -0.17	46.94 -0.93 -0.26	39.01 -0.78 0.00	43.07 -0.84 0.00	46.34 -0.95 0.00	46.35 -0.88 0.00	50.39 -0.93 0.00	60.66 -1.15 0.00	75.36 -1.34 0.00	72.27 -1.27 0.00	70.33 -0.90 0.00	70.76 -0.88 -0.07	66.22 -0.88 -0.19	55.58 -0.85 -0.05	54.28 -0.89 -0.07	67.33 -1.17 0.00	55.29 -1.03 0.00
SYRACUSE___ENERGY_ST2 323598	34.41 -0.75 0.00	32.92 -0.69 0.00	34.43 -0.73 0.00	34.11 -0.73 0.00	32.95 -0.68 0.00	33.26 -0.63 0.00	43.10 -0.88 0.00	59.49 -1.26 -0.17	46.94 -0.93 -0.26	39.01 -0.78 0.00	43.07 -0.84 0.00	46.34 -0.95 0.00	46.35 -0.88 0.00	50.39 -0.93 0.00	60.66 -1.15 0.00	75.36 -1.34 0.00	72.27 -1.27 0.00	70.33 -0.90 0.00	70.76 -0.88 -0.07	66.22 -0.88 -0.19	55.58 -0.85 -0.05	54.28 -0.89 -0.07	67.33 -1.17 0.00	55.29 -1.03 0.00
SYRACUSE___POWER 24017	34.43 -0.74 0.00	32.92 -0.69 0.00	34.43 -0.73 0.00	34.11 -0.72 0.00	32.95 -0.67 0.00	33.27 -0.62 0.00	43.13 -0.84 0.00	59.47 -1.20 -0.08	46.86 -0.89 -0.13	39.06 -0.73 0.00	43.14 -0.77 0.00	46.41 -0.88 0.00	46.41 -0.81 0.00	50.44 -0.87 0.00	60.74 -1.06 0.00	75.45 -1.25 0.00	72.35 -1.19 0.00	70.40 -0.83 0.00	70.79 -0.86 -0.07	66.24 -0.86 -0.20	55.59 -0.84 -0.06	54.31 -0.87 -0.07	67.36 -1.14 0.00	55.30 -1.02 0.00
TALLMAN___138KV_BK151 55660	36.79 1.62 0.00	35.17 1.56 0.00	36.79 1.63 0.00	36.47 1.63 0.00	35.16 1.53 0.00	35.59 1.69 0.00	46.54 2.56 0.00	64.08 3.50 0.00	50.53 2.92 0.00	42.00 2.21 0.00	31.10 2.37 15.18	50.05 2.76 0.00	49.97 2.74 0.00	54.24 2.93 0.00	65.37 3.57 0.00	81.34 4.65 0.00	78.18 4.63 0.00	78.72 5.10 -2.39	77.36 5.16 -0.63	73.44 4.85 -1.68	75.42 3.90 -15.14	73.95 3.82 -15.02	73.04 4.54 0.00	59.74 3.41 0.00
TEALLAVE_115KV_TB7 355573	34.24 -0.93 0.00	32.75 -0.87 0.00	34.24 -0.92 0.00	33.92 -0.91 0.00	32.77 -0.85 0.00	33.07 -0.82 0.00	42.85 -1.13 0.00	59.01 -1.58 0.00	46.42 -1.19 0.00	38.82 -0.97 0.00	42.87 -1.04 0.00	46.12 -1.16 0.00	46.12 -1.11 0.00	50.13 -1.19 0.00	60.37 -1.44 0.00	74.98 -1.72 0.00	71.89 -1.66 0.00	69.90 -1.33 0.00	70.26 -1.37 -0.06	65.73 -1.34 -0.16	55.19 -1.23 -0.05	53.92 -1.25 -0.06	66.92 -1.58 0.00	54.96 -1.36 0.00
TELGRAPH_34_KV_EAST 80808	26.40 -4.21 4.56	21.91 -4.04 7.65	22.46 -4.37 8.34	22.23 -4.38 8.23	22.82 -4.07 6.75	21.71 -3.90 8.28	29.68 -4.84 9.46	42.30 -6.71 11.57	41.29 -5.61 0.71	31.95 -3.79 4.05	33.86 -4.28 5.76	32.84 -4.84 9.60	31.41 -4.86 10.96	33.40 -5.37 12.54	42.59 -6.37 12.85	53.66 -7.94 15.10	50.83 -7.73 14.98	49.54 -7.28 14.41	49.66 -7.59 14.32	45.19 -7.63 14.08	38.79 -6.62 10.96	37.76 -6.55 10.79	51.03 -6.52 10.95	44.13 -4.67 7.52
TEMPLE___115KV_TB 2 55572	34.24 -0.93 0.00	32.76 -0.85 0.00	34.25 -0.91 0.00	33.93 -0.90 0.00	32.79 -0.84 0.00	33.09 -0.80 0.00	42.88 -1.10 0.00	59.03 -1.56 0.00	46.44 -1.17 0.00	38.83 -0.96 0.00	42.89 -1.02 0.00	46.14 -1.15 0.00	46.13 -1.10 0.00	50.15 -1.17 0.00	60.38 -1.42 0.00	75.02 -1.67 0.00	71.91 -1.63 0.00	69.94 -1.29 0.00	70.30 -1.33 -0.06	65.77 -1.31 -0.17	55.21 -1.21 -0.05	53.94 -1.23 -0.06	66.95 -1.55 0.00	55.00 -1.32 0.00
