

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/18/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	39.54	28.17	23.54	24.81	27.11	31.94	38.14	43.72	44.23	48.54	53.80	55.48	60.07	66.00	92.09	108.21	131.19	92.07	87.31	143.47	246.72	83.14	62.26	56.59
24138	2.58	2.10	1.72	1.66	1.82	2.12	2.60	3.52	3.77	4.44	4.85	4.97	4.80	5.83	6.35	5.78	5.84	6.40	8.94	14.05	21.01	6.62	4.74	4.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.55	-4.81	-12.83	-10.63	-32.76	-52.83	-75.55	-31.23	-6.72	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	39.60	28.22	23.57	24.85	27.14	31.99	38.17	43.74	44.22	48.48	53.63	55.15	59.28	65.39	90.79	105.34	128.21	90.78	87.15	143.38	246.87	83.20	62.32	56.63
24260	2.63	2.15	1.75	1.70	1.85	2.17	2.63	3.55	3.76	4.38	4.81	4.92	4.75	5.79	6.29	5.75	5.82	6.31	8.80	13.96	21.17	6.67	4.80	4.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.43	-4.53	-12.10	-10.06	-31.53	-50.00	-72.59	-30.04	-6.70	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	39.60	28.22	23.57	24.85	27.14	31.99	38.17	43.74	44.22	48.48	53.63	55.15	59.28	65.39	90.79	105.34	128.21	90.78	87.15	143.38	246.87	83.20	62.32	56.63
24261	2.63	2.15	1.75	1.70	1.85	2.17	2.63	3.55	3.76	4.38	4.81	4.92	4.75	5.79	6.29	5.75	5.82	6.31	8.80	13.96	21.17	6.67	4.80	4.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.43	-4.53	-12.10	-10.06	-31.53	-50.00	-72.59	-30.04	-6.70	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	39.19	27.88	23.33	24.70	27.01	31.92	38.06	43.05	43.07	46.37	48.66	47.86	44.33	51.59	55.08	51.41	51.41	56.50	75.73	137.94	240.88	81.05	61.34	55.54
24011	2.22	1.80	1.51	1.55	1.72	2.11	2.51	2.85	2.61	2.27	2.27	2.16	1.88	2.05	2.11	1.82	1.61	2.07	4.08	8.53	15.18	4.53	3.82	3.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	39.41	28.11	23.52	24.89	27.21	32.20	38.46	43.50	43.47	46.66	48.85	47.99	44.39	51.64	55.19	51.56	51.48	56.60	76.02	138.73	242.67	81.61	61.94	56.06
23798	2.44	2.03	1.70	1.74	1.92	2.38	2.91	3.30	3.02	2.56	2.46	2.29	1.95	2.11	2.22	1.97	1.68	2.17	4.37	9.31	16.97	5.09	4.42	3.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	39.19	27.88	23.33	24.70	27.01	31.92	38.06	43.05	43.07	46.37	48.66	47.86	44.33	51.59	55.08	51.41	51.41	56.50	75.73	137.94	240.88	81.05	61.34	55.54
24028	2.22	1.80	1.51	1.55	1.72	2.11	2.51	2.85	2.61	2.27	2.27	2.16	1.88	2.05	2.11	1.82	1.61	2.07	4.08	8.53	15.18	4.53	3.82	3.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	38.46	27.38	22.95	24.31	26.56	31.29	37.21	42.15	42.24	45.74	48.25	47.49	44.06	51.37	55.08	51.28	51.14	55.92	74.55	135.14	236.04	79.14	60.00	54.34
23527	1.49	1.30	1.13	1.16	1.27	1.48	1.67	1.95	1.78	1.65	1.85	1.80	1.63	1.83	2.11	1.68	1.34	1.49	2.91	5.72	10.33	2.61	2.48	2.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	37.52	26.67	22.38	23.70	25.87	30.50	36.23	41.09	41.26	44.82	47.20	46.51	43.37	50.54	54.15	50.57	50.58	55.30	73.37	132.31	230.10	77.47	58.47	53.06
24190	0.55	0.60	0.56	0.54	0.58	0.68	0.69	0.89	0.80	0.72	0.81	0.81	0.93	1.01	1.19	0.97	0.78	0.87	1.72	2.89	4.40	0.94	0.95	0.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	36.49	25.68	21.44	22.74	24.81	29.26	34.93	39.22	39.78	43.31	45.49	44.72	41.30	47.59	46.43	45.94	48.72	53.10	68.06	125.12	219.94	74.87	56.20	51.08
355683	-0.48	-0.40	-0.37	-0.42	-0.48	-0.56	-0.61	-0.98	-0.67	-0.79	-0.91	-0.98	-0.94	-1.30	-1.50	-1.13	-1.08	-1.33	-2.50	-4.30	-5.77	-1.66	-1.32	-1.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.65	5.05	2.53	0.00	0.00	1.09	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	38.18	27.12	22.73	24.09	26.32	31.04	36.86	41.60	41.54	45.19	47.57	46.73	43.47	50.71	54.31	50.74	50.85	55.68	74.36	134.56	234.43	79.07	59.60	54.13
323833	1.22	1.04	0.91	0.94	1.03	1.23	1.31	1.40	1.08	1.09	1.18	1.03	1.03	1.18	1.34	1.15	1.05	1.25	2.71	5.14	8.72	2.55	2.08	1.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	38.17	27.11	22.72	24.08	26.32	31.03	36.85	41.59	41.53	45.19	47.57	46.73	43.46	50.71	54.31	50.74	50.84	55.67	74.35	134.53	234.33	79.03	59.58	54.12
323834	1.21	1.03	0.90	0.93	1.03	1.22	1.30	1.40	1.08	1.09	1.17	1.03	1.02	1.17	1.34	1.14	1.04	1.24	2.70	5.11	8.62	2.50	2.06	1.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	37.52	26.67	22.38	23.70	25.87	30.50	36.23	41.09	41.26	44.82	47.20	46.51	43.37	50.54	54.15	50.57	50.58	55.30	73.37	132.31	230.10	77.47	58.47	53.06
23571	0.55	0.60	0.56	0.54	0.58	0.68	0.69	0.89	0.80	0.72	0.81	0.81	0.93	1.01	1.19	0.97	0.78	0.87	1.72	2.89	4.40	0.94	0.95	0.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	37.52 0.55 0.00	26.67 0.60 0.00	22.38 0.56 0.00	23.70 0.54 0.00	25.87 0.58 0.00	30.50 0.68 0.00	36.23 0.69 0.00	41.09 0.89 0.00	41.26 0.80 0.00	44.82 0.72 0.00	47.20 0.81 0.00	46.51 0.81 0.00	43.37 0.93 0.00	50.54 1.01 0.00	54.15 1.19 0.00	50.57 0.97 0.00	50.58 0.78 0.00	55.30 0.87 0.00	73.37 1.72 0.00	132.31 2.89 0.00	230.10 4.40 0.00	77.47 0.94 0.00	58.47 0.95 0.00	53.06 0.76 0.00
ALBANY___3 23573	37.52 0.55 0.00	26.67 0.60 0.00	22.38 0.56 0.00	23.70 0.54 0.00	25.87 0.58 0.00	30.50 0.68 0.00	36.23 0.69 0.00	41.09 0.89 0.00	41.26 0.80 0.00	44.82 0.72 0.00	47.20 0.81 0.00	46.51 0.81 0.00	43.37 0.93 0.00	50.54 1.01 0.00	54.15 1.19 0.00	50.57 0.97 0.00	50.58 0.78 0.00	55.30 0.87 0.00	73.37 1.72 0.00	132.31 2.89 0.00	230.10 4.40 0.00	77.47 0.94 0.00	58.47 0.95 0.00	53.06 0.76 0.00
ALBANY___4 23574	37.52 0.55 0.00	26.67 0.60 0.00	22.38 0.56 0.00	23.70 0.54 0.00	25.87 0.58 0.00	30.50 0.68 0.00	36.23 0.69 0.00	41.09 0.89 0.00	41.26 0.80 0.00	44.82 0.72 0.00	47.20 0.81 0.00	46.51 0.81 0.00	43.37 0.93 0.00	50.54 1.01 0.00	54.15 1.19 0.00	50.57 0.97 0.00	50.58 0.78 0.00	55.30 0.87 0.00	73.37 1.72 0.00	132.31 2.89 0.00	230.10 4.40 0.00	77.47 0.94 0.00	58.47 0.95 0.00	53.06 0.76 0.00
ALBANY___LFGE 323615	37.87 0.90 0.00	26.91 0.83 0.00	22.56 0.75 0.00	23.90 0.75 0.00	26.09 0.80 0.00	30.77 0.95 0.00	36.57 1.03 0.00	41.47 1.28 0.00	41.62 1.17 0.00	45.22 1.12 0.00	47.67 1.27 0.00	46.96 1.26 0.00	43.80 1.36 0.00	51.11 1.57 0.00	54.77 1.80 0.00	51.18 1.58 0.00	51.23 1.43 0.00	56.02 1.59 0.00	74.40 2.75 0.00	134.12 4.71 0.00	233.25 7.55 0.00	78.48 1.96 0.00	59.18 1.66 0.00	53.69 1.39 0.00
ALCOA_PA_115KV_PL-6C 55860	36.54 -0.43 0.00	25.71 -0.37 0.00	21.46 -0.35 0.00	22.76 -0.39 0.00	24.83 -0.46 0.00	29.29 -0.52 0.00	34.99 -0.55 0.00	39.22 -0.98 0.00	39.75 -0.70 0.00	43.25 -0.85 0.00	45.40 -1.00 0.00	44.63 -1.07 0.00	41.22 -0.95 0.26	47.28 -1.39 0.87	44.74 -1.55 6.68	45.01 -1.23 3.35	48.66 -1.14 0.00	53.03 -1.40 0.00	68.08 -2.55 1.03	125.25 -4.16 0.00	220.23 -5.47 0.00	75.01 -1.51 0.00	56.30 -1.22 0.00	51.16 -1.14 0.00
ALCOA_RYNLDS___DRP 24188	36.54 -0.43 0.00	25.71 -0.36 0.00	21.46 -0.35 0.00	22.76 -0.39 0.00	24.83 -0.46 0.00	29.29 -0.53 0.00	34.99 -0.55 0.00	39.22 -0.98 0.00	39.75 -0.70 0.00	43.26 -0.84 0.00	45.40 -1.00 0.00	44.63 -1.07 0.00	41.22 -0.95 0.26	47.27 -1.40 0.87	44.72 -1.56 6.68	45.01 -1.24 3.35	48.64 -1.17 0.00	53.05 -1.39 0.00	68.08 -2.54 1.03	125.29 -4.12 0.00	220.29 -5.41 0.00	75.02 -1.51 0.00	56.30 -1.22 0.00	51.16 -1.14 0.00
ALCOA___DSASP 323711	36.54 -0.43 0.00	25.71 -0.36 0.00	21.46 -0.35 0.00	22.76 -0.39 0.00	24.83 -0.46 0.00	29.29 -0.53 0.00	34.99 -0.55 0.00	39.22 -0.98 0.00	39.75 -0.70 0.00	43.26 -0.84 0.00	45.40 -1.00 0.00	44.63 -1.07 0.00	41.22 -0.95 0.26	47.27 -1.40 0.87	44.72 -1.56 6.68	45.01 -1.24 3.35	48.64 -1.17 0.00	53.05 -1.39 0.00	68.08 -2.54 1.03	125.29 -4.12 0.00	220.29 -5.41 0.00	75.02 -1.51 0.00	56.30 -1.22 0.00	51.16 -1.14 0.00
ALLEGHENY___COGEN 23514	37.09 0.12 0.00	29.17 -0.25 -3.34	48.36 -0.31 -26.86	53.68 -0.37 -30.90	63.90 -0.44 -39.04	71.00 -0.37 -41.55	80.56 0.13 -44.89	87.30 0.00 -47.10	88.47 -0.99 -49.00	94.75 -0.64 -51.29	68.82 -0.86 -23.29	97.72 -0.55 -52.57	92.94 -0.65 -51.15	104.93 -1.89 -57.28	104.72 -4.56 -56.31	101.91 -4.20 -56.52	102.78 -4.29 -57.26	112.98 -4.44 -62.98	144.11 -4.89 -77.35	238.72 -5.90 -115.21	394.16 -8.74 -177.20	154.38 -1.76 -79.62	126.05 2.54 -65.99	113.69 1.39 -60.00
ALTAMONT_115KV_TB 2 55880	37.87 0.90 0.00	26.88 0.80 0.00	22.50 0.69 0.00	23.85 0.70 0.00	26.06 0.77 0.00	30.73 0.91 0.00	36.53 0.99 0.00	41.42 1.23 0.00	41.59 1.13 0.00	45.25 1.15 0.00	47.66 1.26 0.00	46.96 1.26 0.00	43.71 1.27 0.00	51.03 1.49 0.00	54.62 1.65 0.00	51.01 1.42 0.00	51.09 1.29 0.00	55.83 1.40 0.00	74.07 2.42 0.00	133.64 4.22 0.00	232.42 6.72 0.00	78.39 1.86 0.00	59.12 1.60 0.00	53.70 1.40 0.00
ALTONA_WT_PWR 323606	36.65 -0.32 0.00	25.79 -0.29 0.00	21.50 -0.32 0.00	22.78 -0.38 0.00	24.85 -0.44 0.00	29.39 -0.42 0.00	35.08 -0.47 0.00	38.97 -1.23 0.00	39.99 -0.47 0.00	43.48 -0.62 0.00	45.64 -0.76 0.00	44.78 -0.92 0.00	41.47 -0.80 0.17	47.89 -1.09 0.56	47.51 -1.16 4.30	46.57 -0.87 2.16	49.11 -0.69 0.00	53.56 -0.87 0.00	70.22 -2.06 -0.63	126.08 -3.34 0.00	221.32 -4.38 0.00	75.22 -1.31 0.00	56.63 -0.89 0.00	51.20 -1.11 0.00
AMERICAN_REF_FUEL 24010	33.35 -3.62 0.00	22.47 -2.70 0.91	12.31 -2.16 7.34	12.35 -2.36 8.45	11.96 -2.66 10.67	15.32 -3.21 11.28	19.80 -3.31 12.43	23.14 -3.68 13.38	22.55 -3.78 14.13	25.75 -3.43 14.92	35.77 -3.81 6.82	27.31 -2.99 15.40	24.96 -2.72 14.77	29.86 -3.52 16.16	32.51 -4.53 15.93	29.13 -4.26 16.20	28.51 -4.69 16.61	30.89 -5.54 18.00	43.08 -6.70 21.87	85.78 -10.52 33.11	155.73 -18.73 51.24	47.02 -6.63 22.87	34.36 -4.38 18.78	31.88 -3.17 17.25
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.86 -3.11 0.00	22.70 -2.49 0.89	12.52 -2.09 7.21	12.62 -2.24 8.29	12.24 -2.58 10.48	15.55 -3.14 11.12	20.55 -3.11 11.88	23.98 -3.08 13.13	20.90 -2.84 16.72	24.42 -2.16 17.52	36.08 -2.35 7.96	25.76 -1.97 17.97	23.36 -1.80 17.29	28.60 -1.78 19.16	31.50 -2.64 18.84	27.86 -2.64 19.10	27.45 -2.98 19.36	30.64 -3.44 20.35	43.66 -3.91 24.08	86.21 -5.01 38.19	156.41 -9.53 59.77	45.85 -3.98 26.70	31.77 -3.52 22.23	29.75 -2.11 20.44
ARTHUR KILL_GT_1 23520	39.62 2.65 0.00	28.22 2.14 0.00	23.54 1.72 0.00	24.82 1.67 0.00	27.09 1.80 0.00	31.93 2.11 0.00	38.12 2.58 0.00	43.67 3.48 0.00	44.12 3.66 0.00	48.24 4.14 0.00	53.49 4.66 -2.43	55.17 4.84 -4.63	59.57 4.75 -12.38	65.34 5.57 -10.24	90.61 6.11 -31.52	105.39 5.71 -50.09	128.18 5.79 -72.58	91.14 6.40 -30.31	87.08 8.73 -6.71	142.94 13.52 0.00	246.19 20.49 0.00	83.36 6.83 0.00	62.34 4.82 0.00	56.64 4.33 0.00
ARTHUR_KILL_2 23512	39.49 2.53 0.00	28.12 2.05 0.00	23.46 1.64 0.00	24.75 1.59 0.00	27.00 1.71 0.00	31.82 2.00 0.00	37.99 2.45 0.00	43.52 3.32 0.00	43.95 3.49 0.00	48.08 3.98 0.00	53.34 4.52 -2.43	55.03 4.71 -4.63	59.53 4.71 -12.38	65.16 5.39 -10.24	90.40 5.91 -31.52	105.20 5.51 -50.09	127.95 5.57 -72.58	91.02 6.28 -30.31	86.75 8.40 -6.71	142.29 12.87 0.00	245.13 19.43 0.00	82.94 6.42 0.00	62.08 4.56 0.00	56.46 4.16 0.00
ARTHUR_KILL_3 23513	39.22 2.26 0.00	27.94 1.87 0.00	23.33 1.52 0.00	24.61 1.46 0.00	26.87 1.58 0.00	31.66 1.84 0.00	37.78 2.24 0.00	43.28 3.08 0.00	43.71 3.25 0.00	47.94 3.84 0.00	53.05 4.18 -2.48	54.61 4.26 -4.64	58.93 4.10 -12.39	64.89 5.07 -10.29	90.54 5.55 -32.01	105.76 5.05 -51.11	128.65 5.10 -73.75	90.51 5.57 -30.51	86.30 7.94 -6.71	141.80 12.38 0.00	244.09 18.39 0.00	82.28 5.76 0.00	61.61 4.09 0.00	56.01 3.71 0.00

ARTHUR_KILL_COGEN 323718	39.62 2.66 0.00	28.22 2.14 0.00	23.53 1.71 0.00	24.82 1.66 0.00	27.09 1.79 0.00	31.93 2.11 0.00	38.11 2.57 0.00	43.67 3.47 0.00	44.09 3.64 0.00	48.24 4.14 0.00	53.50 4.67 -2.43	55.19 4.86 -4.63	59.68 4.86 -12.38	65.34 5.57 -10.24	90.60 6.11 -31.52	105.40 5.71 -50.09	128.16 5.78 -72.58	91.27 6.53 -30.31	87.08 8.72 -6.71	142.92 13.51 0.00	246.20 20.50 0.00	83.32 6.79 0.00	62.32 4.79 0.00	56.63 4.33 0.00
ASHOKAN____ 23654	38.41 1.44 0.00	27.22 1.15 0.00	22.77 0.95 0.00	24.08 0.93 0.00	26.29 1.00 0.00	31.03 1.22 0.00	37.02 1.47 0.00	42.16 1.96 0.00	42.39 1.93 0.00	46.11 2.01 0.00	48.66 2.26 0.00	47.95 2.25 0.00	44.71 2.27 0.00	52.37 2.84 0.00	56.21 3.24 0.00	52.64 3.04 0.00	53.04 3.24 0.00	58.29 3.86 0.00	77.60 5.95 0.00	139.66 10.25 0.00	241.76 16.06 0.00	81.24 4.71 0.00	60.81 3.29 0.00	55.07 2.77 0.00
ASTORIA_EAST_ENERGY_CC1 323581	39.24 2.27 0.00	28.05 1.97 0.00	23.40 1.58 0.00	24.68 1.53 0.00	26.94 1.65 0.00	31.77 1.95 0.00	37.78 2.23 0.00	43.32 3.12 0.00	43.84 3.38 0.00	48.02 3.92 0.00	53.18 4.35 -2.43	54.73 4.49 -4.53	58.94 4.40 -12.10	64.84 5.24 -10.06	90.19 5.69 -31.52	104.79 5.20 -49.99	127.88 5.49 -72.58	90.43 5.97 -30.04	86.42 8.07 -6.70	142.08 12.67 0.00	244.70 18.99 0.00	82.56 6.03 0.00	61.80 4.28 0.00	56.18 3.88 0.00
ASTORIA_EAST_ENERGY_CC2 323582	39.24 2.27 0.00	28.05 1.97 0.00	23.40 1.58 0.00	24.68 1.53 0.00	26.94 1.65 0.00	31.77 1.95 0.00	37.78 2.23 0.00	43.32 3.12 0.00	43.84 3.38 0.00	48.02 3.92 0.00	53.18 4.35 -2.43	54.73 4.49 -4.53	58.94 4.40 -12.10	64.84 5.24 -10.06	90.19 5.69 -31.52	104.79 5.20 -49.99	127.88 5.49 -72.58	90.43 5.97 -30.04	86.42 8.07 -6.70	142.08 12.67 0.00	244.70 18.99 0.00	82.56 6.03 0.00	61.80 4.28 0.00	56.18 3.88 0.00
ASTORIA_GT2_1 24094	39.25 2.28 0.00	28.05 1.97 0.00	23.41 1.59 0.00	24.69 1.54 0.00	26.96 1.67 0.00	31.78 1.96 0.00	37.81 2.26 0.00	43.37 3.17 0.00	43.89 3.44 0.00	48.05 3.95 0.00	53.15 4.32 -2.43	54.70 4.46 -4.53	58.88 4.34 -12.10	64.85 5.26 -10.06	90.21 5.71 -31.52	104.83 5.24 -49.99	127.89 5.51 -72.58	90.38 5.92 -30.04	86.47 8.11 -6.70	142.16 12.75 0.00	244.79 19.09 0.00	82.65 6.12 0.00	61.85 4.33 0.00	56.21 3.91 0.00
ASTORIA_GT2_2 24095	39.25 2.28 0.00	28.05 1.97 0.00	23.41 1.59 0.00	24.69 1.54 0.00	26.96 1.67 0.00	31.78 1.96 0.00	37.81 2.26 0.00	43.37 3.17 0.00	43.89 3.44 0.00	48.05 3.95 0.00	53.15 4.32 -2.43	54.70 4.46 -4.53	58.88 4.34 -12.10	64.85 5.26 -10.06	90.21 5.71 -31.52	104.83 5.24 -49.99	127.89 5.51 -72.58	90.38 5.92 -30.04	86.47 8.11 -6.70	142.16 12.75 0.00	244.79 19.09 0.00	82.65 6.12 0.00	61.85 4.33 0.00	56.21 3.91 0.00
ASTORIA_GT2_3 24096	39.25 2.28 0.00	28.05 1.97 0.00	23.41 1.59 0.00	24.69 1.54 0.00	26.96 1.67 0.00	31.78 1.96 0.00	37.81 2.26 0.00	43.37 3.17 0.00	43.89 3.44 0.00	48.05 3.95 0.00	53.15 4.32 -2.43	54.70 4.46 -4.53	58.88 4.34 -12.10	64.85 5.26 -10.06	90.21 5.71 -31.52	104.83 5.24 -49.99	127.89 5.51 -72.58	90.38 5.92 -30.04	86.47 8.11 -6.70	142.16 12.75 0.00	244.79 19.09 0.00	82.65 6.12 0.00	61.85 4.33 0.00	56.21 3.91 0.00
ASTORIA_GT2_4 24097	39.25 2.28 0.00	28.05 1.97 0.00	23.41 1.59 0.00	24.69 1.54 0.00	26.96 1.67 0.00	31.78 1.96 0.00	37.81 2.26 0.00	43.37 3.17 0.00	43.89 3.44 0.00	48.05 3.95 0.00	53.15 4.32 -2.43	54.70 4.46 -4.53	58.88 4.34 -12.10	64.85 5.26 -10.06	90.21 5.71 -31.52	104.83 5.24 -49.99	127.89 5.51 -72.58	90.38 5.92 -30.04	86.47 8.11 -6.70	142.16 12.75 0.00	244.79 19.09 0.00	82.65 6.12 0.00	61.85 4.33 0.00	56.21 3.91 0.00
ASTORIA_GT3_1 24098	39.25 2.28 0.00	28.05 1.97 0.00	23.41 1.59 0.00	24.69 1.54 0.00	26.96 1.67 0.00	31.78 1.96 0.00	37.81 2.26 0.00	43.37 3.17 0.00	43.89 3.44 0.00	48.05 3.95 0.00	53.15 4.32 -2.43	54.70 4.46 -4.53	58.88 4.34 -12.10	64.85 5.26 -10.06	90.21 5.71 -31.52	104.83 5.24 -49.99	127.89 5.51 -72.58	90.38 5.92 -30.04	86.47 8.11 -6.70	142.16 12.75 0.00	244.79 19.09 0.00	82.65 6.12 0.00	61.85 4.33 0.00	56.21 3.91 0.00
ASTORIA_GT3_2 24099	39.25 2.28 0.00	28.05 1.97 0.00	23.41 1.59 0.00	24.69 1.54 0.00	26.96 1.67 0.00	31.78 1.96 0.00	37.81 2.26 0.00	43.37 3.17 0.00	43.89 3.44 0.00	48.05 3.95 0.00	53.15 4.32 -2.43	54.70 4.46 -4.53	58.88 4.34 -12.10	64.85 5.26 -10.06	90.21 5.71 -31.52	104.83 5.24 -49.99	127.89 5.51 -72.58	90.38 5.92 -30.04	86.47 8.11 -6.70	142.16 12.75 0.00	244.79 19.09 0.00	82.65 6.12 0.00	61.85 4.33 0.00	56.21 3.91 0.00
ASTORIA_GT3_3 24100	39.25 2.28 0.00	28.05 1.97 0.00	23.41 1.59 0.00	24.69 1.54 0.00	26.96 1.67 0.00	31.78 1.96 0.00	37.81 2.26 0.00	43.37 3.17 0.00	43.89 3.44 0.00	48.05 3.95 0.00	53.15 4.32 -2.43	54.70 4.46 -4.53	58.88 4.34 -12.10	64.85 5.26 -10.06	90.21 5.71 -31.52	104.83 5.24 -49.99	127.89 5.51 -72.58	90.38 5.92 -30.04	86.47 8.11 -6.70	142.16 12.75 0.00	244.79 19.09 0.00	82.65 6.12 0.00	61.85 4.33 0.00	56.21 3.91 0.00
ASTORIA_GT3_4 24101	39.25 2.28 0.00	28.05 1.97 0.00	23.41 1.59 0.00	24.69 1.54 0.00	26.96 1.67 0.00	31.78 1.96 0.00	37.81 2.26 0.00	43.37 3.17 0.00	43.89 3.44 0.00	48.05 3.95 0.00	53.15 4.32 -2.43	54.70 4.46 -4.53	58.88 4.34 -12.10	64.85 5.26 -10.06	90.21 5.71 -31.52	104.83 5.24 -49.99	127.89 5.51 -72.58	90.38 5.92 -30.04	86.47 8.11 -6.70	142.16 12.75 0.00	244.79 19.09 0.00	82.65 6.12 0.00	61.85 4.33 0.00	56.21 3.91 0.00
ASTORIA_GT4_1 24102	39.25 2.28 0.00	28.05 1.97 0.00	23.41 1.59 0.00	24.69 1.54 0.00	26.96 1.67 0.00	31.78 1.96 0.00	37.81 2.26 0.00	43.37 3.17 0.00	43.89 3.44 0.00	48.05 3.95 0.00	53.15 4.32 -2.43	54.70 4.46 -4.53	58.88 4.34 -12.10	64.85 5.26 -10.06	90.21 5.71 -31.52	104.83 5.24 -49.99	127.89 5.51 -72.58	90.38 5.92 -30.04	86.47 8.11 -6.70	142.16 12.75 0.00	244.79 19.09 0.00	82.65 6.12 0.00	61.85 4.33 0.00	56.21 3.91 0.00
ASTORIA_GT4_2 24103	39.25 2.28 0.00	28.05 1.97 0.00	23.41 1.59 0.00	24.69 1.54 0.00	26.96 1.67 0.00	31.78 1.96 0.00	37.81 2.26 0.00	43.37 3.17 0.00	43.89 3.44 0.00	48.05 3.95 0.00	53.15 4.32 -2.43	54.70 4.46 -4.53	58.88 4.34 -12.10	64.85 5.26 -10.06	90.21 5.71 -31.52	104.83 5.24 -49.99	127.89 5.51 -72.58	90.38 5.92 -30.04	86.47 8.11 -6.70	142.16 12.75 0.00	244.79 19.09 0.00	82.65 6.12 0.00	61.85 4.33 0.00	56.21 3.91 0.00
ASTORIA_GT4_3 24104	39.25 2.28 0.00	28.05 1.97 0.00	23.41 1.59 0.00	24.69 1.54 0.00	26.96 1.67 0.00	31.78 1.96 0.00	37.81 2.26 0.00	43.37 3.17 0.00	43.89 3.44 0.00	48.05 3.95 0.00	53.15 4.32 -2.43	54.70 4.46 -4.53	58.88 4.34 -12.10	64.85 5.26 -10.06	90.21 5.71 -31.52	104.83 5.24 -49.99	127.89 5.51 -72.58	90.38 5.92 -30.04	86.47 8.11 -6.70	142.16 12.75 0.00	244.79 19.09 0.00	82.65 6.12 0.00	61.85 4.33 0.00	56.21 3.91 0.00

ASTORIA_GT4_4 24105	39.25 2.28 0.00	28.05 1.97 0.00	23.41 1.59 0.00	24.69 1.54 0.00	26.96 1.67 0.00	31.78 1.96 0.00	37.81 2.26 0.00	43.37 3.17 0.00	43.89 3.44 0.00	48.05 3.95 0.00	53.15 4.32 -2.43	54.70 4.46 -4.53	58.88 4.34 -12.10	64.85 5.26 -10.06	90.21 5.71 -31.52	104.83 5.24 -49.99	127.89 5.51 -72.58	90.38 5.92 -30.04	86.47 8.11 -6.70	142.16 12.75 0.00	244.79 19.09 0.00	82.65 6.12 0.00	61.85 4.33 0.00	56.21 3.91 0.00
ASTORIA_GT_1 23523	39.33 2.37 0.00	28.11 2.03 0.00	23.45 1.63 0.00	24.74 1.59 0.00	27.01 1.72 0.00	31.84 2.02 0.00	37.88 2.34 0.00	43.46 3.26 0.00	43.98 3.53 0.00	48.16 4.06 0.00	53.27 4.44 -2.43	54.83 4.60 -4.53	58.99 4.45 -12.10	65.00 5.40 -10.06	90.36 5.87 -31.52	104.97 5.38 -49.99	128.03 5.65 -72.58	90.55 6.08 -30.04	86.67 8.32 -6.70	142.54 13.12 0.00	245.42 19.72 0.00	82.85 6.32 0.00	61.99 4.48 0.00	56.35 4.05 0.00
ASTORIA_GT_10 24110	39.28 2.32 0.00	28.05 1.97 0.00	23.42 1.60 0.00	24.70 1.55 0.00	26.97 1.68 0.00	31.74 1.92 0.00	37.85 2.31 0.00	43.38 3.18 0.00	43.85 3.39 0.00	48.05 3.95 0.00	53.19 4.37 -2.43	54.73 4.50 -4.53	58.85 4.31 -12.10	64.78 5.18 -10.06	90.08 5.58 -31.52	104.67 5.08 -49.99	127.54 5.16 -72.58	90.07 5.60 -30.04	86.16 7.81 -6.70	141.44 12.03 0.00	243.45 17.74 0.00	82.21 5.68 0.00	61.66 4.14 0.00	56.11 3.81 0.00
ASTORIA_GT_11 24225	39.28 2.32 0.00	28.05 1.97 0.00	23.42 1.60 0.00	24.70 1.55 0.00	26.97 1.68 0.00	31.74 1.92 0.00	37.85 2.31 0.00	43.38 3.18 0.00	43.85 3.39 0.00	48.05 3.95 0.00	53.19 4.37 -2.43	54.73 4.50 -4.53	58.85 4.31 -12.10	64.78 5.18 -10.06	90.08 5.58 -31.52	104.67 5.08 -49.99	127.54 5.16 -72.58	90.07 5.60 -30.04	86.16 7.81 -6.70	141.44 12.03 0.00	243.45 17.74 0.00	82.21 5.68 0.00	61.66 4.14 0.00	56.11 3.81 0.00
ASTORIA_GT_12 24226	39.28 2.32 0.00	28.05 1.97 0.00	23.42 1.60 0.00	24.70 1.55 0.00	26.97 1.68 0.00	31.74 1.92 0.00	37.85 2.31 0.00	43.38 3.18 0.00	43.85 3.39 0.00	48.05 3.95 0.00	53.19 4.37 -2.43	54.73 4.50 -4.53	58.85 4.31 -12.10	64.78 5.18 -10.06	90.08 5.58 -31.52	104.67 5.08 -49.99	127.54 5.16 -72.58	90.07 5.60 -30.04	86.16 7.81 -6.70	141.44 12.03 0.00	243.45 17.74 0.00	82.21 5.68 0.00	61.66 4.14 0.00	56.11 3.81 0.00
ASTORIA_GT_13 24227	39.28 2.32 0.00	28.05 1.97 0.00	23.42 1.60 0.00	24.70 1.55 0.00	26.97 1.68 0.00	31.74 1.92 0.00	37.85 2.31 0.00	43.38 3.18 0.00	43.85 3.39 0.00	48.05 3.95 0.00	53.19 4.37 -2.43	54.73 4.50 -4.53	58.85 4.31 -12.10	64.78 5.18 -10.06	90.08 5.58 -31.52	104.67 5.08 -49.99	127.54 5.16 -72.58	90.07 5.60 -30.04	86.16 7.81 -6.70	141.44 12.03 0.00	243.45 17.74 0.00	82.21 5.68 0.00	61.66 4.14 0.00	56.11 3.81 0.00
ASTORIA_GT_5 24106	39.33 2.37 0.00	28.11 2.03 0.00	23.45 1.63 0.00	24.74 1.59 0.00	27.01 1.72 0.00	31.84 2.02 0.00	37.88 2.34 0.00	43.46 3.26 0.00	43.98 3.53 0.00	48.16 4.06 0.00	53.27 4.44 -2.43	54.83 4.60 -4.53	58.99 4.45 -12.10	65.00 5.40 -10.06	90.36 5.87 -31.52	104.97 5.38 -49.99	128.03 5.65 -72.58	90.55 6.08 -30.04	86.67 8.32 -6.70	142.54 13.12 0.00	245.42 19.72 0.00	82.85 6.32 0.00	61.99 4.48 0.00	56.35 4.05 0.00
ASTORIA_GT_7 24107	39.33 2.37 0.00	28.11 2.03 0.00	23.45 1.63 0.00	24.74 1.59 0.00	27.01 1.72 0.00	31.84 2.02 0.00	37.88 2.34 0.00	43.46 3.26 0.00	43.98 3.53 0.00	48.16 4.06 0.00	53.27 4.44 -2.43	54.83 4.60 -4.53	58.99 4.45 -12.10	65.00 5.40 -10.06	90.36 5.87 -31.52	104.97 5.38 -49.99	128.03 5.65 -72.58	90.55 6.08 -30.04	86.67 8.32 -6.70	142.54 13.12 0.00	245.42 19.72 0.00	82.85 6.32 0.00	61.99 4.48 0.00	56.35 4.05 0.00
ASTORIA_GT_8 24108	39.33 2.37 0.00	28.11 2.03 0.00	23.45 1.63 0.00	24.74 1.59 0.00	27.01 1.72 0.00	31.84 2.02 0.00	37.88 2.34 0.00	43.46 3.26 0.00	43.98 3.53 0.00	48.16 4.06 0.00	53.27 4.44 -2.43	54.83 4.60 -4.53	58.99 4.45 -12.10	65.00 5.40 -10.06	90.36 5.87 -31.52	104.97 5.38 -49.99	128.03 5.65 -72.58	90.55 6.08 -30.04	86.67 8.32 -6.70	142.54 13.12 0.00	245.42 19.72 0.00	82.85 6.32 0.00	61.99 4.48 0.00	56.35 4.05 0.00
ASTORIA___2 24149	39.25 2.29 0.00	28.06 1.98 0.00	23.41 1.59 0.00	24.69 1.53 0.00	26.95 1.66 0.00	31.78 1.96 0.00	37.80 2.26 0.00	43.34 3.15 0.00	43.86 3.40 0.00	48.03 3.93 0.00	53.20 4.37 -2.43	54.75 4.52 -4.53	58.96 4.43 -12.10	64.85 5.26 -10.06	90.22 5.72 -31.52	104.83 5.24 -49.99	127.91 5.53 -72.58	90.46 5.99 -30.04	86.46 8.10 -6.70	142.16 12.74 0.00	244.80 19.10 0.00	82.62 6.09 0.00	61.83 4.31 0.00	56.21 3.91 0.00
ASTORIA___3 23516	39.28 2.32 0.00	28.05 1.97 0.00	23.42 1.60 0.00	24.70 1.55 0.00	26.96 1.67 0.00	31.74 1.92 0.00	37.85 2.31 0.00	43.36 3.17 0.00	43.83 3.38 0.00	48.05 3.95 0.00	53.20 4.38 -2.43	54.73 4.50 -4.53	58.89 4.36 -12.10	64.77 5.18 -10.06	90.08 5.59 -31.52	104.67 5.08 -49.99	127.53 5.15 -72.58	90.10 5.63 -30.04	86.16 7.80 -6.70	141.42 12.00 0.00	243.41 17.71 0.00	82.19 5.67 0.00	61.63 4.11 0.00	56.11 3.81 0.00
ASTORIA___4 23517	39.28 2.32 0.00	28.04 1.97 0.00	23.42 1.60 0.00	24.70 1.55 0.00	26.97 1.68 0.00	31.74 1.92 0.00	37.85 2.31 0.00	43.38 3.18 0.00	43.85 3.39 0.00	48.05 3.95 0.00	53.19 4.37 -2.43	54.73 4.50 -4.53	58.85 4.31 -12.10	64.78 5.18 -10.06	90.08 5.58 -31.52	104.66 5.07 -49.99	127.54 5.16 -72.58	90.06 5.59 -30.04	86.16 7.81 -6.70	141.43 12.02 0.00	243.45 17.74 0.00	82.21 5.68 0.00	61.66 4.14 0.00	56.11 3.81 0.00
ASTORIA___5 23518	39.28 2.32 0.00	28.05 1.97 0.00	23.42 1.60 0.00	24.70 1.55 0.00	26.96 1.67 0.00	31.74 1.92 0.00	37.85 2.31 0.00	43.36 3.17 0.00	43.83 3.38 0.00	48.05 3.95 0.00	53.20 4.38 -2.43	54.73 4.50 -4.53	58.89 4.36 -12.10	64.77 5.18 -10.06	90.08 5.59 -31.52	104.67 5.08 -49.99	127.53 5.15 -72.58	90.10 5.63 -30.04	86.16 7.80 -6.70	141.42 12.00 0.00	243.41 17.71 0.00	82.19 5.67 0.00	61.63 4.11 0.00	56.11 3.81 0.00
AST_ENERGY_2_CC3 323677	39.27 2.31 0.00	28.00 1.92 0.00	23.39 1.58 0.00	24.66 1.51 0.00	26.94 1.64 0.00	31.75 1.93 0.00	37.85 2.31 0.00	43.33 3.13 0.00	43.78 3.32 0.00	47.99 3.89 0.00	53.12 4.28 -2.45	54.65 4.38 -4.57	58.88 4.24 -12.20	64.87 5.20 -10.14	90.33 5.66 -31.70	105.15 5.16 -50.39	128.01 5.21 -72.99	90.30 5.66 -30.20	86.31 7.96 -6.71	141.87 12.45 0.00	244.35 18.65 0.00	82.37 5.85 0.00	61.72 4.20 0.00	56.11 3.81 0.00
AST_ENERGY_2_CC4 323678	39.27 2.31 0.00	28.00 1.92 0.00	23.39 1.58 0.00	24.66 1.51 0.00	26.94 1.64 0.00	31.75 1.93 0.00	37.85 2.31 0.00	43.33 3.13 0.00	43.78 3.32 0.00	47.99 3.89 0.00	53.12 4.28 -2.45	54.65 4.38 -4.57	58.88 4.24 -12.20	64.87 5.20 -10.14	90.33 5.66 -31.70	105.15 5.16 -50.39	128.01 5.21 -72.99	90.30 5.66 -30.20	86.31 7.96 -6.71	141.87 12.45 0.00	244.35 18.65 0.00	82.37 5.85 0.00	61.72 4.20 0.00	56.11 3.81 0.00

ATHENS_STG_1 23668	38.22 1.25 0.00	27.15 1.07 0.00	22.72 0.91 0.00	24.07 0.91 0.00	26.31 1.02 0.00	31.02 1.20 0.00	36.89 1.35 0.00	41.97 1.78 0.00	42.24 1.78 0.00	46.07 1.97 0.00	48.57 2.17 0.00	47.91 2.21 0.00	44.59 2.15 0.00	52.19 2.65 0.00	55.79 2.82 0.00	52.07 2.48 0.00	52.20 2.40 0.00	57.01 2.58 0.00	75.54 3.89 0.00	135.65 6.23 0.00	234.97 9.26 0.00	79.26 2.73 0.00	59.74 2.22 0.00	54.38 2.08 0.00
ATHENS_STG_2 23670	38.22 1.25 0.00	27.15 1.07 0.00	22.72 0.91 0.00	24.07 0.91 0.00	26.31 1.02 0.00	31.02 1.20 0.00	36.89 1.35 0.00	41.97 1.78 0.00	42.24 1.78 0.00	46.07 1.97 0.00	48.57 2.17 0.00	47.91 2.21 0.00	44.59 2.15 0.00	52.19 2.65 0.00	55.79 2.82 0.00	52.07 2.48 0.00	52.20 2.40 0.00	57.01 2.58 0.00	75.54 3.89 0.00	135.65 6.23 0.00	234.97 9.26 0.00	79.26 2.73 0.00	59.74 2.22 0.00	54.38 2.08 0.00
ATHENS_STG_3 23677	38.22 1.25 0.00	27.15 1.07 0.00	22.72 0.91 0.00	24.07 0.91 0.00	26.31 1.02 0.00	31.02 1.20 0.00	36.89 1.35 0.00	41.97 1.78 0.00	42.24 1.78 0.00	46.07 1.97 0.00	48.57 2.17 0.00	47.91 2.21 0.00	44.59 2.15 0.00	52.19 2.65 0.00	55.79 2.82 0.00	52.07 2.48 0.00	52.20 2.40 0.00	57.01 2.58 0.00	75.54 3.89 0.00	135.65 6.23 0.00	234.97 9.26 0.00	79.26 2.73 0.00	59.74 2.22 0.00	54.38 2.08 0.00
AUBURN___LFGE 323710	37.04 0.07 0.00	26.09 0.01 0.00	21.79 -0.03 0.00	23.03 -0.12 0.00	25.23 -0.06 0.00	29.80 -0.02 0.00	35.69 0.15 0.00	40.36 0.00 -0.17	42.01 -0.30 -1.86	45.74 -0.31 -1.95	46.89 -0.40 -0.89	47.43 -0.28 -2.01	44.60 -0.24 -2.40	54.75 -0.12 -5.33	58.62 -0.20 -5.85	54.64 -0.17 -5.21	55.23 0.13 -5.30	61.03 0.42 -6.18	81.98 1.01 -9.31	145.46 2.77 -13.27	249.17 4.27 -19.20	88.81 1.25 -11.03	64.83 0.61 -6.70	55.30 0.51 -2.49
BABYLON_RES_REC 323704	39.57 2.61 0.00	28.21 2.13 0.00	23.52 1.70 0.00	24.85 1.70 0.00	27.14 1.85 0.00	32.04 2.23 0.00	38.21 2.67 0.00	43.55 3.35 0.00	43.90 3.45 0.00	48.16 4.06 0.00	53.36 4.74 -2.22	54.15 4.40 -4.06	57.25 3.99 -10.82	63.45 4.85 -9.07	87.45 5.10 -29.38	99.54 4.87 -45.07	122.37 5.15 -67.43	88.31 5.92 -27.96	86.87 8.53 -6.69	142.85 13.44 0.00	245.35 19.65 0.00	82.54 6.02 0.00	61.83 4.31 0.00	56.37 4.06 0.00
BALL_HILL_WT_PWR 323825	34.35 -2.62 0.00	22.81 -2.12 1.15	10.80 -1.76 9.25	10.59 -1.91 10.65	9.63 -2.20 13.45	12.81 -2.69 14.32	17.30 -2.61 15.63	20.62 -2.70 16.87	19.53 -2.65 18.27	22.82 -2.14 19.14	35.27 -2.43 8.70	24.22 -1.84 19.63	21.97 -1.61 18.87	26.78 -1.83 20.92	29.88 -2.51 20.57	26.31 -2.42 20.88	25.98 -2.67 21.15	29.13 -3.13 22.17	42.09 -3.38 26.17	82.99 -4.74 41.68	151.26 -9.18 65.26	43.70 -3.67 29.16	30.12 -3.11 24.29	27.85 -2.12 22.32
BARON_WINDS___WT_PWR 323822	35.35 -1.62 0.00	18.82 -1.57 5.68	-25.40 -1.41 45.81	-31.10 -1.51 52.74	-43.00 -1.65 66.64	-43.00 -1.90 70.91	-43.00 -1.80 76.74	-41.91 -1.75 80.36	-36.52 -1.99 74.99	-36.41 -2.01 78.50	8.37 -2.40 35.63	-36.78 -2.08 80.40	-36.35 -1.58 77.21	-37.04 -1.64 84.93	-32.52 -2.11 83.38	-37.18 -2.03 84.75	-38.18 -2.14 85.84	-40.80 -2.22 93.01	-42.38 -2.04 111.99	-43.33 -2.46 170.30	-43.00 -5.21 263.49	-43.00 -2.53 117.00	-43.00 -2.18 98.34	-41.62 -2.46 91.46
BARRETT_IC_1 23704	39.32 2.36 0.00	28.01 1.93 0.00	23.37 1.55 0.00	24.68 1.52 0.00	26.95 1.66 0.00	31.79 1.98 0.00	37.91 2.37 0.00	43.25 3.05 0.00	43.64 3.18 0.00	47.90 3.80 0.00	53.04 4.42 -2.22	53.95 4.19 -4.06	57.15 3.88 -10.83	64.51 4.73 -10.24	87.41 5.06 -29.38	102.25 4.76 -47.89	141.25 4.93 -86.52	101.50 5.60 -41.48	86.34 7.93 -6.76	141.83 12.40 -0.01	243.82 18.11 -0.01	82.13 5.60 -0.01	61.54 4.01 -0.01	56.08 3.78 0.00
BARRETT_IC_10 23701	39.32 2.36 0.00	28.01 1.93 0.00	23.37 1.55 0.00	24.68 1.52 0.00	26.95 1.66 0.00	31.79 1.98 0.00	37.91 2.37 0.00	43.25 3.05 0.00	43.64 3.18 0.00	47.90 3.80 0.00	53.04 4.42 -2.22	53.95 4.19 -4.06	57.15 3.88 -10.83	64.51 4.73 -10.24	87.41 5.06 -29.38	102.25 4.76 -47.89	141.25 4.93 -86.52	101.50 5.60 -41.48	86.34 7.93 -6.76	141.83 12.40 -0.01	243.82 18.11 -0.01	82.13 5.60 -0.01	61.54 4.01 -0.01	56.08 3.78 0.00
BARRETT_IC_11 23702	39.32 2.36 0.00	28.01 1.93 0.00	23.37 1.55 0.00	24.68 1.52 0.00	26.95 1.66 0.00	31.79 1.98 0.00	37.91 2.37 0.00	43.25 3.05 0.00	43.64 3.18 0.00	47.90 3.80 0.00	53.04 4.42 -2.22	53.95 4.19 -4.06	57.15 3.88 -10.83	64.51 4.73 -10.24	87.41 5.06 -29.38	102.25 4.76 -47.89	141.25 4.93 -86.52	101.50 5.60 -41.48	86.34 7.93 -6.76	141.83 12.40 -0.01	243.82 18.11 -0.01	82.13 5.60 -0.01	61.54 4.01 -0.01	56.08 3.78 0.00
BARRETT_IC_12 23703	39.32 2.36 0.00	28.01 1.93 0.00	23.37 1.55 0.00	24.68 1.52 0.00	26.95 1.66 0.00	31.79 1.98 0.00	37.91 2.37 0.00	43.25 3.05 0.00	43.64 3.18 0.00	47.90 3.80 0.00	53.04 4.42 -2.22	53.95 4.19 -4.06	57.15 3.88 -10.83	64.51 4.73 -10.24	87.41 5.06 -29.38	102.25 4.76 -47.89	141.25 4.93 -86.52	101.50 5.60 -41.48	86.34 7.93 -6.76	141.83 12.40 -0.01	243.82 18.11 -0.01	82.13 5.60 -0.01	61.54 4.01 -0.01	56.08 3.78 0.00
BARRETT_IC_2 23705	39.32 2.36 0.00	28.01 1.93 0.00	23.37 1.55 0.00	24.68 1.52 0.00	26.95 1.66 0.00	31.79 1.98 0.00	37.91 2.37 0.00	43.25 3.05 0.00	43.64 3.18 0.00	47.90 3.80 0.00	53.04 4.42 -2.22	53.95 4.19 -4.06	57.15 3.88 -10.83	64.51 4.73 -10.24	87.41 5.06 -29.38	102.25 4.76 -47.89	141.25 4.93 -86.52	101.50 5.60 -41.48	86.34 7.93 -6.76	141.83 12.40 -0.01	243.82 18.11 -0.01	82.13 5.60 -0.01	61.54 4.01 -0.01	56.08 3.78 0.00
BARRETT_IC_3 23706	39.32 2.36 0.00	28.01 1.93 0.00	23.37 1.55 0.00	24.68 1.52 0.00	26.95 1.66 0.00	31.79 1.98 0.00	37.91 2.37 0.00	43.25 3.05 0.00	43.64 3.18 0.00	47.90 3.80 0.00	53.04 4.42 -2.22	53.95 4.19 -4.06	57.15 3.88 -10.83	64.51 4.73 -10.24	87.41 5.06 -29.38	102.25 4.76 -47.89	141.25 4.93 -86.52	101.50 5.60 -41.48	86.34 7.93 -6.76	141.83 12.40 -0.01	243.82 18.11 -0.01	82.13 5.60 -0.01	61.54 4.01 -0.01	56.08 3.78 0.00
BARRETT_IC_4 23707	39.32 2.36 0.00	28.01 1.93 0.00	23.37 1.55 0.00	24.68 1.52 0.00	26.95 1.66 0.00	31.79 1.98 0.00	37.91 2.37 0.00	43.25 3.05 0.00	43.64 3.18 0.00	47.90 3.80 0.00	53.04 4.42 -2.22	53.95 4.19 -4.06	57.15 3.88 -10.83	64.51 4.73 -10.24	87.41 5.06 -29.38	102.25 4.76 -47.89	141.25 4.93 -86.52	101.50 5.60 -41.48	86.34 7.93 -6.76	141.83 12.40 -0.01	243.82 18.11 -0.01	82.13 5.60 -0.01	61.54 4.01 -0.01	56.08 3.78 0.00
BARRETT_IC_5 23708	39.32 2.36 0.00	28.01 1.93 0.00	23.37 1.55 0.00	24.68 1.52 0.00	26.95 1.66 0.00	31.79 1.98 0.00	37.91 2.37 0.00	43.25 3.05 0.00	43.64 3.18 0.00	47.90 3.80 0.00	53.04 4.42 -2.22	53.95 4.19 -4.06	57.15 3.88 -10.83	64.51 4.73 -10.24	87.41 5.06 -29.38	102.25 4.76 -47.89	141.25 4.93 -86.52	101.50 5.60 -41.48	86.34 7.93 -6.76	141.83 12.40 -0.01	243.82 18.11 -0.01	82.13 5.60 -0.01	61.54 4.01 -0.01	56.08 3.78 0.00

BARRETT_IC_6 23709	39.32 2.36 0.00	28.01 1.93 0.00	23.37 1.55 0.00	24.68 1.52 0.00	26.95 1.66 0.00	31.79 1.98 0.00	37.91 2.37 0.00	43.25 3.05 0.00	43.64 3.18 0.00	47.90 3.80 0.00	53.04 4.42 -2.22	53.95 4.19 -4.06	57.15 3.88 -10.83	64.51 4.73 -10.24	87.41 5.06 -29.38	102.25 4.76 -47.89	141.25 4.93 -86.52	101.50 5.60 -41.48	86.34 7.93 -6.76	141.83 12.40 -0.01	243.82 18.11 -0.01	82.13 5.60 -0.01	61.54 4.01 -0.01	56.08 3.78 0.00
BARRETT_IC_7 23710	39.32 2.36 0.00	28.01 1.93 0.00	23.37 1.56 0.00	24.68 1.52 0.00	26.95 1.66 0.00	31.80 1.98 0.00	37.91 2.37 0.00	43.26 3.06 0.00	43.65 3.19 0.00	47.90 3.80 0.00	53.04 4.42 -2.22	53.95 4.19 -4.06	57.14 3.87 -10.83	64.52 4.74 -10.24	87.41 5.06 -29.38	102.25 4.76 -47.89	141.28 4.95 -86.52	101.52 5.61 -41.48	86.34 7.93 -6.76	141.83 12.40 -0.01	243.79 18.08 -0.01	82.15 5.62 -0.01	61.54 4.02 -0.01	56.10 3.80 0.00
BARRETT_IC_8 23711	39.32 2.36 0.00	28.01 1.93 0.00	23.37 1.55 0.00	24.68 1.52 0.00	26.95 1.66 0.00	31.79 1.98 0.00	37.91 2.37 0.00	43.25 3.05 0.00	43.64 3.18 0.00	47.90 3.80 0.00	53.04 4.42 -2.22	53.95 4.19 -4.06	57.15 3.88 -10.83	64.51 4.73 -10.24	87.41 5.06 -29.38	102.25 4.76 -47.89	141.25 4.93 -86.52	101.50 5.60 -41.48	86.34 7.93 -6.76	141.83 12.40 -0.01	243.82 18.11 -0.01	82.13 5.60 -0.01	61.54 4.01 -0.01	56.08 3.78 0.00
BARRETT_IC_9 23700	39.32 2.36 0.00	28.01 1.93 0.00	23.37 1.55 0.00	24.68 1.52 0.00	26.95 1.66 0.00	31.79 1.98 0.00	37.91 2.37 0.00	43.25 3.05 0.00	43.64 3.18 0.00	47.90 3.80 0.00	53.04 4.42 -2.22	53.95 4.19 -4.06	57.15 3.88 -10.83	64.51 4.73 -10.24	87.41 5.06 -29.38	102.25 4.76 -47.89	141.25 4.93 -86.52	101.50 5.60 -41.48	86.34 7.93 -6.76	141.83 12.40 -0.01	243.82 18.11 -0.01	82.13 5.60 -0.01	61.54 4.01 -0.01	56.08 3.78 0.00
BARRETT___1 23545	39.32 2.36 0.00	28.01 1.93 0.00	23.37 1.55 0.00	24.68 1.52 0.00	26.95 1.66 0.00	31.79 1.98 0.00	37.91 2.37 0.00	43.25 3.05 0.00	43.64 3.18 0.00	47.90 3.80 0.00	53.04 4.42 -2.22	53.95 4.19 -4.06	57.15 3.88 -10.83	64.51 4.73 -10.24	87.41 5.06 -29.38	102.25 4.76 -47.89	141.25 4.93 -86.52	101.50 5.60 -41.48	86.34 7.93 -6.76	141.83 12.40 -0.01	243.82 18.11 -0.01	82.13 5.60 -0.01	61.54 4.01 -0.01	56.08 3.78 0.00
BARRETT___2 23546	39.32 2.36 0.00	28.01 1.93 0.00	23.37 1.55 0.00	24.68 1.52 0.00	26.95 1.66 0.00	31.79 1.98 0.00	37.91 2.37 0.00	43.25 3.05 0.00	43.64 3.18 0.00	47.90 3.80 0.00	53.04 4.42 -2.22	53.95 4.19 -4.06	57.15 3.88 -10.83	64.51 4.73 -10.24	87.41 5.06 -29.38	102.25 4.76 -47.89	141.25 4.93 -86.52	101.50 5.60 -41.48	86.34 7.93 -6.76	141.83 12.40 -0.01	243.82 18.11 -0.01	82.13 5.60 -0.01	61.54 4.01 -0.01	56.08 3.78 0.00
BATAVIA___115KV_TB1 55881	35.32 -1.64 0.00	24.12 -1.34 0.62	15.70 -1.13 4.98	16.16 -1.26 5.74	16.59 -1.46 7.25	20.47 -1.68 7.68	25.59 -1.48 8.47	29.28 -1.69 9.22	28.63 -2.14 9.68	32.02 -1.88 10.20	39.66 -2.08 4.66	33.72 -1.48 10.51	31.22 -1.21 10.01	37.06 -1.48 10.99	39.87 -2.24 10.86	36.49 -2.02 11.09	36.17 -2.31 11.33	40.05 -2.54 11.84	55.73 -1.97 13.94	105.79 -1.33 22.30	188.65 -2.11 34.95	59.93 -1.00 15.60	43.76 -0.91 12.86	40.21 -0.28 11.81
BAYONEEC___CTG1 323682	39.30 2.34 0.00	28.02 1.94 0.00	23.39 1.58 0.00	24.67 1.52 0.00	26.94 1.65 0.00	31.75 1.93 0.00	37.88 2.33 0.00	43.37 3.17 0.00	43.82 3.37 0.00	48.06 3.96 0.00	53.19 4.32 -2.48	54.77 4.43 -4.64	59.11 4.28 -12.39	65.07 5.24 -10.29	90.70 5.72 -32.01	105.91 5.21 -51.11	128.80 5.25 -73.75	90.67 5.73 -30.51	86.44 8.09 -6.71	142.10 12.68 0.00	244.60 18.89 0.00	82.46 5.93 0.00	61.78 4.26 0.00	56.16 3.86 0.00
BAYONEEC___CTG10 323750	39.30 2.34 0.00	28.02 1.94 0.00	23.39 1.58 0.00	24.67 1.52 0.00	26.94 1.65 0.00	31.75 1.93 0.00	37.88 2.33 0.00	43.37 3.17 0.00	43.82 3.37 0.00	48.06 3.96 0.00	53.19 4.32 -2.48	54.77 4.43 -4.64	59.11 4.28 -12.39	65.07 5.24 -10.29	90.70 5.72 -32.01	105.91 5.21 -51.11	128.80 5.25 -73.75	90.67 5.73 -30.51	86.44 8.09 -6.71	142.10 12.68 0.00	244.60 18.89 0.00	82.46 5.93 0.00	61.78 4.26 0.00	56.16 3.86 0.00
BAYONEEC___CTG2 323683	39.30 2.34 0.00	28.02 1.94 0.00	23.39 1.58 0.00	24.67 1.52 0.00	26.94 1.65 0.00	31.75 1.93 0.00	37.88 2.33 0.00	43.37 3.17 0.00	43.82 3.37 0.00	48.06 3.96 0.00	53.19 4.32 -2.48	54.77 4.43 -4.64	59.11 4.28 -12.39	65.07 5.24 -10.29	90.70 5.72 -32.01	105.91 5.21 -51.11	128.80 5.25 -73.75	90.67 5.73 -30.51	86.44 8.09 -6.71	142.10 12.68 0.00	244.60 18.89 0.00	82.46 5.93 0.00	61.78 4.26 0.00	56.16 3.86 0.00
BAYONEEC___CTG3 323684	39.30 2.34 0.00	28.02 1.94 0.00	23.39 1.58 0.00	24.67 1.52 0.00	26.94 1.65 0.00	31.75 1.93 0.00	37.88 2.33 0.00	43.37 3.17 0.00	43.82 3.37 0.00	48.06 3.96 0.00	53.19 4.32 -2.48	54.77 4.43 -4.64	59.11 4.28 -12.39	65.07 5.24 -10.29	90.70 5.72 -32.01	105.91 5.21 -51.11	128.80 5.25 -73.75	90.67 5.73 -30.51	86.44 8.09 -6.71	142.10 12.68 0.00	244.60 18.89 0.00	82.46 5.93 0.00	61.78 4.26 0.00	56.16 3.86 0.00
BAYONEEC___CTG4 323685	39.30 2.34 0.00	28.02 1.94 0.00	23.39 1.58 0.00	24.67 1.52 0.00	26.94 1.65 0.00	31.75 1.93 0.00	37.88 2.33 0.00	43.37 3.17 0.00	43.82 3.37 0.00	48.06 3.96 0.00	53.19 4.32 -2.48	54.77 4.43 -4.64	59.11 4.28 -12.39	65.07 5.24 -10.29	90.70 5.72 -32.01	105.91 5.21 -51.11	128.80 5.25 -73.75	90.67 5.73 -30.51	86.44 8.09 -6.71	142.10 12.68 0.00	244.60 18.89 0.00	82.46 5.93 0.00	61.78 4.26 0.00	56.16 3.86 0.00
BAYONEEC___CTG5 323686	39.30 2.34 0.00	28.02 1.94 0.00	23.39 1.58 0.00	24.67 1.52 0.00	26.94 1.65 0.00	31.75 1.93 0.00	37.88 2.33 0.00	43.37 3.17 0.00	43.82 3.37 0.00	48.06 3.96 0.00	53.19 4.32 -2.48	54.77 4.43 -4.64	59.11 4.28 -12.39	65.07 5.24 -10.29	90.70 5.72 -32.01	105.91 5.21 -51.11	128.80 5.25 -73.75	90.67 5.73 -30.51	86.44 8.09 -6.71	142.10 12.68 0.00	244.60 18.89 0.00	82.46 5.93 0.00	61.78 4.26 0.00	56.16 3.86 0.00
BAYONEEC___CTG6 323687	39.30 2.34 0.00	28.02 1.94 0.00	23.39 1.58 0.00	24.67 1.52 0.00	26.94 1.65 0.00	31.75 1.93 0.00	37.88 2.33 0.00	43.37 3.17 0.00	43.82 3.37 0.00	48.06 3.96 0.00	53.19 4.32 -2.48	54.77 4.43 -4.64	59.11 4.28 -12.39	65.07 5.24 -10.29	90.70 5.72 -32.01	105.91 5.21 -51.11	128.80 5.25 -73.75	90.67 5.73 -30.51	86.44 8.09 -6.71	142.10 12.68 0.00	244.60 18.89 0.00	82.46 5.93 0.00	61.78 4.26 0.00	56.16 3.86 0.00
BAYONEEC___CTG7 323688	39.30 2.34 0.00	28.02 1.94 0.00	23.39 1.58 0.00	24.67 1.52 0.00	26.94 1.65 0.00	31.75 1.93 0.00	37.88 2.33 0.00	43.37 3.17 0.00	43.82 3.37 0.00	48.06 3.96 0.00	53.19 4.32 -2.48	54.77 4.43 -4.64	59.11 4.28 -12.39	65.07 5.24 -10.29	90.70 5.72 -32.01	105.91 5.21 -51.11	128.80 5.25 -73.75	90.67 5.73 -30.51	86.44 8.09 -6.71	142.10 12.68 0.00	244.60 18.89 0.00	82.46 5.93 0.00	61.78 4.26 0.00	56.16 3.86 0.00

