

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

01/14/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	65.02	82.87	68.00	59.17	59.89	47.95	49.12	63.44	63.52	46.96	67.08	78.65	67.64	76.96	77.60	89.41	110.11	133.92	123.46	112.47	93.29	86.30	95.34	94.17
24138	3.85	4.65	3.94	3.33	3.38	2.84	3.44	5.23	5.29	3.76	6.00	7.43	6.42	7.18	7.44	8.41	10.81	12.12	11.42	9.47	8.85	7.39	8.73	8.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.18	0.00	0.00	-1.06	0.00	-1.79	0.00	-10.51	-3.13	-14.22	-1.96	-8.17	0.00	0.00
74TH STREET_GT_1	65.13	83.02	68.12	59.28	60.02	48.01	49.20	63.54	63.59	47.00	66.99	78.51	67.53	76.80	77.47	89.26	109.94	134.00	123.60	112.57	93.40	86.41	95.47	94.29
24260	3.95	4.79	4.07	3.44	3.51	2.90	3.52	5.33	5.35	3.80	5.94	7.29	6.32	7.03	7.31	8.26	10.64	12.20	11.57	9.57	8.96	7.50	8.86	8.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.16	0.00	0.00	-1.05	0.00	-1.79	0.00	-10.52	-3.13	-14.23	-1.96	-8.17	0.00	0.00
74TH STREET_GT_2	65.13	83.02	68.12	59.28	60.02	48.01	49.20	63.54	63.59	47.00	66.99	78.51	67.53	76.80	77.47	89.26	109.94	134.00	123.60	112.57	93.40	86.41	95.47	94.29
24261	3.95	4.79	4.07	3.44	3.51	2.90	3.52	5.33	5.35	3.80	5.94	7.29	6.32	7.03	7.31	8.26	10.64	12.20	11.57	9.57	8.96	7.50	8.86	8.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.16	0.00	0.00	-1.05	0.00	-1.79	0.00	-10.52	-3.13	-14.23	-1.96	-8.17	0.00	0.00
ADK HUDSON___FALLS	64.95	82.99	68.00	59.26	60.09	48.23	49.35	63.28	63.13	46.40	62.16	76.51	65.68	73.82	75.92	88.95	108.59	138.84	133.47	162.32	99.06	88.11	93.83	92.75
24011	3.77	4.77	3.94	3.42	3.58	3.12	3.67	5.08	4.90	3.20	4.27	5.29	4.47	5.10	5.76	7.23	9.29	10.41	10.23	8.49	7.62	6.30	7.23	6.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.51	0.00	-17.14	-14.34	-65.05	-8.95	-11.08	0.00	0.00
ADK RESOURCE___RCVRY	65.15	83.26	68.20	59.43	60.29	48.49	49.75	63.82	63.65	46.71	62.58	76.96	65.90	74.05	76.33	89.63	109.46	139.87	134.42	163.43	99.82	88.72	94.39	93.21
23798	3.98	5.04	4.14	3.59	3.78	3.38	4.08	5.62	5.42	3.52	4.69	5.74	4.69	5.33	6.17	7.90	10.17	11.37	11.12	9.30	8.34	6.89	7.78	7.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.52	0.00	-17.22	-14.41	-65.35	-8.99	-11.08	0.00	0.00
ADK S GLENS___FALLS	64.95	82.99	68.00	59.26	60.09	48.23	49.35	63.28	63.13	46.40	62.16	76.51	65.68	73.82	75.92	88.95	108.59	138.84	133.47	162.32	99.06	88.11	93.83	92.75
24028	3.77	4.77	3.94	3.42	3.58	3.12	3.67	5.08	4.90	3.20	4.27	5.29	4.47	5.10	5.76	7.23	9.29	10.41	10.23	8.49	7.62	6.30	7.23	6.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.51	0.00	-17.14	-14.34	-65.05	-8.95	-11.08	0.00	0.00
ADK_NYS___DAM	65.06	83.10	68.14	59.35	60.09	48.04	48.70	62.38	62.43	46.03	61.85	76.08	65.34	73.44	75.35	87.87	107.04	133.55	128.25	145.35	95.73	86.95	93.35	92.46
23527	3.89	4.88	4.08	3.51	3.58	2.93	3.03	4.17	4.20	2.84	3.96	4.86	4.13	4.72	5.19	6.24	7.75	8.63	8.42	7.03	6.43	5.53	6.74	6.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.43	0.00	-13.63	-10.92	-49.55	-6.82	-10.67	0.00	0.00
AIR_PRODUCTS___DRP	62.90	80.47	66.03	57.52	58.25	46.24	46.95	60.12	60.10	44.45	59.67	73.45	63.13	70.94	72.66	84.40	102.21	123.52	120.11	128.20	90.32	83.82	89.49	89.24
24190	1.73	2.24	1.97	1.68	1.74	1.14	1.27	1.91	1.87	1.25	1.78	2.23	1.92	2.22	2.50	2.75	2.91	2.80	3.08	2.55	2.76	2.36	2.88	3.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.43	0.00	-9.43	-8.13	-36.88	-5.08	-10.71	0.00	0.00
AKWESSNE_115KV_BK	61.37	78.59	64.28	56.14	56.61	45.11	45.27	57.32	57.18	42.53	56.78	69.86	60.07	67.43	68.75	77.23	96.64	107.80	105.33	85.86	79.77	68.76	84.21	84.29
355683	0.20	0.36	0.22	0.30	0.11	0.00	-0.41	-0.88	-1.05	-0.67	-1.12	-1.36	-1.14	-1.29	-1.41	-1.98	-2.66	-3.48	-3.57	-2.91	-2.71	-1.98	-2.40	-1.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	63.67	81.49	66.85	58.27	59.02	46.88	47.59	60.88	60.68	44.65	60.03	73.86	63.50	71.42	73.26	85.18	103.72	124.12	120.43	122.90	90.52	84.53	90.69	90.33
323833	2.50	3.27	2.79	2.43	2.51	1.78	1.92	2.67	2.45	1.45	2.14	2.64	2.29	2.70	3.10	3.59	4.42	4.80	4.89	3.98	3.88	3.32	4.09	4.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.38	0.00	-8.03	-6.64	-30.14	-4.15	-10.47	0.00	0.00
ALBANY_2_SOLAR	63.65	81.48	66.84	58.26	59.00	46.86	47.59	60.86	60.66	44.63	60.02	73.85	63.48	71.41	73.25	85.18	103.70	124.08	120.41	122.87	90.49	84.50	90.65	90.31
323834	2.48	3.25	2.78	2.41	2.49	1.76	1.91	2.66	2.43	1.44	2.12	2.63	2.27	2.69	3.09	3.59	4.40	4.76	4.87	3.97	3.86	3.29	4.04	4.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.38	0.00	-8.03	-6.64	-30.13	-4.15	-10.47	0.00	0.00
ALBANY___1	62.90	80.47	66.03	57.52	58.25	46.24	46.95	60.12	60.10	44.45	59.67	73.45	63.13	70.94	72.66	84.40	102.21	123.52	120.11	128.20	90.32	83.82	89.49	89.24
23571	1.73	2.24	1.97	1.68	1.74	1.14	1.27	1.91	1.87	1.25	1.78	2.23	1.92	2.22	2.50	2.75	2.91	2.80	3.08	2.55	2.76	2.36	2.88	3.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.43	0.00	-9.43	-8.13	-36.88	-5.08	-10.71	0.00	0.00

ALBANY___2 23572	62.90 1.73 0.00	80.47 2.24 0.00	66.03 1.97 0.00	57.52 1.68 0.00	58.25 1.74 0.00	46.24 1.14 0.00	46.95 1.27 0.00	60.12 1.91 0.00	60.10 1.87 0.00	44.45 1.25 0.00	59.67 1.78 0.00	73.45 2.23 0.00	63.13 1.92 0.00	70.94 2.22 0.00	72.66 2.50 0.00	84.40 2.75 -2.43	102.21 2.91 0.00	123.52 2.80 -9.43	120.11 3.08 -8.13	128.20 2.55 -36.88	90.32 2.76 -5.08	83.82 2.36 -10.71	89.49 2.88 0.00	89.24 3.15 0.00
ALBANY___3 23573	62.90 1.73 0.00	80.47 2.24 0.00	66.03 1.97 0.00	57.52 1.68 0.00	58.25 1.74 0.00	46.24 1.14 0.00	46.95 1.27 0.00	60.12 1.91 0.00	60.10 1.87 0.00	44.45 1.25 0.00	59.67 1.78 0.00	73.45 2.23 0.00	63.13 1.92 0.00	70.94 2.22 0.00	72.66 2.50 0.00	84.40 2.75 -2.43	102.21 2.91 0.00	123.52 2.80 -9.43	120.11 3.08 -8.13	128.20 2.55 -36.88	90.32 2.76 -5.08	83.82 2.36 -10.71	89.49 2.88 0.00	89.24 3.15 0.00
ALBANY___4 23574	62.90 1.73 0.00	80.47 2.24 0.00	66.03 1.97 0.00	57.52 1.68 0.00	58.25 1.74 0.00	46.24 1.14 0.00	46.95 1.27 0.00	60.12 1.91 0.00	60.10 1.87 0.00	44.45 1.25 0.00	59.67 1.78 0.00	73.45 2.23 0.00	63.13 1.92 0.00	70.94 2.22 0.00	72.66 2.50 0.00	84.40 2.75 -2.43	102.21 2.91 0.00	123.52 2.80 -9.43	120.11 3.08 -8.13	128.20 2.55 -36.88	90.32 2.76 -5.08	83.82 2.36 -10.71	89.49 2.88 0.00	89.24 3.15 0.00
ALBANY___LFGE 323615	63.37 2.19 0.00	81.05 2.83 0.00	66.50 2.44 0.00	57.94 2.10 0.00	58.66 2.15 0.00	46.64 1.54 0.00	47.37 1.69 0.00	60.66 2.45 0.00	60.66 2.43 0.00	44.86 1.67 0.00	60.22 2.33 0.00	74.15 2.93 0.00	63.73 2.52 0.00	71.61 2.88 0.00	73.36 3.20 0.00	85.28 3.60 -2.46	103.47 4.17 0.00	127.53 4.32 -11.93	123.56 4.55 -10.12	138.35 3.69 -45.88	92.47 3.66 -6.32	84.69 3.12 -10.82	90.37 3.76 0.00	90.02 3.93 0.00
ALCOA_PA_115KV_PL-6C 55860	61.57 0.39 0.00	78.83 0.60 0.00	64.45 0.39 0.00	56.17 0.32 0.00	56.75 0.24 0.00	45.18 0.07 0.00	45.29 -0.39 0.00	57.34 -0.87 0.00	57.32 -0.91 0.00	42.63 -0.57 0.00	56.85 -1.04 0.00	69.95 -1.27 0.00	60.13 -1.08 0.00	67.50 -1.23 0.00	68.87 -1.29 0.00	77.39 -1.82 0.00	96.88 -2.42 0.00	107.30 -3.98 0.00	105.21 -3.68 0.00	85.72 -3.05 0.00	79.76 -2.73 0.00	68.99 -1.75 0.00	84.45 -2.16 0.00	84.77 -1.32 0.00
ALCOA_RYNLDS___DRP 24188	61.57 0.39 0.00	78.83 0.60 0.00	64.45 0.39 0.00	56.17 0.32 0.00	56.75 0.24 0.00	45.18 0.07 0.00	45.29 -0.39 0.00	57.34 -0.87 0.00	57.32 -0.91 0.00	42.63 -0.57 0.00	56.85 -1.04 0.00	69.95 -1.27 0.00	60.13 -1.08 0.00	67.50 -1.23 0.00	68.87 -1.29 0.00	77.39 -1.82 0.00	96.88 -2.42 0.00	107.30 -3.98 0.00	105.21 -3.68 0.00	85.72 -3.05 0.00	79.76 -2.73 0.00	68.99 -1.75 0.00	84.45 -2.16 0.00	84.77 -1.32 0.00
ALCOA___DSASP 323711	61.57 0.39 0.00	78.83 0.60 0.00	64.45 0.40 0.00	56.16 0.31 0.00	56.75 0.24 0.00	45.18 0.07 0.00	45.29 -0.39 0.00	57.34 -0.87 0.00	57.32 -0.91 0.00	42.63 -0.57 0.00	56.85 -1.04 0.00	69.95 -1.27 0.00	60.13 -1.08 0.00	67.50 -1.22 0.00	68.87 -1.29 0.00	77.39 -1.82 0.00	96.88 -2.42 0.00	107.30 -3.98 0.00	105.21 -3.69 0.00	85.72 -3.05 0.00	79.75 -2.73 0.00	68.98 -1.76 0.00	84.45 -2.16 0.00	84.77 -1.31 0.00
ALLEGHENY___COGEN 23514	59.64 -1.54 0.00	76.77 -2.44 -0.98	65.93 -2.38 -4.26	71.76 -2.23 -18.14	89.30 -1.70 -34.49	75.94 -0.44 -31.28	65.66 -1.50 -21.48	55.48 -2.73 0.00	55.85 -2.38 0.00	41.60 -1.60 0.00	54.84 -3.06 0.00	66.95 -4.80 -0.53	67.77 -5.46 -12.01	78.75 -6.16 -16.19	75.81 -6.40 -12.05	89.66 -6.94 -17.39	92.34 -6.95 0.00	104.79 -7.45 -0.96	102.83 -6.69 -0.62	108.30 -4.42 -23.95	160.01 2.67 -74.85	95.52 0.42 -24.36	87.34 0.73 0.00	86.32 0.23 0.00
ALTAMONT_115KV_TB 2 55880	63.02 1.84 0.00	80.61 2.38 0.00	66.13 2.08 0.00	57.62 1.78 0.00	58.36 1.85 0.00	46.41 1.30 0.00	47.18 1.50 0.00	60.37 2.17 0.00	60.36 2.13 0.00	44.64 1.44 0.00	59.94 2.04 0.00	73.70 2.48 0.00	63.39 2.18 0.00	71.20 2.47 0.00	72.86 2.70 0.00	84.84 3.20 -2.43	103.23 3.93 0.00	123.43 4.27 -7.87	120.20 4.30 -7.00	124.08 3.54 -31.77	90.24 3.38 -4.37	84.32 2.88 -10.70	90.11 3.50 0.00	89.51 3.43 0.00
ALTONA_WT_PWR 323606	11.60 -1.35 48.23	76.60 -1.63 0.00	63.05 -1.01 0.00	55.07 -0.77 0.00	55.50 -1.01 0.00	44.18 -0.93 0.00	44.38 -1.30 0.00	56.13 -2.08 0.00	56.18 -2.05 0.00	41.65 -1.55 0.00	55.77 -2.13 0.00	68.50 -2.72 0.00	58.92 -2.29 0.00	66.44 -2.28 0.00	68.13 -2.03 0.00	76.64 -2.57 0.00	96.02 -3.28 0.00	106.27 -5.01 0.00	103.73 -5.16 0.00	85.12 -3.66 0.00	78.74 -3.75 0.00	68.21 -2.53 0.00	83.51 -3.10 0.00	84.03 -2.05 0.00
AMERICAN_REF_FUEL 24010	53.46 -7.72 0.00	67.81 -10.19 0.23	54.28 -8.84 0.94	43.79 -7.97 4.09	41.48 -7.08 7.95	33.21 -4.91 6.99	35.75 -5.16 4.77	51.34 -6.87 0.00	51.33 -6.89 0.00	38.47 -4.73 0.00	51.13 -6.76 0.00	62.62 -8.47 0.12	51.25 -7.15 2.81	56.81 -8.12 3.79	58.77 -8.57 2.82	63.59 -9.54 6.09	87.21 -12.09 0.00	98.05 -14.05 -0.82	96.67 -12.77 -0.54	75.61 -10.68 2.49	56.53 -8.86 17.09	58.84 -7.91 3.99	78.57 -8.04 0.00	78.18 -7.90 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	54.82 -6.35 0.00	70.03 -7.96 0.23	55.86 -7.19 1.01	45.09 -6.45 4.31	42.76 -5.53 8.22	34.38 -3.32 7.41	37.06 -3.53 5.09	53.52 -4.69 0.00	53.21 -5.02 0.00	39.56 -3.63 0.00	52.91 -4.99 0.00	65.16 -5.93 0.13	53.13 -5.18 2.90	59.20 -5.61 3.91	61.86 -5.39 2.91	67.29 -5.85 6.07	91.94 -7.36 0.00	103.82 -8.39 -0.92	101.74 -7.76 -0.61	78.40 -8.03 2.34	58.09 -6.78 17.62	60.29 -6.45 4.01	79.92 -6.69 0.00	78.53 -7.56 0.00
ARTHUR KILL_GT_1 23520	109.21 4.17 -43.86	106.97 5.11 -23.64	74.49 4.14 -6.30	76.86 3.69 -17.32	75.41 3.68 -15.22	73.33 2.97 -25.25	74.80 3.66 -25.46	81.18 5.42 -17.55	79.91 5.32 -16.36	74.09 3.71 -27.19	77.51 5.58 -14.03	99.91 6.92 -21.76	99.65 5.85 -32.59	99.88 6.67 -24.49	100.14 6.93 -23.05	100.58 7.95 -13.41	146.20 10.33 -36.58	314.22 11.92 -191.02	361.59 11.27 -241.42	387.46 9.32 -289.37	356.04 8.86 -264.69	180.48 7.50 -102.23	128.14 8.74 -32.79	102.94 8.01 -8.84
ARTHUR_KILL_2 23512	109.04 4.00 -43.86	106.74 4.87 -23.64	74.32 3.96 -6.30	76.71 3.54 -17.32	75.24 3.51 -15.22	73.20 2.84 -25.25	74.66 3.52 -25.46	81.00 5.24 -17.55	79.74 5.15 -16.36	73.98 3.60 -27.19	77.37 5.45 -14.03	99.74 6.76 -21.76	99.52 5.72 -32.59	99.72 6.51 -24.49	99.98 6.77 -23.05	100.37 7.75 -13.41	145.91 10.04 -36.58	313.90 11.60 -191.02	361.28 10.96 -241.42	387.20 9.05 -289.37	355.79 8.62 -264.69	180.26 7.29 -102.23	127.88 8.48 -32.79	102.66 7.73 -8.84
ARTHUR_KILL_3 23513	110.47 3.14 -46.15	106.89 3.79 -24.87	73.94 3.26 -6.62	76.79 2.72 -18.22	75.26 2.74 -16.01	73.95 2.27 -26.57	75.09 2.86 -26.56	80.79 4.45 -18.13	79.86 4.46 -17.17	74.86 3.14 -28.53	76.98 5.04 -14.04	99.21 6.22 -21.77	99.19 5.38 -32.60	99.22 6.00 -24.50	99.54 6.26 -23.12	99.79 7.06 -13.52	119.02 9.09 -10.64	141.23 10.42 -19.53	131.33 9.81 -12.62	125.76 8.18 -28.81	133.72 7.72 -43.52	157.31 6.48 -80.09	128.73 7.62 -34.50	102.37 6.97 -9.31

ARTHUR_KILL_COGEN 323718	109.21 4.17 -43.86	106.97 5.11 -23.64	74.49 4.14 -6.30	76.86 3.69 -17.32	75.41 3.68 -15.22	73.33 2.97 -25.25	74.80 3.66 -25.46	81.18 5.42 -17.55	79.91 5.32 -16.36	74.09 3.71 -27.19	77.51 5.58 -14.03	99.91 6.92 -21.76	99.65 5.85 -32.59	99.88 6.67 -24.49	100.14 6.93 -23.05	100.58 7.95 -13.41	146.20 10.33 -36.58	314.22 11.92 -191.02	361.59 9.32 -241.42	387.46 11.27 -289.37	356.04 8.86 -264.69	180.48 7.50 -102.23	128.14 8.74 -32.79	102.94 8.01 -8.84
ASHOKAN____ 23654	66.53 5.36 0.00	84.92 6.69 0.00	69.63 5.58 0.00	60.67 4.83 0.00	61.53 5.02 0.00	49.18 4.07 0.00	50.39 4.71 0.00	64.92 6.71 0.00	64.79 6.56 0.00	47.38 4.18 0.00	63.45 5.55 0.00	78.04 6.82 0.00	67.15 5.94 0.00	75.54 6.81 0.00	77.49 7.33 0.00	90.07 8.76 -2.10	111.50 12.21 0.00	134.61 14.38 -8.94	127.83 13.38 -5.55	124.74 10.79 -25.17	96.44 10.49 -3.47	88.86 8.61 -9.50	96.95 10.34 0.00	95.92 9.83 0.00
ASTORIA_EAST_ENERGY_CC1 323581	64.79 3.61 -0.01	82.65 4.42 -0.01	67.81 3.75 0.00	59.04 3.19 -0.01	59.72 3.21 -0.01	47.72 2.61 0.00	48.98 3.30 0.00	63.21 5.00 0.00	63.30 5.07 0.00	46.73 3.53 0.00	66.46 5.40 -3.17	77.89 6.66 -0.01	67.02 5.80 -0.01	76.25 6.47 -1.06	76.92 6.75 -0.01	88.58 7.58 -1.79	109.13 9.83 -0.01	132.88 11.07 -10.53	122.53 10.49 -3.14	111.78 8.78 -14.23	92.85 8.40 -1.96	85.87 6.96 -8.17	94.84 8.23 0.00	93.67 7.59 0.00
ASTORIA_EAST_ENERGY_CC2 323582	64.79 3.61 -0.01	82.65 4.42 -0.01	67.81 3.75 0.00	59.04 3.19 -0.01	59.72 3.21 -0.01	47.72 2.61 0.00	48.98 3.30 0.00	63.21 5.00 0.00	63.30 5.07 0.00	46.73 3.53 0.00	66.46 5.40 -3.17	77.87 6.65 -0.01	67.02 5.80 -0.01	76.25 6.47 -1.06	76.92 6.75 -0.01	88.57 7.57 -1.79	109.13 9.83 -0.01	132.88 11.07 -10.53	122.54 10.50 -3.14	111.80 8.80 -14.23	92.85 8.41 -1.96	85.89 6.97 -8.17	94.86 8.24 0.00	93.67 7.59 0.00
ASTORIA_GT2_1 24094	64.83 3.65 -0.01	82.68 4.45 -0.01	67.84 3.78 0.00	59.05 3.20 -0.01	59.75 3.24 -0.01	47.73 2.62 0.00	49.01 3.33 0.00	63.24 5.03 0.00	63.34 5.11 0.00	46.76 3.56 0.00	66.53 5.47 -3.17	77.96 6.74 -0.01	67.04 5.83 -0.01	76.32 6.54 -1.06	76.96 6.80 -0.01	88.61 7.60 -1.79	109.20 9.90 -0.01	132.94 11.13 -10.53	122.56 10.53 -3.14	111.83 8.83 -14.23	92.91 8.46 -1.96	85.92 7.00 -8.17	94.89 8.27 0.00	93.72 7.63 0.00
ASTORIA_GT2_2 24095	64.83 3.65 -0.01	82.68 4.45 -0.01	67.84 3.78 0.00	59.05 3.20 -0.01	59.75 3.24 -0.01	47.73 2.62 0.00	49.01 3.33 0.00	63.24 5.03 0.00	63.34 5.11 0.00	46.76 3.56 0.00	66.53 5.47 -3.17	77.96 6.74 -0.01	67.04 5.83 -0.01	76.32 6.54 -1.06	76.96 6.80 -0.01	88.61 7.60 -1.79	109.20 9.90 -0.01	132.94 11.13 -10.53	122.56 10.53 -3.14	111.83 8.83 -14.23	92.91 8.46 -1.96	85.92 7.00 -8.17	94.89 8.27 0.00	93.72 7.63 0.00
ASTORIA_GT2_3 24096	64.83 3.65 -0.01	82.68 4.45 -0.01	67.84 3.78 0.00	59.05 3.20 -0.01	59.75 3.24 -0.01	47.73 2.62 0.00	49.01 3.33 0.00	63.24 5.03 0.00	63.34 5.11 0.00	46.76 3.56 0.00	66.53 5.47 -3.17	77.96 6.74 -0.01	67.04 5.83 -0.01	76.32 6.54 -1.06	76.96 6.80 -0.01	88.61 7.60 -1.79	109.20 9.90 -0.01	132.94 11.13 -10.53	122.56 10.53 -3.14	111.83 8.83 -14.23	92.91 8.46 -1.96	85.92 7.00 -8.17	94.89 8.27 0.00	93.72 7.63 0.00
ASTORIA_GT2_4 24097	64.83 3.65 -0.01	82.68 4.45 -0.01	67.84 3.78 0.00	59.05 3.20 -0.01	59.75 3.24 -0.01	47.73 2.62 0.00	49.01 3.33 0.00	63.24 5.03 0.00	63.34 5.11 0.00	46.76 3.56 0.00	66.53 5.47 -3.17	77.96 6.74 -0.01	67.04 5.83 -0.01	76.32 6.54 -1.06	76.96 6.80 -0.01	88.61 7.60 -1.79	109.20 9.90 -0.01	132.94 11.13 -10.53	122.56 10.53 -3.14	111.83 8.83 -14.23	92.91 8.46 -1.96	85.92 7.00 -8.17	94.89 8.27 0.00	93.72 7.63 0.00
ASTORIA_GT3_1 24098	64.83 3.65 -0.01	82.68 4.45 -0.01	67.84 3.78 0.00	59.05 3.20 -0.01	59.75 3.24 -0.01	47.73 2.62 0.00	49.01 3.33 0.00	63.24 5.03 0.00	63.34 5.11 0.00	46.76 3.56 0.00	66.53 5.47 -3.17	77.96 6.74 -0.01	67.04 5.83 -0.01	76.32 6.54 -1.06	76.96 6.80 -0.01	88.61 7.60 -1.79	109.20 9.90 -0.01	132.94 11.13 -10.53	122.56 10.53 -3.14	111.83 8.83 -14.23	92.91 8.46 -1.96	85.92 7.00 -8.17	94.89 8.27 0.00	93.72 7.63 0.00
ASTORIA_GT3_2 24099	64.83 3.65 -0.01	82.68 4.45 -0.01	67.84 3.78 0.00	59.05 3.20 -0.01	59.75 3.24 -0.01	47.73 2.62 0.00	49.01 3.33 0.00	63.24 5.03 0.00	63.34 5.11 0.00	46.76 3.56 0.00	66.53 5.47 -3.17	77.96 6.74 -0.01	67.04 5.83 -0.01	76.32 6.54 -1.06	76.96 6.80 -0.01	88.61 7.60 -1.79	109.20 9.90 -0.01	132.94 11.13 -10.53	122.56 10.53 -3.14	111.83 8.83 -14.23	92.91 8.46 -1.96	85.92 7.00 -8.17	94.89 8.27 0.00	93.72 7.63 0.00
ASTORIA_GT3_3 24100	64.83 3.65 -0.01	82.68 4.45 -0.01	67.84 3.78 0.00	59.05 3.20 -0.01	59.75 3.24 -0.01	47.73 2.62 0.00	49.01 3.33 0.00	63.24 5.03 0.00	63.34 5.11 0.00	46.76 3.56 0.00	66.53 5.47 -3.17	77.96 6.74 -0.01	67.04 5.83 -0.01	76.32 6.54 -1.06	76.96 6.80 -0.01	88.61 7.60 -1.79	109.20 9.90 -0.01	132.94 11.13 -10.53	122.56 10.53 -3.14	111.83 8.83 -14.23	92.91 8.46 -1.96	85.92 7.00 -8.17	94.89 8.27 0.00	93.72 7.63 0.00
ASTORIA_GT3_4 24101	64.83 3.65 -0.01	82.68 4.45 -0.01	67.84 3.78 0.00	59.05 3.20 -0.01	59.75 3.24 -0.01	47.73 2.62 0.00	49.01 3.33 0.00	63.24 5.03 0.00	63.34 5.11 0.00	46.76 3.56 0.00	66.53 5.47 -3.17	77.96 6.74 -0.01	67.04 5.83 -0.01	76.32 6.54 -1.06	76.96 6.80 -0.01	88.61 7.60 -1.79	109.20 9.90 -0.01	132.94 11.13 -10.53	122.56 10.53 -3.14	111.83 8.83 -14.23	92.91 8.46 -1.96	85.92 7.00 -8.17	94.89 8.27 0.00	93.72 7.63 0.00
ASTORIA_GT4_1 24102	64.83 3.65 -0.01	82.68 4.45 -0.01	67.84 3.78 0.00	59.05 3.20 -0.01	59.75 3.24 -0.01	47.73 2.62 0.00	49.01 3.33 0.00	63.24 5.03 0.00	63.34 5.11 0.00	46.76 3.56 0.00	66.53 5.47 -3.17	77.96 6.74 -0.01	67.04 5.83 -0.01	76.32 6.54 -1.06	76.96 6.80 -0.01	88.61 7.60 -1.79	109.20 9.90 -0.01	132.94 11.13 -10.53	122.56 10.53 -3.14	111.83 8.83 -14.23	92.91 8.46 -1.96	85.92 7.00 -8.17	94.89 8.27 0.00	93.72 7.63 0.00
ASTORIA_GT4_2 24103	64.83 3.65 -0.01	82.68 4.45 -0.01	67.84 3.78 0.00	59.05 3.20 -0.01	59.75 3.24 -0.01	47.73 2.62 0.00	49.01 3.33 0.00	63.24 5.03 0.00	63.34 5.11 0.00	46.76 3.56 0.00	66.53 5.47 -3.17	77.96 6.74 -0.01	67.04 5.83 -0.01	76.32 6.54 -1.06	76.96 6.80 -0.01	88.61 7.60 -1.79	109.20 9.90 -0.01	132.94 11.13 -10.53	122.56 10.53 -3.14	111.83 8.83 -14.23	92.91 8.46 -1.96	85.92 7.00 -8.17	94.89 8.27 0.00	93.72 7.63 0.00
ASTORIA_GT4_3 24104	64.83 3.65 -0.01	82.68 4.45 -0.01	67.84 3.78 0.00	59.05 3.20 -0.01	59.75 3.24 -0.01	47.73 2.62 0.00	49.01 3.33 0.00	63.24 5.03 0.00	63.34 5.11 0.00	46.76 3.56 0.00	66.53 5.47 -3.17	77.96 6.74 -0.01	67.04 5.83 -0.01	76.32 6.54 -1.06	76.96 6.80 -0.01	88.61 7.60 -1.79	109.20 9.90 -0.01	132.94 11.13 -10.53	122.56 10.53 -3.14	111.83 8.83 -14.23	92.91 8.46 -1.96	85.92 7.00 -8.17	94.89 8.27 0.00	93.72 7.63 0.00

ASTORIA_GT4_4 24105	64.83 3.65 -0.01	82.68 4.45 -0.01	67.84 3.78 0.00	59.05 3.20 -0.01	59.75 3.24 -0.01	47.73 2.62 0.00	49.01 3.33 0.00	63.24 5.03 0.00	63.34 5.11 0.00	46.76 3.56 0.00	66.53 5.47 -3.17	77.96 6.74 -0.01	67.04 5.83 -0.01	76.32 6.54 -1.06	76.96 6.80 -0.01	88.61 7.60 -1.79	109.20 9.90 -0.01	132.94 11.13 -10.53	122.56 10.53 -3.14	111.83 8.83 -14.23	92.91 8.46 -1.96	85.92 7.00 -8.17	94.89 8.27 0.00	93.72 7.63 0.00
ASTORIA_GT_1 23523	64.95 3.76 -0.01	82.82 4.59 -0.01	67.94 3.88 0.00	59.16 3.31 -0.01	59.84 3.32 -0.01	47.81 2.71 0.00	49.11 3.43 0.00	63.37 5.16 0.00	63.47 5.24 0.00	46.85 3.65 0.00	66.62 5.55 -3.17	78.06 6.84 -0.01	67.18 5.96 -0.01	76.44 6.66 -1.06	77.11 6.95 -0.01	88.81 7.80 -1.79	109.42 10.12 -0.01	133.21 11.40 -10.53	122.85 10.82 -3.14	112.05 9.05 -14.23	93.09 8.64 -1.96	86.08 7.17 -8.17	95.08 8.47 0.00	93.88 7.79 0.00
ASTORIA_GT_10 24110	64.94 3.76 -0.01	82.77 4.54 -0.01	67.90 3.85 0.00	59.12 3.27 -0.01	59.84 3.32 -0.01	47.82 2.71 0.00	48.98 3.30 0.00	63.26 5.05 0.00	63.31 5.09 0.00	46.79 3.59 0.00	67.28 5.70 -3.68	79.16 7.01 -0.93	68.74 6.06 -1.47	77.25 6.78 -1.75	77.48 7.04 -0.28	89.04 7.93 -1.89	109.51 10.21 -0.01	133.84 11.67 -10.89	123.12 11.08 -3.14	112.20 9.20 -14.23	93.09 8.65 -1.96	86.13 7.21 -8.17	95.22 8.61 0.00	94.02 7.94 0.00
ASTORIA_GT_11 24225	64.94 3.76 -0.01	82.77 4.54 -0.01	67.90 3.85 0.00	59.12 3.27 -0.01	59.84 3.32 -0.01	47.82 2.71 0.00	48.98 3.30 0.00	63.26 5.05 0.00	63.31 5.09 0.00	46.79 3.59 0.00	67.28 5.70 -3.68	79.16 7.01 -0.93	68.74 6.06 -1.47	77.25 6.78 -1.75	77.48 7.04 -0.28	89.04 7.93 -1.89	109.51 10.21 -0.01	133.84 11.67 -10.89	123.12 11.08 -3.14	112.20 9.20 -14.23	93.09 8.65 -1.96	86.13 7.21 -8.17	95.22 8.61 0.00	94.02 7.94 0.00
ASTORIA_GT_12 24226	64.94 3.76 -0.01	82.77 4.54 -0.01	67.90 3.85 0.00	59.12 3.27 -0.01	59.84 3.32 -0.01	47.82 2.71 0.00	48.98 3.30 0.00	63.26 5.05 0.00	63.31 5.09 0.00	46.79 3.59 0.00	67.28 5.70 -3.68	79.16 7.01 -0.93	68.74 6.06 -1.47	77.25 6.78 -1.75	77.48 7.04 -0.28	89.04 7.93 -1.89	109.51 10.21 -0.01	133.84 11.67 -10.89	123.12 11.08 -3.14	112.20 9.20 -14.23	93.09 8.65 -1.96	86.13 7.21 -8.17	95.22 8.61 0.00	94.02 7.94 0.00
ASTORIA_GT_13 24227	64.94 3.76 -0.01	82.77 4.54 -0.01	67.90 3.85 0.00	59.12 3.27 -0.01	59.84 3.32 -0.01	47.82 2.71 0.00	48.98 3.30 0.00	63.26 5.05 0.00	63.31 5.09 0.00	46.79 3.59 0.00	67.28 5.70 -3.68	79.16 7.01 -0.93	68.74 6.06 -1.47	77.25 6.78 -1.75	77.48 7.04 -0.28	89.04 7.93 -1.89	109.51 10.21 -0.01	133.84 11.67 -10.89	123.12 11.08 -3.14	112.20 9.20 -14.23	93.09 8.65 -1.96	86.13 7.21 -8.17	95.22 8.61 0.00	94.02 7.94 0.00
ASTORIA_GT_5 24106	64.94 3.76 -0.01	82.83 4.59 -0.01	67.94 3.88 0.00	59.16 3.31 -0.01	59.84 3.32 -0.01	47.82 2.71 0.00	49.11 3.43 0.00	63.37 5.16 0.00	63.47 5.24 0.00	46.86 3.66 0.00	66.66 5.60 -3.17	78.12 6.90 -0.01	67.19 5.97 -0.01	76.48 6.70 -1.06	77.13 6.96 -0.01	88.78 7.78 -1.79	109.41 10.11 -0.01	133.18 11.37 -10.53	122.85 10.81 -3.14	112.05 9.05 -14.23	93.10 8.66 -1.96	86.08 7.16 -8.17	95.08 8.47 0.00	93.88 7.80 0.00
ASTORIA_GT_7 24107	64.94 3.76 -0.01	82.83 4.59 -0.01	67.94 3.88 0.00	59.16 3.31 -0.01	59.84 3.32 -0.01	47.82 2.71 0.00	49.11 3.43 0.00	63.37 5.16 0.00	63.47 5.24 0.00	46.86 3.66 0.00	66.66 5.60 -3.17	78.12 6.90 -0.01	67.19 5.97 -0.01	76.48 6.70 -1.06	77.13 6.96 -0.01	88.78 7.78 -1.79	109.41 10.11 -0.01	133.18 11.37 -10.53	122.85 10.81 -3.14	112.05 9.05 -14.23	93.10 8.66 -1.96	86.08 7.16 -8.17	95.08 8.47 0.00	93.88 7.80 0.00
ASTORIA_GT_8 24108	64.94 3.76 -0.01	82.83 4.59 -0.01	67.94 3.88 0.00	59.16 3.31 -0.01	59.84 3.32 -0.01	47.82 2.71 0.00	49.11 3.43 0.00	63.37 5.16 0.00	63.47 5.24 0.00	46.86 3.66 0.00	66.66 5.60 -3.17	78.12 6.90 -0.01	67.19 5.97 -0.01	76.48 6.70 -1.06	77.13 6.96 -0.01	88.78 7.78 -1.79	109.41 10.11 -0.01	133.18 11.37 -10.53	122.85 10.81 -3.14	112.05 9.05 -14.23	93.10 8.66 -1.96	86.08 7.16 -8.17	95.08 8.47 0.00	93.88 7.80 0.00
ASTORIA___2 24149	64.84 3.65 -0.01	82.68 4.45 -0.01	67.84 3.78 0.00	59.06 3.21 -0.01	59.73 3.21 -0.01	47.73 2.62 0.00	49.00 3.33 0.00	63.23 5.03 0.00	63.33 5.10 0.00	46.75 3.56 0.00	66.48 5.42 -3.17	77.91 6.68 -0.01	67.04 5.82 -0.01	76.28 6.50 -1.06	76.94 6.77 -0.01	88.63 7.63 -1.79	109.19 9.89 -0.01	132.94 11.13 -10.53	122.57 10.53 -3.14	111.84 8.84 -14.23	92.88 8.44 -1.96	85.92 7.00 -8.17	94.91 8.30 0.00	93.71 7.62 0.00
ASTORIA___3 23516	64.94 3.75 -0.01	82.77 4.53 -0.01	67.90 3.84 0.00	59.12 3.27 -0.01	59.83 3.32 -0.01	47.82 2.71 0.00	48.98 3.30 0.00	63.26 5.05 0.00	63.31 5.08 0.00	46.79 3.59 0.00	67.27 5.70 -3.68	79.16 7.00 -0.93	68.74 6.07 -1.47	77.24 6.76 -1.75	77.47 7.03 -0.28	89.05 7.94 -1.89	109.50 10.20 -0.01	133.84 11.67 -10.89	123.14 11.10 -3.14	112.21 9.21 -14.23	93.07 8.63 -1.96	86.12 7.21 -8.17	95.24 8.63 0.00	94.03 7.94 0.00
ASTORIA___4 23517	64.94 3.76 -0.01	82.77 4.54 -0.01	67.90 3.85 0.00	59.12 3.27 -0.01	59.84 3.32 -0.01	47.82 2.71 0.00	48.98 3.30 0.00	63.26 5.05 0.00	63.31 5.09 0.00	46.79 3.59 0.00	67.28 5.70 -3.68	79.16 7.01 -0.93	68.74 6.06 -1.47	77.25 6.78 -1.75	77.48 7.04 -0.28	89.04 7.93 -1.89	109.51 10.21 -0.01	133.84 11.67 -10.89	123.12 11.08 -3.14	112.20 9.20 -14.23	93.09 8.65 -1.96	86.13 7.21 -8.17	95.22 8.61 0.00	94.02 7.94 0.00
ASTORIA___5 23518	64.94 3.75 -0.01	82.77 4.53 -0.01	67.90 3.84 0.00	59.12 3.27 -0.01	59.83 3.32 -0.01	47.82 2.71 0.00	48.98 3.30 0.00	63.26 5.05 0.00	63.31 5.08 0.00	46.79 3.59 0.00	67.27 5.70 -3.68	79.16 7.00 -0.93	68.74 6.07 -1.47	77.24 6.76 -1.75	77.47 7.03 -0.28	89.05 7.94 -1.89	109.50 10.20 -0.01	133.84 11.67 -10.89	123.14 11.10 -3.14	112.21 9.21 -14.23	93.07 8.63 -1.96	86.12 7.21 -8.17	95.24 8.63 0.00	94.03 7.94 0.00
AST_ENERGY_2_CC3 323677	64.45 3.27 0.00	82.15 3.93 0.00	67.42 3.36 0.00	58.67 2.82 0.00	59.38 2.87 0.00	47.49 2.38 0.00	48.65 2.98 0.00	62.84 4.64 0.00	62.88 4.65 0.00	46.51 3.32 0.00	66.54 5.47 -3.17	77.89 6.67 0.00	67.05 5.84 0.00	76.29 6.51 -1.06	76.94 6.78 0.00	88.64 7.64 -1.79	109.05 9.75 0.00	132.92 11.12 -10.52	122.49 10.46 -3.13	111.72 8.72 -14.22	92.65 8.21 -1.96	85.72 6.81 -8.17	73.83 8.05 20.83	-135.70 7.37 229.17
AST_ENERGY_2_CC4 323678	64.45 3.27 0.00	82.15 3.93 0.00	67.42 3.36 0.00	58.67 2.82 0.00	59.38 2.87 0.00	47.49 2.38 0.00	48.65 2.98 0.00	62.84 4.64 0.00	62.88 4.65 0.00	46.51 3.32 0.00	66.54 5.47 -3.17	77.89 6.67 0.00	67.05 5.84 0.00	76.29 6.51 -1.06	76.94 6.78 0.00	88.64 7.64 -1.79	109.05 9.75 0.00	132.92 11.12 -10.52	122.49 10.46 -3.13	111.72 8.72 -14.22	92.65 8.21 -1.96	85.72 6.81 -8.17	73.83 8.05 20.83	-135.70 7.37 229.17