TIANA____69_KV_BK 1 55817	37.86 2.69 0.00	35.95 2.34 0.00	37.68 2.52 0.00	37.31 2.47 0.00	35.95 2.33 0.00	36.43 2.54 0.00	51.20 3.83 -3.39	64.96 4.38 0.00	51.22 3.61 0.00	37.29 3.16 5.66	61.44 3.86 -13.67	63.77 4.28 -12.21	63.10 4.58 -11.29	55.64 4.32 -0.01	66.72 4.91 0.00	83.38 6.69 0.00	79.72 6.17 0.00	81.07 7.26 -2.59	81.86 7.41 -2.87	76.08 6.83 -2.34	78.27 5.53 -16.37	76.78 5.44 -16.24	77.70 6.81 -2.39	61.45 5.14 0.00
TILDEN___115KV_TB1 80814	34.43 -0.74 0.00	32.92 -0.69 0.00	34.43 -0.73 0.00	34.11 -0.72 0.00	32.95 -0.67 0.00	33.27 -0.62 0.00	43.13 -0.84 0.00	59.47 -1.20 -0.08	46.86 -0.89 -0.13	39.06 -0.73 0.00	43.14 -0.77 0.00	46.41 -0.88 0.00	46.41 -0.81 0.00	50.44 -0.87 0.00	60.74 -1.06 0.00	75.45 -1.25 0.00	72.35 -1.19 0.00	70.40 -0.83 0.00	70.79 -0.86 -0.07	66.24 -0.86 -0.20	55.59 -0.84 -0.06	54.31 -0.87 -0.07	67.36 -1.14 0.00	55.30 -1.02 0.00

TRIGEN___CC 323695	37.49 2.32 0.00	35.75 2.14 0.00	37.41 2.24 0.00	37.08 2.25 0.00	35.75 2.12 0.00	36.25 2.36 0.00	53.45 3.48 -5.99	65.07 4.49 0.00	51.40 3.78 0.00	42.79 3.00 0.00	64.36 3.39 -17.06	72.72 3.86 -21.57	71.09 3.92 -19.94	55.37 4.04 -0.01	66.63 4.83 0.00	82.85 6.15 0.00	79.28 5.73 0.00	80.28 6.47 -2.59	82.62 6.50 -4.55	75.76 6.11 -2.74	77.73 4.98 -16.37	76.17 4.83 -16.24	78.70 5.97 -4.23	60.79 4.47 0.00
TRINITY___115KV___4 BK 55933	36.82 1.66 0.00	35.21 1.60 0.00	36.83 1.67 0.00	36.49 1.66 0.00	35.19 1.57 0.00	35.41 1.52 0.00	45.93 1.96 0.00	63.20 2.61 0.00	49.71 2.09 0.00	41.35 1.56 0.00	47.68 1.75 -2.02	49.28 2.00 0.00	49.27 2.04 0.00	53.56 2.24 0.00	64.58 2.78 0.00	80.21 3.51 0.00	76.83 3.29 0.00	81.86 3.50 -7.14	75.91 3.44 -0.90	72.73 3.44 -2.38	103.74 2.93 -44.45	101.89 2.89 -43.90	71.93 3.43 0.00	58.84 2.52 0.00
UNION___PROCESSING_DRP 323587	32.33 -2.84 0.00	30.88 -2.74 -0.01	32.23 -2.96 -0.02	31.89 -2.97 -0.02	30.90 -2.74 -0.02	31.28 -2.64 -0.02	40.76 -3.24 -0.02	55.63 -4.36 0.58	43.11 -3.58 0.92	37.22 -2.57 0.00	41.03 -2.88 0.00	44.03 -3.26 0.00	43.98 -3.26 0.00	47.77 -3.55 -0.01	57.58 -4.23 -0.01	71.48 -5.22 -0.01	68.51 -5.04 -0.01	66.62 -4.62 -0.01	66.86 -4.80 -0.09	62.32 -4.83 -0.24	52.18 -4.26 -0.07	50.95 -4.25 -0.09	64.04 -4.49 -0.03	52.96 -3.38 -0.02
UPPER HUDSON___HYD 24058	37.35 2.18 0.00	35.65 2.04 0.00	37.29 2.13 0.00	36.89 2.05 0.00	35.61 1.99 0.00	35.97 2.08 0.00	46.93 2.95 0.00	64.49 3.91 0.00	50.69 3.08 0.00	41.96 2.17 0.00	48.19 2.38 -1.90	49.92 2.63 0.00	49.75 2.52 0.00	53.86 2.55 0.00	64.70 2.90 0.00	80.39 3.69 0.00	77.08 3.53 0.00	86.16 3.81 -11.13	76.09 3.60 -0.92	72.98 3.63 -2.45	128.37 3.08 -68.92	126.11 3.03 -67.97	71.89 3.39 0.00	58.78 2.46 0.00