BAYONEEC___CTG8 323689	39.30 2.34 0.00	28.02 1.94 0.00	23.39 1.58 0.00	24.67 1.52 0.00	26.94 1.65 0.00	31.75 1.93 0.00	37.88 2.33 0.00	43.37 3.17 0.00	43.82 3.37 0.00	48.06 3.96 0.00	53.19 4.32 -2.48	54.77 4.43 -4.64	59.11 4.28 -12.39	65.07 5.24 -10.29	90.70 5.72 -32.01	105.91 5.21 -51.11	128.80 5.25 -73.75	90.67 5.73 -30.51	86.44 8.09 -6.71	142.10 12.68 0.00	244.60 18.89 0.00	82.46 5.93 0.00	61.78 4.26 0.00	56.16 3.86 0.00
BAYONEEC___CTG9 323749	39.30 2.34 0.00	28.02 1.94 0.00	23.39 1.58 0.00	24.67 1.52 0.00	26.94 1.65 0.00	31.75 1.93 0.00	37.88 2.33 0.00	43.37 3.17 0.00	43.82 3.37 0.00	48.06 3.96 0.00	53.19 4.32 -2.48	54.77 4.43 -4.64	59.11 4.28 -12.39	65.07 5.24 -10.29	90.70 5.72 -32.01	105.91 5.21 -51.11	128.80 5.25 -73.75	90.67 5.73 -30.51	86.44 8.09 -6.71	142.10 12.68 0.00	244.60 18.89 0.00	82.46 5.93 0.00	61.78 4.26 0.00	56.16 3.86 0.00
BAYPORT_69_KV_BK 2 356364	39.75 2.78 0.00	28.42 2.35 0.00	23.67 1.86 0.00	25.05 1.90 0.00	27.37 2.08 0.00	32.34 2.52 0.00	38.59 3.05 0.00	43.85 3.66 0.00	44.16 3.71 0.00	48.50 4.40 0.00	53.72 5.11 -2.22	54.38 4.63 -4.06	57.37 4.11 -10.82	63.56 5.03 -8.99	87.47 5.13 -29.38	99.37 4.88 -44.89	121.29 5.28 -66.21	87.58 6.04 -27.11	87.16 8.83 -6.69	143.37 13.95 0.00	245.69 19.98 0.00	82.60 6.08 0.00	61.89 4.37 0.00	56.48 4.18 0.00
BEACON___LESR 323632	37.95 0.98 0.00	26.98 0.90 0.00	22.62 0.80 0.00	23.95 0.80 0.00	26.17 0.87 0.00	30.85 1.03 0.00	36.70 1.15 0.00	41.62 1.42 0.00	41.75 1.29 0.00	45.32 1.22 0.00	47.72 1.32 0.00	47.00 1.30 0.00	43.82 1.38 0.00	51.11 1.58 0.00	54.79 1.82 0.00	51.21 1.61 0.00	51.26 1.46 0.00	56.09 1.66 0.00	74.58 2.93 0.00	134.57 5.15 0.00	234.09 8.38 0.00	78.73 2.20 0.00	59.35 1.83 0.00	53.80 1.50 0.00
BEAVER RIVER___HYD 24048	36.72 -0.24 0.00	25.72 -0.36 0.00	21.44 -0.38 0.00	22.64 -0.51 0.00	24.60 -0.69 0.00	28.83 -0.99 0.00	34.71 -0.84 0.00	38.40 -1.80 0.00	38.16 -2.29 0.00	41.34 -2.76 0.00	42.86 -3.54 0.00	41.83 -3.87 0.00	37.31 -3.33 1.81	40.43 -4.07 5.04	1.35 -3.91 47.71	22.84 -3.36 23.39	48.42 -2.74 -1.35	53.84 -2.24 -1.65	72.32 -1.93 -2.59	133.03 -0.24 -3.85	233.81 2.75 -5.36	80.75 0.78 -3.45	58.54 -0.78 -1.80	51.31 -1.07 -0.07
BEEBEE_GT_13 23619	35.98 -0.99 0.00	25.27 -0.81 0.00	21.06 -0.75 0.00	22.29 -0.86 0.00	24.30 -1.00 0.00	28.69 -1.13 -0.01	34.55 -1.00 0.00	39.07 -1.13 -0.01	39.15 -1.32 -0.02	43.14 -0.97 -0.01	45.48 -0.92 0.00	45.19 -0.51 0.00	42.07 -0.37 0.00	49.14 -0.42 -0.02	52.23 -0.76 -0.01	48.98 -0.63 -0.01	49.18 -0.62 0.00	53.81 -0.62 0.00	71.74 0.09 0.00	130.40 0.98 0.00	226.15 0.45 0.00	76.24 -0.29 0.00	57.01 -0.54 -0.02	52.09 -0.23 -0.02
BENSHRST_27_KV_BENSHRST_1 355998	39.65 2.69 0.00	28.25 2.17 0.00	23.57 1.75 0.00	24.85 1.70 0.00	27.12 1.82 0.00	31.95 2.14 0.00	38.16 2.62 0.00	43.75 3.56 0.00	44.21 3.76 0.00	48.48 4.38 0.00	53.76 4.94 -2.43	55.44 5.12 -4.63	59.78 4.96 -12.38	65.68 5.91 -10.24	90.88 6.39 -31.52	105.54 5.85 -50.09	128.29 5.91 -72.58	91.14 6.40 -30.31	87.09 8.74 -6.71	143.13 13.71 0.00	246.42 20.71 0.00	83.34 6.81 0.00	62.44 4.92 0.00	56.75 4.45 0.00
BETHLEHEM___GRP 23843	37.52 0.55 0.00	26.67 0.60 0.00	22.38 0.56 0.00	23.70 0.54 0.00	25.87 0.58 0.00	30.50 0.68 0.00	36.23 0.69 0.00	41.09 0.89 0.00	41.26 0.80 0.00	44.82 0.72 0.00	47.20 0.81 0.00	46.51 0.81 0.00	43.37 0.93 0.00	50.54 1.01 0.00	54.15 1.19 0.00	50.57 0.97 0.00	50.58 0.78 0.00	55.30 0.87 0.00	73.37 1.72 0.00	132.31 2.89 0.00	230.10 4.40 0.00	77.47 0.94 0.00	58.47 0.95 0.00	53.06 0.76 0.00
BETHLEHEM___GS1 323560	37.52 0.55 0.00	26.67 0.59 0.00	22.38 0.56 0.00	23.70 0.54 0.00	25.87 0.58 0.00	30.50 0.68 0.00	36.23 0.68 0.00	41.09 0.89 0.00	41.24 0.79 0.00	44.81 0.71 0.00	47.20 0.80 0.00	46.50 0.80 0.00	43.36 0.92 0.00	50.54 1.01 0.00	54.14 1.18 0.00	50.57 0.97 0.00	50.58 0.78 0.00	55.27 0.84 0.00	73.38 1.73 0.00	132.29 2.87 0.00	230.09 4.38 0.00	77.46 0.94 0.00	58.46 0.94 0.00	53.05 0.75 0.00
BETHLEHEM___GS2 323561	37.52 0.55 0.00	26.67 0.59 0.00	22.38 0.56 0.00	23.70 0.54 0.00	25.87 0.58 0.00	30.50 0.68 0.00	36.23 0.68 0.00	41.09 0.89 0.00	41.24 0.79 0.00	44.81 0.71 0.00	47.20 0.80 0.00	46.50 0.80 0.00	43.36 0.92 0.00	50.54 1.01 0.00	54.14 1.18 0.00	50.57 0.97 0.00	50.58 0.78 0.00	55.27 0.84 0.00	73.38 1.73 0.00	132.29 2.87 0.00	230.09 4.38 0.00	77.46 0.94 0.00	58.46 0.94 0.00	53.05 0.75 0.00
BETHLEHEM___GS3 323562	37.52 0.55 0.00	26.67 0.59 0.00	22.38 0.56 0.00	23.70 0.54 0.00	25.87 0.58 0.00	30.50 0.68 0.00	36.23 0.68 0.00	41.09 0.89 0.00	41.24 0.79 0.00	44.81 0.71 0.00	47.20 0.80 0.00	46.50 0.80 0.00	43.36 0.92 0.00	50.54 1.01 0.00	54.14 1.18 0.00	50.57 0.97 0.00	50.58 0.78 0.00	55.27 0.84 0.00	73.38 1.73 0.00	132.29 2.87 0.00	230.09 4.38 0.00	77.46 0.94 0.00	58.46 0.94 0.00	53.05 0.75 0.00
BETHLEHEM___STEEL 23779	34.35 -2.62 0.00	22.84 -2.11 1.13	10.93 -1.80 9.09	10.73 -1.96 10.46	9.79 -2.28 13.22	13.03 -2.72 14.07	17.28 -2.75 15.52	20.48 -2.99 16.73	19.55 -2.94 17.97	22.78 -2.47 18.84	35.13 -2.69 8.57	24.34 -2.02 19.34	22.09 -1.77 18.58	26.86 -2.11 20.57	29.88 -2.85 20.24	26.40 -2.65 20.54	26.00 -2.96 20.84	29.04 -3.50 21.89	42.05 -3.72 25.87	82.47 -5.86 41.09	150.44 -10.96 64.30	43.76 -4.04 28.72	30.39 -3.24 23.89	28.04 -2.31 21.96
BETHLHEM_115KV_TB1 79974	37.60 0.63 0.00	26.72 0.64 0.00	22.40 0.59 0.00	23.74 0.58 0.00	25.92 0.62 0.00	30.55 0.74 0.00	36.30 0.76 0.00	41.16 0.97 0.00	41.34 0.89 0.00	44.93 0.83 0.00	47.31 0.92 0.00	46.63 0.93 0.00	43.46 1.02 0.00	50.66 1.13 0.00	54.28 1.31 0.00	50.69 1.10 0.00	50.71 0.91 0.00	55.43 1.00 0.00	73.56 1.92 0.00	132.62 3.20 0.00	230.54 4.84 0.00	77.68 1.15 0.00	58.61 1.09 0.00	53.20 0.90 0.00
BETHPAGE_CC_5 323564	39.58 2.62 0.00	28.20 2.12 0.00	23.51 1.69 0.00	24.83 1.68 0.00	27.12 1.83 0.00	32.01 2.19 0.00	38.17 2.63 0.00	43.53 3.34 0.00	43.91 3.46 0.00	48.21 4.11 0.00	53.40 4.78 -2.22	54.28 4.53 -4.06	57.43 4.17 -10.82	63.68 5.08 -9.07	87.70 5.35 -29.38	99.76 5.10 -45.07	122.48 5.25 -67.43	88.40 6.01 -27.96	86.85 8.51 -6.69	142.78 13.37 0.00	245.28 19.57 0.00	82.59 6.06 0.00	61.91 4.39 0.00	56.41 4.11 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	34.40 -2.56 0.00	22.93 -2.08 1.07	11.43 -1.77 8.62	11.30 -1.93 9.92	10.52 -2.24 12.53	13.81 -2.68 13.33	18.21 -2.71 14.62	21.45 -2.92 15.82	20.15 -2.82 17.49	23.43 -2.34 18.33	35.50 -2.55 8.34	24.98 -1.90 18.82	22.70 -1.65 18.08	27.56 -1.96 20.02	30.62 -2.66 19.69	27.13 -2.48 19.99	26.76 -2.76 20.28	29.81 -3.30 21.31	42.98 -3.46 25.21	84.02 -5.41 39.99	152.88 -10.25 62.57	44.77 -3.81 27.95	31.19 -3.08 23.25	28.70 -2.23 21.37

BINGHAMTON___COGEN 23790	36.91 -0.05 0.00	25.97 -0.10 0.00	21.71 -0.11 0.00	23.03 -0.12 0.00	25.14 -0.15 0.00	29.65 -0.17 0.00	35.51 -0.03 0.00	40.37 0.17 0.00	40.52 0.06 0.00	44.29 0.19 0.00	46.48 0.09 0.00	45.99 0.29 0.00	43.02 0.43 -0.14	51.63 0.71 -1.38	55.33 0.71 -1.65	51.67 0.66 -1.41	51.92 0.68 -1.44	57.09 0.78 -1.87	76.69 1.83 -3.21	137.13 3.54 -4.17	236.12 4.73 -5.68	81.23 1.05 -3.66	59.89 0.46 -1.91	52.71 0.33 -0.08
BIXINCNT_115KV_LOAD 355685	34.36 -2.61 0.00	23.15 -2.17 0.76	13.82 -1.90 6.09	14.09 -2.06 7.01	13.99 -2.45 8.86	17.61 -2.84 9.37	22.99 -2.87 9.68	26.42 -2.88 10.89	22.68 -2.37 15.40	26.09 -1.87 16.14	36.91 -2.14 7.34	27.10 -2.03 16.57	24.61 -1.88 15.95	29.90 -1.98 17.66	33.36 -2.25 17.37	29.76 -2.24 17.60	29.50 -2.45 17.85	32.43 -3.18 18.82	45.83 -3.50 22.32	88.94 -5.23 35.25	160.60 -9.97 55.13	48.42 -3.48 24.63	34.09 -2.94 20.49	30.49 -2.98 18.83
BLACK RIVER___HYD 24047	36.67 -0.29 0.00	25.65 -0.43 0.00	21.37 -0.45 0.00	22.55 -0.60 0.00	24.55 -0.74 0.00	28.85 -0.97 0.00	34.92 -0.62 0.00	38.50 -1.70 0.00	38.09 -2.37 0.00	41.19 -2.92 0.00	42.71 -3.69 0.00	41.85 -3.86 0.00	37.96 -3.34 1.14	43.26 -3.92 2.36	17.56 -3.80 31.61	31.26 -3.33 15.01	49.12 -2.79 -2.10	54.83 -2.16 -2.56	74.34 -1.49 -4.19	136.43 1.03 -5.98	239.44 5.41 -8.32	83.42 1.53 -5.36	59.94 -0.37 -2.80	51.46 -0.95 -0.11
BLACKRVR_115KV_TB2 79977	36.67 -0.29 0.00	25.65 -0.43 0.00	21.37 -0.44 0.00	22.55 -0.60 0.00	24.55 -0.74 0.00	28.85 -0.97 0.00	34.92 -0.62 0.00	38.50 -1.70 0.00	38.09 -2.37 0.00	41.19 -2.92 0.00	42.71 -3.69 0.00	41.85 -3.85 0.00	37.97 -3.34 1.14	43.25 -3.92 2.36	17.56 -3.80 31.61	31.26 -3.33 15.01	49.11 -2.79 -2.10	54.82 -2.17 -2.56	74.35 -1.48 -4.19	136.43 1.03 -5.98	239.42 5.40 -8.32	83.40 1.52 -5.36	59.94 -0.37 -2.80	51.46 -0.95 -0.11
BLISS_WT_PWR 323608	34.25 -2.72 0.00	23.06 -2.26 0.76	13.75 -1.97 6.09	14.00 -2.14 7.01	13.88 -2.55 8.86	17.48 -2.97 9.37	22.91 -2.96 9.68	26.48 -2.83 10.89	22.73 -2.33 15.40	26.12 -1.84 16.14	36.91 -2.14 7.34	26.98 -2.15 16.57	24.44 -2.05 15.95	29.68 -2.20 17.66	33.21 -2.39 17.37	29.61 -2.39 17.60	29.39 -2.56 17.85	32.34 -3.27 18.82	45.50 -3.83 22.32	88.85 -5.31 35.25	160.46 -10.12 55.13	48.35 -3.55 24.63	34.06 -2.96 20.49	30.19 -3.27 18.83
BLUESTONE___WT_PWR 323821	38.20 1.24 0.00	26.56 0.48 0.00	22.09 0.27 0.00	23.42 0.27 0.00	25.60 0.31 0.00	30.35 0.53 0.00	36.53 0.98 0.00	41.35 1.15 0.00	41.52 1.06 0.00	45.56 1.46 0.00	47.82 1.43 0.00	46.97 1.27 0.00	43.99 1.45 -0.10	52.12 1.83 -0.75	52.23 1.91 2.65	51.01 1.55 0.14	44.36 1.64 7.08	53.86 1.65 2.22	75.32 3.68 0.00	139.15 6.82 -2.91	239.64 9.96 -3.99	80.88 1.79 -2.57	59.92 1.07 -1.34	52.84 0.48 -0.05
BLUE_CIRC_CHEM_DRP 24182	37.94 0.98 0.00	26.95 0.87 0.00	22.58 0.76 0.00	23.94 0.79 0.00	26.17 0.87 0.00	30.85 1.03 0.00	36.63 1.09 0.00	41.43 1.23 0.00	41.49 1.04 0.00	45.14 1.04 0.00	47.53 1.13 0.00	46.76 1.06 0.00	43.51 1.07 0.00	50.76 1.22 0.00	54.34 1.37 0.00	50.75 1.16 0.00	50.82 1.02 0.00	55.57 1.13 0.00	73.90 2.25 0.00	133.51 4.09 0.00	232.30 6.60 0.00	78.39 1.86 0.00	59.13 1.61 0.00	53.74 1.44 0.00
BOC_GAS_DRP 24189	37.76 0.79 0.00	26.80 0.72 0.00	22.45 0.63 0.00	23.79 0.64 0.00	26.01 0.71 0.00	30.65 0.84 0.00	36.43 0.89 0.00	41.33 1.13 0.00	41.54 1.08 0.00	45.23 1.12 0.00	47.64 1.25 0.00	46.96 1.26 0.00	43.71 1.27 0.00	51.03 1.49 0.00	54.62 1.65 0.00	50.99 1.39 0.00	51.04 1.24 0.00	55.73 1.31 0.00	73.86 2.22 0.00	133.07 3.66 0.00	231.26 5.56 0.00	78.03 1.51 0.00	58.86 1.34 0.00	53.51 1.21 0.00
BOONVILLE_115KV_TB1 79983	37.64 0.68 0.00	26.45 0.37 0.00	22.08 0.26 0.00	23.36 0.20 0.00	25.43 0.14 0.00	29.90 0.08 0.00	35.90 0.36 0.00	40.28 0.08 0.00	40.18 -0.28 0.00	43.65 -0.45 0.00	45.45 -0.94 0.00	44.48 -1.22 0.00	42.92 -0.86 -1.34	53.43 -1.08 -4.97	85.11 -0.85 -32.98	65.69 -0.81 -16.90	50.40 -0.29 -0.89	55.81 0.29 -1.09	74.88 1.48 -1.75	136.85 4.89 -2.54	238.93 9.70 -3.53	81.78 2.98 -2.27	59.97 1.26 -1.19	53.24 0.90 -0.05
BORALEX_4TH_BRANCH 23824	38.46 1.49 0.00	27.38 1.30 0.00	22.95 1.13 0.00	24.31 1.16 0.00	26.56 1.27 0.00	31.29 1.48 0.00	37.21 1.67 0.00	42.15 1.95 0.00	42.25 1.79 0.00	45.75 1.65 0.00	48.25 1.86 0.00	47.50 1.80 0.00	44.07 1.63 0.00	51.37 1.83 0.00	55.08 2.11 0.00	51.28 1.68 0.00	51.15 1.35 0.00	55.92 1.49 0.00	74.55 2.90 0.00	135.16 5.75 0.00	236.06 10.36 0.00	79.15 2.62 0.00	60.00 2.48 0.00	54.34 2.04 0.00
BOWLINE___1 23526	38.96 1.99 0.00	27.68 1.60 0.00	23.14 1.32 0.00	24.44 1.28 0.00	26.66 1.37 0.00	31.43 1.62 0.00	37.55 2.00 0.00	42.94 2.74 0.00	43.28 2.82 0.00	47.40 3.30 0.34	49.70 3.64 0.55	48.88 3.73 0.34	44.59 3.61 1.46	53.86 4.49 0.16	72.56 4.86 -14.73	53.43 4.38 0.54	84.91 4.47 -30.64	72.81 4.85 -13.54	88.67 6.97 -10.05	140.47 11.06 0.00	242.27 16.56 0.00	81.51 4.98 0.00	61.08 3.56 0.00	55.53 3.24 0.00
BOWLINE___2 23595	38.96 1.99 0.00	27.68 1.60 0.00	23.14 1.32 0.00	24.44 1.28 0.00	26.66 1.37 0.00	31.43 1.62 0.00	37.55 2.00 0.00	42.94 2.74 0.00	43.28 2.82 0.00	47.40 3.30 0.34	49.70 3.64 0.55	48.88 3.73 0.34	44.59 3.62 1.46	53.87 4.51 0.17	72.52 4.90 -14.64	53.47 4.45 0.58	84.79 4.53 -30.46	72.84 4.95 -13.46	88.77 7.11 -10.01	140.71 11.29 0.00	242.61 16.91 0.00	81.66 5.14 0.00	61.19 3.67 0.00	55.62 3.32 0.00
BRADY___115KV_TB2 356060	36.73 -0.24 0.00	25.82 -0.26 0.00	21.55 -0.27 0.00	22.84 -0.31 0.00	24.92 -0.37 0.00	29.43 -0.39 0.00	35.06 -0.48 0.00	39.12 -1.07 0.00	39.57 -0.89 0.00	42.90 -1.20 0.00	44.81 -1.59 0.00	44.00 -1.70 0.00	40.48 -1.52 0.44	46.00 -2.09 1.45	39.52 -2.28 11.17	42.12 -1.87 5.60	48.03 -1.77 0.00	52.42 -2.01 0.00	67.46 -3.34 0.84	124.66 -4.76 0.00	220.87 -4.83 0.00	75.33 -1.20 0.00	56.41 -1.11 0.00	51.28 -1.02 0.00
BRANSCOMB___SOLAR 323811	38.71 1.74 0.00	27.51 1.43 0.00	23.01 1.20 0.00	24.38 1.23 0.00	26.65 1.36 0.00	31.46 1.64 0.00	37.46 1.91 0.00	42.38 2.18 0.00	42.39 1.93 0.00	45.76 1.67 0.00	48.14 1.75 0.00	47.38 1.68 0.00	43.98 1.54 0.00	51.30 1.76 0.00	54.87 1.90 0.00	51.23 1.63 0.00	51.30 1.50 0.00	56.29 1.85 0.00	75.27 3.62 0.00	136.79 7.37 0.00	238.68 12.97 0.00	80.30 3.77 0.00	60.66 3.14 0.00	54.94 2.64 0.00
BRDGHMPT_69_KV_BK1 55812	39.02 2.06 0.00	28.18 2.10 0.00	23.38 1.57 0.00	25.11 1.96 0.00	27.51 2.21 0.00	32.53 2.72 0.00	38.88 3.34 0.00	43.80 3.60 0.00	43.97 3.51 0.00	48.46 4.36 0.00	53.81 5.19 -2.22	54.41 4.66 -4.06	57.40 4.14 -10.82	63.76 5.25 -8.98	87.69 5.34 -29.38	99.10 4.64 -44.87	120.32 4.47 -66.05	86.45 5.03 -26.99	86.04 7.71 -6.69	141.05 11.64 0.00	240.03 14.33 0.00	81.16 4.64 0.00	60.68 3.16 0.00	55.31 3.01 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	39.69 2.72 0.00	28.32 2.25 0.00	23.60 1.79 0.00	24.95 1.80 0.00	27.26 1.97 0.00	32.18 2.37 0.00	38.38 2.83 0.00	43.69 3.49 0.00	43.94 3.48 0.00	48.22 4.12 0.00	53.56 4.94 -2.22	54.30 4.54 -4.06	57.27 4.01 -10.82	63.30 4.77 -8.99	87.12 4.77 -29.38	99.05 4.56 -44.90	120.93 4.88 -66.25	87.22 5.64 -27.15	86.50 8.17 -6.69	142.15 12.74 0.00	243.83 18.13 0.00	82.09 5.57 0.00	61.66 4.14 0.00	56.38 4.08 0.00
BRISTLHL_115KV_TB1 79998	35.97 -1.00 0.00	25.40 -0.68 0.00	21.22 -0.60 0.00	22.50 -0.65 0.00	24.57 -0.72 0.00	28.99 -0.83 0.00	34.64 -0.91 0.00	39.16 -1.04 0.00	39.31 -1.15 0.00	42.87 -1.24 0.00	45.09 -1.30 0.00	44.42 -1.28 0.00	41.77 -1.28 -0.61	54.57 -1.40 -6.43	57.79 -1.51 -6.33	54.15 -1.42 -5.98	55.38 -1.34 -6.92	61.56 -1.29 -8.43	84.65 -1.20 -14.20	147.49 -1.59 -19.67	249.89 -3.17 -27.36	92.76 -1.39 -17.62	65.41 -1.31 -9.19	51.44 -1.23 -0.37
BROOKHAVEN___DRP 24191	39.30 2.34 0.00	28.20 2.12 0.00	23.48 1.66 0.00	24.88 1.72 0.00	27.20 1.91 0.00	32.13 2.31 0.00	38.33 2.79 0.00	43.46 3.26 0.00	43.71 3.25 0.00	48.00 3.90 0.00	53.17 4.55 -2.22	53.74 3.99 -4.06	56.76 3.50 -10.82	62.90 4.38 -8.98	86.84 4.50 -29.38	98.71 4.25 -44.87	120.40 4.55 -66.05	86.58 5.15 -26.99	86.12 7.79 -6.69	141.47 12.05 0.00	242.16 16.46 0.00	81.53 5.00 0.00	61.07 3.55 0.00	55.77 3.47 0.00
BROOKLYN_NAVY_YARD 23515	39.22 2.26 0.00	27.97 1.89 0.00	23.33 1.51 0.00	24.60 1.44 0.00	26.86 1.57 0.00	31.66 1.84 0.00	37.75 2.21 0.00	43.24 3.05 0.00	43.73 3.27 0.00	47.95 3.85 0.00	52.99 4.17 -2.43	54.49 4.25 -4.54	58.67 4.12 -12.10	64.69 5.09 -10.07	90.06 5.55 -31.54	104.64 5.06 -49.99	127.50 5.10 -72.60	90.04 5.56 -30.05	86.23 7.88 -6.71	141.73 12.31 0.00	244.09 18.39 0.00	82.24 5.71 0.00	61.65 4.13 0.00	56.03 3.73 0.00
BROOKLYN___ARMY_DRP 323595	39.46 2.49 0.00	28.12 2.04 0.00	23.46 1.64 0.00	24.74 1.59 0.00	27.01 1.72 0.00	31.83 2.01 0.00	37.98 2.44 0.00	43.53 3.34 0.00	43.98 3.53 0.00	48.20 4.10 0.00	53.46 4.64 -2.43	55.13 4.80 -4.63	59.48 4.66 -12.38	65.32 5.55 -10.24	90.51 6.02 -31.52	105.19 5.50 -50.09	127.95 5.56 -72.58	90.75 6.01 -30.31	86.57 8.22 -6.71	142.22 12.80 0.00	244.83 19.13 0.00	82.80 6.28 0.00	62.06 4.54 0.00	56.43 4.13 0.00
BROOME_2_LFGE 323671	36.91 -0.05 0.00	25.97 -0.10 0.00	21.71 -0.11 0.00	23.03 -0.13 0.00	25.14 -0.15 0.00	29.65 -0.17 0.00	35.50 -0.04 0.00	40.37 0.17 0.00	40.50 0.05 0.00	44.29 0.19 0.00	46.49 0.09 0.00	45.98 0.28 0.00	43.00 0.42 -0.14	51.62 0.70 -1.38	55.32 0.70 -1.65	51.66 0.66 -1.41	51.91 0.67 -1.44	57.08 0.78 -1.87	76.68 1.82 -3.21	137.12 3.53 -4.17	236.09 4.70 -5.68	81.20 1.01 -3.66	59.89 0.46 -1.91	52.71 0.33 -0.08
BROOME___LFGE 323600	36.91 -0.05 0.00	25.97 -0.10 0.00	21.71 -0.11 0.00	23.03 -0.13 0.00	25.14 -0.15 0.00	29.65 -0.17 0.00	35.50 -0.04 0.00	40.37 0.17 0.00	40.50 0.05 0.00	44.29 0.19 0.00	46.49 0.09 0.00	45.98 0.28 0.00	43.00 0.42 -0.14	51.62 0.70 -1.38	55.32 0.70 -1.65	51.66 0.66 -1.41	51.91 0.67 -1.44	57.08 0.78 -1.87	76.68 1.82 -3.21	137.12 3.53 -4.17	236.09 4.70 -5.68	81.20 1.01 -3.66	59.89 0.46 -1.91	52.71 0.33 -0.08
BROWNFLS_115KV_TB_3_5 80003	36.11 -0.85 0.00	25.33 -0.74 0.00	21.12 -0.69 0.00	22.35 -0.81 0.00	24.32 -0.97 0.00	28.59 -1.23 0.00	34.14 -1.41 0.00	37.79 -2.41 0.00	37.82 -2.63 0.00	40.96 -3.14 0.00	42.61 -3.79 0.00	41.64 -4.06 0.00	37.57 -3.58 1.29	41.50 -4.41 3.63	14.42 -4.46 34.09	28.98 -3.89 16.72	47.29 -3.44 -0.93	52.25 -3.32 -1.14	69.24 -4.00 -1.59	127.27 -4.81 -2.66	224.17 -5.23 -3.70	77.16 -1.75 -2.38	56.54 -2.23 -1.24	50.21 -2.14 -0.05
BROWNSV1_27_KV_LOAD 356125	39.62 2.66 0.00	28.23 2.15 0.00	23.57 1.76 0.00	24.85 1.70 0.00	27.14 1.85 0.00	31.99 2.17 0.00	38.17 2.63 0.00	43.73 3.53 0.00	44.22 3.76 0.00	48.49 4.39 0.00	53.67 4.79 -2.48	55.24 4.90 -4.64	59.56 4.74 -12.39	65.62 5.79 -10.29	91.28 6.30 -32.01	106.48 5.77 -51.11	129.38 5.83 -73.75	91.29 6.36 -30.51	87.24 8.88 -6.71	143.62 14.20 0.00	247.20 21.50 0.00	83.34 6.82 0.00	62.42 4.90 0.00	56.71 4.41 0.00
BURROWS___LYONSDAL 23803	37.44 0.48 0.00	26.28 0.20 0.00	21.93 0.11 0.00	23.20 0.04 0.00	25.23 -0.06 0.00	29.62 -0.20 0.00	35.59 0.04 0.00	39.85 -0.35 0.00	39.76 -0.70 0.00	43.17 -0.93 0.00	44.87 -1.53 0.00	43.80 -1.89 0.00	41.08 -1.45 -0.09	48.60 -1.84 -0.90	52.46 -1.59 -1.09	49.06 -1.50 -0.96	49.87 -0.91 -0.98	55.31 -0.32 -1.20	74.26 0.70 -1.91	136.00 3.79 -2.80	237.92 8.32 -3.89	81.56 2.52 -2.51	59.57 0.74 -1.31	52.77 0.42 -0.05
CAITHNESS_CC_1 323624	39.36 2.40 0.00	28.21 2.13 0.00	23.48 1.66 0.00	24.88 1.72 0.00	27.19 1.90 0.00	32.11 2.30 0.00	38.30 2.76 0.00	43.47 3.27 0.00	43.74 3.28 0.00	48.02 3.92 0.00	53.21 4.60 -2.22	53.82 4.06 -4.06	56.83 3.57 -10.82	62.93 4.41 -8.98	86.87 4.53 -29.38	98.74 4.28 -44.87	120.42 4.58 -66.04	86.62 5.20 -26.99	86.12 7.79 -6.68	141.47 12.05 0.00	242.32 16.62 0.00	81.56 5.03 0.00	61.11 3.59 0.00	55.80 3.49 0.00
CALPINE BETH_PAGE_GT4 24209	39.56 2.60 0.00	28.18 2.10 0.00	23.50 1.68 0.00	24.82 1.66 0.00	27.11 1.82 0.00	31.99 2.17 0.00	38.15 2.61 0.00	43.51 3.31 0.00	43.90 3.45 0.00	48.19 4.09 0.00	53.36 4.75 -2.22	54.26 4.51 -4.06	57.42 4.16 -10.82	63.72 5.07 -9.11	87.66 5.32 -29.38	99.86 5.08 -45.19	123.21 5.17 -68.24	88.99 5.90 -28.65	86.70 8.36 -6.69	142.51 13.09 0.00	244.86 19.15 0.00	82.47 5.94 0.00	61.91 4.39 0.00	56.43 4.13 0.00
CALPINE_BETH_PAGE_GT_4 323586	39.56 2.60 0.00	28.18 2.10 0.00	23.50 1.68 0.00	24.82 1.66 0.00	27.10 1.81 0.00	31.99 2.17 0.00	38.14 2.60 0.00	43.50 3.31 0.00	43.89 3.44 0.00	48.18 4.08 0.00	53.36 4.75 -2.22	54.26 4.51 -4.06	57.43 4.16 -10.82	63.72 5.07 -9.11	87.66 5.32 -29.38	99.86 5.07 -45.19	123.19 5.15 -68.24	88.96 5.88 -28.65	86.69 8.35 -6.69	142.49 13.07 0.00	244.80 19.10 0.00	82.44 5.91 0.00	61.90 4.38 0.00	56.40 4.10 0.00
CALPINE_BP_GT1 23823	39.56 2.60 0.00	28.18 2.10 0.00	23.50 1.68 0.00	24.82 1.66 0.00	27.10 1.81 0.00	31.99 2.17 0.00	38.14 2.60 0.00	43.50 3.31 0.00	43.89 3.44 0.00	48.18 4.08 0.00	53.36 4.75 -2.22	54.26 4.51 -4.06	57.43 4.16 -10.82	63.72 5.07 -9.11	87.66 5.32 -29.38	99.86 5.07 -45.19	123.19 5.15 -68.24	88.96 5.88 -28.65	86.69 8.35 -6.69	142.49 13.07 0.00	244.80 19.10 0.00	82.44 5.91 0.00	61.90 4.38 0.00	56.40 4.10 0.00
CALSPAN___DRP 24200	34.35 -2.62 0.00	22.84 -2.11 1.13	10.93 -1.80 9.09	10.73 -1.96 10.46	9.79 -2.28 13.22	13.03 -2.72 14.07	17.28 -2.75 15.52	20.48 -2.99 16.73	19.55 -2.94 17.97	22.78 -2.47 18.84	35.13 -2.69 8.57	24.34 -2.02 19.34	22.09 -1.77 18.58	26.86 -2.11 20.57	29.88 -2.85 20.24	26.40 -2.65 20.54	26.00 -2.96 20.84	29.04 -3.50 21.89	42.05 -3.72 25.87	82.47 -5.86 41.09	150.44 -10.96 64.30	43.76 -4.04 28.72	30.39 -3.24 23.89	28.04 -2.31 21.96

CALVERTON___SOLAR 323806	39.25 2.29 0.00	28.20 2.12 0.00	23.46 1.65 0.00	24.90 1.75 0.00	27.22 1.93 0.00	32.16 2.34 0.00	38.38 2.84 0.00	43.47 3.27 0.00	43.68 3.22 0.00	47.97 3.87 0.00	53.17 4.55 -2.22	53.71 3.96 -4.06	56.73 3.48 -10.82	62.89 4.37 -8.98	86.87 4.53 -29.38	98.70 4.24 -44.87	120.36 4.51 -66.05	86.51 5.09 -26.99	86.12 7.78 -6.68	141.43 12.01 0.00	241.94 16.24 0.00	81.48 4.96 0.00	61.01 3.49 0.00	55.69 3.39 0.00
CANDIGU_WT_PWR 323617	35.35 -1.62 0.00	18.82 -1.57 5.68	-25.40 -1.41 45.81	-31.10 -1.51 52.74	-43.00 -1.65 66.64	-43.00 -1.90 70.91	-43.00 -1.80 76.74	-41.91 -1.75 80.36	-36.52 -1.99 74.99	-36.41 -2.01 78.50	8.37 -2.40 35.63	-36.78 -2.08 80.40	-36.35 -1.58 77.21	-37.04 -1.64 84.93	-32.52 -2.11 83.38	-37.18 -2.03 84.75	-38.18 -2.14 85.84	-40.80 -2.22 93.01	-42.38 -2.04 111.99	-43.33 -2.46 170.30	-43.00 -5.21 263.49	-43.00 -2.53 117.00	-43.00 -2.18 98.34	-41.62 -2.46 91.46
CARR STREET_E_SYR 24060	36.54 -0.42 0.00	25.79 -0.29 0.00	21.55 -0.27 0.00	22.84 -0.31 0.00	24.95 -0.34 0.00	29.43 -0.39 0.00	35.18 -0.37 0.00	39.78 -0.42 0.00	39.92 -0.54 0.00	43.59 -0.51 0.00	45.86 -0.54 0.00	45.24 -0.46 0.00	42.17 -0.46 -0.19	50.99 -0.47 -1.92	54.76 -0.52 -2.30	51.10 -0.46 -1.96	51.46 -0.34 -2.00	56.64 -0.23 -2.44	75.99 0.23 -4.11	136.05 0.94 -5.69	234.51 0.89 -7.92	81.55 -0.08 -5.10	59.85 -0.33 -2.66	52.07 -0.33 -0.11
CARTHAGE___PAPER 23857	36.71 -0.25 0.00	25.70 -0.38 0.00	21.42 -0.40 0.00	22.61 -0.54 0.00	24.58 -0.71 0.00	28.85 -0.97 0.00	34.81 -0.73 0.00	38.43 -1.76 0.00	38.13 -2.33 0.00	41.25 -2.85 0.00	42.78 -3.62 0.00	41.82 -3.88 0.00	37.71 -3.34 1.39	42.12 -4.02 3.40	11.25 -3.88 37.84	27.99 -3.36 18.25	48.85 -2.76 -1.81	54.41 -2.23 -2.21	73.43 -1.79 -3.57	134.79 0.22 -5.16	236.84 3.96 -7.17	82.28 1.13 -4.62	59.35 -0.58 -2.41	51.39 -1.01 -0.10
CASSADAGA_WT_PWR 323784	33.89 -3.07 0.00	22.76 -2.48 0.84	12.95 -2.08 6.78	13.10 -2.24 7.81	12.90 -2.53 9.87	16.27 -3.08 10.47	21.41 -3.03 11.10	25.01 -2.83 12.36	21.50 -2.52 16.44	25.06 -1.82 17.23	36.50 -2.06 7.83	26.24 -1.78 17.68	23.83 -1.60 17.00	29.07 -1.62 18.84	32.02 -2.42 18.53	28.29 -2.52 18.79	27.99 -2.77 19.04	31.19 -3.21 20.03	44.31 -3.64 23.70	87.44 -4.40 37.57	158.43 -8.48 58.79	46.66 -3.60 26.27	32.37 -3.28 21.87	30.34 -1.86 20.10
CE_DUNWOOD___DRP 24194	39.13 2.16 0.00	27.84 1.76 0.00	23.27 1.45 0.00	24.57 1.41 0.00	26.81 1.52 0.00	31.62 1.80 0.00	37.73 2.19 0.00	43.16 2.96 0.00	43.56 3.10 0.00	47.70 3.60 0.00	49.77 3.96 0.58	48.78 4.04 0.97	43.76 3.91 2.58	53.01 4.81 1.33	65.79 5.21 -7.60	47.95 4.77 6.42	69.65 4.86 -14.98	66.59 5.30 -6.86	86.17 7.55 -6.97	141.42 12.00 0.00	243.75 18.05 0.00	82.08 5.55 0.00	61.53 4.01 0.00	55.92 3.62 0.00
CE_MILLWOOD___DRP 24193	39.05 2.09 0.00	27.78 1.70 0.00	23.22 1.40 0.00	24.52 1.37 0.00	26.76 1.47 0.00	31.55 1.74 0.00	37.66 2.12 0.00	43.06 2.87 0.00	43.44 2.98 0.00	47.57 3.47 0.00	49.73 3.81 0.47	48.75 3.90 0.85	43.96 3.77 2.25	53.16 4.66 1.04	66.91 5.06 -8.88	49.28 4.63 4.94	72.36 4.72 -17.83	67.63 5.14 -8.06	86.39 7.35 -7.39	141.14 11.72 0.00	243.30 17.60 0.00	81.90 5.37 0.00	61.41 3.89 0.00	55.81 3.51 0.00
CE_NYC2_DRP 24202	39.32 2.35 0.00	28.07 1.99 0.00	23.43 1.62 0.00	24.71 1.56 0.00	26.98 1.69 0.00	31.77 1.95 0.00	37.89 2.35 0.00	43.42 3.22 0.00	43.89 3.43 0.00	48.10 4.00 0.00	53.24 4.42 -2.43	54.78 4.55 -4.53	58.91 4.37 -12.10	64.85 5.25 -10.06	90.17 5.67 -31.52	104.75 5.16 -49.99	127.62 5.24 -72.58	90.15 5.68 -30.04	86.27 7.92 -6.70	141.65 12.23 0.00	243.76 18.06 0.00	82.30 5.78 0.00	61.73 4.21 0.00	56.16 3.86 0.00
CE_NYC_DRP 24195	39.34 2.38 0.00	28.05 1.97 0.00	23.43 1.61 0.00	24.70 1.55 0.00	26.98 1.69 0.00	31.78 1.97 0.00	37.93 2.38 0.00	43.43 3.23 0.00	43.90 3.45 0.00	48.14 4.04 0.00	53.31 4.43 -2.49	54.90 4.54 -4.66	59.27 4.39 -12.44	65.25 5.39 -10.33	90.94 5.87 -32.10	106.26 5.35 -51.31	129.18 5.42 -73.96	90.90 5.88 -30.59	86.61 8.26 -6.71	142.40 12.98 0.00	245.10 19.40 0.00	82.63 6.10 0.00	61.90 4.38 0.00	56.25 3.95 0.00
CHAFFEE___LFGE 323603	34.47 -2.49 0.00	23.10 -2.04 0.94	12.54 -1.70 7.57	12.56 -1.87 8.72	12.12 -2.16 11.01	15.49 -2.61 11.72	19.92 -2.76 12.87	23.26 -2.86 14.07	21.00 -2.71 16.75	24.28 -2.26 17.56	35.86 -2.54 7.99	25.75 -1.93 18.02	23.41 -1.70 17.33	28.26 -2.09 19.18	31.37 -2.74 18.87	27.91 -2.55 19.14	27.62 -2.76 19.42	30.76 -3.24 20.43	43.86 -3.60 24.18	85.95 -5.16 38.31	155.99 -9.78 59.94	46.02 -3.73 26.77	32.25 -3.00 22.27	29.45 -2.38 20.47
CHATEAUG_35_KV_LOAD 355732	36.44 -0.52 0.00	25.62 -0.46 0.00	21.37 -0.44 0.00	22.64 -0.51 0.00	24.72 -0.58 0.00	29.21 -0.60 0.00	34.86 -0.68 0.00	38.82 -1.38 0.00	39.86 -0.60 0.00	43.25 -0.85 0.00	45.43 -0.96 0.00	44.56 -1.14 0.00	41.22 -0.99 0.23	47.44 -1.35 0.75	45.77 -1.42 5.78	45.59 -1.11 2.90	48.83 -0.97 0.00	53.22 -1.21 0.00	69.48 -1.21 -0.53	125.01 -4.40 0.00	219.80 -5.91 0.00	74.84 -1.69 0.00	56.31 -1.21 0.00	50.93 -1.37 0.00
CHATEAUG_WT_PWR 323614	36.45 -0.52 0.00	25.64 -0.44 0.00	21.38 -0.43 0.00	22.66 -0.49 0.00	24.72 -0.57 0.00	29.22 -0.60 0.00	34.88 -0.66 0.00	38.84 -1.36 0.00	39.86 -0.60 0.00	43.29 -0.81 0.00	45.51 -0.89 0.00	44.65 -1.04 0.00	41.34 -0.93 0.17	47.74 -1.25 0.55	47.40 -1.31 4.26	46.44 -1.02 2.13	48.92 -0.88 0.00	53.32 -1.11 0.00	69.82 -2.46 -0.63	125.39 -4.03 0.00	220.22 -5.48 0.00	74.91 -1.62 0.00	56.37 -1.15 0.00	51.01 -1.29 0.00
CHAT_HIGH_FALL_HYD 323578	36.44 -0.52 0.00	25.62 -0.46 0.00	21.37 -0.44 0.00	22.64 -0.51 0.00	24.72 -0.58 0.00	29.21 -0.60 0.00	34.86 -0.68 0.00	38.82 -1.38 0.00	39.86 -0.60 0.00	43.25 -0.85 0.00	45.43 -0.96 0.00	44.56 -1.14 0.00	41.22 -0.99 0.23	47.44 -1.35 0.75	45.77 -1.42 5.78	45.59 -1.11 2.90	48.83 -0.97 0.00	53.22 -1.21 0.00	69.48 -1.21 -0.53	125.01 -4.40 0.00	219.80 -5.91 0.00	74.84 -1.69 0.00	56.31 -1.21 0.00	50.93 -1.37 0.00
CHAUTAUQUA___LFGE 323629	34.38 -2.58 0.00	22.94 -2.13 1.01	11.87 -1.79 8.16	11.84 -1.92 9.39	11.21 -2.22 11.86	14.49 -2.71 12.61	19.30 -2.59 13.66	22.72 -2.59 14.89	20.63 -2.48 17.34	24.03 -1.91 18.17	35.96 -2.18 8.26	25.37 -1.69 18.64	23.08 -1.44 17.92	28.22 -1.46 19.86	31.27 -2.17 19.53	27.66 -2.13 19.81	27.30 -2.42 20.08	30.50 -2.84 21.09	43.73 -2.99 24.93	86.12 -3.71 39.60	156.29 -7.43 61.97	45.64 -3.20 27.69	31.54 -2.93 23.05	29.28 -1.83 21.19
CHERRYST_13_KV_LD 356241	39.45 2.49 0.00	28.12 2.05 0.00	23.49 1.67 0.00	24.77 1.61 0.00	27.05 1.76 0.00	31.87 2.06 0.00	38.05 2.50 0.00	43.58 3.39 0.00	44.08 3.62 0.00	48.35 4.25 0.00	53.54 4.65 -2.49	55.13 4.77 -4.66	59.49 4.62 -12.44	65.51 5.65 -10.33	91.22 6.15 -32.10	106.51 5.60 -51.31	129.44 5.67 -73.96	91.18 6.16 -30.59	86.94 8.58 -6.71	142.98 13.56 0.00	246.00 20.30 0.00	82.93 6.41 0.00	62.12 4.60 0.00	56.44 4.14 0.00

CHESTROR_138KV_BK263 355645	38.78 1.81 0.00	27.53 1.45 0.00	23.02 1.21 0.00	24.33 1.18 0.00	26.55 1.26 0.00	31.30 1.48 0.00	37.36 1.82 0.00	42.67 2.47 0.00	42.99 2.54 0.00	47.01 2.91 0.00	49.42 3.20 0.18	48.73 3.28 0.25	45.00 3.22 0.66	58.99 4.03 -5.43	161.04 4.40 -103.67	82.18 4.04 -28.54	274.03 4.15 -220.09	154.93 4.55 -95.95	139.68 6.64 -61.39	140.09 10.68 0.00	241.75 16.05 0.00	81.38 4.85 0.00	61.00 3.48 0.00	55.42 3.12 0.00
CH_MIDHUDSON___DRP 24192	38.96 1.99 0.00	27.70 1.61 0.00	23.17 1.35 0.00	24.48 1.33 0.00	26.73 1.44 0.00	31.53 1.71 0.00	37.61 2.06 0.00	42.92 2.73 0.00	43.27 2.81 0.00	47.27 3.17 0.00	49.87 3.48 0.00	49.25 3.55 0.00	45.92 3.48 0.00	54.13 4.28 -0.31	63.03 4.67 -5.39	55.50 4.30 -1.60	65.63 4.38 -11.45	64.25 4.83 -4.99	81.79 6.99 -3.16	140.74 11.32 0.00	243.07 17.36 0.00	81.75 5.22 0.00	61.35 3.83 0.00	55.71 3.41 0.00
CH_MISC_IPPS 23765	39.20 2.23 0.00	27.84 1.76 0.00	23.29 1.47 0.00	24.61 1.45 0.00	26.85 1.56 0.00	31.68 1.86 0.00	37.81 2.27 0.00	43.20 3.00 0.00	43.53 3.08 0.00	47.61 3.51 0.00	50.24 3.85 0.00	49.65 3.95 0.00	46.32 3.88 0.00	54.76 4.78 -0.44	65.90 5.23 -7.70	56.72 4.85 -2.28	71.14 4.98 -16.36	67.09 5.53 -7.13	84.10 7.94 -4.51	142.37 12.96 0.00	245.71 20.01 0.00	82.59 6.06 0.00	61.91 4.39 0.00	56.18 3.88 0.00
CH_RES_BVR_FALLS 23983	36.77 -0.19 0.00	25.93 -0.15 0.00	21.67 -0.14 0.00	22.98 -0.17 0.00	25.07 -0.22 0.00	29.54 -0.27 0.00	35.22 -0.32 0.00	39.74 -0.45 0.00	40.15 -0.31 0.00	43.76 -0.35 0.00	45.99 -0.41 0.00	45.24 -0.46 0.00	42.01 -0.43 0.00	48.96 -0.58 0.00	52.37 -0.60 0.00	49.14 -0.46 0.00	49.37 -0.43 0.00	53.92 -0.51 0.00	71.09 -0.84 -0.28	128.10 -1.32 0.00	223.89 -1.81 0.00	75.92 -0.61 0.00	56.93 -0.59 0.00	51.79 -0.51 0.00
CH_RES_NIAGARA 23895	33.75 -3.22 0.00	22.74 -2.45 0.89	12.57 -2.10 7.14	12.64 -2.29 8.22	12.26 -2.63 10.39	15.57 -3.16 11.09	20.14 -3.29 12.12	23.32 -3.69 13.20	22.77 -3.81 13.88	26.17 -3.44 14.49	36.19 -3.64 6.56	27.92 -2.98 14.79	25.56 -2.70 14.18	30.43 -3.30 15.81	33.11 -4.29 15.57	29.71 -4.03 15.86	29.07 -4.46 16.26	30.57 -5.23 18.63	38.58 -6.02 27.06	85.85 -10.03 33.54	153.26 -18.08 54.36	38.86 -6.28 31.39	34.54 -4.53 18.45	32.07 -3.27 16.96
CH_RES_SYRACUSE 23985	36.77 -0.20 0.00	25.95 -0.13 0.00	21.67 -0.14 0.00	22.97 -0.19 0.00	25.11 -0.18 0.00	29.62 -0.20 0.00	35.41 -0.14 0.00	39.99 -0.20 0.00	40.09 -0.36 0.00	43.76 -0.34 0.00	46.02 -0.37 0.00	45.39 -0.31 0.00	42.50 -0.30 -0.36	52.86 -0.26 -3.59	56.97 -0.30 -4.30	53.01 -0.25 -3.67	53.45 -0.09 -3.74	59.06 0.07 -4.55	79.96 0.64 -7.68	141.83 1.77 -10.64	242.89 2.39 -14.80	86.49 0.44 -9.53	62.53 0.04 -4.97	52.49 -0.01 -0.20
CLINTON_WT_PWR 323605	36.45 -0.52 0.00	25.64 -0.44 0.00	21.38 -0.43 0.00	22.66 -0.49 0.00	24.72 -0.57 0.00	29.22 -0.60 0.00	34.88 -0.66 0.00	38.84 -1.36 0.00	39.86 -0.60 0.00	43.29 -0.81 0.00	45.51 -0.89 0.00	44.65 -1.04 0.00	41.34 -0.93 0.17	47.74 -1.25 0.55	47.40 -1.31 4.26	46.44 -1.02 2.13	48.92 -0.88 0.00	53.32 -1.11 0.00	69.82 -2.46 -0.63	125.39 -4.03 0.00	220.22 -5.48 0.00	74.91 -1.62 0.00	56.37 -1.15 0.00	51.01 -1.29 0.00
CLINTON___LFGE 323618	36.85 -0.11 0.00	25.92 -0.16 0.00	21.60 -0.21 0.00	22.89 -0.27 0.00	24.99 -0.30 0.00	29.55 -0.26 0.00	35.29 -0.26 0.00	39.26 -0.94 0.00	40.18 -0.27 0.00	43.67 -0.43 0.00	45.86 -0.54 0.00	44.94 -0.76 0.00	41.55 -0.71 0.18	47.92 -1.01 0.60	47.20 -1.11 4.66	46.47 -0.79 2.33	49.20 -0.60 0.00	53.72 -0.71 0.00	70.41 -1.84 -0.60	126.82 -2.60 0.00	222.77 -2.93 0.00	75.67 -0.85 0.00	56.97 -0.55 0.00	51.47 -0.83 0.00
COBBLENY_34_KV_TB1 80064	34.47 -2.49 0.00	23.11 -2.03 0.94	12.51 -1.73 7.57	12.54 -1.89 8.72	12.09 -2.19 11.01	15.47 -2.64 11.72	19.85 -2.82 12.87	23.10 -3.02 14.07	20.89 -2.82 16.75	24.20 -2.34 17.56	35.84 -2.57 7.99	25.68 -2.00 18.02	23.34 -1.77 17.33	28.27 -2.08 19.18	31.38 -2.72 18.87	27.91 -2.54 19.14	27.58 -2.80 19.42	30.61 -3.39 20.43	43.85 -3.61 24.18	85.50 -5.61 38.31	155.17 -10.59 59.94	45.88 -3.87 26.77	32.12 -3.13 22.27	29.38 -2.45 20.47
COFFEEN___115KV_TB3 355620	36.70 -0.27 0.00	25.68 -0.40 0.00	21.39 -0.43 0.00	22.58 -0.57 0.00	24.59 -0.70 0.00	28.91 -0.91 0.00	34.99 -0.55 0.00	38.63 -1.57 0.00	38.17 -2.29 0.00	41.25 -2.85 0.00	42.80 -3.60 0.00	41.92 -3.78 0.00	38.11 -3.24 1.09	43.54 -3.81 2.18	18.77 -3.69 30.51	31.92 -3.25 14.43	49.27 -2.69 -2.16	55.01 -2.04 -2.62	74.70 -1.25 -4.29	137.08 1.54 -6.13	240.49 6.26 -8.52	83.83 1.81 -5.49	60.20 -0.19 -2.86	51.62 -0.79 -0.12
COLDSPRG_115KV_BK1 355956	34.93 -2.03 0.00	23.76 -1.75 0.57	15.73 -1.46 4.62	16.26 -1.58 5.32	16.76 -1.82 6.71	20.56 -2.18 7.08	26.47 -2.01 7.06	29.97 -1.88 8.35	23.91 -1.52 15.02	27.48 -0.88 15.75	38.08 -1.15 7.16	28.86 -0.68 16.16	26.45 -0.43 15.56	32.00 -0.30 17.24	35.25 -0.77 16.95	31.49 -0.93 17.17	31.29 -1.10 17.41	34.64 -1.44 18.35	48.90 -0.98 21.77	94.48 -0.56 34.38	169.74 -2.20 53.77	51.19 -1.31 24.02	35.93 -1.59 20.00	33.17 -0.75 18.38
COLONIE_LFGE___ 323577	38.19 1.23 0.00	27.14 1.05 0.00	22.72 0.91 0.00	24.08 0.93 0.00	26.31 1.02 0.00	31.03 1.21 0.00	36.91 1.36 0.00	41.82 1.62 0.00	41.93 1.48 0.00	45.48 1.38 0.00	47.93 1.53 0.00	47.19 1.49 0.00	43.87 1.43 0.00	51.19 1.65 0.00	54.83 1.87 0.00	51.15 1.56 0.00	51.15 1.35 0.00	55.98 1.55 0.00	74.49 2.85 0.00	134.83 5.41 0.00	235.06 9.36 0.00	78.99 2.47 0.00	59.73 2.21 0.00	54.14 1.84 0.00
COOPERNY_115KV_TB1 80082	38.53 1.57 0.00	27.33 1.25 0.00	22.87 1.05 0.00	24.18 1.03 0.00	26.39 1.09 0.00	31.12 1.30 0.00	37.13 1.59 0.00	42.33 2.13 0.00	42.64 2.18 0.00	46.61 2.51 0.00	49.09 2.74 0.05	48.41 2.81 0.10	44.93 2.75 0.26	52.22 3.45 0.76	46.44 3.72 10.25	49.06 3.38 3.92	31.38 3.49 21.90	48.72 3.79 9.51	71.50 5.60 5.75	138.34 8.92 0.00	238.94 13.24 0.00	80.48 3.96 0.00	60.43 2.91 0.00	54.92 2.62 0.00
COPENHAGEN_WT_PWR 323753	36.62 -0.35 0.00	25.59 -0.49 0.00	21.31 -0.50 0.00	22.47 -0.68 0.00	24.46 -0.83 0.00	28.71 -1.11 0.00	34.82 -0.72 0.00	38.29 -1.90 0.00	37.89 -2.57 0.00	41.01 -3.09 0.00	42.50 -3.90 0.00	41.72 -3.98 0.00	37.95 -3.49 1.01	43.63 -4.05 1.85	20.48 -3.93 28.55	32.70 -3.49 13.42	49.08 -2.97 -2.25	54.88 -2.28 -2.73	74.54 -1.59 -4.49	136.49 0.69 -6.38	239.12 4.53 -8.88	83.50 1.25 -5.72	59.90 -0.60 -2.98	51.13 -1.29 -0.12
CORNELL_____ 23752	37.40 0.44 0.00	26.64 0.23 -0.33	24.58 0.14 -2.62	26.27 0.11 -3.00	29.21 0.13 -3.79	34.04 0.19 -4.03	40.34 0.41 -4.39	45.22 0.40 -4.62	45.74 0.07 -5.22	49.55 -0.01 -5.46	48.71 -0.18 -2.49	51.16 -0.10 -5.56	47.66 0.02 -5.20	57.30 0.26 -7.51	61.03 0.14 -7.92	57.83 0.27 -7.96	58.23 0.35 -8.07	64.31 0.70 -9.18	86.09 2.01 -12.44	152.37 4.93 -18.02	260.79 8.04 -27.05	92.35 2.14 -13.69	68.52 1.20 -9.80	59.89 0.96 -6.63

CORONA V_69_KV_TB1 355595	39.56 2.60 0.00	28.16 2.08 0.00	23.50 1.68 0.00	24.81 1.66 0.00	27.10 1.81 0.00	31.96 2.14 0.00	38.12 2.57 0.00	43.52 3.33 0.00	43.93 3.47 0.00	48.21 4.11 0.00	53.33 4.71 -2.22	54.30 4.54 -4.06	57.51 4.25 -10.82	64.46 5.21 -9.71	87.95 5.60 -29.38	101.47 5.26 -46.62	133.04 5.44 -77.81	95.34 6.10 -34.81	86.95 8.58 -6.72	143.05 13.63 0.00	245.99 20.28 0.00	82.82 6.29 0.00	62.01 4.49 0.00	56.48 4.18 0.00
CORTLAND_115KV_TB3 80093	37.19 0.22 0.00	26.20 0.12 0.00	21.89 0.07 0.00	23.20 0.05 0.00	25.34 0.05 0.00	29.90 0.08 0.00	35.79 0.24 0.00	40.48 0.28 0.00	40.49 0.04 0.00	44.14 0.04 0.00	46.33 -0.06 0.00	45.73 0.02 0.00	42.74 0.10 -0.21	51.88 0.31 -2.03	55.69 0.29 -2.44	51.99 0.32 -2.08	52.28 0.36 -2.12	57.58 0.57 -2.58	77.63 1.63 -4.35	139.23 3.79 -6.02	239.92 5.84 -8.38	83.43 1.51 -5.39	61.14 0.80 -2.81	53.03 0.62 -0.11
COXSACKIE___GT 23611	38.99 2.02 0.00	27.63 1.55 0.00	23.14 1.32 0.00	24.51 1.35 0.00	26.77 1.48 0.00	31.63 1.81 0.00	37.68 2.14 0.00	42.67 2.48 0.00	42.44 1.99 0.00	45.84 1.74 0.00	48.28 1.88 0.00	47.56 1.86 0.00	44.31 1.87 0.00	51.73 2.19 0.00	55.47 2.50 0.00	51.94 2.34 0.00	52.28 2.48 0.00	57.50 3.08 0.00	77.12 5.47 0.00	140.42 11.01 0.00	245.18 19.48 0.00	82.43 5.90 0.00	61.79 4.27 0.00	55.82 3.52 0.00
CPV_VALLEY___CC1 323721	38.51 1.54 0.00	27.34 1.26 0.00	22.88 1.06 0.00	24.18 1.03 0.00	26.37 1.08 0.00	31.10 1.28 0.00	37.11 1.56 0.00	42.34 2.14 0.00	42.66 2.20 0.00	46.65 2.55 0.00	49.15 2.82 0.06	48.47 2.90 0.13	44.95 2.85 0.34	52.30 3.57 0.81	46.80 3.89 10.07	48.99 3.55 4.15	31.87 3.63 21.56	49.04 3.96 9.35	71.91 5.83 5.56	138.62 9.20 0.00	239.33 13.63 0.00	80.56 4.04 0.00	60.44 2.92 0.00	54.92 2.62 0.00
CPV_VALLEY___CC2 323722	38.51 1.54 0.00	27.34 1.26 0.00	22.88 1.06 0.00	24.18 1.03 0.00	26.37 1.08 0.00	31.10 1.28 0.00	37.11 1.56 0.00	42.34 2.14 0.00	42.66 2.20 0.00	46.65 2.55 0.00	49.15 2.82 0.06	48.47 2.90 0.13	44.95 2.85 0.34	52.30 3.57 0.81	46.80 3.89 10.07	48.99 3.55 4.15	31.87 3.63 21.56	49.04 3.96 9.35	71.91 5.83 5.56	138.62 9.20 0.00	239.33 13.63 0.00	80.56 4.04 0.00	60.44 2.92 0.00	54.92 2.62 0.00
CRESCENT___HYD 24018	38.19 1.23 0.00	27.14 1.05 0.00	22.72 0.91 0.00	24.08 0.93 0.00	26.31 1.02 0.00	31.03 1.21 0.00	36.91 1.36 0.00	41.82 1.62 0.00	41.93 1.48 0.00	45.48 1.38 0.00	47.93 1.53 0.00	47.19 1.49 0.00	43.87 1.43 0.00	51.19 1.65 0.00	54.83 1.87 0.00	51.15 1.56 0.00	51.15 1.35 0.00	55.98 1.55 0.00	74.49 2.85 0.00	134.83 5.41 0.00	235.06 9.36 0.00	78.99 2.47 0.00	59.73 2.21 0.00	54.14 1.84 0.00
CRICKET___VALLEY_CC1 323756	38.53 1.56 0.00	27.45 1.37 0.00	22.99 1.18 0.00	24.28 1.13 0.00	26.51 1.22 0.00	31.27 1.46 0.00	37.29 1.75 0.00	42.56 2.36 0.00	42.91 2.45 0.00	46.80 2.70 0.00	49.36 2.96 0.00	48.71 3.01 0.00	45.38 2.94 0.00	53.43 3.65 -0.24	61.17 4.01 -4.18	54.51 3.67 -1.24	62.38 3.69 -8.90	62.37 4.07 -3.88	80.11 6.01 -2.45	139.09 9.67 0.00	240.45 14.75 0.00	80.75 4.22 0.00	60.71 3.19 0.00	55.13 2.83 0.00
CRICKET___VALLEY_CC2 323757	38.53 1.56 0.00	27.45 1.37 0.00	22.99 1.18 0.00	24.28 1.13 0.00	26.51 1.22 0.00	31.27 1.46 0.00	37.29 1.75 0.00	42.56 2.36 0.00	42.91 2.45 0.00	46.80 2.70 0.00	49.36 2.96 0.00	48.71 3.01 0.00	45.38 2.94 0.00	53.43 3.65 -0.24	61.17 4.01 -4.18	54.51 3.67 -1.24	62.38 3.69 -8.90	62.37 4.07 -3.88	80.11 6.01 -2.45	139.09 9.67 0.00	240.45 14.75 0.00	80.75 4.22 0.00	60.71 3.19 0.00	55.13 2.83 0.00
CRICKET___VALLEY_CC3 323758	38.53 1.56 0.00	27.45 1.37 0.00	22.99 1.18 0.00	24.28 1.13 0.00	26.51 1.22 0.00	31.27 1.46 0.00	37.29 1.75 0.00	42.56 2.36 0.00	42.91 2.45 0.00	46.80 2.70 0.00	49.36 2.96 0.00	48.71 3.01 0.00	45.38 2.94 0.00	53.43 3.65 -0.24	61.17 4.01 -4.18	54.51 3.67 -1.24	62.38 3.69 -8.90	62.37 4.07 -3.88	80.11 6.01 -2.45	139.09 9.67 0.00	240.45 14.75 0.00	80.75 4.22 0.00	60.71 3.19 0.00	55.13 2.83 0.00
CRUCIBLE_METL_DRP 24180	36.77 -0.20 0.00	25.94 -0.13 0.00	21.67 -0.15 0.00	22.97 -0.18 0.00	25.10 -0.19 0.00	29.62 -0.20 0.00	35.41 -0.14 0.00	39.99 -0.20 0.00	40.09 -0.36 0.00	43.75 -0.35 0.00	46.02 -0.38 0.00	45.39 -0.31 0.00	42.50 -0.31 -0.36	52.86 -0.26 -3.59	56.98 -0.30 -4.30	53.01 -0.26 -3.67	53.44 -0.10 -3.74	59.06 0.07 -4.55	79.97 0.64 -7.68	141.77 1.72 -10.64	242.83 2.33 -14.80	86.49 0.43 -9.53	62.53 0.04 -4.97	52.49 -0.01 -0.20
DAHOWA___HYDRO 323763	38.86 1.89 0.00	27.62 1.54 0.00	23.11 1.29 0.00	24.48 1.33 0.00	26.76 1.47 0.00	31.60 1.78 0.00	37.65 2.11 0.00	42.59 2.39 0.00	42.58 2.12 0.00	45.94 1.84 0.00	48.29 1.90 0.00	47.53 1.83 0.00	44.09 1.65 0.00	51.39 1.85 0.00	54.95 1.98 0.00	51.28 1.69 0.00	51.35 1.55 0.00	56.41 1.98 0.00	75.53 3.88 0.00	137.41 7.99 0.00	239.87 14.16 0.00	80.69 4.17 0.00	60.97 3.45 0.00	55.19 2.90 0.00
DANC___LFGE 323619	36.42 -0.54 0.00	25.57 -0.51 0.00	21.32 -0.49 0.00	22.54 -0.62 0.00	24.56 -0.72 0.00	28.88 -0.94 0.00	34.77 -0.77 0.00	38.65 -1.55 0.00	38.45 -2.01 0.00	41.76 -2.34 0.00	43.55 -2.85 0.00	42.83 -2.87 0.00	39.33 -2.56 0.56	46.50 -2.97 0.07	32.20 -2.95 17.82	39.13 -2.64 7.83	50.27 -2.27 -2.74	55.92 -1.85 -3.34	75.83 -1.37 -5.55	137.10 -0.12 -7.80	238.21 1.65 -10.86	83.82 0.31 -6.99	60.37 -0.80 -3.65	51.31 -1.14 -0.15
DANSKAMMER___1 23586	39.20 2.23 0.00	27.84 1.76 0.00	23.29 1.47 0.00	24.61 1.45 0.00	26.85 1.56 0.00	31.68 1.86 0.00	37.81 2.27 0.00	43.20 3.00 0.00	43.53 3.08 0.00	47.61 3.51 0.00	50.24 3.85 0.00	49.65 3.95 0.00	46.32 3.88 0.00	54.76 4.78 -0.44	65.90 5.23 -7.70	56.72 4.85 -2.28	71.14 4.98 -16.36	67.09 5.53 -7.13	84.10 7.94 -4.51	142.37 12.96 0.00	245.71 20.01 0.00	82.59 6.06 0.00	61.91 4.39 0.00	56.18 3.88 0.00
DANSKAMMER___2 23589	39.20 2.23 0.00	27.84 1.76 0.00	23.29 1.47 0.00	24.61 1.45 0.00	26.85 1.56 0.00	31.68 1.86 0.00	37.81 2.27 0.00	43.20 3.00 0.00	43.53 3.08 0.00	47.61 3.51 0.00	50.24 3.85 0.00	49.65 3.95 0.00	46.32 3.88 0.00	54.76 4.78 -0.44	65.90 5.23 -7.70	56.72 4.85 -2.28	71.14 4.98 -16.36	67.09 5.53 -7.13	84.10 7.94 -4.51	142.37 12.96 0.00	245.71 20.01 0.00	82.59 6.06 0.00	61.91 4.39 0.00	56.18 3.88 0.00
DANSKAMMER___3 23590	39.20 2.23 0.00	27.84 1.76 0.00	23.29 1.47 0.00	24.61 1.45 0.00	26.85 1.56 0.00	31.68 1.86 0.00	37.81 2.27 0.00	43.20 3.00 0.00	43.53 3.08 0.00	47.61 3.51 0.00	50.24 3.85 0.00	49.65 3.95 0.00	46.32 3.88 0.00	54.76 4.78 -0.44	65.90 5.23 -7.70	56.72 4.85 -2.28	71.14 4.98 -16.36	67.09 5.53 -7.13	84.10 7.94 -4.51	142.37 12.96 0.00	245.71 20.01 0.00	82.59 6.06 0.00	61.91 4.39 0.00	56.18 3.88 0.00