ATHENS_STG_1 23668	63.22 2.05 0.00	80.87 2.64 0.00	66.39 2.33 0.00	57.83 1.99 0.00	58.55 2.04 0.00	46.57 1.46 0.00	47.40 1.73 0.00	60.79 2.59 0.00	60.82 2.59 0.00	44.99 1.79 0.00	61.32 2.73 -0.70	74.55 3.33 0.00	64.07 2.86 0.00	72.19 3.23 -0.23	73.59 3.44 0.00	85.31 3.99 -2.10	104.35 5.06 0.00	124.31 5.61 -7.43	117.57 5.47 -3.20	107.86 4.56 -14.53	88.79 4.30 -2.00	83.97 3.72 -9.51	91.16 4.56 0.00	90.38 4.29 0.00
ATHENS_STG_2 23670	63.22 2.05 0.00	80.87 2.64 0.00	66.39 2.33 0.00	57.83 1.99 0.00	58.55 2.04 0.00	46.57 1.46 0.00	47.40 1.73 0.00	60.79 2.59 0.00	60.82 2.59 0.00	44.99 1.79 0.00	61.32 2.73 -0.70	74.55 3.33 0.00	64.07 2.86 0.00	72.19 3.23 -0.23	73.59 3.44 0.00	85.31 3.99 -2.10	104.35 5.06 0.00	118.42 5.61 -1.53	117.57 5.47 -3.20	107.86 4.56 -14.53	88.79 4.30 -2.00	83.97 3.72 -9.51	91.16 4.56 0.00	90.38 4.29 0.00
ATHENS_STG_3 23677	63.22 2.05 0.00	80.87 2.64 0.00	66.39 2.33 0.00	57.83 1.99 0.00	58.55 2.04 0.00	46.57 1.46 0.00	47.40 1.73 0.00	60.79 2.59 0.00	60.82 2.59 0.00	44.99 1.79 0.00	61.32 2.73 -0.70	74.55 3.33 0.00	64.07 2.86 0.00	72.19 3.23 -0.23	73.59 3.44 0.00	85.31 3.99 -2.10	104.35 5.06 0.00	124.31 5.61 -7.43	117.57 5.47 -3.20	107.86 4.56 -14.53	88.79 4.30 -2.00	83.97 3.72 -9.51	91.16 4.56 0.00	90.38 4.29 0.00
AUBURN___LFGE 323710	60.85 -0.33 0.00	77.76 -0.47 0.00	63.39 -0.67 0.00	55.22 -0.62 0.00	56.11 -0.40 0.00	45.26 0.15 0.00	45.99 0.32 0.00	58.79 0.59 0.00	59.16 0.93 0.00	43.86 0.66 0.00	58.38 0.48 0.00	71.45 0.23 0.00	61.32 0.11 0.00	69.13 0.41 0.00	70.52 0.36 0.00	80.35 0.86 -0.27	100.75 1.46 0.00	113.61 1.74 -0.58	111.32 1.94 -0.48	92.33 1.38 -2.17	83.65 0.87 -0.30	72.35 0.41 -1.20	87.27 0.67 0.00	86.56 0.47 0.00
BABYLON_RES_REC 323704	66.11 4.93 -0.01	84.30 6.06 -0.01	68.99 4.93 0.00	60.01 4.16 0.00	64.48 4.41 -3.57	48.82 3.71 -0.01	50.10 4.37 -0.05	64.53 6.31 -0.01	64.19 5.96 0.00	47.09 3.89 0.00	73.81 6.51 -9.41	80.02 8.03 -0.76	71.55 6.94 -3.39	77.60 7.60 -1.28	77.59 7.43 0.00	88.95 7.95 -1.79	109.67 10.38 0.00	133.70 11.90 -10.52	123.54 11.50 -3.14	113.30 10.26 -14.26	94.77 9.48 -2.80	97.53 8.18 -18.61	130.69 10.53 -33.54	120.33 10.08 -24.16
BABYLON___69_KV_BK2 356345	66.82 5.64 -0.01	85.20 6.96 -0.01	69.69 5.63 0.00	60.63 4.78 0.00	65.23 5.07 -3.65	49.37 4.25 -0.01	50.69 4.96 -0.05	65.28 7.07 -0.01	64.89 6.65 0.00	47.55 4.36 0.00	74.41 7.10 -9.41	80.77 8.79 -0.76	72.18 7.58 -3.39	78.29 8.29 -1.28	78.67 8.51 0.00	90.41 9.41 -1.79	111.95 12.65 0.00	136.51 14.71 -10.52	126.28 14.25 -3.14	115.38 12.35 -14.26	96.70 11.40 -2.82	99.20 9.64 -18.82	132.60 11.75 -34.24	121.81 11.18 -24.54
BALL_HILL_WT_PWR 323825	55.38 -5.80 0.00	70.38 -7.53 0.31	55.92 -6.79 1.34	43.84 -6.27 5.73	40.09 -5.49 10.93	31.85 -3.38 9.87	35.47 -3.43 6.78	53.76 -4.45 0.00	53.57 -4.65 0.00	39.81 -3.39 0.00	53.09 -4.81 0.00	65.07 -5.98 0.17	52.16 -5.19 3.86	57.74 -5.79 5.20	60.34 -5.95 3.87	65.24 -6.39 7.58	91.30 -8.00 0.00	102.80 -9.37 -0.89	101.02 -8.46 -0.59	76.84 -7.82 4.13	52.26 -6.69 23.54	58.78 -6.09 5.88	80.57 -6.04 0.00	79.67 -6.41 0.00
BARON_WINDS___WT_PWR 323822	56.89 -4.28 0.00	70.82 -5.80 1.60	51.72 -5.41 6.92	21.60 -4.72 29.53	-4.14 -4.47 56.17	-8.38 -2.59 50.90	8.48 -2.25 34.96	55.84 -2.37 0.00	56.17 -2.06 0.00	41.55 -1.64 0.00	55.23 -2.67 0.00	66.50 -3.85 0.87	37.85 -3.74 19.62	37.92 -4.36 26.45	46.22 -4.26 19.69	45.63 -3.97 29.61	94.61 -4.69 0.00	106.81 -5.68 -1.21	104.60 -5.11 -0.81	53.42 -4.54 30.82	-42.40 -3.76 121.12	31.42 -4.01 35.32	81.99 -4.62 0.00	81.21 -4.88 0.00
BARRETT_IC_1 23704	65.52 4.34 -0.01	83.57 5.33 -0.01	68.36 4.31 0.00	59.50 3.66 0.00	64.35 3.90 -3.94	48.37 3.25 -0.01	49.83 3.84 -0.32	63.73 5.51 -0.02	63.37 5.14 0.00	46.68 3.48 0.00	181.61 5.99 -117.73	108.11 7.32 -29.56	110.10 6.35 -42.54	110.10 6.99 -34.39	102.93 7.19 -25.57	88.98 7.96 -1.80	109.53 10.23 0.00	133.31 11.51 -10.52	123.15 11.12 -3.13	112.87 9.87 -14.23	94.50 9.13 -2.88	110.71 7.82 -32.15	161.92 9.57 -65.74	200.49 9.09 -105.32
BARRETT_IC_10 23701	65.52 4.34 -0.01	83.57 5.33 -0.01	68.36 4.31 0.00	59.50 3.66 0.00	64.35 3.90 -3.94	48.37 3.25 -0.01	49.79 3.84 -0.27	63.72 5.51 0.00	63.37 5.14 0.00	46.68 3.48 0.00	108.33 5.99 -44.45	108.11 7.32 -29.56	110.10 6.35 -42.54	110.10 6.99 -34.39	102.93 7.19 -25.57	88.98 7.96 -1.80	109.53 10.23 0.00	133.31 11.51 -10.52	123.15 11.12 -3.13	112.87 9.87 -14.23	94.50 9.13 -2.88	101.61 7.82 -23.05	140.97 9.57 -44.79	142.93 9.09 -47.75
BARRETT_IC_11 23702	65.52 4.34 -0.01	83.57 5.33 -0.01	68.36 4.31 0.00	59.50 3.66 0.00	64.35 3.90 -3.94	48.37 3.25 -0.01	49.79 3.84 -0.27	63.72 5.51 0.00	63.37 5.14 0.00	46.68 3.48 0.00	108.33 5.99 -44.45	108.11 7.32 -29.56	110.10 6.35 -42.54	110.10 6.99 -34.39	102.93 7.19 -25.57	88.98 7.96 -1.80	109.53 10.23 0.00	133.31 11.51 -10.52	123.15 11.12 -3.13	112.87 9.87 -14.23	94.50 9.13 -2.88	101.61 7.82 -23.05	140.97 9.57 -44.79	142.93 9.09 -47.75
BARRETT_IC_12 23703	65.52 4.34 -0.01	83.57 5.33 -0.01	68.36 4.31 0.00	59.50 3.66 0.00	64.35 3.90 -3.94	48.37 3.25 -0.01	49.79 3.84 -0.27	63.72 5.51 0.00	63.37 5.14 0.00	46.68 3.48 0.00	108.33 5.99 -44.45	108.11 7.32 -29.56	110.10 6.35 -42.54	110.10 6.99 -34.39	102.93 7.19 -25.57	88.98 7.96 -1.80	109.53 10.23 0.00	133.31 11.51 -10.52	123.15 11.12 -3.13	112.87 9.87 -14.23	94.50 9.13 -2.88	101.61 7.82 -23.05	140.97 9.57 -44.79	142.93 9.09 -47.75
BARRETT_IC_2 23705	65.52 4.34 -0.01	83.57 5.33 -0.01	68.36 4.31 0.00	59.50 3.66 0.00	64.35 3.90 -3.94	48.37 3.25 -0.01	49.83 3.84 -0.32	63.73 5.51 -0.02	63.37 5.14 0.00	46.68 3.48 0.00	181.61 5.99 -117.73	108.11 7.32 -29.56	110.10 6.35 -42.54	110.10 6.99 -34.39	102.93 7.19 -25.57	88.98 7.96 -1.80	109.53 10.23 0.00	133.31 11.51 -10.52	123.15 11.12 -3.13	112.87 9.87 -14.23	94.50 9.13 -2.88	110.71 7.82 -32.15	161.92 9.57 -65.74	200.49 9.09 -105.32
BARRETT_IC_3 23706	65.52 4.34 -0.01	83.57 5.33 -0.01	68.36 4.31 0.00	59.50 3.66 0.00	64.35 3.90 -3.94	48.37 3.25 -0.01	49.83 3.84 -0.32	63.73 5.51 -0.02	63.37 5.14 0.00	46.68 3.48 0.00	181.61 5.99 -117.73	108.11 7.32 -29.56	110.10 6.35 -42.54	110.10 6.99 -34.39	102.93 7.19 -25.57	88.98 7.96 -1.80	109.53 10.23 0.00	133.31 11.51 -10.52	123.15 11.12 -3.13	112.87 9.87 -14.23	94.50 9.13 -2.88	110.71 7.82 -32.15	161.92 9.57 -65.74	200.49 9.09 -105.32
BARRETT_IC_4 23707	65.52 4.34 -0.01	83.57 5.33 -0.01	68.36 4.31 0.00	59.50 3.66 0.00	64.35 3.90 -3.94	48.37 3.25 -0.01	49.83 3.84 -0.32	63.73 5.51 -0.02	63.37 5.14 0.00	46.68 3.48 0.00	181.61 5.99 -117.73	108.11 7.32 -29.56	110.10 6.35 -42.54	110.10 6.99 -34.39	102.93 7.19 -25.57	88.98 7.96 -1.80	109.53 10.23 0.00	133.31 11.51 -10.52	123.15 11.12 -3.13	112.87 9.87 -14.23	94.50 9.13 -2.88	110.71 7.82 -32.15	161.92 9.57 -65.74	200.49 9.09 -105.32

BARRETT_IC_5 23708	65.52 4.34 -0.01	83.57 5.33 -0.01	68.36 4.31 0.00	59.50 3.66 0.00	64.35 3.90 -3.94	48.37 3.25 -0.01	49.83 3.84 -0.32	63.73 5.51 -0.02	63.37 5.14 0.00	46.68 3.48 0.00	181.61 5.99 -117.73	108.11 7.32 -29.56	110.10 6.35 -42.54	110.10 6.99 -34.39	102.93 7.19 -25.57	88.98 7.96 -1.80	109.53 10.23 0.00	133.31 11.51 -10.52	123.15 11.12 -3.13	112.87 9.87 -14.23	94.50 9.13 -2.88	110.71 7.82 -32.15	161.92 9.57 -65.74	200.49 9.09 -105.32
BARRETT_IC_6 23709	65.52 4.34 -0.01	83.57 5.33 -0.01	68.36 4.31 0.00	59.50 3.66 0.00	64.35 3.90 -3.94	48.37 3.25 -0.01	49.83 3.84 -0.32	63.73 5.51 -0.02	63.37 5.14 0.00	46.68 3.48 0.00	181.61 5.99 -117.73	108.11 7.32 -29.56	110.10 6.35 -42.54	110.10 6.99 -34.39	102.93 7.19 -25.57	88.98 7.96 -1.80	109.53 10.23 0.00	133.31 11.51 -10.52	123.15 11.12 -3.13	112.87 9.87 -14.23	94.50 9.13 -2.88	110.71 7.82 -32.15	161.92 9.57 -65.74	200.49 9.09 -105.32
BARRETT_IC_7 23710	65.52 4.34 -0.01	83.57 5.33 -0.01	68.36 4.31 0.00	59.50 3.66 0.00	64.37 3.92 -3.94	48.37 3.25 -0.01	49.85 3.85 -0.32	63.75 5.52 -0.02	63.37 5.14 0.00	46.68 3.49 0.00	181.64 6.01 -117.73	108.15 7.37 -29.56	110.13 6.37 -42.54	110.16 7.05 -34.39	102.98 7.25 -25.57	88.95 7.94 -1.80	109.53 10.23 0.00	133.31 11.51 -10.52	123.13 11.10 -3.13	112.89 9.88 -14.23	94.54 9.17 -2.88	110.74 7.85 -32.15	161.98 9.63 -65.74	200.49 9.09 -105.32
BARRETT_IC_8 23711	65.52 4.34 -0.01	83.57 5.33 -0.01	68.36 4.31 0.00	59.50 3.66 0.00	64.35 3.90 -3.94	48.37 3.25 -0.01	49.83 3.84 -0.32	63.73 5.51 -0.02	63.37 5.14 0.00	46.68 3.48 0.00	181.61 5.99 -117.73	108.11 7.32 -29.56	110.10 6.35 -42.54	110.10 6.99 -34.39	102.93 7.19 -25.57	88.98 7.96 -1.80	109.53 10.23 0.00	133.31 11.51 -10.52	123.15 11.12 -3.13	112.87 9.87 -14.23	94.50 9.13 -2.88	110.71 7.82 -32.15	161.92 9.57 -65.74	200.49 9.09 -105.32
BARRETT_IC_9 23700	65.52 4.34 -0.01	83.57 5.33 -0.01	68.36 4.31 0.00	59.50 3.66 0.00	64.35 3.90 -3.94	48.37 3.25 -0.01	49.79 3.84 -0.27	63.72 5.51 0.00	63.37 5.14 0.00	46.68 3.48 0.00	108.33 5.99 -44.45	108.11 7.32 -29.56	110.10 6.35 -42.54	110.10 6.99 -34.39	102.93 7.19 -25.57	88.98 7.96 -1.80	109.53 10.23 0.00	133.31 11.51 -10.52	123.15 11.12 -3.13	112.87 9.87 -14.23	94.50 9.13 -2.88	101.61 7.82 -23.05	140.97 9.57 -44.79	142.93 9.09 -47.75
BARRETT___1 23545	65.52 4.34 -0.01	83.57 5.33 -0.01	68.36 4.31 0.00	59.50 3.66 0.00	64.35 3.90 -3.94	48.37 3.25 -0.01	49.83 3.84 -0.32	63.73 5.51 -0.02	63.37 5.14 0.00	46.68 3.48 0.00	181.61 5.99 -117.73	108.11 7.32 -29.56	110.10 6.35 -42.54	110.10 6.99 -34.39	102.93 7.19 -25.57	88.98 7.96 -1.80	109.53 10.23 0.00	133.31 11.51 -10.52	123.15 11.12 -3.13	112.87 9.87 -14.23	94.50 9.13 -2.88	110.71 7.82 -32.15	161.92 9.57 -65.74	200.49 9.09 -105.32
BARRETT___2 23546	65.52 4.34 -0.01	83.57 5.33 -0.01	68.36 4.31 0.00	59.50 3.66 0.00	64.35 3.90 -3.94	48.37 3.25 -0.01	49.79 3.84 -0.27	63.72 5.51 0.00	63.37 5.14 0.00	46.68 3.48 0.00	108.33 5.99 -44.45	108.11 7.32 -29.56	110.10 6.35 -42.54	110.10 6.99 -34.39	102.93 7.19 -25.57	88.98 7.96 -1.80	109.53 10.23 0.00	133.31 11.51 -10.52	123.15 11.12 -3.13	112.87 9.87 -14.23	94.50 9.13 -2.88	101.61 7.82 -23.05	140.97 9.57 -44.79	142.93 9.09 -47.75
BATAVIA__115KV_TB1 55881	56.90 -4.28 0.00	72.23 -5.84 0.15	58.21 -5.20 0.65	48.22 -4.81 2.82	47.02 -4.05 5.44	37.85 -2.42 4.83	40.03 -2.34 3.31	55.33 -2.88 0.00	55.32 -2.92 0.00	41.24 -1.95 0.00	54.71 -3.19 0.00	67.07 -4.07 0.08	55.77 -3.52 1.92	61.74 -4.39 2.59	63.83 -4.41 1.93	70.72 -4.67 3.83	93.92 -5.37 0.00	105.90 -5.98 -0.60	104.40 -4.99 -0.49	83.20 -4.44 1.14	67.26 -3.62 11.60	64.91 -3.43 2.40	83.78 -2.83 0.00	83.05 -3.03 0.00
BAYONEEC___CTG1 323682	64.61 3.43 0.00	82.35 4.13 0.00	67.59 3.53 0.00	58.82 2.98 0.00	59.52 3.00 0.00	47.60 2.50 0.00	48.77 3.09 0.00	62.98 4.77 0.00	63.00 4.78 0.00	46.57 3.37 0.00	66.46 5.40 -3.17	77.85 6.63 0.00	66.95 5.74 0.00	76.20 6.42 -1.06	76.84 6.68 0.00	88.54 7.54 -1.79	108.98 9.69 0.00	132.89 11.09 -10.52	122.50 10.47 -3.13	111.71 8.70 -14.22	92.60 8.16 -1.96	85.77 6.86 -8.17	94.69 8.08 0.00	93.54 7.45 0.00
BAYONEEC___CTG10 323750	64.61 3.43 0.00	82.35 4.13 0.00	67.59 3.53 0.00	58.82 2.98 0.00	59.52 3.00 0.00	47.60 2.50 0.00	48.77 3.09 0.00	62.98 4.77 0.00	63.00 4.78 0.00	46.57 3.37 0.00	66.46 5.40 -3.17	77.85 6.63 0.00	66.95 5.74 0.00	76.20 6.42 -1.06	76.84 6.68 0.00	88.54 7.54 -1.79	108.98 9.69 0.00	132.89 11.09 -10.52	122.50 10.47 -3.13	111.71 8.70 -14.22	92.60 8.16 -1.96	85.77 6.86 -8.17	94.69 8.08 0.00	93.54 7.45 0.00
BAYONEEC___CTG2 323683	64.61 3.43 0.00	82.35 4.13 0.00	67.59 3.53 0.00	58.82 2.98 0.00	59.52 3.00 0.00	47.60 2.50 0.00	48.77 3.09 0.00	62.98 4.77 0.00	63.00 4.78 0.00	46.57 3.37 0.00	66.46 5.40 -3.17	77.85 6.63 0.00	66.95 5.74 0.00	76.20 6.42 -1.06	76.84 6.68 0.00	88.54 7.54 -1.79	108.98 9.69 0.00	132.89 11.09 -10.52	122.50 10.47 -3.13	111.71 8.70 -14.22	92.60 8.16 -1.96	85.77 6.86 -8.17	94.69 8.08 0.00	93.54 7.45 0.00
BAYONEEC___CTG3 323684	64.61 3.43 0.00	82.35 4.13 0.00	67.59 3.53 0.00	58.82 2.98 0.00	59.52 3.00 0.00	47.60 2.50 0.00	48.77 3.09 0.00	62.98 4.77 0.00	63.00 4.78 0.00	46.57 3.37 0.00	66.46 5.40 -3.17	77.85 6.63 0.00	66.95 5.74 0.00	76.20 6.42 -1.06	76.84 6.68 0.00	88.54 7.54 -1.79	108.98 9.69 0.00	132.89 11.09 -10.52	122.50 10.47 -3.13	111.71 8.70 -14.22	92.60 8.16 -1.96	85.77 6.86 -8.17	94.69 8.08 0.00	93.54 7.45 0.00
BAYONEEC___CTG4 323685	64.61 3.43 0.00	82.35 4.13 0.00	67.59 3.53 0.00	58.82 2.98 0.00	59.52 3.00 0.00	47.60 2.50 0.00	48.77 3.09 0.00	62.98 4.77 0.00	63.00 4.78 0.00	46.57 3.37 0.00	66.46 5.40 -3.17	77.85 6.63 0.00	66.95 5.74 0.00	76.20 6.42 -1.06	76.84 6.68 0.00	88.54 7.54 -1.79	108.98 9.69 0.00	132.89 11.09 -10.52	122.50 10.47 -3.13	111.71 8.70 -14.22	92.60 8.16 -1.96	85.77 6.86 -8.17	94.69 8.08 0.00	93.54 7.45 0.00
BAYONEEC___CTG5 323686	64.61 3.43 0.00	82.35 4.13 0.00	67.59 3.53 0.00	58.82 2.98 0.00	59.52 3.00 0.00	47.60 2.50 0.00	48.77 3.09 0.00	62.98 4.77 0.00	63.00 4.78 0.00	46.57 3.37 0.00	66.46 5.40 -3.17	77.85 6.63 0.00	66.95 5.74 0.00	76.20 6.42 -1.06	76.84 6.68 0.00	88.54 7.54 -1.79	108.98 9.69 0.00	132.89 11.09 -10.52	122.50 10.47 -3.13	111.71 8.70 -14.22	92.60 8.16 -1.96	85.77 6.86 -8.17	94.69 8.08 0.00	93.54 7.45 0.00
BAYONEEC___CTG6 323687	64.61 3.43 0.00	82.35 4.13 0.00	67.59 3.53 0.00	58.82 2.98 0.00	59.52 3.00 0.00	47.60 2.50 0.00	48.77 3.09 0.00	62.98 4.77 0.00	63.00 4.78 0.00	46.57 3.37 0.00	66.46 5.40 -3.17	77.85 6.63 0.00	66.95 5.74 0.00	76.20 6.42 -1.06	76.84 6.68 0.00	88.54 7.54 -1.79	108.98 9.69 0.00	132.89 11.09 -10.52	122.50 10.47 -3.13	111.71 8.70 -14.22	92.60 8.16 -1.96	85.77 6.86 -8.17	94.69 8.08 0.00	93.54 7.45 0.00

BAYONEEC___CTG7 323688	64.61 3.43 0.00	82.35 4.13 0.00	67.59 3.53 0.00	58.82 2.98 0.00	59.52 3.00 0.00	47.60 2.50 0.00	48.77 3.09 0.00	62.98 4.77 0.00	63.00 4.78 0.00	46.57 3.37 0.00	66.46 5.40 -3.17	77.85 6.63 0.00	66.95 5.74 0.00	76.20 6.42 -1.06	76.84 6.68 0.00	88.54 7.54 -1.79	108.98 9.69 0.00	132.89 11.09 -10.52	122.50 10.47 -3.13	111.71 8.70 -14.22	92.60 8.16 -1.96	85.77 6.86 -8.17	94.69 8.08 0.00	93.54 7.45 0.00
BAYONEEC___CTG8 323689	64.61 3.43 0.00	82.35 4.13 0.00	67.59 3.53 0.00	58.82 2.98 0.00	59.52 3.00 0.00	47.60 2.50 0.00	48.77 3.09 0.00	62.98 4.77 0.00	63.00 4.78 0.00	46.57 3.37 0.00	66.46 5.40 -3.17	77.85 6.63 0.00	66.95 5.74 0.00	76.20 6.42 -1.06	76.84 6.68 0.00	88.54 7.54 -1.79	108.98 9.69 0.00	132.89 11.09 -10.52	122.50 10.47 -3.13	111.71 8.70 -14.22	92.60 8.16 -1.96	85.77 6.86 -8.17	94.69 8.08 0.00	93.54 7.45 0.00
BAYONEEC___CTG9 323749	64.61 3.43 0.00	82.35 4.13 0.00	67.59 3.53 0.00	58.82 2.98 0.00	59.52 3.00 0.00	47.60 2.50 0.00	48.77 3.09 0.00	62.98 4.77 0.00	63.00 4.78 0.00	46.57 3.37 0.00	66.46 5.40 -3.17	77.85 6.63 0.00	66.95 5.74 0.00	76.20 6.42 -1.06	76.84 6.68 0.00	88.54 7.54 -1.79	108.98 9.69 0.00	132.89 11.09 -10.52	122.50 10.47 -3.13	111.71 8.70 -14.22	92.60 8.16 -1.96	85.77 6.86 -8.17	94.69 8.08 0.00	93.54 7.45 0.00
BEACON___LESR 323632	63.82 2.64 0.00	81.50 3.27 0.00	66.85 2.80 0.00	58.26 2.42 0.00	59.03 2.52 0.00	47.07 1.97 0.00	47.75 2.07 0.00	61.21 3.01 0.00	61.13 2.90 0.00	45.13 1.94 0.00	60.54 2.64 0.00	74.74 3.52 0.00	64.23 3.02 0.00	72.13 3.41 0.00	73.91 3.75 0.00	85.96 4.31 -2.43	104.45 5.15 0.00	126.23 5.46 -9.49	122.72 5.67 -8.15	130.35 4.59 -36.98	92.18 4.60 -5.09	85.31 3.86 -10.70	91.29 4.68 0.00	91.01 4.92 0.00
BEAVER RIVER___HYD 24048	59.70 -1.48 0.00	76.87 -1.35 0.00	62.88 -1.18 0.00	54.59 -1.25 0.00	55.22 -1.29 0.00	43.90 -1.21 0.00	44.40 -1.28 0.00	57.08 -1.12 0.00	57.32 -0.91 0.00	42.68 -0.51 0.00	57.43 -0.47 0.00	70.19 -1.03 0.00	59.95 -1.26 0.00	66.89 -1.83 0.00	68.36 -1.80 0.00	77.51 -1.77 -0.07	97.93 -1.36 0.00	109.43 -1.86 0.00	107.65 -1.25 0.00	87.84 -0.93 0.00	81.24 -1.25 0.00	70.03 -1.03 -0.32	85.48 -1.13 0.00	85.57 -0.51 0.00
BEEBEE_GT_13 23619	57.63 -3.55 0.00	73.44 -4.79 0.00	59.89 -4.17 0.00	51.98 -3.86 0.00	53.02 -3.48 0.00	42.91 -2.20 0.00	43.59 -2.08 0.00	55.70 -2.51 0.00	55.77 -2.46 0.00	41.66 -1.53 0.00	55.56 -2.34 0.00	68.25 -2.97 0.00	58.49 -2.72 0.00	65.55 -3.17 0.00	66.80 -3.36 0.00	76.29 -3.41 -0.49	95.32 -3.97 0.00	107.23 -4.56 -0.51	105.42 -3.89 -0.42	87.18 -3.50 -1.90	79.67 -3.08 -0.26	69.06 -2.76 -1.08	84.25 -2.36 0.00	83.56 -2.53 0.00
BENSHRST_27_KV_BENSHRST_1 355998	109.54 4.50 -43.86	107.33 5.46 -23.64	74.88 4.53 -6.30	77.09 3.92 -17.32	75.68 3.95 -15.22	73.60 3.25 -25.25	75.06 3.93 -25.46	81.61 5.84 -17.55	80.46 5.87 -16.36	74.55 4.16 -27.19	81.82 6.33 -17.59	100.82 7.83 -21.76	100.56 6.75 -32.59	100.78 7.57 -24.49	101.07 7.86 -23.05	101.53 8.91 -13.41	147.39 11.52 -36.58	315.48 13.18 -191.02	362.89 12.57 -241.42	388.55 10.41 -289.37	357.02 9.84 -264.69	181.21 8.23 -102.23	129.06 9.67 -32.79	103.84 8.91 -8.84
BETHLEHEM___GRP 23843	62.90 1.73 0.00	80.47 2.24 0.00	66.03 1.97 0.00	57.52 1.68 0.00	58.25 1.74 0.00	46.24 1.14 0.00	46.95 1.27 0.00	60.12 1.91 0.00	60.10 1.87 0.00	44.45 1.25 0.00	59.67 1.78 0.00	73.45 2.23 0.00	63.13 1.92 0.00	70.94 2.22 0.00	72.66 2.50 0.00	84.40 2.75 -2.43	102.21 2.91 0.00	123.52 2.80 -9.43	120.11 3.08 -8.13	128.20 2.55 -36.88	90.32 2.76 -5.08	83.82 2.36 -10.71	89.49 2.88 0.00	89.24 3.15 0.00
BETHLEHEM___GS1 323560	62.90 1.73 0.00	80.47 2.24 0.00	66.03 1.97 0.00	57.52 1.68 0.00	58.24 1.73 0.00	46.24 1.14 0.00	46.94 1.27 0.00	60.10 1.89 0.00	60.10 1.87 0.00	44.44 1.25 0.00	59.68 1.78 0.00	73.45 2.23 0.00	63.13 1.92 0.00	70.94 2.21 0.00	72.66 2.50 0.00	84.36 2.71 -2.43	102.20 2.91 0.00	123.50 2.78 -9.43	120.10 3.07 -8.13	128.20 2.54 -36.88	90.32 2.75 -5.08	83.82 2.36 -10.71	89.49 2.88 0.00	89.24 3.15 0.00
BETHLEHEM___GS2 323561	62.90 1.73 0.00	80.47 2.24 0.00	66.03 1.97 0.00	57.52 1.68 0.00	58.24 1.73 0.00	46.24 1.14 0.00	46.94 1.27 0.00	60.10 1.89 0.00	60.10 1.87 0.00	44.44 1.25 0.00	59.68 1.78 0.00	73.45 2.23 0.00	63.13 1.92 0.00	70.94 2.21 0.00	72.66 2.50 0.00	84.36 2.71 -2.43	102.20 2.91 0.00	123.50 2.78 -9.43	120.10 3.07 -8.13	128.20 2.54 -36.88	90.32 2.75 -5.08	83.82 2.36 -10.71	89.49 2.88 0.00	89.24 3.15 0.00
BETHLEHEM___GS3 323562	62.90 1.73 0.00	80.47 2.24 0.00	66.03 1.97 0.00	57.52 1.68 0.00	58.24 1.73 0.00	46.24 1.14 0.00	46.94 1.27 0.00	60.10 1.89 0.00	60.10 1.87 0.00	44.44 1.25 0.00	59.68 1.78 0.00	73.45 2.23 0.00	63.13 1.92 0.00	70.94 2.21 0.00	72.66 2.50 0.00	84.36 2.71 -2.43	102.20 2.91 0.00	123.50 2.78 -9.43	120.10 3.07 -8.13	128.20 2.54 -36.88	90.32 2.75 -5.08	83.82 2.36 -10.71	89.49 2.88 0.00	89.24 3.15 0.00
BETHLEHEM___STEEL 23779	55.60 -5.58 0.00	70.54 -7.39 0.29	56.20 -6.61 1.25	44.38 -6.12 5.34	40.84 -5.47 10.19	32.45 -3.48 9.19	35.91 -3.46 6.30	53.83 -4.37 0.00	53.76 -4.47 0.00	39.94 -3.26 0.00	53.17 -4.72 0.00	65.12 -5.94 0.16	52.40 -5.22 3.60	57.96 -5.92 4.85	60.30 -6.25 3.61	65.33 -6.71 7.18	90.93 -8.36 0.00	102.36 -9.80 -0.88	100.77 -8.71 -0.58	77.48 -7.62 3.68	53.95 -6.62 21.92	59.44 -5.92 5.38	80.98 -5.63 0.00	80.25 -5.84 0.00
BETHLHEM_115KV_TB1 79974	62.91 1.74 0.00	80.47 2.24 0.00	66.03 1.97 0.00	57.53 1.69 0.00	58.25 1.75 0.00	46.26 1.15 0.00	46.97 1.29 0.00	60.13 1.93 0.00	60.14 1.91 0.00	44.47 1.28 0.00	59.73 1.84 0.00	73.50 2.29 0.00	63.18 1.97 0.00	70.98 2.26 0.00	72.69 2.53 0.00	84.47 2.82 -2.43	102.38 3.09 0.00	123.39 3.06 -9.05	120.02 3.27 -7.84	127.08 2.72 -35.57	90.22 2.84 -4.90	83.91 2.47 -10.70	89.59 2.98 0.00	89.29 3.20 0.00
BETHPAGE_CC_5 323564	65.66 4.47 -0.01	83.75 5.51 -0.01	68.54 4.48 0.00	59.63 3.79 0.00	63.92 4.02 -3.40	48.47 3.36 -0.01	49.67 3.94 -0.06	63.90 5.69 -0.01	63.68 5.45 0.00	46.83 3.64 0.00	76.13 6.24 -11.99	80.65 7.78 -1.65	72.55 6.75 -4.60	78.36 7.35 -2.29	78.40 7.46 -0.79	88.97 7.97 -1.79	109.75 10.45 0.00	133.84 12.03 -10.52	123.67 11.63 -3.14	113.07 10.04 -14.25	94.57 9.32 -2.76	97.21 8.00 -18.47	129.20 9.81 -32.78	120.69 9.37 -25.23
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	55.95 -5.23 0.00	71.01 -6.94 0.27	56.62 -6.26 1.17	44.99 -5.84 5.02	41.74 -5.18 9.59	33.26 -3.21 8.64	36.59 -3.16 5.93	54.24 -3.97 0.00	54.12 -4.11 0.00	40.08 -3.12 0.00	53.37 -4.53 0.00	65.41 -5.66 0.15	52.86 -4.97 3.38	58.54 -5.63 4.56	60.82 -5.94 3.39	66.01 -6.37 6.83	91.32 -7.97 0.00	102.82 -9.36 -0.90	101.19 -8.30 -0.59	78.28 -7.24 3.26	55.57 -6.32 20.60	60.08 -5.71 4.96	81.23 -5.38 0.00	80.49 -5.60 0.00