UPPER RAQUET___HYD 24056	34.72 -0.45 0.00	33.06 -0.55 0.00	34.56 -0.60 0.00	34.25 -0.58 0.00	33.04 -0.59 0.00	33.16 -0.73 0.00	42.96 -1.02 0.00	59.44 -1.14 0.00	46.71 -0.91 0.00	39.23 -0.56 0.00	43.08 -0.83 0.00	46.14 -1.14 0.00	45.76 -1.47 0.00	49.79 -1.53 0.00	60.09 -1.71 0.00	74.09 -2.61 0.00	71.41 -2.14 0.00	68.67 -2.56 0.00	69.00 -2.57 0.00	64.26 -2.65 0.00	54.14 -2.22 0.00	52.64 -2.47 0.00	65.67 -2.82 0.00	54.66 -1.66 0.00
VALLEY44_115KV_TB2 355964	29.89 -2.49 2.80	26.60 -2.31 4.71	27.56 -2.45 5.15	27.26 -2.49 5.08	27.17 -2.28 4.17	26.58 -2.20 5.12	35.23 -3.01 5.74	49.27 -4.45 6.86	43.55 -3.77 0.29	34.90 -2.39 2.51	37.91 -2.44 3.56	38.78 -2.56 5.94	37.97 -2.48 6.78	40.78 -2.78 7.75	50.49 -3.37 7.94	62.89 -4.50 9.30	59.37 -5.02 9.15	58.03 -4.66 8.53	58.19 -4.70 8.68	53.78 -4.71 8.43	47.11 -4.32 4.94	46.44 -3.82 4.84	57.95 -3.78 6.77	49.06 -2.61 4.65
VALLEY___115KV_TB 1-4 80826	35.36 0.19 0.00	33.80 0.19 0.00	35.34 0.18 0.00	34.98 0.15 0.00	33.78 0.15 0.00	34.14 0.25 0.00	44.47 0.49 0.00	61.80 1.22 0.00	48.50 0.89 0.00	39.68 -0.11 0.00	43.84 -0.07 0.00	47.84 0.55 0.00	48.01 0.78 0.00	52.19 0.88 0.00	62.56 0.76 0.00	77.69 1.00 0.00	74.37 0.83 0.00	72.51 1.28 0.00	72.79 1.23 0.00	68.25 1.34 0.00	57.49 1.12 0.00	56.23 1.13 0.00	69.54 1.04 0.00	56.83 0.51 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	36.78 1.61 0.00	35.17 1.56 0.00	36.85 1.69 0.00	36.49 1.66 0.00	35.25 1.62 0.00	35.60 1.71 0.00	46.38 2.40 0.00	63.93 3.36 0.01	50.44 2.82 0.00	42.12 2.33 0.00	45.34 2.58 1.15	49.99 2.71 0.00	50.02 2.79 0.00	54.46 3.14 0.00	65.61 3.81 0.00	81.55 4.85 0.00	78.52 4.98 0.00	78.66 5.20 -2.23	77.19 5.32 -0.30	72.89 5.18 -0.80	74.44 4.17 -13.89	72.87 4.04 -13.72	73.43 4.93 0.00	60.21 3.89 0.00
VISCHER___FERRY HYD 24020	36.86 1.69 0.00	35.23 1.62 0.00	36.84 1.68 0.00	36.48 1.65 0.00	35.19 1.56 0.00	35.45 1.56 0.00	46.01 2.03 0.00	63.30 2.72 0.00	49.76 2.15 0.00	41.30 1.51 0.00	47.68 1.69 -2.09	49.20 1.91 0.00	49.17 1.95 0.00	53.47 2.15 0.00	64.43 2.63 0.00	80.12 3.42 0.00	76.69 3.15 0.00	84.10 3.36 -9.52	75.74 3.26 -0.91	72.65 3.34 -2.40	118.27 2.88 -59.02	116.24 2.89 -58.24	71.92 3.42 0.00	58.89 2.57 0.00
V_A_10_SYNC_DSASP 323832	27.39 -4.26 3.52	23.57 -4.10 5.94	24.24 -4.37 6.56	23.98 -4.39 6.47	24.20 -4.13 5.30	23.37 -4.01 6.51	31.66 -5.03 7.28	45.11 -6.98 8.50	41.12 -5.78 0.72	32.44 -4.22 3.13	34.75 -4.71 4.45	34.65 -5.23 7.41	33.58 -5.19 8.46	35.93 -5.71 9.67	45.01 -6.88 9.91	56.46 -8.62 11.61	53.81 -8.29 11.45	52.44 -7.83 10.95	52.58 -8.06 10.93	48.15 -8.04 10.72	41.55 -6.86 7.95	40.50 -6.77 7.84	52.77 -7.11 8.61	45.14 -5.27 5.91