DANSKAMMER___4 23591	39.20 2.23 0.00	27.84 1.76 0.00	23.29 1.47 0.00	24.61 1.45 0.00	26.85 1.56 0.00	31.68 1.86 0.00	37.81 2.27 0.00	43.20 3.00 0.00	43.53 3.08 0.00	47.61 3.51 0.00	50.24 3.85 0.00	49.65 3.95 0.00	46.32 3.88 0.00	54.76 4.78 -0.44	65.90 5.23 -7.70	56.72 4.85 -2.28	71.14 4.98 -16.36	67.09 5.53 -7.13	84.10 7.94 -4.51	142.37 12.96 0.00	245.71 20.01 0.00	82.59 6.06 0.00	61.91 4.39 0.00	56.18 3.88 0.00
DANSKAMMER___DIESEL 23592	39.20 2.23 0.00	27.84 1.76 0.00	23.29 1.48 0.00	24.61 1.46 0.00	26.85 1.57 0.00	31.68 1.86 0.00	37.81 2.27 0.00	43.20 3.00 0.00	43.55 3.09 0.00	47.61 3.51 0.00	50.24 3.85 0.00	49.66 3.96 0.00	46.32 3.88 0.00	54.76 4.78 -0.44	65.90 5.23 -7.70	56.72 4.84 -2.28	71.17 5.00 -16.36	67.09 5.53 -7.13	84.11 7.95 -4.51	142.37 12.95 0.00	245.72 20.02 0.00	82.60 6.08 0.00	61.92 4.40 0.00	56.18 3.88 0.00
DARBY___SOLAR 323810	38.74 1.78 0.00	27.53 1.45 0.00	23.03 1.22 0.00	24.41 1.25 0.00	26.68 1.39 0.00	31.49 1.67 0.00	37.50 1.96 0.00	42.43 2.24 0.00	42.46 2.00 0.00	45.85 1.75 0.00	48.22 1.82 0.00	47.47 1.77 0.00	44.05 1.61 0.00	51.37 1.83 0.00	54.95 1.98 0.00	51.30 1.70 0.00	51.34 1.54 0.00	56.33 1.90 0.00	75.29 3.64 0.00	136.79 7.37 0.00	238.63 12.93 0.00	80.30 3.77 0.00	60.66 3.14 0.00	54.96 2.66 0.00
DASHVILLE___HYD 23610	38.72 1.76 0.00	27.51 1.43 0.00	23.01 1.19 0.00	24.32 1.16 0.00	26.55 1.26 0.00	31.32 1.50 0.00	37.34 1.80 0.00	42.63 2.43 0.00	42.98 2.53 0.00	46.95 2.85 0.00	49.57 3.17 0.00	48.93 3.23 0.00	45.59 3.15 0.00	53.65 3.91 -0.20	60.82 4.25 -3.60	54.54 3.88 -1.07	61.43 3.98 -7.65	62.16 4.39 -3.33	80.10 6.34 -2.11	139.56 10.14 0.00	241.00 15.30 0.00	81.10 4.58 0.00	60.93 3.41 0.00	55.37 3.07 0.00
DELAWARE___LFGE 323621	37.86 0.89 0.00	26.74 0.66 0.00	22.35 0.54 0.00	23.70 0.55 0.00	25.93 0.64 0.00	30.57 0.75 0.00	36.43 0.89 0.00	41.37 1.17 0.00	41.59 1.13 0.00	45.44 1.34 0.00	47.78 1.39 0.00	47.14 1.44 0.00	43.94 1.43 -0.07	52.00 1.80 -0.67	55.69 1.92 -0.80	52.01 1.73 -0.68	52.26 1.76 -0.69	57.19 1.91 -0.85	76.15 3.08 -1.42	136.61 5.22 -1.97	236.02 7.57 -2.75	80.52 2.22 -1.77	60.13 1.68 -0.92	53.81 1.47 -0.04
DERFIELD_115KV_TB7 355931	37.15 0.18 0.00	26.26 0.17 0.00	21.96 0.15 0.00	23.29 0.13 0.00	25.44 0.15 0.00	29.99 0.17 0.00	35.72 0.17 0.00	40.44 0.24 0.00	40.64 0.18 0.00	44.28 0.18 0.00	46.58 0.18 0.00	45.88 0.18 0.00	42.77 0.19 -0.14	50.23 0.24 -0.45	56.71 0.27 -3.47	51.58 0.24 -1.74	50.00 0.20 0.00	54.67 0.24 0.00	72.22 0.57 0.00	130.56 1.14 0.00	227.30 1.60 0.00	76.91 0.38 0.00	57.84 0.31 0.00	52.58 0.28 0.00
DOGLEVILLE___HYD 23807	39.02 2.05 0.00	27.80 1.72 0.00	23.17 1.35 0.00	24.33 1.18 0.00	26.62 1.33 0.00	31.27 1.46 0.00	37.21 1.67 0.00	42.20 2.00 0.00	42.06 1.60 0.00	45.13 1.03 0.00	47.17 0.78 0.00	46.47 0.77 0.00	43.51 0.93 -0.14	51.13 1.14 -0.45	57.91 1.46 -3.47	52.60 1.27 -1.74	50.93 1.13 0.00	56.26 1.83 0.00	76.53 4.88 0.00	140.55 11.13 0.00	244.94 19.24 0.00	81.36 4.84 0.00	61.35 3.83 0.00	55.33 3.03 0.00
DUNKIRK__115KV_TB_200 55889	34.44 -2.53 0.00	22.96 -2.09 1.03	11.75 -1.77 8.29	11.72 -1.89 9.54	11.03 -2.20 12.06	14.32 -2.68 12.82	19.07 -2.56 13.91	22.44 -2.62 15.14	20.52 -2.51 17.42	23.89 -1.95 18.26	35.89 -2.20 8.30	25.28 -1.69 18.73	23.00 -1.43 18.01	28.14 -1.44 19.96	31.23 -2.11 19.63	27.61 -2.07 19.91	27.23 -2.39 20.18	30.35 -2.89 21.19	43.72 -2.88 25.05	85.68 -3.94 39.79	155.53 -7.89 62.28	45.47 -3.23 27.82	31.40 -2.95 23.17	29.11 -1.89 21.30
DUNKIRK___1 23563	34.44 -2.53 0.00	22.96 -2.09 1.03	11.75 -1.77 8.29	11.72 -1.89 9.54	11.03 -2.20 12.06	14.32 -2.68 12.82	19.07 -2.56 13.91	22.44 -2.62 15.14	20.52 -2.51 17.42	23.89 -1.95 18.26	35.89 -2.20 8.30	25.28 -1.69 18.73	23.00 -1.43 18.01	28.14 -1.44 19.96	31.23 -2.11 19.63	27.61 -2.07 19.91	27.23 -2.39 20.18	30.35 -2.89 21.19	43.72 -2.88 25.05	85.68 -3.94 39.79	155.53 -7.89 62.28	45.47 -3.23 27.82	31.40 -2.95 23.17	29.11 -1.89 21.30
DUNKIRK___2 23564	34.44 -2.53 0.00	22.96 -2.09 1.03	11.75 -1.77 8.29	11.72 -1.89 9.54	11.03 -2.20 12.06	14.32 -2.68 12.82	19.07 -2.56 13.91	22.44 -2.62 15.14	20.52 -2.51 17.42	23.89 -1.95 18.26	35.89 -2.20 8.30	25.28 -1.69 18.73	23.00 -1.43 18.01	28.14 -1.44 19.96	31.23 -2.11 19.63	27.61 -2.07 19.91	27.23 -2.39 20.18	30.35 -2.89 21.19	43.72 -2.88 25.05	85.68 -3.94 39.79	155.53 -7.89 62.28	45.47 -3.23 27.82	31.40 -2.95 23.17	29.11 -1.89 21.30
DUNKIRK___3 23565	34.46 -2.50 0.00	22.91 -2.06 1.10	11.19 -1.73 8.89	11.06 -1.86 10.23	10.21 -2.16 12.92	13.45 -2.62 13.75	18.01 -2.54 14.99	21.34 -2.65 16.21	20.08 -2.56 17.81	23.41 -2.04 18.66	35.61 -2.30 8.48	24.84 -1.73 19.14	22.58 -1.47 18.39	27.60 -1.55 20.39	30.72 -2.20 20.05	27.11 -2.14 20.35	26.76 -2.42 20.61	29.86 -2.93 21.63	43.16 -2.94 25.55	84.45 -4.33 40.64	153.48 -8.60 63.62	44.69 -3.41 28.42	30.84 -3.00 23.68	28.53 -2.01 21.76
DUNKIRK___4 23566	34.46 -2.50 0.00	22.91 -2.06 1.10	11.19 -1.73 8.89	11.06 -1.86 10.23	10.21 -2.16 12.92	13.45 -2.62 13.75	18.01 -2.54 14.99	21.34 -2.65 16.21	20.08 -2.56 17.81	23.41 -2.04 18.66	35.61 -2.30 8.48	24.84 -1.73 19.14	22.58 -1.47 18.39	27.60 -1.55 20.39	30.72 -2.20 20.05	27.11 -2.14 20.35	26.76 -2.42 20.61	29.86 -2.93 21.63	43.16 -2.94 25.55	84.45 -4.33 40.64	153.48 -8.60 63.62	44.69 -3.41 28.42	30.84 -3.00 23.68	28.53 -2.01 21.76
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	39.22 2.25 0.00	27.91 1.83 0.00	23.33 1.51 0.00	24.62 1.47 0.00	26.88 1.59 0.00	31.69 1.87 0.00	37.82 2.28 0.00	43.26 3.06 0.00	43.69 3.23 0.00	47.86 3.76 0.00	52.73 4.13 -2.21	53.84 4.21 -3.93	56.99 4.07 -10.48	63.33 4.99 -8.81	87.24 5.41 -28.86	98.33 4.95 -43.79	121.01 5.04 -66.17	87.37 5.48 -27.45	86.16 7.80 -6.71	141.81 12.39 0.00	244.34 18.64 0.00	82.27 5.75 0.00	61.66 4.14 0.00	56.06 3.76 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	38.99 2.02 0.00	27.68 1.60 0.00	23.15 1.34 0.00	24.46 1.31 0.00	26.70 1.40 0.00	31.48 1.66 0.00	37.58 2.04 0.00	43.00 2.80 0.00	43.32 2.87 0.00	47.36 3.26 0.00	49.98 3.58 0.00	49.37 3.67 0.00	46.04 3.60 0.00	54.77 4.50 -0.74	70.86 4.91 -12.98	57.98 4.54 -3.85	82.08 4.69 -27.59	71.65 5.20 -12.02	86.80 7.55 -7.61	141.69 12.28 0.00	244.45 18.75 0.00	82.23 5.70 0.00	61.61 4.09 0.00	55.94 3.64 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	39.31 2.35 0.00	28.07 1.99 0.00	23.41 1.60 0.00	24.69 1.54 0.00	26.96 1.67 0.00	31.78 1.96 0.00	37.84 2.30 0.00	43.38 3.18 0.00	43.83 3.37 0.00	47.98 3.88 0.00	53.09 4.26 -2.43	54.63 4.39 -4.53	58.79 4.26 -12.10	64.78 5.18 -10.06	90.12 5.62 -31.52	104.74 5.15 -49.99	127.73 5.35 -72.58	90.25 5.78 -30.04	86.35 7.99 -6.70	141.96 12.54 0.00	244.51 18.80 0.00	82.51 5.98 0.00	61.80 4.28 0.00	56.16 3.86 0.00

E179THST_13_KV_LOAD 356214	39.49 2.53 0.00	28.19 2.11 0.00	23.51 1.69 0.00	24.80 1.64 0.00	27.07 1.78 0.00	31.91 2.09 0.00	38.02 2.47 0.00	43.58 3.39 0.00	44.05 3.59 0.00	48.23 4.13 0.00	53.35 4.53 -2.43	54.90 4.67 -4.53	59.05 4.51 -12.10	65.08 5.49 -10.06	90.45 5.95 -31.52	105.07 5.48 -49.99	128.07 5.68 -72.58	90.61 6.14 -30.04	86.83 8.47 -6.70	142.79 13.37 0.00	245.94 20.24 0.00	82.98 6.45 0.00	62.14 4.62 0.00	56.48 4.18 0.00
EAST HAMPTON___GT 23717	38.62 1.65 0.00	28.01 1.93 0.00	23.18 1.36 0.00	25.14 1.98 0.00	27.55 2.26 0.00	32.63 2.81 0.00	39.03 3.49 0.00	43.81 3.61 0.00	43.92 3.46 0.00	48.54 4.44 0.00	54.00 5.39 -2.22	54.66 4.90 -4.06	57.63 4.37 -10.82	64.07 5.55 -8.98	87.91 5.56 -29.38	99.01 4.55 -44.87	119.82 3.97 -66.05	85.85 4.43 -26.99	85.26 6.93 -6.68	139.47 10.05 0.00	236.28 10.58 0.00	80.23 3.70 0.00	59.95 2.43 0.00	54.59 2.29 0.00
EAST RIVER___6 23660	39.33 2.37 0.00	28.05 1.97 0.00	23.43 1.61 0.00	24.71 1.55 0.00	26.98 1.69 0.00	31.81 1.99 0.00	37.97 2.43 0.00	43.43 3.24 0.00	43.93 3.48 0.00	48.20 4.10 0.00	53.38 4.50 -2.49	54.96 4.60 -4.66	59.35 4.48 -12.44	65.35 5.48 -10.33	91.05 5.98 -32.10	106.37 5.46 -51.31	129.27 5.51 -73.96	91.00 5.98 -30.59	86.72 8.36 -6.71	142.53 13.11 0.00	245.31 19.61 0.00	82.69 6.17 0.00	61.94 4.42 0.00	56.26 3.95 0.00
EAST RIVER___7 23524	39.33 2.37 0.00	28.05 1.97 0.00	23.43 1.61 0.00	24.71 1.55 0.00	26.98 1.69 0.00	31.81 1.99 0.00	37.97 2.43 0.00	43.43 3.24 0.00	43.93 3.48 0.00	48.20 4.10 0.00	53.38 4.50 -2.49	54.96 4.60 -4.66	59.35 4.48 -12.44	65.35 5.48 -10.33	91.05 5.98 -32.10	106.37 5.46 -51.31	129.27 5.51 -73.96	91.00 5.98 -30.59	86.72 8.36 -6.71	142.53 13.11 0.00	245.31 19.61 0.00	82.69 6.17 0.00	61.94 4.42 0.00	56.26 3.95 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.13 2.16 0.00	27.84 1.76 0.00	23.27 1.45 0.00	24.57 1.41 0.00	26.81 1.52 0.00	31.62 1.80 0.00	37.73 2.19 0.00	43.16 2.96 0.00	43.56 3.10 0.00	47.70 3.60 0.00	49.77 3.96 0.58	48.78 4.04 0.97	43.76 3.91 2.58	53.01 4.81 1.33	65.79 5.21 -7.60	47.95 4.77 6.42	69.65 4.86 -14.98	66.59 5.30 -6.86	86.17 7.55 -6.97	141.42 12.00 0.00	243.75 18.05 0.00	82.08 5.55 0.00	61.53 4.01 0.00	55.92 3.62 0.00
EAST_HAMPTON___DIESEL 23722	38.56 1.59 0.00	27.98 1.90 0.00	23.14 1.33 0.00	25.13 1.98 0.00	27.55 2.26 0.00	32.62 2.81 0.00	39.03 3.48 0.00	43.79 3.60 0.00	43.90 3.44 0.00	48.52 4.42 0.00	53.99 5.38 -2.22	54.66 4.90 -4.06	57.63 4.38 -10.82	64.07 5.55 -8.98	87.91 5.56 -29.38	98.97 4.51 -44.87	119.74 3.88 -66.05	85.75 4.33 -26.99	85.12 6.79 -6.68	139.22 9.80 0.00	235.84 10.14 0.00	80.08 3.55 0.00	59.84 2.32 0.00	54.49 2.19 0.00
EAST_POINT___SOLAR 323840	38.72 1.76 0.00	27.28 1.20 0.00	22.72 0.91 0.00	24.02 0.86 0.00	26.27 0.98 0.00	31.02 1.20 0.00	36.83 1.29 0.00	40.68 0.49 0.00	40.52 0.07 0.00	44.07 -0.03 0.00	46.09 -0.31 0.00	45.34 -0.36 0.00	42.14 -0.30 0.00	49.19 -0.35 0.00	52.60 -0.37 0.00	49.34 -0.25 0.00	49.66 -0.14 0.00	54.74 0.31 0.00	73.24 1.59 0.00	136.79 7.37 0.00	240.98 15.27 0.00	81.42 4.90 0.00	61.07 3.55 0.00	55.26 2.96 0.00
EAST_PULASKI___ESR 323781	36.30 -0.66 0.00	25.60 -0.48 0.00	21.38 -0.43 0.00	22.63 -0.52 0.00	24.72 -0.57 0.00	29.12 -0.70 0.00	34.91 -0.63 0.00	39.54 -0.66 0.00	39.72 -0.74 0.00	43.10 -1.00 0.00	45.33 -1.07 0.00	44.70 -1.00 0.00	42.29 -1.04 -0.88	57.59 -1.06 -9.11	61.07 -1.28 -9.38	57.09 -1.16 -8.65	58.52 -1.02 -9.74	65.43 -0.87 -11.87	90.94 -0.70 -20.00	156.68 -0.44 -27.70	263.21 -1.04 -38.54	100.72 -0.62 -24.82	69.67 -0.80 -12.95	52.08 -0.74 -0.52
EAST_RIVER___1 323558	39.34 2.38 0.00	28.05 1.97 0.00	23.42 1.61 0.00	24.69 1.54 0.00	26.97 1.68 0.00	31.78 1.96 0.00	37.92 2.38 0.00	43.42 3.22 0.00	43.89 3.44 0.00	48.13 4.03 0.00	53.30 4.42 -2.49	54.89 4.53 -4.66	59.27 4.39 -12.44	65.25 5.38 -10.33	90.94 5.87 -32.10	106.27 5.36 -51.31	129.17 5.41 -73.96	90.91 5.89 -30.59	86.61 8.25 -6.71	142.37 12.96 0.00	245.16 19.46 0.00	82.61 6.09 0.00	61.89 4.37 0.00	56.24 3.94 0.00
EAST_RIVER___2 323559	39.33 2.37 0.00	28.05 1.97 0.00	23.43 1.61 0.00	24.71 1.55 0.00	26.98 1.69 0.00	31.81 1.99 0.00	37.97 2.43 0.00	43.43 3.24 0.00	43.93 3.48 0.00	48.20 4.10 0.00	53.38 4.50 -2.49	54.96 4.60 -4.66	59.35 4.48 -12.44	65.35 5.48 -10.33	91.05 5.98 -32.10	106.37 5.46 -51.31	129.27 5.51 -73.96	91.00 5.98 -30.59	86.72 8.36 -6.71	142.53 13.11 0.00	245.31 19.61 0.00	82.69 6.17 0.00	61.94 4.42 0.00	56.26 3.95 0.00
EAST___DELAWARE_HYD 23607	38.95 1.98 0.00	27.61 1.53 0.00	23.08 1.27 0.00	24.39 1.24 0.00	26.62 1.33 0.00	31.41 1.60 0.00	37.53 1.98 0.00	42.86 2.66 0.00	43.13 2.68 0.00	47.09 2.99 0.00	49.65 3.26 0.00	49.00 3.30 0.00	45.73 3.29 0.00	53.73 4.19 0.00	56.22 3.25 0.00	52.49 2.90 0.00	52.98 3.18 0.00	58.14 3.71 0.00	77.29 5.65 0.00	138.45 9.03 0.00	238.92 13.22 0.00	80.54 4.01 0.00	61.62 4.10 0.00	55.88 3.58 0.00
EIGHT_POINT___WT_PWR 323820	35.27 -1.70 0.00	27.57 -1.74 -3.23	46.13 -1.66 -25.97	51.18 -1.84 -29.87	61.01 -2.02 -37.74	67.70 -2.30 -40.18	77.05 -2.10 -43.60	84.95 -2.03 -46.78	96.54 -2.43 -58.52	102.82 -2.54 -61.26	71.17 -3.05 -27.82	105.77 -2.69 -62.75	101.16 -1.98 -60.70	115.50 -2.29 -68.24	117.23 -3.03 -67.29	114.49 -2.93 -67.83	115.35 -3.19 -68.74	126.64 -3.48 -75.69	160.94 -3.88 -93.18	263.36 -4.74 -138.68	431.72 -7.30 -213.31	169.25 -3.39 -96.12	133.96 -2.95 -79.38	120.93 -3.16 -71.79
ELBRIDGE_115KV_TB2 80188	36.59 -0.37 0.00	25.81 -0.27 0.00	21.57 -0.25 0.00	22.84 -0.31 0.00	24.98 -0.31 0.00	29.47 -0.35 0.00	35.25 -0.30 0.00	39.79 -0.41 0.00	39.87 -0.59 0.00	43.51 -0.59 0.00	45.75 -0.65 0.00	45.14 -0.56 0.00	42.27 -0.56 -0.39	52.80 -0.54 -3.80	56.91 -0.61 -4.55	52.91 -0.57 -3.88	53.34 -0.41 -3.96	58.96 -0.29 -4.82	79.86 0.09 -8.12	141.42 0.75 -11.25	242.06 0.69 -15.66	86.54 -0.07 -10.08	62.47 -0.31 -5.26	52.22 -0.29 -0.21
ELEC_TRO_TEK 24086	39.34 2.38 0.00	28.01 1.93 0.00	23.38 1.57 0.00	24.69 1.54 0.00	26.97 1.68 0.00	31.81 1.99 0.00	37.93 2.38 0.00	43.29 3.09 0.00	43.69 3.24 0.00	47.94 3.84 0.00	53.05 4.44 -2.22	53.98 4.22 -4.06	57.21 3.95 -10.82	63.62 4.83 -9.24	87.51 5.16 -29.38	99.96 4.87 -45.50	125.34 5.09 -70.45	90.98 5.78 -30.77	86.50 8.15 -6.70	142.21 12.79 0.00	244.43 18.73 0.00	82.33 5.80 0.00	61.65 4.13 0.00	56.18 3.88 0.00
ELLENBURG_WT_PWR 323604	36.45 -0.52 0.00	25.64 -0.44 0.00	21.38 -0.43 0.00	22.66 -0.49 0.00	24.72 -0.57 0.00	29.22 -0.60 0.00	34.88 -0.66 0.00	38.84 -1.36 0.00	39.86 -0.60 0.00	43.29 -0.81 0.00	45.51 -0.89 0.00	44.65 -1.04 0.00	41.34 -0.93 0.17	47.74 -1.25 0.55	47.40 -1.31 4.26	46.44 -1.02 2.13	48.92 -0.88 0.00	53.32 -1.11 0.00	69.82 -2.46 -0.63	125.39 -4.03 0.00	220.22 -5.48 0.00	74.91 -1.62 0.00	56.37 -1.15 0.00	51.01 -1.29 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	34.24 -2.73 0.00	22.73 -2.17 1.18	10.45 -1.85 9.52	10.19 -2.01 10.95	9.12 -2.33 13.84	12.29 -2.79 14.74	16.57 -2.83 16.15	19.72 -3.09 17.39	19.13 -3.09 18.23	22.37 -2.64 19.09	35.04 -2.87 8.49	24.37 -2.24 19.08	22.13 -1.98 18.32	26.80 -2.40 20.34	29.34 -3.12 20.51	25.85 -2.92 20.83	25.49 -3.23 21.07	28.56 -3.85 22.02	41.54 -4.18 25.92	81.27 -6.66 41.48	148.34 -12.35 65.02	42.99 -4.49 29.05	29.76 -3.52 24.24	27.53 -2.49 22.27
EMPIRE_CC_1 323656	37.94 0.97 0.00	26.99 0.91 0.00	22.62 0.80 0.00	23.97 0.82 0.00	26.19 0.90 0.00	30.87 1.05 0.00	36.67 1.13 0.00	41.56 1.37 0.00	41.69 1.24 0.00	45.22 1.12 0.00	47.68 1.29 0.00	46.96 1.26 0.00	43.70 1.26 0.00	50.96 1.42 0.00	54.58 1.61 0.00	50.78 1.19 0.00	50.50 0.70 0.00	55.11 0.68 0.00	73.23 1.58 0.00	132.23 2.82 0.00	230.59 4.89 0.00	77.52 0.99 0.00	58.74 1.23 0.00	53.31 1.01 0.00
EMPIRE_CC_2 323658	37.94 0.97 0.00	26.99 0.91 0.00	22.62 0.80 0.00	23.97 0.82 0.00	26.19 0.90 0.00	30.87 1.05 0.00	36.67 1.13 0.00	41.56 1.37 0.00	41.69 1.24 0.00	45.22 1.12 0.00	47.68 1.29 0.00	46.96 1.26 0.00	43.70 1.26 0.00	50.96 1.42 0.00	54.58 1.61 0.00	50.78 1.19 0.00	50.50 0.70 0.00	55.11 0.68 0.00	73.23 1.58 0.00	132.23 2.82 0.00	230.59 4.89 0.00	77.52 0.99 0.00	58.74 1.23 0.00	53.31 1.01 0.00
ENORWICH_115KV_TB1 80156	39.03 2.07 0.00	27.45 1.22 -0.15	23.91 0.90 -1.20	25.38 0.86 -1.38	27.92 0.89 -1.74	32.73 1.06 -1.85	39.07 1.50 -2.03	43.98 1.61 -2.17	43.98 1.13 -2.39	47.70 1.10 -2.51	48.36 0.82 -1.14	48.86 0.62 -2.55	45.70 0.87 -2.39	54.75 1.35 -3.87	58.68 1.55 -4.16	55.43 1.70 -4.13	55.69 1.69 -4.20	61.43 2.16 -4.85	82.95 4.52 -6.79	149.87 10.78 -9.67	258.13 18.15 -14.28	88.54 4.52 -7.50	65.41 2.77 -5.12	57.40 2.07 -3.04
ERIE_ST__34_KV_TB1-2 80199	34.41 -2.55 0.00	23.01 -2.06 1.01	11.95 -1.72 8.14	11.89 -1.89 9.37	11.28 -2.17 11.84	14.65 -2.59 12.58	19.12 -2.64 13.78	22.41 -2.86 14.92	21.28 -2.66 16.52	24.61 -2.15 17.33	36.14 -2.37 7.89	26.26 -1.64 17.81	23.93 -1.40 17.11	28.96 -1.66 18.91	32.02 -2.34 18.61	28.54 -2.17 18.89	28.21 -2.40 19.19	31.28 -2.89 20.26	44.71 -2.87 24.07	87.07 -4.44 37.91	157.62 -8.87 59.22	46.66 -3.42 26.45	32.75 -2.80 21.96	30.16 -1.95 20.18
ERIE_WT_PWR 323693	34.36 -2.61 0.00	22.85 -2.10 1.13	10.95 -1.77 9.09	10.74 -1.95 10.46	9.82 -2.25 13.22	13.05 -2.70 14.07	17.34 -2.69 15.52	20.62 -2.85 16.73	19.65 -2.84 17.97	22.87 -2.38 18.84	35.18 -2.64 8.57	24.44 -1.91 19.34	22.16 -1.70 18.58	26.83 -2.14 20.57	29.86 -2.87 20.24	26.40 -2.65 20.54	26.06 -2.90 20.84	29.23 -3.31 21.89	42.09 -3.68 25.87	83.07 -5.26 41.09	151.45 -9.95 64.30	43.95 -3.85 28.72	30.57 -3.06 23.89	28.10 -2.24 21.96
ESPRGFLD_115KV_TB1 80157	38.06 1.09 0.00	26.75 0.67 0.00	22.27 0.45 0.00	23.55 0.40 0.00	25.75 0.46 0.00	30.36 0.54 0.00	36.31 0.76 0.00	41.03 0.83 0.00	41.16 0.71 0.00	45.00 0.90 0.00	47.23 0.84 0.00	46.55 0.85 0.00	43.26 0.81 0.00	50.55 1.01 0.00	53.97 1.00 0.00	50.64 1.05 0.00	51.01 1.21 0.00	55.99 1.56 0.00	74.27 2.62 0.00	135.20 5.79 0.00	235.18 9.47 0.00	79.47 2.95 0.00	59.56 2.04 0.00	53.97 1.67 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	37.35 0.39 0.00	26.55 0.20 -0.27	24.11 0.12 -2.17	25.73 0.10 -2.48	28.54 0.11 -3.14	33.33 0.16 -3.34	39.55 0.37 -3.63	44.38 0.36 -3.82	44.80 0.04 -4.31	48.58 -0.03 -4.51	48.26 -0.18 -2.06	50.17 -0.11 -4.59	46.79 0.01 -4.33	56.38 0.24 -6.60	60.11 0.13 -7.02	56.83 0.26 -6.98	57.20 0.32 -7.08	63.17 0.65 -8.09	84.65 1.86 -11.14	150.06 4.58 -16.06	257.04 7.37 -23.97	90.81 1.93 -12.36	67.22 1.07 -8.64	58.64 0.85 -5.49
ETNA____115KV_TB2 80207	37.35 0.39 0.00	26.55 0.20 -0.27	24.11 0.12 -2.17	25.73 0.10 -2.48	28.54 0.11 -3.14	33.33 0.16 -3.34	39.55 0.37 -3.63	44.38 0.36 -3.82	44.80 0.04 -4.31	48.58 -0.03 -4.51	48.26 -0.18 -2.06	50.17 -0.11 -4.59	46.79 0.01 -4.33	56.38 0.24 -6.60	60.11 0.13 -7.02	56.83 0.26 -6.98	57.20 0.32 -7.08	63.17 0.65 -8.09	84.65 1.86 -11.14	150.06 4.58 -16.06	257.04 7.37 -23.97	90.81 1.93 -12.36	67.22 1.07 -8.64	58.64 0.85 -5.49
EUCLID__115KV_TB2 356179	36.38 -0.58 0.00	25.68 -0.40 0.00	21.46 -0.35 0.00	22.75 -0.40 0.00	24.85 -0.44 0.00	29.30 -0.52 0.00	35.01 -0.53 0.00	39.58 -0.62 0.00	39.72 -0.73 0.00	43.36 -0.74 0.00	45.62 -0.77 0.00	44.98 -0.72 0.00	41.88 -0.72 -0.16	50.36 -0.77 -1.60	54.04 -0.85 -1.92	50.45 -0.78 -1.64	50.79 -0.67 -1.67	55.85 -0.61 -2.03	74.77 -0.30 -3.42	134.06 -0.09 -4.74	231.56 -0.74 -6.59	80.19 -0.58 -4.25	59.05 -0.69 -2.21	51.75 -0.64 -0.09
E_CANADA_CAP_HY 24051	38.20 1.23 0.00	26.89 0.81 0.00	22.37 0.55 0.00	23.61 0.46 0.00	25.83 0.53 0.00	30.45 0.63 0.00	36.35 0.81 0.00	40.80 0.60 0.00	40.79 0.33 0.00	44.45 0.34 0.00	46.62 0.22 0.00	45.87 0.17 0.00	42.57 0.13 0.00	49.62 0.08 0.00	53.02 0.05 0.00	49.76 0.16 0.00	50.05 0.25 0.00	55.04 0.61 0.00	73.18 1.53 0.00	134.37 4.94 0.00	235.05 9.35 0.00	79.51 2.98 0.00	59.82 2.30 0.00	54.22 1.92 0.00
E_CANADA_MHWK_HY 24050	39.02 2.05 0.00	27.80 1.72 0.00	23.17 1.35 0.00	24.33 1.18 0.00	26.61 1.33 0.00	31.27 1.46 0.00	37.21 1.67 0.00	42.20 2.00 0.00	42.06 1.60 0.00	45.13 1.03 0.00	47.17 0.78 0.00	46.47 0.77 0.00	43.51 0.93 -0.14	51.13 1.14 -0.45	57.91 1.46 -3.47	52.61 1.27 -1.74	50.93 1.13 0.00	56.27 1.84 0.00	76.53 4.88 0.00	140.58 11.16 0.00	244.95 19.25 0.00	81.37 4.84 0.00	61.35 3.84 0.00	55.33 3.03 0.00
E_FISHKILL__LBMP 23776	38.77 1.80 0.00	27.57 1.49 0.00	23.07 1.26 0.00	24.37 1.22 0.00	26.61 1.32 0.00	31.38 1.56 0.00	37.42 1.88 0.00	42.72 2.53 0.00	43.07 2.61 0.00	47.07 2.97 0.00	49.82 3.27 -0.16	49.35 3.33 -0.31	46.52 3.24 -0.84	54.36 4.00 -0.82	61.68 4.34 -4.38	57.67 3.95 -4.13	63.49 4.00 -9.69	62.90 4.35 -4.11	79.73 6.33 -1.75	139.52 10.10 0.00	240.94 15.24 0.00	81.10 4.57 0.00	60.90 3.38 0.00	55.34 3.05 0.00
FALCON__SEABRD_CC1 323796	36.88 -0.09 0.00	25.95 -0.13 0.00	21.62 -0.19 0.00	22.91 -0.25 0.00	25.00 -0.30 0.00	29.58 -0.23 0.00	35.30 -0.25 0.00	39.26 -0.94 0.00	40.25 -0.21 0.00	43.79 -0.30 0.00	45.96 -0.43 0.00	45.07 -0.63 0.00	41.67 -0.59 0.17	48.07 -0.89 0.58	47.52 -1.01 4.44	46.64 -0.73 2.23	49.34 -0.46 0.00	53.83 -0.60 0.00	70.63 -1.63 -0.62	126.86 -2.56 0.00	222.61 -3.09 0.00	75.61 -0.92 0.00	57.00 -0.52 0.00	51.50 -0.80 0.00
FALCON__SEABRD_CC2 323797	36.88 -0.09 0.00	25.95 -0.13 0.00	21.62 -0.19 0.00	22.91 -0.25 0.00	25.00 -0.30 0.00	29.58 -0.23 0.00	35.30 -0.25 0.00	39.26 -0.94 0.00	40.25 -0.21 0.00	43.79 -0.30 0.00	45.96 -0.43 0.00	45.07 -0.63 0.00	41.67 -0.59 0.17	48.07 -0.89 0.58	47.52 -1.01 4.44	46.64 -0.73 2.23	49.34 -0.46 0.00	53.83 -0.60 0.00	70.63 -1.63 -0.62	126.86 -2.56 0.00	222.61 -3.09 0.00	75.61 -0.92 0.00	57.00 -0.52 0.00	51.50 -0.80 0.00

FAR ROCKAWAY___4 23548	39.81 2.84 0.00	28.34 2.26 0.00	23.64 1.82 0.00	24.95 1.80 0.00	27.26 1.97 0.00	32.16 2.34 0.00	38.36 2.82 0.00	43.80 3.61 0.00	44.23 3.77 0.00	48.55 4.45 0.00	53.73 5.11 -2.22	54.69 4.93 -4.06	57.86 4.59 -10.83	64.97 5.63 -9.80	88.40 6.05 -29.38	102.14 5.70 -46.84	135.00 5.89 -79.31	96.82 6.63 -35.76	87.64 9.27 -6.73	144.24 14.81 0.00	248.00 22.29 0.00	83.48 6.95 0.00	62.48 4.96 0.00	56.87 4.57 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	39.37 2.41 0.00	28.12 2.04 0.00	23.43 1.62 0.00	24.71 1.56 0.00	26.98 1.69 0.00	31.81 1.99 0.00	37.94 2.39 0.00	43.45 3.25 0.00	43.92 3.46 0.00	48.16 4.05 0.00	53.31 4.43 -2.48	54.88 4.54 -4.64	59.22 4.39 -12.39	65.21 5.39 -10.29	90.85 5.87 -32.01	106.06 5.35 -51.11	128.97 5.42 -73.75	90.83 5.89 -30.51	86.64 8.29 -6.71	142.46 13.05 0.00	245.25 19.55 0.00	82.67 6.14 0.00	61.93 4.41 0.00	56.27 3.97 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	39.38 2.41 0.00	28.06 1.98 0.00	23.44 1.62 0.00	24.71 1.56 0.00	26.99 1.70 0.00	31.81 1.99 0.00	37.94 2.40 0.00	43.46 3.26 0.00	43.92 3.46 0.00	48.15 4.05 0.00	53.31 4.43 -2.48	54.87 4.54 -4.64	59.21 4.39 -12.39	65.20 5.38 -10.29	90.85 5.87 -32.01	106.06 5.35 -51.11	128.97 5.42 -73.75	90.82 5.88 -30.51	86.64 8.29 -6.71	142.46 13.05 0.00	245.27 19.57 0.00	82.67 6.14 0.00	61.94 4.42 0.00	56.29 3.99 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	39.34 2.38 0.00	28.05 1.97 0.00	23.42 1.61 0.00	24.70 1.54 0.00	26.98 1.69 0.00	31.79 1.97 0.00	37.93 2.38 0.00	43.43 3.23 0.00	43.90 3.45 0.00	48.12 4.02 0.00	53.29 4.41 -2.48	54.86 4.52 -4.64	59.20 4.37 -12.39	65.17 5.35 -10.29	90.82 5.83 -32.01	106.01 5.31 -51.11	128.93 5.38 -73.75	90.79 5.86 -30.51	86.58 8.22 -6.71	142.33 12.92 0.00	245.04 19.34 0.00	82.59 6.07 0.00	61.88 4.36 0.00	56.24 3.94 0.00
FARRAGUT___LBMP 323566	39.31 2.35 0.00	28.03 1.95 0.00	23.40 1.59 0.00	24.68 1.52 0.00	26.96 1.67 0.00	31.76 1.94 0.00	37.89 2.35 0.00	43.38 3.19 0.00	43.85 3.39 0.00	48.07 3.98 0.00	53.22 4.35 -2.48	54.79 4.45 -4.64	59.13 4.31 -12.39	65.11 5.29 -10.29	90.74 5.76 -32.01	105.96 5.25 -51.11	128.87 5.32 -73.75	90.71 5.77 -30.51	86.48 8.13 -6.71	142.20 12.79 0.00	244.80 19.10 0.00	82.51 5.99 0.00	61.82 4.30 0.00	56.19 3.88 0.00
FARRCKWY_69_KV_BK2 55825	39.81 2.84 0.00	28.34 2.26 0.00	23.64 1.82 0.00	24.95 1.80 0.00	27.26 1.97 0.00	32.16 2.34 0.00	38.36 2.82 0.00	43.80 3.61 0.00	44.23 3.77 0.00	48.55 4.45 0.00	53.73 5.11 -2.22	54.69 4.93 -4.06	57.86 4.59 -10.83	64.97 5.63 -9.80	88.40 6.05 -29.38	102.14 5.70 -46.84	135.00 5.89 -79.31	96.82 6.63 -35.76	87.64 9.27 -6.73	144.24 14.81 0.00	248.00 22.29 0.00	83.48 6.95 0.00	62.48 4.96 0.00	56.87 4.57 0.00
FENNER___WINDPWR 24204	37.57 0.61 0.00	26.47 0.39 0.00	22.10 0.29 0.00	23.40 0.24 0.00	25.52 0.23 0.00	30.12 0.30 0.00	36.02 0.48 0.00	40.67 0.47 0.00	40.65 0.19 0.00	44.30 0.20 0.00	46.44 0.04 0.00	45.70 0.00 0.00	42.93 0.12 -0.38	52.05 0.25 -2.26	60.73 0.35 -7.41	54.35 0.39 -4.37	51.98 0.56 -1.62	57.30 0.90 -1.97	77.01 2.05 -3.31	138.91 4.90 -4.59	240.09 8.01 -6.39	82.86 2.22 -4.11	60.95 1.28 -2.15	53.40 1.02 -0.09
FIBERTEK___ENERGY 23856	36.77 -0.20 0.00	25.94 -0.13 0.00	21.67 -0.15 0.00	22.97 -0.18 0.00	25.10 -0.19 0.00	29.62 -0.20 0.00	35.41 -0.14 0.00	39.99 -0.20 0.00	40.09 -0.36 0.00	43.75 -0.35 0.00	46.02 -0.38 0.00	45.39 -0.31 0.00	42.50 -0.31 -0.36	52.86 -0.26 -3.59	56.98 -0.30 -4.30	53.01 -0.26 -3.67	53.44 -0.10 -3.74	59.06 0.07 -4.55	79.97 0.64 -7.68	141.77 1.72 -10.64	242.83 2.33 -14.80	86.49 0.43 -9.53	62.53 0.04 -4.97	52.49 -0.01 -0.20
FITZPATRICK___ 23598	35.90 -1.07 0.00	25.37 -0.71 0.00	21.20 -0.61 0.00	22.48 -0.67 0.00	24.56 -0.73 0.00	28.96 -0.86 0.00	34.57 -0.97 0.00	39.06 -1.14 0.00	39.24 -1.22 0.00	42.81 -1.29 0.00	45.03 -1.36 0.00	44.35 -1.35 0.00	39.09 -1.36 1.99	28.46 -1.56 19.51	27.88 -1.70 23.39	28.05 -1.58 19.96	27.93 -1.52 20.35	28.06 -1.59 24.78	28.16 -1.73 41.76	68.88 -2.69 57.85	140.02 -5.19 80.49	22.71 -1.99 51.83	28.82 -1.66 27.04	49.71 -1.50 1.10
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	39.27 2.31 0.00	27.90 1.82 0.00	23.33 1.52 0.00	24.65 1.50 0.00	26.91 1.61 0.00	31.74 1.92 0.00	37.88 2.34 0.00	43.27 3.07 0.00	43.63 3.17 0.00	47.70 3.60 0.00	50.40 3.95 -0.05	49.86 4.07 -0.09	46.68 3.99 -0.25	55.03 4.92 -0.58	65.55 5.38 -7.20	57.57 4.99 -2.98	70.37 5.15 -15.42	66.81 5.69 -6.68	83.77 8.15 -3.97	142.74 13.32 0.00	246.26 20.55 0.00	82.78 6.25 0.00	62.04 4.52 0.00	56.28 3.99 0.00
FORT ORANGE___ 23900	37.87 0.90 0.00	26.91 0.82 0.00	22.55 0.73 0.00	23.89 0.73 0.00	26.09 0.80 0.00	30.76 0.95 0.00	36.56 1.02 0.00	41.43 1.23 0.00	41.51 1.06 0.00	45.09 0.99 0.00	47.50 1.11 0.00	46.80 1.10 0.00	43.62 1.18 0.00	50.86 1.32 0.00	54.50 1.52 0.00	50.88 1.29 0.00	50.93 1.13 0.00	55.71 1.28 0.00	74.11 2.47 0.00	133.94 4.52 0.00	233.17 7.47 0.00	78.48 1.95 0.00	59.18 1.66 0.00	53.68 1.38 0.00
FORT_DRUM_COGEN 23780	36.69 -0.28 0.00	25.66 -0.42 0.00	21.38 -0.43 0.00	22.57 -0.59 0.00	24.56 -0.73 0.00	28.85 -0.97 0.00	34.92 -0.62 0.00	38.51 -1.68 0.00	38.10 -2.36 0.00	41.22 -2.88 0.00	42.76 -3.64 0.00	41.88 -3.82 0.00	37.95 -3.30 1.18	43.10 -3.88 2.56	16.44 -3.76 32.78	30.68 -3.30 15.61	49.11 -2.74 -2.05	54.81 -2.12 -2.50	74.27 -1.44 -4.07	136.26 1.02 -5.83	239.15 5.34 -8.10	83.25 1.51 -5.22	59.87 -0.37 -2.72	51.48 -0.93 -0.11
FOX_HILLS___ESR 323835	39.46 2.49 0.00	28.11 2.03 0.00	23.45 1.63 0.00	24.73 1.58 0.00	26.98 1.70 0.00	31.80 1.98 0.00	37.97 2.42 0.00	43.50 3.30 0.00	43.93 3.47 0.00	48.11 4.01 0.00	53.38 4.56 -2.43	55.08 4.75 -4.63	59.55 4.74 -12.38	65.25 5.48 -10.24	90.46 5.96 -31.52	105.21 5.52 -50.09	127.97 5.59 -72.58	90.96 6.22 -30.31	86.68 8.32 -6.71	142.30 12.88 0.00	245.06 19.35 0.00	82.89 6.36 0.00	62.07 4.54 0.00	56.46 4.16 0.00
FPL_FAR_ROCK_GT1 24212	39.81 2.85 0.00	28.33 2.25 0.00	23.63 1.82 0.00	24.95 1.80 0.00	27.25 1.96 0.00	32.16 2.34 0.00	38.35 2.81 0.00	43.79 3.60 0.00	44.21 3.76 0.00	48.54 4.44 0.00	53.73 5.11 -2.22	54.69 4.93 -4.06	57.86 4.60 -10.83	64.96 5.63 -9.80	88.39 6.04 -29.38	102.13 5.69 -46.84	134.99 5.87 -79.31	96.81 6.61 -35.76	87.64 9.26 -6.73	144.21 14.78 0.00	247.98 22.27 0.00	83.45 6.92 0.00	62.47 4.94 0.00	56.85 4.55 0.00
FPL_FAR_ROCK_GT2 23815	39.81 2.85 0.00	28.33 2.25 0.00	23.63 1.82 0.00	24.95 1.80 0.00	27.25 1.96 0.00	32.16 2.34 0.00	38.35 2.81 0.00	43.79 3.60 0.00	44.21 3.76 0.00	48.54 4.44 0.00	53.73 5.11 -2.22	54.69 4.93 -4.06	57.86 4.60 -10.83	64.96 5.63 -9.80	88.39 6.04 -29.38	102.13 5.69 -46.84	134.99 5.87 -79.31	96.81 6.61 -35.76	87.64 9.26 -6.73	144.21 14.78 0.00	247.98 22.27 0.00	83.45 6.92 0.00	62.47 4.94 0.00	56.85 4.55 0.00

FRANKLIN_FALL_HYD 24054	36.38 -0.58 0.00	25.57 -0.51 0.00	21.32 -0.50 0.00	22.58 -0.57 0.00	24.67 -0.62 0.00	29.14 -0.68 0.00	34.72 -0.83 0.00	38.63 -1.56 0.00	39.53 -0.93 0.00	42.88 -1.22 0.00	44.93 -1.47 0.00	43.95 -1.75 0.00	40.57 -1.50 0.37	46.32 -2.00 1.22	41.42 -2.14 9.41	43.16 -1.72 4.71	48.23 -1.57 0.00	52.65 -1.78 0.00	68.65 -3.27 -0.27	124.39 -5.02 0.00	219.01 -6.69 0.00	74.54 -1.99 0.00	55.91 -1.61 0.00	50.63 -1.67 0.00
FREEPORT_EQUS_GT1 23764	39.64 2.68 0.00	28.22 2.14 0.00	23.54 1.72 0.00	24.85 1.69 0.00	27.14 1.85 0.00	32.02 2.20 0.00	38.18 2.64 0.00	43.56 3.36 0.00	43.94 3.49 0.00	48.24 4.14 0.00	53.40 4.78 -2.22	54.33 4.57 -4.06	57.51 4.25 -10.82	63.89 5.10 -9.25	87.53 5.18 -29.38	100.09 4.96 -45.53	125.50 5.17 -70.53	90.66 5.91 -30.31	86.74 8.39 -6.70	142.61 13.19 0.00	245.16 19.45 0.00	82.84 6.31 0.00	62.12 4.60 0.00	56.56 4.26 0.00
FREEPORT___CT2 23818	39.64 2.68 0.00	28.22 2.14 0.00	23.54 1.72 0.00	24.85 1.69 0.00	27.14 1.85 0.00	32.02 2.20 0.00	38.18 2.64 0.00	43.56 3.36 0.00	43.94 3.49 0.00	48.24 4.14 0.00	53.40 4.78 -2.22	54.33 4.57 -4.06	57.51 4.25 -10.82	63.89 5.10 -9.25	87.53 5.18 -29.38	100.09 4.96 -45.53	125.50 5.17 -70.53	90.66 5.91 -30.31	86.74 8.39 -6.70	142.61 13.19 0.00	245.16 19.45 0.00	82.84 6.31 0.00	62.12 4.60 0.00	56.56 4.26 0.00
FRESHKLS_33_KV_LOAD 356253	39.62 2.66 0.00	28.22 2.14 0.00	23.53 1.71 0.00	24.82 1.66 0.00	27.09 1.79 0.00	31.93 2.11 0.00	38.11 2.57 0.00	43.67 3.47 0.00	44.09 3.64 0.00	48.24 4.14 0.00	53.50 4.67 -2.43	55.19 4.86 -4.63	59.68 4.86 -12.38	65.34 5.57 -10.24	90.60 6.11 -31.52	105.40 5.71 -50.09	128.16 5.78 -72.58	91.27 6.53 -30.31	87.08 8.72 -6.71	142.92 13.51 0.00	246.20 20.50 0.00	83.32 6.79 0.00	62.32 4.79 0.00	56.63 4.33 0.00
FULTON COGEN____ 23766	35.97 -1.00 0.00	25.40 -0.68 0.00	21.22 -0.60 0.00	22.50 -0.65 0.00	24.57 -0.72 0.00	28.99 -0.83 0.00	34.64 -0.91 0.00	39.16 -1.04 0.00	39.31 -1.15 0.00	42.87 -1.24 0.00	45.09 -1.30 0.00	44.42 -1.28 0.00	41.77 -1.28 -0.61	54.57 -1.40 -6.43	57.79 -1.51 -6.33	54.15 -1.42 -5.98	55.38 -1.34 -6.92	61.56 -1.29 -8.43	84.65 -1.20 -14.20	147.49 -1.59 -19.67	249.89 -3.17 -27.36	92.76 -1.39 -17.62	65.41 -1.31 -9.19	51.44 -1.23 -0.37
FULTON___LFGE 323630	38.54 1.57 0.00	27.19 1.11 0.00	22.67 0.85 0.00	23.97 0.82 0.00	26.22 0.93 0.00	30.94 1.12 0.00	36.89 1.35 0.00	41.26 1.06 0.00	41.15 0.69 0.00	44.60 0.50 0.00	46.68 0.28 0.00	45.91 0.21 0.00	42.65 0.21 0.00	49.82 0.28 0.00	53.20 0.23 0.00	49.84 0.25 0.00	50.13 0.33 0.00	55.27 0.84 0.00	74.00 2.35 0.00	136.53 7.11 0.00	239.37 13.67 0.00	80.84 4.31 0.00	60.70 3.18 0.00	54.96 2.66 0.00
G.F.CEMENT___DRP 24184	39.19 2.22 0.00	27.88 1.80 0.00	23.33 1.51 0.00	24.70 1.55 0.00	27.01 1.72 0.00	31.92 2.11 0.00	38.06 2.51 0.00	43.05 2.85 0.00	43.07 2.61 0.00	46.37 2.27 0.00	48.66 2.27 0.00	47.86 2.16 0.00	44.33 1.88 0.00	51.59 2.05 0.00	55.08 2.11 0.00	51.41 1.82 0.00	51.41 1.61 0.00	56.50 2.07 0.00	75.73 4.08 0.00	137.94 8.53 0.00	240.88 15.18 0.00	81.05 4.53 0.00	61.34 3.82 0.00	55.54 3.24 0.00
GARDENVILLE___LBMP 24039	34.30 -2.67 0.00	22.65 -2.14 1.29	9.62 -1.82 10.38	9.23 -1.98 11.95	7.91 -2.29 15.09	11.02 -2.73 16.07	15.18 -2.76 17.61	18.30 -3.00 18.90	17.72 -2.98 19.76	20.88 -2.52 20.70	34.24 -2.74 9.41	22.38 -2.09 21.23	20.22 -1.84 20.39	24.75 -2.18 22.60	27.81 -2.93 22.23	24.27 -2.75 22.57	23.88 -3.05 22.86	26.88 -3.62 23.93	39.57 -3.89 28.18	78.26 -6.14 45.02	143.75 -11.41 70.54	40.82 -4.20 31.51	27.93 -3.33 26.25	25.80 -2.37 24.13
GARDNVLA_35_KV_LD 355827	34.41 -2.56 0.00	22.93 -2.08 1.07	11.42 -1.78 8.61	11.30 -1.95 9.91	10.51 -2.26 12.52	13.79 -2.70 13.32	18.08 -2.72 14.75	21.33 -2.95 15.92	20.26 -2.89 17.31	23.55 -2.40 18.16	35.53 -2.60 8.26	25.14 -1.92 18.64	22.86 -1.68 17.91	27.72 -2.01 19.81	30.74 -2.74 19.49	27.28 -2.54 19.79	26.90 -2.82 20.08	29.96 -3.34 21.13	43.14 -3.50 25.01	84.31 -5.48 39.63	153.35 -10.37 61.98	44.98 -3.86 27.68	31.39 -3.12 23.01	28.93 -2.23 21.14
GELCKHM__115KV_LOAD 80723	36.54 -0.42 0.00	25.80 -0.28 0.00	21.55 -0.27 0.00	22.84 -0.31 0.00	24.95 -0.34 0.00	29.43 -0.39 0.00	35.18 -0.37 0.00	39.75 -0.45 0.00	39.86 -0.60 0.00	43.51 -0.59 0.00	45.76 -0.64 0.00	45.10 -0.60 0.00	42.08 -0.61 -0.23	51.23 -0.67 -2.30	55.06 -0.67 -2.76	51.34 -0.61 -2.36	51.72 -0.48 -2.40	56.99 -0.37 -2.92	76.64 0.07 -4.93	136.93 0.68 -6.83	235.86 0.66 -9.50	82.50 -0.14 -6.12	60.34 -0.37 -3.19	52.05 -0.37 -0.13
GENERAL___MILLS 23808	34.35 -2.62 0.00	22.84 -2.11 1.13	10.93 -1.80 9.09	10.73 -1.96 10.46	9.79 -2.28 13.22	13.03 -2.72 14.07	17.28 -2.75 15.52	20.48 -2.99 16.73	19.55 -2.94 17.97	22.78 -2.47 18.84	35.13 -2.69 8.57	24.34 -2.02 19.34	22.09 -1.77 18.58	26.86 -2.11 20.57	29.88 -2.85 20.24	26.40 -2.65 20.54	26.00 -2.96 20.84	29.04 -3.50 21.89	42.05 -3.72 25.87	82.47 -5.86 41.09	150.44 -10.96 64.30	43.76 -4.04 28.72	30.39 -3.24 23.89	28.04 -2.31 21.96
GE_PLASTICS___DRP 24183	37.77 0.80 0.00	26.83 0.75 0.00	22.48 0.67 0.00	23.83 0.67 0.00	26.03 0.74 0.00	30.69 0.87 0.00	36.46 0.92 0.00	41.36 1.16 0.00	41.53 1.08 0.00	45.16 1.06 0.00	47.57 1.18 0.00	46.89 1.19 0.00	43.67 1.23 0.00	50.96 1.42 0.00	54.57 1.60 0.00	50.94 1.34 0.00	50.98 1.19 0.00	55.72 1.29 0.00	73.91 2.27 0.00	133.24 3.82 0.00	231.69 5.99 0.00	78.09 1.57 0.00	58.91 1.39 0.00	53.52 1.22 0.00
GILBOA___1 23756	37.93 0.97 0.00	26.90 0.82 0.00	22.52 0.70 0.00	23.93 0.78 0.00	26.21 0.92 0.00	30.88 1.06 0.00	36.58 1.04 0.00	41.57 1.37 0.00	41.80 1.34 0.00	45.58 1.48 0.00	48.03 1.63 0.00	47.36 1.66 0.00	44.08 1.64 0.00	51.55 2.01 0.00	55.11 2.14 0.00	51.41 1.82 0.00	51.47 1.67 0.00	56.08 1.65 0.00	74.21 2.56 0.00	133.26 3.85 0.00	230.95 5.25 0.00	78.24 1.71 0.00	59.21 1.69 0.00	53.90 1.60 0.00
GILBOA___2 23757	37.93 0.97 0.00	26.90 0.82 0.00	22.52 0.70 0.00	23.93 0.78 0.00	26.21 0.92 0.00	30.88 1.06 0.00	36.58 1.04 0.00	41.57 1.37 0.00	41.80 1.34 0.00	45.58 1.48 0.00	48.03 1.63 0.00	47.36 1.66 0.00	44.08 1.64 0.00	51.55 2.01 0.00	55.11 2.14 0.00	51.41 1.82 0.00	51.47 1.67 0.00	56.08 1.65 0.00	74.21 2.56 0.00	133.26 3.85 0.00	230.95 5.25 0.00	78.24 1.71 0.00	59.21 1.69 0.00	53.90 1.60 0.00
GILBOA___3 23758	37.93 0.97 0.00	26.90 0.82 0.00	22.52 0.70 0.00	23.93 0.78 0.00	26.21 0.92 0.00	30.88 1.06 0.00	36.58 1.04 0.00	41.57 1.37 0.00	41.80 1.34 0.00	45.58 1.48 0.00	48.03 1.63 0.00	47.36 1.66 0.00	44.08 1.64 0.00	51.55 2.01 0.00	55.11 2.14 0.00	51.41 1.82 0.00	51.47 1.67 0.00	56.08 1.65 0.00	74.21 2.56 0.00	133.26 3.85 0.00	230.95 5.25 0.00	78.24 1.71 0.00	59.21 1.69 0.00	53.90 1.60 0.00

GILBOA___4 23759	37.93 0.97 0.00	26.90 0.82 0.00	22.52 0.70 0.00	23.93 0.78 0.00	26.21 0.92 0.00	30.88 1.06 0.00	36.58 1.04 0.00	41.57 1.37 0.00	41.80 1.34 0.00	45.58 1.48 0.00	48.03 1.63 0.00	47.36 1.66 0.00	44.08 1.64 0.00	51.55 2.01 0.00	55.11 2.14 0.00	51.41 1.82 0.00	51.47 1.67 0.00	56.08 1.65 0.00	74.21 2.56 0.00	133.26 3.85 0.00	230.95 5.25 0.00	78.24 1.71 0.00	59.21 1.69 0.00	53.90 1.60 0.00
GILBOA____ 23599	37.93 0.97 0.00	26.90 0.82 0.00	22.53 0.71 0.00	23.93 0.78 0.00	26.21 0.92 0.00	30.88 1.07 0.00	36.59 1.04 0.00	41.57 1.37 0.00	41.81 1.35 0.00	45.59 1.48 0.00	48.03 1.63 0.00	47.36 1.67 0.00	44.08 1.64 0.00	51.55 2.01 0.00	55.11 2.14 0.00	51.41 1.82 0.00	51.48 1.68 0.00	56.09 1.66 0.00	74.21 2.56 0.00	133.29 3.87 0.00	230.99 5.28 0.00	78.25 1.72 0.00	59.21 1.69 0.00	53.91 1.61 0.00
GINNA____ 23603	34.43 -2.53 0.00	24.22 -1.86 0.00	20.19 -1.63 0.00	21.38 -1.77 0.00	23.33 -1.97 0.00	27.53 -2.29 0.00	33.11 -2.43 0.00	37.51 -2.69 0.00	37.61 -2.84 0.00	41.30 -2.80 0.00	43.51 -2.88 0.00	43.18 -2.52 0.00	40.15 -2.29 0.00	46.89 -2.65 0.00	49.94 -3.03 0.00	46.82 -2.77 0.00	47.12 -2.68 0.00	51.69 -2.74 0.00	68.79 -2.87 -0.01	125.24 -4.18 0.00	217.25 -8.45 0.00	73.12 -3.40 0.00	54.60 -2.92 0.00	49.75 -2.55 0.00
GLEN PARK____ 23778	36.66 -0.31 0.00	25.64 -0.43 0.00	21.36 -0.46 0.00	22.55 -0.61 0.00	24.55 -0.74 0.00	28.85 -0.97 0.00	34.93 -0.61 0.00	38.56 -1.64 0.00	38.10 -2.36 0.00	41.19 -2.92 0.00	42.71 -3.68 0.00	41.85 -3.85 0.00	38.02 -3.32 1.10	43.42 -3.89 2.23	18.39 -3.79 30.80	31.69 -3.32 14.58	49.19 -2.76 -2.14	54.90 -2.13 -2.61	74.53 -1.39 -4.27	136.79 1.29 -6.09	240.00 5.82 -8.47	83.64 1.66 -5.46	60.07 -0.29 -2.85	51.53 -0.88 -0.11
GLENDALE_27_KV_LOAD 356172	39.50 2.53 0.00	28.18 2.10 0.00	23.53 1.71 0.00	24.81 1.66 0.00	27.09 1.80 0.00	31.90 2.08 0.00	38.06 2.52 0.00	43.63 3.44 0.00	44.12 3.67 0.00	48.37 4.27 0.00	53.53 4.71 -2.43	55.08 4.85 -4.53	59.19 4.65 -12.10	65.20 5.61 -10.06	90.55 6.06 -31.52	105.12 5.53 -49.99	127.98 5.59 -72.58	90.53 6.07 -30.04	86.77 8.42 -6.70	142.57 13.15 0.00	245.33 19.63 0.00	82.82 6.29 0.00	62.09 4.57 0.00	56.45 4.16 0.00
GLENWOOD_IC_1_G5 23712	39.52 2.55 0.00	28.13 2.05 0.00	23.48 1.67 0.00	24.79 1.63 0.00	27.06 1.77 0.00	31.92 2.11 0.00	38.08 2.53 0.00	43.50 3.30 0.00	43.92 3.46 0.00	48.20 4.10 0.00	53.26 4.65 -2.22	54.34 4.58 -4.06	57.61 4.35 -10.82	63.90 5.19 -9.17	87.78 5.43 -29.38	100.04 5.11 -45.33	124.26 5.26 -69.20	89.57 5.84 -29.30	86.56 8.22 -6.70	142.32 12.90 0.00	244.79 19.09 0.00	82.34 5.81 0.00	61.68 4.16 0.00	56.44 4.14 0.00
GLENWOOD_IC_2_G1 23688	39.34 2.37 0.00	28.00 1.92 0.00	23.38 1.57 0.00	24.69 1.54 0.00	26.95 1.67 0.00	31.78 1.96 0.00	37.92 2.37 0.00	43.33 3.13 0.00	43.74 3.28 0.00	47.96 3.86 0.00	52.96 4.34 -2.22	54.06 4.31 -4.06	57.37 4.11 -10.82	63.62 5.01 -9.07	87.75 5.40 -29.38	99.67 5.00 -45.07	122.35 5.12 -67.43	88.06 5.67 -27.96	86.35 8.02 -6.69	142.10 12.68 0.00	244.65 18.94 0.00	82.34 5.82 0.00	61.70 4.19 0.00	56.18 3.88 0.00
GLENWOOD_IC_3_G1 23689	39.34 2.37 0.00	28.00 1.92 0.00	23.38 1.57 0.00	24.69 1.54 0.00	26.95 1.67 0.00	31.78 1.96 0.00	37.92 2.37 0.00	43.33 3.13 0.00	43.74 3.28 0.00	47.96 3.86 0.00	52.96 4.34 -2.22	54.06 4.31 -4.06	57.37 4.11 -10.82	63.62 5.01 -9.07	87.75 5.40 -29.38	99.67 5.00 -45.07	122.35 5.12 -67.43	88.06 5.67 -27.96	86.35 8.02 -6.69	142.10 12.68 0.00	244.65 18.94 0.00	82.34 5.82 0.00	61.70 4.19 0.00	56.18 3.88 0.00
GLENWOOD___4 23550	39.52 2.55 0.00	28.13 2.05 0.00	23.48 1.67 0.00	24.79 1.63 0.00	27.06 1.77 0.00	31.92 2.11 0.00	38.08 2.53 0.00	43.50 3.30 0.00	43.92 3.46 0.00	48.20 4.10 0.00	53.26 4.65 -2.22	54.34 4.58 -4.06	57.61 4.35 -10.82	63.96 5.25 -9.17	87.92 5.57 -29.38	100.15 5.22 -45.33	124.37 5.37 -69.20	89.71 5.98 -29.30	86.71 8.37 -6.70	142.65 13.23 0.00	245.35 19.65 0.00	82.54 6.01 0.00	61.81 4.29 0.00	56.44 4.14 0.00
GLENWOOD___5 23614	39.52 2.55 0.00	28.13 2.05 0.00	23.48 1.67 0.00	24.79 1.63 0.00	27.06 1.77 0.00	31.92 2.11 0.00	38.08 2.53 0.00	43.50 3.30 0.00	43.92 3.46 0.00	48.20 4.10 0.00	53.26 4.65 -2.22	54.34 4.58 -4.06	57.61 4.35 -10.82	63.96 5.25 -9.17	87.92 5.57 -29.38	100.15 5.22 -45.33	124.37 5.37 -69.20	89.71 5.98 -29.30	86.71 8.37 -6.70	142.65 13.23 0.00	245.35 19.65 0.00	82.54 6.01 0.00	61.81 4.29 0.00	56.44 4.14 0.00
GLOBAL GREEN_PORT_GT1 23814	38.99 2.02 0.00	28.18 2.11 0.00	23.36 1.55 0.00	25.18 2.02 0.00	27.58 2.29 0.00	32.64 2.82 0.00	39.03 3.48 0.00	43.92 3.72 0.00	44.06 3.60 0.00	48.62 4.52 0.00	54.01 5.39 -2.22	54.64 4.88 -4.06	57.60 4.34 -10.82	64.00 5.48 -8.98	87.87 5.53 -29.38	99.24 4.78 -44.87	120.31 4.46 -66.05	86.44 5.02 -26.99	86.04 7.71 -6.68	140.66 11.24 0.00	236.59 10.89 0.00	81.11 4.58 0.00	60.61 3.09 0.00	55.20 2.90 0.00
GLOBE___DSASP 323697	33.69 -3.27 0.00	22.70 -2.49 0.89	12.54 -2.14 7.14	12.62 -2.31 8.21	12.24 -2.66 10.38	15.54 -3.20 11.08	20.10 -3.34 12.11	23.26 -3.76 13.19	22.73 -3.86 13.87	26.10 -3.52 14.48	36.13 -3.71 6.56	27.87 -3.05 14.78	25.51 -2.76 14.17	30.37 -3.37 15.80	33.03 -4.38 15.56	29.64 -4.11 15.84	28.95 -4.59 16.25	30.46 -5.36 18.61	38.42 -6.19 27.04	85.55 -10.36 33.51	152.69 -18.70 54.32	38.69 -6.46 31.37	34.48 -4.61 18.43	32.01 -3.34 16.95
GOETHSLN___LBMP 323567	39.21 2.25 0.00	27.94 1.86 0.00	23.33 1.52 0.00	24.61 1.45 0.00	26.87 1.58 0.00	31.66 1.84 0.00	37.78 2.23 0.00	43.28 3.08 0.00	43.71 3.26 0.00	47.93 3.83 0.00	53.05 4.18 -2.48	54.60 4.26 -4.64	58.94 4.11 -12.39	64.89 5.07 -10.29	90.55 5.56 -32.01	105.76 5.06 -51.11	128.67 5.12 -73.75	90.53 5.59 -30.51	86.29 7.93 -6.71	141.84 12.42 0.00	244.07 18.36 0.00	82.31 5.79 0.00	61.62 4.10 0.00	56.02 3.72 0.00
GOLAH___69_KV_TB 1_2 80279	35.88 -1.08 0.00	25.20 -0.88 0.00	21.01 -0.80 0.00	22.24 -0.91 0.00	24.23 -1.06 0.00	28.62 -1.21 -0.01	34.34 -1.06 0.15	37.05 -1.22 1.92	36.90 -1.52 2.04	40.74 -1.22 2.15	44.19 -1.23 0.98	42.72 -0.78 2.20	39.92 -0.57 1.95	46.66 -0.73 2.15	49.66 -1.14 2.17	46.25 -1.01 2.34	46.40 -1.01 2.39	50.78 -1.05 2.61	68.12 -0.35 3.18	125.31 0.65 4.76	218.83 0.42 7.30	73.04 -0.24 3.25	54.35 -0.48 2.69	49.69 -0.14 2.47
GOODYEAR_LAKE_HYD 323669	38.04 1.07 0.00	26.81 0.73 0.00	22.38 0.56 0.00	23.72 0.56 0.00	25.94 0.65 0.00	30.59 0.77 0.00	36.52 0.98 0.00	41.41 1.22 0.00	41.63 1.18 0.00	45.49 1.39 0.00	47.80 1.40 0.00	47.17 1.47 0.00	43.93 1.44 -0.06	51.90 1.84 -0.53	55.36 1.92 -0.47	51.39 1.79 0.00	51.69 1.89 0.00	56.60 2.17 0.00	75.11 3.47 0.00	135.77 6.35 0.00	235.27 9.57 0.00	79.42 2.89 0.00	59.59 2.07 0.00	54.05 1.75 0.00