BINGHAMTON___COGEN 23790	60.80 -0.38 0.00	77.67 -0.60 -0.04	63.37 -0.85 -0.16	55.80 -0.74 -0.70	57.32 -0.52 -1.33	46.32 0.01 -1.21	46.76 0.25 -0.83	58.81 0.60 0.00	58.95 0.72 0.00	43.56 0.36 0.00	58.35 0.46 0.00	71.81 0.57 -0.02	62.10 0.42 -0.46	69.80 0.46 -0.63	71.12 0.50 -0.47	80.93 0.88 -0.84	100.35 1.05 0.00	114.14 0.98 -1.88	111.27 1.13 -1.25	96.04 0.79 -6.47	86.90 0.76 -3.66	74.74 0.29 -3.71	87.15 0.54 0.00	86.47 0.38 0.00
BIXINCNT_115KV_LOAD 355685	56.36 -4.82 0.00	72.08 -5.97 0.18	57.75 -5.53 0.78	46.53 -5.99 3.32	44.72 -5.44 6.35	36.38 -3.02 5.71	39.47 -2.28 3.92	55.93 -2.28 0.00	55.48 -2.75 0.00	40.43 -2.77 0.00	53.78 -4.12 0.00	65.92 -5.20 0.10	54.51 -4.46 2.24	60.94 -4.76 3.03	62.86 -5.04 2.25	68.80 -5.40 5.01	92.88 -6.41 0.00	104.72 -7.52 -0.96	103.41 -6.12 -0.63	82.18 -5.52 1.08	63.18 -5.79 13.52	62.56 -5.48 2.71	81.80 -4.81 0.00	81.01 -5.08 0.00
BLACK RIVER___HYD 24047	59.46 -1.72 0.00	76.55 -1.68 0.00	62.51 -1.55 0.00	54.18 -1.67 0.00	54.99 -1.52 0.00	43.89 -1.22 0.00	44.63 -1.04 0.00	57.46 -0.75 0.00	57.71 -0.52 0.00	43.00 -0.19 0.00	57.65 -0.25 0.00	70.31 -0.91 0.00	60.04 -1.18 0.00	67.04 -1.69 0.00	68.30 -1.85 0.00	77.78 -1.53 -0.10	98.67 -0.63 0.00	110.74 -0.54 0.00	109.13 0.23 0.00	88.97 0.20 0.00	82.12 -0.37 0.00	70.62 -0.57 -0.44	85.91 -0.70 0.00	85.82 -0.27 0.00
BLACKRVR_115KV_TB2 79977	59.46 -1.72 0.00	76.55 -1.68 0.00	62.51 -1.55 0.00	54.18 -1.66 0.00	54.98 -1.53 0.00	43.89 -1.22 0.00	44.63 -1.05 0.00	57.46 -0.75 0.00	57.71 -0.52 0.00	43.00 -0.20 0.00	57.65 -0.24 0.00	70.31 -0.91 0.00	60.04 -1.18 0.00	67.04 -1.69 0.00	68.30 -1.86 0.00	77.78 -1.54 -0.10	98.67 -0.63 0.00	110.74 -0.54 0.00	109.14 0.24 0.00	88.97 0.20 0.00	82.12 -0.37 0.00	70.62 -0.57 -0.44	85.91 -0.70 0.00	85.82 -0.27 0.00
BLISS_WT_PWR 323608	56.01 -5.16 0.00	71.72 -6.33 0.18	57.42 -5.86 0.78	46.03 -6.50 3.32	44.20 -5.95 6.35	36.05 -3.35 5.71	39.35 -2.41 3.92	55.92 -2.29 0.00	55.41 -2.82 0.00	40.28 -2.92 0.00	53.50 -4.40 0.00	65.55 -5.57 0.10	54.21 -4.75 2.24	60.69 -5.01 3.03	62.60 -5.30 2.25	68.48 -5.72 5.01	92.74 -6.56 0.00	104.60 -7.65 -0.96	103.47 -6.06 -0.63	82.15 -5.55 1.08	62.95 -6.02 13.52	62.31 -5.73 2.71	81.52 -5.08 0.00	80.75 -5.34 0.00
BLUESTONE___WT_PWR 323821	61.93 0.75 0.00	77.26 -0.96 0.00	62.64 -1.42 0.00	54.93 -0.92 0.00	55.97 -0.54 0.00	44.77 -0.34 0.00	46.32 0.64 0.00	60.21 2.01 0.00	60.48 2.25 0.00	45.19 1.99 0.00	60.65 2.75 0.00	73.97 2.75 0.00	64.34 3.13 0.00	71.65 2.93 0.00	73.01 2.85 0.00	83.06 3.48 -0.37	105.58 6.28 0.00	120.46 6.57 -2.61	116.87 6.15 -1.82	100.33 3.28 -8.27	85.20 1.58 -1.14	74.65 0.87 -3.04	87.26 0.65 0.00	86.34 0.25 0.00
BLUE_CIRC_CHEM_DRP 24182	63.19 2.01 0.00	80.91 2.69 0.00	66.37 2.32 0.00	57.84 2.00 0.00	58.59 2.08 0.00	46.51 1.40 0.00	47.22 1.54 0.00	60.37 2.17 0.00	60.26 2.03 0.00	44.47 1.28 0.00	59.76 1.87 0.00	73.56 2.33 0.00	63.21 2.00 0.00	71.05 2.33 0.00	72.79 2.63 0.00	84.65 3.05 -2.39	102.92 3.63 0.00	122.90 3.79 -7.82	119.41 3.91 -6.60	121.91 3.19 -29.95	89.75 3.14 -4.12	83.95 2.70 -10.50	89.94 3.33 0.00	89.58 3.49 0.00
BOC_GAS_DRP 24189	62.77 1.59 0.00	80.32 2.10 0.00	65.91 1.85 0.00	57.43 1.59 0.00	58.14 1.64 0.00	46.20 1.10 0.00	46.93 1.25 0.00	60.07 1.86 0.00	60.07 1.84 0.00	44.46 1.26 0.00	59.74 1.85 0.00	73.49 2.27 0.00	63.16 1.95 0.00	70.95 2.23 0.00	72.59 2.44 0.00	84.46 2.83 -2.42	102.67 3.38 0.00	121.77 3.56 -6.93	118.75 3.61 -6.24	120.08 3.00 -28.31	89.28 2.90 -3.90	83.92 2.53 -10.65	89.68 3.07 0.00	89.16 3.07 0.00
BOONVILLE_115KV_TB1 79983	61.64 0.46 0.00	79.08 0.86 0.00	64.72 0.66 0.00	56.31 0.47 0.00	57.02 0.52 0.00	45.58 0.47 0.00	46.26 0.58 0.00	59.29 1.08 0.00	59.47 1.24 0.00	44.15 0.95 0.00	59.26 1.37 0.00	72.78 1.56 0.00	62.19 0.98 0.00	69.81 1.09 0.00	71.31 1.15 0.00	80.85 1.58 -0.06	101.70 2.41 0.00	113.91 2.63 0.00	111.71 2.81 0.00	91.09 2.31 0.00	84.41 1.92 0.00	72.55 1.53 -0.28	88.38 1.77 0.00	87.92 1.84 0.00
BORALEX_4TH_BRANCH 23824	65.06 3.88 0.00	83.10 4.87 0.00	68.13 4.08 0.00	59.35 3.50 0.00	60.09 3.58 0.00	48.04 2.93 0.00	48.70 3.03 0.00	62.39 4.18 0.00	62.43 4.20 0.00	46.04 2.84 0.00	61.85 3.96 0.00	76.08 4.86 0.00	65.34 4.13 0.00	73.45 4.72 0.00	75.35 5.19 0.00	87.87 6.23 -2.43	107.04 7.75 0.00	133.54 8.63 -13.63	128.24 8.42 -10.92	145.34 7.02 -49.55	95.73 6.42 -6.82	86.96 5.54 -10.67	93.35 6.74 0.00	92.46 6.37 0.00
BOWLINE___1 23526	63.83 2.66 0.00	81.40 3.18 0.00	66.90 2.84 0.00	58.23 2.38 0.00	58.90 2.40 0.00	47.09 1.99 0.00	48.18 2.50 0.00	62.11 3.90 0.00	62.09 3.86 0.00	45.86 2.67 0.00	56.76 4.24 5.38	76.39 5.17 0.00	65.66 4.45 0.00	71.88 4.95 1.79	75.35 5.19 0.00	86.85 5.91 -1.73	107.03 7.74 0.00	130.23 8.90 -10.04	120.29 8.35 -3.04	109.57 6.99 -13.80	90.97 6.59 -1.90	84.20 5.54 -7.92	93.06 6.45 0.00	92.06 5.98 0.00
BOWLINE___2 23595	63.84 2.67 0.00	81.42 3.19 0.00	66.91 2.85 0.00	58.23 2.38 0.00	58.90 2.40 0.00	47.12 2.01 0.00	48.21 2.53 0.00	62.14 3.94 0.00	62.12 3.89 0.00	45.89 2.70 0.00	56.77 4.25 5.38	76.41 5.19 0.00	65.68 4.47 0.00	71.92 4.99 1.79	75.35 5.19 0.00	86.85 5.91 -1.73	107.03 7.74 0.00	130.25 8.92 -10.04	120.32 8.38 -3.04	109.57 6.99 -13.80	90.97 6.59 -1.90	84.20 5.54 -7.92	93.07 6.46 0.00	92.06 5.98 0.00
BRADY___115KV_TB2 356060	62.14 0.96 0.00	79.59 1.36 0.00	65.03 0.97 0.00	56.67 0.82 0.00	57.24 0.73 0.00	45.50 0.39 0.00	45.58 -0.10 0.00	57.71 -0.50 0.00	57.66 -0.57 0.00	42.81 -0.39 0.00	56.83 -1.07 0.00	69.72 -1.50 0.00	60.00 -1.21 0.00	67.28 -1.44 0.00	68.85 -1.31 0.00	77.51 -1.71 0.00	97.33 -1.96 0.00	107.88 -3.41 0.00	105.81 -3.08 0.00	86.20 -2.58 0.00	80.18 -2.31 0.00	69.46 -1.28 0.00	85.12 -1.49 0.00	85.56 -0.52 0.00
BRANSCOMB___SOLAR 323811	64.46 3.29 0.00	82.41 4.18 0.00	67.56 3.51 0.00	58.87 3.03 0.00	59.65 3.14 0.00	47.74 2.63 0.00	48.68 3.00 0.00	62.36 4.16 0.00	62.24 4.01 0.00	45.77 2.58 0.00	61.34 3.45 0.00	75.53 4.31 0.00	64.96 3.75 0.00	73.07 4.35 0.00	74.98 4.82 0.00	87.65 5.94 -2.50	107.02 7.73 0.00	136.63 8.67 -16.68	131.17 8.48 -13.80	158.34 7.00 -62.57	97.41 6.31 -8.61	87.03 5.27 -11.01	92.81 6.20 0.00	91.89 5.80 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	66.65 5.46 -0.01	85.01 6.77 -0.01	69.50 5.45 0.00	60.46 4.62 0.00	65.21 4.95 -3.75	49.22 4.11 -0.01	50.52 4.80 -0.04	65.03 6.81 -0.01	64.65 6.42 0.00	47.34 4.14 0.00	69.77 6.86 -5.02	79.26 8.49 0.45	70.32 7.37 -1.74	76.64 8.04 0.12	77.40 8.32 1.08	90.17 9.17 -1.79	111.65 12.35 0.00	136.17 14.36 -10.52	125.93 13.90 -3.14	115.09 12.05 -14.26	96.46 11.13 -2.85	98.72 9.40 -18.59	131.97 11.39 -33.98	118.76 10.84 -21.83



BRISTLHL_115KV_TB1 79998	59.03 -2.15 0.00	75.40 -2.83 0.00	61.67 -2.39 0.00	53.71 -2.14 0.00	54.46 -2.04 0.00	43.68 -1.43 0.00	44.43 -1.25 0.00	56.69 -1.52 0.00	56.75 -1.48 0.00	42.11 -1.09 0.00	56.27 -1.63 0.00	69.08 -2.14 0.00	59.23 -1.99 0.00	66.66 -2.06 0.00	68.09 -2.07 0.00	77.26 -2.11 -0.15	96.87 -2.42 0.00	108.68 -2.60 0.00	106.49 -2.41 0.00	86.77 -2.01 0.00	80.56 -1.93 0.00	69.59 -1.82 -0.67	84.43 -2.18 0.00	83.76 -2.32 0.00
BROOKHAVEN___DRP 24191	66.69 5.50 -0.01	84.98 6.74 -0.01	69.40 5.34 0.00	60.38 4.54 0.00	65.15 4.85 -3.79	49.12 4.01 -0.01	50.36 4.64 -0.04	64.83 6.61 -0.01	64.36 6.13 0.00	47.01 3.81 0.00	68.51 6.40 -4.22	78.44 7.90 0.69	69.48 6.85 -1.42	75.71 7.38 0.39	76.60 7.73 1.29	89.67 8.67 -1.79	111.31 12.01 0.00	135.94 14.14 -10.52	125.73 13.70 -3.14	114.97 11.93 -14.26	96.33 11.00 -2.85	98.53 9.20 -18.59	131.74 11.03 -34.10	118.15 10.62 -21.44
BROOKLYN_NAVY_YARD 23515	64.58 3.40 0.00	82.33 4.10 0.00	67.55 3.50 0.00	58.79 2.94 0.00	59.49 2.98 0.00	47.58 2.47 0.00	48.76 3.08 0.00	62.98 4.77 0.00	63.00 4.78 0.00	46.55 3.36 0.00	66.47 5.41 -3.17	77.92 6.70 0.00	67.01 5.80 0.00	76.25 6.47 -1.06	76.89 6.73 0.00	88.53 7.52 -1.79	108.95 9.65 0.00	132.84 11.04 -10.52	122.39 10.35 -3.13	111.59 8.59 -14.22	92.52 8.07 -1.96	85.66 6.75 -8.17	94.62 8.01 0.00	93.43 7.34 0.00
BROOKLYN___ARMY_DRP 323595	109.21 4.18 -43.86	106.94 5.07 -23.64	74.57 4.22 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.80 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.44 5.95 -17.59	100.36 7.38 -21.76	100.17 6.36 -32.59	100.34 7.13 -24.49	100.62 7.42 -23.05	101.02 8.40 -13.41	146.73 10.86 -36.58	314.71 12.41 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.44 9.26 -264.69	180.73 7.75 -102.23	128.50 9.10 -32.79	103.31 8.38 -8.84
BROOKVLE_69_KV_TB1 55790	65.65 4.46 0.00	83.72 5.49 -0.01	68.60 4.54 0.00	59.70 3.86 0.00	62.81 4.02 -2.28	48.47 3.36 0.00	49.73 3.98 -0.07	63.90 5.69 0.00	63.80 5.57 0.00	47.08 3.89 0.00	84.32 6.34 -20.09	83.05 7.82 -4.01	75.78 6.77 -7.80	81.24 7.52 -5.01	80.79 7.75 -2.88	89.43 8.42 -1.79	110.12 10.82 0.00	134.24 12.43 -10.52	123.89 11.86 -3.13	113.08 10.06 -14.24	94.39 9.41 -2.49	95.22 8.00 -16.47	121.61 9.81 -25.19	121.08 9.21 -25.78
BROOME_2_LFGE 323671	60.79 -0.38 0.00	77.67 -0.60 -0.04	63.37 -0.85 -0.16	55.81 -0.73 -0.70	57.30 -0.54 -1.33	46.32 0.01 -1.21	46.76 0.25 -0.83	58.81 0.60 0.00	58.94 0.71 0.00	43.56 0.36 0.00	58.35 0.45 0.00	71.81 0.57 -0.02	62.09 0.41 -0.46	69.81 0.45 -0.63	71.12 0.50 -0.47	80.92 0.87 -0.84	100.34 1.04 0.00	114.15 0.99 -1.88	111.25 1.11 -1.25	96.03 0.79 -6.47	86.89 0.74 -3.66	74.73 0.28 -3.71	87.14 0.53 0.00	86.47 0.38 0.00
BROOME___LFGE 323600	60.79 -0.38 0.00	77.67 -0.60 -0.04	63.37 -0.85 -0.16	55.81 -0.73 -0.70	57.30 -0.54 -1.33	46.32 0.01 -1.21	46.76 0.25 -0.83	58.81 0.60 0.00	58.94 0.71 0.00	43.56 0.36 0.00	58.35 0.45 0.00	71.81 0.57 -0.02	62.09 0.41 -0.46	69.81 0.45 -0.63	71.12 0.50 -0.47	80.92 0.87 -0.84	100.34 1.04 0.00	114.15 0.99 -1.88	111.25 1.11 -1.25	96.03 0.79 -6.47	86.89 0.74 -3.66	74.73 0.28 -3.71	87.14 0.53 0.00	86.47 0.38 0.00
BROWNFLS_115KV_TB_3_5 80003	60.17 -1.01 0.00	77.33 -0.90 0.00	63.24 -0.81 0.00	55.01 -0.84 0.00	55.50 -1.01 0.00	43.93 -1.18 0.00	44.07 -1.61 0.00	56.35 -1.85 0.00	56.47 -1.76 0.00	42.02 -1.17 0.00	56.30 -1.59 0.00	68.95 -2.27 0.00	59.06 -2.15 0.00	66.02 -2.70 0.00	67.47 -2.69 0.00	76.23 -3.03 -0.05	96.05 -3.25 0.00	106.81 -4.47 0.00	105.00 -3.90 0.00	85.64 -3.14 0.00	79.39 -3.09 0.00	68.90 -2.07 -0.22	84.47 -2.14 0.00	84.89 -1.20 0.00
BROWNSV1_27_KV_LOAD 356125	65.30 4.12 0.00	83.22 5.00 0.00	68.29 4.23 0.00	59.41 3.57 0.00	60.14 3.63 0.00	48.13 3.02 0.00	49.35 3.67 0.00	63.76 5.56 0.00	63.82 5.59 0.00	47.15 3.96 0.00	67.25 6.18 -3.17	78.82 7.60 0.00	67.78 6.57 0.00	77.12 7.35 -1.06	77.79 7.63 0.00	89.60 8.60 -1.79	110.40 11.10 0.00	134.47 12.67 -10.52	124.06 12.03 -3.13	112.99 9.99 -14.22	93.82 9.37 -1.96	86.73 7.81 -8.17	95.87 9.27 0.00	94.67 8.58 0.00
BURROWS___LYONSDAL 23803	61.05 -0.13 0.00	78.44 0.21 0.00	64.21 0.15 0.00	55.82 -0.03 0.00	56.51 0.00 0.00	45.10 -0.01 0.00	45.72 0.05 0.00	58.66 0.45 0.00	58.86 0.63 0.00	43.74 0.54 0.00	58.82 0.92 0.00	72.15 0.93 0.00	61.62 0.41 0.00	69.04 0.32 0.00	70.55 0.39 0.00	79.98 0.70 -0.07	100.70 1.41 0.00	112.75 1.46 0.00	110.66 1.77 0.00	90.28 1.50 0.00	83.60 1.12 0.00	71.88 0.85 -0.29	87.60 0.99 0.00	87.30 1.21 0.00
CAITHNESS_CC_1 323624	66.49 5.30 -0.01	84.73 6.49 -0.01	69.24 5.18 0.00	60.23 4.39 0.00	64.97 4.67 -3.79	48.98 3.86 -0.01	50.18 4.47 -0.04	64.60 6.39 -0.01	64.17 5.94 0.00	46.91 3.71 0.00	68.39 6.30 -4.20	78.32 7.80 0.69	69.40 6.78 -1.41	75.62 7.30 0.40	76.47 7.60 1.30	89.49 8.48 -1.79	110.94 11.65 0.00	135.49 13.69 -10.52	125.28 13.24 -3.14	114.61 11.57 -14.26	95.98 10.64 -2.85	98.24 8.90 -18.59	131.35 10.64 -34.11	117.89 10.38 -21.43
CALPINE BETH_PAGE_GT4 24209	65.54 4.36 -0.01	83.60 5.36 -0.01	68.42 4.37 0.00	59.54 3.69 0.00	63.67 3.93 -3.22	48.41 3.30 0.00	49.65 3.91 -0.06	63.85 5.63 0.00	63.62 5.39 0.00	46.81 3.61 0.00	79.51 6.28 -15.34	81.68 7.79 -2.67	73.94 6.75 -5.98	79.52 7.33 -3.47	79.29 7.44 -1.69	88.82 7.81 -1.79	109.60 10.30 0.00	133.67 11.86 -10.52	123.50 11.47 -3.14	112.93 9.91 -14.25	94.45 9.24 -2.72	97.19 8.06 -18.39	128.64 9.90 -32.13	122.23 9.33 -26.81
CALPINE_BETH_PAGE_GT_4 323586	65.55 4.37 -0.01	83.59 5.36 -0.01	68.42 4.37 0.00	59.54 3.70 0.00	63.64 3.91 -3.22	48.41 3.29 0.00	49.63 3.89 -0.06	63.84 5.63 0.00	63.62 5.39 0.00	46.81 3.61 0.00	79.50 6.27 -15.34	81.67 7.79 -2.67	73.94 6.75 -5.98	79.52 7.33 -3.47	79.29 7.44 -1.69	88.83 7.83 -1.79	109.60 10.30 0.00	133.67 11.86 -10.52	123.50 11.47 -3.14	112.93 9.90 -14.25	94.41 9.21 -2.72	97.14 8.01 -18.39	128.53 9.78 -32.13	122.23 9.33 -26.81
CALPINE_BP_GT1 23823	65.55 4.37 -0.01	83.59 5.36 -0.01	68.42 4.37 0.00	59.54 3.70 0.00	63.64 3.91 -3.22	48.41 3.29 0.00	49.63 3.89 -0.06	63.84 5.63 0.00	63.62 5.39 0.00	46.81 3.61 0.00	79.50 6.27 -15.34	81.67 7.79 -2.67	73.94 6.75 -5.98	79.52 7.33 -3.47	79.29 7.44 -1.69	88.83 7.83 -1.79	109.60 10.30 0.00	133.67 11.86 -10.52	123.50 11.47 -3.14	112.93 9.90 -14.25	94.41 9.21 -2.72	97.14 8.01 -18.39	128.53 9.78 -32.13	122.23 9.33 -26.81
CALSPAN___DRP 24200	55.60 -5.58 0.00	70.54 -7.39 0.29	56.20 -6.61 1.25	44.38 -6.12 5.34	40.84 -5.47 10.19	32.45 -3.48 9.19	35.91 -3.46 6.30	53.83 -4.37 0.00	53.76 -4.47 0.00	39.94 -3.26 0.00	53.17 -4.72 0.00	65.12 -5.94 0.16	52.40 -5.22 3.60	57.96 -5.92 4.85	60.30 -6.25 3.61	65.33 -6.71 7.18	90.93 -8.36 0.00	102.36 -9.80 -0.88	100.77 -8.71 -0.58	77.48 -7.62 3.68	53.95 -6.62 21.92	59.44 -5.92 5.38	80.98 -5.63 0.00	80.25 -5.84 0.00

CALVERTON___SOLAR 323806	66.89 5.71 -0.01	85.21 6.97 -0.01	69.58 5.52 0.00	60.54 4.69 0.00	65.28 4.99 -3.79	49.26 4.15 -0.01	50.48 4.76 -0.04	64.99 6.78 -0.01	64.51 6.28 0.00	47.06 3.87 0.00	68.59 6.47 -4.22	78.54 8.00 0.68	69.57 6.93 -1.42	75.78 7.45 0.39	76.69 7.81 1.29	89.83 8.83 -1.79	111.61 12.31 0.00	136.34 14.53 -10.52	126.13 14.10 -3.14	115.29 12.25 -14.26	96.60 11.26 -2.85	98.71 9.37 -18.59	131.88 11.17 -34.10	118.39 10.86 -21.44
CANDIGU_WT_PWR 323617	56.89 -4.28 0.00	70.82 -5.80 1.60	51.72 -5.41 6.92	21.60 -4.72 29.53	-4.14 -4.47 56.17	-8.38 -2.59 50.90	8.48 -2.25 34.96	55.84 -2.37 0.00	56.17 -2.06 0.00	41.55 -1.64 0.00	55.23 -2.67 0.00	66.50 -3.85 0.87	37.85 -3.74 19.62	37.92 -4.36 26.45	46.22 -4.26 19.69	45.63 -3.97 29.61	94.61 -4.69 0.00	106.81 -5.68 -1.21	104.60 -5.11 -0.81	53.42 -4.54 30.82	-42.40 -3.76 121.12	31.42 -4.01 35.32	81.99 -4.62 0.00	81.21 -4.88 0.00
CARR STREET_E_SYR 24060	59.67 -1.51 0.00	76.21 -2.02 0.00	62.27 -1.79 0.00	54.23 -1.62 0.00	55.04 -1.47 0.00	44.22 -0.89 0.00	45.03 -0.65 0.00	57.52 -0.69 0.00	57.62 -0.61 0.00	42.74 -0.46 0.00	57.17 -0.72 0.00	70.24 -0.99 0.00	60.27 -0.94 0.00	67.69 -1.03 0.00	69.16 -1.00 0.00	78.53 -0.88 -0.19	98.39 -0.90 0.00	110.29 -1.00 0.00	108.06 -0.83 0.00	87.96 -0.82 0.00	81.68 -0.81 0.00	70.70 -0.88 -0.84	85.64 -0.97 0.00	84.95 -1.13 0.00
CARTHAGE___PAPER 23857	60.08 -1.09 0.00	77.39 -0.84 0.00	63.25 -0.81 0.00	54.87 -0.97 0.00	55.58 -0.93 0.00	44.30 -0.81 0.00	44.89 -0.79 0.00	57.74 -0.47 0.00	57.98 -0.25 0.00	43.17 -0.02 0.00	57.90 0.00 0.00	70.64 -0.58 0.00	60.33 -0.89 0.00	67.37 -1.35 0.00	68.76 -1.40 0.00	78.09 -1.22 -0.09	99.02 -0.28 0.00	110.88 -0.41 0.00	109.13 0.23 0.00	89.00 0.22 0.00	82.24 -0.25 0.00	70.84 -0.30 -0.39	86.27 -0.34 0.00	86.31 0.22 0.00
CASSADAGA_WT_PWR 323784	55.41 -5.76 0.00	70.86 -7.15 0.22	56.67 -6.45 0.94	46.23 -5.60 4.00	44.16 -4.70 7.64	35.41 -2.81 6.89	37.91 -3.04 4.73	54.17 -4.04 0.00	53.80 -4.43 0.00	39.86 -3.34 0.00	53.34 -4.55 0.00	65.78 -5.33 0.12	53.80 -4.71 2.70	60.08 -5.00 3.64	62.84 -4.61 2.71	68.48 -4.98 5.76	92.96 -6.34 0.00	104.95 -7.27 -0.93	102.90 -6.61 -0.61	79.58 -7.23 1.96	60.09 -6.03 16.36	61.04 -6.09 3.61	80.27 -6.34 0.00	78.90 -7.19 0.00
CE_DUNWOOD___DRP 24194	64.53 3.35 0.00	82.30 4.07 0.00	67.58 3.52 0.00	58.81 2.96 0.00	59.52 3.01 0.00	47.59 2.48 0.00	48.69 3.02 0.00	62.79 4.58 0.00	62.79 4.56 0.00	46.39 3.19 0.00	66.29 5.00 -3.39	77.34 6.12 0.00	66.48 5.27 0.00	75.74 5.89 -1.13	76.32 6.16 0.00	87.98 6.99 -1.78	108.41 9.12 0.00	132.22 10.45 -10.49	121.91 9.88 -3.13	111.20 8.22 -14.20	92.16 7.72 -1.95	85.36 6.47 -8.15	94.25 7.64 0.00	93.19 7.10 0.00
CE_MILLWOOD___DRP 24193	64.40 3.23 0.00	82.14 3.92 0.00	67.45 3.39 0.00	58.71 2.87 0.00	59.41 2.90 0.00	47.50 2.39 0.00	48.59 2.91 0.00	62.66 4.45 0.00	62.64 4.41 0.00	46.28 3.08 0.00	66.24 4.83 -3.51	77.12 5.91 0.00	66.29 5.08 0.00	75.58 5.68 -1.17	76.09 5.94 0.00	87.74 6.75 -1.78	108.11 8.82 0.00	131.84 10.11 -10.44	121.57 9.56 -3.12	110.89 7.96 -14.16	91.91 7.48 -1.95	85.14 6.27 -8.13	93.99 7.38 0.00	92.95 6.86 0.00
CE_NYC2_DRP 24202	64.96 3.77 -0.01	82.81 4.58 -0.01	67.93 3.87 0.00	59.16 3.31 -0.01	59.86 3.34 -0.01	47.85 2.74 0.00	49.02 3.34 0.00	63.30 5.09 0.00	63.35 5.12 0.00	46.83 3.63 0.00	67.30 5.72 -3.68	79.19 7.04 -0.93	68.78 6.10 -1.47	77.28 6.80 -1.75	77.52 7.08 -0.28	89.06 7.95 -1.89	109.59 10.29 -0.01	133.92 11.75 -10.89	123.18 11.14 -3.14	112.26 9.25 -14.23	93.14 8.70 -1.96	86.17 7.25 -8.17	95.25 8.63 0.00	94.06 7.97 0.00
CE_NYC_DRP 24195	64.69 3.52 0.00	82.46 4.24 0.00	67.67 3.61 0.00	58.89 3.05 0.00	59.60 3.09 0.00	47.68 2.57 0.00	48.86 3.18 0.00	63.10 4.89 0.00	63.16 4.93 0.00	46.69 3.49 0.00	66.61 5.55 -3.17	78.04 6.82 0.00	67.13 5.92 0.00	76.40 6.62 -1.06	77.05 6.89 0.00	88.74 7.74 -1.79	109.26 9.97 0.00	133.16 11.36 -10.52	122.75 10.72 -3.13	111.92 8.92 -14.22	92.84 8.40 -1.96	85.93 7.01 -8.17	94.85 8.24 0.00	93.70 7.61 0.00
CHAFFEE___LFGE 323603	56.25 -4.93 0.00	71.44 -6.55 0.24	57.07 -5.98 1.01	46.04 -5.49 4.32	43.47 -4.79 8.25	34.78 -2.89 7.43	37.66 -2.93 5.10	54.55 -3.66 0.00	54.45 -3.78 0.00	40.35 -2.85 0.00	53.72 -4.18 0.00	65.87 -5.22 0.13	53.73 -4.57 2.91	59.63 -5.16 3.93	61.75 -5.49 2.92	67.22 -5.91 6.09	91.92 -7.37 0.00	103.47 -8.74 -0.92	101.80 -7.71 -0.61	79.65 -6.76 2.36	59.10 -5.70 17.68	61.46 -5.25 4.03	81.58 -5.03 0.00	80.88 -5.21 0.00
CHATEAUG_35_KV_LOAD 355732	64.90 -1.12 -4.84	76.89 -1.34 0.00	63.20 -0.86 0.00	55.18 -0.66 0.00	55.56 -0.95 0.00	44.21 -0.90 0.00	44.40 -1.28 0.00	56.24 -1.97 0.00	56.30 -1.93 0.00	41.82 -1.37 0.00	55.84 -2.06 0.00	68.60 -2.62 0.00	58.95 -2.26 0.00	66.46 -2.26 0.00	67.96 -2.20 0.00	76.42 -2.80 0.00	95.83 -3.47 0.00	106.47 -4.81 0.00	104.06 -4.84 0.00	85.15 -3.63 0.00	78.93 -3.56 0.00	68.29 -2.45 0.00	83.48 -3.13 0.00	83.81 -2.28 0.00
CHATEAUG_WT_PWR 323614	12.66 -1.61 46.91	76.34 -1.89 0.00	62.88 -1.18 0.00	54.81 -1.03 0.00	55.19 -1.32 0.00	43.90 -1.21 0.00	44.11 -1.57 0.00	55.86 -2.35 0.00	55.92 -2.31 0.00	41.52 -1.68 0.00	55.53 -2.36 0.00	68.42 -2.80 0.00	58.87 -2.35 0.00	66.29 -2.43 0.00	67.87 -2.29 0.00	76.33 -2.88 0.00	95.60 -3.69 0.00	106.14 -5.14 0.00	103.64 -5.25 0.00	84.89 -3.89 0.00	78.62 -3.86 0.00	68.07 -2.67 0.00	83.30 -3.31 0.00	83.65 -2.44 0.00
CHAT_HIGH_FALL_HYD 323578	64.90 -1.12 -4.84	76.89 -1.34 0.00	63.20 -0.86 0.00	55.18 -0.66 0.00	55.56 -0.95 0.00	44.21 -0.90 0.00	44.40 -1.28 0.00	56.24 -1.97 0.00	56.30 -1.93 0.00	41.82 -1.37 0.00	55.84 -2.06 0.00	68.60 -2.62 0.00	58.95 -2.26 0.00	66.46 -2.26 0.00	67.96 -2.20 0.00	76.42 -2.80 0.00	95.83 -3.47 0.00	106.47 -4.81 0.00	104.06 -4.84 0.00	85.15 -3.63 0.00	78.93 -3.56 0.00	68.29 -2.45 0.00	83.48 -3.13 0.00	83.81 -2.28 0.00
CHAUTAUQUA___LFGE 323629	55.42 -5.76 0.00	70.57 -7.38 0.27	56.20 -6.69 1.17	44.74 -6.11 4.99	41.71 -5.28 9.52	33.34 -3.17 8.59	36.53 -3.25 5.90	53.99 -4.22 0.00	53.77 -4.46 0.00	39.96 -3.24 0.00	53.35 -4.54 0.00	65.54 -5.54 0.15	53.02 -4.83 3.36	58.85 -5.34 4.53	61.46 -5.32 3.37	66.70 -5.72 6.80	92.14 -7.15 0.00	103.87 -8.32 -0.90	101.98 -7.51 -0.60	78.17 -7.40 3.20	55.75 -6.28 20.45	59.96 -5.88 4.91	80.75 -5.86 0.00	79.61 -6.47 0.00
CHERRYST_13_KV_LD 356241	64.85 3.68 0.00	82.67 4.44 0.00	67.84 3.79 0.00	59.05 3.20 0.00	59.76 3.25 0.00	47.81 2.70 0.00	49.00 3.33 0.00	63.28 5.08 0.00	63.35 5.12 0.00	46.84 3.65 0.00	66.84 5.78 -3.17	78.32 7.10 0.00	67.38 6.17 0.00	76.67 6.89 -1.06	77.32 7.16 0.00	89.05 8.04 -1.79	109.64 10.35 0.00	133.59 11.79 -10.52	123.14 11.11 -3.13	112.21 9.21 -14.22	93.10 8.65 -1.96	86.14 7.23 -8.17	95.10 8.49 0.00	93.92 7.84 0.00