V_CMM_10_SYNC_DSASP 323787	35.28 0.11 0.00	33.64 0.03 0.00	35.18 0.02 0.00	34.86 0.02 0.00	33.61 -0.02 0.00	33.85 -0.04 0.00	43.96 0.00 0.00	60.72 0.14 0.00	47.71 0.10 0.00	40.08 0.29 0.00	44.12 0.21 0.00	47.34 0.05 0.00	47.20 -0.03 0.00	51.32 0.01 0.00	61.85 0.04 0.00	76.48 -0.22 0.00	73.42 -0.12 0.00	70.55 -0.67 0.00	70.93 -0.64 0.00	66.11 -0.80 0.00	55.76 -0.61 0.00	54.33 -0.77 0.00	67.85 -0.64 0.00	56.19 -0.13 0.00
V_CMP_10_SYNC_DSASP 323788	34.60 -0.57 0.00	32.96 -0.65 0.00	34.53 -0.63 0.00	24.01 -0.67 10.15	-15.97 -0.74 48.85	-21.72 -0.79 54.82	-27.53 -0.93 70.58	-29.32 -1.03 88.88	-27.94 -0.74 74.81	-27.23 -0.47 66.55	-27.55 -0.55 70.92	-27.80 -0.71 74.38	-27.81 -0.83 74.20	-28.23 -0.88 78.67	-13.84 -0.95 74.70	-21.99 -1.58 97.10	-30.33 -1.35 102.53	-29.95 -1.74 99.43	-30.07 -1.75 99.89	-29.52 -1.80 94.64	-13.58 -1.45 68.50	-28.45 -1.68 81.88	-29.76 -1.86 96.39	-1.08 -1.09 56.31
V_D_10_SYNC_DSASP 323841	35.46 0.29 0.00	33.81 0.19 0.00	35.35 0.19 0.00	35.02 0.19 0.00	33.78 0.15 0.00	34.01 0.12 0.00	44.14 0.17 0.00	61.01 0.42 0.00	47.94 0.32 0.00	40.27 0.48 0.00	44.30 0.39 0.00	47.51 0.23 0.00	47.32 0.10 0.00	51.48 0.16 0.00	62.04 0.23 0.00	76.49 -0.21 0.00	73.52 -0.03 0.00	70.63 -0.59 0.00	71.02 -0.55 0.00	66.16 -0.75 0.00	55.80 -0.57 0.00	54.34 -0.77 0.00	67.87 -0.62 0.00	56.41 0.09 0.00
V_E_10_SYNC_DSASP 323830	35.37 0.21 0.00	33.90 0.29 0.00	35.63 0.46 0.00	35.21 0.38 0.00	33.91 0.29 0.00	34.44 0.55 0.00	45.43 1.46 0.00	65.65 4.99 -0.08	51.89 4.12 -0.15	43.09 3.30 0.00	46.18 3.28 1.01	48.63 1.35 0.00	48.14 0.91 0.00	52.12 0.81 0.00	63.04 1.24 0.00	78.21 1.51 0.00	75.53 1.98 0.00	75.44 3.03 -1.18	75.05 3.27 -0.22	70.28 2.80 -0.57	65.54 1.76 -7.41	63.90 1.47 -7.33	70.08 1.58 0.00	57.36 1.04 0.00
V_F_30_NSYNC___DSASP 323816	37.18 2.01 0.00	35.50 1.89 0.00	37.13 1.97 0.00	36.76 1.92 0.00	35.48 1.85 0.00	35.80 1.91 0.00	46.59 2.62 0.00	64.06 3.48 0.00	50.33 2.72 0.00	41.73 1.94 0.00	47.96 2.12 -1.93	49.69 2.40 0.00	49.66 2.43 0.00	53.95 2.64 0.00	64.96 3.15 0.00	80.87 4.17 0.00	77.49 3.94 0.00	86.32 4.17 -10.93	76.51 4.02 -0.92	73.36 4.00 -2.44	127.44 3.38 -67.69	125.21 3.34 -66.77	72.41 3.91 0.00	59.27 2.95 0.00

V_F_30_SYNC_DSASP 323786	36.92 1.75 0.00	35.29 1.68 0.00	36.92 1.76 0.00	36.58 1.74 0.00	35.28 1.65 0.00	35.51 1.61 0.00	46.10 2.12 0.00	63.44 2.85 0.00	49.89 2.27 0.00	41.50 1.71 0.00	47.82 1.92 -1.99	49.48 2.19 0.00	49.49 2.26 0.00	53.78 2.46 0.00	64.84 3.04 0.00	80.56 3.87 0.00	77.19 3.64 0.00	83.16 3.85 -8.08	76.25 3.78 -0.90	73.05 3.75 -2.40	109.76 3.15 -50.24	107.79 3.09 -49.59	72.18 3.68 0.00	59.03 2.71 0.00
V_XM_10_SYNC_DSASP 323789	34.60 -0.57 0.00	32.96 -0.65 0.00	34.53 -0.63 0.00	24.01 -0.67 10.15	-15.97 -0.74 48.85	-21.72 -0.79 54.82	-27.53 -0.93 70.58	-29.32 -1.03 88.88	-27.94 -0.74 74.81	-27.23 -0.47 66.55	-27.55 -0.55 70.92	-27.80 -0.71 74.38	-27.81 -0.83 74.20	-28.23 -0.88 78.67	-13.84 -0.95 74.70	-21.99 -1.58 97.10	-30.33 -1.35 102.53	-29.95 -1.74 99.43	-30.07 -1.75 99.89	-29.52 -1.80 94.64	-13.58 -1.45 68.50	-28.45 -1.68 81.88	-29.76 -1.86 96.39	-1.08 -1.09 56.31