GOUDEY___1 345031	36.96 0.00 0.00	26.00 -0.08 0.00	21.73 -0.08 0.00	23.06 -0.10 0.00	25.18 -0.11 0.00	29.69 -0.13 0.00	35.56 0.01 0.00	40.43 0.23 0.00	40.56 0.11 0.00	44.34 0.24 0.00	46.54 0.14 0.00	46.05 0.35 0.00	43.06 0.48 -0.14	51.67 0.76 -1.38	55.38 0.76 -1.65	51.71 0.70 -1.41	51.97 0.73 -1.44	57.14 0.83 -1.87	76.75 1.90 -3.21	137.25 3.67 -4.16	236.31 4.94 -5.67	81.29 1.11 -3.65	59.95 0.52 -1.91	52.77 0.39 -0.08
GOUDEY___7 23579	36.96 0.00 0.00	26.00 -0.08 0.00	21.73 -0.08 0.00	23.06 -0.10 0.00	25.18 -0.11 0.00	29.69 -0.13 0.00	35.56 0.01 0.00	40.43 0.23 0.00	40.56 0.11 0.00	44.34 0.24 0.00	46.54 0.14 0.00	46.05 0.35 0.00	43.06 0.48 -0.14	51.67 0.76 -1.38	55.38 0.76 -1.65	51.71 0.70 -1.41	51.97 0.73 -1.44	57.14 0.83 -1.87	76.75 1.90 -3.21	137.25 3.67 -4.16	236.31 4.94 -5.67	81.29 1.11 -3.65	59.95 0.52 -1.91	52.77 0.39 -0.08
GOUDEY___8 23580	36.96 0.00 0.00	26.00 -0.08 0.00	21.73 -0.08 0.00	23.06 -0.10 0.00	25.18 -0.11 0.00	29.69 -0.13 0.00	35.56 0.01 0.00	40.43 0.23 0.00	40.56 0.11 0.00	44.34 0.24 0.00	46.54 0.14 0.00	46.05 0.35 0.00	43.06 0.48 -0.14	51.67 0.76 -1.38	55.38 0.76 -1.65	51.71 0.70 -1.41	51.97 0.73 -1.44	57.14 0.83 -1.87	76.75 1.90 -3.21	137.25 3.67 -4.16	236.31 4.94 -5.67	81.29 1.11 -3.65	59.95 0.52 -1.91	52.77 0.39 -0.08
GOWANUS_GT1_1 24077	39.46 2.49 0.00	28.12 2.04 0.00	23.46 1.64 0.00	24.74 1.59 0.00	27.01 1.72 0.00	31.83 2.01 0.00	37.98 2.44 0.00	43.53 3.34 0.00	43.98 3.53 0.00	48.20 4.10 0.00	53.46 4.64 -2.43	55.13 4.80 -4.63	59.48 4.66 -12.38	65.32 5.55 -10.24	90.51 6.02 -31.52	105.19 5.50 -50.09	127.95 5.56 -72.58	90.75 6.01 -30.31	86.57 8.22 -6.71	142.22 12.80 0.00	244.83 19.13 0.00	82.80 6.28 0.00	62.06 4.54 0.00	56.43 4.13 0.00
GOWANUS_GT1_2 24078	39.46 2.49 0.00	28.12 2.04 0.00	23.46 1.64 0.00	24.74 1.59 0.00	27.01 1.72 0.00	31.83 2.01 0.00	37.98 2.44 0.00	43.53 3.34 0.00	43.98 3.53 0.00	48.20 4.10 0.00	53.46 4.64 -2.43	55.13 4.80 -4.63	59.48 4.66 -12.38	65.32 5.55 -10.24	90.51 6.02 -31.52	105.19 5.50 -50.09	127.95 5.56 -72.58	90.75 6.01 -30.31	86.57 8.22 -6.71	142.22 12.80 0.00	244.83 19.13 0.00	82.80 6.28 0.00	62.06 4.54 0.00	56.43 4.13 0.00
GOWANUS_GT1_3 24079	39.46 2.49 0.00	28.12 2.04 0.00	23.46 1.64 0.00	24.74 1.59 0.00	27.01 1.72 0.00	31.83 2.01 0.00	37.98 2.44 0.00	43.53 3.34 0.00	43.98 3.53 0.00	48.20 4.10 0.00	53.46 4.64 -2.43	55.13 4.80 -4.63	59.48 4.66 -12.38	65.32 5.55 -10.24	90.51 6.02 -31.52	105.19 5.50 -50.09	127.95 5.56 -72.58	90.75 6.01 -30.31	86.57 8.22 -6.71	142.22 12.80 0.00	244.83 19.13 0.00	82.80 6.28 0.00	62.06 4.54 0.00	56.43 4.13 0.00
GOWANUS_GT1_4 24080	39.46 2.49 0.00	28.12 2.04 0.00	23.46 1.64 0.00	24.74 1.59 0.00	27.01 1.72 0.00	31.83 2.01 0.00	37.98 2.44 0.00	43.53 3.34 0.00	43.98 3.53 0.00	48.20 4.10 0.00	53.46 4.64 -2.43	55.13 4.80 -4.63	59.48 4.66 -12.38	65.32 5.55 -10.24	90.51 6.02 -31.52	105.19 5.50 -50.09	127.95 5.56 -72.58	90.75 6.01 -30.31	86.57 8.22 -6.71	142.22 12.80 0.00	244.83 19.13 0.00	82.80 6.28 0.00	62.06 4.54 0.00	56.43 4.13 0.00
GOWANUS_GT1_5 24084	39.46 2.49 0.00	28.12 2.04 0.00	23.46 1.64 0.00	24.74 1.59 0.00	27.01 1.72 0.00	31.83 2.01 0.00	37.98 2.44 0.00	43.53 3.34 0.00	43.98 3.53 0.00	48.20 4.10 0.00	53.46 4.64 -2.43	55.13 4.80 -4.63	59.48 4.66 -12.38	65.32 5.55 -10.24	90.51 6.02 -31.52	105.19 5.50 -50.09	127.95 5.56 -72.58	90.75 6.01 -30.31	86.57 8.22 -6.71	142.22 12.80 0.00	244.83 19.13 0.00	82.80 6.28 0.00	62.06 4.54 0.00	56.43 4.13 0.00
GOWANUS_GT1_6 24111	39.46 2.49 0.00	28.12 2.04 0.00	23.46 1.64 0.00	24.74 1.59 0.00	27.01 1.72 0.00	31.83 2.01 0.00	37.98 2.44 0.00	43.53 3.34 0.00	43.98 3.53 0.00	48.20 4.10 0.00	53.46 4.64 -2.43	55.13 4.80 -4.63	59.48 4.66 -12.38	65.32 5.55 -10.24	90.51 6.02 -31.52	105.19 5.50 -50.09	127.95 5.56 -72.58	90.75 6.01 -30.31	86.57 8.22 -6.71	142.22 12.80 0.00	244.83 19.13 0.00	82.80 6.28 0.00	62.06 4.54 0.00	56.43 4.13 0.00
GOWANUS_GT1_7 24112	39.46 2.49 0.00	28.12 2.04 0.00	23.46 1.64 0.00	24.74 1.59 0.00	27.01 1.72 0.00	31.83 2.01 0.00	37.98 2.44 0.00	43.53 3.34 0.00	43.98 3.53 0.00	48.20 4.10 0.00	53.46 4.64 -2.43	55.13 4.80 -4.63	59.48 4.66 -12.38	65.32 5.55 -10.24	90.51 6.02 -31.52	105.19 5.50 -50.09	127.95 5.56 -72.58	90.75 6.01 -30.31	86.57 8.22 -6.71	142.22 12.80 0.00	244.83 19.13 0.00	82.80 6.28 0.00	62.06 4.54 0.00	56.43 4.13 0.00
GOWANUS_GT1_8 24113	39.46 2.49 0.00	28.12 2.04 0.00	23.46 1.64 0.00	24.74 1.59 0.00	27.01 1.72 0.00	31.83 2.01 0.00	37.98 2.44 0.00	43.53 3.34 0.00	43.98 3.53 0.00	48.20 4.10 0.00	53.46 4.64 -2.43	55.13 4.80 -4.63	59.48 4.66 -12.38	65.32 5.55 -10.24	90.51 6.02 -31.52	105.19 5.50 -50.09	127.95 5.56 -72.58	90.75 6.01 -30.31	86.57 8.22 -6.71	142.22 12.80 0.00	244.83 19.13 0.00	82.80 6.28 0.00	62.06 4.54 0.00	56.43 4.13 0.00
GOWANUS_GT2_1 24114	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
GOWANUS_GT2_2 24115	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
GOWANUS_GT2_3 24116	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
GOWANUS_GT2_4 24117	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00

GOWANUS_GT2_5 24118	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
GOWANUS_GT2_6 24119	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
GOWANUS_GT2_7 24120	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
GOWANUS_GT2_8 24121	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
GOWANUS_GT3_1 24122	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
GOWANUS_GT3_2 24123	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
GOWANUS_GT3_3 24124	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
GOWANUS_GT3_4 24125	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
GOWANUS_GT3_5 24126	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
GOWANUS_GT3_6 24127	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
GOWANUS_GT3_7 24128	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
GOWANUS_GT3_8 24129	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
GOWANUS_GT4_1 24130	39.46 2.49 0.00	28.12 2.04 0.00	23.46 1.64 0.00	24.74 1.59 0.00	27.01 1.72 0.00	31.83 2.01 0.00	37.98 2.44 0.00	43.53 3.34 0.00	43.98 3.53 0.00	48.20 4.10 0.00	53.46 4.64 -2.43	55.13 4.80 -4.63	59.48 4.66 -12.38	65.32 5.55 -10.24	90.51 6.02 -31.52	105.19 5.50 -50.09	127.95 5.56 -72.58	90.75 6.01 -30.31	86.57 8.22 -6.71	142.22 12.80 0.00	244.83 19.13 0.00	82.80 6.28 0.00	62.06 4.54 0.00	56.43 4.13 0.00
GOWANUS_GT4_2 24131	39.46 2.49 0.00	28.12 2.04 0.00	23.46 1.64 0.00	24.74 1.59 0.00	27.01 1.72 0.00	31.83 2.01 0.00	37.98 2.44 0.00	43.53 3.34 0.00	43.98 3.53 0.00	48.20 4.10 0.00	53.46 4.64 -2.43	55.13 4.80 -4.63	59.48 4.66 -12.38	65.32 5.55 -10.24	90.51 6.02 -31.52	105.19 5.50 -50.09	127.95 5.56 -72.58	90.75 6.01 -30.31	86.57 8.22 -6.71	142.22 12.80 0.00	244.83 19.13 0.00	82.80 6.28 0.00	62.06 4.54 0.00	56.43 4.13 0.00
GOWANUS_GT4_3 24132	39.46 2.49 0.00	28.12 2.04 0.00	23.46 1.64 0.00	24.74 1.59 0.00	27.01 1.72 0.00	31.83 2.01 0.00	37.98 2.44 0.00	43.53 3.34 0.00	43.98 3.53 0.00	48.20 4.10 0.00	53.46 4.64 -2.43	55.13 4.80 -4.63	59.48 4.66 -12.38	65.32 5.55 -10.24	90.51 6.02 -31.52	105.19 5.50 -50.09	127.95 5.56 -72.58	90.75 6.01 -30.31	86.57 8.22 -6.71	142.22 12.80 0.00	244.83 19.13 0.00	82.80 6.28 0.00	62.06 4.54 0.00	56.43 4.13 0.00

GOWANUS_GT4_4 24133	39.46 2.49 0.00	28.12 2.04 0.00	23.46 1.64 0.00	24.74 1.59 0.00	27.01 1.72 0.00	31.83 2.01 0.00	37.98 2.44 0.00	43.53 3.34 0.00	43.98 3.53 0.00	48.20 4.10 0.00	53.46 4.64 -2.43	55.13 4.80 -4.63	59.48 4.66 -12.38	65.32 5.55 -10.24	90.51 6.02 -31.52	105.19 5.50 -50.09	127.95 5.56 -72.58	90.75 6.01 -30.31	86.57 8.22 -6.71	142.22 12.80 0.00	244.83 19.13 0.00	82.80 6.28 0.00	62.06 4.54 0.00	56.43 4.13 0.00
GOWANUS_GT4_5 24134	39.46 2.49 0.00	28.12 2.04 0.00	23.46 1.64 0.00	24.74 1.59 0.00	27.01 1.72 0.00	31.83 2.01 0.00	37.98 2.44 0.00	43.53 3.34 0.00	43.98 3.53 0.00	48.20 4.10 0.00	53.46 4.64 -2.43	55.13 4.80 -4.63	59.48 4.66 -12.38	65.32 5.55 -10.24	90.51 6.02 -31.52	105.19 5.50 -50.09	127.95 5.56 -72.58	90.75 6.01 -30.31	86.57 8.22 -6.71	142.22 12.80 0.00	244.83 19.13 0.00	82.80 6.28 0.00	62.06 4.54 0.00	56.43 4.13 0.00
GOWANUS_GT4_6 24135	39.46 2.49 0.00	28.12 2.04 0.00	23.46 1.64 0.00	24.74 1.59 0.00	27.01 1.72 0.00	31.83 2.01 0.00	37.98 2.44 0.00	43.53 3.34 0.00	43.98 3.53 0.00	48.20 4.10 0.00	53.46 4.64 -2.43	55.13 4.80 -4.63	59.48 4.66 -12.38	65.32 5.55 -10.24	90.51 6.02 -31.52	105.19 5.50 -50.09	127.95 5.56 -72.58	90.75 6.01 -30.31	86.57 8.22 -6.71	142.22 12.80 0.00	244.83 19.13 0.00	82.80 6.28 0.00	62.06 4.54 0.00	56.43 4.13 0.00
GOWANUS_GT4_7 24136	39.46 2.49 0.00	28.12 2.04 0.00	23.46 1.64 0.00	24.74 1.59 0.00	27.01 1.72 0.00	31.83 2.01 0.00	37.98 2.44 0.00	43.53 3.34 0.00	43.98 3.53 0.00	48.20 4.10 0.00	53.46 4.64 -2.43	55.13 4.80 -4.63	59.48 4.66 -12.38	65.32 5.55 -10.24	90.51 6.02 -31.52	105.19 5.50 -50.09	127.95 5.56 -72.58	90.75 6.01 -30.31	86.57 8.22 -6.71	142.22 12.80 0.00	244.83 19.13 0.00	82.80 6.28 0.00	62.06 4.54 0.00	56.43 4.13 0.00
GOWANUS_GT4_8 24137	39.46 2.49 0.00	28.12 2.04 0.00	23.46 1.64 0.00	24.74 1.59 0.00	27.01 1.72 0.00	31.83 2.01 0.00	37.98 2.44 0.00	43.53 3.34 0.00	43.98 3.53 0.00	48.20 4.10 0.00	53.46 4.64 -2.43	55.13 4.80 -4.63	59.48 4.66 -12.38	65.32 5.55 -10.24	90.51 6.02 -31.52	105.19 5.50 -50.09	127.95 5.56 -72.58	90.75 6.01 -30.31	86.57 8.22 -6.71	142.22 12.80 0.00	244.83 19.13 0.00	82.80 6.28 0.00	62.06 4.54 0.00	56.43 4.13 0.00
GREENBSH_115KV_TB3 55895	37.68 0.72 0.00	26.79 0.71 0.00	22.46 0.64 0.00	23.79 0.64 0.00	25.98 0.69 0.00	30.63 0.81 0.00	36.38 0.84 0.00	41.27 1.07 0.00	41.42 0.96 0.00	45.00 0.90 0.00	47.40 1.01 0.00	46.72 1.02 0.00	43.54 1.11 0.00	50.76 1.22 0.00	54.39 1.42 0.00	50.77 1.18 0.00	50.77 0.97 0.00	55.51 1.08 0.00	73.69 2.04 0.00	132.93 3.52 0.00	231.25 5.55 0.00	77.84 1.31 0.00	58.75 1.23 0.00	53.31 1.02 0.00
GREENDGE_115KV_TB5 80291	36.51 -0.45 0.00	26.94 -0.54 -1.40	32.51 -0.53 -11.21	35.45 -0.58 -12.88	40.92 -0.64 -16.27	46.42 -0.71 -17.31	53.83 -0.46 -18.74	59.50 -0.44 -19.74	60.89 -0.83 -21.26	65.49 -0.87 -22.25	55.39 -1.13 -10.12	67.90 -0.81 -23.01	66.66 -0.44 -24.66	77.70 -0.27 -28.44	80.01 -0.45 -27.49	74.53 -0.60 -25.53	75.13 -0.55 -25.88	82.75 -0.33 -28.66	108.13 0.66 -35.83	185.39 2.83 -53.14	311.61 4.25 -81.66	114.74 0.71 -37.51	87.82 0.03 -30.28	78.46 -0.17 -26.33
GREENIDGE___3 23582	36.51 -0.45 0.00	26.94 -0.54 -1.40	32.51 -0.53 -11.21	35.45 -0.58 -12.88	40.92 -0.64 -16.27	46.42 -0.71 -17.31	53.83 -0.46 -18.74	59.50 -0.44 -19.74	60.89 -0.83 -21.26	65.49 -0.87 -22.25	55.39 -1.13 -10.12	67.90 -0.81 -23.01	66.66 -0.44 -24.66	77.70 -0.27 -28.44	80.01 -0.45 -27.49	74.53 -0.60 -25.53	75.13 -0.55 -25.88	82.75 -0.33 -28.66	108.13 0.66 -35.83	185.39 2.83 -53.14	311.61 4.25 -81.66	114.74 0.71 -37.51	87.82 0.03 -30.28	78.46 -0.17 -26.33
GREENIDGE___4 23583	36.52 -0.45 0.00	26.94 -0.54 -1.40	32.51 -0.52 -11.21	35.45 -0.58 -12.88	40.92 -0.64 -16.27	46.42 -0.71 -17.31	53.83 -0.46 -18.74	59.50 -0.43 -19.74	60.90 -0.82 -21.26	65.49 -0.86 -22.25	55.39 -1.13 -10.12	67.90 -0.82 -23.01	66.64 -0.46 -24.66	77.69 -0.28 -28.44	79.99 -0.47 -27.49	74.52 -0.61 -25.53	75.14 -0.54 -25.88	82.80 -0.29 -28.66	108.13 0.65 -35.83	185.47 2.91 -53.14	311.76 4.40 -81.66	114.75 0.71 -37.51	87.83 0.04 -30.28	78.46 -0.17 -26.33
GREENLWN_69_KV_BK 3 55738	39.32 2.36 0.00	28.06 1.98 0.00	23.40 1.58 0.00	24.72 1.57 0.00	27.01 1.71 0.00	31.87 2.05 0.00	37.95 2.40 0.00	43.24 3.04 0.00	43.62 3.16 0.00	47.88 3.78 0.00	53.07 4.46 -2.22	53.85 4.10 -4.06	56.87 3.61 -10.82	63.04 4.51 -8.99	87.03 4.68 -29.38	98.97 4.47 -44.90	120.81 4.76 -66.25	87.00 5.43 -27.14	86.08 7.75 -6.69	141.38 11.96 0.00	242.58 16.88 0.00	81.61 5.09 0.00	61.10 3.58 0.00	55.78 3.48 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	39.46 2.49 0.00	28.12 2.04 0.00	23.46 1.64 0.00	24.74 1.59 0.00	27.01 1.72 0.00	31.83 2.01 0.00	37.98 2.44 0.00	43.53 3.34 0.00	43.98 3.53 0.00	48.20 4.10 0.00	53.46 4.64 -2.43	55.13 4.80 -4.63	59.48 4.66 -12.38	65.32 5.55 -10.24	90.51 6.02 -31.52	105.19 5.50 -50.09	127.95 5.56 -72.58	90.75 6.01 -30.31	86.57 8.22 -6.71	142.22 12.80 0.00	244.83 19.13 0.00	82.80 6.28 0.00	62.06 4.54 0.00	56.43 4.13 0.00
GRISSOM___SOLAR 323813	38.55 1.58 0.00	27.23 1.15 0.00	22.71 0.90 0.00	24.03 0.88 0.00	26.28 0.99 0.00	31.02 1.20 0.00	36.96 1.42 0.00	41.31 1.11 0.00	41.11 0.66 0.00	44.53 0.43 0.00	46.63 0.24 0.00	45.87 0.17 0.00	42.62 0.18 0.00	49.89 0.35 0.00	53.24 0.27 0.00	49.82 0.23 0.00	50.08 0.29 0.00	55.18 0.75 0.00	73.91 2.26 0.00	136.49 7.07 0.00	239.37 13.67 0.00	80.80 4.27 0.00	60.70 3.18 0.00	54.98 2.68 0.00
GROVEVILLE___HYD 323602	39.27 2.31 0.00	27.90 1.82 0.00	23.33 1.52 0.00	24.65 1.50 0.00	26.91 1.61 0.00	31.74 1.92 0.00	37.88 2.34 0.00	43.27 3.07 0.00	43.63 3.17 0.00	47.70 3.60 0.00	50.40 3.95 -0.05	49.86 4.07 -0.09	46.68 3.99 -0.25	55.03 4.92 -0.58	65.55 5.38 -7.20	57.57 4.99 -2.98	70.37 5.15 -15.42	66.81 5.69 -6.68	83.77 8.15 -3.97	142.74 13.32 0.00	246.26 20.55 0.00	82.78 6.25 0.00	62.04 4.52 0.00	56.28 3.99 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	36.77 -0.20 0.00	25.94 -0.13 0.00	21.67 -0.15 0.00	22.97 -0.18 0.00	25.10 -0.19 0.00	29.62 -0.20 0.00	35.41 -0.14 0.00	39.99 -0.20 0.00	40.09 -0.36 0.00	43.75 -0.35 0.00	46.02 -0.38 0.00	45.39 -0.31 0.00	42.50 -0.31 -0.36	52.86 -0.26 -3.59	56.98 -0.30 -4.30	53.01 -0.26 -3.67	53.44 -0.10 -3.74	59.06 0.07 -4.55	79.97 0.64 -7.68	141.77 1.72 -10.64	242.83 2.33 -14.80	86.49 0.43 -9.53	62.53 0.04 -4.97	52.49 -0.01 -0.20
HAMLTNNY_34_KV_TB 80303	36.81 -0.15 0.00	25.96 -0.12 0.00	21.68 -0.13 0.00	22.96 -0.19 0.00	25.11 -0.17 0.00	29.64 -0.18 0.00	35.47 -0.08 0.00	40.04 -0.16 0.00	40.05 -0.40 0.00	43.70 -0.40 0.00	45.95 -0.44 0.00	45.36 -0.34 0.00	42.49 -0.32 -0.36	52.84 -0.28 -3.58	56.98 -0.28 -4.29	52.99 -0.27 -3.66	53.44 -0.09 -3.74	59.10 0.12 -4.55	80.07 0.75 -7.66	142.20 2.16 -10.62	243.65 3.17 -14.77	86.78 0.75 -9.51	62.72 0.24 -4.96	52.69 0.19 -0.20

HAMPSHIRE___PAPER_HYD 323593	36.11 -0.85 0.00	25.33 -0.74 0.00	21.12 -0.69 0.00	22.35 -0.81 0.00	24.32 -0.97 0.00	28.59 -1.23 0.00	34.14 -1.41 0.00	37.78 -2.42 0.00	37.81 -2.65 0.00	40.96 -3.14 0.00	42.61 -3.79 0.00	41.64 -4.06 0.00	37.57 -3.58 1.29	41.51 -4.40 3.63	14.43 -4.45 34.09	28.99 -3.88 16.72	47.29 -3.44 -0.93	52.24 -3.33 -1.14	69.23 -4.01 -1.59	127.26 -4.81 -2.66	224.14 -5.26 -3.70	77.16 -1.75 -2.38	56.53 -2.23 -1.24	50.21 -2.14 -0.05
HARDSCRABBLE_WT_PWR 323673	38.71 1.74 0.00	27.53 1.45 0.00	22.89 1.08 0.00	23.97 0.82 0.00	26.22 0.93 0.00	30.76 0.95 0.00	36.67 1.13 0.00	41.71 1.51 0.00	41.77 1.32 0.00	45.01 0.91 0.00	47.11 0.72 0.00	46.39 0.69 0.00	43.39 0.81 -0.14	50.83 0.84 -0.45	57.52 1.07 -3.47	52.36 1.02 -1.74	50.77 0.97 0.00	56.00 1.57 0.00	75.66 4.01 0.00	138.62 9.20 0.00	241.37 15.67 0.00	80.30 3.78 0.00	60.38 2.86 0.00	54.48 2.18 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.17 2.20 0.00	27.78 1.71 0.00	23.22 1.40 0.00	24.52 1.37 0.00	26.75 1.46 0.00	31.55 1.73 0.00	37.69 2.15 0.00	43.10 2.90 0.00	43.48 3.02 0.00	47.60 3.50 0.00	50.05 3.87 0.21	49.40 4.00 0.30	45.57 3.93 0.80	56.10 4.90 -1.66	97.30 5.38 -38.94	63.44 4.98 -8.87	137.36 5.13 -82.43	96.07 5.63 -36.01	103.25 8.00 -23.60	142.30 12.88 0.00	245.31 19.61 0.00	82.45 5.92 0.00	61.73 4.21 0.00	56.05 3.76 0.00
HARSNRAD_115KV_TB1 81005	33.92 -3.05 0.00	22.85 -2.34 0.88	12.74 -1.95 7.13	12.84 -2.11 8.20	12.50 -2.43 10.36	15.93 -2.90 10.99	20.51 -2.96 12.08	23.86 -3.31 13.03	23.41 -3.45 13.59	26.75 -3.05 14.30	36.57 -3.30 6.52	28.39 -2.59 14.72	26.01 -2.34 14.09	31.15 -2.87 15.51	33.87 -3.81 15.29	30.46 -3.58 15.56	29.97 -3.97 15.85	33.56 -4.71 16.16	47.75 -5.30 18.60	90.03 -8.43 30.95	161.66 -15.10 48.95	49.38 -5.29 21.85	35.64 -3.82 18.06	33.12 -2.59 16.59
HARZA MOOSE___RIVER 24016	37.44 0.48 0.00	26.28 0.20 0.00	21.93 0.11 0.00	23.20 0.04 0.00	25.23 -0.06 0.00	29.62 -0.20 0.00	35.59 0.04 0.00	39.85 -0.35 0.00	39.76 -0.70 0.00	43.17 -0.93 0.00	44.87 -1.53 0.00	43.80 -1.89 0.00	41.08 -1.45 -0.09	48.60 -1.84 -0.90	52.46 -1.59 -1.09	49.06 -1.50 -0.96	49.87 -0.91 -0.98	55.31 -0.32 -1.20	74.26 0.70 -1.91	136.00 3.79 -2.80	237.92 8.32 -3.89	81.56 2.52 -2.51	59.57 0.74 -1.31	52.77 0.42 -0.05
HDSNBRDG_115KV_BRDG_TB1 355580	36.53 -0.44 0.00	25.78 -0.30 0.00	21.53 -0.28 0.00	22.84 -0.32 0.00	24.94 -0.35 0.00	29.42 -0.40 0.00	35.16 -0.38 0.00	39.77 -0.43 0.00	39.89 -0.56 0.00	43.57 -0.53 0.00	45.85 -0.55 0.00	45.22 -0.48 0.00	42.16 -0.48 -0.19	50.98 -0.54 -1.92	54.73 -0.54 -2.30	51.09 -0.47 -1.96	51.44 -0.36 -2.00	56.59 -0.27 -2.43	75.95 0.20 -4.10	135.92 0.82 -5.68	234.31 0.70 -7.90	81.47 -0.15 -5.09	59.80 -0.37 -2.65	52.04 -0.37 -0.11
HELLGATE_13_KV_LD 55870	39.57 2.61 0.00	28.24 2.16 0.00	23.57 1.76 0.00	24.86 1.71 0.00	27.14 1.85 0.00	31.95 2.13 0.00	38.13 2.59 0.00	43.72 3.52 0.00	44.21 3.75 0.00	48.46 4.36 0.00	53.61 4.79 -2.43	55.16 4.93 -4.53	59.28 4.74 -12.10	65.28 5.68 -10.06	90.63 6.13 -31.52	105.18 5.60 -49.99	128.09 5.70 -72.58	90.64 6.17 -30.04	86.92 8.56 -6.70	142.80 13.38 0.00	245.78 20.08 0.00	83.00 6.47 0.00	62.22 4.70 0.00	56.58 4.28 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.57 2.61 0.00	28.24 2.16 0.00	23.57 1.76 0.00	24.86 1.71 0.00	27.14 1.85 0.00	31.95 2.13 0.00	38.13 2.59 0.00	43.72 3.52 0.00	44.21 3.75 0.00	48.46 4.36 0.00	53.61 4.79 -2.43	55.16 4.93 -4.53	59.28 4.74 -12.10	65.28 5.68 -10.06	90.63 6.13 -31.52	105.18 5.60 -49.99	128.09 5.70 -72.58	90.64 6.17 -30.04	86.92 8.56 -6.70	142.80 13.38 0.00	245.78 20.08 0.00	83.00 6.47 0.00	62.22 4.70 0.00	56.58 4.28 0.00
HEMPSTEAD___ 23647	39.46 2.49 0.00	28.10 2.02 0.00	23.44 1.63 0.00	24.75 1.59 0.00	27.03 1.74 0.00	31.89 2.08 0.00	38.01 2.47 0.00	43.38 3.19 0.00	43.76 3.30 0.00	48.03 3.93 0.00	53.14 4.52 -2.22	54.12 4.37 -4.06	57.35 4.09 -10.82	63.69 4.97 -9.18	87.63 5.28 -29.38	100.06 5.12 -45.34	124.38 5.27 -69.30	89.86 5.97 -29.45	86.75 8.41 -6.70	142.66 13.24 0.00	245.26 19.55 0.00	82.39 5.86 0.00	61.65 4.14 0.00	56.20 3.90 0.00
HICKLING___1 23621	36.32 -0.65 0.00	25.80 -0.77 -0.49	24.52 -0.69 -3.40	26.12 -0.73 -3.69	29.14 -0.81 -4.66	33.83 -0.95 -4.97	40.28 -0.69 -5.43	45.34 -0.55 -5.69	46.03 -0.75 -6.33	50.16 -0.57 -6.63	48.67 -0.88 -3.15	52.01 -0.42 -6.73	48.37 -0.10 -6.04	57.45 0.14 -7.77	61.03 -0.02 -8.09	58.09 0.04 -8.46	58.40 0.02 -8.58	64.30 0.05 -9.81	85.69 1.11 -12.93	151.71 2.60 -19.69	261.21 2.72 -32.79	92.39 0.04 -15.82	69.21 -0.51 -12.20	61.28 -0.77 -9.75
HICKLING___2 23622	36.32 -0.65 0.00	25.80 -0.77 -0.49	24.52 -0.69 -3.40	26.12 -0.73 -3.69	29.14 -0.81 -4.66	33.83 -0.95 -4.97	40.28 -0.69 -5.43	45.34 -0.55 -5.69	46.03 -0.75 -6.33	50.16 -0.57 -6.63	48.67 -0.88 -3.15	52.01 -0.42 -6.73	48.37 -0.10 -6.04	57.45 0.14 -7.77	61.03 -0.02 -8.09	58.09 0.04 -8.46	58.40 0.02 -8.58	64.30 0.05 -9.81	85.69 1.11 -12.93	151.71 2.60 -19.69	261.21 2.72 -32.79	92.39 0.04 -15.82	69.21 -0.51 -12.20	61.28 -0.77 -9.75
HIGH FALLS___HY 23754	39.30 2.34 0.00	27.87 1.79 0.00	23.29 1.48 0.00	24.61 1.45 0.00	26.85 1.56 0.00	31.68 1.86 0.00	37.85 2.30 0.00	43.28 3.09 0.00	43.59 3.14 0.00	47.61 3.51 0.00	50.19 3.80 0.00	49.53 3.83 0.00	46.19 3.75 0.00	54.55 4.79 -0.22	61.76 4.94 -3.85	55.30 4.57 -1.14	62.92 4.93 -8.19	63.53 5.53 -3.57	81.98 8.08 -2.26	142.68 13.27 0.00	245.98 20.27 0.00	82.75 6.22 0.00	62.22 4.70 0.00	56.44 4.14 0.00
HIGH_RIVER___SOLAR 323847	38.23 1.26 0.00	27.05 0.97 0.00	22.60 0.78 0.00	23.94 0.79 0.00	26.17 0.88 0.00	30.86 1.04 0.00	36.73 1.18 0.00	41.34 1.14 0.00	41.12 0.66 0.00	44.46 0.36 0.00	46.62 0.23 0.00	45.92 0.22 0.00	42.67 0.23 0.00	49.90 0.36 0.00	53.46 0.49 0.00	50.03 0.44 0.00	50.26 0.46 0.00	55.28 0.85 0.00	74.01 2.36 0.00	134.98 5.56 0.00	235.71 10.01 0.00	79.57 3.04 0.00	59.88 2.36 0.00	54.33 2.03 0.00
HILLBURN___GT 23639	39.08 2.12 0.00	27.74 1.66 0.00	23.19 1.37 0.00	24.49 1.34 0.00	26.71 1.42 0.00	31.50 1.68 0.00	37.65 2.11 0.00	43.08 2.88 0.00	43.43 2.98 0.00	47.58 3.48 0.00	49.97 3.82 0.25	49.27 3.94 0.37	45.29 3.83 0.99	55.44 4.80 -1.10	89.44 5.25 -31.22	60.35 4.80 -5.95	120.62 4.90 -65.92	88.60 5.33 -28.85	98.52 7.62 -19.26	141.56 12.14 0.00	244.07 18.37 0.00	82.09 5.57 0.00	61.47 3.95 0.00	55.88 3.58 0.00
HILLSIDE_115KV_TB1 80332	36.09 -0.87 0.00	25.58 -0.88 -0.37	23.96 -0.75 -2.89	25.66 -0.78 -3.29	28.57 -0.88 -4.16	33.18 -1.07 -4.43	39.52 -0.87 -4.85	44.54 -0.73 -5.08	45.20 -0.87 -5.62	49.31 -0.67 -5.88	48.07 -1.02 -2.70	51.10 -0.57 -5.97	47.53 -0.26 -5.35	56.60 0.02 -7.04	60.22 -0.12 -7.36	57.18 -0.09 -7.68	57.46 -0.13 -7.79	63.15 -0.18 -8.90	84.09 0.66 -11.79	147.93 1.45 -17.06	252.49 0.66 -26.13	88.60 -0.65 -12.72	66.08 -1.02 -9.58	58.47 -1.13 -7.30

HISHELDN_WT_PWR 323625	34.38 -2.59 0.00	21.10 -2.21 2.77	-2.38 -1.86 22.34	-4.58 -2.02 25.72	-9.49 -2.29 32.50	-7.50 -2.74 34.58	-4.74 -2.73 37.55	-2.31 -2.88 39.63	-0.74 -2.93 38.27	1.30 -2.73 40.07	25.08 -3.12 18.19	2.09 -2.56 41.05	0.77 -2.22 39.45	3.04 -2.72 43.78	6.48 -3.41 43.08	2.80 -3.08 43.71	2.22 -3.31 44.26	3.73 -3.70 47.00	11.38 -4.30 55.97	35.50 -6.34 87.57	78.22 -11.08 136.41	11.30 -4.29 60.94	3.26 -3.44 50.82	2.64 -2.95 46.72
HOLTSVILLE_IC_1 23690	39.43 2.47 0.00	28.21 2.13 0.00	23.50 1.68 0.00	24.87 1.72 0.00	27.18 1.88 0.00	32.10 2.28 0.00	38.26 2.72 0.00	43.49 3.29 0.00	43.79 3.33 0.00	48.08 3.99 0.00	53.28 4.67 -2.22	53.92 4.17 -4.06	56.93 3.67 -10.82	63.00 4.49 -8.98	86.92 4.57 -29.38	98.79 4.33 -44.86	120.47 4.63 -66.04	86.69 5.28 -26.98	86.13 7.80 -6.68	141.46 12.04 0.00	242.48 16.78 0.00	81.59 5.06 0.00	61.16 3.64 0.00	55.86 3.56 0.00
HOLTSVILLE_IC_10 23699	39.55 2.59 0.00	28.30 2.23 0.00	23.56 1.75 0.00	24.94 1.79 0.00	27.26 1.97 0.00	32.20 2.38 0.00	38.40 2.86 0.00	43.63 3.44 0.00	43.94 3.48 0.00	48.25 4.15 0.00	53.46 4.84 -2.22	54.10 4.35 -4.06	57.11 3.85 -10.82	63.23 4.71 -8.99	87.12 4.78 -29.38	99.02 4.55 -44.88	120.82 4.90 -66.12	87.05 5.57 -27.04	86.55 8.22 -6.69	142.25 12.83 0.00	243.78 18.08 0.00	81.97 5.44 0.00	61.44 3.92 0.00	56.10 3.80 0.00
HOLTSVILLE_IC_2 23691	39.43 2.47 0.00	28.21 2.13 0.00	23.50 1.68 0.00	24.87 1.72 0.00	27.18 1.88 0.00	32.10 2.28 0.00	38.26 2.72 0.00	43.49 3.29 0.00	43.79 3.33 0.00	48.08 3.99 0.00	53.28 4.67 -2.22	53.92 4.17 -4.06	56.93 3.67 -10.82	63.00 4.49 -8.98	86.92 4.57 -29.38	98.79 4.33 -44.86	120.47 4.63 -66.04	86.69 5.28 -26.98	86.13 7.80 -6.68	141.46 12.04 0.00	242.48 16.78 0.00	81.59 5.06 0.00	61.16 3.64 0.00	55.86 3.56 0.00
HOLTSVILLE_IC_3 23692	39.43 2.47 0.00	28.21 2.13 0.00	23.50 1.68 0.00	24.87 1.72 0.00	27.18 1.88 0.00	32.10 2.28 0.00	38.26 2.72 0.00	43.49 3.29 0.00	43.79 3.33 0.00	48.08 3.99 0.00	53.28 4.67 -2.22	53.92 4.17 -4.06	56.93 3.67 -10.82	63.00 4.49 -8.98	86.92 4.57 -29.38	98.79 4.33 -44.86	120.47 4.63 -66.04	86.69 5.28 -26.98	86.13 7.80 -6.68	141.46 12.04 0.00	242.48 16.78 0.00	81.59 5.06 0.00	61.16 3.64 0.00	55.86 3.56 0.00
HOLTSVILLE_IC_4 23693	39.43 2.47 0.00	28.21 2.13 0.00	23.50 1.68 0.00	24.87 1.72 0.00	27.18 1.88 0.00	32.10 2.28 0.00	38.26 2.72 0.00	43.49 3.29 0.00	43.79 3.33 0.00	48.08 3.99 0.00	53.28 4.67 -2.22	53.92 4.17 -4.06	56.93 3.67 -10.82	63.00 4.49 -8.98	86.92 4.57 -29.38	98.79 4.33 -44.86	120.47 4.63 -66.04	86.69 5.28 -26.98	86.13 7.80 -6.68	141.46 12.04 0.00	242.48 16.78 0.00	81.59 5.06 0.00	61.16 3.64 0.00	55.86 3.56 0.00
HOLTSVILLE_IC_5 23694	39.43 2.47 0.00	28.21 2.13 0.00	23.50 1.68 0.00	24.87 1.72 0.00	27.18 1.88 0.00	32.10 2.28 0.00	38.26 2.72 0.00	43.49 3.29 0.00	43.79 3.33 0.00	48.08 3.99 0.00	53.28 4.67 -2.22	53.92 4.17 -4.06	56.93 3.67 -10.82	63.00 4.49 -8.98	86.92 4.57 -29.38	98.79 4.33 -44.86	120.47 4.63 -66.04	86.69 5.28 -26.98	86.13 7.80 -6.68	141.46 12.04 0.00	242.48 16.78 0.00	81.59 5.06 0.00	61.16 3.64 0.00	55.86 3.56 0.00
HOLTSVILLE_IC_6 23695	39.55 2.59 0.00	28.30 2.23 0.00	23.56 1.75 0.00	24.94 1.79 0.00	27.26 1.97 0.00	32.20 2.38 0.00	38.40 2.86 0.00	43.63 3.44 0.00	43.94 3.48 0.00	48.25 4.15 0.00	53.46 4.84 -2.22	54.10 4.35 -4.06	57.11 3.85 -10.82	63.23 4.71 -8.99	87.12 4.78 -29.38	99.02 4.55 -44.88	120.82 4.90 -66.12	87.05 5.57 -27.04	86.55 8.22 -6.69	142.25 12.83 0.00	243.78 18.08 0.00	81.97 5.44 0.00	61.44 3.92 0.00	56.10 3.80 0.00
HOLTSVILLE_IC_7 23696	39.55 2.59 0.00	28.30 2.23 0.00	23.56 1.75 0.00	24.94 1.79 0.00	27.26 1.97 0.00	32.20 2.38 0.00	38.40 2.86 0.00	43.63 3.44 0.00	43.94 3.48 0.00	48.25 4.15 0.00	53.46 4.84 -2.22	54.10 4.35 -4.06	57.11 3.85 -10.82	63.23 4.71 -8.99	87.12 4.78 -29.38	99.02 4.55 -44.88	120.82 4.90 -66.12	87.05 5.57 -27.04	86.55 8.22 -6.69	142.25 12.83 0.00	243.78 18.08 0.00	81.97 5.44 0.00	61.44 3.92 0.00	56.10 3.80 0.00
HOLTSVILLE_IC_8 23697	39.55 2.59 0.00	28.30 2.23 0.00	23.56 1.75 0.00	24.94 1.79 0.00	27.26 1.97 0.00	32.20 2.38 0.00	38.40 2.86 0.00	43.63 3.44 0.00	43.94 3.48 0.00	48.25 4.15 0.00	53.46 4.84 -2.22	54.10 4.35 -4.06	57.11 3.85 -10.82	63.23 4.71 -8.99	87.12 4.78 -29.38	99.02 4.55 -44.88	120.82 4.90 -66.12	87.05 5.57 -27.04	86.55 8.22 -6.69	142.25 12.83 0.00	243.78 18.08 0.00	81.97 5.44 0.00	61.44 3.92 0.00	56.10 3.80 0.00
HOLTSVILLE_IC_9 23698	39.55 2.59 0.00	28.30 2.23 0.00	23.56 1.75 0.00	24.94 1.79 0.00	27.26 1.97 0.00	32.20 2.38 0.00	38.40 2.86 0.00	43.63 3.44 0.00	43.94 3.48 0.00	48.25 4.15 0.00	53.46 4.84 -2.22	54.10 4.35 -4.06	57.11 3.85 -10.82	63.23 4.71 -8.99	87.12 4.78 -29.38	99.02 4.55 -44.88	120.82 4.90 -66.12	87.05 5.57 -27.04	86.55 8.22 -6.69	142.25 12.83 0.00	243.78 18.08 0.00	81.97 5.44 0.00	61.44 3.92 0.00	56.10 3.80 0.00
HOMER_HL_115KV_TB2 355744	34.77 -2.20 0.00	23.88 -1.86 0.34	17.58 -1.50 2.73	18.39 -1.62 3.14	19.47 -1.85 3.97	23.48 -2.21 4.13	29.78 -2.22 3.54	33.03 -2.30 4.87	24.77 -1.89 13.79	28.23 -1.41 14.46	38.06 -1.76 6.58	29.67 -1.19 14.84	27.26 -0.88 14.30	32.78 -0.91 15.84	36.20 -1.20 15.57	32.49 -1.34 15.76	32.37 -1.45 15.98	35.70 -1.84 16.89	50.01 -1.56 20.09	95.37 -2.44 31.60	170.90 -5.41 49.40	52.10 -2.36 22.07	36.90 -2.24 18.37	33.83 -1.59 16.89
HOWARD_WT_PWR 323690	35.33 -1.64 0.00	27.33 -1.72 -2.96	43.98 -1.64 -23.80	48.70 -1.82 -27.37	57.87 -2.00 -34.59	64.35 -2.29 -36.82	73.44 -2.06 -39.96	81.07 -1.98 -42.85	91.53 -2.35 -53.43	97.57 -2.46 -55.93	68.84 -2.96 -25.41	100.40 -2.58 -57.28	95.84 -1.90 -55.30	109.63 -2.19 -62.28	111.51 -2.94 -61.48	108.84 -2.81 -62.06	109.63 -3.05 -62.88	120.36 -3.34 -69.27	153.29 -3.72 -85.36	252.03 -4.41 -127.02	414.46 -6.63 -195.39	161.47 -3.20 -88.14	127.41 -2.81 -72.70	114.86 -3.03 -65.59
HQ_GEN_CEDARS 23644	36.46 -0.51 0.00	25.66 -0.42 0.00	21.41 -0.40 0.00	22.70 -0.45 0.00	24.77 -0.52 0.00	29.23 -0.59 0.00	34.91 -0.63 0.00	39.11 -1.09 0.00	39.64 -0.81 0.00	43.12 -0.98 0.00	45.23 -1.17 0.00	44.46 -1.24 0.00	41.03 -1.11 0.30	46.96 -1.58 1.00	43.51 -1.75 7.71	44.33 -1.40 3.86	48.47 -1.33 0.00	52.88 -1.55 0.00	67.90 -2.76 0.98	124.94 -4.48 0.00	219.78 -5.92 0.00	74.86 -1.67 0.00	56.18 -1.34 0.00	51.05 -1.25 0.00
HQ_GEN_CEDARS_PROXY 323590	36.46 -0.51 0.00	25.66 -0.42 0.00	21.41 -0.41 0.00	22.70 -0.45 0.00	24.77 -0.52 0.00	29.23 -0.59 0.00	34.91 -0.63 0.00	39.11 -1.09 0.00	39.64 -0.82 0.00	43.11 -0.99 0.00	45.24 -1.16 0.00	44.46 -1.24 0.00	41.03 -1.11 0.30	46.97 -1.57 1.00	43.52 -1.74 7.71	44.34 -1.39 3.86	48.49 -1.31 0.00	52.86 -1.57 0.00	67.90 -2.76 0.98	124.94 -4.48 0.00	219.73 -5.97 0.00	75.52 -1.67 -0.66	56.18 -1.34 0.00	51.05 -1.25 0.00

HQ_GEN_CHPE_PROXY 323851	39.27 2.31 0.00	28.00 1.92 0.00	23.39 1.58 0.00	24.66 1.51 0.00	26.94 1.64 0.00	31.75 1.93 0.00	37.85 2.31 0.00	43.33 3.13 0.00	43.78 3.32 0.00	47.99 3.89 0.00	53.12 4.28 -2.45	54.65 4.38 -4.57	58.88 4.24 -12.20	64.87 5.20 -10.14	90.33 5.66 -31.70	105.15 5.16 -50.39	128.01 5.21 -72.99	90.30 5.66 -30.20	86.31 7.96 -6.71	141.87 12.45 0.00	244.35 18.65 0.00	79.74 5.85 2.64	61.72 4.20 0.00	56.45 3.81 -0.35
HQ_GEN_IMPORT 323601	36.89 -0.08 0.00	25.94 -0.14 0.00	21.70 -0.11 0.00	23.06 -0.09 0.00	25.19 -0.10 0.00	29.70 -0.11 0.00	35.43 -0.11 0.00	39.99 -0.21 0.00	40.34 -0.12 0.00	43.96 -0.14 0.00	46.24 -0.16 0.00	45.52 -0.18 0.00	42.27 -0.17 0.00	49.29 -0.25 0.00	52.70 -0.27 0.00	49.39 -0.21 0.00	49.61 -0.19 0.00	54.17 -0.26 0.00	56.89 -0.90 13.85	127.66 -1.76 0.00	223.47 -2.23 0.00	73.52 -0.37 2.64	57.29 -0.23 0.00	52.43 -0.22 -0.35
HQ_GEN_WHEEL 23651	36.89 -0.08 0.00	25.94 -0.14 0.00	21.70 -0.11 0.00	23.06 -0.09 0.00	25.19 -0.10 0.00	29.70 -0.11 0.00	35.43 -0.11 0.00	39.99 -0.21 0.00	40.34 -0.12 0.00	43.96 -0.14 0.00	46.24 -0.16 0.00	45.52 -0.18 0.00	42.27 -0.17 0.00	49.29 -0.25 0.00	52.70 -0.27 0.00	49.39 -0.21 0.00	49.61 -0.19 0.00	54.17 -0.26 0.00	56.89 -0.90 13.85	127.66 -1.76 0.00	223.47 -2.23 0.00	73.52 -0.37 2.64	57.29 -0.23 0.00	52.43 -0.22 -0.35
HUDSON AVE_GT_3 23810	39.39 2.43 0.00	28.08 2.00 0.00	23.44 1.63 0.00	24.72 1.57 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.96 2.41 0.00	43.47 3.27 0.00	43.95 3.49 0.00	48.18 4.08 0.00	53.34 4.47 -2.48	54.91 4.57 -4.64	59.26 4.43 -12.39	65.26 5.43 -10.29	90.90 5.92 -32.01	106.11 5.40 -51.11	129.02 5.47 -73.75	90.87 5.93 -30.51	86.70 8.34 -6.71	142.58 13.15 0.00	245.43 19.73 0.00	82.73 6.21 0.00	61.97 4.45 0.00	56.32 4.02 0.00
HUDSON AVE_GT_4 23540	39.39 2.43 0.00	28.08 2.00 0.00	23.44 1.63 0.00	24.72 1.57 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.96 2.41 0.00	43.47 3.27 0.00	43.95 3.49 0.00	48.18 4.08 0.00	53.34 4.47 -2.48	54.91 4.57 -4.64	59.26 4.43 -12.39	65.26 5.43 -10.29	90.90 5.92 -32.01	106.11 5.40 -51.11	129.02 5.47 -73.75	90.87 5.93 -30.51	86.70 8.34 -6.71	142.58 13.15 0.00	245.43 19.73 0.00	82.73 6.21 0.00	61.97 4.45 0.00	56.32 4.02 0.00
HUDSON AVE_GT_5 23657	39.39 2.43 0.00	28.08 2.00 0.00	23.44 1.63 0.00	24.72 1.57 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.96 2.41 0.00	43.47 3.27 0.00	43.95 3.49 0.00	48.18 4.08 0.00	53.34 4.47 -2.48	54.91 4.57 -4.64	59.26 4.43 -12.39	65.26 5.43 -10.29	90.90 5.92 -32.01	106.11 5.40 -51.11	129.02 5.47 -73.75	90.87 5.93 -30.51	86.70 8.34 -6.71	142.58 13.15 0.00	245.43 19.73 0.00	82.73 6.21 0.00	61.97 4.45 0.00	56.32 4.02 0.00
HUDSON_AVE_10 24168	39.22 2.26 0.00	27.97 1.89 0.00	23.33 1.52 0.00	24.60 1.45 0.00	26.87 1.58 0.00	31.66 1.84 0.00	37.76 2.21 0.00	43.26 3.06 0.00	43.74 3.28 0.00	47.96 3.85 0.00	53.01 4.19 -2.43	54.52 4.28 -4.54	58.68 4.14 -12.10	64.70 5.09 -10.07	90.06 5.55 -31.54	104.64 5.05 -49.99	127.53 5.12 -72.60	90.05 5.57 -30.05	86.22 7.87 -6.71	141.76 12.34 0.00	244.14 18.43 0.00	82.26 5.73 0.00	61.65 4.13 0.00	56.03 3.73 0.00
HUDSON___115KV_TB 4 355613	38.32 1.35 0.00	27.19 1.12 0.00	22.79 0.97 0.00	24.14 0.98 0.00	26.37 1.08 0.00	31.10 1.28 0.00	37.01 1.47 0.00	41.88 1.68 0.00	41.83 1.37 0.00	45.37 1.27 0.00	47.78 1.39 0.00	47.06 1.36 0.00	43.84 1.40 0.00	51.15 1.61 0.00	54.81 1.84 0.00	51.23 1.64 0.00	51.36 1.56 0.00	56.33 1.90 0.00	75.24 3.59 0.00	136.50 7.08 0.00	237.90 12.20 0.00	80.07 3.55 0.00	60.22 2.70 0.00	54.55 2.25 0.00
HUNTER MOUNT___DRP 323613	38.40 1.44 0.00	27.25 1.17 0.00	22.83 1.01 0.00	24.18 1.03 0.00	26.41 1.12 0.00	31.18 1.36 0.00	37.09 1.55 0.00	41.99 1.80 0.00	41.93 1.47 0.00	45.44 1.34 0.00	47.85 1.46 0.00	47.14 1.45 0.00	43.92 1.48 0.00	51.25 1.71 0.00	54.94 1.97 0.00	51.38 1.79 0.00	51.58 1.78 0.00	56.60 2.17 0.00	75.61 3.96 0.00	137.18 7.76 0.00	239.19 13.48 0.00	80.47 3.94 0.00	60.46 2.94 0.00	54.73 2.43 0.00
HUNTINGTON_RES_REC 323705	39.42 2.46 0.00	28.16 2.08 0.00	23.45 1.64 0.00	24.80 1.64 0.00	27.09 1.80 0.00	31.98 2.16 0.00	38.11 2.57 0.00	43.37 3.17 0.00	43.71 3.25 0.00	48.00 3.90 0.00	53.20 4.59 -2.22	53.94 4.19 -4.06	56.97 3.72 -10.82	63.12 4.59 -8.99	87.04 4.69 -29.38	98.97 4.49 -44.88	120.77 4.83 -66.14	87.01 5.52 -27.06	86.36 8.02 -6.69	141.84 12.42 0.00	243.17 17.47 0.00	81.73 5.21 0.00	61.25 3.73 0.00	55.90 3.60 0.00
HUNTLEY___63 23557	34.61 -2.36 0.00	23.23 -1.88 0.98	12.37 -1.58 7.87	12.36 -1.74 9.05	11.84 -2.02 11.44	15.27 -2.40 12.15	19.81 -2.34 13.40	23.21 -2.54 14.45	22.54 -2.56 15.37	25.97 -1.99 16.14	36.84 -2.20 7.35	27.59 -1.51 16.60	25.22 -1.31 15.92	30.43 -1.55 17.56	33.37 -2.31 17.29	29.90 -2.12 17.58	29.43 -2.49 17.88	32.72 -2.98 18.73	46.54 -3.02 22.08	89.62 -4.56 35.23	161.80 -8.71 55.18	48.66 -3.22 24.64	34.64 -2.46 20.42	32.07 -1.46 18.76
HUNTLEY___64 23558	34.61 -2.36 0.00	23.23 -1.88 0.98	12.37 -1.58 7.87	12.36 -1.74 9.05	11.84 -2.02 11.44	15.27 -2.40 12.15	19.81 -2.34 13.40	23.21 -2.54 14.45	22.54 -2.56 15.37	25.97 -1.99 16.14	36.84 -2.20 7.35	27.59 -1.51 16.60	25.22 -1.31 15.92	30.43 -1.55 17.56	33.37 -2.31 17.29	29.90 -2.12 17.58	29.43 -2.49 17.88	32.72 -2.98 18.73	46.54 -3.02 22.08	89.62 -4.56 35.23	161.80 -8.71 55.18	48.66 -3.22 24.64	34.64 -2.46 20.42	32.07 -1.46 18.76
HUNTLEY___65 23559	34.61 -2.36 0.00	23.23 -1.88 0.98	12.37 -1.58 7.87	12.36 -1.74 9.05	11.84 -2.02 11.44	15.27 -2.40 12.15	19.81 -2.34 13.40	23.21 -2.54 14.45	22.54 -2.56 15.37	25.97 -1.99 16.14	36.84 -2.20 7.35	27.59 -1.51 16.60	25.22 -1.31 15.92	30.43 -1.55 17.56	33.37 -2.31 17.29	29.90 -2.12 17.58	29.43 -2.49 17.88	32.72 -2.98 18.73	46.54 -3.02 22.08	89.62 -4.56 35.23	161.80 -8.71 55.18	48.66 -3.22 24.64	34.64 -2.46 20.42	32.07 -1.46 18.76
HUNTLEY___66 23560	34.61 -2.36 0.00	23.23 -1.88 0.98	12.37 -1.58 7.87	12.36 -1.74 9.05	11.84 -2.02 11.44	15.27 -2.40 12.15	19.81 -2.34 13.40	23.21 -2.54 14.45	22.54 -2.56 15.37	25.97 -1.99 16.14	36.84 -2.20 7.35	27.59 -1.51 16.60	25.22 -1.31 15.92	30.43 -1.55 17.56	33.37 -2.31 17.29	29.90 -2.12 17.58	29.43 -2.49 17.88	32.72 -2.98 18.73	46.54 -3.02 22.08	89.62 -4.56 35.23	161.80 -8.71 55.18	48.66 -3.22 24.64	34.64 -2.46 20.42	32.07 -1.46 18.76
HUNTLEY___67 23561	34.02 -2.95 0.00	22.69 -2.30 1.10	11.02 -1.97 8.82	10.85 -2.14 10.16	9.98 -2.48 12.83	13.18 -2.97 13.67	17.52 -3.05 14.97	20.66 -3.38 16.16	20.08 -3.42 16.96	23.35 -3.00 17.75	35.15 -3.20 8.04	24.99 -2.56 18.14	22.73 -2.30 17.41	27.41 -2.78 19.35	30.29 -3.61 19.07	26.82 -3.40 19.37	26.49 -3.73 19.58	29.60 -4.40 20.43	42.73 -4.90 24.02	82.95 -7.95 38.52	150.72 -14.56 60.42	44.35 -5.17 27.00	31.02 -3.96 22.54	28.73 -2.85 20.72

HUNTLEY___68 23562	34.02 -2.95 0.00	22.69 -2.30 1.10	11.02 -1.97 8.82	10.85 -2.14 10.16	9.98 -2.48 12.83	13.18 -2.97 13.67	17.52 -3.05 14.97	20.66 -3.38 16.16	20.08 -3.42 16.96	23.35 -3.00 17.75	35.15 -3.20 8.04	24.99 -2.56 18.14	22.73 -2.30 17.41	27.41 -2.78 19.35	30.29 -3.61 19.07	26.82 -3.40 19.37	26.49 -3.73 19.58	29.60 -4.40 20.43	42.73 -4.90 24.02	82.95 -7.95 38.52	150.72 -14.56 60.42	44.35 -5.17 27.00	31.02 -3.96 22.54	28.73 -2.85 20.72
HYLAND___LFGE 323620	37.26 0.29 0.00	29.27 -0.14 -3.34	48.47 -0.21 -26.86	53.78 -0.27 -30.90	64.00 -0.33 -39.04	71.14 -0.22 -41.55	80.75 0.32 -44.89	87.47 0.17 -47.10	88.49 -0.97 -49.00	94.75 -0.64 -51.29	68.82 -0.86 -23.29	97.72 -0.55 -52.57	92.96 -0.64 -51.15	104.96 -1.86 -57.28	104.81 -4.47 -56.31	101.98 -4.14 -56.52	102.84 -4.22 -57.26	113.05 -4.37 -62.98	144.22 -4.78 -77.35	239.33 -5.29 -115.21	395.90 -7.00 -177.20	154.98 -1.16 -79.62	126.61 3.09 -65.99	114.02 1.72 -60.00
INDECK___CORINTH 23802	39.03 2.06 0.00	27.76 1.68 0.00	23.22 1.40 0.00	24.59 1.44 0.00	26.89 1.60 0.00	31.77 1.95 0.00	37.82 2.28 0.00	42.79 2.60 0.00	42.85 2.39 0.00	46.21 2.11 0.00	48.55 2.15 0.00	47.78 2.08 0.00	44.18 1.74 0.00	51.31 1.77 0.00	54.61 1.64 0.00	50.80 1.21 0.00	50.79 0.99 0.00	55.79 1.37 0.00	74.72 3.06 0.00	135.94 6.52 0.00	237.27 11.57 0.00	79.94 3.41 0.00	60.46 2.94 0.00	54.75 2.45 0.00
INDECK___ILION 23567	39.02 2.05 0.00	27.80 1.72 0.00	23.17 1.35 0.00	24.33 1.18 0.00	26.62 1.33 0.00	31.27 1.46 0.00	37.21 1.67 0.00	42.20 2.00 0.00	42.06 1.60 0.00	45.13 1.03 0.00	47.17 0.78 0.00	46.47 0.77 0.00	43.51 0.93 -0.14	51.13 1.14 -0.45	57.91 1.46 -3.47	52.60 1.27 -1.74	50.93 1.13 0.00	56.26 1.83 0.00	76.53 4.88 0.00	140.55 11.13 0.00	244.94 19.24 0.00	81.36 4.84 0.00	61.35 3.83 0.00	55.33 3.03 0.00
INDECK___OLEAN 23982	34.76 -2.20 0.00	23.88 -1.86 0.34	17.60 -1.48 2.73	18.41 -1.60 3.14	19.50 -1.82 3.97	23.50 -2.18 4.13	29.86 -2.14 3.54	33.27 -2.06 4.87	24.84 -1.82 13.79	28.29 -1.35 14.46	38.09 -1.73 6.58	29.71 -1.15 14.84	27.30 -0.84 14.30	32.76 -0.93 15.84	36.18 -1.22 15.57	32.48 -1.35 15.76	32.40 -1.41 15.98	35.81 -1.73 16.89	50.02 -1.54 20.09	95.76 -2.06 31.60	171.43 -4.87 49.40	52.20 -2.25 22.07	37.01 -2.13 18.37	33.88 -1.53 16.89
INDECK___OSWEGO 23783	36.04 -0.92 0.00	25.46 -0.62 0.00	21.28 -0.54 0.00	22.55 -0.60 0.00	24.64 -0.66 0.00	29.05 -0.77 0.00	34.71 -0.84 0.00	39.24 -0.96 0.00	39.40 -1.05 0.00	42.95 -1.16 0.00	45.18 -1.21 0.00	44.51 -1.19 0.00	42.12 -1.21 -0.88	57.31 -1.34 -9.11	60.88 -1.47 -9.38	56.87 -1.38 -8.65	58.25 -1.30 -9.74	65.01 -1.28 -11.87	90.36 -1.29 -20.00	155.30 -1.82 -27.70	260.64 -3.61 -38.54	99.87 -1.48 -24.82	69.12 -1.35 -12.95	51.61 -1.22 -0.52
INDECK___YERKES 23781	34.64 -2.33 0.00	23.25 -1.85 0.98	12.41 -1.54 7.87	12.40 -1.70 9.05	11.91 -1.95 11.44	15.33 -2.34 12.15	19.89 -2.25 13.40	23.39 -2.36 14.45	22.72 -2.37 15.37	26.13 -1.83 16.14	36.95 -2.09 7.35	27.73 -1.37 16.60	25.34 -1.18 15.92	30.47 -1.51 17.56	33.41 -2.27 17.29	29.94 -2.08 17.58	29.55 -2.37 17.88	32.94 -2.77 18.73	46.63 -2.94 22.08	90.30 -3.89 35.23	163.06 -7.46 55.18	48.92 -2.96 24.64	34.94 -2.16 20.42	32.23 -1.30 18.76
INDIAN POINT_GT_1 24139	39.03 2.06 0.00	27.74 1.66 0.00	23.20 1.38 0.00	24.49 1.34 0.00	26.73 1.44 0.00	31.52 1.70 0.00	37.62 2.08 0.00	43.03 2.83 0.00	43.40 2.94 0.00	47.52 3.42 0.00	49.74 3.76 0.42	48.88 3.85 0.67	44.38 3.74 1.80	53.52 4.62 0.64	68.37 5.04 -10.37	51.24 4.60 2.95	75.71 4.69 -21.22	69.02 5.12 -9.48	86.80 7.33 -7.82	141.09 11.67 0.00	243.22 17.52 0.00	81.88 5.35 0.00	61.36 3.84 0.00	55.78 3.48 0.00
INDIAN POINT_GT_2 23659	39.03 2.06 0.00	27.74 1.66 0.00	23.20 1.38 0.00	24.49 1.34 0.00	26.73 1.44 0.00	31.52 1.70 0.00	37.62 2.08 0.00	43.03 2.83 0.00	43.40 2.94 0.00	47.52 3.42 0.00	49.74 3.76 0.42	48.88 3.85 0.67	44.38 3.74 1.80	53.52 4.62 0.64	68.37 5.04 -10.37	51.24 4.60 2.95	75.71 4.69 -21.22	69.02 5.12 -9.48	86.80 7.33 -7.82	141.09 11.67 0.00	243.22 17.52 0.00	81.88 5.35 0.00	61.36 3.84 0.00	55.78 3.48 0.00
INDIAN POINT_GT_3 24019	39.03 2.06 0.00	27.74 1.66 0.00	23.20 1.38 0.00	24.49 1.34 0.00	26.73 1.44 0.00	31.52 1.70 0.00	37.62 2.08 0.00	43.03 2.83 0.00	43.40 2.94 0.00	47.52 3.42 0.00	49.74 3.76 0.42	48.88 3.85 0.67	44.38 3.74 1.80	53.52 4.62 0.64	68.37 5.04 -10.37	51.24 4.60 2.95	75.71 4.69 -21.22	69.02 5.12 -9.48	86.80 7.33 -7.82	141.09 11.67 0.00	243.22 17.52 0.00	81.88 5.35 0.00	61.36 3.84 0.00	55.78 3.48 0.00
INDIAN POINT___2 23530	39.01 2.04 0.00	27.72 1.64 0.00	23.17 1.36 0.00	24.48 1.32 0.00	26.70 1.41 0.00	31.48 1.67 0.00	37.59 2.05 0.00	43.00 2.80 0.00	43.35 2.90 0.00	47.49 3.39 0.00	49.86 3.73 0.26	49.38 3.82 0.14	45.78 3.70 0.36	54.74 4.60 -0.60	72.99 5.00 -15.02	57.40 4.57 -3.24	86.21 4.65 -31.76	73.38 5.07 -13.88	88.07 7.27 -9.15	140.99 11.57 0.00	243.03 17.33 0.00	81.81 5.29 0.00	61.30 3.78 0.00	55.73 3.43 0.00
INDIAN POINT___3 23531	39.00 2.03 0.00	27.72 1.64 0.00	23.18 1.36 0.00	24.48 1.33 0.00	26.71 1.42 0.00	31.50 1.68 0.00	37.61 2.06 0.00	43.00 2.80 0.00	43.36 2.91 0.00	47.48 3.38 0.00	49.66 3.71 0.45	48.60 3.80 0.90	43.72 3.69 2.41	52.99 4.56 1.11	67.39 4.96 -9.45	48.81 4.51 5.30	73.39 4.60 -18.99	68.03 5.01 -8.59	86.72 7.19 -7.89	140.85 11.44 0.00	242.82 17.12 0.00	81.74 5.21 0.00	61.28 3.76 0.00	55.70 3.40 0.00
INDIANHDD_69_KV_BK1 55831	39.52 2.55 0.00	28.23 2.15 0.00	23.52 1.70 0.00	24.87 1.71 0.00	27.17 1.88 0.00	32.08 2.26 0.00	38.24 2.69 0.00	43.49 3.29 0.00	43.83 3.37 0.00	48.12 4.02 0.00	53.34 4.72 -2.22	54.06 4.31 -4.06	57.09 3.83 -10.82	63.25 4.73 -8.99	87.16 4.81 -29.38	99.06 4.59 -44.88	120.91 4.99 -66.13	87.17 5.69 -27.05	86.58 8.25 -6.69	142.30 12.88 0.00	243.85 18.15 0.00	81.97 5.44 0.00	61.43 3.91 0.00	56.06 3.76 0.00
INGHAM_C_115KV_TB7 356103	39.02 2.05 0.00	27.80 1.72 0.00	23.17 1.35 0.00	24.33 1.18 0.00	26.62 1.33 0.00	31.27 1.46 0.00	37.21 1.67 0.00	42.20 2.00 0.00	42.06 1.60 0.00	45.13 1.03 0.00	47.17 0.78 0.00	46.47 0.77 0.00	43.51 0.93 -0.14	51.13 1.14 -0.45	57.91 1.46 -3.47	52.60 1.27 -1.74	50.93 1.13 0.00	56.26 1.83 0.00	76.53 4.88 0.00	140.55 11.13 0.00	244.94 19.24 0.00	81.36 4.84 0.00	61.35 3.83 0.00	55.33 3.03 0.00
IP CORINTH___1 23988	39.03 2.06 0.00	27.76 1.68 0.00	23.22 1.40 0.00	24.59 1.44 0.00	26.89 1.60 0.00	31.77 1.95 0.00	37.82 2.27 0.00	42.79 2.60 0.00	42.85 2.39 0.00	46.22 2.12 0.00	48.55 2.16 0.00	47.78 2.08 0.00	44.23 1.79 0.00	51.42 1.89 0.00	54.81 1.84 0.00	51.06 1.46 0.00	51.07 1.27 0.00	56.10 1.67 0.00	75.12 3.47 0.00	136.68 7.27 0.00	238.55 12.85 0.00	80.36 3.83 0.00	60.77 3.25 0.00	55.02 2.72 0.00