CHESTROR_138KV_BK263 355645	63.84 2.66 0.00	81.46 3.23 0.00	66.90 2.84 0.00	58.24 2.39 0.00	58.93 2.42 0.00	47.10 2.00 0.00	48.15 2.47 0.00	61.98 3.78 0.00	61.98 3.75 0.00	45.78 2.58 0.00	58.46 3.98 3.42	76.07 4.85 0.00	65.36 4.15 0.00	72.22 4.64 1.14	75.05 4.89 0.00	86.51 5.65 -1.65	106.76 7.47 0.00	129.27 8.58 -9.41	119.93 8.11 -2.92	108.78 6.75 -13.26	90.66 6.35 -1.83	83.65 5.32 -7.59	92.84 6.23 0.00	91.87 5.78 0.00
CH_MIDHUDSON___DRP 24192	64.83 3.65 0.00	82.70 4.48 0.00	67.90 3.84 0.00	59.10 3.25 0.00	59.84 3.33 0.00	47.81 2.70 0.00	48.88 3.21 0.00	63.01 4.80 0.00	62.99 4.76 0.00	46.51 3.32 0.00	62.95 5.06 0.00	77.31 6.09 0.00	66.48 5.27 0.00	74.66 5.94 0.00	76.40 6.24 0.00	88.20 7.17 -1.82	108.73 9.43 0.00	132.69 10.83 -10.57	122.55 10.38 -3.27	112.16 8.57 -14.82	92.53 8.01 -2.04	85.74 6.70 -8.30	94.56 7.95 0.00	93.49 7.40 0.00
CH_MISC_IPPS 23765	65.17 4.00 0.00	83.11 4.88 0.00	68.22 4.17 0.00	59.38 3.54 0.00	60.12 3.61 0.00	48.10 2.99 0.00	49.24 3.56 0.00	63.45 5.24 0.00	63.44 5.21 0.00	46.78 3.59 0.00	63.30 5.41 0.00	77.74 6.52 0.00	66.83 5.62 0.00	75.07 6.35 0.00	76.85 6.69 0.00	88.74 7.74 -1.78	109.51 10.21 0.00	133.35 11.76 -10.30	123.38 11.27 -3.21	112.63 9.31 -14.55	93.15 8.66 -2.00	86.11 7.22 -8.15	95.16 8.54 0.00	94.02 7.94 0.00
CH_RES_BVR_FALLS 23983	60.52 -0.66 0.00	77.54 -0.68 0.00	63.61 -0.45 0.00	55.48 -0.37 0.00	56.03 -0.48 0.00	44.50 -0.61 0.00	44.72 -0.96 0.00	56.80 -1.41 0.00	56.90 -1.33 0.00	42.45 -0.74 0.00	56.82 -1.07 0.00	69.91 -1.31 0.00	60.02 -1.19 0.00	67.34 -1.38 0.00	68.62 -1.54 0.00	77.19 -2.03 0.00	96.64 -2.65 0.00	108.11 -3.18 0.00	105.83 -3.07 0.00	86.34 -2.44 0.00	80.26 -2.23 0.00	69.08 -1.66 0.00	84.49 -2.11 0.00	84.35 -1.73 0.00
CH_RES_NIAGARA 23895	53.60 -7.57 0.00	68.11 -9.90 0.22	54.55 -8.55 0.96	43.87 -7.88 4.09	41.43 -7.29 7.79	32.97 -5.08 7.06	35.49 -5.34 4.85	51.25 -6.96 0.00	51.29 -6.94 0.00	38.49 -4.70 0.00	51.22 -6.68 0.00	62.72 -8.38 0.12	51.06 -7.39 2.76	56.56 -8.44 3.72	58.46 -8.93 2.77	63.16 -9.80 6.25	87.21 -12.09 0.00	98.06 -14.03 -0.81	96.69 -12.74 -0.54	75.49 -10.86 2.43	55.96 -9.74 16.78	58.63 -8.21 3.90	78.72 -7.89 0.00	78.25 -7.84 0.00
CH_RES_SYRACUSE 23985	60.38 -0.79 0.00	77.11 -1.11 0.00	62.98 -1.08 0.00	54.86 -0.98 0.00	55.68 -0.83 0.00	44.77 -0.34 0.00	45.57 -0.10 0.00	58.21 0.00 0.00	58.36 0.13 0.00	43.23 0.03 0.00	57.79 -0.11 0.00	70.97 -0.25 0.00	60.95 -0.26 0.00	68.44 -0.28 0.00	69.92 -0.24 0.00	79.48 0.04 -0.22	99.60 0.30 0.00	111.68 0.40 0.00	109.40 0.50 0.00	89.07 0.30 0.00	82.62 0.14 0.00	71.60 -0.11 -0.97	86.58 -0.03 0.00	85.87 -0.22 0.00
CLINTON_WT_PWR 323605	12.66 -1.61 46.91	76.34 -1.89 0.00	62.88 -1.18 0.00	54.81 -1.03 0.00	55.19 -1.32 0.00	43.90 -1.21 0.00	44.11 -1.57 0.00	55.86 -2.35 0.00	55.92 -2.31 0.00	41.52 -1.68 0.00	55.53 -2.36 0.00	68.42 -2.80 0.00	58.87 -2.35 0.00	66.29 -2.43 0.00	67.87 -2.29 0.00	76.33 -2.88 0.00	95.60 -3.69 0.00	106.14 -5.14 0.00	103.64 -5.25 0.00	84.89 -3.89 0.00	78.62 -3.86 0.00	68.07 -2.67 0.00	83.30 -3.31 0.00	83.65 -2.44 0.00
CLINTON___LFGE 323618	95.06 -0.74 -34.61	77.42 -0.81 0.00	63.64 -0.42 0.00	55.64 -0.20 0.00	56.04 -0.47 0.00	44.69 -0.42 0.00	44.96 -0.72 0.00	56.79 -1.41 0.00	56.86 -1.37 0.00	42.15 -1.05 0.00	56.47 -1.43 0.00	69.30 -1.92 0.00	59.56 -1.65 0.00	67.25 -1.47 0.00	69.01 -1.15 0.00	77.70 -1.52 0.00	97.41 -1.88 0.00	107.77 -3.52 0.00	105.38 -3.52 0.00	86.53 -2.25 0.00	79.91 -2.57 0.00	69.21 -1.53 0.00	84.66 -1.95 0.00	85.17 -0.91 0.00
COBBLENY_34_KV_TB1 80064	56.25 -4.93 0.00	71.42 -6.57 0.24	57.07 -5.98 1.01	46.00 -5.53 4.32	43.40 -4.85 8.25	34.73 -2.94 7.43	37.63 -2.95 5.10	54.52 -3.68 0.00	54.44 -3.79 0.00	40.33 -2.86 0.00	53.72 -4.18 0.00	65.87 -5.22 0.13	53.72 -4.58 2.91	59.59 -5.21 3.93	61.70 -5.54 2.92	67.23 -5.90 6.09	91.87 -7.43 0.00	103.45 -8.76 -0.92	101.80 -7.70 -0.61	79.66 -6.75 2.36	59.01 -5.79 17.68	61.42 -5.29 4.03	81.61 -5.00 0.00	80.88 -5.21 0.00
COFFEEN___115KV_TB3 355620	59.90 -1.28 0.00	77.10 -1.13 0.00	62.94 -1.12 0.00	54.56 -1.28 0.00	55.39 -1.12 0.00	44.29 -0.82 0.00	45.07 -0.61 0.00	58.06 -0.15 0.00	58.30 0.07 0.00	43.44 0.24 0.00	58.17 0.28 0.00	70.93 -0.29 0.00	60.52 -0.69 0.00	67.55 -1.17 0.00	68.83 -1.33 0.00	78.41 -0.91 -0.10	99.67 0.37 0.00	111.97 0.69 0.00	110.32 1.42 0.00	89.94 1.17 0.00	83.02 0.53 0.00	71.33 0.14 -0.45	86.65 0.04 0.00	86.47 0.39 0.00
COLDSPRG_115KV_BK1 355956	57.78 -3.40 0.00	73.77 -4.32 0.13	59.41 -4.08 0.57	49.73 -3.67 2.45	48.90 -2.92 4.69	39.65 -1.24 4.21	41.51 -1.27 2.89	56.46 -1.75 0.00	56.12 -2.11 0.00	41.31 -1.89 0.00	55.27 -2.63 0.00	67.74 -3.40 0.07	56.94 -2.61 1.66	63.70 -2.78 2.24	65.75 -2.74 1.67	72.19 -2.92 4.11	95.03 -4.27 0.00	107.01 -5.25 -0.98	104.86 -4.68 -0.64	84.01 -4.75 0.01	68.68 -3.89 9.91	64.99 -4.18 1.58	82.74 -3.87 0.00	81.78 -4.31 0.00
COLONIE_LFGE___ 323577	63.92 2.74 0.00	81.71 3.48 0.00	67.00 2.94 0.00	58.38 2.54 0.00	59.11 2.60 0.00	47.17 2.07 0.00	47.95 2.27 0.00	61.40 3.20 0.00	61.37 3.14 0.00	45.33 2.14 0.00	60.82 2.92 0.00	74.80 3.58 0.00	64.29 3.08 0.00	72.27 3.54 0.00	74.05 3.89 0.00	86.46 4.77 -2.47	105.30 6.01 0.00	132.98 6.72 -14.98	127.89 6.61 -12.39	150.43 5.46 -56.19	95.16 4.94 -7.73	85.82 4.21 -10.87	91.64 5.04 0.00	90.89 4.80 0.00
COOPERNY_115KV_TB1 80082	63.05 1.88 0.00	80.51 2.28 0.00	66.08 2.02 0.00	57.54 1.70 0.00	58.24 1.73 0.00	46.53 1.43 0.00	47.48 1.81 0.00	60.99 2.79 0.00	61.00 2.77 0.00	45.12 1.92 0.00	59.24 2.96 1.62	74.82 3.60 0.00	64.28 3.07 0.00	71.62 3.43 0.54	73.78 3.62 0.00	84.72 4.17 -1.33	104.80 5.51 0.00	124.43 6.27 -6.87	117.30 5.98 -2.42	104.74 4.98 -10.98	88.68 4.68 -1.51	80.88 3.90 -6.23	91.16 4.55 0.00	90.29 4.20 0.00
COPENHAGEN_WT_PWR 323753	58.68 -2.50 0.00	75.67 -2.56 0.00	61.76 -2.30 0.00	53.47 -2.38 0.00	54.30 -2.21 0.00	43.27 -1.84 0.00	43.99 -1.68 0.00	56.65 -1.56 0.00	56.88 -1.36 0.00	42.38 -0.81 0.00	56.98 -0.91 0.00	69.48 -1.74 0.00	59.31 -1.90 0.00	66.19 -2.53 0.00	67.46 -2.71 0.00	76.88 -2.44 -0.11	97.39 -1.90 0.00	109.28 -2.01 0.00	107.73 -1.17 0.00	87.82 -0.96 0.00	81.01 -1.48 0.00	69.69 -1.52 -0.46	84.89 -1.72 0.00	84.94 -1.15 0.00
CORNELL_____ 23752	61.71 0.54 0.00	78.73 0.50 0.00	64.18 0.12 0.00	55.91 0.06 0.00	56.81 0.30 0.00	45.79 0.69 0.00	46.74 1.06 0.00	59.87 1.67 0.00	60.04 1.82 0.00	44.39 1.19 0.00	59.21 1.31 0.00	72.66 1.44 0.00	62.26 1.05 0.00	70.04 1.32 0.00	71.61 1.46 0.00	81.67 2.18 -0.27	102.43 3.14 0.00	116.25 3.65 -1.31	113.59 3.82 -0.87	95.61 2.87 -3.96	85.53 2.50 -0.54	74.44 1.72 -1.97	88.72 2.11 0.00	87.92 1.83 0.00

CORONA_69_KV_TB1 355595	65.83 4.65 0.00	83.98 5.74 -0.01	68.72 4.67 0.00	59.79 3.95 0.00	63.59 4.18 -2.90	48.60 3.49 -0.01	50.01 4.14 -0.20	64.13 5.91 -0.01	63.86 5.63 0.00	47.05 3.86 0.00	138.68 6.43 -74.35	97.09 7.93 -17.94	94.79 6.84 -26.74	97.34 7.59 -21.02	93.24 7.83 -15.25	89.60 8.59 -1.80	110.47 11.18 0.00	134.45 12.64 -10.52	124.24 12.21 -3.13	113.53 10.52 -14.23	94.90 9.78 -2.64	103.45 8.31 -24.40	141.82 10.11 -45.11	164.27 9.60 -68.58
CORTLAND_115KV_TB3 80093	61.26 0.08 0.00	78.24 0.02 0.00	63.80 -0.25 0.00	55.59 -0.25 0.00	56.46 -0.05 0.00	45.44 0.34 0.00	46.34 0.66 0.00	59.29 1.09 0.00	59.45 1.22 0.00	43.96 0.76 0.00	58.77 0.87 0.00	72.22 1.01 0.00	61.93 0.72 0.00	69.62 0.90 0.00	71.13 0.97 0.00	80.92 1.47 -0.24	101.34 2.05 0.00	114.59 2.29 -1.02	112.00 2.43 -0.67	93.64 1.82 -3.04	84.52 1.62 -0.42	73.42 1.06 -1.62	87.94 1.33 0.00	87.20 1.11 0.00
COXSACKIE___GT 23611	65.84 4.66 0.00	84.16 5.94 0.00	69.01 4.95 0.00	60.17 4.32 0.00	61.02 4.51 0.00	48.59 3.48 0.00	49.49 3.81 0.00	63.53 5.32 0.00	63.41 5.18 0.00	46.22 3.02 0.00	61.69 3.79 0.00	76.06 4.84 0.00	65.40 4.19 0.00	73.61 4.89 0.00	75.88 5.72 0.00	88.28 6.84 -2.23	108.11 8.82 0.00	130.45 10.50 -8.66	125.77 10.49 -6.38	125.90 8.19 -28.93	94.31 7.84 -3.98	87.26 6.45 -10.06	94.38 7.77 0.00	93.96 7.87 0.00
CPV_VALLEY___CC1 323721	63.29 2.12 0.00	80.78 2.55 0.00	66.34 2.28 0.00	57.75 1.90 0.00	58.43 1.92 0.00	46.70 1.60 0.00	47.72 2.04 0.00	61.38 3.18 0.00	61.38 3.15 0.00	45.37 2.18 0.00	59.09 3.44 2.25	75.39 4.17 0.00	64.79 3.58 0.00	71.98 4.00 0.75	74.38 4.22 0.00	85.57 4.82 -1.54	105.66 6.37 0.00	127.08 7.29 -8.51	118.52 6.89 -2.73	106.91 5.75 -12.39	89.59 5.40 -1.71	82.38 4.54 -7.09	91.91 5.30 0.00	90.95 4.86 0.00
CPV_VALLEY___CC2 323722	63.29 2.12 0.00	80.78 2.55 0.00	66.34 2.28 0.00	57.75 1.90 0.00	58.43 1.92 0.00	46.70 1.60 0.00	47.72 2.04 0.00	61.38 3.18 0.00	61.38 3.15 0.00	45.37 2.18 0.00	59.09 3.44 2.25	75.39 4.17 0.00	64.79 3.58 0.00	71.98 4.00 0.75	74.38 4.22 0.00	85.57 4.82 -1.54	105.66 6.37 0.00	127.08 7.29 -8.51	118.52 6.89 -2.73	106.91 5.75 -12.39	89.59 5.40 -1.71	82.38 4.54 -7.09	91.91 5.30 0.00	90.95 4.86 0.00
CRESCENT___HYD 24018	63.92 2.74 0.00	81.71 3.48 0.00	67.00 2.94 0.00	58.38 2.54 0.00	59.11 2.60 0.00	47.17 2.07 0.00	47.95 2.27 0.00	61.40 3.20 0.00	61.37 3.14 0.00	45.33 2.14 0.00	60.82 2.92 0.00	74.80 3.58 0.00	64.29 3.08 0.00	72.27 3.54 0.00	74.05 3.89 0.00	86.46 4.77 -2.47	105.30 6.01 0.00	132.98 6.72 -14.98	127.89 6.61 -12.39	150.43 5.46 -56.19	95.16 4.94 -7.73	85.82 4.21 -10.87	91.64 5.04 0.00	90.89 4.80 0.00
CRICKET___VALLEY_CC1 323756	64.35 3.18 0.00	82.09 3.86 0.00	67.39 3.34 0.00	58.67 2.83 0.00	59.38 2.87 0.00	47.40 2.29 0.00	48.34 2.66 0.00	62.26 4.05 0.00	62.29 4.06 0.00	46.06 2.87 0.00	63.60 4.41 -1.29	76.52 5.30 0.00	65.79 4.58 0.00	74.30 5.15 -0.43	75.60 5.44 0.00	87.31 6.19 -1.90	107.40 8.10 0.00	131.59 9.23 -11.07	121.22 8.85 -3.48	111.83 7.30 -15.76	91.47 6.81 -2.17	85.16 5.76 -8.66	93.56 6.95 0.00	92.60 6.51 0.00
CRICKET___VALLEY_CC2 323757	64.35 3.18 0.00	82.09 3.86 0.00	67.39 3.34 0.00	58.67 2.83 0.00	59.38 2.87 0.00	47.40 2.29 0.00	48.34 2.66 0.00	62.26 4.05 0.00	62.29 4.06 0.00	46.06 2.87 0.00	63.60 4.41 -1.29	76.52 5.30 0.00	65.79 4.58 0.00	74.30 5.15 -0.43	75.60 5.44 0.00	87.31 6.19 -1.90	107.40 8.10 0.00	131.59 9.23 -11.07	121.22 8.85 -3.48	111.83 7.30 -15.76	91.47 6.81 -2.17	85.16 5.76 -8.66	93.56 6.95 0.00	92.60 6.51 0.00
CRICKET___VALLEY_CC3 323758	64.35 3.18 0.00	82.09 3.86 0.00	67.39 3.34 0.00	58.67 2.83 0.00	59.38 2.87 0.00	47.40 2.29 0.00	48.34 2.66 0.00	62.26 4.05 0.00	62.29 4.06 0.00	46.06 2.87 0.00	63.60 4.41 -1.29	76.52 5.30 0.00	65.79 4.58 0.00	74.30 5.15 -0.43	75.60 5.44 0.00	87.31 6.19 -1.90	107.40 8.10 0.00	131.59 9.23 -11.07	121.22 8.85 -3.48	111.83 7.30 -15.76	91.47 6.81 -2.17	85.16 5.76 -8.66	93.56 6.95 0.00	92.60 6.51 0.00
CRUCIBLE_METL_DRP 24180	60.38 -0.80 0.00	77.11 -1.11 0.00	62.98 -1.08 0.00	54.86 -0.98 0.00	55.68 -0.83 0.00	44.77 -0.34 0.00	45.57 -0.11 0.00	58.21 0.00 0.00	58.36 0.13 0.00	43.23 0.03 0.00	57.79 -0.11 0.00	70.96 -0.25 0.00	60.96 -0.26 0.00	68.44 -0.28 0.00	69.92 -0.24 0.00	79.48 0.04 -0.22	99.60 0.30 0.00	111.68 0.40 0.00	109.40 0.50 0.00	89.07 0.30 0.00	82.62 0.13 0.00	71.60 -0.11 -0.97	86.58 -0.03 0.00	85.87 -0.22 0.00
DAHOWA___HYDRO 323763	64.69 3.51 0.00	82.69 4.47 0.00	67.79 3.73 0.00	59.06 3.22 0.00	59.86 3.34 0.00	47.97 2.86 0.00	48.96 3.28 0.00	62.74 4.53 0.00	62.61 4.39 0.00	46.03 2.84 0.00	61.69 3.79 0.00	75.96 4.75 0.00	65.35 4.14 0.00	73.45 4.73 0.00	75.41 5.26 0.00	88.21 6.49 -2.51	107.74 8.44 0.00	137.47 9.41 -16.77	132.11 9.21 -14.00	159.91 7.62 -63.51	98.08 6.85 -8.74	87.48 5.70 -11.04	93.25 6.65 0.00	92.28 6.20 0.00
DANC___LFGE 323619	58.92 -2.26 0.00	75.68 -2.54 0.00	61.81 -2.25 0.00	53.61 -2.24 0.00	54.41 -2.10 0.00	43.47 -1.64 0.00	44.17 -1.50 0.00	56.68 -1.53 0.00	56.83 -1.40 0.00	42.33 -0.86 0.00	56.89 -1.01 0.00	69.56 -1.66 0.00	59.47 -1.74 0.00	66.49 -2.23 0.00	67.78 -2.38 0.00	77.06 -2.28 -0.12	97.27 -2.02 0.00	109.12 -2.16 0.00	107.31 -1.58 0.00	87.42 -1.35 0.00	80.86 -1.63 0.00	69.67 -1.61 -0.54	84.72 -1.89 0.00	84.46 -1.63 0.00
DANSKAMMER___1 23586	65.17 4.00 0.00	83.11 4.88 0.00	68.22 4.17 0.00	59.38 3.54 0.00	60.12 3.61 0.00	48.10 2.99 0.00	49.24 3.56 0.00	63.45 5.24 0.00	63.44 5.21 0.00	46.78 3.59 0.00	63.30 5.41 0.00	77.74 6.52 0.00	66.83 5.62 0.00	75.07 6.35 0.00	76.85 6.69 0.00	88.74 7.74 -1.78	109.51 10.21 0.00	133.35 11.76 -10.30	123.38 11.27 -3.21	112.63 9.31 -14.55	93.15 8.66 -2.00	86.11 7.22 -8.15	95.16 8.54 0.00	94.02 7.94 0.00
DANSKAMMER___2 23589	65.17 4.00 0.00	83.11 4.88 0.00	68.22 4.17 0.00	59.38 3.54 0.00	60.12 3.61 0.00	48.10 2.99 0.00	49.24 3.56 0.00	63.45 5.24 0.00	63.44 5.21 0.00	46.78 3.59 0.00	63.30 5.41 0.00	77.74 6.52 0.00	66.83 5.62 0.00	75.07 6.35 0.00	76.85 6.69 0.00	88.74 7.74 -1.78	109.51 10.21 0.00	133.35 11.76 -10.30	123.38 11.27 -3.21	112.63 9.31 -14.55	93.15 8.66 -2.00	86.11 7.22 -8.15	95.16 8.54 0.00	94.02 7.94 0.00
DANSKAMMER___3 23590	65.17 4.00 0.00	83.11 4.88 0.00	68.22 4.17 0.00	59.38 3.54 0.00	60.12 3.61 0.00	48.10 2.99 0.00	49.24 3.56 0.00	63.45 5.24 0.00	63.44 5.21 0.00	46.78 3.59 0.00	63.30 5.41 0.00	77.74 6.52 0.00	66.83 5.62 0.00	75.07 6.35 0.00	76.85 6.69 0.00	88.74 7.74 -1.78	109.51 10.21 0.00	133.35 11.76 -10.30	123.38 11.27 -3.21	112.63 9.31 -14.55	93.15 8.66 -2.00	86.11 7.22 -8.15	95.16 8.54 0.00	94.02 7.94 0.00

DANSKAMMER___4 23591	65.17 4.00 0.00	83.11 4.88 0.00	68.22 4.17 0.00	59.38 3.54 0.00	60.12 3.61 0.00	48.10 2.99 0.00	49.24 3.56 0.00	63.45 5.24 0.00	63.44 5.21 0.00	46.78 3.59 0.00	63.30 5.41 0.00	77.74 6.52 0.00	66.83 5.62 0.00	75.07 6.35 0.00	76.85 6.69 0.00	88.74 7.74 -1.78	109.51 10.21 0.00	133.35 11.76 -10.30	123.38 11.27 -3.21	112.63 9.31 -14.55	93.15 8.66 -2.00	86.11 7.22 -8.15	95.16 8.54 0.00	94.02 7.94 0.00
DANSKAMMER___DIESEL 23592	65.17 4.00 0.00	83.11 4.89 0.00	68.22 4.17 0.00	59.38 3.53 0.00	60.13 3.62 0.00	48.10 2.99 0.00	49.23 3.55 0.00	63.46 5.25 0.00	63.44 5.20 0.00	46.79 3.59 0.00	63.30 5.41 0.00	77.74 6.52 0.00	66.83 5.62 0.00	75.07 6.35 0.00	76.85 6.69 0.00	88.72 7.72 -1.78	109.51 10.21 0.00	133.34 11.75 -10.30	123.38 11.27 -3.21	112.62 9.30 -14.55	93.15 8.66 -2.00	86.11 7.22 -8.15	95.15 8.54 0.00	94.02 7.94 0.00
DARBY___SOLAR 323810	64.47 3.29 0.00	82.41 4.18 0.00	67.56 3.51 0.00	58.87 3.02 0.00	59.66 3.15 0.00	47.75 2.64 0.00	48.70 3.02 0.00	62.39 4.18 0.00	62.27 4.04 0.00	45.81 2.62 0.00	61.38 3.48 0.00	75.54 4.32 0.00	64.94 3.73 0.00	73.07 4.34 0.00	74.98 4.82 0.00	87.68 5.96 -2.50	107.05 7.75 0.00	136.67 8.69 -16.69	131.23 8.52 -13.80	158.41 7.02 -62.61	97.45 6.35 -8.62	87.05 5.29 -11.01	92.81 6.20 0.00	91.89 5.80 0.00
DASHVILLE___HYD 23610	66.37 5.20 0.00	84.61 6.39 0.00	69.44 5.38 0.00	60.44 4.59 0.00	61.23 4.73 0.00	49.06 3.95 0.00	50.34 4.67 0.00	65.00 6.79 0.00	64.94 6.71 0.00	47.72 4.52 0.00	64.36 6.47 0.00	78.96 7.73 0.00	67.93 6.73 0.00	76.33 7.61 0.00	78.23 8.07 0.00	90.63 9.57 -1.85	112.32 13.03 0.00	135.94 15.17 -9.49	127.39 14.56 -3.94	118.56 11.91 -17.88	96.05 11.11 -2.46	88.35 9.18 -8.43	97.42 10.81 0.00	96.11 10.03 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	67.33 6.15 -0.01	85.67 7.43 -0.01	69.70 5.64 0.00	60.70 4.86 0.00	65.47 5.17 -3.79	49.34 4.23 -0.01	50.60 4.89 -0.04	65.05 6.84 -0.01	64.53 6.29 0.00	47.00 3.80 0.00	68.48 6.35 -4.24	78.46 7.92 0.68	69.46 6.82 -1.43	75.58 7.25 0.38	76.48 7.61 1.28	89.70 8.70 -1.79	111.71 12.41 0.00	136.62 14.82 -10.52	126.39 14.36 -3.14	115.51 12.47 -14.26	96.76 11.42 -2.85	98.80 9.46 -18.59	132.00 11.30 -34.10	118.34 10.80 -21.45
DELAWARE___LFGE 323621	62.83 1.65 0.00	80.27 2.04 0.00	65.77 1.72 0.00	57.34 1.49 0.00	58.13 1.62 0.00	46.39 1.28 0.00	47.27 1.59 0.00	60.63 2.42 0.00	60.67 2.44 0.00	44.94 1.74 0.00	60.39 2.49 0.00	74.27 3.05 0.00	63.83 2.61 0.00	71.63 2.91 0.00	73.19 3.03 0.00	83.43 3.59 -0.63	104.01 4.72 0.00	120.50 5.26 -3.95	116.93 5.17 -2.86	105.90 4.16 -12.97	88.07 3.80 -1.79	77.56 3.07 -3.74	90.31 3.70 0.00	89.49 3.40 0.00
DERFIELD_115KV_TB7 355931	61.36 0.19 0.00	78.49 0.26 0.00	64.32 0.27 0.00	56.06 0.21 0.00	56.73 0.23 0.00	45.29 0.18 0.00	45.96 0.28 0.00	58.62 0.41 0.00	58.64 0.41 0.00	43.46 0.27 0.00	58.36 0.46 0.00	71.79 0.57 0.00	61.65 0.44 0.00	69.27 0.55 0.00	70.74 0.58 0.00	79.92 0.71 0.00	100.19 0.89 0.00	112.37 1.08 0.00	109.99 1.09 0.00	89.67 0.90 0.00	83.31 0.82 0.00	71.40 0.66 0.00	87.48 0.87 0.00	86.86 0.77 0.00
DOGLEVILLE___HYD 23807	62.46 1.29 0.00	79.52 1.29 0.00	65.18 1.12 0.00	56.76 0.92 0.00	57.55 1.04 0.00	45.99 0.88 0.00	47.02 1.34 0.00	60.37 2.16 0.00	60.10 1.88 0.00	43.90 0.70 0.00	59.19 1.30 0.00	73.12 1.90 0.00	62.78 1.57 0.00	70.77 2.05 0.00	72.56 2.40 0.00	82.34 3.13 0.00	103.79 4.49 0.00	116.78 5.49 0.00	114.65 5.76 0.00	93.39 4.61 0.00	86.56 4.07 0.00	74.05 3.31 0.00	90.44 3.83 0.00	89.48 3.39 0.00
DUNKIRK___115KV_TB_200 55889	55.44 -5.73 0.00	70.55 -7.40 0.28	56.18 -6.69 1.19	44.59 -6.17 5.08	41.43 -5.37 9.70	33.10 -3.26 8.75	36.35 -3.32 6.01	53.95 -4.26 0.00	53.77 -4.46 0.00	39.95 -3.24 0.00	53.34 -4.55 0.00	65.47 -5.59 0.15	52.91 -4.88 3.42	58.66 -5.45 4.61	61.25 -5.47 3.44	66.48 -5.84 6.90	91.96 -7.34 0.00	103.70 -8.48 -0.90	101.86 -7.63 -0.59	78.05 -7.40 3.32	55.22 -6.42 20.85	59.82 -5.89 5.03	80.83 -5.78 0.00	79.71 -6.38 0.00
DUNKIRK___1 23563	55.44 -5.73 0.00	70.55 -7.40 0.28	56.18 -6.69 1.19	44.59 -6.17 5.08	41.43 -5.37 9.70	33.10 -3.26 8.75	36.35 -3.32 6.01	53.95 -4.26 0.00	53.77 -4.46 0.00	39.95 -3.24 0.00	53.34 -4.55 0.00	65.47 -5.59 0.15	52.91 -4.88 3.42	58.66 -5.45 4.61	61.25 -5.47 3.44	66.48 -5.84 6.90	91.96 -7.34 0.00	103.70 -8.48 -0.90	101.86 -7.63 -0.59	78.05 -7.40 3.32	55.22 -6.42 20.85	59.82 -5.89 5.03	80.83 -5.78 0.00	79.71 -6.38 0.00
DUNKIRK___2 23564	55.44 -5.73 0.00	70.55 -7.40 0.28	56.18 -6.69 1.19	44.59 -6.17 5.08	41.43 -5.37 9.70	33.10 -3.26 8.75	36.35 -3.32 6.01	53.95 -4.26 0.00	53.77 -4.46 0.00	39.95 -3.24 0.00	53.34 -4.55 0.00	65.47 -5.59 0.15	52.91 -4.88 3.42	58.66 -5.45 4.61	61.25 -5.47 3.44	66.48 -5.84 6.90	91.96 -7.34 0.00	103.70 -8.48 -0.90	101.86 -7.63 -0.59	78.05 -7.40 3.32	55.22 -6.42 20.85	59.82 -5.89 5.03	80.83 -5.78 0.00	79.71 -6.38 0.00
DUNKIRK___3 23565	55.50 -5.68 0.00	70.54 -7.39 0.30	56.09 -6.67 1.31	44.09 -6.16 5.59	40.45 -5.39 10.66	32.16 -3.31 9.63	35.71 -3.36 6.61	53.89 -4.32 0.00	53.74 -4.49 0.00	39.91 -3.28 0.00	53.25 -4.65 0.00	65.28 -5.77 0.17	52.43 -5.02 3.76	58.02 -5.63 5.07	60.64 -5.75 3.77	65.63 -6.15 7.43	91.54 -7.75 0.00	103.15 -9.02 -0.89	101.37 -8.11 -0.59	77.26 -7.57 3.95	53.00 -6.54 22.95	59.08 -5.97 5.69	80.78 -5.83 0.00	79.83 -6.26 0.00
DUNKIRK___4 23566	55.50 -5.68 0.00	70.54 -7.39 0.30	56.09 -6.67 1.31	44.09 -6.16 5.59	40.45 -5.39 10.66	32.16 -3.31 9.63	35.71 -3.36 6.61	53.89 -4.32 0.00	53.74 -4.49 0.00	39.91 -3.28 0.00	53.25 -4.65 0.00	65.28 -5.77 0.17	52.43 -5.02 3.76	58.02 -5.63 5.07	60.64 -5.75 3.77	65.63 -6.15 7.43	91.54 -7.75 0.00	103.15 -9.02 -0.89	101.37 -8.11 -0.59	77.26 -7.57 3.95	53.00 -6.54 22.95	59.08 -5.97 5.69	80.78 -5.83 0.00	79.83 -6.26 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	64.70 3.52 0.00	82.51 4.29 0.00	67.71 3.65 0.00	58.93 3.09 0.00	59.66 3.15 0.00	47.71 2.60 0.00	48.82 3.14 0.00	62.96 4.76 0.00	62.96 4.74 0.00	46.52 3.33 0.00	66.28 5.22 -3.17	77.61 6.39 0.00	66.74 5.53 0.00	75.95 6.17 -1.06	76.60 6.45 0.00	88.30 7.30 -1.79	108.77 9.47 0.00	132.66 10.86 -10.52	122.32 10.28 -3.13	111.55 8.55 -14.22	92.47 8.03 -1.96	85.64 6.72 -8.17	94.55 7.94 0.00	93.47 7.38 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	64.58 3.41 0.00	82.38 4.16 0.00	67.65 3.59 0.00	58.88 3.03 0.00	59.60 3.09 0.00	47.67 2.56 0.00	48.79 3.11 0.00	62.87 4.66 0.00	62.85 4.62 0.00	46.36 3.16 0.00	61.49 4.82 1.22	77.02 5.80 0.00	66.19 4.98 0.00	73.90 5.59 0.41	76.09 5.93 0.00	87.77 6.83 -1.72	108.42 9.12 0.00	131.63 10.53 -9.82	122.07 10.06 -3.11	111.22 8.32 -14.12	92.21 7.78 -1.95	85.11 6.48 -7.89	94.21 7.61 0.00	93.14 7.05 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	64.72 3.54 -0.01	82.55 4.32 -0.01	67.74 3.68 0.00	58.97 3.12 -0.01	59.67 3.15 -0.01	47.68 2.57 0.00	48.93 3.24 0.00	63.15 4.94 0.00	63.22 4.99 0.00	46.69 3.49 0.00	66.45 5.39 -3.17	77.82 6.60 -0.01	66.94 5.72 -0.01	76.18 6.40 -1.06	76.84 6.67 -0.01	88.51 7.50 -1.79	109.14 9.83 -0.01	132.95 11.14 -10.53	122.64 10.60 -3.14	111.91 8.90 -14.23	92.92 8.48 -1.96	85.94 7.02 -8.17	94.92 8.31 0.00	93.74 7.65 0.00
E179THST_13_KV_LOAD 356214	65.01 3.83 -0.01	82.90 4.66 -0.01	68.00 3.94 0.00	59.20 3.34 -0.01	59.90 3.38 -0.01	47.86 2.75 0.00	49.15 3.47 0.00	63.47 5.26 0.00	63.53 5.30 0.00	46.92 3.72 0.00	66.77 5.70 -3.17	78.21 6.98 -0.01	67.27 6.05 -0.01	76.56 6.78 -1.06	77.21 7.05 -0.01	88.97 7.97 -1.79	109.67 10.37 -0.01	133.59 11.78 -10.53	123.27 11.23 -3.14	112.43 9.43 -14.23	93.38 8.94 -1.96	86.33 7.42 -8.17	95.37 8.76 0.00	94.17 8.08 0.00
EAST HAMPTON___GT 23717	67.16 5.98 -0.01	85.33 7.09 -0.01	69.09 5.03 0.00	60.24 4.39 0.00	64.97 4.67 -3.79	48.82 3.71 -0.01	50.05 4.33 -0.04	64.25 6.04 -0.01	63.71 5.48 0.00	46.30 3.10 0.00	67.50 5.37 -4.24	77.47 6.93 0.68	68.59 5.95 -1.43	74.46 6.13 0.38	75.26 6.38 1.28	88.43 7.43 -1.79	110.30 11.00 0.00	135.15 13.34 -10.52	124.98 12.95 -3.14	114.33 11.29 -14.26	95.60 10.26 -2.85	97.73 8.40 -18.59	130.57 9.86 -34.10	117.01 9.47 -21.45
EAST RIVER___6 23660	64.69 3.51 0.00	82.44 4.21 0.00	67.66 3.60 0.00	58.88 3.03 0.00	59.59 3.08 0.00	47.68 2.58 0.00	48.88 3.20 0.00	63.15 4.94 0.00	63.22 4.99 0.00	46.74 3.54 0.00	66.71 5.65 -3.17	78.17 6.95 0.00	67.24 6.02 0.00	76.50 6.72 -1.06	77.17 7.01 0.00	88.89 7.89 -1.79	109.40 10.11 0.00	133.25 11.45 -10.52	122.76 10.73 -3.13	112.01 9.00 -14.22	92.91 8.47 -1.96	85.97 7.06 -8.17	94.88 8.27 0.00	93.72 7.62 0.00
EAST RIVER___7 23524	64.69 3.51 0.00	82.44 4.21 0.00	67.66 3.60 0.00	58.88 3.03 0.00	59.59 3.08 0.00	47.68 2.58 0.00	48.88 3.20 0.00	63.15 4.94 0.00	63.22 4.99 0.00	46.74 3.54 0.00	66.71 5.65 -3.17	78.17 6.95 0.00	67.24 6.02 0.00	76.50 6.72 -1.06	77.17 7.01 0.00	88.89 7.89 -1.79	109.40 10.11 0.00	133.25 11.45 -10.52	122.76 10.73 -3.13	112.01 9.00 -14.22	92.91 8.47 -1.96	85.97 7.06 -8.17	94.88 8.27 0.00	93.72 7.62 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	64.53 3.35 0.00	82.30 4.07 0.00	67.58 3.52 0.00	58.81 2.96 0.00	59.52 3.01 0.00	47.59 2.48 0.00	48.69 3.02 0.00	62.79 4.58 0.00	62.79 4.56 0.00	46.39 3.19 0.00	66.29 5.00 -3.39	77.34 6.12 0.00	66.48 5.27 0.00	75.74 5.89 -1.13	76.32 6.16 0.00	87.98 6.99 -1.78	108.41 9.12 0.00	132.22 10.45 -10.49	121.91 9.88 -3.13	111.20 8.22 -14.20	92.16 7.72 -1.95	85.36 6.47 -8.15	94.25 7.64 0.00	93.19 7.10 0.00
EAST_HAMPTON___DIESEL 23722	67.07 5.88 -0.01	85.19 6.95 -0.01	68.94 4.88 0.00	60.12 4.28 0.00	64.84 4.54 -3.79	48.70 3.59 -0.01	49.92 4.20 -0.04	64.08 5.86 -0.01	63.52 5.29 0.00	46.16 2.97 0.00	67.33 5.19 -4.24	77.27 6.73 0.68	68.43 5.79 -1.43	74.25 5.91 0.38	75.03 6.16 1.28	88.19 7.18 -1.79	110.00 10.70 0.00	134.81 13.01 -10.52	124.65 12.61 -3.14	114.06 11.02 -14.26	95.35 10.01 -2.85	97.51 8.17 -18.59	130.30 9.59 -34.10	116.74 9.21 -21.45
EAST_POINT___SOLAR 323840	64.78 3.60 0.00	82.81 4.58 0.00	67.77 3.71 0.00	59.10 3.26 0.00	59.94 3.43 0.00	48.09 2.98 0.00	49.07 3.39 0.00	62.68 4.47 0.00	61.68 3.45 0.00	45.19 1.99 0.00	59.88 1.98 0.00	73.97 2.75 0.00	63.73 2.52 0.00	72.10 3.37 0.00	74.03 3.87 0.00	86.73 4.85 -2.67	106.78 7.48 0.00	137.13 9.36 -16.49	132.04 9.33 -13.81	158.85 7.41 -62.66	97.78 6.67 -8.63	88.35 5.55 -12.05	93.10 6.49 0.00	92.16 6.07 0.00
EAST_PULASKI___ESR 323781	59.13 -2.05 0.00	75.68 -2.54 0.00	61.87 -2.19 0.00	53.76 -2.08 0.00	54.55 -1.96 0.00	43.65 -1.46 0.00	44.34 -1.34 0.00	56.63 -1.58 0.00	56.72 -1.52 0.00	41.94 -1.25 0.00	55.84 -2.06 0.00	69.11 -2.11 0.00	59.53 -1.68 0.00	66.66 -2.06 0.00	67.99 -2.17 0.00	77.14 -2.21 -0.14	97.01 -2.28 0.00	108.83 -2.45 0.00	106.67 -2.23 0.00	86.92 -1.86 0.00	80.60 -1.88 0.00	69.54 -1.81 -0.61	84.41 -2.19 0.00	83.88 -2.20 0.00
EAST_RIVER___1 323558	64.69 3.52 0.00	82.46 4.23 0.00	67.67 3.61 0.00	58.89 3.05 0.00	59.60 3.09 0.00	47.67 2.56 0.00	48.86 3.18 0.00	63.10 4.89 0.00	63.16 4.93 0.00	46.69 3.49 0.00	66.62 5.55 -3.17	78.06 6.84 0.00	67.13 5.92 0.00	76.40 6.62 -1.06	77.04 6.88 0.00	88.76 7.76 -1.79	109.26 9.97 0.00	133.16 11.36 -10.52	122.75 10.72 -3.13	111.91 8.91 -14.22	92.82 8.37 -1.96	85.93 7.01 -8.17	94.85 8.25 0.00	93.70 7.61 0.00
EAST_RIVER___2 323559	64.69 3.51 0.00	82.44 4.21 0.00	67.66 3.60 0.00	58.88 3.03 0.00	59.59 3.08 0.00	47.68 2.58 0.00	48.88 3.20 0.00	63.15 4.94 0.00	63.22 4.99 0.00	46.74 3.54 0.00	66.71 5.65 -3.17	78.17 6.95 0.00	67.24 6.02 0.00	76.50 6.72 -1.06	77.17 7.01 0.00	88.89 7.89 -1.79	109.40 10.11 0.00	133.25 11.45 -10.52	122.76 10.73 -3.13	112.01 9.00 -14.22	92.91 8.47 -1.96	85.97 7.06 -8.17	94.88 8.27 0.00	93.72 7.62 0.00
EAST___DELAWARE_HYD 23607	63.73 2.55 0.00	81.29 3.06 0.00	66.71 2.65 0.00	58.06 2.21 0.00	58.80 2.30 0.00	47.09 1.99 0.00	48.27 2.59 0.00	62.22 4.02 0.00	62.17 3.94 0.00	45.76 2.57 0.00	60.68 3.81 1.03	75.63 4.41 0.00	65.04 3.83 0.00	72.75 4.37 0.34	75.06 4.90 0.00	86.57 5.73 -1.62	107.37 8.08 0.00	129.58 9.58 -8.71	121.24 9.24 -3.10	110.43 7.60 -14.05	91.41 7.00 -1.93	83.95 5.74 -7.47	93.18 6.57 0.00	92.00 5.91 0.00
EIGHT_POINT___WT_PWR 323820	55.58 -5.59 0.00	71.50 -7.70 -0.98	61.48 -6.80 -4.23	67.84 -6.02 -18.02	85.08 -5.69 -34.26	72.93 -3.25 -31.07	64.29 -2.72 -21.34	55.12 -3.09 0.00	55.32 -2.91 0.00	41.09 -2.11 0.00	54.25 -3.65 0.00	66.41 -5.34 -0.53	68.20 -4.95 -11.93	78.99 -5.81 -16.08	76.50 -5.62 -11.97	90.91 -5.12 -16.81	93.72 -5.58 0.00	106.02 -6.43 -1.16	103.70 -5.95 -0.75	107.95 -5.23 -24.40	152.59 -4.32 -74.42	90.53 -4.71 -24.50	80.62 -5.99 0.00	79.61 -6.48 0.00
ELBRIDGE_115KV_TB2 80188	60.24 -0.94 0.00	76.96 -1.27 0.00	62.82 -1.24 0.00	54.72 -1.12 0.00	55.54 -0.97 0.00	44.70 -0.41 0.00	45.48 -0.20 0.00	58.09 -0.11 0.00	58.29 0.06 0.00	43.20 0.01 0.00	57.71 -0.18 0.00	70.83 -0.39 0.00	60.79 -0.42 0.00	68.34 -0.38 0.00	69.80 -0.36 0.00	79.36 -0.10 -0.24	99.42 0.12 0.00	111.45 0.16 0.00	109.26 0.36 0.00	88.92 0.14 0.00	82.44 -0.04 0.00	71.52 -0.27 -1.05	86.42 -0.19 0.00	85.74 -0.35 0.00
ELEC_TRO_TEK 24086	65.45 4.27 0.00	83.50 5.27 0.00	68.36 4.31 0.00	59.51 3.67 0.00	62.41 3.86 -2.04	48.34 3.23 0.00	49.63 3.85 -0.10	63.75 5.54 0.00	63.55 5.32 0.00	46.82 3.63 0.00	97.78 6.11 -33.77	86.20 7.58 -7.41	80.18 6.55 -12.42	84.89 7.26 -8.91	83.52 7.46 -5.89	89.09 8.08 -1.79	109.85 10.56 0.00	133.87 12.07 -10.52	123.67 11.64 -3.13	112.96 9.95 -14.23	94.20 9.27 -2.44	96.09 7.90 -17.45	122.99 9.58 -26.80	129.84 9.03 -34.71