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.90 1.73 0.00	35.27 1.66 0.00	36.91 1.74 0.00	36.58 1.75 0.00	35.26 1.63 0.00	35.70 1.81 0.00	46.70 2.72 0.00	64.29 3.71 0.00	50.71 3.10 0.00	42.15 2.36 0.00	30.83 2.54 15.62	50.23 2.94 0.00	50.14 2.91 0.00	54.45 3.13 0.00	65.61 3.81 0.00	81.65 4.96 0.00	78.47 4.92 0.00	79.02 5.38 -2.42	77.66 5.45 -0.64	73.74 5.13 -1.70	75.80 4.14 -15.29	74.31 4.04 -15.17	73.30 4.80 0.00	59.93 3.61 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	37.18 2.01 0.00	35.55 1.93 0.00	37.15 1.99 0.00	36.84 2.00 0.00	35.48 1.86 0.00	35.91 2.01 0.00	46.95 2.97 0.00	64.62 4.04 0.00	51.06 3.45 0.00	42.46 2.67 0.00	56.15 2.95 -9.29	50.69 3.41 0.00	50.61 3.38 0.00	54.92 3.61 0.00	66.16 4.36 0.00	82.26 5.57 0.00	78.94 5.39 0.00	79.71 5.90 -2.58	78.20 5.95 -0.69	74.34 5.61 -1.82	77.21 4.48 -16.36	75.70 4.37 -16.22	73.74 5.24 0.00	60.25 3.93 0.00
W50THST__13_KV_LOAD 356117	37.29 2.12 0.00	35.66 2.05 0.00	37.28 2.11 0.00	36.95 2.12 0.00	35.60 1.98 0.00	36.01 2.12 0.00	47.09 3.12 0.00	64.85 4.27 0.00	51.27 3.66 0.00	42.65 2.86 0.00	56.37 3.16 -9.29	50.93 3.64 0.00	50.86 3.63 0.00	55.18 3.87 0.00	66.47 4.67 0.00	82.62 5.93 0.00	79.30 5.75 0.00	80.03 6.23 -2.58	78.49 6.24 -0.69	74.60 5.87 -1.82	77.42 4.69 -16.36	75.88 4.56 -16.22	73.97 5.47 0.00	60.43 4.11 0.00
WADING RIVER_IC_1 23522	37.80 2.63 0.00	35.87 2.26 0.00	37.61 2.44 0.00	37.21 2.38 0.00	35.87 2.25 0.00	36.27 2.38 0.00	50.98 3.61 -3.39	64.52 3.94 0.00	50.89 3.28 0.00	37.53 3.00 5.26	61.33 3.75 -13.67	63.66 4.16 -12.21	63.04 4.53 -11.29	55.53 4.21 -0.01	66.50 4.70 0.00	83.05 6.35 0.00	79.33 5.78 0.00	80.65 6.83 -2.59	81.43 6.98 -2.87	75.71 6.46 -2.34	77.99 5.25 -16.37	76.59 5.25 -16.24	77.49 6.60 -2.39	61.29 4.97 0.00
WADING RIVER_IC_2 23547	37.80 2.63 0.00	35.87 2.26 0.00	37.61 2.44 0.00	37.21 2.38 0.00	35.87 2.25 0.00	36.27 2.38 0.00	50.98 3.61 -3.39	64.52 3.94 0.00	50.89 3.28 0.00	37.53 3.00 5.26	61.33 3.75 -13.67	63.66 4.16 -12.21	63.04 4.53 -11.29	55.53 4.21 -0.01	66.50 4.70 0.00	83.05 6.35 0.00	79.33 5.78 0.00	80.65 6.83 -2.59	81.43 6.98 -2.87	75.71 6.46 -2.34	77.99 5.25 -16.37	76.59 5.25 -16.24	77.49 6.60 -2.39	61.29 4.97 0.00
WADING RIVER_IC_3 23601	37.80 2.63 0.00	35.87 2.26 0.00	37.61 2.44 0.00	37.21 2.38 0.00	35.87 2.25 0.00	36.27 2.38 0.00	50.98 3.61 -3.39	64.52 3.94 0.00	50.89 3.28 0.00	37.53 3.00 5.26	61.33 3.75 -13.67	63.66 4.16 -12.21	63.04 4.53 -11.29	55.53 4.21 -0.01	66.50 4.70 0.00	83.05 6.35 0.00	79.33 5.78 0.00	80.65 6.83 -2.59	81.43 6.98 -2.87	75.71 6.46 -2.34	77.99 5.25 -16.37	76.59 5.25 -16.24	77.49 6.60 -2.39	61.29 4.97 0.00