IP___TICONDEROGA 23804	40.07 3.10 0.00	28.77 2.70 0.00	24.08 2.26 0.00	25.46 2.31 0.00	27.83 2.54 0.00	33.05 3.23 0.00	40.09 4.55 0.00	45.30 5.10 0.00	45.04 4.59 0.00	48.04 3.93 0.00	49.89 3.49 0.00	48.75 3.05 0.00	44.75 2.31 0.00	52.00 2.46 0.00	55.76 2.79 0.00	52.15 2.56 0.00	51.84 2.04 0.00	56.97 2.54 0.00	76.73 5.08 0.00	140.86 11.44 0.00	248.26 22.56 0.00	83.36 6.84 0.00	63.76 6.24 0.00	57.67 5.37 0.00
ISLIP_RES_REC 323679	39.66 2.69 0.00	28.38 2.30 0.00	23.62 1.81 0.00	25.00 1.84 0.00	27.34 2.04 0.00	32.29 2.47 0.00	38.53 2.98 0.00	43.77 3.58 0.00	44.08 3.63 0.00	48.42 4.32 0.00	53.65 5.03 -2.22	54.31 4.55 -4.06	57.31 4.05 -10.82	63.46 4.93 -8.99	87.37 5.03 -29.38	99.26 4.78 -44.88	121.13 5.16 -66.17	87.40 5.88 -27.08	86.96 8.63 -6.69	142.98 13.57 0.00	245.02 19.31 0.00	82.35 5.83 0.00	61.70 4.19 0.00	56.31 4.01 0.00
JAMAICA__27_KV_LOAD 355505	39.37 2.41 0.00	28.11 2.03 0.00	23.38 1.56 0.00	24.64 1.48 0.00	26.91 1.62 0.00	31.73 1.91 0.00	37.81 2.27 0.00	43.31 3.11 0.00	43.84 3.39 0.00	48.06 3.96 0.00	53.00 4.18 -2.43	54.46 4.22 -4.54	58.62 4.08 -12.10	64.66 5.06 -10.07	90.06 5.55 -31.54	104.64 5.06 -49.99	127.49 5.08 -72.60	90.14 5.66 -30.05	86.36 8.00 -6.71	142.07 12.66 0.00	244.97 19.27 0.00	82.43 5.90 0.00	61.85 4.33 0.00	56.23 3.93 0.00
JANIS___SOLAR 323808	38.11 1.14 0.00	26.93 0.64 -0.21	23.90 0.46 -1.64	25.44 0.42 -1.87	28.10 0.44 -2.37	32.89 0.56 -2.52	39.17 0.88 -2.75	43.93 0.82 -2.91	43.93 0.22 -3.25	47.58 0.07 -3.40	47.70 -0.25 -1.55	48.85 -0.31 -3.46	45.65 -0.06 -3.27	54.88 0.24 -5.10	58.58 0.16 -5.45	55.37 0.36 -5.41	55.75 0.46 -5.50	61.67 0.94 -6.31	83.07 2.67 -8.75	149.44 7.47 -12.55	257.25 12.90 -18.64	89.55 3.33 -9.69	66.18 1.96 -6.70	57.93 1.48 -4.14
JARVIS____ 23743	37.15 0.19 0.00	26.26 0.18 0.00	21.96 0.15 0.00	23.29 0.13 0.00	25.44 0.15 0.00	29.98 0.16 0.00	35.71 0.17 0.00	40.44 0.24 0.00	40.64 0.18 0.00	44.28 0.18 0.00	46.58 0.19 0.00	45.88 0.18 0.00	42.77 0.19 -0.14	50.23 0.24 -0.45	56.71 0.27 -3.47	51.58 0.25 -1.74	49.99 0.20 0.00	54.67 0.24 0.00	72.22 0.57 0.00	130.52 1.10 0.00	227.31 1.61 0.00	76.91 0.38 0.00	57.83 0.31 0.00	52.58 0.29 0.00
JENNISON___1 23625	38.22 1.26 0.00	26.71 0.63 0.00	22.25 0.43 0.00	23.58 0.43 0.00	25.76 0.47 0.00	30.46 0.65 0.00	36.58 1.04 0.00	41.43 1.23 0.00	41.51 1.05 0.00	45.38 1.28 0.00	47.57 1.17 0.00	46.79 1.09 0.00	43.80 1.25 -0.11	52.12 1.67 -0.91	53.03 1.78 1.72	51.38 1.57 -0.21	46.19 1.66 5.27	54.97 1.88 1.33	76.22 3.85 -0.72	140.30 7.62 -3.25	241.81 11.65 -4.45	82.09 2.69 -2.87	60.70 1.68 -1.50	53.51 1.14 -0.06
JENNISON___2 23626	38.22 1.26 0.00	26.71 0.63 0.00	22.25 0.43 0.00	23.58 0.43 0.00	25.76 0.47 0.00	30.46 0.65 0.00	36.58 1.04 0.00	41.43 1.23 0.00	41.51 1.05 0.00	45.38 1.28 0.00	47.57 1.17 0.00	46.79 1.09 0.00	43.80 1.25 -0.11	52.12 1.67 -0.91	53.03 1.78 1.72	51.38 1.57 -0.21	46.19 1.66 5.27	54.97 1.88 1.33	76.22 3.85 -0.72	140.30 7.62 -3.25	241.81 11.65 -4.45	82.09 2.69 -2.87	60.70 1.68 -1.50	53.51 1.14 -0.06
JERICHO_RISE_WT_PWR 323719	36.38 -0.59 0.00	25.59 -0.49 0.00	21.34 -0.47 0.00	22.61 -0.54 0.00	24.68 -0.61 0.00	29.17 -0.65 0.00	34.80 -0.75 0.00	38.74 -1.46 0.00	39.80 -0.66 0.00	43.20 -0.91 0.00	45.42 -0.98 0.00	44.55 -1.15 0.00	41.21 -1.00 0.23	47.44 -1.34 0.75	45.75 -1.41 5.81	45.57 -1.11 2.91	48.84 -0.96 0.00	53.20 -1.23 0.00	69.48 -2.70 -0.52	124.94 -4.47 0.00	219.41 -6.29 0.00	74.71 -1.82 0.00	56.20 -1.32 0.00	50.85 -1.45 0.00
KATONAH___115KV_46KV_TB4 355592	39.18 2.21 0.00	27.85 1.77 0.00	23.28 1.47 0.00	24.58 1.43 0.00	26.83 1.54 0.00	31.65 1.83 0.00	37.76 2.22 0.00	43.16 2.96 0.00	43.58 3.12 0.00	47.70 3.59 0.00	50.37 3.98 0.00	49.78 4.08 0.00	46.42 3.98 0.00	54.90 4.92 -0.45	66.23 5.35 -7.91	56.88 4.93 -2.35	71.64 5.03 -16.81	67.25 5.49 -7.32	84.11 7.83 -4.63	141.93 12.52 0.00	244.68 18.97 0.00	82.31 5.79 0.00	61.67 4.16 0.00	56.01 3.71 0.00
KCE_NY_1 323755	38.76 1.79 0.00	27.50 1.42 0.00	23.01 1.20 0.00	24.40 1.25 0.00	26.66 1.37 0.00	31.46 1.65 0.00	37.50 1.96 0.00	42.43 2.23 0.00	42.48 2.02 0.00	45.95 1.85 0.00	48.36 1.96 0.00	47.64 1.94 0.00	44.25 1.81 0.00	51.66 2.13 0.00	55.30 2.33 0.00	51.65 2.05 0.00	51.77 1.97 0.00	56.77 2.34 0.00	75.72 4.07 0.00	137.26 7.84 0.00	239.41 13.71 0.00	80.57 4.04 0.00	60.75 3.23 0.00	55.07 2.78 0.00
KCE_NY_6_ESR 323823	34.36 -2.61 0.00	22.85 -2.10 1.13	10.95 -1.77 9.09	10.74 -1.95 10.46	9.82 -2.25 13.22	13.05 -2.70 14.07	17.34 -2.69 15.52	20.62 -2.85 16.73	19.65 -2.84 17.97	22.87 -2.38 18.84	35.18 -2.64 8.57	24.44 -1.91 19.34	22.16 -1.70 18.58	26.83 -2.14 20.57	29.86 -2.87 20.24	26.40 -2.65 20.54	26.06 -2.90 20.84	29.23 -3.31 21.89	42.09 -3.68 25.87	83.07 -5.26 41.09	151.45 -9.95 64.30	43.95 -3.85 28.72	30.57 -3.06 23.89	28.10 -2.24 21.96
KEDC_PORT_JEFF_GT2 24210	39.50 2.53 0.00	28.26 2.18 0.00	23.53 1.71 0.00	24.90 1.75 0.00	27.21 1.92 0.00	32.13 2.31 0.00	38.32 2.78 0.00	43.54 3.35 0.00	43.85 3.39 0.00	48.15 4.05 0.00	53.36 4.75 -2.22	54.02 4.26 -4.06	57.03 3.77 -10.82	63.03 4.51 -8.98	86.66 4.32 -29.38	98.57 4.11 -44.87	120.43 4.54 -66.09	86.52 5.07 -27.02	85.87 7.54 -6.69	141.08 11.66 0.00	241.86 16.16 0.00	81.33 4.80 0.00	61.19 3.67 0.00	55.92 3.62 0.00
KEDC_PORT_JEFF_GT3 24211	39.50 2.53 0.00	28.26 2.18 0.00	23.53 1.71 0.00	24.90 1.75 0.00	27.21 1.92 0.00	32.13 2.31 0.00	38.32 2.78 0.00	43.54 3.35 0.00	43.85 3.39 0.00	48.15 4.05 0.00	53.36 4.75 -2.22	54.02 4.26 -4.06	57.03 3.77 -10.82	63.03 4.51 -8.98	86.66 4.32 -29.38	98.57 4.11 -44.87	120.43 4.54 -66.09	86.52 5.07 -27.02	85.87 7.54 -6.69	141.08 11.66 0.00	241.86 16.16 0.00	81.33 4.80 0.00	61.19 3.67 0.00	55.92 3.62 0.00
KEDC_GLWD_GT4 24219	39.52 2.55 0.00	28.13 2.05 0.00	23.48 1.66 0.00	24.79 1.63 0.00	27.06 1.77 0.00	31.92 2.10 0.00	38.07 2.53 0.00	43.49 3.29 0.00	43.91 3.46 0.00	48.19 4.09 0.00	53.26 4.64 -2.22	54.34 4.59 -4.06	57.61 4.35 -10.82	63.90 5.18 -9.17	87.79 5.44 -29.38	100.04 5.12 -45.33	124.25 5.25 -69.20	89.57 5.84 -29.30	86.56 8.21 -6.70	142.31 12.89 0.00	244.78 19.08 0.00	82.34 5.81 0.00	61.67 4.15 0.00	56.42 4.12 0.00
KEDC_GLWD_GT5 24220	39.52 2.55 0.00	28.13 2.05 0.00	23.48 1.66 0.00	24.79 1.63 0.00	27.06 1.77 0.00	31.92 2.10 0.00	38.07 2.53 0.00	43.49 3.29 0.00	43.91 3.46 0.00	48.19 4.09 0.00	53.26 4.64 -2.22	54.34 4.59 -4.06	57.61 4.35 -10.82	63.90 5.18 -9.17	87.79 5.44 -29.38	100.04 5.12 -45.33	124.25 5.25 -69.20	89.57 5.84 -29.30	86.56 8.21 -6.70	142.31 12.89 0.00	244.78 19.08 0.00	82.34 5.81 0.00	61.67 4.15 0.00	56.42 4.12 0.00

KENSICO____ 23655	39.13 2.16 0.00	27.84 1.76 0.00	23.27 1.45 0.00	24.57 1.41 0.00	26.81 1.52 0.00	31.62 1.80 0.00	37.73 2.19 0.00	43.16 2.96 0.00	43.56 3.10 0.00	47.70 3.60 0.00	49.77 3.96 0.58	48.78 4.04 0.97	43.76 3.91 2.58	53.01 4.81 1.33	65.79 5.21 -7.60	47.95 4.77 6.42	69.65 4.86 -14.98	66.59 5.30 -6.86	86.17 7.55 -6.97	141.42 12.00 0.00	243.75 18.05 0.00	82.08 5.55 0.00	61.53 4.01 0.00	55.92 3.62 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.30 2.33 0.00	27.87 1.79 0.00	23.29 1.48 0.00	24.61 1.46 0.00	26.86 1.57 0.00	31.70 1.88 0.00	37.85 2.31 0.00	43.27 3.07 0.00	43.55 3.10 0.00	47.54 3.44 0.00	50.12 3.72 0.00	49.44 3.74 0.00	46.13 3.68 0.00	54.48 4.71 -0.24	61.89 4.73 -4.19	55.21 4.37 -1.24	63.42 4.71 -8.91	63.63 5.32 -3.88	81.94 7.84 -2.46	142.39 12.97 0.00	245.61 19.91 0.00	82.63 6.10 0.00	62.23 4.71 0.00	56.44 4.14 0.00
KIAC_JFK_GT1 23816	39.15 2.19 0.00	27.96 1.88 0.00	23.26 1.44 0.00	24.51 1.35 0.00	26.76 1.47 0.00	31.57 1.75 0.00	37.59 2.05 0.00	43.05 2.85 0.00	43.58 3.12 0.00	47.78 3.68 0.00	52.73 3.90 -2.43	54.20 3.96 -4.54	58.33 3.78 -12.10	64.20 4.60 -10.07	89.56 5.05 -31.54	104.16 4.58 -49.99	126.99 4.59 -72.60	89.59 5.11 -30.05	85.66 7.30 -6.71	140.78 11.36 0.00	242.66 16.95 0.00	81.69 5.17 0.00	61.45 3.93 0.00	55.90 3.60 0.00
KIAC_JFK_GT2 23817	39.15 2.19 0.00	27.96 1.88 0.00	23.26 1.44 0.00	24.51 1.35 0.00	26.76 1.47 0.00	31.57 1.75 0.00	37.59 2.05 0.00	43.05 2.85 0.00	43.58 3.12 0.00	47.78 3.68 0.00	52.73 3.90 -2.43	54.20 3.96 -4.54	58.33 3.78 -12.10	64.20 4.60 -10.07	89.56 5.05 -31.54	104.16 4.58 -49.99	126.99 4.59 -72.60	89.59 5.11 -30.05	85.66 7.30 -6.71	140.78 11.36 0.00	242.66 16.95 0.00	81.69 5.17 0.00	61.45 3.93 0.00	55.90 3.60 0.00
KIAC_JFK____ 323774	39.15 2.19 0.00	27.96 1.88 0.00	23.25 1.44 0.00	24.50 1.35 0.00	26.76 1.47 0.00	31.55 1.73 0.00	37.58 2.04 0.00	43.04 2.84 0.00	43.56 3.11 0.00	47.78 3.68 0.00	52.67 3.85 -2.43	54.15 3.91 -4.54	58.26 3.72 -12.10	64.20 4.59 -10.07	89.56 5.05 -31.54	104.16 4.57 -49.99	126.96 4.55 -72.60	89.53 5.05 -30.05	85.67 7.31 -6.71	140.77 11.35 0.00	242.66 16.96 0.00	81.67 5.15 0.00	61.45 3.93 0.00	55.88 3.58 0.00
KINTIGH_24_KV_GSU 356498	34.44 -2.52 0.00	23.50 -1.96 0.62	15.12 -1.68 5.03	15.54 -1.83 5.78	15.88 -2.10 7.31	19.49 -2.53 7.80	24.47 -2.53 8.54	27.93 -2.82 9.45	27.53 -2.94 9.99	31.06 -2.61 10.43	38.89 -2.78 4.72	32.86 -2.20 10.64	30.30 -1.98 10.17	35.71 -2.50 11.33	38.59 -3.21 11.17	35.17 -3.02 11.39	35.10 -3.19 11.52	37.60 -3.62 13.20	50.67 -4.12 16.86	99.84 -6.19 23.38	178.70 -11.58 35.42	56.42 -4.27 15.83	40.94 -3.32 13.27	37.71 -2.39 12.20
KINTIGH____ 23543	34.42 -2.55 0.00	23.49 -1.96 0.62	15.08 -1.71 5.03	15.51 -1.86 5.78	15.83 -2.15 7.31	19.46 -2.56 7.80	24.40 -2.60 8.54	27.83 -2.91 9.45	27.39 -3.08 9.99	30.96 -2.72 10.43	38.82 -2.85 4.72	32.75 -2.31 10.64	30.20 -2.08 10.17	35.70 -2.51 11.33	38.59 -3.21 11.17	35.16 -3.04 11.39	35.01 -3.27 11.52	37.41 -3.81 13.20	50.62 -4.16 16.86	99.28 -6.75 23.38	177.71 -12.57 35.42	56.23 -4.46 15.83	40.77 -3.48 13.27	37.60 -2.50 12.20
KNTFSRNC_46_KV_46KV_LOAD 80397	36.85 -0.11 0.00	25.92 -0.16 0.00	21.60 -0.21 0.00	22.89 -0.27 0.00	24.99 -0.30 0.00	29.55 -0.26 0.00	35.29 -0.26 0.00	39.27 -0.93 0.00	40.18 -0.27 0.00	43.68 -0.42 0.00	45.86 -0.54 0.00	44.94 -0.76 0.00	41.55 -0.70 0.18	47.91 -1.02 0.60	47.19 -1.12 4.66	46.47 -0.79 2.33	49.19 -0.61 0.00	53.73 -0.70 0.00	70.42 -1.84 -0.60	126.84 -2.58 0.00	222.77 -2.93 0.00	75.67 -0.85 0.00	56.98 -0.54 0.00	51.47 -0.82 0.00
LACHUTE____HYDRO 323717	40.07 3.10 0.00	28.77 2.70 0.00	24.08 2.26 0.00	25.46 2.31 0.00	27.83 2.54 0.00	33.05 3.23 0.00	40.10 4.55 0.00	45.31 5.12 0.00	45.04 4.59 0.00	48.04 3.93 0.00	49.89 3.49 0.00	48.75 3.05 0.00	44.75 2.31 0.00	52.00 2.46 0.00	55.74 2.77 0.00	52.15 2.56 0.00	51.83 2.03 0.00	56.97 2.54 0.00	76.73 5.08 0.00	140.86 11.44 0.00	248.31 22.61 0.00	83.36 6.84 0.00	63.75 6.23 0.00	57.67 5.37 0.00
LAWRNCV_115KV_TB1 80681	36.01 -0.95 0.00	25.33 -0.75 0.00	21.12 -0.69 0.00	22.39 -0.76 0.00	24.42 -0.87 0.00	28.81 -1.01 0.00	34.16 -1.38 0.00	37.93 -2.26 0.00	38.35 -2.10 0.00	41.60 -2.50 0.00	43.49 -2.91 0.00	42.60 -3.10 0.00	38.98 -2.78 0.68	43.76 -3.56 2.22	32.06 -3.77 17.14	37.74 -3.26 8.59	46.71 -3.09 0.00	51.09 -3.34 0.00	66.10 -4.95 0.60	121.76 -7.65 0.00	215.15 -10.55 0.00	73.29 -3.23 0.00	54.78 -2.74 0.00	49.91 -2.39 0.00
LEDERLE____ 23769	39.24 2.27 0.00	27.85 1.77 0.00	23.28 1.47 0.00	24.59 1.44 0.00	26.83 1.54 0.00	31.63 1.82 0.00	37.80 2.26 0.00	43.25 3.06 0.00	43.61 3.16 0.00	47.79 3.69 0.00	50.15 4.07 0.32	49.37 4.18 0.51	45.16 4.07 1.35	54.83 5.06 -0.23	78.86 5.52 -20.37	56.14 5.04 -1.50	97.66 5.17 -42.69	78.80 5.60 -18.77	92.88 7.98 -13.25	142.21 12.80 0.00	245.07 19.37 0.00	82.46 5.93 0.00	61.73 4.21 0.00	56.09 3.79 0.00
LIGHTHSE_115KV_TB6 355974	36.33 -0.63 0.00	25.59 -0.49 0.00	21.37 -0.44 0.00	22.62 -0.53 0.00	24.69 -0.60 0.00	29.07 -0.75 0.00	34.80 -0.75 0.00	38.99 -1.21 0.00	38.94 -1.51 0.00	42.41 -1.69 0.00	44.44 -1.95 0.00	43.75 -1.95 0.00	40.47 -1.77 0.21	48.80 -2.06 -1.33	41.44 -2.10 9.43	44.23 -1.91 3.46	51.26 -1.67 -3.13	56.80 -1.44 -3.82	76.90 -1.13 -6.38	137.73 -0.59 -8.91	237.78 -0.32 -12.40	84.08 -0.43 -7.98	60.76 -0.92 -4.17	51.49 -0.97 -0.17
LINDEN COGEN____ 23786	39.21 2.24 0.00	27.93 1.85 0.00	23.32 1.51 0.00	24.60 1.45 0.00	26.86 1.57 0.00	31.65 1.83 0.00	37.76 2.22 0.00	43.26 3.06 0.00	43.70 3.24 0.00	47.91 3.81 0.00	53.02 4.15 -2.48	54.58 4.24 -4.64	58.90 4.08 -12.39	64.87 5.05 -10.29	90.54 5.55 -32.01	105.75 5.04 -51.11	128.64 5.09 -73.75	90.50 5.56 -30.51	86.28 7.92 -6.71	141.80 12.38 0.00	244.02 18.32 0.00	82.26 5.73 0.00	61.58 4.06 0.00	55.98 3.68 0.00
LINDHRST_69_KV_BK1 356055	39.91 2.94 0.00	28.43 2.35 0.00	23.70 1.89 0.00	25.03 1.88 0.00	27.35 2.06 0.00	32.28 2.47 0.00	38.51 2.97 0.00	43.89 3.70 0.00	44.27 3.82 0.00	48.58 4.48 0.00	53.82 5.20 -2.22	54.65 4.89 -4.06	57.72 4.45 -10.82	64.00 5.39 -9.07	87.95 5.61 -29.38	100.04 5.38 -45.07	122.90 5.67 -67.43	88.94 6.55 -27.96	87.65 9.32 -6.69	144.26 14.84 0.00	247.79 22.09 0.00	83.41 6.88 0.00	62.48 4.96 0.00	56.92 4.62 0.00
LIPA_MISC_IPP 23656	39.30 2.34 0.00	28.20 2.12 0.00	23.48 1.66 0.00	24.88 1.72 0.00	27.20 1.91 0.00	32.13 2.31 0.00	38.33 2.79 0.00	43.46 3.26 0.00	43.71 3.25 0.00	48.00 3.90 0.00	53.17 4.55 -2.22	53.74 3.99 -4.06	56.76 3.50 -10.82	62.90 4.38 -8.98	86.84 4.50 -29.38	98.71 4.25 -44.87	120.40 4.55 -66.05	86.58 5.15 -26.99	86.12 7.79 -6.69	141.47 12.05 0.00	242.16 16.46 0.00	81.53 5.00 0.00	61.07 3.55 0.00	55.77 3.47 0.00

LISF___SOLAR 323691	39.37 2.41 0.00	28.25 2.17 0.00	23.51 1.70 0.00	24.92 1.77 0.00	27.24 1.95 0.00	32.19 2.37 0.00	38.39 2.85 0.00	43.53 3.33 0.00	43.77 3.31 0.00	48.06 3.96 0.00	53.22 4.60 -2.22	53.78 4.03 -4.06	56.79 3.53 -10.82	62.93 4.41 -8.98	86.91 4.57 -29.38	98.78 4.31 -44.87	120.50 4.64 -66.06	86.68 5.25 -27.00	86.31 7.97 -6.69	141.77 12.36 0.00	242.78 17.08 0.00	81.71 5.18 0.00	61.18 3.66 0.00	55.85 3.55 0.00
LITTLE FALLS___HYD 24013	39.02 2.05 0.00	27.80 1.72 0.00	23.17 1.35 0.00	24.33 1.18 0.00	26.62 1.33 0.00	31.27 1.46 0.00	37.21 1.67 0.00	42.20 2.00 0.00	42.06 1.60 0.00	45.13 1.03 0.00	47.17 0.78 0.00	46.47 0.77 0.00	43.51 0.93 -0.14	51.13 1.14 -0.45	57.91 1.46 -3.47	52.60 1.27 -1.74	50.93 1.13 0.00	56.26 1.83 0.00	76.53 4.88 0.00	140.55 11.13 0.00	244.94 19.24 0.00	81.36 4.84 0.00	61.35 3.83 0.00	55.33 3.03 0.00
LITTLRIV_115KV_TB1 356100	36.37 -0.60 0.00	25.56 -0.52 0.00	21.31 -0.50 0.00	22.60 -0.55 0.00	24.64 -0.65 0.00	29.08 -0.73 0.00	34.49 -1.05 0.00	38.25 -1.94 0.00	38.59 -1.87 0.00	41.72 -2.38 0.00	43.50 -2.90 0.00	42.61 -3.09 0.00	38.91 -2.79 0.74	43.51 -3.59 2.43	30.38 -3.82 18.77	36.91 -3.28 9.41	46.68 -3.12 0.00	51.05 -3.38 0.00	66.11 -5.01 0.53	122.21 -7.21 0.00	217.27 -8.43 0.00	74.09 -2.43 0.00	55.33 -2.19 0.00	50.41 -1.89 0.00
LI_NEWBRDGE___DRP 323616	39.24 2.27 0.00	27.96 1.88 0.00	23.33 1.51 0.00	24.64 1.49 0.00	26.91 1.63 0.00	31.75 1.93 0.00	37.84 2.30 0.00	43.16 2.97 0.00	43.55 3.09 0.00	47.80 3.69 0.00	52.92 4.31 -2.22	53.78 4.03 -4.06	56.96 3.70 -10.82	63.03 4.55 -8.95	87.18 4.83 -29.38	98.94 4.57 -44.78	120.04 4.77 -65.47	86.43 5.44 -26.56	86.07 7.73 -6.68	141.40 11.99 0.00	242.96 17.26 0.00	81.80 5.28 0.00	61.27 3.76 0.00	55.88 3.58 0.00
LOCKPORT_115KV_TB60_63_64 80432	33.94 -3.02 0.00	22.94 -2.31 0.82	13.27 -1.90 6.64	13.44 -2.07 7.65	13.26 -2.37 9.66	16.75 -2.83 10.23	21.41 -2.87 11.27	24.81 -3.22 12.16	24.32 -3.37 12.76	27.70 -2.96 13.45	37.03 -3.23 6.14	29.35 -2.50 13.86	26.94 -2.24 13.26	32.20 -2.78 14.56	34.91 -3.71 14.36	31.50 -3.48 14.62	30.97 -3.90 14.93	34.23 -4.63 15.57	48.17 -5.18 18.30	91.87 -8.16 29.38	165.00 -14.62 46.09	50.83 -5.12 20.57	36.93 -3.64 16.95	34.32 -2.40 15.58
LOCKPORT___CC1 323769	33.92 -3.05 0.00	22.85 -2.34 0.88	12.77 -1.91 7.13	12.86 -2.09 8.20	12.55 -2.38 10.36	15.96 -2.87 10.99	20.57 -2.89 12.08	23.99 -3.18 13.03	23.56 -3.30 13.59	26.86 -2.93 14.30	36.63 -3.25 6.52	28.50 -2.48 14.72	26.12 -2.23 14.09	31.13 -2.90 15.51	33.87 -3.81 15.29	30.47 -3.56 15.56	30.04 -3.91 15.85	33.74 -4.53 16.16	47.76 -5.29 18.60	90.65 -7.81 30.95	162.76 -14.00 48.95	49.58 -5.09 21.85	35.93 -3.53 18.06	33.25 -2.45 16.59
LOCKPORT___CC2 323770	33.92 -3.05 0.00	22.85 -2.34 0.88	12.77 -1.91 7.13	12.86 -2.09 8.20	12.55 -2.38 10.36	15.96 -2.87 10.99	20.57 -2.89 12.08	23.99 -3.18 13.03	23.56 -3.30 13.59	26.86 -2.93 14.30	36.63 -3.25 6.52	28.50 -2.48 14.72	26.12 -2.23 14.09	31.13 -2.90 15.51	33.87 -3.81 15.29	30.47 -3.56 15.56	30.04 -3.91 15.85	33.74 -4.53 16.16	47.76 -5.29 18.60	90.65 -7.81 30.95	162.76 -14.00 48.95	49.58 -5.09 21.85	35.93 -3.53 18.06	33.25 -2.45 16.59
LOCKPORT___CC3 323771	33.92 -3.05 0.00	22.85 -2.34 0.88	12.77 -1.91 7.13	12.86 -2.09 8.20	12.55 -2.38 10.36	15.96 -2.87 10.99	20.57 -2.89 12.08	23.99 -3.18 13.03	23.56 -3.30 13.59	26.86 -2.93 14.30	36.63 -3.25 6.52	28.50 -2.48 14.72	26.12 -2.23 14.09	31.13 -2.90 15.51	33.87 -3.81 15.29	30.47 -3.56 15.56	30.04 -3.91 15.85	33.74 -4.53 16.16	47.76 -5.29 18.60	90.65 -7.81 30.95	162.76 -14.00 48.95	49.58 -5.09 21.85	35.93 -3.53 18.06	33.25 -2.45 16.59
LOCUSVLY_69_KV_BK2 55797	39.64 2.68 0.00	28.22 2.14 0.00	23.54 1.73 0.00	24.86 1.71 0.00	27.15 1.86 0.00	32.01 2.20 0.00	38.18 2.64 0.00	43.59 3.40 0.00	44.02 3.56 0.00	48.33 4.23 0.00	53.48 4.87 -2.22	54.46 4.71 -4.06	57.68 4.42 -10.82	64.07 5.40 -9.13	88.07 5.72 -29.38	100.28 5.46 -45.23	123.93 5.65 -68.48	89.52 6.31 -28.78	87.14 8.80 -6.69	143.28 13.86 0.00	246.18 20.48 0.00	82.81 6.28 0.00	61.98 4.46 0.00	56.54 4.25 0.00
LONG_LAKE_PHOENIX 24014	35.97 -1.00 0.00	25.40 -0.68 0.00	21.22 -0.60 0.00	22.50 -0.65 0.00	24.57 -0.72 0.00	28.99 -0.83 0.00	34.64 -0.91 0.00	39.16 -1.04 0.00	39.31 -1.15 0.00	42.87 -1.24 0.00	45.09 -1.30 0.00	44.42 -1.28 0.00	41.77 -1.40 -0.61	54.57 -1.51 -6.43	57.79 -1.42 -6.33	54.15 -1.42 -5.98	55.38 -1.34 -6.92	61.56 -1.29 -8.43	84.65 -1.20 -14.20	147.49 -1.59 -19.67	249.89 -3.17 -27.36	92.76 -1.39 -17.62	65.41 -1.31 -9.19	51.44 -1.23 -0.37
LOVETT___3 23632	38.99 2.02 0.00	27.70 1.62 0.00	23.16 1.34 0.00	24.46 1.30 0.00	26.68 1.39 0.00	31.46 1.65 0.00	37.58 2.03 0.00	42.96 2.77 0.00	43.33 2.87 0.00	47.44 3.34 0.00	49.73 3.69 0.35	48.87 3.77 0.60	44.50 3.65 1.60	53.89 4.54 0.19	73.84 4.92 -15.95	53.42 4.47 0.64	87.54 4.57 -33.17	74.04 4.95 -14.66	89.67 7.12 -10.90	140.71 11.29 0.00	242.59 16.89 0.00	81.66 5.14 0.00	61.18 3.67 0.00	55.64 3.34 0.00
LOVETT___4 23642	38.99 2.02 0.00	27.70 1.62 0.00	23.16 1.34 0.00	24.46 1.30 0.00	26.68 1.39 0.00	31.46 1.65 0.00	37.58 2.03 0.00	42.96 2.77 0.00	43.33 2.87 0.00	47.44 3.34 0.00	49.73 3.69 0.35	48.87 3.77 0.60	44.50 3.65 1.60	53.89 4.54 0.19	73.84 4.92 -15.95	53.42 4.47 0.64	87.54 4.57 -33.17	74.04 4.95 -14.66	89.67 7.12 -10.90	140.71 11.29 0.00	242.59 16.89 0.00	81.66 5.14 0.00	61.18 3.67 0.00	55.64 3.34 0.00
LOVETT___5 23593	38.99 2.02 0.00	27.70 1.62 0.00	23.16 1.34 0.00	24.46 1.30 0.00	26.68 1.39 0.00	31.46 1.65 0.00	37.58 2.03 0.00	42.96 2.77 0.00	43.33 2.87 0.00	47.44 3.34 0.00	49.73 3.69 0.35	48.87 3.77 0.60	44.50 3.65 1.60	53.89 4.54 0.19	73.84 4.92 -15.95	53.42 4.47 0.64	87.54 4.57 -33.17	74.04 4.95 -14.66	89.67 7.12 -10.90	140.71 11.29 0.00	242.59 16.89 0.00	81.66 5.14 0.00	61.18 3.67 0.00	55.64 3.34 0.00
LOWER RAQUET___HYD 24057	35.88 -1.09 0.00	25.22 -0.86 0.00	21.03 -0.78 0.00	22.29 -0.87 0.00	24.30 -0.99 0.00	28.67 -1.15 0.00	33.92 -1.63 0.00	37.55 -2.65 0.00	37.93 -2.52 0.00	41.09 -3.01 0.00	42.91 -3.48 0.00	42.00 -3.70 0.00	38.31 -3.33 0.79	42.74 -4.18 2.61	28.43 -4.40 20.14	35.66 -3.85 10.09	46.16 -3.64 0.00	50.49 -3.94 0.00	65.55 -5.62 0.48	120.73 -8.69 0.00	213.67 -12.03 0.00	72.79 -3.74 0.00	54.33 -3.19 0.00	49.55 -2.75 0.00
LOWER___HUDSON 24059	38.19 1.23 0.00	27.14 1.05 0.00	22.72 0.91 0.00	24.08 0.93 0.00	26.31 1.02 0.00	31.03 1.21 0.00	36.91 1.36 0.00	41.82 1.62 0.00	41.93 1.48 0.00	45.48 1.38 0.00	47.93 1.53 0.00	47.19 1.49 0.00	43.87 1.43 0.00	51.19 1.65 0.00	54.83 1.87 0.00	51.15 1.56 0.00	51.15 1.35 0.00	55.98 1.55 0.00	74.49 2.85 0.00	134.83 5.41 0.00	235.06 9.36 0.00	78.99 2.47 0.00	59.73 2.21 0.00	54.14 1.84 0.00

LOWVILLE_115KV_TB2 356335	37.18 0.22 0.00	26.05 -0.03 0.00	21.72 -0.09 0.00	22.95 -0.20 0.00	24.91 -0.38 0.00	29.14 -0.68 0.00	35.09 -0.46 0.00	39.12 -1.07 0.00	39.00 -1.46 0.00	42.32 -1.78 0.00	43.80 -2.60 0.00	42.55 -3.15 0.00	43.06 -2.54 -3.16	57.37 -3.25 -11.08	128.60 -2.94 -78.57	86.71 -2.76 -39.88	48.96 -2.01 -1.17	54.48 -1.38 -1.43	73.24 -0.67 -2.26	134.85 2.09 -3.33	236.77 6.43 -4.64	81.47 1.96 -2.99	59.00 -0.08 -1.56	52.00 -0.36 -0.06
LUTHERFT_115KV_GLOB_FND_222 355753	38.72 1.75 0.00	27.48 1.40 0.00	22.99 1.17 0.00	24.36 1.21 0.00	26.64 1.35 0.00	31.43 1.61 0.00	37.42 1.88 0.00	42.35 2.15 0.00	42.42 1.96 0.00	45.91 1.81 0.00	48.30 1.91 0.00	47.57 1.88 0.00	44.20 1.76 0.00	51.58 2.04 0.00	55.20 2.22 0.00	51.56 1.96 0.00	51.68 1.88 0.00	56.66 2.23 0.00	75.58 3.93 0.00	137.02 7.60 0.00	238.85 13.14 0.00	80.41 3.89 0.00	60.66 3.14 0.00	54.99 2.69 0.00
LUTHERNY_35_KV_BK2 355980	38.76 1.79 0.00	27.50 1.42 0.00	23.01 1.20 0.00	24.40 1.25 0.00	26.66 1.37 0.00	31.47 1.65 0.00	37.50 1.95 0.00	42.43 2.23 0.00	42.48 2.02 0.00	45.96 1.86 0.00	48.36 1.96 0.00	47.64 1.94 0.00	44.26 1.82 0.00	51.66 2.13 0.00	55.30 2.33 0.00	51.65 2.05 0.00	51.78 1.97 0.00	56.78 2.35 0.00	75.72 4.07 0.00	137.27 7.85 0.00	239.38 13.67 0.00	80.58 4.05 0.00	60.76 3.24 0.00	55.08 2.78 0.00
LWR__OSWEGATCHIE_HYD 23850	36.11 -0.85 0.00	25.33 -0.74 0.00	21.12 -0.69 0.00	22.35 -0.81 0.00	24.32 -0.97 0.00	28.59 -1.23 0.00	34.14 -1.41 0.00	37.79 -2.41 0.00	37.82 -2.63 0.00	40.96 -3.14 0.00	42.61 -3.79 0.00	41.64 -4.06 0.00	37.57 -3.58 1.29	41.50 -4.41 3.63	14.42 -4.46 34.09	28.98 -3.89 16.72	47.29 -3.44 -0.93	52.25 -3.32 -1.14	69.24 -4.00 -1.59	127.27 -4.81 -2.66	224.17 -5.23 -3.70	77.16 -1.75 -2.38	56.54 -2.23 -1.24	50.21 -2.14 -0.05
LYONS_FALL_HYD 23570	37.44 0.48 0.00	26.28 0.20 0.00	21.93 0.11 0.00	23.20 0.04 0.00	25.23 -0.06 0.00	29.62 -0.20 0.00	35.59 0.04 0.00	39.85 -0.35 0.00	39.75 -0.71 0.00	43.16 -0.94 0.00	44.86 -1.53 0.00	43.80 -1.90 0.00	41.07 -1.46 -0.09	48.59 -1.84 -0.90	52.46 -1.60 -1.09	49.07 -1.49 -0.96	49.87 -0.91 -0.98	55.31 -0.32 -1.20	74.26 0.70 -1.91	136.00 3.79 -2.80	237.92 8.33 -3.89	81.56 2.53 -2.51	59.57 0.75 -1.31	52.77 0.42 -0.05
MADISON__COUNTY_LFGE 323628	37.86 0.89 0.00	26.67 0.59 0.00	22.27 0.46 0.00	23.59 0.44 0.00	25.74 0.45 0.00	30.39 0.57 0.00	36.36 0.82 0.00	41.01 0.81 0.00	40.90 0.45 0.00	44.51 0.41 0.00	46.63 0.23 0.00	45.93 0.23 -0.50	43.29 0.35 -2.32	52.36 0.49 -11.16	64.74 0.61 -6.04	56.24 0.60 -1.10	51.77 0.87 -1.10	57.08 1.32 -1.34	76.57 2.70 -2.22	138.80 6.26 -3.12	240.83 10.78 -4.34	82.54 3.22 -2.80	60.96 1.98 -1.46	53.97 1.61 -0.06
MALONE__115KV_TB1 356076	36.38 -0.58 0.00	25.57 -0.51 0.00	21.32 -0.50 0.00	22.58 -0.57 0.00	24.67 -0.62 0.00	29.14 -0.68 0.00	34.72 -0.83 0.00	38.63 -1.56 0.00	39.53 -0.93 0.00	42.88 -1.22 0.00	44.93 -1.47 0.00	43.95 -1.75 0.00	40.57 -1.50 0.37	46.32 -2.00 1.22	41.42 -2.14 9.41	43.16 -1.72 4.71	48.23 -1.57 0.00	52.65 -1.78 0.00	68.65 -3.27 -0.27	124.39 -5.02 0.00	219.01 -6.69 0.00	74.54 -1.99 0.00	55.91 -1.61 0.00	50.63 -1.67 0.00
MAPLEWOD_115KV_TB3 80458	38.09 1.13 0.00	27.06 0.98 0.00	22.67 0.86 0.00	24.01 0.86 0.00	26.23 0.94 0.00	30.94 1.12 0.00	36.77 1.23 0.00	41.70 1.50 0.00	41.85 1.40 0.00	45.43 1.33 0.00	47.87 1.48 0.00	47.17 1.47 0.00	43.95 1.51 0.00	51.30 1.76 0.00	54.99 2.03 0.00	51.36 1.76 0.00	51.39 1.59 0.00	56.25 1.81 0.00	74.77 3.12 0.00	134.99 5.57 0.00	234.98 9.28 0.00	79.04 2.51 0.00	59.64 2.12 0.00	54.07 1.77 0.00
MAPLE_RIDGE_WT_1 323574	36.82 -0.14 0.00	25.96 -0.11 0.00	21.68 -0.14 0.00	22.91 -0.24 0.00	24.89 -0.40 0.00	29.24 -0.58 0.00	34.82 -0.73 0.00	39.45 -0.75 0.00	39.89 -0.56 0.00	43.51 -0.59 0.00	45.62 -0.78 0.00	44.70 -1.00 0.00	41.46 -0.98 0.00	48.31 -1.23 0.00	51.77 -1.20 0.00	48.78 -0.81 0.00	49.06 -0.73 0.00	53.59 -0.84 0.00	70.65 -1.22 -0.22	128.01 -1.40 0.00	224.35 -1.35 0.00	75.71 -0.81 0.00	56.26 -1.27 0.00	51.43 -0.86 0.00
MAPLE_RIDGE_WT_2 323611	36.82 -0.14 0.00	25.96 -0.11 0.00	21.68 -0.14 0.00	22.91 -0.24 0.00	24.89 -0.40 0.00	29.24 -0.58 0.00	34.82 -0.73 0.00	39.45 -0.75 0.00	39.89 -0.56 0.00	43.51 -0.59 0.00	45.62 -0.78 0.00	44.70 -1.00 0.00	41.46 -0.98 0.00	48.31 -1.23 0.00	51.77 -1.20 0.00	48.78 -0.81 0.00	49.06 -0.73 0.00	53.59 -0.84 0.00	70.65 -1.22 -0.22	128.01 -1.40 0.00	224.35 -1.35 0.00	75.71 -0.81 0.00	56.26 -1.27 0.00	51.43 -0.86 0.00
MARBLE_RIVER_WT_PWR 323696	36.45 -0.52 0.00	25.64 -0.44 0.00	21.38 -0.43 0.00	22.66 -0.49 0.00	24.72 -0.57 0.00	29.23 -0.59 0.00	34.88 -0.67 0.00	38.85 -1.35 0.00	39.84 -0.61 0.00	43.28 -0.83 0.00	45.48 -0.92 0.00	44.65 -1.05 0.00	41.34 -0.93 0.17	47.74 -1.25 0.55	47.40 -1.33 4.25	46.43 -1.03 2.13	48.91 -0.89 0.00	53.31 -1.12 0.00	69.85 -2.44 -0.63	125.39 -4.02 0.00	220.21 -5.49 0.00	74.90 -1.63 0.00	56.35 -1.17 0.00	50.99 -1.30 0.00
MARSHVLE_115KV_TB1 80742	38.31 1.35 0.00	26.98 0.90 0.00	22.46 0.64 0.00	23.71 0.56 0.00	25.94 0.65 0.00	30.58 0.76 0.00	36.49 0.95 0.00	40.89 0.69 0.00	40.85 0.39 0.00	44.46 0.36 0.00	46.62 0.22 0.00	45.86 0.16 0.00	42.58 0.13 0.00	49.65 0.11 0.00	53.06 0.09 0.00	49.80 0.20 0.00	50.10 0.30 0.00	55.13 0.70 0.00	73.41 1.76 0.00	135.07 5.65 0.00	236.43 10.73 0.00	79.96 3.43 0.00	60.09 2.57 0.00	54.45 2.15 0.00
MARSH_HILL_WT_PWR 323713	35.27 -1.70 0.00	27.57 -1.74 -3.23	46.14 -1.66 -25.98	51.19 -1.84 -29.88	61.02 -2.02 -37.75	67.71 -2.30 -40.19	77.06 -2.10 -43.62	84.96 -2.03 -46.80	96.54 -2.43 -58.52	102.82 -2.54 -61.26	71.17 -3.05 -27.82	105.77 -2.69 -62.75	101.16 -1.98 -60.70	115.50 -2.29 -68.24	117.23 -3.03 -67.29	114.49 -2.93 -67.83	115.35 -3.19 -68.74	126.64 -3.48 -75.69	160.94 -3.88 -93.18	263.36 -4.74 -138.68	431.72 -7.30 -213.31	169.25 -3.39 -96.12	133.96 -2.95 -79.38	120.93 -3.16 -71.79
MCINTYRE_115KV_TB2 80467	36.82 -0.14 0.00	25.88 -0.20 0.00	21.58 -0.24 0.00	22.88 -0.27 0.00	24.95 -0.34 0.00	29.47 -0.34 0.00	35.04 -0.51 0.00	38.94 -1.26 0.00	39.29 -1.17 0.00	42.46 -1.64 0.00	44.22 -2.18 0.00	43.36 -2.34 0.00	39.68 -2.10 0.65	44.58 -2.81 2.15	33.37 -3.02 16.58	38.75 -2.54 8.31	47.39 -2.41 0.00	51.73 -2.70 0.00	66.81 -4.22 0.62	123.70 -5.72 0.00	220.54 -5.16 0.00	75.30 -1.22 0.00	56.29 -1.23 0.00	51.21 -1.09 0.00
MECO____69_KV_BK1 80468	38.93 1.96 0.00	27.47 1.39 0.00	22.89 1.08 0.00	24.22 1.07 0.00	26.50 1.21 0.00	31.29 1.47 0.00	37.35 1.81 0.00	41.80 1.61 0.00	41.36 0.90 0.00	44.68 0.58 0.00	46.77 0.38 0.00	45.93 0.23 0.00	42.69 0.25 0.00	49.86 0.32 0.00	53.42 0.45 0.00	50.04 0.45 0.00	50.46 0.67 0.00	55.85 1.42 0.00	75.25 3.60 0.00	138.90 9.48 0.00	243.43 17.73 0.00	82.11 5.59 0.00	61.54 4.02 0.00	55.67 3.37 0.00

MENANDS__115KV_TB5 355628	37.91 0.94 0.00	26.95 0.87 0.00	22.59 0.77 0.00	23.92 0.77 0.00	26.13 0.84 0.00	30.81 0.99 0.00	36.61 1.06 0.00	41.53 1.34 0.00	41.69 1.23 0.00	45.29 1.18 0.00	47.72 1.32 0.00	47.03 1.33 0.00	43.82 1.38 0.00	51.12 1.58 0.00	54.78 1.81 0.00	51.13 1.54 0.00	51.12 1.32 0.00	55.89 1.46 0.00	74.22 2.57 0.00	133.89 4.47 0.00	232.97 7.27 0.00	78.37 1.85 0.00	59.17 1.65 0.00	53.68 1.38 0.00
MG INDUSTRY__DRP 24185	37.94 0.98 0.00	26.95 0.87 0.00	22.58 0.76 0.00	23.94 0.79 0.00	26.17 0.87 0.00	30.85 1.03 0.00	36.63 1.09 0.00	41.43 1.23 0.00	41.49 1.04 0.00	45.14 1.04 0.00	47.53 1.13 0.00	46.76 1.06 0.00	43.51 1.07 0.00	50.76 1.22 0.00	54.34 1.37 0.00	50.75 1.16 0.00	50.82 1.02 0.00	55.57 1.13 0.00	73.90 2.25 0.00	133.51 4.09 0.00	232.30 6.60 0.00	78.39 1.86 0.00	59.13 1.61 0.00	53.74 1.44 0.00
MID__OSWEGATCHIE_HYD 23849	36.11 -0.85 0.00	25.33 -0.74 0.00	21.12 -0.69 0.00	22.35 -0.81 0.00	24.32 -0.97 0.00	28.59 -1.23 0.00	34.14 -1.41 0.00	37.79 -2.41 0.00	37.82 -2.63 0.00	40.96 -3.14 0.00	42.61 -3.79 0.00	41.64 -4.06 0.00	37.57 -3.58 1.29	41.50 -4.41 3.63	14.42 -4.46 34.09	28.98 -3.89 16.72	47.29 -3.44 -0.93	52.25 -3.32 -1.14	69.24 -4.00 -1.59	127.27 -4.81 -2.66	224.17 -5.23 -3.70	77.16 -1.75 -2.38	56.54 -2.23 -1.24	50.21 -2.14 -0.05
MID__RAQUETTE_HYD 23851	35.88 -1.09 0.00	25.22 -0.86 0.00	21.03 -0.78 0.00	22.29 -0.87 0.00	24.31 -0.98 0.00	28.67 -1.15 0.00	33.92 -1.62 0.00	37.55 -2.64 0.00	37.94 -2.52 0.00	41.10 -3.00 0.00	42.92 -3.48 0.00	42.00 -3.69 0.00	38.32 -3.33 0.79	42.73 -4.19 2.61	28.41 -4.42 20.14	35.65 -3.86 10.09	46.15 -3.65 0.00	50.52 -3.91 0.00	65.54 -5.63 0.48	120.74 -8.68 0.00	213.68 -12.02 0.00	72.79 -3.73 0.00	54.34 -3.18 0.00	49.55 -2.75 0.00
MILLIKEN__1 23584	37.38 0.42 0.00	26.54 0.23 -0.23	23.80 0.15 -1.84	25.36 0.10 -2.10	28.09 0.15 -2.66	32.86 0.20 -2.83	39.04 0.42 -3.08	43.81 0.38 -3.22	44.13 0.04 -3.63	47.87 -0.03 -3.81	47.95 -0.18 -1.73	49.47 -0.10 -3.88	46.20 0.00 -3.76	55.98 0.25 -6.18	59.73 0.12 -6.64	56.28 0.21 -6.47	56.73 0.36 -6.57	62.71 0.73 -7.55	84.11 1.85 -10.61	149.28 4.61 -15.25	255.71 7.42 -22.58	90.52 2.04 -11.95	66.75 1.14 -8.08	57.90 0.93 -4.67
MILLIKEN__2 23585	37.38 0.42 0.00	26.54 0.23 -0.23	23.80 0.15 -1.84	25.36 0.10 -2.10	28.09 0.15 -2.66	32.86 0.20 -2.83	39.04 0.42 -3.08	43.81 0.38 -3.22	44.13 0.04 -3.63	47.87 -0.03 -3.81	47.95 -0.18 -1.73	49.47 -0.10 -3.88	46.20 0.00 -3.76	55.98 0.25 -6.18	59.73 0.12 -6.64	56.28 0.21 -6.47	56.73 0.36 -6.57	62.71 0.73 -7.55	84.11 1.85 -10.61	149.28 4.61 -15.25	255.71 7.42 -22.58	90.52 2.04 -11.95	66.75 1.14 -8.08	57.90 0.93 -4.67
MILLIKEN__DIESEL 23629	37.38 0.42 0.00	26.54 0.23 -0.23	23.80 0.15 -1.84	25.36 0.10 -2.10	28.09 0.15 -2.66	32.86 0.20 -2.83	39.04 0.42 -3.08	43.81 0.38 -3.22	44.13 0.04 -3.63	47.87 -0.03 -3.81	47.95 -0.18 -1.73	49.47 -0.10 -3.88	46.20 0.00 -3.76	55.98 0.25 -6.18	59.73 0.12 -6.64	56.28 0.21 -6.47	56.73 0.36 -6.57	62.71 0.73 -7.55	84.11 1.85 -10.61	149.28 4.61 -15.25	255.71 7.42 -22.58	90.52 2.04 -11.95	66.75 1.14 -8.08	57.90 0.93 -4.67
MILLSEAT__LFGE 323607	34.86 -2.11 0.00	23.74 -1.66 0.68	14.98 -1.36 5.47	15.36 -1.50 6.29	15.62 -1.72 7.95	19.37 -2.03 8.42	24.39 -1.87 9.29	28.05 -2.07 10.08	27.46 -2.43 10.58	30.81 -2.14 11.15	38.88 -2.43 5.09	32.49 -1.73 11.48	30.01 -1.47 10.96	35.57 -1.94 12.03	38.34 -2.76 11.87	34.97 -2.51 12.12	34.65 -2.77 12.37	38.43 -3.07 12.93	53.43 -3.01 15.21	102.15 -2.90 24.36	182.52 -5.00 38.19	57.39 -2.10 17.04	41.99 -1.49 14.05	38.57 -0.82 12.91
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.05 2.09 0.00	27.78 1.70 0.00	23.22 1.40 0.00	24.52 1.37 0.00	26.76 1.47 0.00	31.55 1.74 0.00	37.66 2.12 0.00	43.06 2.87 0.00	43.44 2.98 0.00	47.57 3.47 0.00	49.73 3.81 0.47	48.75 3.90 0.85	43.96 3.77 2.25	53.16 4.66 1.04	66.91 5.06 -8.88	49.28 4.63 4.94	72.36 4.72 -17.83	67.63 5.14 -8.06	86.39 7.35 -7.39	141.14 11.72 0.00	243.30 17.60 0.00	81.90 5.37 0.00	61.41 3.89 0.00	55.81 3.51 0.00
MILLWOOD_13_KV_LOAD 356217	39.16 2.19 0.00	27.84 1.76 0.00	23.27 1.46 0.00	24.57 1.42 0.00	26.81 1.52 0.00	31.62 1.80 0.00	37.75 2.20 0.00	43.16 2.96 0.00	43.55 3.09 0.00	47.69 3.59 0.00	49.86 3.93 0.47	48.89 4.04 0.85	44.10 3.91 2.25	53.34 4.83 1.04	67.10 5.26 -8.88	49.49 4.83 4.94	72.56 4.93 -17.83	67.88 5.38 -8.06	86.72 7.67 -7.39	141.69 12.27 0.00	244.23 18.53 0.00	82.20 5.67 0.00	61.59 4.07 0.00	55.96 3.66 0.00
MODEL_CITY_ENERGY 24167	33.52 -3.44 0.00	22.62 -2.59 0.87	12.72 -2.07 7.03	12.81 -2.26 8.09	12.53 -2.55 10.21	15.95 -3.07 10.79	20.50 -3.14 11.90	23.92 -3.48 12.80	23.41 -3.59 13.46	26.64 -3.24 14.22	36.28 -3.61 6.51	28.21 -2.80 14.69	25.84 -2.53 14.07	30.87 -3.28 15.38	33.53 -4.26 15.17	30.16 -4.00 15.43	29.53 -4.43 15.84	32.28 -5.21 16.94	45.08 -6.23 20.34	88.39 -9.59 31.43	159.69 -17.14 48.88	48.62 -6.10 21.81	35.63 -4.01 17.88	33.01 -2.86 16.43
MODERN_LFGE__ 323580	33.52 -3.44 0.00	22.62 -2.59 0.87	12.72 -2.07 7.03	12.81 -2.26 8.09	12.53 -2.55 10.21	15.95 -3.07 10.79	20.50 -3.14 11.90	23.92 -3.48 12.80	23.41 -3.59 13.46	26.64 -3.24 14.22	36.28 -3.61 6.51	28.21 -2.80 14.69	25.84 -2.53 14.07	30.87 -3.28 15.38	33.53 -4.26 15.17	30.16 -4.00 15.43	29.53 -4.43 15.84	32.28 -5.21 16.94	45.08 -6.23 20.34	88.39 -9.59 31.43	159.69 -17.14 48.88	48.62 -6.10 21.81	35.63 -4.01 17.88	33.01 -2.86 16.43
MOHAWK_PAPER__DRP 24187	38.09 1.13 0.00	27.06 0.98 0.00	22.67 0.86 0.00	24.01 0.86 0.00	26.23 0.94 0.00	30.94 1.12 0.00	36.77 1.23 0.00	41.70 1.50 0.00	41.85 1.40 0.00	45.43 1.33 0.00	47.87 1.48 0.00	47.17 1.47 0.00	43.95 1.51 0.00	51.30 1.76 0.00	54.99 2.03 0.00	51.36 1.76 0.00	51.39 1.59 0.00	56.25 1.81 0.00	74.77 3.12 0.00	134.99 5.57 0.00	234.98 9.28 0.00	79.04 2.51 0.00	59.64 2.12 0.00	54.07 1.77 0.00
MOHICAN__35_KV_115KV_LD 80490	39.19 2.22 0.00	27.88 1.80 0.00	23.33 1.51 0.00	24.70 1.55 0.00	27.01 1.72 0.00	31.92 2.11 0.00	38.06 2.51 0.00	43.05 2.85 0.00	43.07 2.61 0.00	46.37 2.27 0.00	48.66 2.27 0.00	47.86 2.16 0.00	44.33 1.88 0.00	51.59 2.05 0.00	55.08 2.11 0.00	51.41 1.82 0.00	51.41 1.61 0.00	56.50 2.07 0.00	75.73 4.08 0.00	137.94 8.53 0.00	240.88 15.18 0.00	81.05 4.53 0.00	61.34 3.82 0.00	55.54 3.24 0.00
MONGAUP__HYD 23641	39.06 2.09 0.00	27.71 1.62 0.00	23.17 1.35 0.00	24.48 1.33 0.00	26.70 1.41 0.00	31.51 1.69 0.00	37.63 2.09 0.00	42.79 2.59 0.00	42.78 2.32 0.00	46.66 2.57 0.00	49.07 2.83 0.16	48.35 2.87 0.22	44.69 2.84 0.59	49.13 3.56 3.97	-6.04 3.89 62.90	32.67 3.72 20.65	-80.49 3.70 134.00	0.44 4.30 58.29	41.50 6.13 36.28	140.22 10.80 0.00	242.88 17.18 0.00	81.72 5.19 0.00	61.18 3.66 0.00	55.47 3.17 0.00

MONTAUK___DIESEL 23721	38.62 1.65 0.00	28.01 1.93 0.00	23.19 1.37 0.00	25.14 1.98 0.00	27.56 2.27 0.00	32.63 2.82 0.00	39.04 3.49 0.00	43.81 3.62 0.00	43.93 3.47 0.00	48.55 4.45 0.00	54.01 5.40 -2.22	54.66 4.91 -4.06	57.63 4.37 -10.82	64.08 5.56 -8.98	87.90 5.56 -29.38	99.02 4.56 -44.87	119.83 3.98 -66.05	85.88 4.45 -26.99	85.26 6.92 -6.69	139.48 10.07 0.00	236.28 10.58 0.00	80.26 3.74 0.00	59.97 2.45 0.00	54.62 2.32 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.89 -3.07 0.00	22.77 -2.47 0.84	12.94 -2.10 6.78	13.09 -2.25 7.81	12.88 -2.54 9.87	16.27 -3.08 10.47	21.37 -3.07 11.10	24.90 -2.94 12.36	21.45 -2.57 16.44	25.02 -1.85 17.23	36.49 -2.07 7.83	26.21 -1.81 17.68	23.80 -1.63 17.00	29.10 -1.59 18.84	32.05 -2.40 18.53	28.30 -2.51 18.79	27.97 -2.78 19.04	31.09 -3.31 20.03	44.32 -3.62 23.70	87.14 -4.71 37.57	157.91 -9.00 58.79	46.59 -3.67 26.27	32.30 -3.35 21.87	30.31 -1.89 20.10
MORRIS_RIDGE___SOLAR 323848	34.96 -2.01 0.00	19.41 -1.85 4.82	-18.64 -1.61 38.85	-23.30 -1.74 44.72	-33.14 -1.93 56.50	-32.57 -2.26 60.12	-31.74 -2.18 65.11	-30.29 -2.22 68.27	-26.10 -2.47 64.09	-25.57 -2.58 67.10	12.88 -3.06 30.46	-25.57 -2.55 68.72	-25.57 -2.01 66.00	-25.57 -2.47 72.64	-21.45 -3.09 71.33	-25.57 -2.67 72.49	-26.38 -2.76 73.42	-27.68 -2.92 79.19	-26.70 -3.15 95.20	-20.43 -4.37 145.47	-7.46 -7.68 225.48	-26.90 -3.26 100.17	-29.32 -2.71 84.13	-28.58 -2.71 78.17
MORTIMER_115KV_TB3 55949	35.85 -1.12 0.00	25.18 -0.90 0.00	20.99 -0.83 0.00	22.22 -0.93 0.00	24.22 -1.08 0.00	28.59 -1.24 -0.01	34.41 -1.13 0.00	38.91 -1.30 -0.01	38.99 -1.49 -0.02	42.94 -1.17 -0.01	45.26 -1.14 0.00	44.96 -0.74 0.00	41.84 -0.60 0.00	48.85 -0.70 -0.02	51.92 -1.07 -0.02	48.68 -0.94 -0.02	48.88 -0.92 0.00	53.45 -0.97 0.00	71.24 -0.40 0.01	129.59 0.17 0.00	224.84 -0.87 0.00	75.85 -0.67 0.00	56.72 -0.82 -0.02	51.84 -0.49 -0.02
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.28 2.32 0.00	28.00 1.92 0.00	23.39 1.57 0.00	24.67 1.51 0.00	26.94 1.65 0.00	31.75 1.93 0.00	37.87 2.33 0.00	43.34 3.15 0.00	43.79 3.34 0.00	47.99 3.89 0.00	53.05 4.28 -2.37	54.48 4.37 -4.41	58.43 4.23 -11.76	64.52 5.18 -9.80	89.57 5.63 -30.97	103.46 5.15 -48.72	126.26 5.22 -71.24	89.59 5.66 -29.50	86.33 7.98 -6.70	141.98 12.56 0.00	244.58 18.87 0.00	82.42 5.89 0.00	61.75 4.23 0.00	56.13 3.83 0.00
MUNSVILLE_WIND_PWR 323609	39.24 2.28 0.00	27.59 1.36 -0.15	24.02 1.01 -1.20	25.47 0.95 -1.38	28.00 0.97 -1.74	32.80 1.13 -1.85	39.13 1.56 -2.03	44.05 1.69 -2.17	44.07 1.22 -2.39	47.80 1.20 -2.51	48.43 0.89 -1.14	48.89 0.64 -2.55	45.72 0.89 -2.39	54.83 1.42 -3.87	58.82 1.69 -4.16	55.55 1.82 -4.13	55.83 1.84 -4.20	61.60 2.32 -4.85	83.12 4.68 -6.79	150.50 11.41 -9.67	259.29 19.31 -14.28	88.71 4.69 -7.50	65.50 2.87 -5.12	57.46 2.12 -3.04
N SALMON___HYD 24042	36.38 -0.59 0.00	25.57 -0.51 0.00	21.32 -0.50 0.00	22.59 -0.57 0.00	24.67 -0.62 0.00	29.14 -0.68 0.00	34.72 -0.83 0.00	38.63 -1.57 0.00	39.52 -0.93 0.00	42.87 -1.23 0.00	44.93 -1.47 0.00	43.94 -1.76 0.00	40.57 -1.50 0.37	46.33 -1.99 1.22	41.43 -2.13 9.41	43.16 -1.72 4.71	48.23 -1.57 0.00	52.63 -1.80 0.00	68.66 -3.26 -0.27	124.35 -5.07 0.00	219.00 -6.70 0.00	74.54 -1.99 0.00	55.91 -1.61 0.00	50.63 -1.67 0.00
N.AKRON__115KV_KNAPP 355671	34.63 -2.33 0.00	23.51 -1.83 0.74	14.37 -1.52 5.93	14.66 -1.66 6.83	14.75 -1.91 8.62	18.43 -2.25 9.14	23.32 -2.15 10.07	26.86 -2.43 10.90	26.31 -2.70 11.44	29.70 -2.35 12.06	38.30 -2.60 5.50	31.37 -1.91 12.42	28.90 -1.67 11.87	34.41 -2.10 13.03	37.20 -2.92 12.86	33.78 -2.71 13.10	33.34 -3.08 13.39	36.89 -3.56 13.97	51.65 -3.57 16.43	98.38 -4.69 26.35	176.06 -8.33 41.31	55.06 -3.02 18.44	40.07 -2.25 15.20	37.06 -1.28 13.96
N.BELMOR_69_KV_BK1 55787	39.57 2.61 0.00	28.18 2.10 0.00	23.51 1.69 0.00	24.82 1.66 0.00	27.10 1.81 0.00	31.98 2.16 0.00	38.13 2.58 0.00	43.50 3.31 0.00	43.90 3.45 0.00	48.18 4.08 0.00	53.33 4.71 -2.22	54.25 4.50 -4.06	57.44 4.18 -10.82	63.81 5.07 -9.20	87.59 5.25 -29.38	100.03 5.03 -45.41	124.76 5.24 -69.72	90.18 5.98 -29.76	86.81 8.46 -6.70	142.75 13.32 0.00	245.31 19.61 0.00	82.75 6.23 0.00	62.01 4.49 0.00	56.48 4.18 0.00
N.E._GEN_SANDY PD 24062	43.10 1.35 -4.78	35.26 1.21 -7.97	44.13 1.05 -21.26	54.65 1.06 -30.44	66.58 1.16 -40.13	67.17 1.38 -35.97	58.88 1.54 -21.79	50.08 1.93 -7.95	42.31 1.85 0.00	46.23 1.85 -0.27	48.73 2.09 -0.25	47.78 2.08 0.00	45.08 1.97 -0.66	53.89 2.32 -2.03	55.58 2.61 0.00	51.78 2.18 0.00	51.79 1.92 -0.07	56.50 2.07 0.00	75.11 3.47 0.00	135.54 6.12 0.00	237.92 10.35 -1.88	75.54 2.66 3.65	62.30 2.41 -2.38	49.61 2.05 4.74
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.10 2.13 0.00	27.76 1.68 0.00	23.21 1.39 0.00	24.51 1.36 0.00	26.73 1.45 0.00	31.53 1.71 0.00	37.65 2.11 0.00	43.07 2.88 0.00	43.44 2.98 0.00	47.58 3.48 0.00	49.91 3.85 0.33	49.11 3.96 0.54	44.86 3.86 1.44	54.39 4.79 -0.07	76.80 5.20 -18.62	55.02 4.74 -0.68	93.59 4.86 -38.93	76.85 5.27 -17.14	91.50 7.54 -12.32	141.42 12.00 0.00	243.70 18.00 0.00	82.01 5.48 0.00	61.43 3.91 0.00	55.83 3.53 0.00
N.QUEENS_27_KV_LOAD 356247	39.33 2.37 0.00	28.11 2.03 0.00	23.45 1.63 0.00	24.74 1.59 0.00	27.01 1.72 0.00	31.84 2.02 0.00	37.88 2.34 0.00	43.46 3.26 0.00	43.98 3.53 0.00	48.16 4.06 0.00	53.27 4.44 -2.43	54.83 4.60 -4.53	58.99 4.45 -12.10	65.00 5.40 -10.06	90.36 5.87 -31.52	104.97 5.38 -49.99	128.03 5.65 -72.58	90.55 6.08 -30.04	86.67 8.32 -6.70	142.54 13.12 0.00	245.42 19.72 0.00	82.85 6.32 0.00	61.99 4.48 0.00	56.35 4.05 0.00
N.TROY___115KV_TB1 355778	38.19 1.23 0.00	27.14 1.06 0.00	22.72 0.91 0.00	24.08 0.92 0.00	26.32 1.03 0.00	31.03 1.21 0.00	36.91 1.37 0.00	41.82 1.62 0.00	41.94 1.48 0.00	45.49 1.39 0.00	47.93 1.54 0.00	47.21 1.51 0.00	43.88 1.44 0.00	51.19 1.65 0.00	54.84 1.87 0.00	51.15 1.56 0.00	51.16 1.36 0.00	55.99 1.56 0.00	74.51 2.86 0.00	134.85 5.43 0.00	235.02 9.32 0.00	79.00 2.47 0.00	59.73 2.22 0.00	54.15 1.85 0.00
NARROWS_GT1_1 24228	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
NARROWS_GT1_2 24229	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00

NARROWS_GT1_3 24230	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
NARROWS_GT1_4 24231	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
NARROWS_GT1_5 24232	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
NARROWS_GT1_6 24233	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
NARROWS_GT1_7 24234	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
NARROWS_GT1_8 24235	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
NARROWS_GT2_1 24236	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
NARROWS_GT2_2 24237	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
NARROWS_GT2_3 24238	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
NARROWS_GT2_4 24239	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
NARROWS_GT2_5 24240	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
NARROWS_GT2_6 24241	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
NARROWS_GT2_7 24242	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
NARROWS_GT2_8 24243	39.46 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.71 0.00	31.81 1.99 0.00	37.98 2.44 0.00	43.52 3.32 0.00	43.97 3.51 0.00	48.20 4.10 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.51 6.01 -31.52	105.19 5.50 -50.09	127.93 5.55 -72.58	90.85 6.11 -30.31	86.57 8.21 -6.71	142.19 12.78 0.00	244.81 19.11 0.00	82.77 6.24 0.00	62.04 4.52 0.00	56.42 4.12 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	38.40 1.44 0.00	27.25 1.17 0.00	22.83 1.01 0.00	24.18 1.03 0.00	26.41 1.12 0.00	31.18 1.36 0.00	37.09 1.55 0.00	41.99 1.80 0.00	41.93 1.47 0.00	45.44 1.34 0.00	47.85 1.46 0.00	47.14 1.45 0.00	43.92 1.48 0.00	51.25 1.71 0.00	54.94 1.97 0.00	51.38 1.79 0.00	51.58 1.78 0.00	56.60 2.17 0.00	75.61 3.96 0.00	137.18 7.76 0.00	239.19 13.48 0.00	80.47 3.94 0.00	60.46 2.94 0.00	54.73 2.43 0.00