ELLENBURG_WT_PWR 323604	12.66 -1.61 46.91	76.34 -1.89 0.00	62.88 -1.18 0.00	54.81 -1.03 0.00	55.19 -1.32 0.00	43.90 -1.21 0.00	44.11 -1.57 0.00	55.86 -2.35 0.00	55.92 -2.31 0.00	41.52 -1.68 0.00	55.53 -2.36 0.00	68.42 -2.80 0.00	58.87 -2.35 0.00	66.29 -2.43 0.00	67.87 -2.29 0.00	76.33 -2.88 0.00	95.60 -3.69 0.00	106.14 -5.14 0.00	103.64 -5.25 0.00	84.89 -3.89 0.00	78.62 -3.86 0.00	68.07 -2.67 0.00	83.30 -3.31 0.00	83.65 -2.44 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	55.17 -6.01 0.00	69.97 -7.95 0.30	55.71 -7.03 1.32	43.73 -6.49 5.62	39.96 -5.84 10.71	31.61 -3.81 9.69	35.16 -3.86 6.65	53.32 -4.89 0.00	53.27 -4.96 0.00	39.68 -3.52 0.00	52.84 -5.05 0.00	64.72 -6.34 0.17	51.86 -5.57 3.78	57.30 -6.32 5.10	59.71 -6.65 3.80	64.42 -7.21 7.58	90.31 -8.98 0.00	101.64 -10.50 -0.86	100.07 -9.39 -0.57	76.52 -8.18 4.07	52.25 -7.14 23.10	58.67 -6.30 5.77	80.58 -6.03 0.00	79.92 -6.17 0.00
EMPIRE_CC_1 323656	63.41 2.23 0.00	81.09 2.86 0.00	66.53 2.48 0.00	57.97 2.13 0.00	58.67 2.16 0.00	46.74 1.63 0.00	47.29 1.61 0.00	60.50 2.29 0.00	60.58 2.35 0.00	44.92 1.72 0.00	60.69 2.28 -0.51	73.98 2.76 0.00	63.59 2.38 0.00	71.62 2.73 -0.17	73.19 3.03 0.00	85.60 4.01 -2.38	104.21 4.91 0.00	123.78 5.44 -7.05	120.07 5.34 -5.84	119.60 4.35 -26.47	89.69 3.56 -3.64	84.31 3.11 -10.45	90.45 3.84 0.00	89.83 3.74 0.00
EMPIRE_CC_2 323658	63.41 2.23 0.00	81.09 2.86 0.00	66.53 2.48 0.00	57.97 2.13 0.00	58.67 2.16 0.00	46.74 1.63 0.00	47.29 1.61 0.00	60.50 2.29 0.00	60.58 2.35 0.00	44.92 1.72 0.00	60.69 2.28 -0.51	73.98 2.76 0.00	63.59 2.38 0.00	71.62 2.73 -0.17	73.19 3.03 0.00	85.60 4.01 -2.38	104.21 4.91 0.00	123.78 5.44 -7.05	120.07 5.34 -5.84	119.60 4.35 -26.47	89.69 3.56 -3.64	84.31 3.11 -10.45	90.45 3.84 0.00	89.83 3.74 0.00
ENORWICH_115KV_TB1 80156	63.68 2.50 0.00	80.35 2.12 0.00	65.49 1.43 0.00	57.01 1.17 0.00	57.98 1.47 0.00	46.79 1.69 0.00	48.35 2.67 0.00	62.45 4.24 0.00	62.41 4.17 0.00	46.24 3.04 0.00	61.83 3.94 0.00	75.46 4.24 0.00	64.86 3.65 0.00	72.73 4.01 0.00	74.33 4.17 0.00	85.02 5.47 -0.34	107.94 8.64 0.00	123.48 9.99 -2.20	120.69 10.27 -1.53	102.72 7.00 -6.94	89.53 6.09 -0.96	77.99 4.54 -2.71	91.47 4.86 0.00	90.31 4.22 0.00
ERIE_ST_34_KV_TB1-2 80199	56.72 -4.46 0.00	72.00 -5.97 0.26	57.53 -5.43 1.09	46.14 -5.02 4.68	43.30 -4.24 8.96	34.57 -2.50 8.05	37.64 -2.52 5.52	54.91 -3.30 0.00	54.71 -3.52 0.00	40.30 -2.90 0.00	53.71 -4.18 0.00	65.90 -5.18 0.14	53.53 -4.52 3.16	59.32 -5.13 4.26	61.57 -5.42 3.17	66.91 -5.81 6.50	91.78 -7.51 0.00	103.28 -8.90 -0.90	101.53 -7.96 -0.59	79.04 -6.87 2.87	57.42 -5.83 19.23	60.83 -5.37 4.54	81.49 -5.11 0.00	80.81 -5.28 0.00
ERIE_WT_PWR 323693	55.61 -5.57 0.00	70.55 -7.39 0.29	56.21 -6.60 1.25	44.42 -6.09 5.34	40.92 -5.40 10.19	32.51 -3.41 9.19	35.95 -3.43 6.30	53.87 -4.34 0.00	53.79 -4.44 0.00	39.95 -3.25 0.00	53.19 -4.71 0.00	65.14 -5.92 0.16	52.43 -5.18 3.60	58.01 -5.87 4.85	60.34 -6.21 3.61	65.35 -6.68 7.18	90.97 -8.32 0.00	102.38 -9.79 -0.88	100.75 -8.73 -0.58	77.48 -7.63 3.68	54.07 -6.49 21.92	59.46 -5.89 5.38	80.92 -5.68 0.00	80.24 -5.85 0.00
ESPRGFLD_115KV_TB1 80157	62.98 1.80 0.00	80.38 2.15 0.00	65.74 1.68 0.00	57.32 1.47 0.00	58.14 1.64 0.00	46.64 1.53 0.00	47.49 1.81 0.00	60.73 2.52 0.00	60.61 2.38 0.00	44.99 1.80 0.00	60.22 2.33 0.00	74.07 2.85 0.00	63.62 2.41 0.00	71.42 2.70 0.00	72.75 2.58 0.00	82.11 3.01 0.12	103.71 4.41 0.00	129.02 5.40 -12.33	124.48 5.38 -10.20	139.16 4.12 -46.27	92.45 3.60 -6.37	73.70 2.94 -0.02	90.06 3.45 0.00	89.25 3.16 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	61.60 0.42 0.00	78.58 0.36 0.00	64.05 0.00 0.00	55.81 -0.04 0.00	56.70 0.19 0.00	45.71 0.60 0.00	46.64 0.97 0.00	59.74 1.53 0.00	59.91 1.69 0.00	44.30 1.11 0.00	59.10 1.21 0.00	72.54 1.31 0.00	62.15 0.94 0.00	69.94 1.21 0.00	71.47 1.31 0.00	81.48 2.00 -0.27	102.18 2.88 0.00	115.94 3.35 -1.31	113.29 3.52 -0.87	95.34 2.60 -3.96	85.30 2.27 -0.54	74.26 1.54 -1.97	88.50 1.90 0.00	87.73 1.64 0.00
ETNA____115KV_TB2 80207	61.60 0.42 0.00	78.58 0.36 0.00	64.05 0.00 0.00	55.81 -0.04 0.00	56.70 0.19 0.00	45.71 0.60 0.00	46.64 0.97 0.00	59.74 1.53 0.00	59.91 1.69 0.00	44.30 1.11 0.00	59.10 1.21 0.00	72.54 1.31 0.00	62.15 0.94 0.00	69.94 1.21 0.00	71.47 1.31 0.00	81.48 2.00 -0.27	102.18 2.88 0.00	115.94 3.35 -1.31	113.29 3.52 -0.87	95.34 2.60 -3.96	85.30 2.27 -0.54	74.26 1.54 -1.97	88.50 1.90 0.00	87.73 1.64 0.00
EUCLID____115KV_TB2 356179	59.42 -1.76 0.00	75.92 -2.31 0.00	62.06 -2.00 0.00	54.05 -1.80 0.00	54.83 -1.67 0.00	44.01 -1.10 0.00	44.78 -0.89 0.00	57.19 -1.02 0.00	57.28 -0.95 0.00	42.50 -0.70 0.00	56.87 -1.02 0.00	69.86 -1.36 0.00	59.94 -1.27 0.00	67.34 -1.38 0.00	68.79 -1.37 0.00	78.06 -1.33 -0.18	97.82 -1.48 0.00	109.66 -1.63 0.00	107.43 -1.47 0.00	87.48 -1.29 0.00	81.24 -1.25 0.00	70.27 -1.24 -0.77	85.23 -1.38 0.00	84.57 -1.52 0.00
E_CANADA_CAP_HY 24051	63.44 2.26 0.00	81.06 2.84 0.00	66.29 2.24 0.00	57.82 1.97 0.00	58.58 2.08 0.00	46.95 1.84 0.00	47.74 2.06 0.00	60.79 2.58 0.00	60.43 2.20 0.00	44.69 1.50 0.00	59.67 1.77 0.00	73.54 2.32 0.00	63.17 1.96 0.00	71.07 2.34 0.00	72.50 2.34 0.00	84.75 2.78 -2.76	103.53 4.23 0.00	132.32 5.42 -15.61	127.25 5.44 -12.92	151.59 4.23 -58.58	94.31 3.76 -8.06	86.52 3.26 -12.51	90.48 3.87 0.00	89.72 3.63 0.00
E_CANADA_MHWK_HY 24050	62.46 1.29 0.00	79.52 1.29 0.00	65.18 1.12 0.00	56.76 0.92 0.00	57.55 1.04 0.00	45.99 0.88 0.00	47.02 1.34 0.00	60.37 2.16 0.00	60.10 1.88 0.00	43.90 0.70 0.00	59.19 1.30 0.00	73.12 1.90 0.00	62.78 1.57 0.00	70.77 2.05 0.00	72.56 2.40 0.00	82.34 3.13 0.00	103.79 4.49 0.00	116.78 5.49 0.00	114.65 5.76 0.00	93.39 4.61 0.00	86.56 4.07 0.00	74.05 3.31 0.00	90.44 3.83 0.00	89.48 3.39 0.00
E_FISHKILL____LBMP 23776	64.31 3.13 0.00	82.03 3.80 0.00	67.35 3.30 0.00	58.63 2.79 0.00	59.33 2.82 0.00	47.40 2.29 0.00	48.44 2.77 0.00	62.40 4.19 0.00	62.42 4.18 0.00	46.13 2.93 0.00	63.48 4.56 -1.03	76.79 5.57 0.00	66.00 4.79 0.00	74.44 5.38 -0.34	75.78 5.63 0.00	87.44 6.40 -1.82	107.66 8.36 0.00	131.64 9.54 -10.80	121.17 9.07 -3.19	110.80 7.54 -14.48	91.56 7.08 -1.99	85.02 5.95 -8.32	93.68 7.07 0.00	92.68 6.59 0.00
FALCON____SEABRD_CC1 323796	9.89 -1.22 50.07	76.82 -1.41 0.00	63.24 -0.82 0.00	55.23 -0.62 0.00	55.65 -0.86 0.00	44.35 -0.76 0.00	44.57 -1.10 0.00	56.16 -2.05 0.00	56.18 -2.05 0.00	41.64 -1.56 0.00	55.99 -1.90 0.00	68.81 -2.41 0.00	59.16 -2.05 0.00	66.72 -2.01 0.00	68.50 -1.66 0.00	77.06 -2.16 0.00	96.54 -2.76 0.00	106.45 -4.84 0.00	103.99 -4.90 0.00	85.60 -3.17 0.00	78.93 -3.55 0.00	68.52 -2.22 0.00	83.88 -2.73 0.00	84.63 -1.46 0.00

FALCON___SEABRD_CC2 323797	9.89 -1.22 50.07	76.82 -1.41 0.00	63.24 -0.82 0.00	55.23 -0.62 0.00	55.65 -0.86 0.00	44.35 -0.76 0.00	44.57 -1.10 0.00	56.16 -2.05 0.00	56.18 -2.05 0.00	41.64 -1.56 0.00	55.99 -1.90 0.00	68.81 -2.41 0.00	59.16 -2.05 0.00	66.72 -2.01 0.00	68.50 -1.66 0.00	77.06 -2.16 0.00	96.54 -2.76 0.00	106.45 -4.84 0.00	103.99 -4.90 0.00	85.60 -3.17 0.00	78.93 -3.55 0.00	68.52 -2.22 0.00	83.88 -2.73 0.00	84.63 -1.46 0.00
FAR ROCKAWAY___4 23548	66.35 5.17 0.00	84.61 6.38 -0.01	69.22 5.17 0.00	60.23 4.39 0.00	64.08 4.64 -2.93	49.02 3.90 -0.01	50.49 4.60 -0.21	64.72 6.49 -0.01	64.39 6.16 0.00	47.43 4.24 0.00	143.80 6.96 -78.95	98.93 8.57 -19.14	96.98 7.39 -28.38	99.36 8.23 -22.41	94.97 8.49 -16.32	90.35 9.34 -1.80	111.47 12.17 0.00	135.27 13.47 -10.52	125.07 13.04 -3.13	114.23 11.22 -14.23	95.54 10.41 -2.65	104.61 8.85 -25.02	143.98 10.75 -46.61	168.64 10.44 -72.11
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	64.75 3.57 0.00	82.52 4.30 0.00	67.73 3.67 0.00	58.94 3.09 0.00	59.64 3.13 0.00	47.71 2.61 0.00	48.89 3.21 0.00	63.14 4.93 0.00	63.17 4.94 0.00	46.70 3.51 0.00	66.64 5.58 -3.17	78.08 6.86 0.00	67.15 5.94 0.00	76.42 6.64 -1.06	77.05 6.89 0.00	88.78 7.77 -1.79	109.32 10.02 0.00	133.24 11.44 -10.52	122.84 10.81 -3.13	111.96 8.96 -14.22	92.88 8.43 -1.96	85.95 7.03 -8.17	94.93 8.32 0.00	93.75 7.66 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	64.78 3.60 0.00	82.59 4.36 0.00	67.77 3.72 0.00	58.98 3.13 0.00	59.69 3.18 0.00	47.75 2.64 0.00	48.92 3.24 0.00	63.17 4.96 0.00	63.22 4.99 0.00	46.73 3.54 0.00	66.67 5.60 -3.17	78.10 6.88 0.00	67.19 5.97 0.00	76.44 6.66 -1.06	77.08 6.92 0.00	88.80 7.80 -1.79	109.34 10.05 0.00	133.30 11.50 -10.52	122.91 10.88 -3.13	112.03 9.03 -14.22	92.93 8.49 -1.96	86.01 7.10 -8.17	95.00 8.39 0.00	93.82 7.74 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	64.71 3.53 0.00	82.51 4.28 0.00	67.71 3.65 0.00	58.92 3.08 0.00	59.63 3.12 0.00	47.69 2.59 0.00	48.86 3.18 0.00	63.10 4.90 0.00	63.16 4.93 0.00	46.69 3.49 0.00	66.61 5.55 -3.17	78.03 6.81 0.00	67.12 5.91 0.00	76.37 6.59 -1.06	77.02 6.86 0.00	88.71 7.72 -1.79	109.24 9.95 0.00	133.15 11.35 -10.52	122.76 10.73 -3.13	111.92 8.92 -14.22	92.83 8.38 -1.96	85.93 7.01 -8.17	94.87 8.26 0.00	93.72 7.63 0.00
FARRAGUT___LBMP 323566	64.67 3.50 0.00	82.44 4.21 0.00	67.66 3.60 0.00	58.88 3.03 0.00	59.59 3.08 0.00	47.66 2.55 0.00	48.82 3.15 0.00	63.04 4.83 0.00	63.08 4.85 0.00	46.63 3.43 0.00	66.55 5.49 -3.17	77.95 6.73 0.00	67.04 5.83 0.00	76.30 6.52 -1.06	76.94 6.78 0.00	88.64 7.63 -1.79	109.15 9.85 0.00	133.03 11.23 -10.52	122.64 10.61 -3.13	111.83 8.83 -14.22	92.76 8.31 -1.96	85.86 6.95 -8.17	94.80 8.19 0.00	93.65 7.55 0.00
FENNER___WINDPWR 24204	61.64 0.46 0.00	78.84 0.61 0.00	64.42 0.36 0.00	56.14 0.29 0.00	56.95 0.44 0.00	45.74 0.63 0.00	46.57 0.89 0.00	59.57 1.37 0.00	59.66 1.43 0.00	44.19 1.00 0.00	59.01 1.11 0.00	72.57 1.35 0.00	62.17 0.95 0.00	69.98 1.26 0.00	71.47 1.31 0.00	81.15 1.76 -0.18	101.84 2.55 0.00	114.65 2.85 -0.51	112.21 2.89 -0.42	92.90 2.20 -1.92	84.74 1.99 -0.26	73.30 1.48 -1.08	88.33 1.72 0.00	87.62 1.54 0.00
FIBERTEK___ENERGY 23856	60.38 -0.80 0.00	77.11 -1.11 0.00	62.98 -1.08 0.00	54.86 -0.98 0.00	55.68 -0.83 0.00	44.77 -0.34 0.00	45.57 -0.11 0.00	58.21 0.00 0.00	58.36 0.13 0.00	43.23 0.03 0.00	57.79 -0.11 0.00	70.96 -0.25 0.00	60.96 -0.26 0.00	68.44 -0.28 0.00	69.92 -0.24 0.00	79.48 0.04 -0.22	99.60 0.30 0.00	111.68 0.40 0.00	109.40 0.50 0.00	89.07 0.30 0.00	82.62 0.13 0.00	71.60 -0.11 -0.97	86.58 -0.03 0.00	85.87 -0.22 0.00
FITZPATRICK____ 23598	58.52 -2.65 0.00	74.78 -3.45 0.00	61.18 -2.88 0.00	53.29 -2.56 0.00	54.02 -2.49 0.00	43.28 -1.83 0.00	43.97 -1.71 0.00	56.06 -2.15 0.00	56.10 -2.13 0.00	41.66 -1.54 0.00	55.76 -2.14 0.00	68.52 -2.70 0.00	58.85 -2.36 0.00	66.06 -2.66 0.00	67.47 -2.69 0.00	76.49 -2.89 -0.17	95.83 -3.47 0.00	107.39 -3.90 0.00	105.19 -3.70 0.00	85.68 -3.10 0.00	79.59 -2.90 0.00	68.65 -2.56 -0.47	83.57 -3.03 0.00	82.99 -3.10 0.00
FLOWRFLD_69_KV_BK1 356044	66.76 5.57 -0.01	85.11 6.87 -0.01	69.56 5.50 0.00	60.49 4.65 0.00	65.25 4.96 -3.78	49.24 4.12 -0.01	50.51 4.79 -0.04	65.02 6.80 -0.01	64.60 6.37 0.00	47.26 4.07 0.00	69.05 6.74 -4.42	78.95 8.36 0.62	69.94 7.23 -1.50	76.21 7.81 0.32	77.04 8.12 1.24	90.09 9.09 -1.79	111.76 12.46 0.00	136.30 14.50 -10.52	126.04 14.01 -3.14	115.32 12.28 -14.26	96.68 11.34 -2.85	98.84 9.51 -18.58	132.08 11.42 -34.05	118.53 10.91 -21.52
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	65.27 4.10 0.00	83.24 5.02 0.00	68.34 4.29 0.00	59.47 3.63 0.00	60.22 3.71 0.00	48.18 3.07 0.00	49.31 3.64 0.00	63.56 5.35 0.00	63.55 5.32 0.00	46.87 3.67 0.00	63.42 5.53 0.00	77.89 6.67 0.00	66.97 5.76 0.00	75.22 6.49 0.00	77.00 6.84 0.00	88.89 7.89 -1.79	109.71 10.42 0.00	133.63 11.96 -10.39	123.58 11.47 -3.21	112.81 9.47 -14.57	93.31 8.82 -2.01	86.27 7.35 -8.18	95.32 8.71 0.00	94.18 8.09 0.00
FORT ORANGE____ 23900	63.47 2.30 0.00	81.17 2.95 0.00	66.59 2.54 0.00	58.02 2.17 0.00	58.75 2.24 0.00	46.55 1.45 0.00	47.14 1.47 0.00	60.38 2.18 0.00	60.36 2.13 0.00	44.52 1.33 0.00	59.70 1.81 0.00	73.47 2.25 0.00	63.21 1.99 0.00	71.07 2.34 0.00	72.88 2.72 0.00	84.66 3.03 -2.42	102.65 3.35 0.00	124.16 3.52 -9.35	120.56 3.72 -7.94	127.83 3.02 -36.03	90.58 3.14 -4.96	84.05 2.67 -10.64	89.92 3.31 0.00	90.10 4.01 0.00
FORT_DRUM_COGEN 23780	59.47 -1.71 0.00	76.58 -1.64 0.00	62.53 -1.53 0.00	54.21 -1.64 0.00	55.00 -1.51 0.00	43.89 -1.22 0.00	44.61 -1.07 0.00	57.44 -0.77 0.00	57.70 -0.53 0.00	42.99 -0.20 0.00	57.67 -0.22 0.00	70.35 -0.87 0.00	60.04 -1.17 0.00	67.04 -1.68 0.00	68.34 -1.82 0.00	77.80 -1.51 -0.10	98.66 -0.63 0.00	110.66 -0.62 0.00	109.04 0.15 0.00	88.90 0.12 0.00	82.08 -0.41 0.00	70.58 -0.59 -0.43	85.89 -0.72 0.00	85.82 -0.27 0.00
FOX_HILLS___ESR 323835	109.16 4.13 -43.86	106.91 5.04 -23.64	74.49 4.14 -6.30	76.80 3.63 -17.32	75.36 3.63 -15.22	73.32 2.97 -25.25	74.76 3.63 -25.46	81.18 5.42 -17.55	79.97 5.38 -16.36	74.17 3.78 -27.19	77.64 5.72 -14.03	100.07 7.09 -21.76	99.88 6.08 -32.59	100.06 6.85 -24.49	100.34 7.14 -23.05	100.74 8.12 -13.41	146.41 10.54 -36.58	314.42 12.12 -191.02	361.80 11.48 -241.42	387.65 9.51 -289.37	356.21 9.03 -264.69	180.57 7.59 -102.23	128.26 8.87 -32.79	103.07 8.14 -8.84
FPL FAR_ROCK_GT1 24212	66.35 5.17 0.00	84.61 6.38 -0.01	69.22 5.16 0.00	60.24 4.40 0.00	64.08 4.64 -2.93	49.01 3.90 -0.01	50.47 4.58 -0.21	64.71 6.49 -0.01	64.39 6.16 0.00	47.42 4.23 0.00	143.79 6.94 -78.95	98.89 8.53 -19.14	96.97 7.38 -28.38	99.32 8.20 -22.41	94.93 8.45 -16.32	90.38 9.37 -1.80	111.46 12.17 0.00	135.26 13.46 -10.52	125.08 13.04 -3.13	114.23 11.23 -14.23	95.51 10.38 -2.65	104.56 8.81 -25.02	143.88 10.66 -46.61	168.64 10.44 -72.11



FPL FAR_ROCK_GT2 23815	66.35 5.17 0.00	84.61 6.38 -0.01	69.22 5.16 0.00	60.24 4.40 0.00	64.08 4.64 -2.93	49.01 3.90 -0.01	50.47 4.58 -0.21	64.71 6.49 -0.01	64.39 6.16 0.00	47.42 4.23 0.00	143.79 6.94 -78.95	98.89 8.53 -19.14	96.97 7.38 -28.38	99.32 8.20 -22.41	94.93 8.45 -16.32	90.38 9.37 -1.80	111.46 12.17 0.00	135.26 13.46 -10.52	125.08 13.04 -3.13	114.23 11.23 -14.23	95.51 10.38 -2.65	104.56 8.81 -25.02	143.88 10.66 -46.61	168.64 10.44 -72.11
FRANKLIN_FALL_HYD 24054	64.21 -0.18 -3.21	78.13 -0.10 0.00	64.05 -0.01 0.00	56.05 0.20 0.00	56.37 -0.14 0.00	44.82 -0.29 0.00	44.98 -0.70 0.00	57.05 -1.15 0.00	57.16 -1.07 0.00	42.47 -0.72 0.00	56.65 -1.24 0.00	69.62 -1.60 0.00	59.87 -1.35 0.00	67.34 -1.39 0.00	68.89 -1.27 0.00	77.51 -1.70 0.00	97.21 -2.09 0.00	107.78 -3.50 0.00	105.62 -3.28 0.00	86.34 -2.44 0.00	80.09 -2.39 0.00	69.40 -1.34 0.00	84.93 -1.68 0.00	85.26 -0.83 0.00
FREEPORT_EQUUS_GT1 23764	65.86 4.68 0.00	83.98 5.75 -0.01	68.74 4.68 0.00	59.80 3.96 0.00	63.71 4.19 -3.01	48.63 3.52 0.00	49.94 4.16 -0.10	64.19 5.98 0.00	63.93 5.70 0.00	47.02 3.83 0.00	92.84 6.40 -28.55	85.51 7.91 -6.38	79.07 6.83 -11.03	83.99 7.53 -7.73	82.90 7.76 -4.99	89.48 8.47 -1.79	110.41 11.12 0.00	134.33 12.53 -10.52	124.13 12.09 -3.14	113.45 10.43 -14.24	95.11 9.96 -2.67	98.53 8.42 -19.37	130.64 10.22 -33.81	131.24 9.71 -35.44
FREEPORT___CT2 23818	65.86 4.68 0.00	83.98 5.75 -0.01	68.74 4.68 0.00	59.80 3.96 0.00	63.71 4.19 -3.01	48.63 3.52 0.00	49.94 4.16 -0.10	64.19 5.98 0.00	63.93 5.70 0.00	47.02 3.83 0.00	92.84 6.40 -28.55	85.51 7.91 -6.38	79.07 6.83 -11.03	83.99 7.53 -7.73	82.90 7.76 -4.99	89.48 8.47 -1.79	110.41 11.12 0.00	134.33 12.53 -10.52	124.13 12.09 -3.14	113.45 10.43 -14.24	95.11 9.96 -2.67	98.53 8.42 -19.37	130.64 10.22 -33.81	131.24 9.71 -35.44
FRESHKLS_33_KV_LOAD 356253	109.20 4.17 -43.86	106.97 5.11 -23.64	74.50 4.15 -6.30	76.86 3.69 -17.32	75.41 3.68 -15.22	73.33 2.98 -25.25	74.80 3.66 -25.46	81.18 5.42 -17.55	79.91 5.32 -16.36	74.09 3.71 -27.19	77.43 5.51 -14.03	99.82 6.84 -21.76	99.64 5.83 -32.59	99.82 6.61 -24.49	100.11 6.90 -23.05	100.55 7.93 -13.41	146.22 10.34 -36.58	314.23 11.93 -191.02	361.59 11.27 -241.42	387.46 9.32 -289.37	356.06 8.88 -264.69	180.47 7.50 -102.23	128.13 8.74 -32.79	102.94 8.01 -8.84
FULTON COGEN____ 23766	59.03 -2.15 0.00	75.40 -2.83 0.00	61.67 -2.39 0.00	53.71 -2.14 0.00	54.46 -2.04 0.00	43.68 -1.43 0.00	44.43 -1.25 0.00	56.69 -1.52 0.00	56.75 -1.48 0.00	42.11 -1.09 0.00	56.27 -1.63 0.00	69.08 -2.14 0.00	59.23 -1.99 0.00	66.66 -2.06 0.00	68.09 -2.07 0.00	77.26 -2.11 -0.15	96.87 -2.42 0.00	108.68 -2.60 0.00	106.49 -2.41 0.00	86.77 -2.01 0.00	80.56 -1.93 0.00	69.59 -1.82 -0.67	84.43 -2.18 0.00	83.76 -2.32 0.00
FULTON___LFGE 323630	64.30 3.13 0.00	82.17 3.95 0.00	67.28 3.22 0.00	58.66 2.82 0.00	59.46 2.95 0.00	47.64 2.53 0.00	48.52 2.84 0.00	62.02 3.81 0.00	61.39 3.16 0.00	45.03 1.84 0.00	60.10 2.20 0.00	74.29 3.07 0.00	63.74 2.53 0.00	71.77 3.05 0.00	73.52 3.36 0.00	86.30 4.44 -2.65	105.76 6.46 0.00	136.00 7.97 -16.75	130.83 7.89 -14.04	158.77 6.30 -63.69	96.92 5.67 -8.77	87.43 4.74 -11.94	92.19 5.57 0.00	91.31 5.22 0.00
G.F.CEMENT___DRP 24184	64.95 3.77 0.00	82.99 4.77 0.00	68.00 3.94 0.00	59.26 3.42 0.00	60.09 3.58 0.00	48.23 3.12 0.00	49.35 3.67 0.00	63.28 5.08 0.00	63.13 4.90 0.00	46.40 3.20 0.00	62.16 4.27 0.00	76.51 5.29 0.00	65.68 4.47 0.00	73.82 5.10 0.00	75.92 5.76 0.00	88.95 7.23 -2.51	108.59 9.29 0.00	138.84 10.41 -17.14	133.47 10.23 -14.34	162.32 8.49 -65.05	99.06 7.62 -8.95	88.11 6.30 -11.08	93.83 7.23 0.00	92.75 6.66 0.00
GARDENVILLE___LBMP 24039	55.40 -5.77 0.00	70.25 -7.64 0.34	55.81 -6.80 1.46	43.35 -6.28 6.22	39.04 -5.61 11.85	30.81 -3.58 10.71	34.71 -3.62 7.35	53.62 -4.59 0.00	53.55 -4.68 0.00	39.82 -3.38 0.00	53.02 -4.88 0.18	64.90 -6.13 0.18	51.67 -5.36 4.18	57.00 -6.09 5.63	59.56 -6.41 4.19	64.24 -6.90 8.07	90.67 -8.63 0.00	102.09 -10.07 -0.88	100.48 -9.00 -0.58	76.18 -7.88 4.71	50.11 -6.83 25.54	58.13 -6.12 6.50	80.71 -5.89 0.00	80.00 -6.10 0.00
GARDNVLA_35_KV_LD 355827	55.69 -5.49 0.00	70.64 -7.32 0.27	56.34 -6.55 1.17	44.75 -6.09 5.01	41.51 -5.42 9.57	33.06 -3.43 8.62	36.36 -3.41 5.91	53.94 -4.27 0.00	53.87 -4.36 0.00	40.02 -3.18 0.00	53.29 -4.60 0.00	65.27 -5.79 0.15	52.71 -5.11 3.38	58.36 -5.81 4.55	60.62 -6.15 3.39	65.82 -6.55 6.84	91.12 -8.18 0.00	102.59 -9.58 -0.89	101.01 -8.47 -0.59	78.07 -7.42 3.29	55.45 -6.45 20.58	60.00 -5.78 4.97	81.15 -5.46 0.00	80.43 -5.66 0.00
GELCKHM__115KV_LOAD 80723	59.78 -1.40 0.00	76.36 -1.87 0.00	62.40 -1.66 0.00	54.35 -1.50 0.00	55.14 -1.37 0.00	44.28 -0.83 0.00	45.08 -0.60 0.00	57.56 -0.65 0.00	57.67 -0.56 0.00	42.77 -0.42 0.00	57.20 -0.69 0.00	70.28 -0.94 0.00	60.32 -0.90 0.00	67.74 -0.98 0.00	69.21 -0.95 0.00	78.59 -0.81 -0.19	98.47 -0.82 0.00	110.41 -0.88 0.00	108.18 -0.72 0.00	88.07 -0.71 0.00	81.75 -0.74 0.00	70.77 -0.81 -0.84	85.73 -0.88 0.00	85.05 -1.04 0.00
GENERAL___MILLS 23808	55.60 -5.58 0.00	70.54 -7.39 0.29	56.20 -6.61 1.25	44.38 -6.12 5.34	40.84 -5.47 10.19	32.45 -3.48 9.19	35.91 -3.46 6.30	53.83 -4.37 0.00	53.76 -4.47 0.00	39.94 -3.26 0.00	53.17 -4.72 0.00	65.12 -5.94 0.16	52.40 -5.22 3.60	57.96 -5.92 4.85	60.30 -6.25 3.61	65.33 -6.71 7.18	90.93 -8.36 0.00	102.36 -9.80 -0.88	100.77 -8.71 -0.58	77.48 -7.62 3.68	53.95 -6.62 21.92	59.44 -5.92 5.38	80.98 -5.63 0.00	80.25 -5.84 0.00
GE_PLASTICS___DRP 24183	63.00 1.82 0.00	80.59 2.37 0.00	66.13 2.08 0.00	57.62 1.78 0.00	58.35 1.84 0.00	46.35 1.24 0.00	47.07 1.39 0.00	60.25 2.05 0.00	60.25 2.02 0.00	44.55 1.35 0.00	59.83 1.93 0.00	73.62 2.40 0.00	63.27 2.06 0.00	71.08 2.36 0.00	72.79 2.63 0.00	84.65 3.01 -2.42	102.82 3.52 0.00	122.88 3.68 -7.92	119.63 3.80 -6.93	123.30 3.11 -31.42	89.91 3.10 -4.33	84.04 2.66 -10.64	89.87 3.26 0.00	89.45 3.37 0.00
GILBOA___1 23756	62.95 1.78 0.00	80.72 2.49 0.00	66.36 2.31 0.00	57.83 1.99 0.00	58.56 2.05 0.00	46.27 1.17 0.00	47.08 1.40 0.00	60.33 2.12 0.00	60.33 2.10 0.00	44.65 1.45 0.00	60.06 2.16 0.00	73.86 2.64 0.00	63.48 2.27 0.00	71.28 2.55 0.00	72.89 2.73 0.00	84.27 3.23 -1.82	103.27 3.97 0.00	117.98 4.15 -2.54	115.97 4.26 -2.81	105.09 3.58 -12.74	87.66 3.42 -1.75	81.97 2.84 -8.38	90.19 3.58 0.00	89.46 3.37 0.00
GILBOA___2 23757	62.95 1.78 0.00	80.72 2.49 0.00	66.36 2.31 0.00	57.83 1.99 0.00	58.56 2.05 0.00	46.27 1.17 0.00	47.08 1.40 0.00	60.33 2.12 0.00	60.33 2.10 0.00	44.65 1.45 0.00	60.06 2.16 0.00	73.86 2.64 0.00	63.48 2.27 0.00	71.28 2.55 0.00	72.89 2.73 0.00	84.27 3.23 -1.82	103.27 3.97 0.00	117.98 4.15 -2.54	115.97 4.26 -2.81	105.09 3.58 -12.74	87.66 3.42 -1.75	81.97 2.84 -8.38	90.19 3.58 0.00	89.46 3.37 0.00