WALDENNY_12_KV_BK2 80841	23.77 -4.20 7.20	17.43 -4.05 12.12	17.51 -4.36 13.29	17.35 -4.37 13.11	18.79 -4.08 10.75	16.80 -3.89 13.20	24.46 -4.77 14.75	36.74 -6.62 17.23	41.32 -5.74 0.55	29.52 -3.83 6.43	30.47 -4.29 9.15	27.18 -4.85 15.25	24.99 -4.83 17.40	26.08 -5.33 19.91	35.00 -6.40 20.40	44.80 -7.98 23.91	42.33 -7.67 23.55	41.23 -7.16 22.84	41.52 -7.49 22.57	37.14 -7.49 22.27	31.52 -6.55 18.30	30.69 -6.41 18.01	44.57 -6.48 17.45	39.63 -4.71 11.98
WALDEN__HYDRO 24148	36.92 1.75 0.00	35.29 1.68 0.00	36.91 1.74 0.00	36.59 1.76 0.00	35.29 1.66 0.00	35.71 1.82 0.00	46.75 2.77 0.00	64.41 3.83 0.00	50.80 3.18 0.00	42.24 2.45 0.00	41.26 2.62 5.27	50.27 2.98 0.00	50.12 2.89 0.00	54.41 3.10 0.00	65.69 3.89 0.00	81.75 5.06 0.00	78.63 5.09 0.00	79.32 5.60 -2.49	77.88 5.66 -0.64	73.96 5.35 -1.70	76.43 4.29 -15.77	74.90 4.16 -15.64	73.42 4.92 0.00	60.04 3.72 0.00
WARRENSBURG____ 23737	37.35 2.18 0.00	35.65 2.04 0.00	37.29 2.13 0.00	36.89 2.05 0.00	35.61 1.99 0.00	35.97 2.08 0.00	46.93 2.95 0.00	64.49 3.91 0.00	50.69 3.08 0.00	41.96 2.17 0.00	48.19 2.38 -1.90	49.92 2.63 0.00	49.75 2.52 0.00	53.86 2.55 0.00	64.70 2.90 0.00	80.39 3.69 0.00	77.08 3.53 0.00	86.16 3.81 -11.13	76.09 3.60 -0.92	72.98 3.63 -2.45	128.37 3.08 -68.92	126.11 3.03 -67.97	71.89 3.39 0.00	58.78 2.46 0.00
WATERSIDE____6 8 9 23538	-15.17 2.13 52.47	30.98 2.06 4.69	32.99 2.13 4.30	32.60 2.13 4.37	30.93 1.97 4.66	31.35 2.08 4.63	44.50 3.04 2.52	58.31 4.17 6.44	49.53 3.54 1.63	37.72 2.75 4.82	54.45 3.02 -7.53	49.04 3.52 1.76	48.95 3.47 1.75	44.70 3.67 10.29	64.13 4.43 2.10	82.34 5.65 0.00	54.61 5.50 24.44	48.43 6.02 28.81	63.51 6.11 14.17	64.52 5.73 8.12	66.50 4.57 -5.56	71.54 4.49 -11.94	73.88 5.38 0.00	59.78 4.04 0.58
WATKINRD_115KV_LN8_ILLION 55919	35.52 0.35 0.00	33.95 0.33 0.00	35.52 0.35 0.00	35.16 0.33 0.00	33.95 0.33 0.00	34.28 0.38 0.00	44.57 0.60 0.00	62.87 2.29 0.00	49.66 2.05 0.00	40.18 0.39 0.00	44.40 0.50 0.00	48.77 1.48 0.00	49.07 1.85 0.00	53.45 2.14 0.00	63.93 2.12 0.00	77.89 1.19 0.00	74.55 1.01 0.00	72.57 1.35 0.00	72.86 1.29 0.00	68.26 1.36 0.00	57.48 1.11 0.00	56.23 1.13 0.00	69.62 1.13 0.00	57.00 0.68 0.00
WATSON__69_KV_BK 1 55734	38.19 3.02 0.00	36.33 2.72 0.00	38.04 2.87 0.00	37.70 2.86 0.00	36.32 2.70 0.00	36.90 3.01 0.00	51.93 4.45 -3.50	66.22 5.64 0.00	52.25 4.64 0.00	43.60 3.80 0.00	62.13 4.41 -13.82	64.82 4.93 -12.60	63.93 5.05 -11.65	56.35 5.03 -0.01	67.81 6.01 0.00	84.39 7.69 0.00	80.44 6.89 0.00	81.68 7.87 -2.59	82.49 7.98 -2.94	76.60 7.34 -2.36	78.72 5.98 -16.37	77.16 5.81 -16.24	78.34 7.37 -2.47	62.04 5.72 0.00