NCHELSEA_115KV_TR2 355582	39.22 2.26 0.00	27.86 1.78 0.00	23.30 1.49 0.00	24.62 1.47 0.00	26.87 1.59 0.00	31.70 1.88 0.00	37.82 2.28 0.00	43.21 3.02 0.00	43.56 3.10 0.00	47.62 3.51 0.00	50.28 3.89 0.00	49.69 3.99 0.00	46.34 3.91 0.00	54.76 4.82 -0.41	65.47 5.27 -7.23	56.62 4.88 -2.15	70.21 5.03 -15.37	66.69 5.56 -6.70	83.88 7.99 -4.24	142.47 13.05 0.00	245.80 20.10 0.00	82.64 6.11 0.00	61.94 4.42 0.00	56.19 3.90 0.00
NEG CAPITAL___MECHNVIL 23645	38.77 1.81 0.00	27.51 1.43 0.00	23.02 1.20 0.00	24.39 1.24 0.00	26.66 1.37 0.00	31.46 1.64 0.00	37.47 1.92 0.00	42.42 2.22 0.00	42.47 2.01 0.00	46.00 1.90 0.00	48.43 2.04 0.00	47.71 2.01 0.00	44.35 1.91 0.00	51.79 2.25 0.00	55.46 2.49 0.00	51.81 2.21 0.00	51.94 2.14 0.00	56.95 2.52 0.00	75.96 4.31 0.00	137.66 8.24 0.00	239.91 14.21 0.00	80.67 4.15 0.00	60.83 3.32 0.00	55.11 2.81 0.00
NEG CENTRAL_HIGH_ACRES 23767	35.42 -1.54 0.00	24.92 -1.16 0.00	20.78 -1.04 0.00	22.01 -1.14 0.00	24.01 -1.28 0.00	28.34 -1.48 0.00	34.08 -1.46 0.00	38.61 -1.59 0.00	38.70 -1.75 0.00	42.48 -1.63 0.00	44.74 -1.65 0.00	44.39 -1.31 0.00	41.27 -1.17 0.00	48.21 -1.33 0.00	51.34 -1.63 0.00	48.13 -1.47 0.00	48.44 -1.36 0.00	53.12 -1.31 0.00	70.67 -0.99 -0.01	128.66 -0.76 0.00	223.35 -2.35 0.00	75.18 -1.35 0.00	56.13 -1.39 0.00	51.16 -1.14 0.00
NEG CENTRAL___DRP 24199	36.73 -0.24 0.00	26.11 -0.28 -0.31	24.03 -0.29 -2.50	25.67 -0.35 -2.87	28.55 -0.37 -3.63	33.29 -0.39 -3.86	39.50 -0.21 -4.16	44.31 -0.23 -4.35	44.63 -0.53 -4.71	48.49 -0.53 -4.93	47.98 -0.66 -2.24	50.36 -0.44 -5.10	47.86 -0.32 -5.74	57.77 -0.17 -8.40	61.28 -0.26 -8.57	57.05 -0.26 -7.72	57.49 -0.15 -7.84	63.40 0.12 -8.86	84.80 1.00 -12.14	150.17 3.02 -17.73	256.71 4.55 -26.46	91.22 1.00 -13.69	67.38 0.34 -9.52	58.44 0.18 -5.96
NEG CENTRAL___INDECK 23768	36.77 -0.19 0.00	28.97 -0.46 -3.35	48.31 -0.48 -26.98	53.64 -0.56 -31.04	63.87 -0.64 -39.23	70.93 -0.63 -41.74	80.43 -0.21 -45.09	87.21 -0.30 -47.32	88.68 -1.01 -49.23	94.99 -0.64 -51.53	68.93 -0.86 -23.39	97.97 -0.54 -52.81	93.41 -0.42 -51.39	105.97 -1.11 -57.54	106.91 -2.63 -56.57	104.03 -2.35 -56.78	104.91 -2.42 -57.53	115.31 -2.40 -63.28	147.18 -2.18 -77.71	243.65 -1.52 -115.74	401.66 -2.07 -178.02	156.11 -0.41 -79.99	125.32 1.50 -66.30	113.36 0.77 -60.28
NEG CENTRAL___SENECA 23627	36.66 -0.31 0.00	26.18 -0.40 -0.50	25.39 -0.40 -3.98	27.26 -0.45 -4.57	30.56 -0.50 -5.77	35.41 -0.54 -6.14	41.88 -0.29 -6.62	46.87 -0.27 -6.94	47.35 -0.60 -7.49	51.35 -0.59 -7.84	49.19 -0.77 -3.57	53.34 -0.48 -8.12	51.07 -0.28 -8.91	60.43 -0.11 -11.01	63.54 -0.23 -10.80	59.21 -0.23 -9.85	59.63 -0.16 -9.99	65.59 0.09 -11.08	87.04 1.15 -14.24	154.19 3.61 -21.16	263.41 5.44 -32.27	93.13 1.15 -15.46	69.76 0.39 -11.85	61.82 0.18 -9.34
NEG CENTRAL___STATE_STREET 24147	37.04 0.07 0.00	26.09 0.01 0.00	21.79 -0.03 0.00	23.03 -0.12 0.00	25.23 -0.06 0.00	29.80 -0.02 0.00	35.69 0.15 0.00	40.36 0.00 -0.17	42.01 -0.30 -1.86	45.74 -0.31 -1.95	46.89 -0.40 -0.89	47.43 -0.28 -2.01	44.60 -0.24 -2.40	54.75 -0.12 -5.33	58.62 -0.20 -5.85	54.64 -0.17 -5.21	55.23 0.13 -5.30	61.03 0.42 -6.18	81.98 1.01 -9.31	145.46 2.77 -13.27	249.17 4.27 -19.20	88.81 1.25 -11.03	64.83 0.61 -6.70	55.30 0.51 -2.49
NEG MILLWOOD___DRP 24198	39.31 2.35 0.00	27.93 1.85 0.00	23.35 1.54 0.00	24.66 1.50 0.00	26.92 1.63 0.00	31.75 1.93 0.00	37.90 2.36 0.00	43.32 3.12 0.00	43.71 3.25 0.00	47.81 3.71 0.00	50.49 4.10 0.00	49.90 4.20 0.00	46.55 4.11 0.00	55.00 5.08 -0.38	65.23 5.56 -6.69	56.75 5.17 -1.99	69.32 5.30 -14.23	66.46 5.83 -6.20	83.90 8.33 -3.92	142.96 13.54 0.00	246.44 20.74 0.00	82.83 6.30 0.00	62.05 4.53 0.00	56.28 3.99 0.00
NEG NORTH_FLCN_SEA 23793	36.88 -0.09 0.00	25.95 -0.13 0.00	21.63 -0.19 0.00	22.91 -0.24 0.00	25.00 -0.30 0.00	29.58 -0.23 0.00	35.30 -0.25 0.00	39.26 -0.94 0.00	40.25 -0.21 0.00	43.79 -0.31 0.00	45.97 -0.43 0.00	45.07 -0.63 0.00	41.67 -0.59 0.17	48.06 -0.90 0.58	47.51 -1.02 4.44	46.64 -0.72 2.23	49.33 -0.47 0.00	53.84 -0.59 0.00	70.64 -1.63 -0.62	126.86 -2.56 0.00	222.61 -3.09 0.00	75.61 -0.92 0.00	57.00 -0.52 0.00	51.51 -0.79 0.00
NEG NORTH_KES_CHATEGAY 23792	36.44 -0.52 0.00	25.62 -0.46 0.00	21.37 -0.44 0.00	22.64 -0.51 0.00	24.72 -0.58 0.00	29.21 -0.60 0.00	34.86 -0.68 0.00	38.82 -1.38 0.00	39.86 -0.60 0.00	43.25 -0.85 0.00	45.43 -0.96 0.00	44.56 -1.14 0.00	41.22 -0.99 0.23	47.44 -1.35 0.75	45.77 -1.42 5.78	45.59 -1.11 2.90	48.83 -0.97 0.00	53.22 -1.21 0.00	69.48 -2.70 -0.53	125.01 -4.40 0.00	219.80 -5.91 0.00	74.84 -1.69 0.00	56.31 -1.21 0.00	50.93 -1.37 0.00
NEG NORTH___ALICE_FALLS 23915	36.85 -0.11 0.00	25.92 -0.16 0.00	21.60 -0.21 0.00	22.89 -0.27 0.00	24.99 -0.30 0.00	29.55 -0.26 0.00	35.29 -0.26 0.00	39.27 -0.93 0.00	40.18 -0.27 0.00	43.68 -0.42 0.00	45.86 -0.54 0.00	44.94 -0.76 0.00	41.55 -0.70 0.18	47.91 -1.02 0.60	47.19 -1.12 4.66	46.47 -0.79 2.33	49.19 -0.61 0.00	53.73 -0.70 0.00	70.42 -1.84 -0.60	126.84 -2.58 0.00	222.77 -2.93 0.00	75.67 -0.85 0.00	56.98 -0.54 0.00	51.47 -0.82 0.00
NEG NORTH___LWR_SARANAC 23913	36.85 -0.11 0.00	25.92 -0.16 0.00	21.60 -0.21 0.00	22.89 -0.27 0.00	24.99 -0.30 0.00	29.55 -0.26 0.00	35.29 -0.26 0.00	39.27 -0.93 0.00	40.18 -0.27 0.00	43.68 -0.42 0.00	45.86 -0.54 0.00	44.94 -0.76 0.00	41.55 -0.70 0.18	47.91 -1.02 0.60	47.19 -1.12 4.66	46.47 -0.79 2.33	49.19 -0.61 0.00	53.73 -0.70 0.00	70.42 -1.84 -0.60	126.84 -2.58 0.00	222.77 -2.93 0.00	75.67 -0.85 0.00	56.98 -0.54 0.00	51.47 -0.82 0.00
NEG NORTH___PLATTSBURG 23628	36.85 -0.11 0.00	25.92 -0.16 0.00	21.60 -0.21 0.00	22.89 -0.27 0.00	24.99 -0.30 0.00	29.55 -0.26 0.00	35.29 -0.26 0.00	39.26 -0.94 0.00	40.18 -0.27 0.00	43.67 -0.43 0.00	45.86 -0.54 0.00	44.94 -0.76 0.00	41.55 -0.71 0.18	47.92 -1.01 0.60	47.20 -1.11 4.66	46.47 -0.79 2.33	49.20 -0.60 0.00	53.72 -0.71 0.00	70.41 -1.84 -0.60	126.82 -2.60 0.00	222.77 -2.93 0.00	75.67 -0.85 0.00	56.97 -0.55 0.00	51.47 -0.83 0.00
NEG WEST_LEA_LOCKPORT 23791	33.92 -3.05 0.00	22.85 -2.34 0.88	12.74 -1.95 7.13	12.84 -2.11 8.20	12.50 -2.43 10.36	15.93 -2.90 10.99	20.51 -2.96 12.08	23.86 -3.31 13.03	23.41 -3.45 13.59	26.75 -3.05 14.30	36.57 -3.30 6.52	28.39 -2.59 14.72	26.01 -2.34 14.09	31.15 -2.87 15.51	33.87 -3.81 15.29	30.46 -3.58 15.56	29.97 -3.97 15.85	33.56 -4.71 16.16	47.75 -5.30 18.60	90.03 -8.43 30.95	161.66 -15.10 48.95	49.38 -5.29 21.85	35.64 -3.82 18.06	33.12 -2.59 16.59
NEG WEST___LANCASTR 23811	34.19 -2.77 0.00	22.97 -2.20 0.91	12.70 -1.81 7.30	12.77 -1.97 8.40	12.42 -2.26 10.62	15.83 -2.71 11.27	20.48 -2.86 12.20	23.72 -3.15 13.32	21.97 -2.86 15.63	25.31 -2.40 16.39	36.24 -2.70 7.46	26.87 -2.00 16.83	24.56 -1.69 16.19	29.55 -2.06 17.92	32.66 -2.69 17.62	29.17 -2.56 17.87	28.88 -2.78 18.13	31.95 -3.35 19.13	45.43 -3.51 22.70	87.86 -5.74 35.82	158.73 -10.97 56.00	47.40 -4.11 25.01	33.39 -3.34 20.80	30.72 -2.46 19.11

NEG_PENN_ALLEGHNY 23528	36.93 -0.03 0.00	25.98 -0.10 0.00	21.71 -0.10 0.00	23.03 -0.12 0.00	25.15 -0.14 0.00	29.66 -0.16 0.00	35.53 -0.02 0.00	40.40 0.20 0.00	40.54 0.08 0.00	44.31 0.22 0.00	46.52 0.12 0.00	46.03 0.33 0.00	43.06 0.48 -0.14	51.69 0.77 -1.38	55.39 0.77 -1.65	51.74 0.74 -1.41	52.02 0.78 -1.44	57.20 0.89 -1.87	76.84 1.99 -3.21	137.44 3.86 -4.16	236.56 5.17 -5.68	81.34 1.15 -3.66	59.96 0.53 -1.91	52.77 0.40 -0.08
NEG___GEN_MONROE 24207	35.88 -1.08 0.00	25.20 -0.88 0.00	21.01 -0.80 0.00	22.24 -0.91 0.00	24.23 -1.06 0.00	28.62 -1.21 -0.01	34.34 -1.06 0.15	37.05 -1.22 1.92	36.90 -1.52 2.04	40.74 -1.22 2.15	44.19 -1.23 0.98	42.72 -0.78 2.20	39.92 -0.57 1.95	46.66 -0.73 2.15	49.66 -1.14 2.17	46.25 -1.01 2.34	46.40 -1.01 2.39	50.78 -1.05 2.61	68.12 -0.35 3.18	125.31 0.65 4.76	218.83 0.42 7.30	73.04 -0.24 3.25	54.35 -0.48 2.69	49.69 -0.14 2.47
NEPA___ENERGY 23901	34.85 -2.11 0.00	23.25 -1.84 0.99	12.32 -1.54 7.96	12.37 -1.62 9.16	11.82 -1.89 11.58	15.18 -2.32 12.32	20.03 -2.12 13.39	23.57 -2.10 14.52	22.23 -2.06 16.16	25.65 -1.51 16.93	36.82 -1.88 7.70	27.09 -1.24 17.37	24.80 -0.93 16.71	30.25 -0.76 18.53	33.49 -1.26 18.22	29.90 -1.23 18.47	29.60 -1.49 18.71	32.86 -1.87 19.69	46.76 -1.56 23.33	90.32 -2.17 36.93	162.43 -5.50 57.77	48.17 -2.55 25.81	33.52 -2.50 21.51	30.77 -1.76 19.76
NEVERSINK___HYD 23608	39.05 2.08 0.00	27.67 1.59 0.00	23.14 1.32 0.00	24.45 1.30 0.00	26.68 1.39 0.00	31.49 1.67 0.00	37.61 2.06 0.00	42.96 2.77 0.00	43.22 2.77 0.00	47.21 3.11 0.00	49.78 3.39 0.00	49.13 3.43 0.00	45.83 3.39 0.00	53.84 4.30 0.00	56.19 3.22 0.00	52.45 2.85 0.00	52.93 3.13 0.00	58.08 3.65 0.00	77.22 5.58 0.00	138.32 8.91 0.00	238.69 12.99 0.00	80.50 3.98 0.00	61.77 4.25 0.00	56.02 3.72 0.00
NEWKRMKL_115KV_TB1 55635	37.77 0.80 0.00	26.84 0.77 0.00	22.51 0.69 0.00	23.84 0.69 0.00	26.03 0.74 0.00	30.69 0.88 0.00	36.46 0.92 0.00	41.36 1.16 0.00	41.52 1.07 0.00	45.10 1.00 0.00	47.53 1.13 0.00	46.82 1.12 0.00	43.68 1.24 0.00	50.93 1.39 0.00	54.58 1.61 0.00	50.99 1.40 0.00	51.03 1.24 0.00	55.81 1.38 0.00	74.11 2.46 0.00	133.60 4.18 0.00	232.35 6.64 0.00	78.20 1.67 0.00	58.97 1.45 0.00	53.51 1.21 0.00
NEWTON___FALLS_HYD 23847	36.11 -0.85 0.00	25.33 -0.74 0.00	21.12 -0.69 0.00	22.35 -0.81 0.00	24.32 -0.97 0.00	28.59 -1.23 0.00	34.14 -1.41 0.00	37.79 -2.41 0.00	37.82 -2.63 0.00	40.96 -3.14 0.00	42.61 -3.79 0.00	41.64 -4.06 0.00	37.57 -3.58 1.29	41.50 -4.41 3.63	14.42 -4.46 34.09	28.98 -3.89 16.72	47.29 -3.44 -0.93	52.25 -3.32 -1.14	69.24 -4.00 -1.59	127.27 -5.23 -2.66	224.17 -1.75 -3.70	77.16 -2.38 -2.38	56.54 -2.23 -1.24	50.21 -2.14 -0.05
NGRID_A1_DSASP 323792	33.75 -3.22 0.00	22.74 -2.45 0.89	12.57 -2.10 7.14	12.64 -2.29 8.22	12.26 -2.63 10.39	15.57 -3.16 11.09	20.14 -3.29 12.12	23.32 -3.69 13.20	22.77 -3.81 13.88	26.17 -3.44 14.49	36.19 -3.64 6.56	27.92 -2.98 14.79	25.56 -2.70 14.18	30.43 -3.30 15.81	33.11 -4.29 15.57	29.71 -4.03 15.86	29.07 -4.46 16.26	30.57 -5.23 18.63	38.58 -6.02 27.06	85.85 -10.03 33.54	153.26 -18.08 54.36	38.86 -6.28 31.39	34.54 -4.53 18.45	32.07 -3.27 16.96
NGRID_A2_DSASP 323793	33.75 -3.22 0.00	22.74 -2.45 0.89	12.57 -2.10 7.14	12.64 -2.29 8.22	12.26 -2.63 10.39	15.57 -3.16 11.09	20.14 -3.29 12.12	23.32 -3.69 13.20	22.77 -3.81 13.88	26.17 -3.44 14.49	36.19 -3.64 6.56	27.92 -2.98 14.79	25.56 -2.70 14.18	30.43 -3.30 15.81	33.11 -4.29 15.57	29.71 -4.03 15.86	29.07 -4.46 16.26	30.57 -5.23 18.63	38.58 -6.02 27.06	85.85 -10.03 33.54	153.26 -18.08 54.36	38.86 -6.28 31.39	34.54 -4.53 18.45	32.07 -3.27 16.96
NGRID_A4_DSASP 323807	33.75 -3.22 0.00	22.74 -2.45 0.89	12.57 -2.10 7.14	12.64 -2.29 8.22	12.26 -2.63 10.39	15.57 -3.16 11.09	20.14 -3.29 12.12	23.32 -3.69 13.20	22.77 -3.81 13.88	26.17 -3.44 14.49	36.19 -3.64 6.56	27.92 -2.98 14.79	25.56 -2.70 14.18	30.43 -3.30 15.81	33.11 -4.29 15.57	29.71 -4.03 15.86	29.07 -4.46 16.26	30.57 -5.23 18.63	38.58 -6.02 27.06	85.85 -10.03 33.54	153.26 -18.08 54.36	38.86 -6.28 31.39	34.54 -4.53 18.45	32.07 -3.27 16.96
NIAGARA_115E_LBMP 323715	33.28 -3.69 0.00	22.43 -2.75 0.89	12.42 -2.19 7.21	12.48 -2.38 8.30	12.14 -2.68 10.48	15.52 -3.23 11.07	20.00 -3.33 12.21	23.39 -3.70 13.11	22.86 -3.80 13.80	26.04 -3.47 14.60	35.86 -3.85 6.68	27.58 -3.01 15.10	25.23 -2.74 14.47	30.19 -3.56 15.78	32.81 -4.59 15.57	29.44 -4.32 15.83	28.74 -4.78 16.28	31.17 -5.66 17.60	43.45 -6.86 21.34	86.19 -10.79 32.43	156.25 -19.22 50.24	47.31 -6.80 22.41	34.78 -4.40 18.34	32.27 -3.18 16.84
NIAGARA_115W_LBMP 323714	33.69 -3.28 0.00	22.70 -2.49 0.89	12.57 -2.10 7.14	12.64 -2.30 8.21	12.29 -2.62 10.38	15.57 -3.17 11.08	20.16 -3.28 12.11	23.37 -3.64 13.19	22.86 -3.73 13.87	26.21 -3.41 14.48	36.18 -3.66 6.56	27.98 -2.94 14.78	25.61 -2.66 14.17	30.34 -3.40 15.80	32.98 -4.43 15.56	29.60 -4.15 15.84	29.03 -4.52 16.25	30.68 -5.14 18.61	38.40 -6.20 27.04	86.17 -9.73 33.51	153.82 -17.56 54.32	38.87 -6.28 31.37	34.58 -4.51 18.43	32.12 -3.24 16.95
NIAGARA_230_LBMP 323716	33.71 -3.26 0.00	22.72 -2.48 0.88	12.63 -2.10 7.08	12.71 -2.30 8.15	12.37 -2.62 10.30	15.65 -3.17 11.00	20.24 -3.29 12.01	23.46 -3.64 13.09	22.95 -3.74 13.77	26.32 -3.41 14.37	36.24 -3.65 6.50	28.07 -2.97 14.66	25.70 -2.69 14.05	30.42 -3.44 15.68	33.19 -4.34 15.44	29.82 -4.07 15.70	29.59 -4.35 15.87	31.21 -4.99 18.23	42.46 -5.94 23.24	87.85 -9.32 32.25	160.12 -16.78 48.81	48.71 -6.01 21.81	34.75 -4.47 18.30	32.20 -3.28 16.82
NIAGARA___115KV_198_GIBSON 55903	33.69 -3.27 0.00	22.70 -2.49 0.89	12.54 -2.14 7.14	12.62 -2.31 8.21	12.24 -2.66 10.38	15.54 -3.20 11.08	20.10 -3.34 12.11	23.26 -3.76 13.19	22.73 -3.86 13.87	26.10 -3.52 14.48	36.13 -3.71 6.56	27.87 -3.05 14.78	25.51 -2.76 14.17	30.37 -4.38 15.80	33.03 -4.38 15.56	29.64 -4.11 15.84	28.95 -4.59 16.25	30.46 -5.36 18.61	38.42 -6.19 27.04	85.55 -10.36 33.51	152.69 -18.70 54.32	38.69 -6.46 31.37	34.48 -4.61 18.43	32.01 -3.34 16.95
NIAGARA____ 23760	33.71 -3.26 0.00	22.72 -2.48 0.88	12.61 -2.10 7.11	12.68 -2.30 8.18	12.34 -2.62 10.33	15.63 -3.17 11.01	20.21 -3.29 12.05	23.45 -3.64 13.10	22.93 -3.74 13.78	26.28 -3.41 14.41	36.22 -3.65 6.53	28.01 -2.97 14.72	25.64 -2.69 14.11	30.39 -3.44 15.71	33.15 -4.34 15.48	29.77 -4.07 15.75	29.43 -4.35 16.02	31.33 -4.99 18.12	42.30 -5.94 23.41	87.58 -9.32 32.52	158.74 -16.78 50.18	46.83 -6.01 23.68	34.73 -4.47 18.32	32.18 -3.28 16.84
NINE_MILE_1 23575	35.89 -1.07 0.00	25.37 -0.71 0.00	21.20 -0.61 0.00	22.48 -0.67 0.00	24.56 -0.74 0.00	28.96 -0.86 0.00	34.57 -0.97 0.00	39.05 -1.14 0.00	39.23 -1.22 0.00	42.81 -1.29 0.00	45.03 -1.37 0.00	44.34 -1.36 0.00	39.07 -1.36 2.01	28.23 -1.56 19.75	27.59 -1.70 23.68	27.80 -1.59 20.21	27.68 -1.53 20.60	27.75 -1.59 25.09	27.65 -1.73 42.27	68.17 -2.69 58.56	139.04 -5.19 81.48	22.08 -1.99 52.46	28.49 -1.66 27.37	49.69 -1.50 1.11

NINE_MILE_2 23744	35.90 -1.07 0.00	25.37 -0.71 0.00	21.20 -0.61 0.00	22.48 -0.67 0.00	24.56 -0.73 0.00	28.96 -0.86 0.00	34.57 -0.97 0.00	39.06 -1.14 0.00	39.24 -1.22 0.00	42.81 -1.29 0.00	45.03 -1.36 0.00	44.36 -1.34 0.00	39.04 -1.36 2.04	27.93 -1.56 20.05	27.23 -1.70 24.04	27.50 -1.58 20.52	27.37 -1.52 20.91	27.37 -1.59 25.47	27.01 -1.73 42.91	67.28 -2.69 59.45	137.81 -5.19 82.71	21.28 -1.99 53.26	28.07 -1.66 27.78	49.68 -1.50 1.13
NM_CAPITAL___DRP 24208	37.83 0.86 0.00	26.89 0.81 0.00	22.55 0.73 0.00	23.88 0.73 0.00	26.08 0.79 0.00	30.76 0.94 0.00	36.54 0.99 0.00	41.45 1.25 0.00	41.61 1.15 0.00	45.19 1.09 0.00	47.62 1.22 0.00	46.93 1.23 0.00	43.74 1.30 0.00	51.00 1.46 0.00	54.65 1.68 0.00	51.01 1.42 0.00	51.00 1.20 0.00	55.76 1.33 0.00	74.03 2.38 0.00	133.53 4.11 0.00	232.35 6.64 0.00	78.18 1.66 0.00	59.02 1.50 0.00	53.55 1.25 0.00
NM_CENTRAL___DRP 24181	36.57 -0.40 0.00	25.81 -0.28 0.00	21.56 -0.26 0.00	22.85 -0.30 0.00	24.96 -0.33 0.00	29.45 -0.37 0.00	35.21 -0.34 0.00	39.79 -0.40 0.00	39.93 -0.53 0.00	43.60 -0.51 0.00	45.87 -0.52 0.00	45.25 -0.45 0.00	42.20 -0.43 -0.20	51.03 -0.44 -1.93	54.79 -0.50 -2.31	51.14 -0.43 -1.98	51.51 -0.31 -2.01	56.68 -0.20 -2.45	76.09 0.31 -4.13	136.18 1.04 -5.72	234.82 1.15 -7.96	81.65 0.00 -5.13	59.90 -0.29 -2.67	52.12 -0.29 -0.11
NM_FRONTIER___DRP 24179	33.69 -3.27 0.00	22.70 -2.49 0.89	12.54 -2.14 7.14	12.62 -2.31 8.21	12.24 -2.66 10.38	15.54 -3.20 11.08	20.10 -3.34 12.11	23.26 -3.76 13.19	22.73 -3.86 13.87	26.10 -3.52 14.48	36.13 -3.71 6.56	27.87 -3.05 14.78	25.51 -2.76 14.17	30.37 -3.37 15.80	33.03 -4.38 15.56	29.64 -4.11 15.84	28.95 -4.59 16.25	30.46 -5.36 18.61	38.42 -6.19 27.04	85.55 -10.36 33.51	152.69 -18.70 54.32	38.69 -6.46 31.37	34.48 -4.61 18.43	32.01 -3.34 16.95
NM_ST_REGIS___HYD 24053	36.02 -0.94 0.00	25.32 -0.76 0.00	21.12 -0.70 0.00	22.37 -0.78 0.00	24.41 -0.88 0.00	28.81 -1.01 0.00	34.13 -1.41 0.00	37.83 -2.36 0.00	38.36 -2.09 0.00	41.58 -2.52 0.00	43.43 -2.96 0.00	42.50 -3.20 0.00	38.85 -2.88 0.71	43.56 -3.65 2.32	31.19 -3.85 17.93	37.29 -3.32 8.98	46.67 -3.13 0.00	51.06 -3.37 0.00	66.25 -5.08 0.32	121.65 -7.77 0.00	215.08 -10.62 0.00	73.25 -3.28 0.00	54.77 -2.75 0.00	49.84 -2.46 0.00
NORTHPORT___1 23551	39.29 2.32 0.00	28.06 1.98 0.00	23.39 1.57 0.00	24.72 1.57 0.00	27.01 1.72 0.00	31.87 2.06 0.00	37.95 2.41 0.00	43.19 3.00 0.00	43.53 3.08 0.00	47.78 3.68 0.00	52.98 4.37 -2.22	53.71 3.95 -4.06	56.68 3.42 -10.82	62.73 4.22 -8.97	86.67 4.32 -29.38	98.56 4.12 -44.85	120.11 4.39 -65.92	86.35 5.02 -26.90	85.63 7.29 -6.68	140.57 11.15 0.00	241.18 15.48 0.00	81.16 4.63 0.00	60.81 3.29 0.00	55.59 3.29 0.00
NORTHPORT___2 23552	39.29 2.32 0.00	28.06 1.98 0.00	23.39 1.57 0.00	24.72 1.57 0.00	27.01 1.72 0.00	31.87 2.06 0.00	37.95 2.41 0.00	43.19 3.00 0.00	43.53 3.08 0.00	47.78 3.68 0.00	52.98 4.37 -2.22	53.71 3.95 -4.06	56.68 3.42 -10.82	62.73 4.22 -8.97	86.67 4.32 -29.38	98.56 4.12 -44.85	120.11 4.39 -65.92	86.35 5.02 -26.90	85.63 7.29 -6.68	140.57 11.15 0.00	241.18 15.48 0.00	81.16 4.63 0.00	60.81 3.29 0.00	55.59 3.29 0.00
NORTHPORT___3 23553	39.26 2.29 0.00	28.04 1.96 0.00	23.37 1.55 0.00	24.70 1.55 0.00	26.98 1.69 0.00	31.84 2.03 0.00	37.91 2.37 0.00	43.16 2.97 0.00	43.51 3.05 0.00	47.76 3.66 0.00	52.95 4.34 -2.22	53.68 3.93 -4.06	56.67 3.42 -10.82	62.73 4.22 -8.97	86.68 4.33 -29.38	98.57 4.13 -44.85	120.13 4.39 -65.94	86.38 5.04 -26.91	85.63 7.29 -6.68	140.52 11.10 0.00	241.18 15.48 0.00	81.15 4.62 0.00	60.79 3.27 0.00	55.56 3.27 0.00
NORTHPORT___4 23650	39.26 2.29 0.00	28.04 1.96 0.00	23.37 1.55 0.00	24.70 1.55 0.00	26.98 1.69 0.00	31.84 2.03 0.00	37.91 2.37 0.00	43.16 2.97 0.00	43.51 3.05 0.00	47.76 3.66 0.00	52.95 4.34 -2.22	53.68 3.93 -4.06	56.67 3.42 -10.82	62.73 4.22 -8.97	86.68 4.33 -29.38	98.57 4.13 -44.85	120.13 4.39 -65.94	86.38 5.04 -26.91	85.63 7.29 -6.68	140.52 11.10 0.00	241.18 15.48 0.00	81.15 4.62 0.00	60.79 3.27 0.00	55.56 3.27 0.00
NORTHPORT___IC 23718	39.29 2.32 0.00	28.06 1.98 0.00	23.39 1.57 0.00	24.72 1.57 0.00	27.01 1.72 0.00	31.88 2.07 0.00	37.95 2.41 0.00	43.20 3.01 0.00	43.55 3.09 0.00	47.80 3.69 0.00	52.98 4.37 -2.22	53.71 3.96 -4.06	56.68 3.42 -10.82	62.74 4.23 -8.97	86.66 4.32 -29.38	98.56 4.12 -44.85	120.13 4.41 -65.92	86.36 5.03 -26.90	85.64 7.31 -6.68	140.59 11.18 0.00	241.19 15.49 0.00	81.17 4.64 0.00	60.84 3.32 0.00	55.62 3.32 0.00
NORTH___COUNTRY_ESR 323785	36.38 -0.59 0.00	25.59 -0.49 0.00	21.34 -0.47 0.00	22.61 -0.54 0.00	24.68 -0.61 0.00	29.17 -0.65 0.00	34.80 -0.75 0.00	38.74 -1.46 0.00	39.80 -0.66 0.00	43.20 -0.91 0.00	45.42 -0.98 0.00	44.55 -1.15 0.00	41.21 -1.00 0.23	47.44 -1.34 0.75	45.75 -1.41 5.81	45.57 -1.11 2.91	48.84 -0.96 0.00	53.20 -1.23 0.00	69.48 -2.70 -0.52	124.94 -4.47 0.00	219.41 -6.29 0.00	74.71 -1.82 0.00	56.20 -1.32 0.00	50.85 -1.45 0.00
NPX_GEN_1385_PROXY 323591	39.29 2.32 0.00	28.06 1.98 0.00	23.39 1.57 0.00	24.72 1.57 0.00	27.01 1.72 0.00	31.87 2.06 0.00	37.95 2.41 0.00	43.19 3.00 0.00	43.53 3.08 0.00	47.78 3.68 0.00	52.98 4.37 -2.22	53.71 3.95 -4.06	56.68 3.42 -10.82	62.73 4.22 -8.97	86.67 4.32 -29.38	98.56 4.12 -44.85	120.11 4.39 -65.92	86.35 5.02 -26.90	85.63 7.29 -6.68	140.57 11.15 0.00	241.18 15.48 0.00	81.81 4.63 -0.66	60.81 3.29 0.00	55.59 3.29 0.00
NPX_GEN_CSC 323557	39.05 2.08 0.00	28.10 2.02 0.00	23.38 1.56 0.00	24.81 1.65 0.00	27.12 1.82 0.00	32.04 2.22 0.00	38.23 2.68 0.00	43.24 3.04 0.00	43.44 2.98 0.00	47.71 3.61 0.00	52.89 4.27 -2.22	53.37 3.62 -4.06	56.42 3.16 -10.82	62.55 4.03 -8.98	86.56 4.22 -29.38	98.42 3.96 -44.87	120.08 4.23 -66.05	86.14 4.72 -26.99	85.72 7.40 -6.68	140.70 11.28 0.00	240.78 15.08 0.00	81.70 4.52 -0.66	60.70 3.18 0.00	55.40 3.10 0.00
NSINS_S_GLNS_FALLS 23858	39.16 2.20 0.00	27.86 1.78 0.00	23.30 1.49 0.00	24.68 1.53 0.00	26.98 1.69 0.00	31.89 2.07 0.00	38.00 2.46 0.00	42.99 2.79 0.00	43.03 2.58 0.00	46.36 2.26 0.00	48.66 2.27 0.00	47.88 2.17 0.00	44.35 1.91 0.00	51.61 2.07 0.00	55.06 2.09 0.00	51.36 1.76 0.00	51.37 1.56 0.00	56.45 2.02 0.00	75.63 3.98 0.00	137.75 8.33 0.00	240.41 14.70 0.00	80.94 4.42 0.00	61.21 3.69 0.00	55.42 3.12 0.00
NUCOR_STEEL___DRP 24197	37.02 0.06 0.00	26.09 0.01 0.00	21.79 -0.02 0.00	23.02 -0.13 0.00	25.24 -0.05 0.00	29.80 -0.02 0.00	35.69 0.14 0.00	40.17 -0.03 0.00	40.14 -0.31 0.00	43.77 -0.33 0.00	46.00 -0.40 0.00	45.40 -0.30 0.00	42.50 -0.27 -0.33	52.59 -0.17 -3.22	56.58 -0.25 -3.86	52.68 -0.21 -3.29	53.27 0.12 -3.36	58.91 0.40 -4.09	79.46 0.93 -6.89	141.47 2.51 -9.54	242.74 3.76 -13.28	86.20 1.12 -8.55	62.53 0.55 -4.46	52.96 0.48 -0.18

NUMBER_THREE_WT_PWR 323818	37.12 0.15 0.00	26.00 -0.08 0.00	21.68 -0.14 0.00	22.90 -0.25 0.00	24.85 -0.44 0.00	29.05 -0.77 0.00	35.00 -0.55 0.00	39.00 -1.19 0.00	38.88 -1.57 0.00	42.20 -1.90 0.00	43.68 -2.72 0.00	42.42 -3.28 0.00	36.87 -2.68 2.89	37.34 -3.41 8.79	-22.09 -3.11 71.96	16.35 -2.90 30.34	48.83 -2.16 -1.19	54.35 -1.53 -1.45	73.07 -0.87 -2.29	134.58 1.77 -3.39	236.39 5.97 -4.72	81.35 1.78 -3.04	58.87 -0.23 -1.59	51.86 -0.50 -0.06
NYISO_LBMP_REFERENCE 24008	36.96 0.00 0.00	26.08 0.00 0.00	21.82 0.00 0.00	23.15 0.00 0.00	25.29 0.00 0.00	29.82 0.00 0.00	35.54 0.00 0.00	40.20 0.00 0.00	40.46 0.00 0.00	44.10 0.00 0.00	46.40 0.00 0.00	45.70 0.00 0.00	42.44 0.00 0.00	49.54 0.00 0.00	52.97 0.00 0.00	49.60 0.00 0.00	49.80 0.00 0.00	54.43 0.00 0.00	71.65 0.00 0.00	129.42 0.00 0.00	225.70 0.00 0.00	76.53 0.00 0.00	57.52 0.00 0.00	52.30 0.00 0.00
NYPA_BRENTWD____GT 24164	39.69 2.72 0.00	28.32 2.25 0.00	23.60 1.79 0.00	24.95 1.79 0.00	27.26 1.97 0.00	32.19 2.37 0.00	38.37 2.83 0.00	43.68 3.48 0.00	43.93 3.47 0.00	48.22 4.12 0.00	53.56 4.94 -2.22	54.29 4.54 -4.06	57.28 4.02 -10.82	63.29 4.76 -8.99	87.12 4.77 -29.38	99.04 4.55 -44.90	120.91 4.86 -66.25	87.20 5.62 -27.15	86.49 8.16 -6.69	142.14 12.72 0.00	243.84 18.14 0.00	82.07 5.54 0.00	61.64 4.12 0.00	56.35 4.05 0.00
NYPA_GOWANUS____GT5 24156	39.45 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.70 0.00	31.81 1.99 0.00	37.98 2.43 0.00	43.51 3.32 0.00	43.96 3.50 0.00	48.19 4.09 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.49 5.99 -31.52	105.17 5.48 -50.09	127.91 5.53 -72.58	90.83 6.09 -30.31	86.53 8.18 -6.71	142.14 12.72 0.00	244.76 19.06 0.00	82.75 6.22 0.00	62.03 4.51 0.00	56.42 4.12 0.00
NYPA_GOWANUS____GT6 24157	39.45 2.49 0.00	28.12 2.04 0.00	23.45 1.64 0.00	24.74 1.59 0.00	27.00 1.70 0.00	31.81 1.99 0.00	37.98 2.43 0.00	43.51 3.32 0.00	43.96 3.50 0.00	48.19 4.09 0.00	53.47 4.64 -2.43	55.15 4.82 -4.63	59.56 4.75 -12.38	65.33 5.56 -10.24	90.49 5.99 -31.52	105.17 5.48 -50.09	127.91 5.53 -72.58	90.83 6.09 -30.31	86.53 8.18 -6.71	142.14 12.72 0.00	244.76 19.06 0.00	82.75 6.22 0.00	62.03 4.51 0.00	56.42 4.12 0.00
NYPA_HARLEM__RVR__GT1 24160	39.28 2.31 0.00	28.06 1.98 0.00	23.41 1.59 0.00	24.69 1.54 0.00	26.95 1.67 0.00	31.78 1.96 0.00	37.82 2.27 0.00	43.35 3.15 0.00	43.85 3.39 0.00	48.02 3.92 0.00	53.15 4.33 -2.43	54.71 4.48 -4.53	58.91 4.37 -12.10	64.81 5.21 -10.06	90.16 5.67 -31.52	104.78 5.19 -49.99	127.82 5.44 -72.58	90.38 5.91 -30.04	86.38 8.03 -6.70	142.02 12.60 0.00	244.55 18.85 0.00	82.53 6.00 0.00	61.79 4.27 0.00	56.17 3.88 0.00
NYPA_HARLEM__RVR__GT2 24161	39.28 2.31 0.00	28.06 1.98 0.00	23.41 1.59 0.00	24.69 1.54 0.00	26.95 1.67 0.00	31.78 1.96 0.00	37.82 2.27 0.00	43.35 3.15 0.00	43.85 3.39 0.00	48.02 3.92 0.00	53.15 4.33 -2.43	54.71 4.48 -4.53	58.91 4.37 -12.10	64.81 5.21 -10.06	90.16 5.67 -31.52	104.78 5.19 -49.99	127.82 5.44 -72.58	90.38 5.91 -30.04	86.38 8.03 -6.70	142.02 12.60 0.00	244.55 18.85 0.00	82.53 6.00 0.00	61.79 4.27 0.00	56.17 3.88 0.00
NYPA_KENT____GT 24152	39.40 2.43 0.00	28.10 2.02 0.00	23.45 1.63 0.00	24.73 1.57 0.00	26.99 1.70 0.00	31.80 1.98 0.00	37.95 2.40 0.00	43.48 3.28 0.00	43.94 3.48 0.00	48.17 4.07 0.00	53.38 4.55 -2.43	55.00 4.71 -4.59	59.30 4.60 -12.26	65.13 5.43 -10.16	90.34 5.84 -31.53	104.88 5.35 -49.94	127.77 5.39 -72.59	90.21 5.90 -29.87	86.40 8.05 -6.70	141.88 12.47 0.00	244.30 18.59 0.00	82.51 5.98 0.00	61.87 4.35 0.00	56.30 4.00 0.00
NYPA_POUCH1____GT 24155	39.46 2.49 0.00	28.11 2.03 0.00	23.45 1.63 0.00	24.73 1.58 0.00	26.98 1.70 0.00	31.80 1.98 0.00	37.97 2.42 0.00	43.50 3.30 0.00	43.93 3.47 0.00	48.11 4.01 0.00	53.38 4.56 -2.43	55.08 4.75 -4.63	59.55 4.74 -12.38	65.25 5.48 -10.24	90.46 5.96 -31.52	105.21 5.52 -50.09	127.97 5.59 -72.58	90.96 6.22 -30.31	86.68 8.32 -6.71	142.30 12.88 0.00	245.06 19.35 0.00	82.89 6.36 0.00	62.07 4.54 0.00	56.46 4.16 0.00
NYPA_VERNON____GT2 24162	39.35 2.38 0.00	28.07 1.99 0.00	23.44 1.62 0.00	24.72 1.57 0.00	26.98 1.69 0.00	31.78 1.97 0.00	37.91 2.37 0.00	43.44 3.25 0.00	43.91 3.45 0.00	48.14 4.04 0.00	53.30 4.47 -2.43	54.85 4.60 -4.55	59.03 4.44 -12.15	64.94 5.31 -10.09	90.23 5.73 -31.53	104.79 5.21 -49.98	127.66 5.28 -72.59	90.19 5.76 -29.99	86.32 7.96 -6.70	141.73 12.31 0.00	243.95 18.24 0.00	82.34 5.81 0.00	61.73 4.21 0.00	56.18 3.88 0.00
NYPA_VERNON____GT3 24163	39.35 2.38 0.00	28.07 1.99 0.00	23.44 1.62 0.00	24.72 1.57 0.00	26.98 1.69 0.00	31.78 1.97 0.00	37.91 2.37 0.00	43.44 3.25 0.00	43.91 3.45 0.00	48.14 4.04 0.00	53.30 4.47 -2.43	54.85 4.60 -4.55	59.03 4.44 -12.15	64.94 5.31 -10.09	90.23 5.73 -31.53	104.79 5.21 -49.98	127.66 5.28 -72.59	90.19 5.76 -29.99	86.32 7.96 -6.70	141.73 12.31 0.00	243.95 18.24 0.00	82.34 5.81 0.00	61.73 4.21 0.00	56.18 3.88 0.00
NYPA__ASTORIA_CC1 323568	39.28 2.32 0.00	28.05 1.97 0.00	23.42 1.60 0.00	24.70 1.55 0.00	26.96 1.67 0.00	31.74 1.92 0.00	37.85 2.31 0.00	43.36 3.17 0.00	43.83 3.38 0.00	48.05 3.95 0.00	53.20 4.38 -2.43	54.73 4.50 -4.53	58.89 4.36 -12.10	64.78 5.18 -10.06	90.08 5.59 -31.52	104.67 5.08 -49.99	127.53 5.15 -72.58	90.10 5.63 -30.04	86.16 7.80 -6.70	141.42 12.00 0.00	243.44 17.74 0.00	82.19 5.67 0.00	61.64 4.12 0.00	56.11 3.81 0.00
NYPA__ASTORIA_CC2 323569	39.28 2.32 0.00	28.05 1.97 0.00	23.42 1.60 0.00	24.70 1.55 0.00	26.96 1.67 0.00	31.74 1.92 0.00	37.85 2.31 0.00	43.36 3.17 0.00	43.83 3.38 0.00	48.05 3.95 0.00	53.20 4.38 -2.43	54.73 4.50 -4.53	58.89 4.36 -12.10	64.78 5.18 -10.06	90.08 5.59 -31.52	104.67 5.08 -49.99	127.53 5.15 -72.58	90.10 5.63 -30.04	86.16 7.80 -6.70	141.42 12.00 0.00	243.44 17.74 0.00	82.19 5.67 0.00	61.64 4.12 0.00	56.11 3.81 0.00
NYPA__HOLTSVILL 23794	39.43 2.46 0.00	28.21 2.13 0.00	23.50 1.68 0.00	24.87 1.72 0.00	27.18 1.88 0.00	32.10 2.28 0.00	38.26 2.72 0.00	43.49 3.29 0.00	43.79 3.33 0.00	48.08 3.99 0.00	53.28 4.67 -2.22	53.91 4.16 -4.06	56.91 3.65 -10.82	62.98 4.47 -8.98	86.89 4.54 -29.38	98.77 4.31 -44.86	120.46 4.62 -66.04	86.67 5.25 -26.98	86.11 7.78 -6.68	141.40 11.99 0.00	242.39 16.69 0.00	81.56 5.03 0.00	61.14 3.62 0.00	55.84 3.55 0.00
NYPA__HELLGATE_GT1 24158	39.28 2.31 0.00	28.06 1.98 0.00	23.41 1.59 0.00	24.69 1.54 0.00	26.95 1.67 0.00	31.78 1.96 0.00	37.82 2.27 0.00	43.35 3.15 0.00	43.85 3.39 0.00	48.02 3.92 0.00	53.17 4.35 -2.43	54.70 4.47 -4.53	58.91 4.37 -12.10	64.81 5.21 -10.06	90.16 5.66 -31.52	104.78 5.19 -49.99	127.82 5.44 -72.58	90.38 5.91 -30.04	86.38 8.03 -6.70	142.02 12.60 0.00	244.55 18.85 0.00	82.53 6.00 0.00	61.79 4.27 0.00	56.17 3.88 0.00

NYPA_____HELLGATE_GT2 24159	39.28	28.06	23.41	24.69	26.95	31.78	37.82	43.35	43.85	48.02	53.17	54.70	58.91	64.81	90.16	104.78	127.82	90.38	86.38	142.02	244.55	82.53	61.79	56.17
	2.31	1.98	1.59	1.54	1.67	1.96	2.27	3.15	3.39	3.92	4.35	4.47	4.37	5.21	5.66	5.19	5.44	5.91	8.03	12.60	18.85	6.00	4.27	3.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.43	-4.53	-12.10	-10.06	-31.52	-49.99	-72.58	-30.04	-6.70	0.00	0.00	0.00	0.00	0.00
NYS_BARGE___HYD 23848	33.94	22.94	13.30	13.46	13.31	16.79	21.47	24.96	24.49	27.81	37.09	29.45	27.03	32.18	34.91	31.52	31.03	34.40	48.20	92.52	166.10	51.03	37.25	34.46
	-3.03	-2.31	-1.87	-2.05	-2.32	-2.80	-2.80	-3.08	-3.21	-2.84	-3.16	-2.40	-2.14	-2.80	-3.70	-3.46	-3.83	-4.46	-5.15	-7.52	-13.51	-4.92	-3.32	-2.27
	0.00	0.82	6.64	7.65	9.66	10.23	11.27	12.16	12.76	13.45	6.14	13.86	13.26	14.56	14.36	14.62	14.93	15.57	18.30	29.38	46.09	20.57	16.95	15.58
OAK ORCHARD___HYD 24046	35.85	25.18	21.00	22.23	24.24	28.60	34.44	38.95	39.05	43.00	45.28	45.01	41.89	48.84	51.91	48.67	48.91	53.55	71.25	129.89	225.47	75.97	56.80	51.89
	-1.12	-0.89	-0.81	-0.92	-1.05	-1.22	-1.11	-1.26	-1.42	-1.11	-1.12	-0.69	-0.55	-0.72	-1.07	-0.94	-0.89	-0.88	-0.39	0.48	-0.23	-0.56	-0.75	-0.43
	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.02	-0.01	0.00	0.00	0.00	-0.02	-0.02	-0.02	0.00	0.00	0.01	0.00	0.00	0.00	-0.02	-0.02
OAKDALE___35_KV_LOAD 356122	36.89	25.96	21.70	23.02	25.14	29.64	35.49	40.37	40.52	44.30	46.50	46.00	43.01	51.54	55.26	51.59	51.83	56.98	76.50	136.76	235.43	80.94	59.74	52.65
	-0.07	-0.12	-0.12	-0.13	-0.16	-0.18	-0.05	0.17	0.06	0.20	0.11	0.30	0.43	0.69	0.70	0.65	0.65	0.74	1.75	3.35	4.29	0.92	0.40	0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	-1.32	-1.58	-1.35	-1.38	-1.81	-3.10	-4.00	-5.44	-3.50	-1.83	-0.07
OCC_CHEM___DRP 24175	33.75	22.74	12.57	12.64	12.26	15.57	20.14	23.32	22.77	26.17	36.19	27.92	25.56	30.43	33.11	29.71	29.07	30.57	38.58	85.85	153.26	38.86	34.54	32.07
	-3.22	-2.45	-2.10	-2.29	-2.63	-3.16	-3.29	-3.69	-3.81	-3.44	-3.64	-2.98	-2.70	-3.30	-4.29	-4.03	-4.46	-5.23	-6.02	-10.03	-18.08	-6.28	-4.53	-3.27
	0.00	0.89	7.14	8.22	10.39	11.09	12.12	13.20	13.88	14.49	6.56	14.79	14.18	15.81	15.57	15.86	16.26	18.63	27.06	33.54	54.36	31.39	18.45	16.96
OH_GEN_PROXY 24063	33.81	22.89	13.46	13.67	13.58	16.95	21.68	24.99	24.46	27.90	37.04	29.66	27.22	32.16	34.96	31.58	31.40	33.35	45.28	91.70	165.94	51.86	36.74	33.97
	-3.15	-2.41	-2.05	-2.23	-2.54	-3.08	-3.18	-3.51	-3.61	-3.27	-3.50	-2.84	-2.57	-3.27	-4.11	-3.88	-4.11	-4.72	-5.56	-8.71	-15.80	-5.67	-4.31	-3.18
	0.00	0.78	6.31	7.26	9.17	9.79	10.69	11.69	12.39	12.94	5.86	13.20	12.66	14.11	13.90	14.13	14.28	16.35	20.81	29.00	43.96	18.99	16.47	15.14
OLIN_CORP_DRP 24177	33.35	22.46	12.28	12.32	11.92	15.28	19.73	23.01	22.38	25.61	35.72	27.20	24.86	29.88	32.50	29.11	28.41	30.73	43.05	85.17	154.56	46.81	33.99	31.74
	-3.61	-2.71	-2.20	-2.38	-2.71	-3.26	-3.38	-3.82	-3.94	-3.57	-3.86	-3.10	-2.82	-3.50	-4.54	-4.29	-4.77	-5.70	-6.73	-11.14	-19.90	-6.85	-4.75	-3.31
	0.00	0.91	7.34	8.45	10.67	11.28	12.43	13.38	14.13	14.92	6.82	15.40	14.77	16.16	15.93	16.20	16.61	18.00	21.87	33.11	51.24	22.87	18.78	17.25
OLIN_CORP_DSASP 323712	33.75	22.74	12.57	12.64	12.26	15.57	20.14	23.32	22.77	26.17	36.19	27.92	25.56	30.43	33.11	29.71	29.07	30.57	38.58	85.85	153.26	38.86	34.54	32.07
	-3.22	-2.45	-2.10	-2.29	-2.63	-3.16	-3.29	-3.69	-3.81	-3.44	-3.64	-2.98	-2.70	-3.30	-4.29	-4.03	-4.46	-5.23	-6.02	-10.03	-18.08	-6.28	-4.53	-3.27
	0.00	0.89	7.14	8.22	10.39	11.09	12.12	13.20	13.88	14.49	6.56	14.79	14.18	15.81	15.57	15.86	16.26	18.63	27.06	33.54	54.36	31.39	18.45	16.96
ONEIDA_HERK_LFGE 323681	37.65	26.45	22.08	23.36	25.44	29.91	35.92	40.30	40.19	43.67	45.45	44.49	42.93	53.43	85.11	65.71	50.42	55.83	74.91	136.90	239.06	81.82	59.99	53.25
	0.68	0.37	0.26	0.21	0.15	0.09	0.38	0.10	-0.26	-0.44	-0.94	-1.21	-0.86	-1.08	-0.85	-0.79	-0.27	0.31	1.51	4.94	9.83	3.02	1.28	0.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.34	-4.97	-32.98	-16.90	-0.89	-1.09	-1.75	-2.54	-3.53	-2.27	-1.19	-0.05
ONEIDA___115KV_TB4 55905	37.86	26.67	22.27	23.59	25.74	30.39	36.36	41.01	40.90	44.51	46.63	45.93	43.29	52.36	64.74	56.24	51.77	57.08	76.57	138.80	240.83	82.54	60.96	53.97
	0.89	0.59	0.46	0.44	0.45	0.57	0.82	0.81	0.45	0.41	0.23	0.23	0.35	0.49	0.61	0.60	0.87	1.32	2.70	6.26	10.78	3.22	1.98	1.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-2.32	-11.16	-6.04	-1.10	-1.34	-2.22	-3.12	-4.34	-2.80	-1.46	-0.06
ONONDAGA_REF_OCCRA 23987	36.81	25.97	21.68	22.99	25.11	29.63	35.43	40.05	40.16	43.82	46.10	45.48	42.49	51.74	55.61	51.87	52.26	57.57	77.51	138.51	238.44	83.35	60.92	52.52
	-0.15	-0.11	-0.13	-0.16	-0.17	-0.19	-0.12	-0.15	-0.30	-0.28	-0.29	-0.21	-0.19	-0.13	-0.16	-0.12	0.03	0.18	0.87	2.17	3.11	0.62	0.16	0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	-2.33	-2.80	-2.39	-2.43	-2.96	-4.99	-6.92	-9.63	-6.20	-3.23	-0.13
ONONDAGA___COGEN 23986	36.77	25.94	21.67	22.97	25.10	29.62	35.41	39.99	40.09	43.75	46.02	45.39	42.50	52.86	56.98	53.01	53.44	59.06	79.97	141.77	242.83	86.49	62.53	52.49
	-0.20	-0.13	-0.15	-0.18	-0.19	-0.20	-0.14	-0.20	-0.36	-0.35	-0.38	-0.31	-0.31	-0.26	-0.30	-0.26	-0.10	0.07	0.64	1.72	2.33	0.43	0.04	-0.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.36	-3.59	-4.30	-3.67	-3.74	-4.55	-7.68	-10.64	-14.80	-9.53	-4.97	-0.20
ONTARIO___LFGE 23819	36.65	26.18	25.39	27.27	30.57	35.41	41.88	46.88	47.35	51.36	49.19	53.35	51.07	60.42	63.52	59.20	59.63	65.63	87.03	154.25	263.54	93.14	69.76	61.83
	-0.31	-0.40	-0.40	-0.45	-0.49	-0.54	-0.29	-0.26	-0.60	-0.58	-0.77	-0.47	-0.29	-0.12	-0.25	-0.25	-0.16	0.13	1.14	3.68	5.57	1.15	0.39	0.18
	0.00	-0.50	-3.98	-4.57	-5.77	-6.14	-6.62	-6.94	-7.49	-7.84	-3.57	-8.12	-8.91	-11.01	-10.80	-9.85	-9.99	-11.08	-14.24	-21.16	-32.27	-15.46	-11.85	-9.34
ORANGEVILLE_WT_PWR 323706	34.50	20.56	-7.09	-9.99	-16.31	-14.74	-12.54	-10.39	-8.06	-6.45	21.53	-5.92	-6.84	-4.93	-1.23	-5.09	-5.72	-4.97	1.01	20.17	54.66	1.11	-5.77	-6.44
	-2.46	-2.16	-1.84	-1.98	-2.22	-2.65	-2.63	-2.75	-2.84	-2.73	-3.16	-2.63	-2.24	-2.74	-3.41	-3.05	-3.23	-3.59	-4.13	-6.04	-10.46	-4.11	-3.37	-3.02
	0.00	3.36	27.07	31.17	39.38	41.91	45.46	47.84	45.67	47.82	21.71	48.99	47.03	51.73	50.79	51.63	52.28	55.81	66.52	103.20	160.59	71.31	59.92	55.72
ORANGEVILLE___ESR 323794	34.50	20.56	-7.09	-9.99	-16.31	-14.74	-12.54	-10.39	-8.06	-6.45	21.53	-5.92	-6.84	-4.93	-1.23	-5.09	-5.72	-4.97	1.01	20.17	54.66	1.11	-5.77	-6.44
	-2.46	-2.16	-1.84	-1.98	-2.22	-2.65	-2.63	-2.75	-2.84	-2.73	-3.16	-2.63	-2.24	-2.74	-3.41	-3.05	-3.23	-3.59	-4.13	-6.04	-10.46	-4.11	-3.37	-3.02
	0.00	3.36	27.07	31.17	39.38	41.91	45.46	47.84	45.67	47.82	21.71	48.99	47.03	51.73	50.79	51.63	52.28	55.81	66.52	103.20	160.59	71.31	59.92	55.72

OSWEGATCHIE___HYD 24044	36.11 -0.85 0.00	25.33 -0.74 0.00	21.12 -0.69 0.00	22.35 -0.81 0.00	24.32 -0.97 0.00	28.59 -1.23 0.00	34.14 -1.41 0.00	37.78 -2.42 0.00	37.81 -2.65 0.00	40.96 -3.14 0.00	42.61 -3.79 0.00	41.64 -4.06 0.00	37.57 -3.58 1.29	41.51 -4.40 3.63	14.43 -4.45 34.09	28.99 -3.88 16.72	47.29 -3.44 -0.93	52.24 -3.33 -1.14	69.23 -4.01 -1.59	127.26 -4.81 -2.66	224.14 -5.26 -3.70	77.16 -1.75 -2.38	56.53 -2.23 -1.24	50.21 -2.14 -0.05
OSWEGO___5 23606	36.13 -0.84 0.00	25.51 -0.56 0.00	21.33 -0.49 0.00	22.61 -0.55 0.00	24.69 -0.60 0.00	29.12 -0.70 0.00	34.78 -0.76 0.00	39.31 -0.89 0.00	39.48 -0.98 0.00	43.08 -1.02 0.00	45.31 -1.09 0.00	44.65 -1.05 0.00	42.90 -1.05 -1.51	63.18 -1.19 -14.83	69.45 -1.31 -17.78	63.57 -1.21 -15.18	64.12 -1.14 -15.47	72.11 -1.16 -18.84	102.24 -1.15 -31.74	171.76 -1.64 -43.98	283.51 -3.38 -61.19	114.55 -1.38 -39.40	76.84 -1.24 -20.55	52.03 -1.11 -0.83
OSWEGO___6 23613	36.13 -0.84 0.00	25.51 -0.56 0.00	21.33 -0.49 0.00	22.61 -0.55 0.00	24.69 -0.60 0.00	29.12 -0.70 0.00	34.78 -0.76 0.00	39.31 -0.89 0.00	39.48 -0.98 0.00	43.08 -1.02 0.00	45.31 -1.09 0.00	44.65 -1.05 0.00	42.90 -1.05 -1.51	63.18 -1.19 -14.83	69.45 -1.31 -17.78	63.57 -1.21 -15.18	64.12 -1.14 -15.47	72.11 -1.16 -18.84	102.24 -1.15 -31.74	171.76 -1.64 -43.98	283.51 -3.38 -61.19	114.55 -1.38 -39.40	76.84 -1.24 -20.55	52.03 -1.11 -0.83
OUTOKUMPU-AB___DRP 24206	34.61 -2.36 0.00	23.23 -1.88 0.98	12.37 -1.58 7.87	12.36 -1.74 9.05	11.84 -2.02 11.44	15.27 -2.40 12.15	19.81 -2.34 13.40	23.21 -2.54 14.45	22.54 -2.56 15.37	25.97 -1.99 16.14	36.84 -2.20 7.35	27.59 -1.51 16.60	25.22 -1.31 15.92	30.43 -1.55 17.56	33.37 -2.31 17.29	29.90 -2.12 17.58	29.43 -2.49 17.88	32.72 -2.98 18.73	46.54 -3.02 22.08	89.62 -4.56 35.23	161.80 -8.71 55.18	48.66 -3.22 24.64	34.64 -2.46 20.42	32.07 -1.46 18.76
OXBOW___BTM 323836	34.02 -2.94 0.00	22.92 -2.27 0.89	12.75 -1.92 7.14	12.83 -2.11 8.22	12.49 -2.41 10.39	15.82 -2.91 11.09	20.46 -2.96 12.12	23.73 -3.27 13.20	23.22 -3.35 13.88	26.63 -2.97 14.49	36.63 -3.21 6.56	28.42 -2.48 14.79	26.03 -2.23 14.18	30.85 -2.87 15.81	33.56 -3.84 15.57	30.15 -3.59 15.86	29.62 -3.91 16.26	31.33 -4.48 18.63	39.30 -5.29 27.06	87.76 -8.12 33.54	156.53 -14.82 54.36	39.76 -5.37 31.39	35.18 -3.89 18.45	32.64 -2.70 16.96
OXBOW___ 24026	34.02 -2.95 0.00	22.93 -2.27 0.89	12.72 -1.95 7.14	12.81 -2.12 8.22	12.44 -2.46 10.39	15.79 -2.94 11.09	20.40 -3.02 12.12	23.63 -3.37 13.20	23.08 -3.49 13.88	26.52 -3.09 14.49	36.59 -3.25 6.56	28.32 -2.59 14.79	25.93 -2.33 14.18	30.88 -2.85 15.81	33.60 -3.80 15.57	30.16 -3.57 15.86	29.55 -3.99 16.26	31.11 -4.69 18.63	39.30 -5.29 27.06	87.14 -8.74 33.54	155.47 -15.88 54.36	39.58 -5.55 31.39	35.07 -4.00 18.45	32.54 -2.79 16.96
OXY_CHEM_DSASP 323612	33.75 -3.22 0.00	22.74 -2.45 0.89	12.57 -2.10 7.14	12.64 -2.29 8.22	12.26 -2.63 10.39	15.57 -3.16 11.09	20.14 -3.29 12.12	23.32 -3.69 13.20	22.77 -3.81 13.88	26.17 -3.44 14.49	36.19 -3.64 6.56	27.92 -2.98 14.79	25.56 -2.70 14.18	30.43 -3.30 15.81	33.11 -4.29 15.57	29.71 -4.03 15.86	29.07 -4.46 16.26	30.57 -5.23 18.63	38.58 -6.02 27.06	85.85 -10.03 33.54	153.26 -18.08 54.36	38.86 -6.28 31.39	34.54 -4.53 18.45	32.07 -3.27 16.96
OZONE_PARK_ESR 323760	39.67 2.71 0.00	28.26 2.18 0.00	23.60 1.79 0.00	24.87 1.72 0.00	27.16 1.87 0.00	32.02 2.20 0.00	38.22 2.67 0.00	43.79 3.60 0.00	44.27 3.81 0.00	48.55 4.44 0.00	53.71 4.84 -2.48	55.29 4.96 -4.64	59.61 4.79 -12.39	65.67 5.85 -10.29	91.34 6.36 -32.01	106.54 5.83 -51.11	129.45 5.90 -73.75	91.38 6.44 -30.51	87.37 9.01 -6.71	143.84 14.42 0.00	247.62 21.92 0.00	83.45 6.92 0.00	62.50 4.98 0.00	56.78 4.48 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	33.75 -3.22 0.00	22.74 -2.45 0.89	12.57 -2.10 7.14	12.64 -2.29 8.22	12.26 -2.63 10.39	15.57 -3.16 11.09	20.14 -3.29 12.12	23.32 -3.69 13.20	22.77 -3.81 13.88	26.17 -3.44 14.49	36.19 -3.64 6.56	27.92 -2.98 14.79	25.56 -2.70 14.18	30.43 -3.30 15.81	33.11 -4.29 15.57	29.71 -4.03 15.86	29.07 -4.46 16.26	30.57 -5.23 18.63	38.58 -6.02 27.06	85.85 -10.03 33.54	153.26 -18.08 54.36	38.86 -6.28 31.39	34.54 -4.53 18.45	32.07 -3.27 16.96
PACKARD___115KV_DUPONT_184 80571	33.74 -3.23 0.00	22.74 -2.45 0.89	12.60 -2.07 7.14	12.66 -2.27 8.22	12.31 -2.59 10.39	15.60 -3.13 11.09	20.20 -3.23 12.12	23.42 -3.58 13.20	22.91 -3.67 13.88	26.27 -3.34 14.49	36.25 -3.58 6.56	28.03 -2.88 14.79	25.66 -2.60 14.18	30.40 -3.33 15.81	33.08 -4.32 15.57	29.67 -4.06 15.86	29.14 -4.40 16.26	30.79 -5.02 18.63	38.58 -6.01 27.06	86.47 -9.41 33.54	154.33 -17.02 54.36	39.04 -6.10 31.39	34.66 -4.41 18.45	32.16 -3.17 16.96
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	39.31 2.35 0.00	28.07 1.99 0.00	23.41 1.60 0.00	24.69 1.54 0.00	26.96 1.67 0.00	31.78 1.96 0.00	37.84 2.30 0.00	43.38 3.18 0.00	43.82 3.36 0.00	47.97 3.86 0.00	53.07 4.25 -2.43	54.63 4.39 -4.53	58.78 4.25 -12.10	64.77 5.18 -10.06	90.11 5.61 -31.52	104.74 5.15 -49.99	127.73 5.35 -72.58	90.25 5.78 -30.04	86.35 7.99 -6.70	141.97 12.55 0.00	244.52 18.81 0.00	82.52 5.99 0.00	61.81 4.29 0.00	56.16 3.86 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	39.50 2.54 0.00	28.22 2.14 0.00	23.57 1.76 0.00	24.87 1.72 0.00	27.15 1.86 0.00	32.01 2.19 0.00	38.13 2.58 0.00	43.69 3.50 0.00	44.19 3.73 0.00	48.44 4.34 0.00	53.60 4.78 -2.43	55.04 4.81 -4.53	59.17 4.64 -12.10	65.24 5.64 -10.06	90.58 6.09 -31.52	105.23 5.64 -49.99	128.27 5.88 -72.58	90.82 6.35 -30.04	87.07 8.72 -6.70	143.20 13.78 0.00	246.55 20.85 0.00	83.85 7.32 0.00	62.79 5.27 0.00	57.09 4.79 0.00
PATROON___115KV_TB1 80586	37.87 0.90 0.00	26.91 0.84 0.00	22.57 0.75 0.00	23.90 0.75 0.00	26.10 0.80 0.00	30.77 0.95 0.00	36.57 1.03 0.00	41.47 1.28 0.00	41.64 1.18 0.00	45.23 1.13 0.00	47.67 1.28 0.00	46.98 1.28 0.00	43.81 1.38 0.00	51.10 1.57 0.00	54.77 1.80 0.00	51.17 1.58 0.00	51.23 1.43 0.00	56.03 1.60 0.00	74.39 2.74 0.00	134.13 4.71 0.00	233.28 7.58 0.00	78.50 1.97 0.00	59.19 1.67 0.00	53.69 1.39 0.00
PATTRSNVILLE___SOLAR 323815	38.17 1.20 0.00	27.02 0.95 0.00	22.58 0.77 0.00	23.92 0.77 0.00	26.16 0.86 0.00	30.85 1.03 0.00	36.71 1.17 0.00	41.40 1.20 0.00	41.33 0.87 0.00	44.81 0.71 0.00	47.09 0.69 0.00	46.38 0.68 0.00	43.10 0.66 0.00	50.38 0.84 0.00	53.92 0.95 0.00	50.43 0.83 0.00	50.62 0.82 0.00	55.54 1.12 0.00	74.09 2.44 0.00	134.78 5.37 0.00	235.15 9.45 0.00	79.38 2.85 0.00	59.76 2.24 0.00	54.23 1.93 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	34.33 -2.64 0.00	22.97 -2.12 0.99	12.10 -1.77 7.94	12.08 -1.93 9.14	11.53 -2.21 11.55	14.90 -2.65 12.27	19.40 -2.73 13.41	22.68 -2.97 14.55	21.39 -2.76 16.31	24.71 -2.28 17.11	36.09 -2.51 7.79	26.31 -1.81 17.58	24.01 -1.54 16.89	29.00 -1.86 18.68	32.08 -2.52 18.38	28.58 -2.37 18.65	28.26 -2.61 18.94	31.30 -3.13 20.00	44.69 -3.21 23.75	86.92 -5.08 37.41	157.34 -9.90 58.46	46.66 -3.76 26.11	32.79 -3.04 21.69	30.19 -2.18 19.93