GILBOA___3 23758	62.95 1.78 0.00	80.72 2.49 0.00	66.36 2.31 0.00	57.83 1.99 0.00	58.56 2.05 0.00	46.27 1.17 0.00	47.08 1.40 0.00	60.33 2.12 0.00	60.33 2.10 0.00	44.65 1.45 0.00	60.06 2.16 0.00	73.86 2.64 0.00	63.48 2.27 0.00	71.28 2.55 0.00	72.89 2.73 0.00	84.27 3.23 -1.82	103.27 3.97 0.00	117.98 4.15 -2.54	115.97 4.26 -2.81	105.09 3.58 -12.74	87.66 3.42 -1.75	81.97 2.84 -8.38	90.19 3.58 0.00	89.46 3.37 0.00
GILBOA___4 23759	62.95 1.78 0.00	80.72 2.49 0.00	66.36 2.31 0.00	57.83 1.99 0.00	58.56 2.05 0.00	46.27 1.17 0.00	47.08 1.40 0.00	60.33 2.12 0.00	60.33 2.10 0.00	44.65 1.45 0.00	60.06 2.16 0.00	73.86 2.64 0.00	63.48 2.27 0.00	71.28 2.55 0.00	72.89 2.73 0.00	84.27 3.23 -1.82	103.27 3.97 0.00	117.98 4.15 -2.54	115.97 4.26 -2.81	105.09 3.58 -12.74	87.66 3.42 -1.75	81.97 2.84 -8.38	90.19 3.58 0.00	89.46 3.37 0.00
GILBOA___ 23599	62.95 1.78 0.00	80.72 2.49 0.00	66.37 2.31 0.00	57.83 1.99 0.00	58.56 2.05 0.00	46.27 1.17 0.00	47.09 1.41 0.00	60.33 2.12 0.00	60.33 2.10 0.00	44.65 1.45 0.00	60.06 2.16 0.00	73.86 2.64 0.00	63.48 2.27 0.00	71.27 2.55 0.00	72.89 2.73 0.00	84.27 3.23 -1.82	103.28 3.98 0.00	117.98 4.15 -2.54	115.96 4.26 -2.81	105.09 3.57 -12.74	87.66 3.42 -1.75	81.98 2.85 -8.38	90.19 3.58 0.00	89.46 3.37 0.00
GINNA___ 23603	55.54 -5.63 0.00	70.88 -7.34 0.00	57.86 -6.20 0.00	50.28 -5.56 0.00	51.24 -5.27 0.00	41.39 -3.71 0.00	42.12 -3.56 0.00	53.81 -4.40 0.00	53.87 -4.36 0.00	40.21 -2.98 0.00	53.59 -4.30 0.00	65.86 -5.37 0.00	56.44 -4.77 0.00	63.29 -5.43 0.00	64.56 -5.60 0.00	73.73 -5.99 -0.51	92.16 -7.13 0.00	103.13 -8.16 0.00	101.37 -7.52 0.00	82.33 -6.45 0.00	76.58 -5.91 0.00	66.60 -5.19 -1.05	80.95 -5.65 0.00	80.33 -5.76 0.00
GLEN PARK___ 23778	59.74 -1.44 0.00	76.89 -1.33 0.00	62.77 -1.29 0.00	54.43 -1.42 0.00	55.25 -1.26 0.00	44.15 -0.96 0.00	44.92 -0.76 0.00	57.85 -0.36 0.00	58.09 -0.13 0.00	43.33 0.13 0.00	58.04 0.14 0.00	70.77 -0.45 0.00	60.40 -0.81 0.00	67.42 -1.30 0.00	68.70 -1.46 0.00	78.24 -1.07 -0.10	99.34 0.05 0.00	111.61 0.33 0.00	109.95 1.06 0.00	89.62 0.85 0.00	82.72 0.23 0.00	71.08 -0.11 -0.45	86.38 -0.23 0.00	86.25 0.16 0.00
GLENDALE_27_KV_LOAD 356172	65.22 4.04 -0.01	83.13 4.89 -0.01	68.17 4.11 0.00	59.36 3.51 -0.01	60.08 3.56 -0.01	48.04 2.93 0.00	49.25 3.57 0.00	63.62 5.41 0.00	63.69 5.46 0.00	47.06 3.86 0.00	67.62 6.04 -3.68	79.56 7.41 -0.94	69.09 6.41 -1.47	77.65 7.18 -1.75	77.89 7.45 -0.28	89.51 8.41 -1.89	110.11 10.81 -0.01	134.58 12.41 -10.89	123.83 11.79 -3.14	112.77 9.77 -14.23	93.62 9.17 -1.96	86.58 7.66 -8.17	95.69 9.07 0.00	94.47 8.38 0.00
GLENWOOD_IC_1_G5 23712	65.34 4.17 0.00	83.35 5.12 0.00	68.32 4.26 0.00	59.45 3.61 0.00	62.31 3.75 -2.05	48.23 3.12 0.00	49.47 3.72 -0.06	63.48 5.27 0.00	63.43 5.20 0.00	46.89 3.69 0.00	83.09 6.04 -19.16	82.33 7.45 -3.66	74.97 6.43 -7.32	80.48 7.16 -4.60	80.10 7.37 -2.57	88.90 7.90 -1.79	109.33 10.03 0.00	133.24 11.44 -10.52	122.96 10.93 -3.13	112.27 9.25 -14.24	93.57 8.64 -2.44	93.89 7.37 -15.78	118.88 9.28 -22.99	118.82 8.70 -24.03
GLENWOOD_IC_2_G1 23688	65.04 3.86 0.00	82.94 4.71 0.00	68.03 3.97 0.00	59.20 3.36 0.00	60.72 3.45 -0.77	47.98 2.88 0.00	49.15 3.45 -0.03	63.29 5.08 0.00	63.23 5.00 0.00	46.67 3.47 0.00	72.96 5.65 -9.41	78.95 6.96 -0.76	70.63 6.02 -3.39	76.68 6.69 -1.28	77.09 6.93 0.00	88.71 7.71 -1.79	109.29 9.99 0.00	133.22 11.42 -10.52	122.91 10.88 -3.13	112.17 9.17 -14.23	93.18 8.56 -2.14	89.25 7.20 -11.31	104.50 8.62 -9.27	105.02 8.09 -10.84
GLENWOOD_IC_3_G1 23689	65.04 3.86 0.00	82.94 4.71 0.00	68.03 3.97 0.00	59.20 3.36 0.00	60.72 3.45 -0.77	47.98 2.88 0.00	49.15 3.45 -0.03	63.29 5.08 0.00	63.23 5.00 0.00	46.67 3.47 0.00	72.96 5.65 -9.41	78.95 6.96 -0.76	70.63 6.02 -3.39	76.68 6.69 -1.28	77.09 6.93 0.00	88.71 7.71 -1.79	109.29 9.99 0.00	133.22 11.42 -10.52	122.91 10.88 -3.13	112.17 9.17 -14.23	93.18 8.56 -2.14	89.25 7.20 -11.31	104.50 8.62 -9.27	105.02 8.09 -10.84
GLENWOOD___4 23550	65.34 4.17 0.00	83.35 5.12 0.00	68.32 4.26 0.00	59.45 3.61 0.00	62.31 3.75 -2.05	48.23 3.12 0.00	49.47 3.73 -0.06	63.55 5.33 0.00	63.47 5.24 0.00	46.89 3.69 0.00	83.09 6.04 -19.16	82.33 7.45 -3.66	74.97 6.43 -7.32	80.48 7.16 -4.60	80.11 7.38 -2.57	89.00 8.00 -1.79	109.53 10.23 0.00	133.54 11.73 -10.52	123.22 11.19 -3.13	112.49 9.48 -14.24	93.79 8.86 -2.44	94.05 7.53 -15.78	118.88 9.28 -22.99	118.82 8.70 -24.03
GLENWOOD___5 23614	65.34 4.17 0.00	83.35 5.12 0.00	68.32 4.26 0.00	59.45 3.61 0.00	62.31 3.75 -2.05	48.23 3.12 0.00	49.47 3.73 -0.06	63.55 5.33 0.00	63.47 5.24 0.00	46.89 3.69 0.00	83.09 6.04 -19.16	82.33 7.45 -3.66	74.97 6.43 -7.32	80.48 7.16 -4.60	80.11 7.38 -2.57	89.00 8.00 -1.79	109.53 10.23 0.00	133.54 11.73 -10.52	123.22 11.19 -3.13	112.49 9.48 -14.24	93.79 8.86 -2.44	94.05 7.53 -15.78	118.88 9.28 -22.99	118.82 8.70 -24.03
GLOBAL GREEN_PORT_GT1 23814	67.50 6.31 -0.01	85.81 7.57 -0.01	69.65 5.59 0.00	60.70 4.86 0.00	65.46 5.16 -3.79	49.30 4.19 -0.01	50.54 4.82 -0.04	64.97 6.76 -0.01	64.43 6.20 0.00	46.85 3.66 0.00	68.19 6.05 -4.24	78.26 7.73 0.68	69.27 6.63 -1.43	75.31 6.97 0.38	76.16 7.29 1.28	89.45 8.45 -1.79	111.50 12.21 0.00	136.50 14.70 -10.52	126.30 14.27 -3.14	115.39 12.35 -14.26	96.61 11.27 -2.85	98.61 9.27 -18.59	131.65 10.95 -34.10	118.07 10.54 -21.45
GLOBE___DSASP 323697	53.53 -7.65 0.00	68.02 -9.99 0.22	54.50 -8.60 0.95	43.84 -7.94 4.07	41.42 -7.35 7.74	32.95 -5.14 7.02	35.46 -5.40 4.82	51.14 -7.06 0.00	51.18 -7.05 0.00	38.42 -4.78 0.00	51.11 -6.79 0.00	62.58 -8.51 0.12	50.96 -7.50 2.74	56.46 -8.56 3.70	58.35 -9.06 2.75	63.00 -9.96 6.26	87.02 -12.28 0.00	97.84 -14.25 -0.81	96.49 -12.94 -0.53	75.36 -11.02 2.40	55.91 -9.91 16.67	58.54 -8.33 3.87	78.57 -8.04 0.00	78.11 -7.98 0.00
GOETHSLN___LBMP 323567	64.33 3.15 0.00	82.01 3.79 0.00	67.32 3.26 0.00	58.57 2.72 0.00	59.25 2.74 0.00	47.38 2.27 0.00	48.54 2.86 0.00	62.66 4.45 0.00	62.69 4.46 0.00	46.25 3.14 0.09	62.35 5.05 0.60	77.30 6.23 0.15	66.43 5.38 0.16	75.31 6.02 -0.57	75.58 6.26 0.84	87.73 7.04 -1.49	107.69 9.12 0.72	129.61 10.44 -7.89	118.54 9.81 0.16	110.59 8.18 -13.64	92.17 7.73 -1.96	85.40 6.49 -8.17	94.23 7.63 0.00	93.06 6.97 0.00
GOLAH___69_KV_TB 1_2 80279	57.72 -3.46 0.00	73.50 -4.72 0.00	59.93 -4.12 0.00	52.02 -3.83 -0.01	53.14 -3.37 0.00	43.10 -2.03 -0.02	43.78 -1.91 -0.01	55.90 -2.31 0.00	55.96 -2.27 0.00	41.75 -1.45 0.00	55.61 -2.29 0.00	68.26 -2.96 0.00	58.46 -2.75 0.00	65.49 -3.23 0.00	66.79 -3.37 0.00	76.09 -3.46 -0.34	95.42 -3.87 0.00	107.46 -4.34 -0.52	105.75 -3.58 -0.43	87.45 -3.27 -1.94	79.96 -2.79 -0.27	69.28 -2.56 -1.10	84.54 -2.07 0.00	83.82 -2.27 0.00

GOODYEAR_LAKE_HYD 323669	63.10 1.92 0.00	80.55 2.33 0.00	65.96 1.90 0.00	57.50 1.65 0.00	58.34 1.83 0.00	46.69 1.58 0.00	47.59 1.91 0.00	61.05 2.84 0.00	61.06 2.84 0.00	45.28 2.09 0.00	60.77 2.88 0.00	74.71 3.49 0.00	64.20 2.98 0.00	72.05 3.33 0.00	73.49 3.33 0.00	83.61 3.97 -0.43	104.68 5.38 0.00	123.94 6.18 -6.48	120.06 6.10 -5.06	116.51 4.79 -22.95	89.93 4.28 -3.16	76.88 3.45 -2.69	90.68 4.07 0.00	89.84 3.75 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	60.81 -0.37 0.00	77.66 -0.60 -0.04	63.30 -0.92 -0.17	55.76 -0.79 -0.71	57.29 -0.57 -1.35	46.37 0.03 -1.22	46.77 0.25 -0.84	58.78 0.57 0.00	58.93 0.70 0.00	43.52 0.33 0.00	58.31 0.41 0.00	71.81 0.57 -0.02	62.09 0.41 -0.47	69.81 0.45 -0.63	71.13 0.49 -0.47	80.91 0.88 -0.82	100.29 0.99 0.00	114.05 0.90 -1.86	111.14 1.01 -1.24	95.93 0.72 -6.43	86.88 0.70 -3.69	74.64 0.20 -3.70	87.06 0.46 0.00	86.42 0.33 0.00
GOUDEY___7 23579	60.81 -0.37 0.00	77.66 -0.60 -0.04	63.30 -0.92 -0.17	55.76 -0.79 -0.71	57.29 -0.57 -1.35	46.37 0.03 -1.22	46.77 0.25 -0.84	58.78 0.57 0.00	58.93 0.70 0.00	43.52 0.33 0.00	58.31 0.41 0.00	71.81 0.57 -0.02	62.09 0.41 -0.47	69.81 0.45 -0.63	71.13 0.49 -0.47	80.91 0.88 -0.82	100.29 0.99 0.00	114.05 0.90 -1.86	111.14 1.01 -1.24	95.93 0.72 -6.43	86.88 0.70 -3.69	74.64 0.20 -3.70	87.06 0.46 0.00	86.42 0.33 0.00
GOUDEY___8 23580	60.81 -0.37 0.00	77.66 -0.60 -0.04	63.30 -0.92 -0.17	55.76 -0.79 -0.71	57.29 -0.57 -1.35	46.37 0.03 -1.22	46.77 0.25 -0.84	58.78 0.57 0.00	58.93 0.70 0.00	43.52 0.33 0.00	58.31 0.41 0.00	71.81 0.57 -0.02	62.09 0.41 -0.47	69.81 0.45 -0.63	71.13 0.49 -0.47	80.91 0.88 -0.82	100.29 0.99 0.00	114.05 0.90 -1.86	111.14 1.01 -1.24	95.93 0.72 -6.43	86.88 0.70 -3.69	74.64 0.20 -3.70	87.06 0.46 0.00	86.42 0.33 0.00
GOWANUS_GT1_1 24077	109.21 4.18 -43.86	106.94 5.07 -23.64	74.57 4.22 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.80 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.44 5.95 -17.59	100.36 7.38 -21.76	100.17 6.36 -32.59	100.34 7.13 -24.49	100.62 7.42 -23.05	101.02 8.40 -13.41	146.73 10.86 -36.58	314.71 12.41 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.44 9.26 -264.69	180.73 7.75 -102.23	128.50 9.10 -32.79	103.31 8.38 -8.84
GOWANUS_GT1_2 24078	109.21 4.18 -43.86	106.94 5.07 -23.64	74.57 4.22 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.80 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.44 5.95 -17.59	100.36 7.38 -21.76	100.17 6.36 -32.59	100.34 7.13 -24.49	100.62 7.42 -23.05	101.02 8.40 -13.41	146.73 10.86 -36.58	314.71 12.41 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.44 9.26 -264.69	180.73 7.75 -102.23	128.50 9.10 -32.79	103.31 8.38 -8.84
GOWANUS_GT1_3 24079	109.21 4.18 -43.86	106.94 5.07 -23.64	74.57 4.22 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.80 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.44 5.95 -17.59	100.36 7.38 -21.76	100.17 6.36 -32.59	100.34 7.13 -24.49	100.62 7.42 -23.05	101.02 8.40 -13.41	146.73 10.86 -36.58	314.71 12.41 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.44 9.26 -264.69	180.73 7.75 -102.23	128.50 9.10 -32.79	103.31 8.38 -8.84
GOWANUS_GT1_4 24080	109.21 4.18 -43.86	106.94 5.07 -23.64	74.57 4.22 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.80 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.44 5.95 -17.59	100.36 7.38 -21.76	100.17 6.36 -32.59	100.34 7.13 -24.49	100.62 7.42 -23.05	101.02 8.40 -13.41	146.73 10.86 -36.58	314.71 12.41 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.44 9.26 -264.69	180.73 7.75 -102.23	128.50 9.10 -32.79	103.31 8.38 -8.84
GOWANUS_GT1_5 24084	109.21 4.18 -43.86	106.94 5.07 -23.64	74.57 4.22 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.80 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.44 5.95 -17.59	100.36 7.38 -21.76	100.17 6.36 -32.59	100.34 7.13 -24.49	100.62 7.42 -23.05	101.02 8.40 -13.41	146.73 10.86 -36.58	314.71 12.41 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.44 9.26 -264.69	180.73 7.75 -102.23	128.50 9.10 -32.79	103.31 8.38 -8.84
GOWANUS_GT1_6 24111	109.21 4.18 -43.86	106.94 5.07 -23.64	74.57 4.22 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.80 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.44 5.95 -17.59	100.36 7.38 -21.76	100.17 6.36 -32.59	100.34 7.13 -24.49	100.62 7.42 -23.05	101.02 8.40 -13.41	146.73 10.86 -36.58	314.71 12.41 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.44 9.26 -264.69	180.73 7.75 -102.23	128.50 9.10 -32.79	103.31 8.38 -8.84
GOWANUS_GT1_7 24112	109.21 4.18 -43.86	106.94 5.07 -23.64	74.57 4.22 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.80 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.44 5.95 -17.59	100.36 7.38 -21.76	100.17 6.36 -32.59	100.34 7.13 -24.49	100.62 7.42 -23.05	101.02 8.40 -13.41	146.73 10.86 -36.58	314.71 12.41 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.44 9.26 -264.69	180.73 7.75 -102.23	128.50 9.10 -32.79	103.31 8.38 -8.84
GOWANUS_GT1_8 24113	109.21 4.18 -43.86	106.94 5.07 -23.64	74.57 4.22 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.80 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.44 5.95 -17.59	100.36 7.38 -21.76	100.17 6.36 -32.59	100.34 7.13 -24.49	100.62 7.42 -23.05	101.02 8.40 -13.41	146.73 10.86 -36.58	314.71 12.41 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.44 9.26 -264.69	180.73 7.75 -102.23	128.50 9.10 -32.79	103.31 8.38 -8.84
GOWANUS_GT2_1 24114	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.43 -23.05	101.04 8.42 -13.41	146.74 10.87 -36.58	314.69 12.39 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.42 9.24 -264.69	180.72 7.75 -102.23	128.52 9.12 -32.79	103.31 8.38 -8.84
GOWANUS_GT2_2 24115	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.43 -23.05	101.04 8.42 -13.41	146.74 10.87 -36.58	314.69 12.39 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.42 9.24 -264.69	180.72 7.75 -102.23	128.52 9.12 -32.79	103.31 8.38 -8.84
GOWANUS_GT2_3 24116	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.43 -23.05	101.04 8.42 -13.41	146.74 10.87 -36.58	314.69 12.39 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.42 9.24 -264.69	180.72 7.75 -102.23	128.52 9.12 -32.79	103.31 8.38 -8.84

GOWANUS_GT2_4 24117	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.43 -23.05	101.04 8.42 -13.41	146.74 10.87 -36.58	314.69 12.39 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.42 9.24 -264.69	180.72 7.75 -102.23	128.52 9.12 -32.79	103.31 8.38 -8.84
GOWANUS_GT2_5 24118	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.43 -23.05	101.04 8.42 -13.41	146.74 10.87 -36.58	314.69 12.39 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.42 9.24 -264.69	180.72 7.75 -102.23	128.52 9.12 -32.79	103.31 8.38 -8.84
GOWANUS_GT2_6 24119	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.43 -23.05	101.04 8.42 -13.41	146.74 10.87 -36.58	314.69 12.39 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.42 9.24 -264.69	180.72 7.75 -102.23	128.52 9.12 -32.79	103.31 8.38 -8.84
GOWANUS_GT2_7 24120	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.43 -23.05	101.04 8.42 -13.41	146.74 10.87 -36.58	314.69 12.39 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.42 9.24 -264.69	180.72 7.75 -102.23	128.52 9.12 -32.79	103.31 8.38 -8.84
GOWANUS_GT2_8 24121	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.43 -23.05	101.04 8.42 -13.41	146.74 10.87 -36.58	314.69 12.39 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.42 9.24 -264.69	180.72 7.75 -102.23	128.52 9.12 -32.79	103.31 8.38 -8.84
GOWANUS_GT3_1 24122	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.43 -23.05	101.04 8.42 -13.41	146.74 10.87 -36.58	314.69 12.39 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.42 9.24 -264.69	180.72 7.75 -102.23	128.52 9.12 -32.79	103.31 8.38 -8.84
GOWANUS_GT3_2 24123	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.4									

GOWANUS_GT4_3 24132	109.21 4.18 -43.86	106.94 5.07 -23.64	74.57 4.22 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.80 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.44 5.95 -17.59	100.36 7.38 -21.76	100.17 6.36 -32.59	100.34 7.13 -24.49	100.62 7.42 -23.05	101.02 8.40 -13.41	146.73 10.86 -36.58	314.71 12.41 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.44 9.26 -264.69	180.73 7.75 -102.23	128.50 9.10 -32.79	103.31 8.38 -8.84
GOWANUS_GT4_4 24133	109.21 4.18 -43.86	106.94 5.07 -23.64	74.57 4.22 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.80 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.44 5.95 -17.59	100.36 7.38 -21.76	100.17 6.36 -32.59	100.34 7.13 -24.49	100.62 7.42 -23.05	101.02 8.40 -13.41	146.73 10.86 -36.58	314.71 12.41 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.44 9.26 -264.69	180.73 7.75 -102.23	128.50 9.10 -32.79	103.31 8.38 -8.84
GOWANUS_GT4_5 24134	109.21 4.18 -43.86	106.94 5.07 -23.64	74.57 4.22 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.80 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.44 5.95 -17.59	100.36 7.38 -21.76	100.17 6.36 -32.59	100.34 7.13 -24.49	100.62 7.42 -23.05	101.02 8.40 -13.41	146.73 10.86 -36.58	314.71 12.41 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.44 9.26 -264.69	180.73 7.75 -102.23	128.50 9.10 -32.79	103.31 8.38 -8.84
GOWANUS_GT4_6 24135	109.21 4.18 -43.86	106.94 5.07 -23.64	74.57 4.22 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.80 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.44 5.95 -17.59	100.36 7.38 -21.76	100.17 6.36 -32.59	100.34 7.13 -24.49	100.62 7.42 -23.05	101.02 8.40 -13.41	146.73 10.86 -36.58	314.71 12.41 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.44 9.26 -264.69	180.73 7.75 -102.23	128.50 9.10 -32.79	103.31 8.38 -8.84
GOWANUS_GT4_7 24136	109.21 4.18 -43.86	106.94 5.07 -23.64	74.57 4.22 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.80 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.44 5.95 -17.59	100.36 7.38 -21.76	100.17 6.36 -32.59	100.34 7.13 -24.49	100.62 7.42 -23.05	101.02 8.40 -13.41	146.73 10.86 -36.58	314.71 12.41 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.44 9.26 -264.69	180.73 7.75 -102.23	128.50 9.10 -32.79	103.31 8.38 -8.84
GOWANUS_GT4_8 24137	109.21 4.18 -43.86	106.94 5.07 -23.64	74.57 4.22 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.80 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.44 5.95 -17.59	100.36 7.38 -21.76	100.17 6.36 -32.59	100.34 7.13 -24.49	100.62 7.42 -23.05	101.02 8.40 -13.41	146.73 10.86 -36.58	314.71 12.41 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.44 9.26 -264.69	180.73 7.75 -102.23	128.50 9.10 -32.79	103.31 8.38 -8.84
GREENBSH_115KV_TB3 55895	63.06 1.88 0.00	80.64 2.41 0.00	66.15 2.10 0.00	57.65 1.81 0.00	58.38 1.87 0.00	46.35 1.24 0.00	47.05 1.37 0.00	60.24 2.04 0.00	60.23 2.00 0.00	44.53 1.33 0.00	59.78 1.88 0.00	73.58 2.36 0.00	63.24 2.03 0.00	71.07 2.35 0.00	72.79 2.64 0.00	84.57 2.92 -2.43	102.50 3.20 0.00	123.96 3.19 -9.49	120.52 3.47 -8.15	128.58 2.82 -36.98	90.53 2.95 -5.09	84.00 2.55 -10.70	89.71 3.10 0.00	89.49 3.40 0.00
GREENDGE_115KV_TB5 80291	59.01 -2.17 0.00	75.62 -3.06 -0.45	63.04 -2.98 -1.96	61.51 -2.70 -8.36	69.99 -2.43 -15.91	58.55 -0.98 -14.42	55.03 -0.55 -9.90	57.85 -0.36 0.00	58.15 -0.08 0.00	43.16 -0.03 0.00	57.03 -0.87 0.00	70.00 -1.47 -0.24	65.29 -1.46 -5.54	74.26 -1.93 -7.47	73.89 -1.83 -5.56	85.60 -1.58 -7.97	97.36 -1.94 0.00	109.75 -2.65 -1.11	107.43 -2.20 -0.73	99.77 -2.05 -13.04	115.38 -1.92 -34.81	81.14 -1.90 -12.30	84.83 -1.78 0.00	84.20 -1.89 0.00
GREENIDGE___3 23582	59.01 -2.17 0.00	75.62 -3.06 -0.45	63.04 -2.98 -1.96	61.51 -2.70 -8.36	69.99 -2.43 -15.91	58.55 -0.98 -14.42	55.03 -0.55 -9.90	57.85 -0.36 0.00	58.15 -0.08 0.00	43.16 -0.03 0.00	57.03 -0.87 0.00	70.00 -1.47 -0.24	65.29 -1.46 -5.54	74.26 -1.93 -7.47	73.89 -1.83 -5.56	85.60 -1.58 -7.97	97.36 -1.94 0.00	109.75 -2.65 -1.11	107.43 -2.20 -0.73	99.77 -2.05 -13.04	115.38 -1.92 -34.81	81.14 -1.90 -12.30	84.83 -1.78 0.00	84.20 -1.89 0.00
GREENIDGE___4 23583	59.01 -2.17 0.00	75.62 -3.06 -0.45	63.04 -2.98 -1.96	61.51 -2.70 -8.36	69.97 -2.45 -15.91	58.54 -0.98 -14.42	55.03 -0.55 -9.90	57.83 -0.37 0.00	58.15 -0.07 0.00	43.16 -0.04 0.00	57.03 -0.87 0.00	70.00 -1.46 -0.24	65.29 -1.46 -5.54	74.25 -1.94 -7.47	73.88 -1.84 -5.56	85.59 -1.59 -7.97	97.36 -1.93 0.00	109.76 -2.64 -1.11	107.43 -2.20 -0.73	99.75 -2.06 -13.04	115.39 -1.90 -34.81	81.15 -1.89 -12.30	84.82 -1.79 0.00	84.20 -1.88 0.00
GREENLWN_69_KV_BK 3 55738	65.90 4.71 -0.01	84.10 5.86 -0.01	68.80 4.75 0.00	59.86 4.01 0.00	64.54 4.30 -3.74	48.66 3.55 -0.01	49.90 4.18 -0.04	64.12 5.90 -0.01	63.84 5.61 0.00	46.93 3.73 0.00	69.22 6.33 -4.99	78.62 7.86 0.45	69.76 6.81 -1.73	76.08 7.49 0.12	76.80 7.72 1.08	89.41 8.40 -1.79	110.25 10.96 0.00	134.28 12.47 -10.52	124.12 12.09 -3.14	113.49 10.46 -14.26	95.10 9.77 -2.84	97.61 8.33 -18.54	130.67 10.23 -33.83	117.47 9.65 -21.74
GREENWD_138_KV_38B11_REV_LBMP_J 345004	109.21 4.18 -43.86	106.94 5.07 -23.64	74.57 4.22 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.80 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.44 5.95 -17.59	100.36 7.38 -21.76	100.17 6.36 -32.59	100.34 7.13 -24.49	100.62 7.42 -23.05	101.02 8.40 -13.41	146.73 10.86 -36.58	314.71 12.41 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.44 9.26 -264.69	180.73 7.75 -102.23	128.50 9.10 -32.79	103.31 8.38 -8.84
GRISSOM___SOLAR 323813	64.35 3.17 0.00	82.25 4.03 0.00	67.36 3.30 0.00	58.72 2.87 0.00	59.51 3.00 0.00	47.66 2.55 0.00	48.55 2.87 0.00	62.07 3.87 0.00	61.37 3.14 0.00	44.96 1.76 0.00	60.01 2.11 0.00	74.24 3.03 0.00	63.64 2.43 0.00	71.66 2.94 0.00	73.51 3.35 0.00	86.40 4.56 -2.62	105.86 6.56 0.00	136.33 8.06 -16.98	131.10 7.96 -14.25	159.80 6.39 -64.63	97.15 5.77 -8.90	87.39 4.81 -11.84	92.30 5.69 0.00	91.43 5.34 0.00
GROVEVILLE___HYD 323602	65.27 4.10 0.00	83.24 5.02 0.00	68.34 4.29 0.00	59.47 3.63 0.00	60.22 3.71 0.00	48.18 3.07 0.00	49.31 3.64 0.00	63.56 5.35 0.00	63.55 5.32 0.00	46.87 3.67 0.00	63.42 5.53 0.00	77.89 6.67 0.00	66.97 5.76 0.00	75.22 6.49 0.00	77.00 6.84 0.00	88.89 7.89 -1.79	109.71 10.42 0.00	133.63 11.96 -10.39	123.58 11.47 -3.21	112.81 9.47 -14.57	93.31 8.82 -2.01	86.27 7.35 -8.18	95.32 8.71 0.00	94.18 8.09 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	60.38 -0.80 0.00	77.11 -1.11 0.00	62.98 -1.08 0.00	54.86 -0.98 0.00	55.68 -0.83 0.00	44.77 -0.34 0.00	45.57 -0.11 0.00	58.21 0.00 0.00	58.36 0.13 0.00	43.23 0.03 0.00	57.79 -0.11 0.00	70.96 -0.25 0.00	60.96 -0.26 0.00	68.44 -0.28 0.00	69.92 -0.24 0.00	79.48 0.04 -0.22	99.60 0.30 0.00	111.68 0.40 0.00	109.40 0.50 0.00	89.07 0.30 0.00	82.62 0.13 0.00	71.60 -0.11 -0.97	86.58 -0.03 0.00	85.87 -0.22 0.00

HAMLTNNY_34_KV_TB 80303	60.57 -0.61 0.00	77.35 -0.88 0.00	63.13 -0.93 0.00	54.98 -0.87 0.00	55.84 -0.67 0.00	44.96 -0.14 0.00	45.76 0.08 0.00	58.48 0.28 0.00	58.70 0.47 0.00	43.49 0.29 0.00	58.03 0.13 0.00	71.27 0.06 0.00	61.21 0.00 0.00	68.75 0.02 0.00	70.23 0.07 0.00	79.91 0.46 -0.24	100.08 0.78 0.00	112.19 0.91 0.00	109.99 1.10 0.00	89.51 0.74 0.00	82.99 0.50 0.00	71.98 0.18 -1.05	86.99 0.38 0.00	86.27 0.18 0.00
HAMPSHIRE___PAPER_HYD 323593	60.16 -1.01 0.00	77.33 -0.90 0.00	63.24 -0.81 0.00	55.01 -0.84 0.00	55.50 -1.01 0.00	43.93 -1.18 0.00	44.07 -1.61 0.00	56.35 -1.86 0.00	56.47 -1.76 0.00	42.02 -1.17 0.00	56.30 -1.59 0.00	68.95 -2.27 0.00	59.06 -2.15 0.00	66.02 -2.71 0.00	67.47 -2.70 0.00	76.23 -3.03 -0.05	96.05 -3.25 0.00	106.81 -4.47 0.00	105.00 -3.89 0.00	85.64 -3.14 0.00	79.39 -3.10 0.00	68.90 -2.07 -0.22	84.47 -2.14 0.00	84.89 -1.19 0.00
HARDSCRABBLE_WT_PWR 323673	61.77 0.59 0.00	78.53 0.30 0.00	64.41 0.35 0.00	56.09 0.25 0.00	56.83 0.32 0.00	45.39 0.28 0.00	46.35 0.68 0.00	59.40 1.19 0.00	59.25 1.03 0.00	43.43 0.23 0.00	58.63 0.74 0.00	72.38 1.16 0.00	62.11 0.90 0.00	70.00 1.28 0.00	71.58 1.42 0.00	81.10 1.89 0.00	102.15 2.86 0.00	115.04 3.75 0.00	113.05 4.15 0.00	92.02 3.25 0.00	85.26 2.77 0.00	72.92 2.18 0.00	89.12 2.51 0.00	88.23 2.14 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	64.25 3.07 0.00	81.95 3.73 0.00	67.33 3.27 0.00	58.60 2.76 0.00	59.30 2.79 0.00	47.44 2.33 0.00	48.52 2.84 0.00	62.51 4.30 0.00	62.49 4.26 0.00	46.15 2.96 0.00	58.59 4.56 3.87	76.78 5.56 0.00	65.97 4.76 0.00	72.76 5.33 1.29	75.76 5.60 0.00	87.35 6.46 -1.67	107.80 8.50 0.00	130.65 9.80 -9.57	121.12 9.27 -2.95	109.88 7.71 -13.40	91.54 7.21 -1.84	84.45 6.04 -7.67	93.64 7.03 0.00	92.61 6.52 0.00
HARSNRAD_115KV_TB1 81005	54.07 -7.11 0.00	68.58 -9.43 0.22	54.94 -8.19 0.93	44.36 -7.47 4.02	42.03 -6.74 7.74	33.61 -4.59 6.91	36.22 -4.73 4.73	52.11 -6.09 0.00	52.11 -6.12 0.00	38.99 -4.21 0.00	51.81 -6.09 0.00	63.45 -7.65 0.12	51.95 -6.53 2.73	57.53 -7.51 3.68	59.50 -7.91 2.74	64.87 -8.69 5.65	88.44 -10.85 0.00	99.49 -12.59 -0.80	98.13 -11.29 -0.52	76.81 -9.55 2.42	57.70 -8.18 16.61	59.67 -7.20 3.87	79.50 -7.11 0.00	78.96 -7.13 0.00
HARZA MOOSE___RIVER 24016	61.05 -0.13 0.00	78.44 0.21 0.00	64.21 0.15 0.00	55.82 -0.03 0.00	56.51 0.00 0.00	45.10 -0.01 0.00	45.72 0.05 0.00	58.66 0.45 0.00	58.86 0.63 0.00	43.74 0.54 0.00	58.82 0.92 0.00	72.15 0.93 0.00	61.62 0.41 0.00	69.04 0.32 0.00	70.55 0.39 0.00	79.98 0.70 -0.07	100.70 1.41 0.00	112.75 1.46 0.00	110.66 1.77 0.00	90.28 1.50 0.00	83.60 1.12 0.00	71.88 0.85 -0.29	87.60 0.99 0.00	87.30 1.21 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	59.76 -1.42 0.00	76.31 -1.92 0.00	62.36 -1.70 0.00	54.30 -1.54 0.00	55.11 -1.40 0.00	44.28 -0.83 0.00	45.08 -0.60 0.00	57.60 -0.61 0.00	57.68 -0.54 0.00	42.79 -0.41 0.00	57.24 -0.65 0.00	70.33 -0.88 0.00	60.36 -0.85 0.00	67.77 -0.96 0.00	69.24 -0.92 0.00	78.64 -0.77 -0.19	98.52 -0.78 0.00	110.45 -0.84 0.00	108.20 -0.70 0.00	88.07 -0.70 0.00	81.80 -0.69 0.00	70.80 -0.80 -0.85	85.76 -0.85 0.00	85.08 -1.01 0.00
HELLGATE_13_KV_LD 55870	64.95 3.77 -0.01	82.79 4.56 -0.01	67.92 3.86 0.00	59.14 3.29 -0.01	59.85 3.33 -0.01	47.82 2.71 0.00	49.01 3.33 0.00	63.28 5.07 0.00	63.34 5.11 0.00	46.80 3.60 0.00	67.29 5.71 -3.68	79.17 7.02 -0.93	68.75 6.08 -1.47	77.26 6.79 -1.75	77.50 7.06 -0.28	89.05 7.94 -1.89	109.55 10.25 -0.01	133.86 11.69 -10.89	123.16 11.13 -3.14	112.23 9.22 -14.23	93.11 8.67 -1.96	86.15 7.24 -8.17	95.25 8.63 0.00	94.05 7.97 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	64.95 3.77 -0.01	82.79 4.56 -0.01	67.92 3.86 0.00	59.14 3.29 -0.01	59.85 3.33 -0.01	47.82 2.71 0.00	49.01 3.33 0.00	63.28 5.07 0.00	63.34 5.11 0.00	46.80 3.60 0.00	67.29 5.71 -3.68	79.17 7.02 -0.93	68.75 6.08 -1.47	77.26 6.79 -1.75	77.50 7.06 -0.28	89.05 7.94 -1.89	109.55 10.25 -0.01	133.86 11.69 -10.89	123.16 11.13 -3.14	112.23 9.22 -14.23	93.11 8.67 -1.96	86.15 7.24 -8.17	95.25 8.63 0.00	94.05 7.97 0.00
HEMPSTEAD____ 23647	65.35 4.17 0.00	83.34 5.11 -0.01	68.27 4.21 0.00	59.40 3.56 0.00	62.88 3.74 -2.64	48.24 3.13 0.00	49.51 3.76 -0.08	63.64 5.42 0.00	63.48 5.25 0.00	46.76 3.56 0.00	85.48 6.01 -21.57	83.22 7.43 -4.57	76.20 6.43 -8.56	81.47 7.10 -5.65	80.85 7.32 -3.38	88.95 7.94 -1.79	109.57 10.28 0.00	133.58 11.77 -10.52	123.35 11.32 -3.13	112.71 9.69 -14.24	94.15 9.08 -2.58	96.11 7.79 -17.58	124.81 9.49 -28.71	123.63 8.99 -28.55
HEWLETT_69_KV_BK3 55828	66.07 4.89 0.00	84.28 6.05 -0.01	68.94 4.88 0.00	60.01 4.17 0.00	63.83 4.39 -2.93	48.80 3.68 -0.01	50.25 4.36 -0.21	64.40 6.18 -0.01	64.10 5.87 0.00	47.22 4.02 0.00	143.53 6.69 -78.95	98.58 8.22 -19.14	96.69 7.10 -28.38	99.02 7.89 -22.41	94.60 8.12 -16.32	89.94 8.93 -1.80	110.94 11.65 0.00	134.83 13.03 -10.52	124.63 12.59 -3.13	113.87 10.87 -14.23	95.21 10.07 -2.65	104.33 8.57 -25.02	143.66 10.44 -46.61	168.20 10.00 -72.11
HICKLING___1 23621	59.40 -1.77 0.00	75.92 -2.48 -0.17	62.05 -2.76 -0.75	56.64 -2.39 -3.18	60.45 -2.10 -6.05	49.84 -0.76 -5.49	49.04 -0.41 -3.77	58.08 -0.12 0.00	58.34 0.11 0.00	43.02 -0.17 0.00	57.39 -0.50 0.00	70.54 -0.78 -0.09	62.41 -0.92 -2.11	70.42 -1.14 -2.85	71.22 -1.06 -2.12	81.39 -0.58 -2.76	98.43 -0.86 0.00	111.40 -1.31 -1.43	108.86 -0.98 -0.94	95.72 -1.02 -7.96	95.40 -0.76 -13.67	75.73 -1.27 -6.26	85.32 -1.29 0.00	84.63 -1.47 0.00
HICKLING___2 23622	59.40 -1.77 0.00	75.92 -2.48 -0.17	62.05 -2.76 -0.75	56.64 -2.39 -3.18	60.45 -2.10 -6.05	49.84 -0.76 -5.49	49.04 -0.41 -3.77	58.08 -0.12 0.00	58.34 0.11 0.00	43.02 -0.17 0.00	57.39 -0.50 0.00	70.54 -0.78 -0.09	62.41 -0.92 -2.11	70.42 -1.14 -2.85	71.22 -1.06 -2.12	81.39 -0.58 -2.76	98.43 -0.86 0.00	111.40 -1.31 -1.43	108.86 -0.98 -0.94	95.72 -1.02 -7.96	95.40 -0.76 -13.67	75.73 -1.27 -6.26	85.32 -1.29 0.00	84.63 -1.47 0.00
HIGH FALLS___HY 23754	66.16 4.98 0.00	84.33 6.10 0.00	69.19 5.13 0.00	60.21 4.37 0.00	60.99 4.48 0.00	48.93 3.82 0.00	50.26 4.58 0.00	64.91 6.71 0.00	64.87 6.63 0.00	47.69 4.49 0.00	63.75 6.44 0.58	78.81 7.59 0.00	67.72 6.51 0.00	75.94 7.41 0.19	78.19 8.03 0.00	90.37 9.37 -1.79	112.24 12.94 0.00	135.81 15.16 -9.37	127.31 14.74 -3.68	117.57 12.11 -16.68	95.96 11.18 -2.30	88.14 9.22 -8.17	97.36 10.75 0.00	95.93 9.84 0.00
HIGH_RIVER___SOLAR 323847	63.50 2.32 0.00	81.18 2.96 0.00	66.53 2.47 0.00	57.98 2.14 0.00	58.74 2.24 0.00	46.92 1.82 0.00	47.74 2.06 0.00	61.07 2.86 0.00	60.76 2.53 0.00	44.55 1.36 0.00	59.66 1.77 0.00	73.40 2.18 0.00	63.28 2.07 0.00	71.10 2.38 0.00	72.91 2.75 0.00	85.42 3.66 -2.55	104.40 5.11 0.00	135.15 6.03 -17.83	129.87 5.98 -14.99	161.58 4.81 -68.00	96.22 4.37 -9.36	85.87 3.67 -11.46	90.97 4.36 0.00	90.19 4.10 0.00