WDELAWARE__HYD 323627	36.62 1.45 0.00	34.99 1.39 0.00	36.60 1.44 0.00	36.28 1.45 0.00	35.03 1.40 0.00	35.48 1.58 0.00	46.52 2.54 0.00	64.20 3.62 0.00	50.65 3.04 0.00	42.15 2.35 0.00	41.78 2.49 4.62	50.05 2.77 0.00	49.83 2.60 0.00	54.12 2.81 0.00	65.32 3.52 0.00	81.34 4.65 0.00	78.51 4.96 0.00	79.24 5.52 -2.49	77.78 5.60 -0.61	73.77 5.26 -1.61	76.32 4.21 -15.74	74.71 4.00 -15.61	73.18 4.68 0.00	59.79 3.47 0.00

WEST BABYLON___IC 23714	38.08 2.91 0.00	36.25 2.63 0.00	37.94 2.78 0.00	37.60 2.77 0.00	36.24 2.61 0.00	36.81 2.92 0.00	52.02 4.30 -3.74	66.07 5.49 0.00	52.15 4.53 0.00	43.48 3.68 0.00	62.24 4.20 -14.13	65.51 4.76 -13.47	64.52 4.84 -12.45	56.20 4.88 -0.01	67.65 5.85 0.00	84.17 7.47 0.00	80.31 6.77 0.00	81.54 7.73 -2.59	82.48 7.81 -3.10	76.54 7.24 -2.40	78.64 5.90 -16.37	77.05 5.71 -16.24	78.36 7.22 -2.64	61.87 5.54 0.00
WEST CANADA___HYD 24049	35.27 0.10 0.00	33.71 0.10 0.00	35.27 0.11 0.00	34.94 0.11 0.00	33.73 0.10 0.00	34.00 0.11 0.00	44.11 0.13 0.00	60.77 0.18 0.00	47.75 0.13 0.00	39.83 0.04 0.00	44.01 0.11 0.00	47.43 0.14 0.00	47.38 0.15 0.00	51.47 0.15 0.00	61.98 0.18 0.00	76.93 0.23 0.00	73.71 0.17 0.00	71.53 0.31 0.00	71.87 0.30 0.00	67.24 0.34 0.00	56.62 0.25 0.00	55.43 0.33 0.00	68.84 0.34 0.00	56.49 0.18 0.00
WESTERN_NY_WIND 24143	27.87 -3.37 3.93	23.76 -3.26 6.59	24.44 -3.54 7.18	24.21 -3.55 7.09	24.56 -3.26 5.81	23.72 -3.04 7.13	34.23 -2.83 6.92	49.50 -3.30 7.78	42.72 -4.14 0.75	33.81 -2.67 3.31	36.18 -3.02 4.71	35.94 -3.50 7.85	34.69 -3.58 8.95	37.08 -4.00 10.24	46.73 -4.58 10.50	58.36 -5.77 12.57	55.10 -5.54 12.90	53.84 -5.01 12.37	53.94 -5.30 12.32	49.30 -5.51 12.10	42.34 -4.87 9.16	41.18 -4.90 9.02	54.33 -4.74 9.43	46.50 -3.34 6.48
WESTOVER___LESR 323668	34.44 -0.73 0.00	32.96 -0.66 0.00	34.53 -0.63 0.00	34.16 -0.67 0.00	32.99 -0.64 0.00	33.38 -0.51 0.00	43.31 -0.66 0.00	59.60 -1.09 -0.11	47.10 -0.72 -0.21	39.17 -0.62 0.00	42.40 -0.64 0.88	46.57 -0.72 0.00	46.61 -0.62 0.00	50.62 -0.70 0.00	60.90 -0.90 0.00	75.65 -1.04 0.00	72.39 -1.16 0.00	71.51 -0.68 -0.96	71.16 -0.64 -0.22	66.86 -0.64 -0.59	61.63 -0.77 -6.04	60.43 -0.65 -5.98	67.67 -0.83 0.00	55.56 -0.76 0.00
WETHRSFD_WT_PWR 323626	5.55 -4.43 25.19	-13.06 -4.18 42.49	-15.96 -4.36 46.76	-15.65 -4.35 46.13	-8.39 -4.20 37.81	-16.42 -3.88 46.44	-12.87 -5.07 51.78	-5.38 -7.39 58.57	39.74 -7.29 0.58	13.08 -4.29 22.42	7.39 -4.63 31.89	-10.95 -5.06 53.17	-18.35 -4.91 60.67	-23.42 -5.34 69.40	-15.93 -6.61 71.12	-14.83 -8.16 83.36	-16.43 -7.77 82.21	-16.67 -7.13 80.77	-14.93 -7.46 79.04	-18.94 -7.37 78.47	-20.56 -6.34 70.59	-20.75 -6.17 69.69	0.03 -7.05 61.42	8.50 -5.67 42.15