PAWLING_115_KV_BK3_REV_LBMP_H 345028	39.31 2.35 0.00	27.93 1.85 0.00	23.35 1.54 0.00	24.66 1.50 0.00	26.92 1.63 0.00	31.75 1.93 0.00	37.90 2.36 0.00	43.32 3.12 0.00	43.71 3.25 0.00	47.81 3.71 0.00	50.49 4.10 0.00	49.90 4.20 0.00	46.55 4.11 0.00	55.00 5.08 -0.38	65.23 5.56 -6.69	56.75 5.17 -1.99	69.32 5.30 -14.23	66.46 5.83 -6.20	83.90 8.33 -3.92	142.96 13.54 0.00	246.44 20.74 0.00	82.83 6.30 0.00	62.05 4.53 0.00	56.28 3.99 0.00
PEEKSKILL____ 23653	39.03 2.06 0.00	27.74 1.66 0.00	23.19 1.38 0.00	24.49 1.34 0.00	26.73 1.44 0.00	31.51 1.69 0.00	37.62 2.08 0.00	43.02 2.83 0.00	43.39 2.93 0.00	47.52 3.42 0.00	49.73 3.76 0.42	48.87 3.84 0.67	44.38 3.73 1.80	53.52 4.62 0.64	68.37 5.03 -10.37	51.24 4.59 2.95	75.70 4.67 -21.22	69.02 5.11 -9.48	86.80 7.33 -7.82	141.09 11.67 0.00	243.21 17.51 0.00	81.86 5.33 0.00	61.36 3.84 0.00	55.77 3.47 0.00
PGE MADISON__WINDPWR 24146	39.24 2.28 0.00	27.59 1.36 -0.15	24.02 1.01 -1.20	25.47 0.95 -1.38	28.00 0.97 -1.74	32.80 1.13 -1.85	39.13 1.56 -2.03	44.04 1.68 -2.17	44.07 1.22 -2.39	47.80 1.20 -2.51	48.43 0.89 -1.14	48.89 0.64 -2.55	45.73 0.90 -2.39	54.83 1.42 -3.87	58.83 1.69 -4.16	55.56 1.83 -4.13	55.85 1.85 -4.20	61.59 2.32 -4.85	83.13 4.69 -6.79	150.49 11.40 -9.67	259.26 19.28 -14.28	88.71 4.69 -7.50	65.50 2.87 -5.12	57.46 2.12 -3.04
PIERCEFIELD__HYD 23852	35.88 -1.09 0.00	25.22 -0.86 0.00	21.03 -0.78 0.00	22.29 -0.87 0.00	24.31 -0.98 0.00	28.67 -1.15 0.00	33.92 -1.62 0.00	37.55 -2.64 0.00	37.94 -2.52 0.00	41.10 -3.00 0.00	42.92 -3.48 0.00	42.00 -3.69 0.00	38.32 -3.33 0.79	42.73 -4.19 2.61	28.41 -4.42 20.14	35.65 -3.86 10.09	46.15 -3.65 0.00	50.52 -3.91 0.00	65.54 -5.63 0.48	120.74 -8.68 0.00	213.68 -12.02 0.00	72.79 -3.73 0.00	54.34 -3.18 0.00	49.55 -2.75 0.00
PINELAWN_CC_1 323563	39.57 2.61 0.00	28.21 2.13 0.00	23.52 1.70 0.00	24.85 1.70 0.00	27.14 1.85 0.00	32.04 2.23 0.00	38.21 2.67 0.00	43.55 3.35 0.00	43.90 3.45 0.00	48.16 4.06 0.00	53.36 4.74 -2.22	54.15 4.40 -4.06	57.25 3.99 -10.82	63.45 4.85 -9.07	87.45 5.10 -29.38	99.54 4.87 -45.07	122.37 5.15 -67.43	88.31 5.92 -27.96	86.87 8.53 -6.69	142.85 13.44 0.00	245.35 19.65 0.00	82.54 6.02 0.00	61.83 4.31 0.00	56.37 4.06 0.00
PJM_GEN_HTP_PROXY 323702	39.30 2.33 0.00	28.00 1.92 0.00	23.39 1.57 0.00	24.65 1.50 0.00	26.94 1.64 0.00	31.75 1.93 0.00	37.87 2.32 0.00	43.35 3.15 0.00	43.81 3.35 0.00	48.04 3.94 0.00	53.26 4.32 -2.55	54.93 4.42 -4.81	59.56 5.28 -12.83	65.45 5.79 -10.63	91.52 5.27 -32.76	107.70 5.32 -52.83	130.68 5.27 -75.55	91.47 5.81 -31.23	86.54 8.17 -6.72	142.25 12.83 0.00	244.80 19.10 0.00	79.87 5.98 2.64	61.83 4.31 0.00	56.51 3.86 -0.35
PJM_GEN_KEystone 24065	36.94 -0.02 0.00	25.81 -0.05 0.22	19.98 -0.04 1.80	20.98 -0.11 2.07	22.50 -0.18 2.62	26.80 -0.24 2.78	33.46 -0.02 2.07	37.27 0.36 3.29	36.78 0.37 4.05	40.68 0.82 4.24	45.37 0.83 1.86	42.63 1.15 4.21	39.83 1.25 3.87	47.32 1.69 3.91	59.57 1.73 -4.88	50.54 1.51 0.57	68.71 1.51 -17.40	59.67 1.56 -3.68	73.28 2.73 1.09	146.98 4.29 -13.27	216.43 5.26 14.53	69.55 1.17 8.14	52.67 0.57 5.42	48.35 0.68 4.63
PJM_GEN_NEPTUNE_PROXY 323594	39.20 2.24 0.00	27.94 1.86 0.00	23.31 1.49 0.00	24.62 1.47 0.00	26.89 1.60 0.00	31.72 1.91 0.00	37.81 2.27 0.00	43.13 2.93 0.00	43.50 3.05 0.00	47.75 3.65 0.00	52.89 4.28 -2.22	53.76 4.01 -4.06	56.94 3.68 -10.82	63.00 4.52 -8.95	87.13 4.78 -29.38	98.90 5.27 -44.78	120.00 5.32 -65.47	86.37 5.81 -26.56	86.01 8.17 -6.68	141.30 12.83 0.00	242.76 19.10 0.00	79.08 5.19 2.64	61.23 3.71 0.00	56.17 3.52 -0.35
PJM_GEN_VFT_PROXY 323633	39.21 2.24 0.00	27.93 1.85 0.00	23.32 1.51 0.00	24.60 1.45 0.00	26.86 1.57 0.00	31.65 1.83 0.00	37.76 2.22 0.00	43.26 3.06 0.00	43.70 3.24 0.00	47.91 3.81 0.00	53.02 4.15 -2.48	54.58 4.24 -4.64	58.90 4.08 -12.39	64.87 5.05 -10.29	90.54 5.55 -32.01	105.75 5.04 -51.11	128.64 5.09 -73.75	90.50 5.56 -30.51	86.28 7.92 -6.71	141.80 12.38 0.00	244.02 18.32 0.00	79.62 5.73 2.64	61.58 4.06 0.00	56.33 3.68 -0.35
PLATSBURG_115KV_PMLD1 355749	36.87 -0.10 0.00	25.92 -0.15 0.00	21.62 -0.20 0.00	22.89 -0.26 0.00	24.99 -0.30 0.00	29.56 -0.26 0.00	35.28 -0.27 0.00	39.22 -0.98 0.00	40.22 -0.24 0.00	43.75 -0.35 0.00	45.93 -0.47 0.00	45.03 -0.67 0.00	41.66 -0.61 0.17	48.06 -0.90 0.58	47.55 -0.99 4.44	46.68 -0.69 2.23	49.30 -0.50 0.00	53.83 -0.60 0.00	70.60 -1.68 -0.62	126.80 -2.62 0.00	222.45 -3.25 0.00	75.56 -0.97 0.00	56.96 -0.56 0.00	51.47 -0.83 0.00
PLEASANTVLY__LBMP 24000	38.74 1.78 0.00	27.56 1.49 0.00	23.06 1.25 0.00	24.36 1.21 0.00	26.60 1.31 0.00	31.38 1.56 0.00	37.41 1.87 0.00	42.70 2.51 0.00	43.07 2.61 0.00	47.05 2.95 0.00	49.64 3.24 0.00	49.01 3.31 0.00	45.65 3.21 0.00	53.73 3.95 -0.24	61.45 4.30 -4.18	54.75 3.91 -1.24	62.67 3.97 -8.90	62.63 4.32 -3.88	80.38 6.28 -2.45	139.47 10.05 0.00	240.91 15.21 0.00	81.09 4.56 0.00	60.89 3.37 0.00	55.34 3.04 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	39.21 2.24 0.00	27.90 1.82 0.00	23.32 1.50 0.00	24.61 1.46 0.00	26.87 1.58 0.00	31.68 1.86 0.00	37.80 2.26 0.00	43.24 3.04 0.00	43.66 3.20 0.00	47.79 3.69 0.00	52.33 4.09 -1.85	53.26 4.18 -3.38	55.49 4.03 -9.02	62.09 4.97 -7.58	83.32 5.40 -24.94	92.24 4.95 -37.69	112.02 5.04 -57.18	83.65 5.49 -23.73	85.31 7.82 -5.85	141.86 12.44 0.00	244.46 18.76 0.00	82.30 5.77 0.00	61.69 4.17 0.00	56.05 3.75 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	39.21 2.24 0.00	27.90 1.82 0.00	23.32 1.50 0.00	24.61 1.46 0.00	26.87 1.58 0.00	31.68 1.86 0.00	37.80 2.26 0.00	43.24 3.04 0.00	43.66 3.20 0.00	47.79 3.69 0.00	52.33 4.09 -1.85	53.26 4.18 -3.38	55.49 4.03 -9.02	62.09 4.97 -7.58	83.32 5.40 -24.94	92.24 4.95 -37.69	112.02 5.04 -57.18	83.65 5.49 -23.73	85.31 7.82 -5.85	141.86 12.44 0.00	244.46 18.76 0.00	82.30 5.77 0.00	61.69 4.17 0.00	56.05 3.75 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.03 2.07 0.00	27.74 1.66 0.00	23.21 1.39 0.00	24.52 1.37 0.00	26.77 1.48 0.00	31.58 1.76 0.00	37.68 2.13 0.00	42.98 2.79 0.00	43.31 2.85 0.00	47.27 3.17 0.00	49.84 3.45 0.00	49.23 3.53 0.00	45.90 3.46 0.00	54.10 4.27 -0.30	62.85 4.68 -5.20	55.47 4.34 -1.54	65.28 4.44 -11.05	64.17 4.93 -4.81	81.86 7.17 -3.04	141.20 11.78 0.00	243.88 18.18 0.00	81.99 5.46 0.00	61.52 4.00 0.00	55.84 3.54 0.00
POLETTI____ 23519	39.27 2.31 0.00	28.00 1.92 0.00	23.39 1.58 0.00	24.67 1.51 0.00	26.94 1.65 0.00	31.75 1.93 0.00	37.86 2.31 0.00	43.34 3.14 0.00	43.79 3.33 0.00	48.00 3.89 0.00	53.13 4.29 -2.45	54.65 4.38 -4.57	58.88 4.25 -12.20	64.87 5.19 -10.14	90.33 5.66 -31.70	105.14 5.16 -50.39	128.02 5.23 -72.99	90.30 5.66 -30.20	86.30 7.94 -6.71	141.91 12.49 0.00	244.39 18.69 0.00	82.39 5.87 0.00	61.74 4.22 0.00	56.11 3.81 0.00

POMONA___ESR 323819	39.09 2.13 0.00	27.76 1.68 0.00	23.20 1.39 0.00	24.51 1.36 0.00	26.73 1.44 0.00	31.52 1.70 0.00	37.65 2.11 0.00	43.07 2.87 0.00	43.42 2.97 0.00	47.58 3.48 0.00	49.91 3.85 0.33	49.11 3.95 0.54	44.85 3.86 1.44	54.40 4.79 -0.07	76.80 5.21 -18.62	55.02 4.74 -0.68	93.57 4.84 -38.93	76.85 5.28 -17.14	91.51 7.54 -12.32	141.39 11.97 0.00	243.70 18.00 0.00	82.00 5.47 0.00	61.41 3.89 0.00	55.82 3.52 0.00
PORT_JEFF_3 23555	39.45 2.49 0.00	28.23 2.15 0.00	23.50 1.69 0.00	24.88 1.73 0.00	27.19 1.89 0.00	32.10 2.29 0.00	38.29 2.74 0.00	43.51 3.31 0.00	43.82 3.36 0.00	48.11 4.01 0.00	53.31 4.70 -2.22	53.97 4.21 -4.06	56.98 3.72 -10.82	62.98 4.46 -8.98	86.70 4.36 -29.38	98.57 4.11 -44.87	120.32 4.47 -66.05	86.48 5.06 -26.99	85.84 7.51 -6.68	140.97 11.55 0.00	241.63 15.93 0.00	81.30 4.77 0.00	61.04 3.52 0.00	55.83 3.53 0.00
PORT_JEFF_4 23616	39.45 2.49 0.00	28.23 2.15 0.00	23.50 1.69 0.00	24.88 1.73 0.00	27.19 1.89 0.00	32.10 2.29 0.00	38.29 2.74 0.00	43.51 3.31 0.00	43.82 3.36 0.00	48.11 4.01 0.00	53.31 4.70 -2.22	53.97 4.21 -4.06	56.98 3.72 -10.82	62.98 4.46 -8.98	86.70 4.36 -29.38	98.57 4.11 -44.87	120.32 4.47 -66.05	86.48 5.06 -26.99	85.84 7.51 -6.68	140.97 11.55 0.00	241.63 15.93 0.00	81.30 4.77 0.00	61.04 3.52 0.00	55.83 3.53 0.00
PORT_JEFF_IC 23713	39.49 2.53 0.00	28.26 2.18 0.00	23.54 1.72 0.00	24.90 1.75 0.00	27.21 1.92 0.00	32.13 2.32 0.00	38.33 2.78 0.00	43.55 3.36 0.00	43.86 3.41 0.00	48.16 4.06 0.00	53.36 4.74 -2.22	54.02 4.27 -4.06	57.02 3.76 -10.82	63.04 4.52 -8.98	86.67 4.32 -29.38	98.57 4.11 -44.87	120.45 4.56 -66.09	86.53 5.08 -27.02	85.87 7.54 -6.69	141.12 11.71 0.00	241.84 16.14 0.00	81.37 4.84 0.00	61.21 3.69 0.00	55.96 3.66 0.00
PPL PILGRIM_ST_GT1 24216	39.69 2.72 0.00	28.32 2.25 0.00	23.60 1.79 0.00	24.95 1.79 0.00	27.26 1.97 0.00	32.19 2.37 0.00	38.37 2.83 0.00	43.68 3.48 0.00	43.93 3.47 0.00	48.22 4.12 0.00	53.56 4.94 -2.22	54.29 4.54 -4.06	57.28 4.02 -10.82	63.29 4.76 -8.99	87.12 4.77 -29.38	99.04 4.55 -44.90	120.91 4.86 -66.25	87.20 5.62 -27.15	86.49 8.16 -6.69	142.14 12.72 0.00	243.84 18.14 0.00	82.07 5.54 0.00	61.64 4.12 0.00	56.35 4.05 0.00
PPL PILGRIM_ST_GT2 24217	39.69 2.72 0.00	28.32 2.25 0.00	23.60 1.79 0.00	24.95 1.79 0.00	27.26 1.97 0.00	32.19 2.37 0.00	38.37 2.83 0.00	43.68 3.48 0.00	43.93 3.47 0.00	48.22 4.12 0.00	53.56 4.94 -2.22	54.29 4.54 -4.06	57.28 4.02 -10.82	63.29 4.76 -8.99	87.12 4.77 -29.38	99.04 4.55 -44.90	120.91 4.86 -66.25	87.20 5.62 -27.15	86.49 8.16 -6.69	142.14 12.72 0.00	243.84 18.14 0.00	82.07 5.54 0.00	61.64 4.12 0.00	56.35 4.05 0.00
PPL_SHRM_GT3 24213	39.10 2.13 0.00	28.13 2.05 0.00	23.41 1.59 0.00	24.83 1.68 0.00	27.14 1.85 0.00	32.07 2.25 0.00	38.27 2.72 0.00	43.28 3.08 0.00	43.50 3.04 0.00	47.76 3.66 0.00	52.92 4.31 -2.22	53.41 3.66 -4.06	56.47 3.21 -10.82	62.60 4.08 -8.98	86.62 4.27 -29.38	98.49 4.03 -44.87	120.16 4.29 -66.07	86.27 4.83 -27.01	85.87 7.54 -6.69	140.97 11.55 0.00	241.25 15.56 0.00	81.17 4.65 0.00	60.77 3.26 0.00	55.46 3.16 0.00
PPL_SHRM_GT4 24214	39.10 2.13 0.00	28.13 2.05 0.00	23.41 1.59 0.00	24.83 1.68 0.00	27.14 1.85 0.00	32.07 2.25 0.00	38.27 2.72 0.00	43.28 3.08 0.00	43.50 3.04 0.00	47.76 3.66 0.00	52.92 4.31 -2.22	53.41 3.66 -4.06	56.47 3.21 -10.82	62.60 4.08 -8.98	86.62 4.27 -29.38	98.49 4.03 -44.87	120.16 4.29 -66.07	86.27 4.83 -27.01	85.87 7.54 -6.69	140.97 11.55 0.00	241.25 15.56 0.00	81.17 4.65 0.00	60.77 3.26 0.00	55.46 3.16 0.00
PROJECT___ORANGE 1 24174	36.58 -0.38 0.00	25.82 -0.26 0.00	21.57 -0.25 0.00	22.87 -0.28 0.00	24.97 -0.32 0.00	29.46 -0.36 0.00	35.21 -0.33 0.00	39.82 -0.38 0.00	39.96 -0.50 0.00	43.64 -0.46 0.00	45.92 -0.48 0.00	45.29 -0.41 0.00	42.24 -0.39 -0.19	51.08 -0.38 -1.92	54.84 -0.44 -2.31	51.19 -0.37 -1.97	51.55 -0.25 -2.01	56.72 -0.16 -2.45	76.13 0.36 -4.12	136.29 1.17 -5.71	234.92 1.27 -7.94	81.66 0.02 -5.11	59.94 -0.25 -2.67	52.15 -0.26 -0.11
PROJECT___ORANGE 2 24166	36.58 -0.38 0.00	25.82 -0.26 0.00	21.57 -0.25 0.00	22.87 -0.28 0.00	24.97 -0.32 0.00	29.46 -0.36 0.00	35.21 -0.33 0.00	39.82 -0.38 0.00	39.96 -0.50 0.00	43.64 -0.46 0.00	45.92 -0.48 0.00	45.29 -0.41 0.00	42.24 -0.39 -0.19	51.08 -0.38 -1.92	54.84 -0.44 -2.31	51.19 -0.37 -1.97	51.55 -0.25 -2.01	56.72 -0.16 -2.45	76.13 0.36 -4.12	136.29 1.17 -5.71	234.92 1.27 -7.94	81.66 0.02 -5.11	59.94 -0.25 -2.67	52.15 -0.26 -0.11
PUCKETT___SOLAR 323809	37.41 0.45 0.00	26.27 0.19 0.00	21.93 0.11 0.00	23.26 0.10 0.00	25.39 0.10 0.00	29.98 0.16 0.00	35.93 0.39 0.00	40.76 0.56 0.00	40.76 0.31 0.00	44.37 0.28 0.00	46.47 0.07 0.00	45.82 0.12 0.00	42.89 0.32 -0.13	51.37 0.54 -1.29	55.14 0.63 -1.54	51.51 0.60 -1.32	51.76 0.61 -1.34	57.10 0.93 -1.74	77.03 2.40 -2.98	138.46 5.16 -3.89	238.69 7.68 -5.30	81.75 1.81 -3.41	60.33 1.03 -1.78	53.11 0.74 -0.07
PYRITES___HYD 24023	36.58 -0.38 0.00	25.71 -0.37 0.00	21.44 -0.37 0.00	22.73 -0.42 0.00	24.78 -0.51 0.00	29.26 -0.55 0.00	34.74 -0.80 0.00	38.53 -1.67 0.00	38.84 -1.62 0.00	41.94 -2.16 0.00	43.70 -2.70 0.00	42.80 -2.89 0.00	39.11 -2.61 0.72	43.77 -3.38 2.38	31.00 -3.60 18.37	37.31 -3.07 9.20	46.87 -2.93 0.00	51.23 -3.20 0.00	66.32 -4.78 0.55	122.83 -6.58 0.00	218.82 -6.88 0.00	74.66 -1.86 0.00	55.76 -1.76 0.00	50.77 -1.54 0.00
QUAKERRD_115KV_BK1 80622	35.25 -1.71 0.00	24.80 -1.28 0.00	20.67 -1.14 0.00	21.90 -1.26 0.00	23.88 -1.41 0.00	28.18 -1.64 0.00	33.87 -1.67 0.00	38.36 -1.83 0.00	38.45 -2.01 0.00	42.23 -1.87 0.00	44.49 -1.91 0.00	44.09 -1.61 0.00	40.99 -1.45 0.00	47.91 -1.63 0.00	51.03 -1.95 0.00	47.81 -1.79 0.00	48.06 -1.74 0.00	52.61 -1.82 0.00	70.05 -1.60 -0.01	127.26 -2.16 0.00	220.93 -4.77 0.00	74.51 -2.02 0.00	55.68 -1.84 0.00	50.78 -1.52 0.00
QUENSBRY_115KV_TB8 356137	39.31 2.35 0.00	28.00 1.92 0.00	23.42 1.61 0.00	24.80 1.65 0.00	27.11 1.82 0.00	32.05 2.23 0.00	38.03 2.48 0.00	43.04 2.85 0.00	43.10 2.65 0.00	46.43 2.33 0.00	48.78 2.38 0.00	48.03 2.33 0.00	44.44 1.99 0.00	51.68 2.14 0.00	55.17 2.20 0.00	51.50 1.90 0.00	51.47 1.68 0.00	56.61 2.18 0.00	75.93 4.28 0.00	138.39 8.97 0.00	241.71 16.01 0.00	81.34 4.82 0.00	61.62 4.10 0.00	55.74 3.44 0.00
RAMAPO___LBMP 323565	38.91 1.95 0.00	27.63 1.55 0.00	23.10 1.28 0.00	24.40 1.25 0.00	26.63 1.34 0.00	31.39 1.57 0.00	37.50 1.96 0.00	42.88 2.68 0.00	43.23 2.77 0.00	47.33 3.23 0.00	49.68 3.56 0.27	48.96 3.65 0.38	44.97 3.56 1.03	54.20 4.43 -0.24	74.35 4.83 -16.54	55.46 4.40 -1.46	89.01 4.51 -34.70	74.57 4.89 -15.25	89.40 7.06 -10.69	140.65 11.23 0.00	242.55 16.84 0.00	81.63 5.11 0.00	61.16 3.64 0.00	55.60 3.30 0.00

RANKINE_____	34.35	22.84	10.93	10.73	9.79	13.03	17.28	20.48	19.55	22.78	35.13	24.34	22.09	26.86	29.88	26.40	26.00	29.04	42.05	82.47	150.44	43.76	30.39	28.04
23646	-2.62	-2.11	-1.80	-1.96	-2.28	-2.72	-2.75	-2.99	-2.94	-2.47	-2.69	-2.02	-1.77	-2.11	-2.85	-2.65	-2.96	-3.50	-3.72	-5.86	-10.96	-4.04	-3.24	-2.31
	0.00	1.13	9.09	10.46	13.22	14.07	15.52	16.73	17.97	18.84	8.57	19.34	18.58	20.57	20.24	20.54	20.84	21.89	25.87	41.09	64.30	28.72	23.89	21.96
RAVENSWOOD_GT2_1	39.28	28.00	23.39	24.67	26.94	31.75	37.86	43.34	43.80	48.01	53.12	54.63	58.79	64.81	90.17	104.79	127.65	90.16	86.34	141.94	244.41	82.39	61.74	56.12
24244	2.31	1.92	1.58	1.52	1.65	1.93	2.32	3.15	3.34	3.91	4.29	4.39	4.25	5.20	5.66	5.16	5.23	5.67	7.98	12.53	18.71	5.87	4.22	3.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.43	-4.54	-12.11	-10.07	-31.54	-50.04	-72.63	-30.05	-6.70	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_2	39.28	28.00	23.39	24.67	26.94	31.75	37.86	43.34	43.80	48.01	53.12	54.63	58.79	64.81	90.17	104.79	127.65	90.16	86.34	141.94	244.41	82.39	61.74	56.12
24245	2.31	1.92	1.58	1.52	1.65	1.93	2.32	3.15	3.34	3.91	4.29	4.39	4.25	5.20	5.66	5.16	5.23	5.67	7.98	12.53	18.71	5.87	4.22	3.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.43	-4.54	-12.11	-10.07	-31.54	-50.04	-72.63	-30.05	-6.70	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_3	39.30	28.02	23.40	24.68	26.96	31.76	37.89	43.38	43.83	48.03	53.15	54.66	58.83	64.85	90.22	104.82	127.69	90.19	86.37	142.03	244.62	82.45	61.79	56.15
24246	2.34	1.94	1.59	1.53	1.67	1.94	2.35	3.18	3.37	3.94	4.32	4.42	4.29	5.25	5.71	5.20	5.28	5.71	8.02	12.61	18.91	5.92	4.27	3.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.43	-4.54	-12.10	-10.07	-31.54	-50.02	-72.62	-30.05	-6.70	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_4	39.30	28.02	23.40	24.68	26.96	31.76	37.89	43.38	43.83	48.03	53.15	54.66	58.83	64.85	90.22	104.82	127.69	90.19	86.37	142.03	244.62	82.45	61.79	56.15
24247	2.34	1.94	1.59	1.53	1.67	1.94	2.35	3.18	3.37	3.94	4.32	4.42	4.29	5.25	5.71	5.20	5.28	5.71	8.02	12.61	18.91	5.92	4.27	3.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.43	-4.54	-12.10	-10.07	-31.54	-50.02	-72.62	-30.05	-6.70	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_1	39.30	28.01	23.40	24.68	26.95	31.75	37.89	43.37	43.82	48.03	53.15	54.65	58.80	64.83	90.17	104.74	127.59	90.16	86.38	142.02	244.58	82.44	61.78	56.15
24248	2.34	1.94	1.59	1.52	1.66	1.93	2.34	3.18	3.37	3.94	4.32	4.42	4.27	5.24	5.70	5.19	5.25	5.70	8.03	12.60	18.87	5.91	4.26	3.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.43	-4.53	-12.09	-10.05	-31.51	-49.96	-72.54	-30.02	-6.70	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_2	39.30	28.01	23.40	24.68	26.95	31.75	37.89	43.37	43.82	48.03	53.15	54.65	58.80	64.83	90.17	104.74	127.59	90.16	86.38	142.02	244.58	82.44	61.78	56.15
24249	2.34	1.94	1.59	1.52	1.66	1.93	2.34	3.18	3.37	3.94	4.32	4.42	4.27	5.24	5.70	5.19	5.25	5.70	8.03	12.60	18.87	5.91	4.26	3.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.43	-4.53	-12.09	-10.05	-31.51	-49.96	-72.54	-30.02	-6.70	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_3	39.36	28.06	23.44	24.71	26.99	31.81	37.94	43.45	43.90	48.12	53.24	54.75	58.90	64.94	90.30	104.87	127.73	90.30	86.57	142.32	245.07	82.61	61.90	56.25
24250	2.40	1.98	1.62	1.56	1.70	1.99	2.40	3.26	3.45	4.02	4.42	4.52	4.37	5.35	5.82	5.31	5.38	5.84	8.21	12.91	19.37	6.08	4.38	3.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.43	-4.53	-12.09	-10.05	-31.51	-49.97	-72.55	-30.02	-6.70	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_4	39.36	28.06	23.44	24.71	26.99	31.81	37.94	43.45	43.90	48.12	53.24	54.75	58.90	64.94	90.30	104.87	127.73	90.30	86.57	142.32	245.07	82.61	61.90	56.25
24251	2.40	1.98	1.62	1.56	1.70	1.99	2.40	3.26	3.45	4.02	4.42	4.52	4.37	5.35	5.82	5.31	5.38	5.84	8.21	12.91	19.37	6.08	4.38	3.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.43	-4.53	-12.09	-10.05	-31.51	-49.97	-72.55	-30.02	-6.70	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_1	39.35	28.07	23.44	24.72	26.99	31.79	37.91	43.45	43.93	48.15	53.28	54.83	59.00	64.93	90.22	104.79	127.67	90.15	86.32	141.76	243.95	82.36	61.75	56.18
23729	2.39	1.99	1.63	1.57	1.70	1.97	2.37	3.25	3.47	4.05	4.46	4.58	4.41	5.30	5.73	5.21	5.28	5.73	7.97	12.34	18.25	5.83	4.23	3.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.43	-4.55	-12.15	-10.09	-31.53	-49.98	-72.59	-29.99	-6.70	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_10	39.28	28.00	23.39	24.67	26.94	31.75	37.86	43.34	43.80	48.01	53.11	54.63	58.80	64.81	90.18	104.79	127.66	90.16	86.34	141.97	244.46	82.40	61.74	56.12
24258	2.31	1.92	1.58	1.52	1.65	1.93	2.32	3.15	3.34	3.91	4.29	4.39	4.25	5.20	5.67	5.16	5.23	5.68	7.98	12.55	18.76	5.87	4.22	3.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.43	-4.54	-12.11	-10.07	-31.54	-50.03	-72.62	-30.05	-6.70	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_11	39.28	28.00	23.39	24.67	26.94	31.75	37.86	43.34	43.80	48.01	53.11	54.63	58.80	64.81	90.18	104.79	127.66	90.16	86.34	141.97	244.46	82.40	61.74	56.12
24259	2.31	1.92	1.58	1.52	1.65	1.93	2.32	3.15	3.34	3.91	4.29	4.39	4.25	5.20	5.67	5.16	5.23	5.68	7.98	12.55	18.76	5.87	4.22	3.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.43	-4.54	-12.11	-10.07	-31.54	-50.03	-72.62	-30.05	-6.70	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_4	39.29	28.02	23.40	24.68	26.95	31.75	37.87	43.37	43.82	48.03	53.16	54.65	58.76	64.76	90.15	104.76	127.60	90.20	86.29	141.82	244.15	82.36	61.74	56.12
24252	2.33	1.94	1.59	1.53	1.66	1.93	2.33	3.17	3.37	3.93	4.33	4.43	4.28	5.20	5.65	5.15	5.23	5.67	7.94	12.40	18.45	5.83	4.22	3.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.43	-4.51	-12.04	-10.03	-31.52	-50.01	-72.58	-30.09	-6.70	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_5	39.29	28.02	23.40	24.68	26.95	31.75	37.87	43.37	43.82	48.03	53.16	54.65	58.76	64.76	90.15	104.76	127.60	90.20	86.29	141.82	244.15	82.36	61.74	56.12
24254	2.33	1.94	1.59	1.53	1.66	1.93	2.33	3.17	3.37	3.93	4.33	4.43	4.28	5.20	5.65	5.15	5.23	5.67	7.94	12.40	18.45	5.83	4.22	3.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.43	-4.51	-12.04	-10.03	-31.52	-50.01	-72.58	-30.09	-6.70	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_6	39.29	28.02	23.40	24.68	26.95	31.75	37.87	43.37	43.82	48.03	53.16	54.65	58.76	64.76	90.15	104.76	127.60	90.20	86.29	141.82	244.15	82.36	61.74	56.12
24253	2.33	1.94	1.59	1.53	1.66	1.93	2.33	3.17	3.37	3.93	4.33	4.43	4.28	5.20	5.65	5.15	5.23	5.67	7.94	12.40	18.45	5.83	4.22	3.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.43	-4.51	-12.04	-10.03	-31.52	-50.01	-72.58	-30.09	-6.70	0.00	0.00	0.00	0.00	0.00

RAVENSWOOD_GT_7 24255	39.29 2.33 0.00	28.02 1.94 0.00	23.40 1.59 0.00	24.68 1.53 0.00	26.95 1.66 0.00	31.75 1.93 0.00	37.87 2.33 0.00	43.37 3.17 0.00	43.82 3.37 0.00	48.03 3.93 0.00	53.16 4.33 -2.43	54.65 4.43 -4.51	58.76 4.28 -12.04	64.76 5.20 -10.03	90.15 5.65 -31.52	104.76 5.15 -50.01	127.60 5.23 -72.58	90.20 5.67 -30.09	86.29 7.94 -6.70	141.82 12.40 0.00	244.15 18.45 0.00	82.36 5.83 0.00	61.74 4.22 0.00	56.12 3.82 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	39.28 2.31 0.00	28.00 1.92 0.00	23.39 1.58 0.00	24.67 1.52 0.00	26.94 1.65 0.00	31.75 1.93 0.00	37.86 2.32 0.00	43.34 3.15 0.00	43.80 3.34 0.00	48.01 3.91 0.00	53.11 4.29 -2.43	54.63 4.39 -4.54	58.80 4.25 -12.11	64.81 5.20 -10.07	90.18 5.67 -31.54	104.79 5.16 -50.03	127.66 5.23 -72.62	90.16 5.68 -30.05	86.34 7.98 -6.70	141.97 12.55 0.00	244.46 18.76 0.00	82.40 5.87 0.00	61.74 4.22 0.00	56.12 3.82 0.00
RAVENSWOOD_GT_9 24257	39.28 2.31 0.00	28.00 1.92 0.00	23.39 1.58 0.00	24.67 1.52 0.00	26.94 1.65 0.00	31.75 1.93 0.00	37.86 2.32 0.00	43.34 3.15 0.00	43.80 3.34 0.00	48.01 3.91 0.00	53.11 4.29 -2.43	54.63 4.39 -4.54	58.80 4.25 -12.11	64.81 5.20 -10.07	90.18 5.67 -31.54	104.79 5.16 -50.03	127.66 5.23 -72.62	90.16 5.68 -30.05	86.34 7.98 -6.70	141.97 12.55 0.00	244.46 18.76 0.00	82.40 5.87 0.00	61.74 4.22 0.00	56.12 3.82 0.00
RAVENSWOOD___1 23533	39.31 2.35 0.00	28.05 1.97 0.00	23.42 1.61 0.00	24.70 1.55 0.00	26.97 1.68 0.00	31.75 1.94 0.00	37.87 2.33 0.00	43.39 3.19 0.00	43.85 3.40 0.00	48.07 3.97 0.00	53.24 4.42 -2.43	54.76 4.54 -4.52	58.87 4.38 -12.05	64.80 5.23 -10.03	90.15 5.66 -31.52	104.75 5.15 -50.00	127.60 5.22 -72.58	90.21 5.70 -30.08	86.25 7.89 -6.70	141.60 12.18 0.00	243.79 18.09 0.00	82.32 5.79 0.00	61.73 4.21 0.00	56.16 3.86 0.00
RAVENSWOOD___2 23534	39.30 2.34 0.00	28.01 1.93 0.00	23.39 1.57 0.00	24.66 1.51 0.00	26.93 1.64 0.00	31.71 1.89 0.00	37.82 2.28 0.00	43.33 3.14 0.00	43.79 3.34 0.00	48.01 3.91 0.00	53.15 4.33 -2.43	54.68 4.45 -4.53	58.71 4.18 -12.10	64.47 4.88 -10.06	89.77 5.27 -31.52	104.36 4.76 -49.99	127.21 4.83 -72.58	89.81 5.35 -30.04	85.81 7.46 -6.70	140.61 11.19 0.00	242.01 16.31 0.00	81.80 5.28 0.00	61.41 3.89 0.00	55.98 3.68 0.00
RAVENSWOOD___3 23535	39.30 2.34 0.00	28.01 1.93 0.00	23.39 1.58 0.00	24.67 1.52 0.00	26.94 1.65 0.00	31.75 1.93 0.00	37.87 2.33 0.00	43.36 3.16 0.00	43.80 3.34 0.00	48.02 3.92 0.00	53.13 4.31 -2.43	54.63 4.40 -4.53	58.80 4.26 -12.10	64.82 5.22 -10.06	90.17 5.68 -31.53	104.77 5.18 -50.00	127.62 5.23 -72.58	90.16 5.70 -30.04	86.36 8.00 -6.70	141.97 12.55 0.00	244.53 18.83 0.00	82.39 5.87 0.00	61.74 4.23 0.00	56.13 3.83 0.00
RAVENSWOOD___4 23820	39.31 2.35 0.00	28.05 1.97 0.00	23.42 1.61 0.00	24.70 1.55 0.00	26.97 1.68 0.00	31.75 1.94 0.00	37.87 2.33 0.00	43.39 3.19 0.00	43.85 3.40 0.00	48.07 3.97 0.00	53.24 4.42 -2.43	54.76 4.54 -4.52	58.87 4.38 -12.05	64.80 5.23 -10.03	90.15 5.66 -31.52	104.75 5.15 -50.00	127.60 5.22 -72.58	90.21 5.70 -30.08	86.25 7.89 -6.70	141.60 12.18 0.00	243.75 18.04 0.00	82.28 5.75 0.00	61.70 4.18 0.00	56.13 3.83 0.00
RCPL_TRUST___DRP 24196	39.53 2.56 0.00	28.17 2.09 0.00	23.54 1.72 0.00	24.81 1.66 0.00	27.11 1.82 0.00	31.93 2.12 0.00	38.13 2.59 0.00	43.73 3.53 0.00	44.26 3.80 0.00	48.56 4.46 0.00	53.83 4.88 -2.55	55.50 4.99 -4.81	60.10 4.83 -12.83	66.04 5.87 -10.63	92.10 6.37 -32.76	108.23 5.81 -52.83	131.21 5.86 -75.55	92.07 6.41 -31.23	87.31 8.94 -6.72	143.45 14.03 0.00	246.67 20.96 0.00	83.12 6.59 0.00	62.25 4.73 0.00	56.57 4.27 0.00
RED___ROCHESTER 323720	36.13 -0.84 0.00	25.37 -0.71 0.00	21.15 -0.66 0.00	22.39 -0.76 0.00	24.41 -0.88 0.00	28.81 -1.01 -0.01	34.71 -0.83 0.00	39.28 -0.93 -0.01	39.40 -1.06 -0.01	43.42 -0.69 -0.01	45.74 -0.65 0.00	45.52 -0.18 0.00	42.37 -0.07 0.00	49.43 -0.13 -0.01	52.57 -0.41 -0.01	49.33 -0.28 -0.01	49.59 -0.21 0.00	54.35 -0.08 0.00	72.35 0.69 -0.01	131.75 2.33 0.00	228.28 2.58 0.00	76.82 0.29 0.00	57.40 -0.13 -0.02	52.43 0.12 -0.02
REGAN___SOLAR 323812	38.81 1.84 0.00	27.39 1.31 0.00	22.85 1.03 0.00	24.17 1.02 0.00	26.45 1.16 0.00	31.22 1.40 0.00	37.22 1.68 0.00	41.52 1.32 0.00	40.89 0.44 0.00	44.11 0.01 0.00	46.20 -0.20 0.00	45.34 -0.36 0.00	42.13 -0.31 0.00	49.23 -0.30 0.00	52.76 -0.21 0.00	49.38 -0.22 0.00	49.78 -0.02 0.00	55.10 0.67 0.00	74.45 2.80 0.00	137.89 8.48 0.00	242.07 16.37 0.00	81.65 5.12 0.00	61.25 3.73 0.00	55.44 3.14 0.00
RENSSELAER___COGEN 23796	37.68 0.72 0.00	26.79 0.71 0.00	22.46 0.64 0.00	23.79 0.64 0.00	25.97 0.68 0.00	30.63 0.81 0.00	36.39 0.84 0.00	41.26 1.06 0.00	41.42 0.96 0.00	44.99 0.89 0.00	47.40 1.00 0.00	46.71 1.01 0.00	43.53 1.09 0.00	50.76 1.22 0.00	54.39 1.41 0.00	50.78 1.18 0.00	50.78 0.98 0.00	55.49 1.06 0.00	73.68 2.03 0.00	132.90 3.48 0.00	231.22 5.51 0.00	77.84 1.31 0.00	58.75 1.23 0.00	53.30 1.01 0.00
REPUBLIC_115KV_BARTNBRK 55605	40.24 3.27 0.00	28.90 2.83 0.00	24.19 2.37 0.00	25.58 2.42 0.00	27.96 2.67 0.00	33.21 3.39 0.00	40.32 4.78 0.00	45.56 5.36 0.00	45.31 4.86 0.00	48.34 4.24 0.00	50.19 3.79 0.00	49.02 3.32 0.00	44.98 2.54 0.00	52.28 2.75 0.00	56.05 3.08 0.00	52.40 2.80 0.00	52.11 2.30 0.00	57.27 2.84 0.00	77.19 5.54 0.00	141.89 12.47 0.00	250.11 24.40 0.00	83.96 7.43 0.00	64.14 6.62 0.00	57.98 5.68 0.00
REVERE_CPPR_DRP 24186	38.15 1.19 0.00	26.84 0.76 0.00	22.42 0.61 0.00	23.73 0.58 0.00	25.89 0.59 0.00	30.53 0.72 0.00	36.60 1.06 0.00	41.18 0.98 0.00	41.02 0.56 0.00	44.56 0.46 0.00	46.55 0.15 0.00	45.76 0.06 0.00	43.49 0.28 -0.78	53.14 0.40 -3.20	71.93 0.56 -18.39	59.77 0.54 -9.64	51.81 0.99 -1.03	57.31 1.63 -1.25	77.10 3.39 -2.06	140.42 8.08 -2.93	243.99 14.21 -4.07	83.54 4.40 -2.62	61.49 2.60 -1.37	54.45 2.09 -0.06
REYNLDDPA_13_KV_LD 356490	36.61 -0.35 0.00	25.77 -0.31 0.00	21.51 -0.30 0.00	22.82 -0.34 0.00	24.90 -0.39 0.00	29.36 -0.46 0.00	35.06 -0.49 0.00	39.36 -0.84 0.00	39.90 -0.55 0.00	43.42 -0.68 0.00	45.62 -0.77 0.00	44.85 -0.85 0.00	41.40 -0.84 0.20	47.72 -1.16 0.65	46.57 -1.36 5.05	46.10 -0.96 2.53	48.88 -0.92 0.00	53.15 -1.28 0.00	68.23 -2.33 1.09	125.37 -4.05 0.00	220.52 -5.18 0.00	75.01 -1.51 0.00	56.30 -1.22 0.00	51.19 -1.11 0.00
REYNOLDS_115KV_TB3 80639	37.93 0.96 0.00	26.97 0.89 0.00	22.60 0.79 0.00	23.94 0.79 0.00	26.15 0.86 0.00	30.84 1.02 0.00	36.63 1.09 0.00	41.56 1.36 0.00	41.71 1.26 0.00	45.31 1.20 0.00	47.76 1.36 0.00	47.06 1.36 0.00	43.82 1.38 0.00	51.11 1.57 0.00	54.76 1.79 0.00	51.08 1.48 0.00	51.02 1.22 0.00	55.75 1.33 0.00	74.04 2.39 0.00	133.62 4.20 0.00	232.57 6.87 0.00	78.22 1.70 0.00	59.11 1.60 0.00	53.64 1.34 0.00

RIVERBAY____ 323610	39.50 2.54 0.00	28.22 2.14 0.00	23.57 1.76 0.00	24.87 1.72 0.00	27.15 1.86 0.00	32.01 2.19 0.00	38.13 2.58 0.00	43.69 3.50 0.00	44.19 3.73 0.00	48.44 4.34 0.00	53.60 4.78 -2.43	55.04 4.81 -4.53	59.17 4.64 -12.10	65.24 5.64 -10.06	90.58 6.09 -31.52	105.23 5.64 -49.99	128.27 5.88 -72.58	90.82 6.35 -30.04	87.07 8.72 -6.70	143.20 13.78 0.00	246.55 20.85 0.00	83.85 7.32 0.00	62.79 5.27 0.00	57.09 4.79 0.00
RIVERSDE_115KV_TB3 55908	37.83 0.86 0.00	26.89 0.81 0.00	22.55 0.73 0.00	23.88 0.73 0.00	26.08 0.79 0.00	30.76 0.94 0.00	36.54 0.99 0.00	41.45 1.25 0.00	41.61 1.15 0.00	45.19 1.09 0.00	47.62 1.22 0.00	46.93 1.23 0.00	43.74 1.30 0.00	51.00 1.46 0.00	54.65 1.68 0.00	51.01 1.42 0.00	51.00 1.20 0.00	55.76 1.33 0.00	74.03 2.38 0.00	133.53 4.11 0.00	232.35 6.64 0.00	78.18 1.66 0.00	59.02 1.50 0.00	53.55 1.25 0.00
ROARING__BROOK_WT_PWR 323790	36.82 -0.14 0.00	25.96 -0.11 0.00	21.68 -0.14 0.00	22.91 -0.24 0.00	24.89 -0.40 0.00	29.24 -0.58 0.00	34.82 -0.73 0.00	39.45 -0.75 0.00	39.89 -0.56 0.00	43.51 -0.59 0.00	45.62 -0.78 0.00	44.70 -1.00 0.00	41.46 -0.98 0.00	48.31 -1.23 0.00	51.77 -1.20 0.00	48.78 -0.81 0.00	49.06 -0.73 0.00	53.59 -0.84 0.00	70.65 -1.22 -0.22	128.01 -1.40 0.00	224.35 -1.35 0.00	75.71 -0.81 0.00	56.26 -1.27 0.00	51.43 -0.86 0.00
ROCHESRG_115KV_T4 355643	35.70 -1.27 0.00	25.08 -1.00 0.00	20.91 -0.91 0.00	22.14 -1.02 0.00	24.12 -1.17 0.00	28.47 -1.35 0.00	34.09 -1.29 0.16	36.71 -1.50 1.99	36.65 -1.68 2.12	40.51 -1.38 2.22	44.02 -1.38 1.01	42.45 -0.99 2.26	39.57 -0.85 2.02	46.30 -1.00 2.24	49.34 -1.38 2.26	45.94 -1.23 2.42	46.09 -1.26 2.45	50.30 -1.37 2.75	67.28 -0.94 3.42	123.59 -0.89 4.94	215.65 -2.55 7.50	71.93 -1.25 3.35	53.51 -1.22 2.79	48.92 -0.82 2.57
ROCHESTER_9_IC 23652	35.98 -0.99 0.00	25.27 -0.81 0.00	21.06 -0.75 0.00	22.29 -0.86 0.00	24.30 -1.00 0.00	28.69 -1.13 -0.01	34.55 -1.00 0.00	39.07 -1.13 -0.01	39.15 -1.32 -0.02	43.14 -0.97 -0.01	45.48 -0.92 0.00	45.19 -0.51 0.00	42.07 -0.37 0.00	49.14 -0.42 -0.02	52.23 -0.76 -0.01	48.98 -0.63 -0.01	49.18 -0.62 0.00	53.81 -0.62 0.00	71.74 0.09 0.00	130.40 0.98 0.00	226.15 0.45 0.00	76.24 -0.29 0.00	57.01 -0.54 -0.02	52.09 -0.23 -0.02
ROCKVIEW_13_KV_LD 356306	39.37 2.41 0.00	28.00 1.93 0.00	23.40 1.59 0.00	24.70 1.55 0.00	26.96 1.67 0.00	31.79 1.97 0.00	37.95 2.41 0.00	43.42 3.22 0.00	43.86 3.40 0.00	48.04 3.94 0.00	52.96 4.35 -2.21	54.06 4.43 -3.93	57.21 4.28 -10.48	63.59 5.25 -8.81	87.52 5.69 -28.86	98.62 5.24 -43.79	121.30 5.34 -66.17	87.69 5.81 -27.45	86.58 8.22 -6.71	142.56 13.15 0.00	245.67 19.96 0.00	82.70 6.18 0.00	61.96 4.44 0.00	56.31 4.01 0.00
ROME____115KV_TB2 80656	38.15 1.19 0.00	26.84 0.76 0.00	22.42 0.61 0.00	23.73 0.58 0.00	25.89 0.59 0.00	30.53 0.72 0.00	36.60 1.06 0.00	41.18 0.98 0.00	41.02 0.56 0.00	44.56 0.46 0.00	46.55 0.15 0.00	45.76 0.06 0.00	43.49 0.28 -0.78	53.14 0.40 -3.20	71.93 0.56 -18.39	59.77 0.54 -9.64	51.81 0.99 -1.03	57.31 1.63 -1.25	77.10 3.39 -2.06	140.42 8.08 -2.93	243.99 14.21 -4.07	83.54 4.40 -2.62	61.49 2.60 -1.37	54.45 2.09 -0.06
ROSETON__1 23587	38.71 1.75 0.00	27.53 1.45 0.00	23.03 1.21 0.00	24.33 1.18 0.00	26.57 1.28 0.00	31.32 1.51 0.00	37.36 1.81 0.00	42.65 2.45 0.00	42.98 2.52 0.00	46.97 2.87 0.00	49.64 3.16 -0.08	49.10 3.23 -0.16	46.02 3.14 -0.44	53.75 3.87 -0.34	57.88 4.19 -0.72	55.08 3.81 -1.68	55.39 3.86 -1.74	59.33 4.20 -0.70	77.77 6.13 0.00	139.14 9.72 0.00	240.35 14.65 0.00	80.92 4.39 0.00	60.77 3.25 0.00	55.23 2.93 0.00
ROSETON__2 23588	38.71 1.75 0.00	27.53 1.45 0.00	23.03 1.21 0.00	24.33 1.18 0.00	26.57 1.28 0.00	31.32 1.51 0.00	37.36 1.81 0.00	42.65 2.45 0.00	42.98 2.52 0.00	46.97 2.87 0.00	49.64 3.16 -0.08	49.10 3.23 -0.16	46.02 3.14 -0.44	53.75 3.87 -0.34	57.88 4.19 -0.72	55.08 3.81 -1.68	55.39 3.86 -1.74	59.33 4.20 -0.70	77.77 6.13 0.00	139.14 9.72 0.00	240.35 14.65 0.00	80.92 4.39 0.00	60.77 3.25 0.00	55.23 2.93 0.00
ROTTDRAM_115KV_TB3 80664	38.02 1.06 0.00	26.95 0.87 0.00	22.55 0.73 0.00	23.90 0.74 0.00	26.12 0.83 0.00	30.80 0.98 0.00	36.65 1.11 0.00	41.49 1.30 0.00	41.63 1.17 0.00	45.24 1.14 0.00	47.61 1.21 0.00	46.92 1.22 0.00	43.61 1.17 0.00	50.94 1.40 0.00	54.51 1.55 0.00	50.93 1.33 0.00	51.07 1.27 0.00	55.88 1.45 0.00	74.21 2.56 0.00	134.22 4.80 0.00	233.66 7.96 0.00	78.86 2.33 0.00	59.42 1.91 0.00	53.97 1.67 0.00
RUSSELL__1 23602	36.13 -0.84 0.00	25.37 -0.71 0.00	21.13 -0.68 0.00	22.38 -0.77 0.00	24.39 -0.91 0.00	28.80 -1.03 -0.01	34.69 -0.86 0.00	39.24 -0.97 -0.01	39.34 -1.13 -0.01	43.35 -0.75 -0.01	45.72 -0.68 0.00	45.46 -0.24 0.00	42.32 -0.12 0.00	49.44 -0.10 -0.01	52.59 -0.40 -0.01	49.33 -0.28 -0.01	49.56 -0.24 0.00	54.24 -0.19 0.00	72.34 0.69 -0.01	131.44 2.03 0.00	227.64 1.94 0.00	76.70 0.17 0.00	57.33 -0.20 -0.02	52.38 0.07 -0.02
RUSSELL__2 23532	36.13 -0.84 0.00	25.37 -0.71 0.00	21.13 -0.68 0.00	22.38 -0.77 0.00	24.39 -0.91 0.00	28.80 -1.03 -0.01	34.69 -0.86 0.00	39.24 -0.97 -0.01	39.34 -1.13 -0.01	43.35 -0.75 -0.01	45.72 -0.68 0.00	45.46 -0.24 0.00	42.32 -0.12 0.00	49.44 -0.10 -0.01	52.59 -0.40 -0.01	49.33 -0.28 -0.01	49.56 -0.24 0.00	54.24 -0.19 0.00	72.34 0.69 -0.01	131.44 2.03 0.00	227.64 1.94 0.00	76.70 0.17 0.00	57.33 -0.20 -0.02	52.38 0.07 -0.02
RUSSELL__3 23549	36.13 -0.84 0.00	25.37 -0.71 0.00	21.13 -0.68 0.00	22.38 -0.77 0.00	24.39 -0.91 0.00	28.80 -1.03 -0.01	34.69 -0.86 0.00	39.24 -0.97 -0.01	39.34 -1.13 -0.01	43.35 -0.75 -0.01	45.72 -0.68 0.00	45.46 -0.24 0.00	42.32 -0.12 0.00	49.44 -0.10 -0.01	52.59 -0.40 -0.01	49.33 -0.28 -0.01	49.56 -0.24 0.00	54.24 -0.19 0.00	72.34 0.69 -0.01	131.44 2.03 0.00	227.64 1.94 0.00	76.70 0.17 0.00	57.33 -0.20 -0.02	52.38 0.07 -0.02
RUSSELL__4 23556	36.13 -0.84 0.00	25.37 -0.71 0.00	21.13 -0.68 0.00	22.38 -0.77 0.00	24.39 -0.91 0.00	28.80 -1.03 -0.01	34.69 -0.86 0.00	39.24 -0.97 -0.01	39.34 -1.13 -0.01	43.35 -0.75 -0.01	45.72 -0.68 0.00	45.46 -0.24 0.00	42.32 -0.12 0.00	49.44 -0.10 -0.01	52.59 -0.40 -0.01	49.33 -0.28 -0.01	49.56 -0.24 0.00	54.24 -0.19 0.00	72.34 0.69 -0.01	131.44 2.03 0.00	227.64 1.94 0.00	76.70 0.17 0.00	57.33 -0.20 -0.02	52.38 0.07 -0.02
RUSSELL__STATION 23914	36.13 -0.84 0.00	25.37 -0.71 0.00	21.13 -0.68 0.00	22.38 -0.77 0.00	24.39 -0.91 0.00	28.80 -1.03 -0.01	34.69 -0.86 0.00	39.24 -0.97 -0.01	39.34 -1.13 -0.01	43.35 -0.75 -0.01	45.72 -0.68 0.00	45.46 -0.24 0.00	42.32 -0.12 0.00	49.44 -0.10 -0.01	52.59 -0.40 -0.01	49.33 -0.28 -0.01	49.56 -0.24 0.00	54.24 -0.19 0.00	72.34 0.69 -0.01	131.44 2.03 0.00	227.64 1.94 0.00	76.70 0.17 0.00	57.33 -0.20 -0.02	52.38 0.07 -0.02

S SALMON___HYD 24043	36.33 -0.63 0.00	25.59 -0.49 0.00	21.37 -0.44 0.00	22.62 -0.53 0.00	24.69 -0.60 0.00	29.07 -0.75 0.00	34.80 -0.75 0.00	38.99 -1.21 0.00	38.94 -1.51 0.00	42.41 -1.69 0.00	44.44 -1.95 0.00	43.75 -1.94 0.00	40.47 -1.76 0.21	48.80 -2.06 -1.33	41.43 -2.10 9.43	44.22 -1.91 3.46	51.26 -1.67 -3.13	56.82 -1.43 -3.82	76.91 -1.12 -6.38	137.79 -0.54 -8.91	237.80 -0.30 -12.40	84.10 -0.41 -7.98	60.76 -0.93 -4.17	51.49 -0.98 -0.17
S.PERRY___115KV_TB1 80734	36.78 -0.19 0.00	28.97 -0.46 -3.35	48.30 -0.50 -26.98	53.63 -0.57 -31.04	63.86 -0.66 -39.23	70.91 -0.65 -41.74	80.40 -0.23 -45.09	87.16 -0.35 -47.32	88.61 -1.07 -49.23	94.93 -0.70 -51.53	68.92 -0.88 -23.39	97.93 -0.58 -52.81	93.37 -0.46 -51.39	106.00 -1.09 -57.54	106.87 -2.66 -56.57	104.05 -2.33 -56.78	104.87 -2.46 -57.53	115.19 -2.53 -63.28	147.17 -2.19 -77.71	243.38 -1.78 -115.74	401.14 -2.58 -178.02	156.02 -0.50 -79.99	125.23 1.41 -66.30	113.30 0.72 -60.28
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.11 -2.86 0.00	22.74 -2.24 1.09	11.09 -1.92 8.80	10.92 -2.10 10.14	10.06 -2.43 12.81	13.27 -2.91 13.64	17.63 -2.97 14.94	20.79 -3.28 16.13	20.20 -3.33 16.93	23.49 -2.90 17.71	35.28 -3.09 8.03	25.15 -2.45 18.10	22.89 -2.17 17.38	27.60 -2.64 19.30	30.49 -3.46 19.03	27.01 -3.25 19.33	26.68 -3.57 19.54	29.83 -4.21 20.38	43.03 -4.65 23.96	83.43 -7.55 38.44	151.55 -13.86 60.30	44.68 -4.91 26.94	31.24 -3.78 22.49	28.93 -2.69 20.68
SAWYER___23_KV_LOAD 55526	34.11 -2.86 0.00	22.74 -2.24 1.09	11.09 -1.92 8.80	10.92 -2.10 10.14	10.06 -2.43 12.81	13.27 -2.91 13.64	17.63 -2.97 14.94	20.79 -3.28 16.13	20.20 -3.33 16.93	23.49 -2.90 17.71	35.28 -3.09 8.03	25.15 -2.45 18.10	22.89 -2.17 17.38	27.60 -2.64 19.30	30.49 -3.46 19.03	27.01 -3.25 19.33	26.68 -3.57 19.54	29.83 -4.21 20.38	43.03 -4.65 23.96	83.43 -7.55 38.44	151.55 -13.86 60.30	44.68 -4.91 26.94	31.24 -3.78 22.49	28.93 -2.69 20.68
SELKIRK___I 23801	37.94 0.98 0.00	26.95 0.88 0.00	22.58 0.76 0.00	23.94 0.79 0.00	26.16 0.87 0.00	30.85 1.03 0.00	36.63 1.09 0.00	41.42 1.22 0.00	41.49 1.03 0.00	45.14 1.04 0.00	47.52 1.13 0.00	46.75 1.05 0.00	43.51 1.07 0.00	50.75 1.22 0.00	54.34 1.37 0.00	50.74 1.15 0.00	50.81 1.01 0.00	55.55 1.12 0.00	73.91 2.26 0.00	133.45 4.03 0.00	232.30 6.60 0.00	78.38 1.85 0.00	59.12 1.60 0.00	53.74 1.44 0.00
SELKIRK___II 23799	37.77 0.80 0.00	26.83 0.75 0.00	22.49 0.67 0.00	23.83 0.68 0.00	26.03 0.74 0.00	30.69 0.87 0.00	36.47 0.92 0.00	41.36 1.16 0.00	41.53 1.07 0.00	45.16 1.06 0.00	47.57 1.18 0.00	46.89 1.19 0.00	43.66 1.22 0.00	50.95 1.41 0.00	54.57 1.60 0.00	50.93 1.34 0.00	50.98 1.18 0.00	55.70 1.27 0.00	73.90 2.25 0.00	133.21 3.79 0.00	231.68 5.98 0.00	78.09 1.56 0.00	58.91 1.39 0.00	53.51 1.22 0.00
SENECA OSWGO___HYD 24041	35.97 -1.00 0.00	25.40 -0.68 0.00	21.22 -0.59 0.00	22.50 -0.65 0.00	24.57 -0.72 0.00	28.99 -0.83 0.00	34.64 -0.91 0.00	39.16 -1.04 0.00	39.32 -1.14 0.00	42.87 -1.23 0.00	45.09 -1.30 0.00	44.42 -1.28 0.00	41.78 -1.27 -0.61	54.57 -1.40 -6.43	57.79 -1.52 -6.33	54.15 -1.42 -5.98	55.38 -1.34 -6.92	61.58 -1.28 -8.43	84.65 -1.20 -14.20	147.52 -1.57 -19.67	249.87 -3.20 -27.36	92.76 -1.39 -17.62	65.41 -1.30 -9.19	51.44 -1.23 -0.37
SENECA___115KV_TB3 355854	34.40 -2.56 0.00	22.88 -2.08 1.13	10.98 -1.75 9.09	10.77 -1.91 10.46	9.87 -2.21 13.22	13.09 -2.66 14.07	17.39 -2.63 15.52	20.67 -2.79 16.73	19.73 -2.76 17.97	22.96 -2.29 18.84	35.26 -2.56 8.57	24.50 -1.86 19.34	22.24 -1.62 18.58	26.93 -2.04 20.57	29.95 -2.78 20.24	26.48 -2.58 20.54	26.16 -2.80 20.84	29.31 -3.23 21.89	42.21 -3.56 25.87	83.20 -5.12 41.09	151.74 -9.66 64.30	44.05 -3.75 28.72	30.64 -2.99 23.89	28.21 -2.13 21.96
SENECA___ENERGY 23797	36.56 -0.41 0.00	25.92 -0.39 -0.23	23.26 -0.38 -1.82	24.78 -0.46 -2.09	27.44 -0.50 -2.65	32.10 -0.54 -2.81	38.18 -0.40 -3.03	42.93 -0.43 -3.16	43.18 -0.71 -3.43	46.97 -0.72 -3.59	47.23 -0.81 -1.64	48.82 -0.60 -3.72	46.22 -0.47 -4.25	56.22 -0.35 -7.03	59.88 -0.45 -7.35	55.75 -0.45 -6.60	56.19 -0.30 -6.70	62.04 -0.05 -7.66	83.26 0.73 -10.88	147.59 2.44 -15.74	252.45 3.53 -23.21	89.68 0.65 -12.51	65.88 0.10 -8.26	56.69 -0.02 -4.41
SHOEMAKER___GT 23640	38.69 1.72 0.00	27.46 1.38 0.00	22.97 1.16 0.00	24.28 1.13 0.00	26.50 1.21 0.00	31.24 1.43 0.00	37.29 1.75 0.00	42.53 2.33 0.00	42.78 2.32 0.00	46.74 2.64 0.00	49.12 2.89 0.16	48.41 2.93 0.22	44.74 2.89 0.59	49.21 3.64 3.97	-5.96 3.97 62.90	32.62 3.68 20.65	-80.43 3.77 134.00	0.33 4.19 58.29	41.62 6.26 36.28	139.55 10.13 0.00	241.04 15.33 0.00	81.13 4.60 0.00	60.83 3.31 0.00	55.25 2.95 0.00
SHOEMAKR_138KV_BK 111 55601	38.68 1.72 0.00	27.45 1.38 0.00	22.97 1.16 0.00	24.28 1.12 0.00	26.49 1.20 0.00	31.24 1.42 0.00	37.28 1.74 0.00	42.53 2.33 0.00	42.81 2.35 0.00	46.77 2.67 0.00	49.18 2.94 0.15	48.49 3.00 0.21	44.84 2.95 0.55	47.50 3.70 5.73	-37.40 4.04 94.41	23.45 3.72 29.87	-147.35 3.83 200.97	-28.81 4.22 87.47	23.11 6.26 54.79	139.51 10.10 0.00	240.86 15.16 0.00	81.09 4.56 0.00	60.81 3.29 0.00	55.24 2.94 0.00
SHOREHAM_IC_1 23715	39.10 2.13 0.00	28.13 2.05 0.00	23.41 1.59 0.00	24.83 1.68 0.00	27.14 1.85 0.00	32.07 2.25 0.00	38.27 2.72 0.00	43.28 3.08 0.00	43.50 3.04 0.00	47.76 3.66 0.00	52.92 4.31 -2.22	53.41 3.66 -4.06	56.47 3.21 -10.82	62.60 4.08 -8.98	86.62 4.27 -29.38	98.49 4.03 -44.87	120.16 4.29 -66.07	86.27 4.83 -27.01	85.87 7.54 -6.69	140.97 11.55 0.00	241.25 15.56 0.00	81.17 4.65 0.00	60.77 3.26 0.00	55.46 3.16 0.00
SHOREHAM_IC_2 23716	39.10 2.13 0.00	28.13 2.05 0.00	23.41 1.59 0.00	24.83 1.68 0.00	27.14 1.85 0.00	32.07 2.25 0.00	38.27 2.72 0.00	43.28 3.08 0.00	43.50 3.04 0.00	47.76 3.66 0.00	52.92 4.31 -2.22	53.41 3.66 -4.06	56.47 3.21 -10.82	62.60 4.08 -8.98	86.62 4.27 -29.38	98.49 4.03 -44.87	120.16 4.29 -66.07	86.27 4.83 -27.01	85.87 7.54 -6.69	140.97 11.55 0.00	241.25 15.56 0.00	81.17 4.65 0.00	60.77 3.26 0.00	55.46 3.16 0.00
SISSONVILLE____ 23735	35.88 -1.09 0.00	25.22 -0.86 0.00	21.03 -0.78 0.00	22.29 -0.87 0.00	24.31 -0.98 0.00	28.67 -1.15 0.00	33.92 -1.62 0.00	37.55 -2.64 0.00	37.94 -2.52 0.00	41.10 -3.00 0.00	42.92 -3.48 0.00	42.00 -3.69 0.00	38.32 -3.33 0.79	42.73 -4.19 2.61	28.41 -4.42 20.14	35.65 -3.86 10.09	46.15 -3.65 0.00	50.52 -3.91 0.00	65.54 -5.63 0.48	120.74 -8.68 0.00	213.68 -12.02 0.00	72.79 -3.73 0.00	54.34 -3.18 0.00	49.55 -2.75 0.00
SITHE_IND_GS1 24169	35.91 -1.05 0.00	25.39 -0.69 0.00	21.22 -0.60 0.00	22.50 -0.65 0.00	24.57 -0.72 0.00	28.98 -0.84 0.00	34.59 -0.95 0.00	39.07 -1.13 0.00	39.24 -1.21 0.00	42.82 -1.28 0.00	45.05 -1.35 0.00	44.36 -1.34 0.00	39.18 -1.38 1.88	29.51 -1.59 18.44	29.13 -1.73 22.11	29.12 -1.61 18.87	29.02 -1.55 19.23	29.41 -1.60 23.42	30.45 -1.73 39.47	72.04 -2.71 54.68	144.39 -5.23 76.08	25.56 -1.99 48.99	30.27 -1.69 25.55	49.76 -1.50 1.04