HILLBURN___GT 23639	64.08 2.90 0.00	81.73 3.51 0.00	67.19 3.13 0.00	58.45 2.61 0.00	59.13 2.62 0.00	47.29 2.18 0.00	48.40 2.72 0.00	62.38 4.18 0.00	62.37 4.14 0.00	46.07 2.88 0.00	57.92 4.49 4.47	76.70 5.48 0.00	65.91 4.70 0.00	72.47 5.24 1.49	75.66 5.50 0.00	87.20 6.29 -1.70	107.52 8.22 0.00	130.54 9.49 -9.77	120.78 8.89 -2.99	109.78 7.43 -13.57	91.34 6.98 -1.87	84.39 5.87 -7.78	93.45 6.84 0.00	92.42 6.33 0.00
HILLSIDE_115KV_TB1 80332	59.42 -1.76 0.00	75.99 -2.39 -0.15	61.96 -2.76 -0.66	56.32 -2.36 -2.83	59.82 -2.07 -5.39	49.20 -0.79 -4.88	48.48 -0.56 -3.36	57.84 -0.37 0.00	58.09 -0.14 0.00	42.81 -0.38 0.00	57.19 -0.70 0.00	70.49 -0.81 -0.08	62.19 -0.90 -1.88	70.14 -1.11 -2.53	71.02 -1.03 -1.89	81.02 -0.67 -2.47	98.11 -1.18 0.00	111.07 -1.69 -1.48	108.42 -1.45 -0.97	95.20 -1.29 -7.71	93.70 -1.04 -12.26	75.15 -1.49 -5.89	85.09 -1.52 0.00	84.48 -1.61 0.00
HISHELDN_WT_PWR 323625	54.98 -6.20 0.00	69.33 -8.14 0.76	53.49 -7.27 3.30	35.13 -6.66 14.06	23.63 -6.11 26.77	16.99 -3.87 24.24	25.29 -3.74 16.65	53.68 -4.52 0.00	53.79 -4.45 0.00	39.98 -3.21 0.00	53.11 -4.79 0.00	64.50 -6.30 0.42	46.21 -5.63 9.37	49.73 -6.36 12.63	54.05 -6.70 9.40	56.76 -7.07 15.39	90.82 -8.48 0.00	102.41 -9.83 -0.96	100.68 -8.85 -0.64	67.42 -7.76 13.60	18.10 -6.68 57.71	48.40 -6.10 16.24	80.08 -6.53 0.00	79.29 -6.80 0.00
HOLTSVILLE_IC_1 23690	66.40 5.21 -0.01	84.66 6.42 -0.01	69.20 5.14 0.00	60.19 4.34 0.00	64.93 4.63 -3.80	48.93 3.82 -0.01	50.15 4.43 -0.04	64.55 6.34 -0.01	64.13 5.90 0.00	46.94 3.74 0.00	68.38 6.33 -4.16	78.42 7.90 0.70	69.47 6.86 -1.39	75.72 7.41 0.41	76.53 7.68 1.31	89.50 8.50 -1.79	110.80 11.50 0.00	135.24 13.44 -10.52	125.06 13.02 -3.14	114.43 11.39 -14.26	95.84 10.50 -2.86	98.16 8.82 -18.59	131.30 10.58 -34.11	117.81 10.31 -21.41
HOLTSVILLE_IC_10 23699	66.75 5.56 -0.01	85.06 6.82 -0.01	69.53 5.47 0.00	60.48 4.64 0.00	65.21 4.92 -3.78	49.19 4.08 -0.01	50.45 4.73 -0.04	64.96 6.75 -0.01	64.54 6.31 0.00	47.20 4.00 0.00	69.05 6.66 -4.50	78.88 8.27 0.60	69.89 7.15 -1.53	76.04 7.62 0.30	76.84 7.90 1.22	89.86 8.86 -1.79	111.57 12.28 0.00	136.17 14.37 -10.52	125.96 13.93 -3.14	115.16 12.13 -14.26	96.51 11.17 -2.85	98.68 9.34 -18.59	131.85 11.19 -34.06	118.52 10.86 -21.57
HOLTSVILLE_IC_2 23691	66.40 5.21 -0.01	84.66 6.42 -0.01	69.20 5.14 0.00	60.19 4.34 0.00	64.93 4.63 -3.80	48.93 3.82 -0.01	50.15 4.43 -0.04	64.55 6.34 -0.01	64.13 5.90 0.00	46.94 3.74 0.00	68.38 6.33 -4.16	78.42 7.90 0.70	69.47 6.86 -1.39	75.72 7.41 0.41	76.53 7.68 1.31	89.50 8.50 -1.79	110.80 11.50 0.00	135.24 13.44 -10.52	125.06 13.02 -3.14	114.43 11.39 -14.26	95.84 10.50 -2.86	98.16 8.82 -18.59	131.30 10.58 -34.11	117.81 10.31 -21.41
HOLTSVILLE_IC_3 23692	66.40 5.21 -0.01	84.66 6.42 -0.01	69.20 5.14 0.00	60.19 4.34 0.00	64.93 4.63 -3.80	48.93 3.82 -0.01	50.15 4.43 -0.04	64.55 6.34 -0.01	64.13 5.90 0.00	46.94 3.74 0.00	68.38 6.33 -4.16	78.42 7.90 0.70	69.47 6.86 -1.39	75.72 7.41 0.41	76.53 7.68 1.31	89.50 8.50 -1.79	110.80 11.50 0.00	135.24 13.44 -10.52	125.06 13.02 -3.14	114.43 11.39 -14.26	95.84 10.50 -2.86	98.16 8.82 -18.59	131.30 10.58 -34.11	117.81 10.31 -21.41
HOLTSVILLE_IC_4 23693	66.40 5.21 -0.01	84.66 6.42 -0.01	69.20 5.14 0.00	60.19 4.34 0.00	64.93 4.63 -3.80	48.93 3.82 -0.01	50.15 4.43 -0.04	64.55 6.34 -0.01	64.13 5.90 0.00	46.94 3.74 0.00	68.38 6.33 -4.16	78.42 7.90 0.70	69.47 6.86 -1.39	75.72 7.41 0.41	76.53 7.68 1.31	89.50 8.50 -1.79	110.80 11.50 0.00	135.24 13.44 -10.52	125.06 13.02 -3.14	114.43 11.39 -14.26	95.84 10.50 -2.86	98.16 8.82 -18.59	131.30 10.58 -34.11	117.81 10.31 -21.41
HOLTSVILLE_IC_5 23694	66.40 5.21 -0.01	84.66 6.42 -0.01	69.20 5.14 0.00	60.19 4.34 0.00	64.93 4.63 -3.80	48.93 3.82 -0.01	50.15 4.43 -0.04	64.55 6.34 -0.01	64.13 5.90 0.00	46.94 3.74 0.00	68.38 6.33 -4.16	78.42 7.90 0.70	69.47 6.86 -1.39	75.72 7.41 0.41	76.53 7.68 1.31	89.50 8.50 -1.79	110.80 11.50 0.00	135.24 13.44 -10.52	125.06 13.02 -3.14	114.43 11.39 -14.26	95.84 10.50 -2.86	98.16 8.82 -18.59	131.30 10.58 -34.11	117.81 10.31 -21.41
HOLTSVILLE_IC_6 23695	66.75 5.56 -0.01	85.06 6.82 -0.01	69.53 5.47 0.00	60.48 4.64 0.00	65.21 4.92 -3.78	49.19 4.08 -0.01	50.45 4.73 -0.04	64.96 6.75 -0.01	64.54 6.31 0.00	47.20 4.00 0.00	69.05 6.66 -4.50	78.88 8.27 0.60	69.89 7.15 -1.53	76.04 7.62 0.30	76.84 7.90 1.22	89.86 8.86 -1.79	111.57 12.28 0.00	136.17 14.37 -10.52	125.96 13.93 -3.14	115.16 12.13 -14.26	96.51 11.17 -2.85	98.68 9.34 -18.59	131.85 11.19 -34.06	118.52 10.86 -21.57
HOLTSVILLE_IC_7 23696	66.75 5.56 -0.01	85.06 6.82 -0.01	69.53 5.47 0.00	60.48 4.64 0.00	65.21 4.92 -3.78	49.19 4.08 -0.01	50.45 4.73 -0.04	64.96 6.75 -0.01	64.54 6.31 0.00	47.20 4.00 0.00	69.05 6.66 -4.50	78.88 8.27 0.60	69.89 7.15 -1.53	76.04 7.62 0.30	76.84 7.90 1.22	89.86 8.86 -1.79	111.57 12.28 0.00	136.17 14.37 -10.52	125.96 13.93 -3.14	115.16 12.13 -14.26	96.51 11.17 -2.85	98.68 9.34 -18.59	131.85 11.19 -34.06	118.52 10.86 -21.57
HOLTSVILLE_IC_8 23697	66.75 5.56 -0.01	85.06 6.82 -0.01	69.53 5.47 0.00	60.48 4.64 0.00	65.21 4.92 -3.78	49.19 4.08 -0.01	50.45 4.73 -0.04	64.96 6.75 -0.01	64.54 6.31 0.00	47.20 4.00 0.00	69.05 6.66 -4.50	78.88 8.27 0.60	69.89 7.15 -1.53	76.04 7.62 0.30	76.84 7.90 1.22	89.86 8.86 -1.79	111.57 12.28 0.00	136.17 14.37 -10.52	125.96 13.93 -3.14	115.16 12.13 -14.26	96.51 11.17 -2.85	98.68 9.34 -18.59	131.85 11.19 -34.06	118.52 10.86 -21.57
HOLTSVILLE_IC_9 23698	66.75 5.56 -0.01	85.06 6.82 -0.01	69.53 5.47 0.00	60.48 4.64 0.00	65.21 4.92 -3.78	49.19 4.08 -0.01	50.45 4.73 -0.04	64.96 6.75 -0.01	64.54 6.31 0.00	47.20 4.00 0.00	69.05 6.66 -4.50	78.88 8.27 0.60	69.89 7.15 -1.53	76.04 7.62 0.30	76.84 7.90 1.22	89.86 8.86 -1.79	111.57 12.28 0.00	136.17 14.37 -10.52	125.96 13.93 -3.14	115.16 12.13 -14.26	96.51 11.17 -2.85	98.68 9.34 -18.59	131.85 11.19 -34.06	118.52 10.86 -21.57
HOMER_HL_115KV_TB2 355744	58.23 -2.94 0.00	74.34 -3.83 0.06	60.30 -3.51 0.25	51.57 -3.18 1.10	51.83 -2.56 2.11	42.25 -0.98 1.88	43.30 -1.10 1.29	56.43 -1.78 0.00	55.99 -2.24 0.00	40.89 -2.31 0.00	54.80 -3.10 0.00	67.62 -3.56 0.03	57.62 -2.84 0.76	64.52 -3.18 1.02	65.97 -3.43 0.76	72.73 -3.81 2.67	93.41 -5.88 0.00	104.82 -7.48 -1.01	102.52 -7.04 -0.67	84.56 -5.92 -1.69	73.21 -4.99 4.29	65.88 -5.06 -0.20	81.75 -4.85 0.00	81.35 -4.74 0.00
HOWARD_WT_PWR 323690	55.62 -5.56 0.00	71.40 -7.73 -0.90	61.16 -6.80 -3.91	66.51 -5.99 -16.65	82.51 -5.67 -31.67	70.65 -3.18 -28.72	62.76 -2.64 -19.73	55.14 -3.07 0.00	55.31 -2.92 0.00	41.11 -2.09 0.00	54.25 -3.64 0.00	66.37 -5.33 -0.49	67.33 -4.91 -11.03	77.83 -5.75 -14.86	75.65 -5.57 -11.06	89.68 -5.07 -15.54	93.77 -5.52 0.00	106.11 -6.35 -1.18	103.79 -5.88 -0.77	106.51 -5.15 -22.88	147.03 -4.30 -68.84	88.81 -4.75 -22.82	80.58 -6.02 0.00	79.61 -6.47 0.00

HQ_GEN_CEDARS 23644	61.51 0.34 0.00	78.79 0.56 0.00	64.41 0.35 0.00	56.12 0.28 0.00	56.69 0.18 0.00	45.09 -0.02 0.00	45.16 -0.52 0.00	57.17 -1.04 0.00	57.16 -1.07 0.00	42.51 -0.68 0.00	56.69 -1.21 0.00	69.72 -1.50 0.00	59.94 -1.27 0.00	67.28 -1.44 0.00	68.65 -1.51 0.00	77.15 -2.07 0.00	96.56 -2.73 0.00	106.43 -4.85 0.00	104.50 -4.40 0.00	85.10 -3.68 0.00	79.26 -3.23 0.00	68.71 -2.03 0.00	84.17 -2.44 0.00	84.71 -1.38 0.00
HQ_GEN_CEDARS_PROXY 323590	61.52 0.34 0.00	78.79 0.56 0.00	64.41 0.36 0.00	56.12 0.28 0.00	56.69 0.18 0.00	45.09 -0.02 0.00	45.16 -0.52 0.00	57.17 -1.04 0.00	57.16 -1.07 0.00	42.51 -0.68 0.00	56.69 -1.21 0.00	69.72 -1.50 0.00	59.95 -1.26 0.00	67.28 -1.44 0.00	68.65 -1.51 0.00	77.15 -2.07 0.00	96.55 -2.74 0.00	53.77 -4.85 52.66	104.49 -4.40 0.00	85.10 -3.68 0.00	79.25 -3.24 0.00	68.71 -2.03 0.00	84.17 -2.44 0.00	84.71 -1.38 0.00
HQ_GEN_IMPORT 323601	61.31 0.13 0.00	78.45 0.23 0.00	64.17 0.11 0.00	56.02 0.17 0.00	56.56 0.05 0.00	45.08 -0.03 0.00	36.39 -0.41 8.88	57.33 -0.87 0.00	57.33 -0.90 0.00	42.62 -0.57 0.00	56.97 -0.93 0.00	70.12 -1.10 0.00	60.35 -0.86 0.00	67.71 -1.01 0.00	68.98 -1.18 0.00	77.58 -1.64 0.00	97.07 -2.23 0.00	108.71 -2.58 0.00	106.25 -2.65 0.00	0.00 -2.14 86.63	0.00 -1.99 80.50	48.91 -1.52 20.32	84.68 -1.93 0.00	84.52 -1.57 0.00
HQ_GEN_WHEEL 23651	61.31 0.13 0.00	78.45 0.23 0.00	64.17 0.11 0.00	56.02 0.17 0.00	56.56 0.05 0.00	45.08 -0.03 0.00	36.39 -0.41 8.88	57.33 -0.87 0.00	57.33 -0.90 0.00	42.62 -0.57 0.00	56.97 -0.93 0.00	70.12 -1.10 0.00	60.35 -0.86 0.00	67.71 -1.01 0.00	68.98 -1.18 0.00	77.58 -1.64 0.00	97.07 -2.23 0.00	108.71 -2.58 0.00	106.25 -2.65 0.00	0.00 -2.14 86.63	0.00 -1.99 80.50	48.91 -1.52 20.32	84.68 -1.93 0.00	84.52 -1.57 0.00
HUDSON AVE_GT_3 23810	64.76 3.58 0.00	82.57 4.34 0.00	67.76 3.70 0.00	58.95 3.11 0.00	59.68 3.17 0.00	47.73 2.62 0.00	48.91 3.23 0.00	63.16 4.96 0.00	63.22 4.99 0.00	46.73 3.54 0.00	66.67 5.61 -3.17	78.11 6.89 0.00	67.19 5.98 0.00	76.44 6.67 -1.06	77.10 6.94 0.00	88.80 7.80 -1.79	109.34 10.05 0.00	133.27 11.47 -10.52	122.88 10.85 -3.13	112.02 9.02 -14.22	92.93 8.48 -1.96	86.00 7.09 -8.17	94.99 8.38 0.00	93.81 7.72 0.00
HUDSON AVE_GT_4 23540	64.76 3.58 0.00	82.57 4.34 0.00	67.76 3.70 0.00	58.95 3.11 0.00	59.68 3.17 0.00	47.73 2.62 0.00	48.91 3.23 0.00	63.16 4.96 0.00	63.22 4.99 0.00	46.73 3.54 0.00	66.67 5.61 -3.17	78.11 6.89 0.00	67.19 5.98 0.00	76.44 6.67 -1.06	77.10 6.94 0.00	88.80 7.80 -1.79	109.34 10.05 0.00	133.27 11.47 -10.52	122.88 10.85 -3.13	112.02 9.02 -14.22	92.93 8.48 -1.96	86.00 7.09 -8.17	94.99 8.38 0.00	93.81 7.72 0.00
HUDSON AVE_GT_5 23657	64.76 3.58 0.00	82.57 4.34 0.00	67.76 3.70 0.00	58.95 3.11 0.00	59.68 3.17 0.00	47.73 2.62 0.00	48.91 3.23 0.00	63.16 4.96 0.00	63.22 4.99 0.00	46.73 3.54 0.00	66.67 5.61 -3.17	78.11 6.89 0.00	67.19 5.98 0.00	76.44 6.67 -1.06	77.10 6.94 0.00	88.80 7.80 -1.79	109.34 10.05 0.00	133.27 11.47 -10.52	122.88 10.85 -3.13	112.02 9.02 -14.22	92.93 8.48 -1.96	86.00 7.09 -8.17	94.99 8.38 0.00	93.81 7.72 0.00
HUDSON_AVE_10 24168	64.58 3.40 0.00	82.33 4.11 0.00	67.56 3.50 0.00	58.79 2.94 0.00	59.49 2.99 0.00	47.58 2.47 0.00	48.76 3.08 0.00	62.98 4.77 0.00	63.00 4.77 0.00	46.56 3.36 0.00	66.47 5.40 -3.17	77.90 6.68 0.00	67.01 5.80 0.00	76.26 6.48 -1.06	76.89 6.73 0.00	88.52 7.51 -1.79	108.96 9.66 0.00	132.82 11.02 -10.52	122.39 10.36 -3.13	111.59 8.59 -14.22	92.52 8.08 -1.96	85.66 6.75 -8.17	94.60 7.99 0.00	93.44 7.35 0.00
HUDSON___115KV_TB 4 355613	64.54 3.36 0.00	82.51 4.29 0.00	67.68 3.62 0.00	58.97 3.13 0.00	59.76 3.25 0.00	47.48 2.37 0.00	48.23 2.55 0.00	61.83 3.62 0.00	61.72 3.49 0.00	45.28 2.08 0.00	60.54 2.64 0.00	74.56 3.34 0.00	64.23 3.02 0.00	72.33 3.61 0.00	74.29 4.13 0.00	86.42 4.84 -2.36	105.21 5.92 0.00	126.79 6.72 -8.78	122.78 6.81 -7.08	126.32 5.45 -32.10	92.24 5.34 -4.42	85.60 4.46 -10.39	92.04 5.43 0.00	91.86 5.77 0.00
HUNTER MOUNT___DRP 323613	64.91 3.73 0.00	82.99 4.77 0.00	68.06 4.00 0.00	59.33 3.48 0.00	60.13 3.62 0.00	47.82 2.71 0.00	48.62 2.95 0.00	62.32 4.11 0.00	62.20 3.97 0.00	45.56 2.37 0.00	60.92 3.02 0.00	75.03 3.81 0.00	64.55 3.34 0.00	72.64 3.92 0.00	74.69 4.53 0.00	86.86 5.41 -2.23	106.08 6.79 0.00	127.78 7.84 -8.66	123.11 7.83 -6.38	123.94 6.24 -28.93	92.53 6.06 -3.98	85.88 5.07 -10.06	92.75 6.14 0.00	92.43 6.34 0.00
HUNTINGTON_RES_REC 323705	66.31 5.12 -0.01	84.56 6.32 -0.01	69.15 5.09 0.00	60.15 4.31 0.00	64.86 4.59 -3.77	48.93 3.81 -0.01	50.18 4.46 -0.04	64.56 6.35 -0.01	64.19 5.96 0.00	47.07 3.87 0.00	68.85 6.47 -4.49	78.64 8.03 0.61	69.71 6.96 -1.53	76.02 7.59 0.30	76.81 7.86 1.22	89.73 8.73 -1.79	110.98 11.68 0.00	135.34 13.53 -10.52	125.13 13.10 -3.14	114.44 11.41 -14.26	95.91 10.57 -2.85	98.21 8.91 -18.56	131.29 10.72 -33.96	117.85 10.24 -21.52
HUNTLEY___63 23557	55.00 -6.17 0.00	69.83 -8.16 0.24	55.81 -7.23 1.02	44.82 -6.66 4.36	42.19 -5.98 8.35	33.66 -3.93 7.51	36.45 -4.08 5.15	52.98 -5.22 0.00	52.98 -5.24 0.00	39.60 -3.59 0.00	52.66 -5.23 0.00	64.49 -6.59 0.13	52.53 -5.73 2.95	58.15 -6.59 3.98	60.21 -6.99 2.96	65.41 -7.57 6.23	89.88 -9.41 0.00	101.14 -10.97 -0.83	99.74 -9.70 -0.55	77.68 -8.38 2.71	57.27 -7.27 17.95	60.12 -6.38 4.24	80.64 -5.97 0.00	80.09 -6.00 0.00
HUNTLEY___64 23558	55.00 -6.17 0.00	69.83 -8.16 0.24	55.81 -7.23 1.02	44.82 -6.66 4.36	42.19 -5.98 8.35	33.66 -3.93 7.51	36.45 -4.08 5.15	52.98 -5.22 0.00	52.98 -5.24 0.00	39.60 -3.59 0.00	52.66 -5.23 0.00	64.49 -6.59 0.13	52.53 -5.73 2.95	58.15 -6.59 3.98	60.21 -6.99 2.96	65.41 -7.57 6.23	89.88 -9.41 0.00	101.14 -10.97 -0.83	99.74 -9.70 -0.55	77.68 -8.38 2.71	57.27 -7.27 17.95	60.12 -6.38 4.24	80.64 -5.97 0.00	80.09 -6.00 0.00
HUNTLEY___65 23559	55.00 -6.17 0.00	69.83 -8.16 0.24	55.81 -7.23 1.02	44.82 -6.66 4.36	42.19 -5.98 8.35	33.66 -3.93 7.51	36.45 -4.08 5.15	52.98 -5.22 0.00	52.98 -5.24 0.00	39.60 -3.59 0.00	52.66 -5.23 0.00	64.49 -6.59 0.13	52.53 -5.73 2.95	58.15 -6.59 3.98	60.21 -6.99 2.96	65.41 -7.57 6.23	89.88 -9.41 0.00	101.14 -10.97 -0.83	99.74 -9.70 -0.55	77.68 -8.38 2.71	57.27 -7.27 17.95	60.12 -6.38 4.24	80.64 -5.97 0.00	80.09 -6.00 0.00
HUNTLEY___66 23560	55.00 -6.17 0.00	69.83 -8.16 0.24	55.81 -7.23 1.02	44.82 -6.66 4.36	42.19 -5.98 8.35	33.66 -3.93 7.51	36.45 -4.08 5.15	52.98 -5.22 0.00	52.98 -5.24 0.00	39.60 -3.59 0.00	52.66 -5.23 0.00	64.49 -6.59 0.13	52.53 -5.73 2.95	58.15 -6.59 3.98	60.21 -6.99 2.96	65.41 -7.57 6.23	89.88 -9.41 0.00	101.14 -10.97 -0.83	99.74 -9.70 -0.55	77.68 -8.38 2.71	57.27 -7.27 17.95	60.12 -6.38 4.24	80.64 -5.97 0.00	80.09 -6.00 0.00



HUNTLEY___67 23561	54.70 -6.48 0.00	69.38 -8.57 0.28	55.35 -7.50 1.20	43.78 -6.93 5.13	40.45 -6.29 9.76	32.03 -4.23 8.85	35.29 -4.31 6.08	52.75 -5.46 0.00	52.70 -5.53 0.00	39.34 -3.86 0.00	52.39 -5.50 0.00	64.18 -6.89 0.15	51.71 -6.04 3.46	57.17 -6.89 4.66	59.41 -7.28 3.47	64.12 -7.90 7.19	89.48 -9.82 0.00	100.69 -11.44 -0.84	99.17 -10.28 -0.56	76.34 -8.88 3.55	53.59 -7.79 21.10	58.77 -6.78 5.18	80.09 -6.52 0.00	79.48 -6.60 0.00
HUNTLEY___68 23562	54.70 -6.48 0.00	69.38 -8.57 0.28	55.35 -7.50 1.20	43.78 -6.93 5.13	40.45 -6.29 9.76	32.03 -4.23 8.85	35.29 -4.31 6.08	52.75 -5.46 0.00	52.70 -5.53 0.00	39.34 -3.86 0.00	52.39 -5.50 0.00	64.18 -6.89 0.15	51.71 -6.04 3.46	57.17 -6.89 4.66	59.41 -7.28 3.47	64.12 -7.90 7.19	89.48 -9.82 0.00	100.69 -11.44 -0.84	99.17 -10.28 -0.56	76.34 -8.88 3.55	53.59 -7.79 21.10	58.77 -6.78 5.18	80.09 -6.52 0.00	79.48 -6.60 0.00
HYLAND___LFG 323620	59.96 -1.22 0.00	77.17 -2.04 -0.98	66.24 -2.08 -4.26	72.04 -1.95 -18.14	89.59 -1.42 -34.49	76.20 -0.18 -31.28	65.97 -1.19 -21.48	55.85 -2.36 0.00	56.31 -1.92 0.00	41.92 -1.27 0.00	55.16 -2.74 0.00	67.23 -4.52 -0.53	67.92 -5.30 -12.01	79.00 -5.91 -16.19	75.95 -6.26 -12.05	89.91 -6.70 -17.39	93.05 -6.24 0.00	105.74 -6.51 -0.96	103.77 -5.75 -0.62	109.04 -3.68 -23.95	160.94 3.60 -74.85	96.04 0.93 -24.36	87.89 1.28 0.00	86.82 0.73 0.00
INDECK___CORINTH 23802	64.65 3.48 0.00	82.62 4.40 0.00	67.72 3.66 0.00	59.00 3.16 0.00	59.83 3.32 0.00	48.00 2.89 0.00	49.08 3.41 0.00	62.93 4.73 0.00	62.80 4.57 0.00	46.18 2.98 0.00	61.86 3.97 0.00	76.18 4.96 0.00	65.36 4.14 0.00	73.50 4.78 0.00	75.53 5.38 0.00	88.45 6.72 -2.52	108.01 8.72 0.00	138.47 9.85 -17.34	133.03 9.61 -14.52	162.59 7.96 -65.85	98.71 7.16 -9.07	87.73 5.89 -11.10	93.36 6.76 0.00	92.31 6.22 0.00
INDECK___ILION 23567	61.93 0.76 0.00	79.06 0.84 0.00	64.79 0.73 0.00	56.45 0.61 0.00	57.19 0.68 0.00	45.67 0.56 0.00	46.50 0.82 0.00	59.47 1.26 0.00	59.39 1.16 0.00	43.77 0.58 0.00	58.85 0.95 0.00	72.52 1.31 0.00	62.24 1.03 0.00	70.06 1.33 0.00	71.64 1.48 0.00	81.12 1.91 0.00	101.94 2.65 0.00	114.42 3.14 0.00	112.15 3.26 0.00	91.40 2.62 0.00	84.84 2.35 0.00	72.65 1.91 0.00	88.85 2.24 0.00	88.09 2.00 0.00
INDECK___OLEAN 23982	58.24 -2.93 0.00	74.35 -3.82 0.06	60.29 -3.51 0.25	51.60 -3.15 1.10	51.89 -2.51 2.11	42.29 -0.94 1.88	43.32 -1.07 1.29	56.46 -1.74 0.00	55.99 -2.24 0.00	40.90 -2.30 0.00	54.80 -3.10 0.00	67.64 -3.55 0.03	57.62 -2.83 0.76	64.55 -3.15 1.02	66.01 -3.39 0.76	72.71 -3.83 2.67	93.46 -5.84 0.00	104.85 -7.45 -1.01	102.52 -7.04 -0.67	84.54 -5.93 -1.69	73.28 -4.92 4.29	65.91 -5.03 -0.20	81.71 -4.89 0.00	81.36 -4.73 0.00
INDECK___OSWEGO 23783	58.67 -2.51 0.00	74.98 -3.25 0.00	61.36 -2.70 0.00	53.41 -2.44 0.00	54.15 -2.36 0.00	43.33 -1.78 0.00	43.87 -1.81 0.00	55.82 -2.39 0.00	55.82 -2.41 0.00	41.41 -1.78 0.00	55.41 -2.49 0.00	68.15 -3.07 0.00	58.62 -2.59 0.00	65.73 -2.99 0.00	67.10 -3.05 0.00	76.10 -3.26 -0.14	95.43 -3.86 0.00	107.03 -4.25 0.00	104.85 -4.05 0.00	85.42 -3.36 0.00	79.27 -3.21 0.00	68.50 -2.87 -0.62	83.12 -3.49 0.00	82.55 -3.54 0.00
INDECK___YERKES 23781	55.06 -6.12 0.00	69.92 -8.07 0.24	55.86 -7.18 1.02	44.91 -6.57 4.36	42.31 -5.85 8.35	33.76 -3.84 7.51	36.53 -4.00 5.15	53.06 -5.14 0.00	53.04 -5.19 0.00	39.65 -3.55 0.00	52.72 -5.17 0.00	64.59 -6.50 0.13	52.61 -5.66 2.95	58.28 -6.47 3.98	60.32 -6.88 2.96	65.52 -7.46 6.23	90.04 -9.26 0.00	101.30 -10.81 -0.83	99.83 -9.61 -0.55	77.77 -8.29 2.71	57.45 -7.09 17.95	60.22 -6.28 4.24	80.70 -5.91 0.00	80.17 -5.92 0.00
INDIAN POINT_GT_1 24139	64.25 3.07 0.00	81.95 3.72 0.00	67.32 3.26 0.00	58.58 2.73 0.00	59.26 2.76 0.00	47.39 2.28 0.00	48.49 2.81 0.00	62.50 4.29 0.00	62.49 4.26 0.00	46.16 2.97 0.00	66.39 4.66 -3.83	76.92 5.69 0.00	66.10 4.89 0.00	75.47 5.47 -1.28	75.88 5.72 0.00	87.51 6.53 -1.77	107.82 8.53 0.00	131.41 9.80 -10.33	121.27 9.28 -3.10	110.54 7.71 -14.05	91.67 7.25 -1.93	84.91 6.10 -8.07	93.74 7.14 0.00	92.71 6.62 0.00
INDIAN POINT_GT_2 23659	64.25 3.07 0.00	81.95 3.72 0.00	67.32 3.26 0.00	58.58 2.73 0.00	59.26 2.76 0.00	47.39 2.28 0.00	48.49 2.81 0.00	62.50 4.29 0.00	62.49 4.26 0.00	46.16 2.97 0.00	66.39 4.66 -3.83	76.92 5.69 0.00	66.10 4.89 0.00	75.47 5.47 -1.28	75.88 5.72 0.00	87.51 6.53 -1.77	107.82 8.53 0.00	131.41 9.80 -10.33	121.27 9.28 -3.10	110.54 7.71 -14.05	91.67 7.25 -1.93	84.91 6.10 -8.07	93.74 7.14 0.00	92.71 6.62 0.00
INDIAN POINT_GT_3 24019	64.25 3.07 0.00	81.95 3.72 0.00	67.32 3.26 0.00	58.58 2.73 0.00	59.26 2.76 0.00	47.39 2.28 0.00	48.49 2.81 0.00	62.50 4.29 0.00	62.49 4.26 0.00	46.16 2.97 0.00	66.39 4.66 -3.83	76.92 5.69 0.00	66.10 4.89 0.00	75.47 5.47 -1.28	75.88 5.72 0.00	87.51 6.53 -1.77	107.82 8.53 0.00	131.41 9.80 -10.33	121.27 9.28 -3.10	110.54 7.71 -14.05	91.67 7.25 -1.93	84.91 6.10 -8.07	93.74 7.14 0.00	92.71 6.62 0.00
INDIAN POINT___2 23530	64.15 2.97 0.00	81.83 3.61 0.00	67.22 3.16 0.00	58.49 2.65 0.00	59.19 2.68 0.00	47.33 2.22 0.00	48.41 2.74 0.00	62.42 4.21 0.00	62.41 4.18 0.00	46.10 2.90 0.00	67.56 4.57 -5.10	76.79 5.57 0.00	65.99 4.78 0.00	75.78 5.35 -1.70	75.76 5.60 0.00	87.34 6.39 -1.74	107.62 8.33 0.00	131.02 9.59 -10.14	121.00 9.04 -3.06	110.20 7.53 -13.89	91.48 7.08 -1.91	84.67 5.95 -7.97	93.59 6.98 0.00	92.56 6.47 0.00
INDIAN POINT___3 23531	64.19 3.02 0.00	81.88 3.65 0.00	67.26 3.20 0.00	58.54 2.69 0.00	59.23 2.72 0.00	47.35 2.24 0.00	48.44 2.77 0.00	62.44 4.23 0.00	62.43 4.20 0.00	46.12 2.93 0.00	66.33 4.60 -3.83	76.85 5.63 0.00	66.05 4.84 0.00	75.41 5.40 -1.28	75.81 5.66 0.00	87.41 6.43 -1.77	107.70 8.40 0.00	131.32 9.67 -10.37	121.10 9.09 -3.11	110.46 7.59 -14.09	91.57 7.14 -1.94	84.82 5.99 -8.09	93.63 7.02 0.00	92.61 6.52 0.00
INGHAM_C_115KV_TB7 356103	62.46 1.29 0.00	79.52 1.29 0.00	65.19 1.13 0.00	56.76 0.92 0.00	57.56 1.05 0.00	45.99 0.88 0.00	47.02 1.34 0.00	60.36 2.16 0.00	60.11 1.88 0.00	43.89 0.70 0.00	59.19 1.29 0.00	73.12 1.90 0.00	62.78 1.57 0.00	70.77 2.05 0.00	72.56 2.40 0.00	82.35 3.14 0.00	103.79 4.49 0.00	116.78 5.49 0.00	114.66 5.76 0.00	93.39 4.61 0.00	86.56 4.07 0.00	74.05 3.31 0.00	90.44 3.83 0.00	89.48 3.39 0.00
IP CORINTH___1 23988	64.66 3.48 0.00	82.63 4.40 0.00	67.72 3.66 0.00	59.01 3.16 0.00	59.83 3.32 0.00	48.00 2.89 0.00	49.08 3.41 0.00	62.93 4.73 0.00	62.80 4.57 0.00	46.18 2.98 0.00	61.86 3.97 0.00	76.18 4.96 0.00	65.36 4.15 0.00	73.50 4.78 0.00	75.53 5.38 0.00	88.45 6.72 -2.52	108.02 8.73 0.00	138.47 9.85 -17.34	133.02 9.60 -14.52	162.59 7.96 -65.85	98.72 7.17 -9.07	87.73 5.89 -11.10	93.37 6.76 0.00	92.31 6.22 0.00