WHAVSTOR_138KV_BK127 55557	36.80 1.63 0.00	35.17 1.56 0.00	36.80 1.64 0.00	36.48 1.64 0.00	35.16 1.53 0.00	35.58 1.69 0.00	46.53 2.55 0.00	64.04 3.46 0.00	50.52 2.91 0.00	41.99 2.20 0.00	30.56 2.36 15.71	50.04 2.75 0.00	49.96 2.73 0.00	54.22 2.90 0.00	65.34 3.54 0.00	81.30 4.61 0.00	78.11 4.57 0.00	78.70 5.06 -2.42	77.33 5.12 -0.64	73.44 4.83 -1.70	75.55 3.86 -15.32	74.09 3.79 -15.20	73.01 4.51 0.00	59.71 3.39 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.80 1.63 0.00	35.17 1.56 0.00	36.80 1.64 0.00	36.48 1.64 0.00	35.16 1.53 0.00	35.58 1.69 0.00	46.53 2.55 0.00	64.04 3.46 0.00	50.52 2.91 0.00	41.99 2.20 0.00	30.56 2.36 15.71	50.04 2.75 0.00	49.96 2.73 0.00	54.22 2.90 0.00	65.34 3.54 0.00	81.30 4.61 0.00	78.11 4.57 0.00	78.70 5.06 -2.42	77.33 5.12 -0.64	73.44 4.83 -1.70	75.55 3.86 -15.32	74.09 3.79 -15.20	73.01 4.51 0.00	59.71 3.39 0.00
WHITEHAL_115KV_TB1 80871	38.01 2.84 0.00	36.26 2.65 0.00	37.94 2.77 0.00	37.40 2.56 0.00	36.03 2.41 0.00	36.49 2.60 0.00	47.87 3.90 0.00	65.32 4.74 0.00	51.51 3.89 0.00	42.34 2.55 0.00	48.47 2.66 -1.91	50.29 3.01 0.00	50.24 3.01 0.00	54.55 3.23 0.00	66.36 4.56 0.00	82.62 5.92 0.00	79.37 5.83 0.00	88.28 6.00 -11.05	77.98 5.49 -0.92	75.09 5.73 -2.45	129.86 5.08 -68.41	127.67 5.09 -67.47	74.08 5.58 0.00	60.54 4.22 0.00
WHITEPLN_13_KV_LOAD 356215	37.39 2.22 0.00	35.75 2.14 0.00	37.40 2.23 0.00	37.07 2.23 0.00	35.73 2.10 0.00	36.18 2.29 0.00	47.30 3.33 0.00	65.14 4.56 0.00	51.40 3.79 0.00	42.75 2.96 0.00	56.72 3.26 -9.55	51.01 3.72 0.00	50.93 3.70 0.00	55.28 3.96 0.00	66.60 4.80 0.00	82.85 6.16 0.00	79.59 6.04 0.00	80.32 6.53 -2.57	78.83 6.58 -0.68	74.90 6.19 -1.81	77.59 4.97 -16.25	76.05 4.82 -16.12	74.32 5.82 0.00	60.71 4.39 0.00
WM_FLOYD_69_KV_BK2 356380	37.89 2.72 0.00	36.00 2.39 0.00	37.71 2.54 0.00	37.35 2.51 0.00	35.99 2.37 0.00	36.49 2.60 0.00	51.28 3.91 -3.40	65.17 4.59 0.00	51.40 3.79 0.00	36.25 3.22 6.76	61.47 3.88 -13.68	63.85 4.33 -12.23	63.16 4.62 -11.30	55.74 4.42 -0.01	66.84 5.04 0.00	83.50 6.81 0.00	79.76 6.21 0.00	81.05 7.24 -2.59	81.84 7.39 -2.88	76.06 6.81 -2.34	78.26 5.52 -16.37	76.73 5.39 -16.24	77.67 6.77 -2.40	61.43 5.11 0.00
WOODARD___115KV_TB2 355635	34.21 -0.96 0.00	32.72 -0.89 0.00	34.22 -0.95 0.00	33.89 -0.94 0.00	32.75 -0.88 0.00	33.04 -0.85 0.00	42.79 -1.19 0.00	59.03 -1.65 -0.09	46.49 -1.25 -0.13	38.76 -1.04 0.00	42.80 -1.11 0.00	46.04 -1.24 0.00	46.03 -1.20 0.00	50.04 -1.28 0.00	60.25 -1.55 0.00	74.83 -1.86 0.00	71.76 -1.79 0.00	69.77 -1.45 0.00	70.15 -1.48 -0.06	65.64 -1.43 -0.17	55.12 -1.30 -0.05	53.84 -1.32 -0.06	66.82 -1.68 0.00	54.89 -1.43 0.00
YORK___WARBASSE 23770	289.38 2.29 -251.92	58.37 2.21 -22.55	58.12 2.29 -20.66	58.10 2.28 -20.98	58.10 2.10 -22.38	58.32 2.23 -22.20	59.34 3.27 -12.10	95.97 4.48 -30.90	59.22 3.79 -7.82	65.87 2.92 -23.15	64.76 3.22 -17.63	59.52 3.76 -8.47	59.34 3.72 -8.39	104.69 3.95 -49.42	76.59 4.69 -10.10	82.65 5.94 -0.02	197.52 5.88 -118.10	238.27 6.35 -160.69	150.19 6.61 -72.01	122.62 6.16 -49.55	129.48 4.91 -68.20	96.73 4.83 -36.79	74.28 5.78 0.00	63.51 4.40 -2.79