SITHE_IND_GS2 24170	35.91 -1.05 0.00	25.39 -0.69 0.00	21.22 -0.60 0.00	22.50 -0.65 0.00	24.57 -0.72 0.00	28.98 -0.84 0.00	34.59 -0.95 0.00	39.07 -1.13 0.00	39.24 -1.21 0.00	42.82 -1.28 0.00	45.05 -1.35 0.00	44.36 -1.34 0.00	39.18 -1.38 1.88	29.51 -1.59 18.44	29.13 -1.73 22.11	29.12 -1.61 18.87	29.02 -1.55 19.23	29.41 -1.60 23.42	30.45 -1.73 39.47	72.04 -2.71 54.68	144.39 -5.23 76.08	25.56 -1.99 48.99	30.27 -1.69 25.55	49.76 -1.50 1.04
SITHE_IND_GS3 24171	35.91 -1.05 0.00	25.39 -0.69 0.00	21.22 -0.60 0.00	22.50 -0.65 0.00	24.57 -0.72 0.00	28.98 -0.84 0.00	34.59 -0.95 0.00	39.07 -1.13 0.00	39.24 -1.21 0.00	42.82 -1.28 0.00	45.05 -1.35 0.00	44.36 -1.34 0.00	39.18 -1.38 1.88	29.51 -1.59 18.44	29.13 -1.73 22.11	29.12 -1.61 18.87	29.02 -1.55 19.23	29.41 -1.60 23.42	30.45 -1.73 39.47	72.04 -2.71 54.68	144.39 -5.23 76.08	25.56 -1.99 48.99	30.27 -1.69 25.55	49.76 -1.50 1.04
SITHE_IND_GS4 24172	35.91 -1.05 0.00	25.39 -0.69 0.00	21.22 -0.60 0.00	22.50 -0.65 0.00	24.57 -0.72 0.00	28.98 -0.84 0.00	34.59 -0.95 0.00	39.07 -1.13 0.00	39.24 -1.21 0.00	42.82 -1.28 0.00	45.05 -1.35 0.00	44.36 -1.34 0.00	39.18 -1.38 1.88	29.51 -1.59 18.44	29.13 -1.73 22.11	29.12 -1.61 18.87	29.02 -1.55 19.23	29.41 -1.60 23.42	30.45 -1.73 39.47	72.04 -2.71 54.68	144.39 -5.23 76.08	25.56 -1.99 48.99	30.27 -1.69 25.55	49.76 -1.50 1.04
SITHE___BATAVIA 24024	35.39 -1.57 0.00	24.22 -1.29 0.57	16.15 -1.07 4.60	16.67 -1.19 5.30	17.23 -1.37 6.69	21.14 -1.59 7.09	26.36 -1.35 7.83	30.14 -1.51 8.55	29.53 -1.95 8.98	32.93 -1.71 9.46	40.13 -1.95 4.32	34.66 -1.30 9.74	32.14 -1.03 9.27	37.96 -1.40 10.17	40.78 -2.14 10.05	37.41 -1.90 10.28	37.17 -2.13 10.50	41.20 -2.25 10.99	56.91 -1.79 12.94	108.29 -0.45 20.68	192.73 -0.58 32.39	61.44 -0.63 14.46	45.06 -0.54 11.92	41.29 -0.07 10.95
SITHE___INDEPEND 23800	35.91 -1.05 0.00	25.39 -0.69 0.00	21.22 -0.60 0.00	22.50 -0.65 0.00	24.57 -0.72 0.00	28.98 -0.84 0.00	34.58 -0.96 0.00	39.07 -1.13 0.00	39.24 -1.21 0.00	42.82 -1.28 0.00	45.04 -1.35 0.00	44.35 -1.35 0.00	39.18 -1.38 1.88	29.51 -1.59 18.44	29.14 -1.72 22.11	29.12 -1.60 18.87	29.03 -1.54 19.23	29.39 -1.61 23.42	30.45 -1.73 39.47	71.99 -2.75 54.68	144.39 -5.24 76.08	25.52 -2.03 48.99	30.26 -1.70 25.55	49.76 -1.50 1.04
SITHE___MASSENA 23902	36.53 -0.43 0.00	25.71 -0.37 0.00	21.46 -0.36 0.00	22.75 -0.40 0.00	24.83 -0.46 0.00	29.29 -0.52 0.00	34.98 -0.56 0.00	39.21 -0.98 0.00	39.74 -0.71 0.00	43.25 -0.86 0.00	45.37 -1.02 0.00	44.61 -1.09 0.00	41.19 -1.41 0.27	47.25 -1.57 0.88	44.59 -1.57 6.81	44.94 -1.24 3.41	48.64 -1.16 0.00	53.01 -1.42 0.00	68.07 -2.56 1.02	125.22 -4.19 0.00	220.18 -5.52 0.00	75.01 -1.51 0.00	56.30 -1.22 0.00	51.15 -1.15 0.00
SITHE___OGDNSBRG 24021	36.79 -0.17 0.00	25.86 -0.22 0.00	21.57 -0.25 0.00	22.87 -0.28 0.00	24.94 -0.35 0.00	29.46 -0.36 0.00	35.04 -0.50 0.00	39.00 -1.20 0.00	39.37 -1.09 0.00	42.60 -1.50 0.00	44.40 -1.99 0.00	43.55 -2.15 0.00	39.92 -1.93 0.59	45.00 -2.59 1.94	35.21 -2.80 14.96	39.76 -2.34 7.50	47.59 -2.21 0.00	51.93 -2.50 0.00	67.01 -3.95 0.69	123.98 -5.44 0.00	220.63 -5.08 0.00	75.31 -1.22 0.00	56.33 -1.19 0.00	51.23 -1.07 0.00
SITHE___STERLING 23777	37.86 0.89 0.00	26.67 0.59 0.00	22.28 0.46 0.00	23.59 0.44 0.00	25.74 0.45 0.00	30.39 0.57 0.00	36.36 0.82 0.00	41.01 0.81 0.00	40.90 0.44 0.00	44.51 0.41 0.00	46.63 0.23 0.00	45.93 0.23 0.00	43.29 0.35 -0.50	52.36 0.49 -2.32	64.73 0.60 -11.16	56.23 0.59 -6.04	51.77 0.87 -1.10	57.09 1.32 -1.34	76.56 2.69 -2.22	138.80 6.26 -3.12	240.90 10.86 -4.34	82.54 3.22 -2.80	60.95 1.98 -1.46	53.96 1.61 -0.06
SLEIGHT__34_KV_TB1 80719	36.02 -0.95 0.00	25.33 -0.75 0.00	21.11 -0.70 0.00	22.36 -0.80 0.00	24.41 -0.88 0.00	28.85 -0.97 0.00	34.68 -0.87 0.00	39.20 -1.00 0.00	39.20 -1.26 0.00	42.93 -1.17 0.00	45.21 -1.19 0.00	44.77 -0.93 0.00	41.71 -0.81 -0.08	49.53 -0.78 -0.77	52.89 -1.01 -0.93	49.47 -0.91 -0.79	49.82 -0.78 -0.80	54.72 -0.70 -0.98	73.20 -0.11 -1.66	132.52 0.81 -2.29	229.51 0.62 -3.19	78.38 -0.20 -2.05	58.05 -0.54 -1.07	51.92 -0.42 -0.04
SOUTH CAIRO___GT 23612	38.76 1.79 0.00	27.48 1.40 0.00	23.01 1.20 0.00	24.38 1.23 0.00	26.63 1.34 0.00	31.45 1.63 0.00	37.44 1.90 0.00	42.40 2.20 0.00	42.24 1.78 0.00	45.70 1.60 0.00	48.11 1.71 0.00	47.39 1.69 0.00	44.15 1.71 0.00	51.53 1.99 0.00	55.26 2.30 0.00	51.72 2.12 0.00	52.01 2.21 0.00	57.18 2.75 0.00	76.54 4.89 0.00	139.21 9.79 0.00	242.88 17.18 0.00	81.70 5.17 0.00	61.28 3.77 0.00	55.40 3.10 0.00
SOUTH HAMPTN___IC 23720	39.17 2.20 0.00	28.22 2.14 0.00	23.44 1.63 0.00	25.02 1.87 0.00	27.38 2.09 0.00	32.37 2.55 0.00	38.66 3.12 0.00	43.66 3.47 0.00	43.86 3.40 0.00	48.25 4.15 0.00	53.53 4.91 -2.22	54.09 4.34 -4.06	57.10 3.84 -10.82	63.37 4.86 -8.98	87.34 4.99 -29.38	98.96 4.50 -44.87	120.39 4.54 -66.05	86.55 5.12 -26.99	86.18 7.85 -6.68	141.42 12.00 0.00	241.36 15.66 0.00	81.39 4.87 0.00	60.89 3.37 0.00	55.53 3.23 0.00
SOUTHDOW__115KV_TB1 355954	34.83 -2.13 0.00	23.59 -1.82 0.67	14.87 -1.54 5.40	15.28 -1.66 6.21	15.52 -1.92 7.85	19.21 -2.31 8.30	24.91 -2.12 8.51	28.48 -1.93 9.79	23.33 -1.59 15.54	26.92 -0.90 16.28	37.84 -1.15 7.40	28.26 -0.74 16.70	25.86 -0.50 16.08	31.39 -0.33 17.82	34.56 -0.90 17.52	30.79 -1.06 17.75	30.54 -1.26 18.00	33.88 -1.59 18.95	47.97 -1.22 22.47	93.14 -0.75 35.53	167.72 -2.40 55.58	50.28 -1.41 24.83	35.15 -1.69 20.67	32.57 -0.72 19.00
SOUTHOLD_69_KV_BK 2 55809	38.99 2.02 0.00	28.18 2.11 0.00	23.37 1.55 0.00	25.18 2.02 0.00	27.58 2.29 0.00	32.64 2.82 0.00	39.03 3.48 0.00	43.93 3.73 0.00	44.07 3.62 0.00	48.63 4.53 0.00	54.00 5.39 -2.22	54.63 4.88 -4.06	57.59 4.33 -10.82	64.00 5.48 -8.98	87.88 5.53 -29.38	99.23 4.77 -44.87	120.32 4.47 -66.05	86.47 5.04 -26.99	86.04 7.71 -6.69	140.69 11.28 0.00	236.61 10.91 0.00	81.14 4.62 0.00	60.64 3.12 0.00	55.24 2.94 0.00
SOUTHOLD___IC 23719	38.99 2.02 0.00	28.18 2.11 0.00	23.36 1.55 0.00	25.18 2.02 0.00	27.58 2.29 0.00	32.64 2.82 0.00	39.03 3.48 0.00	43.92 3.72 0.00	44.06 3.60 0.00	48.62 4.52 0.00	54.01 5.39 -2.22	54.64 4.88 -4.06	57.60 4.34 -10.82	64.00 5.48 -8.98	87.87 5.53 -29.38	99.24 4.78 -44.87	120.31 4.46 -66.05	86.44 5.02 -26.99	86.04 7.71 -6.68	140.66 11.24 0.00	236.59 10.89 0.00	81.11 4.58 0.00	60.61 3.09 0.00	55.20 2.90 0.00
SOUTH_FORK_WT_PWR 323839	38.56 1.59 0.00	27.98 1.90 0.00	23.14 1.33 0.00	25.13 1.98 0.00	27.55 2.26 0.00	32.62 2.81 0.00	39.03 3.48 0.00	43.79 3.60 0.00	43.90 3.44 0.00	48.52 4.42 0.00	53.99 5.38 -2.22	54.66 4.90 -4.06	57.63 4.38 -10.82	64.07 5.55 -8.98	87.91 5.56 -29.38	98.97 4.51 -44.87	119.74 3.88 -66.05	85.75 4.33 -26.99	85.12 6.79 -6.68	139.22 9.80 0.00	235.84 10.14 0.00	80.08 3.55 0.00	59.84 2.32 0.00	54.49 2.19 0.00

SPIERFLS_115KV_TB1 80737	39.03 2.06 0.00	27.76 1.68 0.00	23.22 1.40 0.00	24.59 1.44 0.00	26.89 1.60 0.00	31.77 1.95 0.00	37.82 2.27 0.00	42.79 2.60 0.00	42.85 2.39 0.00	46.22 2.12 0.00	48.55 2.16 0.00	47.78 2.08 0.00	44.23 1.79 0.00	51.42 1.89 0.00	54.81 1.84 0.00	51.06 1.46 0.00	51.07 1.27 0.00	56.10 1.67 0.00	75.12 3.47 0.00	136.68 7.27 0.00	238.55 12.85 0.00	80.36 3.83 0.00	60.77 3.25 0.00	55.02 2.72 0.00
ST LAWRENCE____ 23600	36.34 -0.62 0.00	25.58 -0.50 0.00	21.36 -0.46 0.00	22.65 -0.50 0.00	24.72 -0.57 0.00	29.16 -0.66 0.00	34.80 -0.74 0.00	39.07 -1.13 0.00	39.65 -0.80 0.00	43.17 -0.92 0.00	45.38 -1.01 0.00	44.63 -1.07 0.00	41.28 -0.99 0.18	47.61 -1.35 0.58	47.03 -1.48 4.46	46.15 -1.20 2.24	48.68 -1.12 0.00	53.04 -1.39 0.00	68.01 -2.52 1.11	125.02 -4.40 0.00	219.45 -6.25 0.00	74.75 -1.77 0.00	56.16 -1.36 0.00	51.00 -1.30 0.00
STATE_CA_115KV_115_LB 55624	37.88 0.91 0.00	26.92 0.84 0.00	22.57 0.75 0.00	23.90 0.75 0.00	26.10 0.80 0.00	30.77 0.95 0.00	36.57 1.03 0.00	41.48 1.29 0.00	41.65 1.19 0.00	45.23 1.13 0.00	47.67 1.28 0.00	46.99 1.29 0.00	43.81 1.38 0.00	51.11 1.57 0.00	54.79 1.82 0.00	51.19 1.59 0.00	51.23 1.44 0.00	56.04 1.61 0.00	74.40 2.76 0.00	134.16 4.74 0.00	233.32 7.61 0.00	78.50 1.97 0.00	59.19 1.67 0.00	53.70 1.40 0.00
STATE_ST_34_KV_LOAD 55959	37.04 0.07 0.00	26.09 0.01 0.00	21.79 -0.03 0.00	23.03 -0.12 0.00	25.23 -0.06 0.00	29.80 -0.02 0.00	35.69 0.15 0.00	40.36 0.00 -0.17	42.01 -0.30 -1.86	45.74 -0.31 -1.95	46.89 -0.40 -0.89	47.43 -0.28 -2.01	44.60 -0.24 -2.40	54.75 -0.12 -5.33	58.62 -0.20 -5.85	54.64 -0.17 -5.21	55.23 0.13 -5.30	61.03 0.42 -6.18	81.98 1.01 -9.31	145.46 2.77 -13.27	249.17 4.27 -19.20	88.81 1.25 -11.03	64.83 0.61 -6.70	55.30 0.51 -2.49
STATION 5_MISC_HYD 23604	35.98 -0.99 0.00	25.27 -0.81 0.00	21.07 -0.75 0.00	22.30 -0.85 0.00	24.32 -0.97 0.00	28.70 -1.12 -0.01	34.57 -0.98 0.00	39.11 -1.10 -0.01	39.22 -1.25 -0.02	43.20 -0.91 -0.01	45.51 -0.89 0.00	45.26 -0.44 0.00	42.12 -0.32 0.00	49.11 -0.44 -0.02	52.22 -0.77 -0.01	48.98 -0.63 -0.01	49.22 -0.58 0.00	53.92 -0.51 0.00	71.74 0.09 0.00	130.71 1.29 0.00	226.67 0.97 0.00	76.34 -0.18 0.00	57.08 -0.46 -0.02	52.13 -0.19 -0.02
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.25 -0.71 0.00	25.47 -0.61 0.00	21.24 -0.58 0.00	22.49 -0.66 0.00	24.54 -0.75 0.00	28.98 -0.84 0.00	34.85 -0.70 0.00	39.46 -0.74 0.00	39.51 -0.74 0.00	43.35 -0.75 0.00	45.61 -0.78 0.00	45.23 -0.47 0.00	42.17 -0.36 -0.09	50.10 -0.29 -0.85	53.49 -0.50 -1.02	50.05 -0.42 -0.87	50.36 -0.33 -0.89	55.32 -0.19 -1.08	74.11 0.64 -1.82	134.07 2.13 -2.52	231.83 2.62 -3.51	79.16 0.37 -2.26	58.57 -0.13 -1.18	52.28 -0.07 -0.05
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.78 -1.19 0.00	25.14 -0.94 0.00	20.95 -0.86 0.00	22.19 -0.97 0.00	24.18 -1.11 0.00	28.55 -1.27 -0.01	34.35 -1.19 0.00	38.88 -1.32 -0.01	38.98 -1.49 -0.01	42.91 -1.20 -0.01	45.23 -1.16 0.00	44.92 -0.78 0.00	41.79 -0.65 0.00	48.83 -0.72 -0.01	51.94 -1.04 -0.01	48.70 -0.90 -0.01	48.92 -0.88 0.00	53.53 -0.90 0.00	71.31 -0.34 0.00	129.60 0.18 0.00	224.80 -0.90 0.00	75.82 -0.71 0.00	56.67 -0.87 -0.02	51.72 -0.59 -0.02
STA_56____34_KV_BUS2 355983	35.78 -1.19 0.00	25.14 -0.94 0.00	20.95 -0.86 0.00	22.19 -0.97 0.00	24.18 -1.11 0.00	28.55 -1.27 -0.01	34.35 -1.19 0.00	38.88 -1.32 -0.01	38.98 -1.49 -0.01	42.91 -1.20 -0.01	45.23 -1.16 0.00	44.92 -0.78 0.00	41.79 -0.65 0.00	48.83 -0.72 -0.01	51.94 -1.04 -0.01	48.70 -0.90 -0.01	48.92 -0.88 0.00	53.53 -0.90 0.00	71.31 -0.34 0.00	129.60 0.18 0.00	224.80 -0.90 0.00	75.82 -0.71 0.00	56.67 -0.87 -0.02	51.72 -0.59 -0.02
STA_67____115KV_BK2 355882	35.92 -1.05 0.00	25.23 -0.85 0.00	21.02 -0.79 0.00	22.26 -0.89 0.00	24.26 -1.03 0.00	28.64 -1.18 -0.01	34.49 -1.06 0.00	38.99 -1.22 -0.01	39.07 -1.40 -0.02	43.05 -1.06 -0.01	45.37 -1.02 0.00	45.09 -0.61 0.00	41.96 -0.48 0.00	49.00 -0.56 -0.02	52.08 -0.91 -0.01	48.83 -0.78 -0.02	49.04 -0.76 0.00	53.64 -0.79 0.00	71.50 -0.15 0.00	130.00 0.58 0.00	225.50 -0.20 0.00	76.05 -0.48 0.00	56.87 -0.67 -0.02	51.96 -0.36 -0.02
STA_7____115KV_9TRANS 80674	36.13 -0.84 0.00	25.37 -0.71 0.00	21.13 -0.68 0.00	22.38 -0.77 0.00	24.39 -0.91 0.00	28.80 -1.03 -0.01	34.69 -0.86 0.00	39.24 -0.97 -0.01	39.34 -1.13 -0.01	43.35 -0.75 -0.01	45.72 -0.68 0.00	45.46 -0.24 0.00	42.32 -0.12 0.00	49.44 -0.10 -0.01	52.59 -0.40 -0.01	49.33 -0.28 -0.01	49.56 -0.24 0.00	54.24 -0.19 0.00	72.34 0.69 -0.01	131.44 2.03 0.00	227.64 1.94 0.00	76.70 0.17 0.00	57.33 -0.20 -0.02	52.38 0.07 -0.02
STA_82____115KV_TB1 80780	35.85 -1.12 0.00	25.18 -0.90 0.00	20.99 -0.83 0.00	22.22 -0.93 0.00	24.22 -1.08 0.00	28.58 -1.24 -0.01	34.41 -1.13 0.00	38.91 -1.30 -0.01	38.98 -1.49 -0.02	42.94 -1.17 -0.01	45.25 -1.15 0.00	44.96 -0.74 0.00	41.83 -0.61 0.00	48.84 -0.71 -0.02	51.91 -1.07 -0.02	48.67 -0.94 -0.02	48.85 -0.95 0.00	53.44 -0.99 0.00	71.24 -0.42 0.00	129.54 0.12 0.00	224.78 -0.92 0.00	75.83 -0.70 0.00	56.72 -0.82 -0.02	51.83 -0.49 -0.02
STEEL____WIND 323596	34.36 -2.61 0.00	22.85 -2.10 1.13	10.95 -1.77 9.09	10.74 -1.95 10.46	9.82 -2.25 13.22	13.05 -2.70 14.07	17.34 -2.69 15.52	20.62 -2.85 16.73	19.65 -2.84 17.97	22.87 -2.38 18.84	35.18 -2.64 8.57	24.44 -1.91 19.34	22.16 -1.70 18.58	26.83 -2.14 20.57	29.86 -2.87 20.24	26.40 -2.65 20.54	26.06 -2.90 20.84	29.23 -3.31 21.89	42.09 -3.68 25.87	83.07 -5.26 41.09	151.45 -9.95 64.30	43.95 -3.85 28.72	30.57 -3.06 23.89	28.10 -2.24 21.96
STEPHTWN_115KV_BK_2 55603	37.95 0.99 0.00	26.98 0.90 0.00	22.62 0.80 0.00	23.96 0.80 0.00	26.17 0.87 0.00	30.86 1.04 0.00	36.70 1.15 0.00	41.62 1.42 0.00	41.75 1.29 0.00	45.33 1.23 0.00	47.72 1.33 0.00	47.01 1.31 0.00	43.83 1.39 0.00	51.11 1.58 0.00	54.79 1.82 0.00	51.21 1.61 0.00	51.27 1.47 0.00	56.11 1.68 0.00	74.58 2.93 0.00	134.58 5.16 0.00	234.10 8.40 0.00	78.74 2.21 0.00	59.36 1.84 0.00	53.81 1.51 0.00
STEBEN_REC_LFGE 323667	35.57 -1.39 0.00	26.74 -1.49 -2.16	37.65 -1.44 -17.28	41.41 -1.60 -19.85	48.61 -1.77 -25.08	54.53 -1.98 -26.70	62.80 -1.73 -28.98	69.54 -1.66 -31.01	76.64 -1.96 -38.14	82.02 -2.02 -39.93	62.13 -2.42 -18.15	84.56 -2.00 -40.86	80.08 -1.46 -39.10	92.30 -1.65 -44.41	94.74 -2.28 -44.05	92.19 -2.13 -44.72	92.79 -2.34 -45.32	101.90 -2.55 -50.02	131.10 -2.46 -61.92	219.09 -2.36 -92.03	363.81 -3.49 -141.60	138.63 -2.11 -64.22	108.11 -2.05 -52.64	97.02 -2.29 -47.01
STILLWATER____SOLAR 323814	38.70 1.73 0.00	27.47 1.39 0.00	22.98 1.17 0.00	24.36 1.21 0.00	26.63 1.34 0.00	31.42 1.61 0.00	37.42 1.87 0.00	42.34 2.14 0.00	42.38 1.92 0.00	45.84 1.74 0.00	48.23 1.83 0.00	47.48 1.78 0.00	44.11 1.67 0.00	51.47 1.93 0.00	55.09 2.12 0.00	51.45 1.85 0.00	51.55 1.75 0.00	56.53 2.10 0.00	75.44 3.79 0.00	136.86 7.44 0.00	238.62 12.92 0.00	80.30 3.78 0.00	60.61 3.09 0.00	54.93 2.63 0.00

STONY___BROOK 24151	39.54 2.58 0.00	28.28 2.20 0.00	23.55 1.73 0.00	24.91 1.76 0.00	27.22 1.93 0.00	32.16 2.34 0.00	38.35 2.81 0.00	43.58 3.39 0.00	43.89 3.43 0.00	48.20 4.10 0.00	53.43 4.81 -2.22	54.10 4.35 -4.06	57.13 3.88 -10.82	63.18 4.66 -8.98	86.93 4.58 -29.38	98.83 4.36 -44.87	120.68 4.79 -66.10	86.82 5.37 -27.03	86.27 7.94 -6.69	141.75 12.33 0.00	242.89 17.19 0.00	81.66 5.13 0.00	61.33 3.81 0.00	56.01 3.71 0.00
STURGEON_POOL_HYD 23609	38.88 1.91 0.00	27.61 1.54 0.00	23.10 1.28 0.00	24.41 1.26 0.00	26.65 1.36 0.00	31.43 1.61 0.00	37.49 1.95 0.00	42.81 2.62 0.00	43.18 2.73 0.00	47.19 3.09 0.00	49.80 3.41 0.00	49.18 3.48 0.00	45.84 3.40 0.00	53.94 4.20 -0.21	61.14 4.53 -3.64	54.84 4.16 -1.08	61.81 4.27 -7.73	62.49 4.69 -3.37	80.51 6.73 -2.13	140.18 10.76 0.00	241.95 16.25 0.00	81.44 4.91 0.00	61.18 3.66 0.00	55.60 3.30 0.00
ST_LAW_115_BK7_LBMP 345037	36.30 -0.66 0.00	25.55 -0.53 0.00	21.33 -0.49 0.00	22.62 -0.53 0.00	24.68 -0.61 0.00	29.11 -0.70 0.00	34.75 -0.79 0.00	39.01 -1.19 0.00	39.58 -0.88 0.00	43.10 -1.01 0.00	45.29 -1.11 0.00	44.53 -1.17 0.00	41.17 -1.07 0.20	47.42 -1.47 0.65	46.32 -1.61 5.05	45.74 -1.33 2.53	48.55 -1.25 0.00	52.91 -1.52 0.00	67.82 -2.73 1.09	124.66 -4.76 0.00	218.91 -6.79 0.00	74.61 -1.92 0.00	56.04 -1.48 0.00	50.90 -1.40 0.00
ST_LAW_115_BK8_LBMP 345038	36.30 -0.66 0.00	25.55 -0.53 0.00	21.33 -0.49 0.00	22.62 -0.53 0.00	24.68 -0.61 0.00	29.11 -0.70 0.00	34.75 -0.79 0.00	39.01 -1.19 0.00	39.58 -0.88 0.00	43.10 -1.01 0.00	45.29 -1.11 0.00	44.53 -1.17 0.00	41.17 -1.07 0.20	47.42 -1.47 0.65	46.32 -1.61 5.05	45.74 -1.33 2.53	48.55 -1.25 0.00	52.91 -1.52 0.00	67.82 -2.73 1.09	124.66 -4.76 0.00	218.91 -6.79 0.00	74.61 -1.92 0.00	56.04 -1.48 0.00	50.90 -1.40 0.00
ST_LAW_230_BK5_LBMP 345035	36.34 -0.62 0.00	25.58 -0.50 0.00	21.36 -0.46 0.00	22.65 -0.50 0.00	24.72 -0.57 0.00	29.16 -0.66 0.00	34.80 -0.74 0.00	39.07 -1.13 0.00	39.65 -0.80 0.00	43.17 -0.92 0.00	45.38 -1.01 0.00	44.63 -1.07 0.00	41.29 -0.99 0.16	47.68 -1.35 0.52	47.50 -1.48 3.99	46.40 -1.20 2.00	48.68 -1.12 0.00	53.04 -1.39 0.00	67.99 -2.52 1.14	125.02 -4.40 0.00	219.45 -6.25 0.00	74.75 -1.77 0.00	56.16 -1.36 0.00	51.00 -1.30 0.00
ST_LAW_230_BK6_LBMP 345036	36.34 -0.62 0.00	25.58 -0.50 0.00	21.36 -0.46 0.00	22.65 -0.50 0.00	24.72 -0.57 0.00	29.16 -0.66 0.00	34.80 -0.74 0.00	39.07 -1.13 0.00	39.65 -0.80 0.00	43.17 -0.92 0.00	45.38 -1.01 0.00	44.63 -1.07 0.00	41.29 -0.99 0.16	47.68 -1.35 0.52	47.50 -1.48 3.99	46.40 -1.20 2.00	48.68 -1.12 0.00	53.04 -1.39 0.00	67.99 -2.52 1.14	125.02 -4.40 0.00	219.45 -6.25 0.00	74.75 -1.77 0.00	56.16 -1.36 0.00	51.00 -1.30 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.85 1.88 0.00	27.58 1.50 0.00	23.06 1.25 0.00	24.36 1.21 0.00	26.58 1.29 0.00	31.34 1.53 0.00	37.43 1.88 0.00	42.77 2.57 0.00	43.11 2.65 0.00	47.16 3.06 0.00	49.57 3.36 0.20	48.88 3.45 0.27	45.12 3.40 0.72	55.67 4.23 -1.91	99.90 4.62 -42.31	63.98 4.24 -10.14	143.78 4.36 -89.63	98.34 4.78 -39.13	104.05 6.91 -25.50	140.48 11.06 0.00	242.39 16.69 0.00	81.55 5.02 0.00	61.12 3.60 0.00	55.54 3.24 0.00
SWANROAD_115KV_TB1 355699	33.40 -3.56 0.00	22.53 -2.67 0.88	12.59 -2.15 7.07	12.69 -2.33 8.14	12.37 -2.65 10.27	15.78 -3.18 10.86	20.28 -3.29 11.97	23.61 -3.72 12.87	23.06 -3.86 13.54	26.32 -3.47 14.31	36.07 -3.77 6.55	27.91 -3.01 14.79	25.55 -2.73 14.17	30.67 -3.40 15.47	33.28 -4.43 15.27	29.89 -4.18 15.53	29.19 -4.68 15.94	31.75 -5.59 17.09	44.52 -6.56 20.57	86.99 -10.77 31.66	157.24 -19.27 49.19	47.96 -6.62 21.95	34.97 -4.56 17.99	32.65 -3.12 16.52
SYNERGY___BIOGAS 323694	35.39 -1.57 0.00	24.22 -1.29 0.57	16.12 -1.09 4.60	16.64 -1.21 5.30	17.19 -1.41 6.69	21.11 -1.62 7.09	26.30 -1.41 7.83	30.03 -1.62 8.55	29.40 -2.08 8.98	32.84 -1.81 9.46	40.09 -1.99 4.32	34.57 -1.39 9.74	32.05 -1.12 9.27	37.98 -1.38 10.17	40.78 -2.13 10.05	37.41 -1.90 10.28	37.12 -2.18 10.50	41.05 -2.39 10.99	56.91 -1.79 12.94	107.74 -0.99 20.68	191.76 -1.55 32.39	61.27 -0.79 14.46	44.83 -0.77 11.92	41.18 -0.17 10.95
SYRACUSE___ENERGY_ST1 323597	36.77 -0.20 0.00	25.94 -0.13 0.00	21.67 -0.15 0.00	22.97 -0.18 0.00	25.10 -0.19 0.00	29.62 -0.20 0.00	35.41 -0.14 0.00	39.99 -0.20 0.00	40.09 -0.36 0.00	43.75 -0.35 0.00	46.02 -0.38 0.00	45.39 -0.31 0.00	42.50 -0.31 -0.36	52.86 -0.26 -3.59	56.98 -0.30 -4.30	53.01 -0.26 -3.67	53.44 -0.10 -3.74	59.06 0.07 -4.55	79.97 0.64 -7.68	141.77 1.72 -10.64	242.83 2.33 -14.80	86.49 0.43 -9.53	62.53 0.04 -4.97	52.49 -0.01 -0.20
SYRACUSE___ENERGY_ST2 323598	36.77 -0.20 0.00	25.94 -0.13 0.00	21.67 -0.15 0.00	22.97 -0.18 0.00	25.10 -0.19 0.00	29.62 -0.20 0.00	35.41 -0.14 0.00	39.99 -0.20 0.00	40.09 -0.36 0.00	43.75 -0.35 0.00	46.02 -0.38 0.00	45.39 -0.31 0.00	42.50 -0.31 -0.36	52.86 -0.26 -3.59	56.98 -0.30 -4.30	53.01 -0.26 -3.67	53.44 -0.10 -3.74	59.06 0.07 -4.55	79.97 0.64 -7.68	141.77 1.72 -10.64	242.83 2.33 -14.80	86.49 0.43 -9.53	62.53 0.04 -4.97	52.49 -0.01 -0.20
SYRACUSE___POWER 24017	36.77 -0.20 0.00	25.94 -0.14 0.00	21.66 -0.15 0.00	22.97 -0.18 0.00	25.09 -0.20 0.00	29.60 -0.21 0.00	35.39 -0.15 0.00	40.01 -0.19 0.00	40.12 -0.33 0.00	43.80 -0.31 0.00	46.07 -0.32 0.00	45.45 -0.24 0.00	42.45 -0.23 -0.24	51.71 -0.17 -2.35	55.57 -0.21 -2.81	51.83 -0.17 -2.40	52.23 -0.02 -2.45	57.53 0.12 -2.98	77.45 0.78 -5.03	138.35 1.98 -6.96	238.12 2.73 -9.69	83.29 0.53 -6.24	60.87 0.10 -3.25	52.46 0.03 -0.13
TALLMAN__138KV_BK151 55660	39.05 2.08 0.00	27.72 1.64 0.00	23.17 1.36 0.00	24.48 1.33 0.00	26.71 1.41 0.00	31.48 1.66 0.00	37.62 2.08 0.00	43.03 2.84 0.00	43.39 2.94 0.00	47.53 3.43 0.00	49.91 3.80 0.29	49.17 3.91 0.44	45.07 3.80 1.18	54.88 4.74 -0.61	83.02 5.17 -24.88	57.74 4.71 -3.43	106.97 4.82 -52.35	82.62 5.23 -22.96	94.85 7.48 -15.72	141.34 11.92 0.00	243.56 17.85 0.00	81.96 5.44 0.00	61.39 3.87 0.00	55.80 3.50 0.00
TEALLAVE_115KV_TB7 355573	36.57 -0.40 0.00	25.81 -0.28 0.00	21.56 -0.26 0.00	22.85 -0.30 0.00	24.96 -0.33 0.00	29.45 -0.37 0.00	35.21 -0.34 0.00	39.79 -0.40 0.00	39.93 -0.53 0.00	43.60 -0.51 0.00	45.87 -0.52 0.00	45.25 -0.45 0.00	42.20 -0.43 -0.20	51.03 -0.44 -1.93	54.79 -0.50 -2.31	51.14 -0.43 -1.98	51.51 -0.31 -2.01	56.68 -0.20 -2.45	76.09 0.31 -4.13	136.18 1.04 -5.72	234.82 1.15 -7.96	81.65 0.00 -5.13	59.90 -0.29 -2.67	52.12 -0.29 -0.11
TELGRAPH_34_KV_EAST 80808	34.49 -2.48 0.00	23.43 -1.93 0.72	14.41 -1.59 5.82	14.72 -1.74 6.69	14.83 -2.00 8.45	18.49 -2.37 8.96	23.35 -2.31 9.88	26.89 -2.61 10.70	26.41 -2.82 11.22	29.83 -2.44 11.83	38.34 -2.65 5.40	31.53 -1.99 12.19	29.04 -1.76 11.64	34.55 -2.21 12.78	37.34 -3.03 12.61	33.93 -2.81 12.86	33.50 -3.17 13.13	37.02 -3.70 13.71	51.69 -3.84 16.12	98.10 -5.47 25.85	175.29 -9.88 40.53	54.88 -3.56 18.09	40.00 -2.61 14.91	37.01 -1.59 13.70

TEMPLE___115KV_TB 2 55572	36.58 -0.38 0.00	25.82 -0.26 0.00	21.57 -0.25 0.00	22.87 -0.28 0.00	24.97 -0.32 0.00	29.46 -0.36 0.00	35.21 -0.33 0.00	39.82 -0.38 0.00	39.96 -0.50 0.00	43.64 -0.46 0.00	45.92 -0.48 0.00	45.29 -0.41 0.00	42.24 -0.39 -0.19	51.08 -0.38 -1.92	54.84 -0.44 -2.31	51.19 -0.37 -1.97	51.55 -0.25 -2.01	56.72 -0.16 -2.45	76.13 0.36 -4.12	136.29 1.17 -5.71	234.92 1.27 -7.94	81.66 0.02 -5.11	59.94 -0.25 -2.67	52.15 -0.26 -0.11
TIANA___69_KV_BK 1 55817	39.25 2.29 0.00	28.24 2.16 0.00	23.49 1.67 0.00	24.99 1.84 0.00	27.34 2.05 0.00	32.30 2.49 0.00	38.57 3.02 0.00	43.61 3.42 0.00	43.83 3.37 0.00	48.18 4.08 0.00	53.41 4.79 -2.22	53.95 4.20 -4.06	56.96 3.70 -10.82	63.21 4.69 -8.98	87.19 4.84 -29.38	98.93 4.46 -44.87	120.50 4.65 -66.05	86.66 5.23 -26.99	86.33 8.00 -6.69	141.74 12.32 0.00	242.10 16.40 0.00	81.61 5.09 0.00	61.08 3.56 0.00	55.71 3.41 0.00
TILDEN___115KV_TB1 80814	36.77 -0.20 0.00	25.94 -0.14 0.00	21.66 -0.15 0.00	22.97 -0.18 0.00	25.09 -0.20 0.00	29.60 -0.21 0.00	35.39 -0.15 0.00	40.01 -0.19 0.00	40.12 -0.33 0.00	43.80 -0.31 0.00	46.07 -0.32 0.00	45.45 -0.24 0.00	42.45 -0.23 -0.24	51.71 -0.17 -2.35	55.57 -0.21 -2.81	51.83 -0.17 -2.40	52.23 -0.02 -2.45	57.53 0.12 -2.98	77.45 0.78 -5.03	138.35 1.98 -6.96	238.12 2.73 -9.69	83.29 0.53 -6.24	60.87 0.10 -3.25	52.46 0.03 -0.13
TRIGEN___CC 323695	39.34 2.38 0.00	28.01 1.93 0.00	23.38 1.57 0.00	24.69 1.54 0.00	26.97 1.68 0.00	31.81 1.99 0.00	37.93 2.38 0.00	43.29 3.09 0.00	43.69 3.24 0.00	47.94 3.84 0.00	53.05 4.44 -2.22	53.98 4.22 -4.06	57.21 3.95 -10.82	63.62 4.83 -9.24	87.51 5.16 -29.38	99.96 4.87 -45.50	125.34 5.09 -70.45	90.98 5.78 -30.77	86.50 8.15 -6.70	142.21 12.79 0.00	244.43 18.73 0.00	82.33 5.80 0.00	61.65 4.13 0.00	56.18 3.88 0.00
TRINITY___115KV___ 4 BK 55933	37.74 0.77 0.00	26.82 0.74 0.00	22.49 0.67 0.00	23.83 0.67 0.00	26.02 0.72 0.00	30.67 0.85 0.00	36.45 0.90 0.00	41.33 1.14 0.00	41.50 1.04 0.00	45.08 0.98 0.00	47.49 1.09 0.00	46.80 1.10 0.00	43.62 1.18 0.00	50.86 1.32 0.00	54.49 1.52 0.00	50.88 1.28 0.00	50.88 1.08 0.00	55.62 1.19 0.00	73.85 2.20 0.00	133.21 3.80 0.00	231.71 6.01 0.00	77.99 1.47 0.00	58.86 1.34 0.00	53.41 1.11 0.00
UNION___PROCESSING_DRP 323587	35.85 -1.12 0.00	25.18 -0.90 0.00	20.99 -0.83 0.00	22.22 -0.93 0.00	24.22 -1.08 0.00	28.59 -1.24 -0.01	34.41 -1.13 0.00	38.91 -1.30 -0.01	38.99 -1.49 -0.02	42.94 -1.17 -0.01	45.26 -1.14 0.00	44.96 -0.74 0.00	41.84 -0.60 0.00	48.85 -0.70 -0.02	51.92 -1.07 -0.02	48.68 -0.94 -0.02	48.88 -0.92 0.00	53.45 -0.97 0.00	71.24 -0.40 0.01	129.59 0.17 0.00	224.84 -0.87 0.00	75.85 -0.67 0.00	56.72 -0.82 -0.02	51.84 -0.49 -0.02
UPPER HUDSON___HYD 24058	39.03 2.06 0.00	27.76 1.68 0.00	23.22 1.40 0.00	24.59 1.44 0.00	26.89 1.60 0.00	31.77 1.95 0.00	37.82 2.28 0.00	42.79 2.60 0.00	42.85 2.39 0.00	46.21 2.11 0.00	48.55 2.15 0.00	47.78 2.08 0.00	44.23 1.79 0.00	51.42 1.88 0.00	54.79 1.82 0.00	51.05 1.46 0.00	51.06 1.26 0.00	56.10 1.67 0.00	75.12 3.47 0.00	136.67 7.25 0.00	238.57 12.87 0.00	80.35 3.83 0.00	60.76 3.24 0.00	55.02 2.72 0.00
UPPER RAQUET___HYD 24056	35.88 -1.09 0.00	25.22 -0.86 0.00	21.03 -0.78 0.00	22.29 -0.87 0.00	24.30 -0.99 0.00	28.67 -1.15 0.00	33.92 -1.63 0.00	37.55 -2.65 0.00	37.93 -2.52 0.00	41.09 -3.01 0.00	42.91 -3.48 0.00	42.00 -3.70 0.00	38.31 -3.33 0.79	42.74 -4.18 2.61	28.43 -4.40 20.14	35.66 -3.85 10.09	46.16 -3.64 0.00	50.49 -3.94 0.00	65.55 -5.62 0.48	120.73 -8.69 0.00	213.67 -12.03 0.00	72.79 -3.74 0.00	54.33 -3.19 0.00	49.55 -2.75 0.00
VALLEY44___115KV_TB2 355964	34.72 -2.25 0.00	23.66 -1.88 0.53	16.01 -1.52 4.28	16.58 -1.64 4.92	17.18 -1.89 6.22	21.12 -2.25 6.45	28.13 -2.22 5.19	31.46 -2.33 6.41	24.98 -1.98 13.51	28.43 -1.51 14.16	38.10 -1.85 6.44	29.83 -1.34 14.53	27.41 -1.02 14.01	32.94 -1.08 15.52	36.33 -1.38 15.25	32.68 -1.48 15.43	32.56 -1.59 15.65	35.86 -2.02 16.55	50.14 -1.81 19.69	95.45 -3.01 30.95	170.74 -6.59 48.38	52.16 -2.75 21.61	37.03 -2.50 17.99	33.92 -1.85 16.54
VALLEY___115KV_TB 1-4 80826	38.38 1.42 0.00	27.25 1.17 0.00	22.69 0.87 0.00	23.84 0.69 0.00	26.06 0.77 0.00	30.62 0.81 0.00	36.51 0.97 0.00	41.46 1.26 0.00	41.55 1.09 0.00	44.90 0.80 0.00	47.04 0.65 0.00	46.35 0.65 0.00	43.30 0.72 -0.14	50.77 0.78 -0.45	57.42 0.98 -3.47	52.25 0.92 -1.74	50.69 0.89 0.00	55.80 1.37 0.00	75.02 3.37 0.00	136.99 7.57 0.00	238.47 12.76 0.00	79.65 3.13 0.00	59.89 2.37 0.00	54.15 1.85 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.22 1.26 0.00	27.01 0.93 0.00	22.57 0.75 0.00	23.94 0.79 0.00	26.24 0.95 0.00	30.91 1.09 0.00	36.82 1.27 0.00	41.76 1.56 0.00	42.04 1.58 0.00	45.96 1.86 0.00	48.27 1.87 0.00	47.63 1.93 0.00	44.40 1.89 -0.07	52.54 2.34 -0.67	56.34 2.57 -0.80	52.61 2.33 -0.68	52.93 2.44 -0.69	58.01 2.74 -0.85	77.35 4.29 -1.42	138.70 7.30 -1.97	239.16 10.71 -2.75	81.55 3.25 -1.77	60.87 2.43 -0.92	54.43 2.10 -0.04
VISCHER___FERRY HYD 24020	38.19 1.23 0.00	27.14 1.05 0.00	22.72 0.91 0.00	24.08 0.93 0.00	26.31 1.02 0.00	31.03 1.21 0.00	36.91 1.36 0.00	41.82 1.62 0.00	41.93 1.48 0.00	45.48 1.38 0.00	47.93 1.53 0.00	47.19 1.49 0.00	43.87 1.43 0.00	51.19 1.65 0.00	54.83 1.87 0.00	51.15 1.56 0.00	51.15 1.35 0.00	55.98 1.55 0.00	74.49 2.85 0.00	134.83 5.41 0.00	235.06 9.36 0.00	78.99 2.47 0.00	59.73 2.21 0.00	54.14 1.84 0.00
V_A_10_SYNC_DSASP 323832	34.42 -2.55 0.00	23.49 -1.96 0.62	15.08 -1.71 5.03	15.51 -1.86 5.78	15.83 -2.15 7.31	19.46 -2.56 7.80	24.40 -2.60 8.54	27.83 -2.91 9.45	27.39 -3.08 9.99	30.96 -2.72 10.43	38.82 -2.85 4.72	32.75 -2.31 10.64	30.20 -2.08 10.17	35.70 -2.51 11.33	38.59 -3.21 11.17	35.16 -3.04 11.39	35.01 -3.27 11.52	37.41 -3.81 13.20	50.62 -4.16 16.86	99.28 -6.75 23.38	177.71 -12.57 35.42	56.23 -4.46 15.83	40.77 -3.48 13.27	37.60 -2.50 12.20
V_CMM_10_SYNC_DSASP 323787	36.46 -0.51 0.00	25.66 -0.42 0.00	21.42 -0.39 0.00	22.71 -0.44 0.00	24.79 -0.50 0.00	29.24 -0.58 0.00	34.90 -0.64 0.00	39.17 -1.02 0.00	39.74 -0.71 0.00	43.27 -0.83 0.00	45.46 -0.94 0.00	44.69 -1.01 0.00	41.29 -0.95 0.20	47.55 -1.34 0.65	46.42 -1.51 5.05	45.91 -1.16 2.53	48.68 -1.12 0.00	53.07 -1.36 0.00	68.01 -2.55 1.09	125.04 -4.37 0.00	219.73 -5.97 0.00	74.81 -1.71 0.00	56.18 -1.33 0.00	51.06 -1.24 0.00
V_CMP_10_SYNC_DSASP 323788	36.87 -0.10 0.00	25.92 -0.15 0.00	21.62 -0.20 0.00	22.89 -0.26 0.00	24.99 -0.30 0.00	29.56 -0.26 0.00	35.28 -0.27 0.00	39.22 -0.98 0.00	40.22 -0.24 0.00	43.75 -0.35 0.00	45.93 -0.47 0.00	45.03 -0.67 0.00	41.66 -0.61 0.17	48.06 -0.90 0.58	47.55 -0.99 4.44	46.68 -0.69 2.23	49.30 -0.50 0.00	53.83 -0.60 0.00	70.60 -1.68 -0.62	126.80 -2.62 0.00	222.45 -3.25 0.00	75.56 -0.97 0.00	56.96 -0.56 0.00	51.47 -0.83 0.00

V_D_10_SYNC_DSASP 323841	36.54 -0.43 0.00	25.71 -0.36 0.00	21.46 -0.35 0.00	22.76 -0.39 0.00	24.83 -0.46 0.00	29.29 -0.53 0.00	34.99 -0.55 0.00	39.22 -0.98 0.00	39.75 -0.70 0.00	43.26 -0.84 0.00	45.40 -1.00 0.00	44.63 -1.07 0.00	41.22 -0.95 0.26	47.27 -1.40 0.87	44.72 -1.56 6.68	45.01 -1.24 3.35	48.64 -1.17 0.00	53.05 -1.39 0.00	68.08 -2.54 1.03	125.29 -4.12 0.00	220.29 -5.41 0.00	75.02 -1.51 0.00	56.30 -1.22 0.00	51.16 -1.14 0.00
V_E_10_SYNC_DSASP 323830	39.24 2.28 0.00	27.59 1.36 -0.15	24.02 1.01 -1.20	25.47 0.95 -1.38	28.00 0.97 -1.74	32.80 1.13 -1.85	39.13 1.56 -2.03	44.04 1.68 -2.17	44.07 1.22 -2.39	47.80 1.20 -2.51	48.43 0.89 -1.14	48.89 0.64 -2.55	45.73 0.90 -2.39	54.83 1.42 -3.87	58.83 1.69 -4.16	55.56 1.83 -4.13	55.85 1.85 -4.20	61.59 2.32 -4.85	83.13 4.69 -6.79	150.49 11.40 -9.67	259.26 19.28 -14.28	88.71 4.69 -7.50	65.50 2.87 -5.12	57.46 2.12 -3.04
V_F_30_NSYNC___DSASP 323816	38.72 1.75 0.00	27.48 1.40 0.00	22.99 1.17 0.00	24.36 1.21 0.00	26.64 1.35 0.00	31.43 1.61 0.00	37.42 1.88 0.00	42.35 2.15 0.00	42.42 1.96 0.00	45.91 1.81 0.00	48.30 1.91 0.00	47.57 1.88 0.00	44.20 1.76 0.00	51.58 2.04 0.00	55.20 2.22 0.00	51.56 1.96 0.00	51.68 1.88 0.00	56.66 2.23 0.00	75.58 3.93 0.00	137.02 7.60 0.00	238.85 13.14 0.00	80.41 3.89 0.00	60.66 3.14 0.00	54.99 2.69 0.00
V_F_30_SYNC_DSASP 323786	37.87 0.90 0.00	26.91 0.84 0.00	22.57 0.75 0.00	23.90 0.75 0.00	26.10 0.80 0.00	30.77 0.95 0.00	36.57 1.03 0.00	41.47 1.28 0.00	41.64 1.18 0.00	45.23 1.13 0.00	47.67 1.28 0.00	46.98 1.28 0.00	43.81 1.38 0.00	51.10 1.57 0.00	54.77 1.80 0.00	51.17 1.58 0.00	51.23 1.43 0.00	56.03 1.60 0.00	74.39 2.74 0.00	134.13 4.71 0.00	233.28 7.58 0.00	78.50 1.97 0.00	59.19 1.67 0.00	53.69 1.39 0.00
V_XM_10_SYNC_DSASP 323789	36.87 -0.10 0.00	25.92 -0.15 0.00	21.62 -0.20 0.00	22.89 -0.26 0.00	24.99 -0.30 0.00	29.56 -0.26 0.00	35.28 -0.27 0.00	39.22 -0.98 0.00	40.22 -0.24 0.00	43.75 -0.35 0.00	45.93 -0.47 0.00	45.03 -0.67 0.00	41.66 -0.61 0.17	48.06 -0.90 0.58	47.55 -0.99 4.44	46.68 -0.69 2.23	49.30 -0.50 0.00	53.83 -0.60 0.00	70.60 -1.68 -0.62	126.80 -2.62 0.00	222.45 -3.25 0.00	75.56 -0.97 0.00	56.96 -0.56 0.00	51.47 -0.83 0.00
W.BABYLN_69_KV_BK1 56697	39.91 2.94 0.00	28.45 2.37 0.00	23.71 1.90 0.00	25.05 1.90 0.00	27.37 2.08 0.00	32.31 2.49 0.00	38.55 3.01 0.00	43.92 3.72 0.00	44.26 3.80 0.00	48.58 4.48 0.00	53.84 5.22 -2.22	54.63 4.88 -4.06	57.65 5.31 -10.82	63.91 5.51 -9.07	87.86 5.51 -29.38	99.94 5.27 -45.07	122.83 5.60 -67.43	88.85 6.46 -27.96	87.58 9.25 -6.69	144.15 14.73 0.00	247.44 21.74 0.00	83.27 6.74 0.00	62.39 4.87 0.00	56.87 4.58 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.19 2.23 0.00	27.83 1.75 0.00	23.26 1.45 0.00	24.57 1.42 0.00	26.80 1.51 0.00	31.60 1.79 0.00	37.76 2.22 0.00	43.20 3.00 0.00	43.57 3.11 0.00	47.72 3.62 0.00	50.06 3.99 0.33	49.27 4.12 0.54	44.98 4.00 1.45	54.55 4.97 -0.04	76.56 5.41 -18.18	55.05 4.94 -0.51	92.85 5.06 -37.99	76.66 5.49 -16.74	91.54 7.82 -12.07	141.93 12.52 0.00	244.65 18.94 0.00	82.31 5.78 0.00	61.62 4.10 0.00	55.99 3.70 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.35 2.39 0.00	28.05 1.97 0.00	23.43 1.62 0.00	24.70 1.54 0.00	26.98 1.69 0.00	31.80 1.98 0.00	37.94 2.39 0.00	43.45 3.26 0.00	43.93 3.48 0.00	48.17 4.07 0.00	53.42 4.47 -2.55	55.08 4.57 -4.81	59.70 4.43 -12.83	65.61 5.43 -10.63	91.66 5.93 -32.76	107.83 5.41 -52.83	130.82 5.47 -75.55	91.63 5.97 -31.23	86.73 8.37 -6.72	142.59 13.17 0.00	245.29 19.59 0.00	82.67 6.15 0.00	61.96 4.44 0.00	56.28 3.98 0.00
W50THST__13_KV_LOAD 356117	39.54 2.58 0.00	28.18 2.10 0.00	23.54 1.72 0.00	24.81 1.66 0.00	27.11 1.82 0.00	31.95 2.13 0.00	38.14 2.60 0.00	43.74 3.54 0.00	44.25 3.79 0.00	48.55 4.45 0.00	53.83 4.88 -2.55	55.51 5.00 -4.81	60.10 4.83 -12.83	66.04 5.87 -10.63	92.10 6.37 -32.76	108.23 5.81 -52.83	131.21 5.86 -75.55	92.07 6.41 -31.23	87.31 8.94 -6.72	143.47 14.05 0.00	246.72 21.01 0.00	83.13 6.60 0.00	62.25 4.73 0.00	56.58 4.29 0.00
WADING RIVER_IC_1 23522	39.03 2.06 0.00	28.10 2.02 0.00	23.38 1.56 0.00	24.80 1.65 0.00	27.12 1.82 0.00	32.04 2.22 0.00	38.23 2.68 0.00	43.23 3.03 0.00	43.43 2.98 0.00	47.70 3.60 0.00	52.86 4.25 -2.22	53.34 3.58 -4.06	56.39 3.13 -10.82	62.53 4.01 -8.98	86.56 4.21 -29.38	98.41 3.95 -44.87	120.07 4.22 -66.05	86.11 4.69 -26.99	85.70 7.37 -6.68	140.70 11.28 0.00	240.72 15.02 0.00	81.03 4.51 0.00	60.68 3.16 0.00	55.39 3.09 0.00
WADING RIVER_IC_2 23547	39.03 2.06 0.00	28.10 2.02 0.00	23.38 1.56 0.00	24.80 1.65 0.00	27.12 1.82 0.00	32.04 2.22 0.00	38.23 2.68 0.00	43.23 3.03 0.00	43.43 2.98 0.00	47.70 3.60 0.00	52.86 4.25 -2.22	53.34 3.58 -4.06	56.39 3.13 -10.82	62.53 4.01 -8.98	86.56 4.21 -29.38	98.41 3.95 -44.87	120.07 4.22 -66.05	86.11 4.69 -26.99	85.70 7.37 -6.68	140.70 11.28 0.00	240.72 15.02 0.00	81.03 4.51 0.00	60.68 3.16 0.00	55.39 3.09 0.00
WADING RIVER_IC_3 23601	39.03 2.06 0.00	28.10 2.02 0.00	23.38 1.56 0.00	24.80 1.65 0.00	27.12 1.82 0.00	32.04 2.22 0.00	38.23 2.68 0.00	43.23 3.03 0.00	43.43 2.98 0.00	47.70 3.60 0.00	52.86 4.25 -2.22	53.34 3.58 -4.06	56.39 3.13 -10.82	62.53 4.01 -8.98	86.56 4.21 -29.38	98.41 3.95 -44.87	120.07 4.22 -66.05	86.11 4.69 -26.99	85.70 7.37 -6.68	140.70 11.28 0.00	240.72 15.02 0.00	81.03 4.51 0.00	60.68 3.16 0.00	55.39 3.09 0.00
WALDENNY_12_KV_BK2 80841	34.39 -2.57 0.00	22.91 -2.07 1.10	11.19 -1.76 8.87	11.02 -1.92 10.21	10.16 -2.23 12.90	13.45 -2.65 13.72	17.75 -2.66 15.14	21.00 -2.88 16.31	20.12 -2.84 17.50	23.40 -2.34 18.36	35.51 -2.53 8.36	25.02 -1.83 18.85	22.73 -1.61 18.11	27.60 -1.92 20.02	30.59 -2.68 19.70	27.12 -2.47 20.00	26.71 -2.78 20.31	29.67 -3.36 21.41	42.73 -3.55 25.38	83.79 -5.52 40.10	152.58 -10.44 62.68	44.63 -3.90 28.00	31.20 -3.06 23.26	28.82 -2.11 21.37
WALDEN___HYDRO 24148	39.01 2.05 0.00	27.69 1.61 0.00	23.16 1.35 0.00	24.47 1.32 0.00	26.71 1.41 0.00	31.50 1.68 0.00	37.60 2.06 0.00	43.02 2.82 0.00	43.34 2.88 0.00	47.38 3.28 0.00	50.00 3.60 0.00	49.38 3.68 0.00	46.05 3.61 0.00	54.77 4.50 -0.74	70.87 4.92 -12.98	57.99 4.54 -3.85	82.12 4.72 -27.59	71.70 5.25 -12.02	86.88 7.62 -7.61	141.86 12.45 0.00	244.78 19.07 0.00	82.34 5.81 0.00	61.68 4.17 0.00	55.99 3.69 0.00
WARRENSBURG____ 23737	39.03 2.06 0.00	27.76 1.68 0.00	23.22 1.40 0.00	24.59 1.44 0.00	26.89 1.60 0.00	31.77 1.95 0.00	37.82 2.27 0.00	42.79 2.60 0.00	42.85 2.39 0.00	46.22 2.12 0.00	48.55 2.16 0.00	47.78 2.08 0.00	44.23 1.79 0.00	51.42 1.89 0.00	54.81 1.84 0.00	51.06 1.46 0.00	51.07 1.27 0.00	56.10 1.67 0.00	75.12 3.47 0.00	136.68 7.27 0.00	238.55 12.85 0.00	80.36 3.83 0.00	60.77 3.25 0.00	55.02 2.72 0.00

WATERSIDE___6 8 9 23538	39.31 2.35 0.00	28.05 1.97 0.00	23.42 1.61 0.00	24.70 1.55 0.00	26.98 1.69 0.00	31.76 1.94 0.00	37.87 2.33 0.00	43.40 3.20 0.00	43.87 3.41 0.00	48.08 3.98 0.00	53.23 4.40 -2.43	54.74 4.52 -4.52	58.83 4.34 -12.05	64.80 5.24 -10.03	90.15 5.66 -31.52	104.75 5.15 -50.00	127.60 5.23 -72.58	90.18 5.67 -30.08	86.24 7.89 -6.70	141.63 12.21 0.00	243.76 18.06 0.00	82.29 5.76 0.00	61.71 4.19 0.00	56.13 3.83 0.00
WATKINRD_115KV_LN8_ILLION 55919	39.02 2.05 0.00	27.80 1.72 0.00	23.17 1.35 0.00	24.33 1.18 0.00	26.62 1.33 0.00	31.27 1.46 0.00	37.21 1.67 0.00	42.20 2.00 0.00	42.06 1.60 0.00	45.13 1.03 0.00	47.17 0.78 0.00	46.47 0.77 0.00	43.51 0.93 -0.14	51.13 1.14 -0.45	57.91 1.46 -3.47	52.60 1.27 -1.74	50.93 1.13 0.00	56.26 1.83 0.00	76.53 4.88 0.00	140.55 11.13 0.00	244.94 19.24 0.00	81.36 4.84 0.00	61.35 3.83 0.00	55.33 3.03 0.00
WDELAWARE___HYD 323627	38.94 1.97 0.00	27.60 1.53 0.00	23.08 1.26 0.00	24.39 1.23 0.00	26.61 1.32 0.00	31.41 1.59 0.00	37.52 1.98 0.00	42.85 2.65 0.00	43.12 2.66 0.00	47.08 2.98 0.00	49.65 3.25 0.00	48.99 3.29 0.00	45.71 3.27 0.00	53.71 4.17 0.00	56.18 3.21 0.00	52.45 2.85 0.00	52.94 3.14 0.00	58.09 3.66 0.00	77.22 5.58 0.00	138.32 8.91 0.00	238.70 13.00 0.00	80.48 3.95 0.00	61.61 4.09 0.00	55.87 3.57 0.00
WEST BABYLON___IC 23714	39.91 2.94 0.00	28.45 2.37 0.00	23.71 1.90 0.00	25.05 1.90 0.00	27.37 2.08 0.00	32.31 2.49 0.00	38.55 3.01 0.00	43.92 3.72 0.00	44.26 3.80 0.00	48.58 4.48 0.00	53.84 5.22 -2.22	54.63 4.88 -4.06	57.65 4.39 -10.82	63.91 5.31 -9.07	87.86 5.51 -29.38	99.94 5.27 -45.07	122.83 5.60 -67.43	88.85 6.46 -27.96	87.58 9.25 -6.69	144.15 14.73 0.00	247.44 21.74 0.00	83.27 6.74 0.00	62.39 4.87 0.00	56.87 4.58 0.00
WEST CANADA___HYD 24049	37.15 0.19 0.00	26.26 0.18 0.00	21.96 0.15 0.00	23.29 0.13 0.00	25.44 0.15 0.00	29.98 0.16 0.00	35.71 0.17 0.00	40.44 0.24 0.00	40.64 0.18 0.00	44.28 0.18 0.00	46.58 0.19 0.00	45.88 0.18 0.00	42.77 0.19 -0.14	50.23 0.24 -0.45	56.71 0.27 -3.47	51.58 0.25 -1.74	49.99 0.20 0.00	54.67 0.24 0.00	72.22 0.57 0.00	130.52 1.10 0.00	227.31 1.61 0.00	76.91 0.38 0.00	57.83 0.31 0.00	52.58 0.29 0.00
WESTERN_NY_WIND 24143	35.32 -1.64 0.00	24.12 -1.34 0.62	15.70 -1.13 4.98	16.16 -1.26 5.74	16.59 -1.46 7.25	20.47 -1.68 7.68	25.59 -1.48 8.47	29.28 -1.69 9.22	28.63 -2.14 9.68	32.02 -1.88 10.20	39.66 -2.08 4.66	33.72 -1.48 10.51	31.22 -1.21 10.01	37.06 -1.48 10.99	39.87 -2.24 10.86	36.49 -2.02 11.09	36.17 -2.31 11.33	40.05 -2.54 11.84	55.73 -1.97 13.94	105.79 -1.33 22.30	188.65 -2.11 34.95	59.93 -1.00 15.60	43.76 -0.91 12.86	40.21 -0.28 11.81
WESTOVER___LESR 323668	36.96 0.00 0.00	26.00 -0.08 0.00	21.73 -0.08 0.00	23.06 -0.10 0.00	25.18 -0.11 0.00	29.69 -0.13 0.00	35.56 0.01 0.00	40.43 0.23 0.00	40.56 0.11 0.00	44.34 0.24 0.00	46.54 0.14 0.00	46.05 0.35 0.00	43.06 0.48 -0.14	51.67 0.76 -1.38	55.38 0.76 -1.65	51.71 0.70 -1.41	51.97 0.73 -1.44	57.14 0.83 -1.87	76.75 1.90 -3.21	137.25 3.67 -4.16	236.31 4.94 -5.67	81.29 1.11 -3.65	59.95 0.52 -1.91	52.77 0.39 -0.08
WETHRSFD_WT_PWR 323626	34.54 -2.43 0.00	20.43 -2.14 3.51	-8.32 -1.82 28.32	-11.40 -1.95 32.60	-18.10 -2.19 41.20	-16.63 -2.61 43.84	-14.57 -2.58 47.54	-12.50 -2.69 50.01	-9.97 -2.80 47.63	-8.48 -2.72 49.86	20.60 -3.15 22.64	-8.01 -2.63 51.08	-8.83 -2.23 49.04	-7.12 -2.71 53.94	-3.38 -3.39 52.96	-7.26 -3.02 53.84	-7.91 -3.19 54.52	-7.38 -3.53 58.29	-1.98 -4.07 69.56	15.85 -5.89 107.68	48.02 -10.22 167.46	-1.88 -4.04 74.37	-8.29 -3.33 62.48	-8.81 -3.01 58.10
WHAVSTOR_138KV_BK127 55557	38.99 2.03 0.00	27.70 1.62 0.00	23.16 1.34 0.00	24.46 1.31 0.00	26.68 1.39 0.00	31.46 1.65 0.00	37.58 2.04 0.00	42.98 2.78 0.00	43.33 2.87 0.00	47.46 3.36 0.00	49.77 3.71 0.34	48.93 3.80 0.57	44.62 3.69 1.51	54.04 4.58 0.07	74.95 4.97 -17.01	54.05 4.50 0.04	89.86 4.59 -35.47	75.06 4.99 -15.64	90.25 7.16 -11.44	140.78 11.36 0.00	242.74 17.04 0.00	81.68 5.16 0.00	61.20 3.69 0.00	55.64 3.34 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	38.99 2.03 0.00	27.70 1.62 0.00	23.16 1.34 0.00	24.46 1.31 0.00	26.68 1.39 0.00	31.46 1.65 0.00	37.58 2.04 0.00	42.98 2.78 0.00	43.33 2.87 0.00	47.46 3.36 0.00	49.77 3.71 0.34	48.93 3.80 0.57	44.62 3.69 1.51	54.04 4.58 0.07	74.95 4.97 -17.01	54.05 4.50 0.04	89.86 4.59 -35.47	75.06 4.99 -15.64	90.25 7.16 -11.44	140.78 11.36 0.00	242.74 17.04 0.00	81.68 5.16 0.00	61.20 3.69 0.00	55.64 3.34 0.00
WHITEHAL_115KV_TB1 80871	39.68 2.71 0.00	28.49 2.41 0.00	23.84 2.02 0.00	25.20 2.05 0.00	27.55 2.26 0.00	32.69 2.87 0.00	39.60 4.06 0.00	44.79 4.59 0.00	44.65 4.19 0.00	47.58 3.48 0.00	49.44 3.04 0.00	48.36 2.65 0.00	44.41 1.97 0.00	51.57 2.03 0.00	55.27 2.30 0.00	51.77 2.18 0.00	51.42 1.62 0.00	56.51 2.08 0.00	76.00 4.35 0.00	139.04 9.62 0.00	244.18 18.48 0.00	82.02 5.50 0.00	62.86 5.34 0.00	56.91 4.61 0.00
WHITEPLN_13_KV_LOAD 356215	39.49 2.52 0.00	28.08 2.00 0.00	23.46 1.64 0.00	24.76 1.61 0.00	27.03 1.74 0.00	31.87 2.05 0.00	38.08 2.53 0.00	43.58 3.39 0.00	44.01 3.55 0.00	48.21 4.11 0.00	50.34 4.52 0.58	49.35 4.62 0.97	44.32 4.46 2.58	53.69 5.49 1.33	66.53 5.95 -7.60	48.67 5.49 6.42	70.40 5.61 -14.98	67.44 6.15 -6.86	87.28 8.66 -6.97	143.38 13.96 0.00	247.02 21.32 0.00	83.10 6.57 0.00	62.21 4.69 0.00	56.51 4.21 0.00
WM_FLOYD_69_KV_BK2 356380	39.44 2.48 0.00	28.29 2.22 0.00	23.55 1.73 0.00	24.96 1.81 0.00	27.28 1.99 0.00	32.23 2.42 0.00	38.46 2.91 0.00	43.62 3.42 0.00	43.87 3.42 0.00	48.16 4.06 0.00	53.32 4.71 -2.22	53.89 4.14 -4.06	56.88 3.62 -10.82	63.06 4.54 -8.98	87.04 4.70 -29.38	98.89 4.43 -44.87	120.66 4.79 -66.07	86.87 5.43 -27.01	86.48 8.15 -6.69	142.13 12.72 0.00	243.34 17.64 0.00	81.94 5.41 0.00	61.36 3.84 0.00	55.99 3.69 0.00
WOODARD__115KV_TB2 355635	36.52 -0.45 0.00	25.78 -0.30 0.00	21.53 -0.28 0.00	22.83 -0.32 0.00	24.94 -0.35 0.00	29.42 -0.39 0.00	35.15 -0.39 0.00	39.74 -0.46 0.00	39.87 -0.58 0.00	43.53 -0.57 0.00	45.80 -0.59 0.00	45.16 -0.54 0.00	42.17 -0.54 -0.26	51.56 -0.56 -2.58	55.45 -0.61 -3.10	51.69 -0.55 -2.64	52.06 -0.43 -2.69	57.38 -0.33 -3.28	77.28 0.11 -5.53	137.73 0.66 -7.66	236.85 0.48 -10.66	83.21 -0.18 -6.86	60.68 -0.42 -3.58	52.03 -0.41 -0.14
YORK___WARBASSE 23770	39.46 2.49 0.00	28.12 2.04 0.00	23.46 1.64 0.00	24.74 1.59 0.00	27.01 1.72 0.00	31.83 2.01 0.00	37.98 2.44 0.00	43.53 3.34 0.00	43.98 3.53 0.00	48.20 4.10 0.00	53.46 4.64 -2.43	55.13 4.80 -4.63	59.48 4.66 -12.38	65.32 5.55 -10.24	90.51 6.02 -31.52	105.19 5.50 -50.09	127.95 5.56 -72.58	90.75 6.01 -30.31	86.57 8.22 -6.71	142.22 12.80 0.00	244.83 19.13 0.00	82.80 6.28 0.00	62.06 4.54 0.00	56.43 4.13 0.00