IP__TICONDEROGA 23804	66.06 4.88 0.00	84.44 6.22 0.00	69.06 5.00 0.00	60.24 4.40 0.00	61.19 4.69 0.00	49.57 4.46 0.00	51.24 5.56 0.00	65.85 7.64 0.00	65.54 7.31 0.00	47.97 4.78 0.00	64.18 6.28 0.00	78.71 7.49 0.00	66.64 5.42 0.00	75.08 6.36 0.00	77.69 7.53 0.00	91.71 9.98 -2.52	112.52 13.22 0.00	143.26 14.76 -17.22	137.64 14.34 -14.41	166.36 12.23 -65.35	102.42 10.94 -8.99	90.81 8.98 -11.08	96.43 9.82 0.00	94.99 8.90 0.00
ISLIP_RES_REC 323679	66.99 5.80 -0.01	85.37 7.13 -0.01	69.76 5.70 0.00	60.69 4.84 0.00	65.42 5.15 -3.77	49.40 4.29 -0.01	50.67 4.95 -0.04	65.28 7.07 -0.01	64.85 6.62 0.00	47.41 4.21 0.00	69.53 6.91 -4.73	79.25 8.57 0.53	70.27 7.43 -1.63	76.44 7.94 0.22	77.25 8.24 1.15	90.30 9.30 -1.79	112.16 12.86 0.00	136.87 15.07 -10.52	126.61 14.58 -3.14	115.70 12.67 -14.26	97.00 11.66 -2.85	99.04 9.70 -18.59	132.24 11.61 -34.02	119.03 11.25 -21.69
JAMAICA__27_KV_LOAD 355505	64.90 3.72 0.00	82.76 4.54 0.00	67.87 3.81 0.00	59.08 3.24 0.00	59.78 3.27 0.00	47.81 2.70 0.00	49.02 3.34 0.00	63.36 5.16 0.00	63.36 5.13 0.00	46.77 3.58 0.00	66.80 5.73 -3.17	78.45 7.23 0.00	67.45 6.24 0.00	76.79 7.01 -1.06	77.39 7.23 0.00	88.94 7.94 -1.79	109.44 10.14 0.00	133.32 11.52 -10.52	122.81 10.77 -3.13	111.78 8.78 -14.22	92.69 8.25 -1.96	85.84 6.93 -8.17	94.94 8.33 0.00	93.72 7.63 0.00
JANIS__SOLAR 323808	62.76 1.58 0.00	79.67 1.44 0.00	64.94 0.89 0.00	56.56 0.72 0.00	57.49 0.98 0.00	46.41 1.31 0.00	47.67 1.99 0.00	61.30 3.09 0.00	61.36 3.13 0.00	45.36 2.16 0.00	60.47 2.57 0.00	73.85 2.63 0.00	63.15 1.94 0.00	71.11 2.39 0.00	72.75 2.59 0.00	83.31 3.79 -0.31	105.23 5.93 0.00	120.06 6.98 -1.80	117.35 7.22 -1.24	99.47 5.09 -5.60	87.71 4.45 -0.77	76.38 3.26 -2.38	90.28 3.67 0.00	89.31 3.22 0.00
JARVIS____ 23743	61.37 0.19 0.00	78.49 0.26 0.00	64.32 0.27 0.00	56.06 0.22 0.00	56.74 0.23 0.00	45.29 0.18 0.00	45.96 0.28 0.00	58.62 0.41 0.00	58.64 0.41 0.00	43.46 0.27 0.00	58.36 0.46 0.00	71.79 0.57 0.00	61.65 0.44 0.00	69.26 0.54 0.00	70.74 0.57 0.00	79.92 0.71 0.00	100.19 0.89 0.00	112.37 1.08 0.00	109.99 1.09 0.00	89.67 0.89 0.00	83.31 0.82 0.00	71.40 0.66 0.00	87.48 0.87 0.00	86.86 0.77 0.00
JENNISON__1 23625	62.48 1.30 0.00	78.73 0.51 0.00	64.02 -0.03 0.00	55.95 0.11 0.00	56.93 0.42 0.00	45.69 0.58 0.00	47.07 1.39 0.00	60.84 2.64 0.00	61.00 2.78 0.00	45.33 2.14 0.00	60.76 2.86 0.00	74.36 3.14 0.00	64.25 3.04 0.00	71.80 3.08 0.00	73.26 3.10 0.00	83.50 3.92 -0.37	105.49 6.20 0.00	120.67 6.79 -2.61	117.34 6.62 -1.82	101.31 4.26 -8.27	86.77 3.14 -1.14	75.98 2.21 -3.04	88.97 2.37 0.00	88.02 1.93 0.00
JENNISON__2 23626	62.48 1.30 0.00	78.73 0.51 0.00	64.02 -0.03 0.00	55.95 0.11 0.00	56.93 0.42 0.00	45.69 0.58 0.00	47.07 1.39 0.00	60.84 2.64 0.00	61.00 2.78 0.00	45.33 2.14 0.00	60.76 2.86 0.00	74.36 3.14 0.00	64.25 3.04 0.00	71.80 3.08 0.00	73.26 3.10 0.00	83.50 3.92 -0.37	105.49 6.20 0.00	120.67 6.79 -2.61	117.34 6.62 -1.82	101.31 4.26 -8.27	86.77 3.14 -1.14	75.98 2.21 -3.04	88.97 2.37 0.00	88.02 1.93 0.00
JERICHO_RISE_WT_PWR 323719	63.88 -1.35 -4.05	76.63 -1.59 0.00	63.01 -1.05 0.00	54.98 -0.86 0.00	55.35 -1.16 0.00	44.03 -1.08 0.00	44.20 -1.48 0.00	55.99 -2.21 0.00	56.03 -2.21 0.00	41.65 -1.55 0.00	55.63 -2.27 0.00	68.38 -2.84 0.00	58.81 -2.40 0.00	66.22 -2.51 0.00	67.75 -2.41 0.00	76.15 -3.07 0.00	95.39 -3.91 0.00	105.99 -5.29 0.00	103.51 -5.39 0.00	84.71 -4.06 0.00	78.54 -3.95 0.00	67.94 -2.80 0.00	83.14 -3.47 0.00	83.47 -2.62 0.00
KATONAH__115KV_46KV_TB4 355592	64.99 3.81 0.00	82.87 4.64 0.00	68.04 3.98 0.00	59.22 3.38 0.00	59.95 3.44 0.00	47.97 2.86 0.00	49.09 3.41 0.00	63.29 5.08 0.00	63.27 5.04 0.00	46.73 3.54 0.00	65.22 5.43 -1.89	77.86 6.64 0.00	66.93 5.72 0.00	75.77 6.42 -0.63	76.84 6.68 0.00	88.64 7.61 -1.81	109.30 10.00 0.00	133.48 11.51 -10.68	123.03 10.94 -3.18	112.33 9.11 -14.44	92.97 8.50 -1.99	86.10 7.09 -8.27	94.99 8.38 0.00	93.87 7.78 0.00
KCE_NY_1 323755	64.45 3.28 0.00	82.42 4.19 0.00	67.60 3.54 0.00	58.90 3.05 0.00	59.65 3.14 0.00	47.79 2.68 0.00	48.66 2.98 0.00	62.33 4.12 0.00	62.23 4.01 0.00	45.77 2.58 0.00	61.41 3.51 0.00	75.65 4.43 0.00	64.98 3.77 0.00	73.14 4.42 0.00	74.97 4.82 0.00	87.63 5.90 -2.51	106.93 7.63 0.00	136.94 8.62 -17.04	131.52 8.37 -14.25	160.29 6.88 -64.64	97.64 6.25 -8.90	86.93 5.12 -11.07	92.79 6.18 0.00	91.86 5.77 0.00
KCE_NY_6_ESR 323823	55.61 -5.57 0.00	70.55 -7.39 0.29	56.21 -6.60 1.25	44.42 -6.09 5.34	40.92 -5.40 10.19	32.51 -3.41 9.19	35.95 -3.43 6.30	53.87 -4.34 0.00	53.79 -4.44 0.00	39.95 -3.25 0.00	53.19 -4.71 0.00	65.14 -5.92 0.16	52.43 -5.18 3.60	58.01 -5.87 4.85	60.34 -6.21 3.61	65.35 -6.68 7.18	90.97 -8.32 0.00	102.38 -9.79 -0.88	100.75 -8.73 -0.58	77.48 -7.63 3.68	54.07 -6.49 21.92	59.46 -5.89 5.38	80.92 -5.68 0.00	80.24 -5.85 0.00
KEDC_PORT_JEFF_GT2 24210	66.71 5.52 -0.01	85.03 6.79 -0.01	69.49 5.43 0.00	60.44 4.59 0.00	65.17 4.88 -3.78	49.17 4.06 -0.01	50.42 4.70 -0.04	64.92 6.71 -0.01	64.49 6.27 0.00	47.17 3.98 0.00	68.89 6.63 -4.37	78.80 8.23 0.64	69.83 7.13 -1.48	76.09 7.71 0.34	76.92 8.01 1.25	89.96 8.96 -1.79	111.54 12.24 0.00	136.01 14.20 -10.52	125.70 13.67 -3.14	115.12 12.09 -14.26	96.48 11.14 -2.85	98.65 9.32 -18.59	131.83 11.16 -34.07	118.41 10.81 -21.51
KEDC_PORT_JEFF_GT3 24211	66.71 5.52 -0.01	85.03 6.79 -0.01	69.49 5.43 0.00	60.44 4.59 0.00	65.17 4.88 -3.78	49.17 4.06 -0.01	50.42 4.70 -0.04	64.92 6.71 -0.01	64.49 6.27 0.00	47.17 3.98 0.00	68.89 6.63 -4.37	78.80 8.23 0.64	69.83 7.13 -1.48	76.09 7.71 0.34	76.92 8.01 1.25	89.96 8.96 -1.79	111.54 12.24 0.00	136.01 14.20 -10.52	125.70 13.67 -3.14	115.12 12.09 -14.26	96.48 11.14 -2.85	98.65 9.32 -18.59	131.83 11.16 -34.07	118.41 10.81 -21.51
KEDC_GLWD_GT4 24219	65.35 4.17 0.00	83.35 5.12 0.00	68.32 4.27 0.00	59.46 3.61 0.00	62.31 3.75 -2.05	48.23 3.12 0.00	49.46 3.72 -0.06	63.47 5.26 0.00	63.43 5.20 0.00	46.88 3.69 0.00	83.09 6.04 -19.16	82.33 7.45 -3.66	74.97 6.44 -7.32	80.48 7.15 -4.60	80.10 7.37 -2.57	88.91 7.91 -1.79	109.31 10.02 0.00	133.24 11.44 -10.52	122.97 10.93 -3.13	112.27 9.25 -14.24	93.55 8.62 -2.44	93.87 7.35 -15.78	118.82 9.22 -22.99	118.83 8.70 -24.03
KEDC_GLWD_GT5 24220	65.35 4.17 0.00	83.35 5.12 0.00	68.32 4.27 0.00	59.46 3.61 0.00	62.31 3.75 -2.05	48.23 3.12 0.00	49.46 3.72 -0.06	63.47 5.26 0.00	63.43 5.20 0.00	46.88 3.69 0.00	83.09 6.04 -19.16	82.33 7.45 -3.66	74.97 6.44 -7.32	80.48 7.15 -4.60	80.10 7.37 -2.57	88.91 7.91 -1.79	109.31 10.02 0.00	133.24 11.44 -10.52	122.97 10.93 -3.13	112.27 9.25 -14.24	93.55 8.62 -2.44	93.87 7.35 -15.78	118.82 9.22 -22.99	118.83 8.70 -24.03

KENSICO____ 23655	64.53 3.35 0.00	82.30 4.07 0.00	67.58 3.52 0.00	58.81 2.96 0.00	59.52 3.01 0.00	47.59 2.48 0.00	48.69 3.02 0.00	62.79 4.58 0.00	62.79 4.56 0.00	46.39 3.19 0.00	66.29 5.00 -3.39	77.34 6.12 0.00	66.48 5.27 0.00	75.74 5.89 -1.13	76.32 6.16 0.00	87.98 6.99 -1.78	108.41 9.12 0.00	132.22 10.45 -10.49	121.91 9.88 -3.13	111.20 8.22 -14.20	92.16 7.72 -1.95	85.36 6.47 -8.15	94.25 7.64 0.00	93.19 7.10 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	65.80 4.62 0.00	83.89 5.66 0.00	68.85 4.79 0.00	59.90 4.06 0.00	60.69 4.18 0.00	48.65 3.55 0.00	49.91 4.23 0.00	64.41 6.20 0.00	64.35 6.12 0.00	47.31 4.12 0.00	62.97 5.88 0.81	78.20 6.97 0.00	67.19 5.98 0.00	75.27 6.82 0.27	77.59 7.43 0.00	89.58 8.65 -1.71	111.22 11.92 0.00	134.37 13.95 -9.14	125.79 13.53 -3.37	115.13 11.09 -15.26	94.85 10.27 -2.10	87.07 8.49 -7.84	96.52 9.91 0.00	95.21 9.12 0.00
KIAC_JFK_GT1 23816	64.29 3.12 0.00	82.06 3.84 0.00	67.33 3.27 0.00	58.60 2.76 0.00	59.30 2.79 0.00	47.40 2.29 0.00	48.52 2.84 0.00	62.72 4.51 0.00	62.74 4.51 0.00	46.31 3.11 0.00	66.32 5.26 -3.17	77.95 6.74 0.00	67.05 5.84 0.00	76.32 6.55 -1.06	76.83 6.67 0.00	88.09 7.09 -1.79	108.38 9.08 0.00	132.15 10.35 -10.52	121.56 9.53 -3.13	110.80 7.79 -14.22	91.78 7.34 -1.96	85.08 6.17 -8.17	93.99 7.38 0.00	92.80 6.71 0.00
KIAC_JFK_GT2 23817	64.29 3.12 0.00	82.06 3.84 0.00	67.33 3.27 0.00	58.60 2.76 0.00	59.30 2.79 0.00	47.40 2.29 0.00	48.52 2.84 0.00	62.72 4.51 0.00	62.74 4.51 0.00	46.31 3.11 0.00	66.32 5.26 -3.17	77.95 6.74 0.00	67.05 5.84 0.00	76.32 6.55 -1.06	76.83 6.67 0.00	88.09 7.09 -1.79	108.38 9.08 0.00	132.15 10.35 -10.52	121.56 9.53 -3.13	110.80 7.79 -14.22	91.78 7.34 -1.96	85.08 6.17 -8.17	93.99 7.38 0.00	92.80 6.71 0.00
KIAC_JFK____ 323774	64.29 3.12 0.00	82.06 3.84 0.00	67.33 3.27 0.00	58.61 2.76 0.00	59.29 2.78 0.00	47.39 2.29 0.00	48.52 2.84 0.00	62.72 4.51 0.00	62.74 4.51 0.00	46.31 3.11 0.00	66.34 5.28 -3.17	77.99 6.77 0.00	67.05 5.84 0.00	76.34 6.56 -1.06	76.83 6.67 0.00	88.10 7.10 -1.79	108.37 9.07 0.00	132.12 10.32 -10.52	121.56 9.53 -3.13	110.80 7.80 -14.22	91.77 7.33 -1.96	85.07 6.16 -8.17	93.99 7.38 0.00	92.79 6.70 0.00
KINTIGH____ 23543	55.23 -5.94 0.00	70.21 -7.88 0.14	56.67 -6.77 0.61	47.00 -6.24 2.61	45.81 -5.76 4.94	36.66 -3.95 4.51	38.59 -3.99 3.10	53.10 -5.11 0.00	53.18 -5.05 0.00	39.91 -3.29 0.00	53.22 -4.67 0.00	65.33 -5.81 0.08	54.33 -5.17 1.72	60.48 -5.92 2.32	62.18 -6.25 1.72	71.41 -6.79 1.02	90.89 -8.40 0.00	102.04 -9.82 -0.57	100.55 -8.82 -0.48	80.33 -7.57 0.87	65.37 -6.75 10.36	62.89 -5.79 2.06	81.16 -5.45 0.00	80.62 -5.47 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	95.06 -0.74 -34.61	77.42 -0.81 0.00	63.64 -0.42 0.00	55.65 -0.19 0.00	56.04 -0.47 0.00	44.69 -0.42 0.00	44.96 -0.72 0.00	56.79 -1.41 0.00	56.86 -1.37 0.00	42.15 -1.05 0.00	56.47 -1.43 0.00	69.29 -1.92 0.00	59.55 -1.66 0.00	67.25 -1.47 0.00	69.01 -1.14 0.00	77.70 -1.51 0.00	97.41 -1.88 0.00	107.77 -3.52 0.00	105.38 -3.52 0.00	86.53 -2.25 0.00	79.92 -2.57 0.00	69.22 -1.52 0.00	84.65 -1.95 0.00	85.18 -0.91 0.00
LACHUTE____HYDRO 323717	66.06 4.88 0.00	84.44 6.21 0.00	69.06 5.00 0.00	60.24 4.40 0.00	61.19 4.69 0.00	49.57 4.46 0.00	51.23 5.56 0.00	65.85 7.64 0.00	65.54 7.31 0.00	47.97 4.78 0.00	64.18 6.28 0.00	78.71 7.49 0.00	66.64 5.42 0.00	75.08 6.36 0.00	77.68 7.52 0.00	91.70 9.97 -2.52	112.51 13.22 0.00	143.27 14.77 -17.22	137.64 14.34 -14.41	166.36 12.23 -65.35	102.42 10.94 -8.99	90.79 8.97 -11.08	96.43 9.81 0.00	94.99 8.90 0.00
LAWRNCV_115KV_TB1 80681	61.16 -0.02 0.00	78.40 0.17 0.00	64.07 0.02 0.00	55.85 0.01 0.00	56.27 -0.24 0.00	44.52 -0.59 0.00	44.37 -1.31 0.00	56.21 -2.00 0.00	56.22 -2.01 0.00	41.82 -1.37 0.00	55.73 -2.16 0.00	68.45 -2.77 0.00	58.86 -2.35 0.00	65.95 -2.77 0.00	67.37 -2.79 0.00	75.76 -3.45 0.00	95.02 -4.27 0.00	104.90 -6.38 0.00	103.02 -5.87 0.00	83.94 -4.83 0.00	78.10 -4.39 0.00	68.10 -2.64 0.00	83.74 -2.88 0.00	84.46 -1.63 0.00
LEDERLE____ 23769	64.20 3.02 0.00	81.89 3.66 0.00	67.30 3.24 0.00	58.56 2.71 0.00	59.25 2.74 0.00	47.39 2.28 0.00	48.50 2.82 0.00	62.55 4.34 0.00	62.53 4.30 0.00	46.19 2.99 0.00	57.55 4.64 4.99	76.89 5.66 0.00	66.07 4.86 0.00	72.50 5.44 1.66	75.84 5.68 0.00	87.42 6.49 -1.72	107.78 8.49 0.00	130.98 9.77 -9.93	121.11 9.19 -3.02	110.16 7.68 -13.70	91.60 7.23 -1.89	84.64 6.04 -7.86	93.65 7.04 0.00	92.62 6.53 0.00
LIGHTHSE_115KV_TB6 355974	59.18 -2.00 0.00	75.79 -2.43 0.00	61.94 -2.12 0.00	53.78 -2.06 0.00	54.58 -1.92 0.00	43.66 -1.45 0.00	44.39 -1.28 0.00	56.79 -1.42 0.00	56.90 -1.33 0.00	42.35 -0.85 0.00	56.91 -0.99 0.00	69.71 -1.51 0.00	59.69 -1.52 0.00	66.84 -1.88 0.00	68.15 -2.00 0.00	77.32 -2.04 -0.14	97.31 -1.99 0.00	109.18 -2.11 0.00	107.14 -1.75 0.00	87.26 -1.52 0.00	80.87 -1.62 0.00	69.76 -1.60 -0.61	84.69 -1.92 0.00	84.22 -1.87 0.00
LINDEN COGEN____ 23786	64.30 3.12 0.00	81.96 3.73 0.00	67.28 3.22 0.00	58.55 2.70 0.00	59.22 2.71 0.00	47.35 2.25 0.00	48.51 2.84 0.00	62.64 4.43 0.00	62.66 4.43 0.00	46.23 3.12 0.09	62.33 5.03 0.60	77.23 6.16 0.15	66.41 5.36 0.16	75.26 5.97 -0.57	75.54 6.21 0.84	87.73 7.04 -1.49	107.62 9.05 0.72	129.54 10.36 -7.89	118.50 9.77 0.16	110.54 8.13 -13.64	92.11 7.67 -1.96	85.37 6.45 -8.17	94.18 7.57 0.00	93.03 6.95 0.00
LINDHRST_69_KV_BK1 356055	66.43 5.24 -0.01	84.69 6.45 -0.01	69.29 5.23 0.00	60.27 4.43 0.00	64.68 4.70 -3.48	49.05 3.94 -0.01	50.35 4.62 -0.06	64.83 6.62 -0.01	64.52 6.29 0.00	47.33 4.14 0.00	74.24 6.83 -9.52	80.85 8.44 -1.19	72.49 7.31 -3.97	78.50 8.01 -1.76	78.76 8.22 -0.38	89.99 8.99 -1.79	111.26 11.96 0.00	135.68 13.88 -10.52	125.43 13.40 -3.14	114.61 11.58 -14.26	95.99 10.73 -2.78	98.22 9.10 -18.38	130.53 11.15 -32.76	120.40 10.58 -23.74
LIPA_MISC_IPP 23656	66.69 5.50 -0.01	84.98 6.74 -0.01	69.40 5.34 0.00	60.38 4.54 0.00	65.15 4.85 -3.79	49.12 4.01 -0.01	50.36 4.64 -0.04	64.83 6.61 -0.01	64.36 6.13 0.00	47.01 3.81 0.00	68.51 6.40 -4.22	78.44 7.90 0.69	69.48 6.85 -1.42	75.71 7.38 0.39	76.60 7.73 1.29	89.67 8.67 -1.79	111.31 12.01 0.00	135.94 14.14 -10.52	125.73 13.70 -3.14	114.97 11.93 -14.26	96.33 11.00 -2.85	98.53 9.20 -18.59	131.74 11.03 -34.10	118.15 10.62 -21.44
LISF____SOLAR 323691	66.84 5.65 -0.01	85.15 6.91 -0.01	69.54 5.48 0.00	60.50 4.66 0.00	65.25 4.95 -3.79	49.24 4.13 -0.01	50.45 4.73 -0.04	64.94 6.73 -0.01	64.49 6.26 0.00	47.06 3.86 0.00	68.63 6.46 -4.28	78.53 7.98 0.67	69.56 6.91 -1.44	75.81 7.46 0.37	76.72 7.83 1.27	89.84 8.84 -1.79	111.58 12.28 0.00	136.28 14.48 -10.52	126.05 14.02 -3.14	115.23 12.19 -14.26	96.54 11.20 -2.85	98.69 9.35 -18.59	131.85 11.15 -34.09	118.42 10.86 -21.47

LITTLE FALLS___HYD 24013	62.46 1.29 0.00	79.52 1.29 0.00	65.19 1.13 0.00	56.76 0.92 0.00	57.56 1.05 0.00	45.99 0.88 0.00	47.02 1.34 0.00	60.36 2.16 0.00	60.11 1.88 0.00	43.89 0.70 0.00	59.19 1.29 0.00	73.12 1.90 0.00	62.78 1.57 0.00	70.77 2.05 0.00	72.56 2.40 0.00	82.35 3.14 0.00	103.79 4.49 0.00	116.78 5.49 0.00	114.66 5.76 0.00	93.39 4.61 0.00	86.56 4.07 0.00	74.05 3.31 0.00	90.44 3.83 0.00	89.48 3.39 0.00
LITTLRIV_115KV_TB1 356100	62.01 0.83 0.00	79.46 1.24 0.00	64.91 0.85 0.00	56.59 0.74 0.00	57.04 0.53 0.00	45.12 0.01 0.00	45.01 -0.66 0.00	57.01 -1.20 0.00	56.96 -1.27 0.00	42.31 -0.89 0.00	56.16 -1.74 0.00	68.81 -2.41 0.00	59.27 -1.94 0.00	66.31 -2.42 0.00	67.90 -2.26 0.00	76.47 -2.74 0.00	96.14 -3.16 0.00	106.41 -4.87 0.00	104.49 -4.41 0.00	85.11 -3.66 0.00	79.16 -3.33 0.00	68.93 -1.82 0.00	84.75 -1.86 0.00	85.49 -0.60 0.00
LI_NEWBRDGE___DRP 323616	65.38 4.19 -0.01	83.41 5.17 -0.02	68.28 4.22 0.00	59.41 3.56 0.00	64.24 3.79 -3.95	48.26 3.15 0.00	49.50 3.79 -0.03	63.64 5.43 -0.01	63.43 5.20 0.00	46.68 3.49 0.00	64.81 5.97 -0.95	76.97 7.40 1.66	67.72 6.41 -0.09	74.28 7.07 1.51	75.27 7.27 2.15	88.82 7.82 -1.79	109.57 10.28 0.00	133.56 11.76 -10.52	123.37 11.33 -3.14	112.77 9.73 -14.26	94.44 9.06 -2.89	97.09 7.71 -18.64	130.65 9.42 -34.63	114.83 8.91 -19.83
LOCKPORT_115KV_TB60_63_64 80432	54.28 -6.90 0.00	68.83 -9.19 0.20	55.22 -7.98 0.86	44.85 -7.28 3.72	42.84 -6.50 7.18	34.34 -4.39 6.37	36.75 -4.57 4.36	52.30 -5.90 0.00	52.32 -5.91 0.00	39.12 -4.08 0.00	51.98 -5.91 0.00	63.66 -7.45 0.11	52.37 -6.30 2.54	58.03 -7.27 3.42	59.95 -7.66 2.54	65.53 -8.42 5.26	88.78 -10.52 0.00	99.86 -12.21 -0.79	98.49 -10.93 -0.52	77.47 -9.22 2.09	59.30 -7.79 15.39	60.31 -6.93 3.51	79.81 -6.80 0.00	79.27 -6.82 0.00
LOCKPORT___CC1 323769	54.07 -7.11 0.00	68.62 -9.39 0.22	54.95 -8.18 0.93	44.39 -7.43 4.02	42.12 -6.65 7.74	33.67 -4.53 6.91	36.28 -4.67 4.73	52.14 -6.07 0.00	52.12 -6.11 0.00	38.99 -4.21 0.00	51.81 -6.09 0.00	63.46 -7.64 0.12	51.97 -6.51 2.73	57.58 -7.46 3.68	59.57 -7.85 2.74	64.92 -8.65 5.65	88.51 -10.79 0.00	99.51 -12.57 -0.80	98.09 -11.33 -0.52	76.80 -9.55 2.42	57.81 -8.06 16.61	59.69 -7.18 3.87	79.46 -7.15 0.00	78.96 -7.12 0.00
LOCKPORT___CC2 323770	54.07 -7.11 0.00	68.62 -9.39 0.22	54.95 -8.18 0.93	44.39 -7.43 4.02	42.12 -6.65 7.74	33.67 -4.53 6.91	36.28 -4.67 4.73	52.14 -6.07 0.00	52.12 -6.11 0.00	38.99 -4.21 0.00	51.81 -6.09 0.00	63.46 -7.64 0.12	51.97 -6.51 2.73	57.58 -7.46 3.68	59.57 -7.85 2.74	64.92 -8.65 5.65	88.51 -10.79 0.00	99.51 -12.57 -0.80	98.09 -11.33 -0.52	76.80 -9.55 2.42	57.81 -8.06 16.61	59.69 -7.18 3.87	79.46 -7.15 0.00	78.96 -7.12 0.00
LOCKPORT___CC3 323771	54.07 -7.11 0.00	68.62 -9.39 0.22	54.95 -8.18 0.93	44.39 -7.43 4.02	42.12 -6.65 7.74	33.67 -4.53 6.91	36.28 -4.67 4.73	52.14 -6.07 0.00	52.12 -6.11 0.00	38.99 -4.21 0.00	51.81 -6.09 0.00	63.46 -7.64 0.12	51.97 -6.51 2.73	57.58 -7.46 3.68	59.57 -7.85 2.74	64.92 -8.65 5.65	88.51 -10.79 0.00	99.51 -12.57 -0.80	98.09 -11.33 -0.52	76.80 -9.55 2.42	57.81 -8.06 16.61	59.69 -7.18 3.87	79.46 -7.15 0.00	78.96 -7.12 0.00
LONG_LAKE_PHOENIX 24014	59.03 -2.15 0.00	75.40 -2.83 0.00	61.67 -2.39 0.00	53.71 -2.14 0.00	54.46 -2.04 0.00	43.68 -1.43 0.00	44.43 -1.25 0.00	56.69 -1.52 0.00	56.75 -1.48 0.00	42.11 -1.09 0.00	56.27 -1.63 0.00	69.08 -2.14 0.00	59.23 -1.99 0.00	66.66 -2.06 0.00	68.09 -2.07 0.00	77.26 -2.11 -0.15	96.87 -2.42 0.00	108.68 -2.60 0.00	106.49 -2.41 0.00	86.77 -2.01 0.00	80.56 -1.93 0.00	69.59 -1.82 -0.67	84.43 -2.18 0.00	83.76 -2.32 0.00
LOVETT___3 23632	63.87 2.69 0.00	81.46 3.23 0.00	66.95 2.89 0.00	58.26 2.42 0.00	58.92 2.41 0.00	47.13 2.02 0.00	48.22 2.54 0.00	62.15 3.95 0.00	62.14 3.91 0.00	45.90 2.71 0.00	57.01 4.29 5.18	76.46 5.24 0.00	65.72 4.51 0.00	72.03 5.04 1.73	75.42 5.26 0.00	86.90 5.97 -1.72	107.13 7.83 0.00	130.29 9.01 -9.98	120.38 8.45 -3.03	109.59 7.06 -13.75	91.05 6.67 -1.89	84.24 5.61 -7.89	93.12 6.51 0.00	92.11 6.03 0.00
LOVETT___4 23642	63.87 2.69 0.00	81.46 3.23 0.00	66.95 2.89 0.00	58.26 2.42 0.00	58.92 2.41 0.00	47.13 2.02 0.00	48.22 2.54 0.00	62.15 3.95 0.00	62.14 3.91 0.00	45.90 2.71 0.00	57.01 4.29 5.18	76.46 5.24 0.00	65.72 4.51 0.00	72.03 5.04 1.73	75.42 5.26 0.00	86.90 5.97 -1.72	107.13 7.83 0.00	130.29 9.01 -9.98	120.38 8.45 -3.03	109.59 7.06 -13.75	91.05 6.67 -1.89	84.24 5.61 -7.89	93.12 6.51 0.00	92.11 6.03 0.00
LOVETT___5 23593	63.87 2.69 0.00	81.46 3.23 0.00	66.95 2.89 0.00	58.26 2.42 0.00	58.92 2.41 0.00	47.13 2.02 0.00	48.22 2.54 0.00	62.15 3.95 0.00	62.14 3.91 0.00	45.90 2.71 0.00	57.01 4.29 5.18	76.46 5.24 0.00	65.72 4.51 0.00	72.03 5.04 1.73	75.42 5.26 0.00	86.90 5.97 -1.72	107.13 7.83 0.00	130.29 9.01 -9.98	120.38 8.45 -3.03	109.59 7.06 -13.75	91.05 6.67 -1.89	84.24 5.61 -7.89	93.12 6.51 0.00	92.11 6.03 0.00
LOWER RAQUET___HYD 24057	61.03 -0.14 0.00	78.25 0.02 0.00	63.97 -0.09 0.00	55.75 -0.10 0.00	56.14 -0.37 0.00	44.34 -0.77 0.00	44.11 -1.57 0.00	55.91 -2.30 0.00	55.91 -2.32 0.00	41.59 -1.60 0.00	55.42 -2.47 0.00	68.04 -3.18 0.00	58.50 -2.71 0.00	65.54 -3.19 0.00	66.95 -3.21 0.00	75.32 -3.89 0.00	94.52 -4.78 0.00	104.42 -6.86 0.00	102.55 -6.34 0.00	83.58 -5.20 0.00	77.76 -4.73 0.00	67.90 -2.85 0.00	83.61 -3.00 0.00	84.38 -1.71 0.00
LOWER___HUDSON 24059	63.92 2.74 0.00	81.71 3.48 0.00	67.00 2.94 0.00	58.38 2.54 0.00	59.11 2.60 0.00	47.17 2.07 0.00	47.95 2.27 0.00	61.40 3.20 0.00	61.37 3.14 0.00	45.33 2.14 0.00	60.82 2.92 0.00	74.80 3.58 0.00	64.29 3.08 0.00	72.27 3.54 0.00	74.05 3.89 0.00	86.46 4.77 -2.47	105.30 6.01 0.00	132.98 6.72 -14.98	127.89 6.61 -12.39	150.43 5.46 -56.19	95.16 4.94 -7.73	85.82 4.21 -10.87	91.64 5.04 0.00	90.89 4.80 0.00
LOWVILLE_115KV_TB2 356335	59.96 -1.21 0.00	77.32 -0.91 0.00	63.26 -0.80 0.00	54.93 -0.92 0.00	55.56 -0.95 0.00	44.17 -0.94 0.00	44.70 -0.97 0.00	57.46 -0.75 0.00	57.72 -0.50 0.00	42.99 -0.21 0.00	58.03 0.14 0.00	70.99 -0.23 0.00	60.59 -0.62 0.00	67.55 -1.17 0.00	69.11 -1.05 0.00	78.32 -0.96 -0.07	98.81 -0.48 0.00	110.53 -0.75 0.00	108.68 -0.21 0.00	88.73 -0.04 0.00	82.05 -0.44 0.00	70.65 -0.40 -0.30	86.16 -0.45 0.00	86.18 0.09 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	64.46 3.28 0.00	82.41 4.19 0.00	67.58 3.52 0.00	58.88 3.04 0.00	59.67 3.16 0.00	47.72 2.62 0.00	48.63 2.96 0.00	62.29 4.08 0.00	62.18 3.95 0.00	45.79 2.59 0.00	61.39 3.50 0.00	75.59 4.37 0.00	64.93 3.72 0.00	73.08 4.36 0.00	74.92 4.76 0.00	87.54 5.82 -2.51	106.84 7.54 0.00	136.86 8.53 -17.04	131.46 8.31 -14.25	160.24 6.82 -64.64	97.57 6.18 -8.90	86.96 5.16 -11.07	92.72 6.11 0.00	91.81 5.72 0.00

LUTHERNY_35_KV_BK2 355980	64.46 3.28 0.00	82.42 4.20 0.00	67.60 3.55 0.00	58.90 3.05 0.00	59.65 3.14 0.00	47.79 2.68 0.00	48.66 2.99 0.00	62.33 4.13 0.00	62.24 4.01 0.00	45.77 2.58 0.00	61.41 3.51 0.00	75.65 4.43 0.00	64.98 3.77 0.00	73.14 4.42 0.00	74.97 4.82 0.00	87.62 5.90 -2.51	106.93 7.63 0.00	136.94 8.61 -17.04	131.52 8.37 -14.25	160.29 6.88 -64.64	97.64 6.25 -8.90	86.94 5.13 -11.07	92.79 6.18 0.00	91.86 5.77 0.00
LWR___OSWEGATCHIE_HYD 23850	60.17 -1.01 0.00	77.33 -0.90 0.00	63.24 -0.81 0.00	55.01 -0.84 0.00	55.50 -1.01 0.00	43.93 -1.18 0.00	44.07 -1.61 0.00	56.35 -1.85 0.00	56.47 -1.76 0.00	42.02 -1.17 0.00	56.30 -1.59 0.00	68.95 -2.27 0.00	59.06 -2.15 0.00	66.02 -2.70 0.00	67.47 -2.69 0.00	76.23 -3.03 -0.05	96.05 -3.25 0.00	106.81 -4.47 0.00	105.00 -3.90 0.00	85.64 -3.14 0.00	79.39 -3.09 0.00	68.90 -2.07 -0.22	84.47 -2.14 0.00	84.89 -1.20 0.00
LYONS_FALL_HYD 23570	61.05 -0.13 0.00	78.44 0.22 0.00	64.21 0.15 0.00	55.82 -0.02 0.00	56.51 0.00 0.00	45.10 -0.01 0.00	45.72 0.05 0.00	58.66 0.45 0.00	58.86 0.63 0.00	43.74 0.54 0.00	58.82 0.92 0.00	72.15 0.93 0.00	61.62 0.41 0.00	69.04 0.32 0.00	70.55 0.39 0.00	79.98 0.69 -0.07	100.70 1.40 0.00	112.75 1.46 0.00	110.66 1.77 0.00	90.27 1.49 0.00	83.60 1.12 0.00	71.88 0.85 -0.29	87.60 0.99 0.00	87.29 1.21 0.00
MADISON___COUNTY_LFGE 323628	62.41 1.23 0.00	79.93 1.70 0.00	65.35 1.29 0.00	56.94 1.09 0.00	57.76 1.25 0.00	46.38 1.27 0.00	47.24 1.56 0.00	60.45 2.24 0.00	60.53 2.30 0.00	44.85 1.66 0.00	59.83 1.94 0.00	73.56 2.34 0.00	62.97 1.76 0.00	70.95 2.23 0.00	72.42 2.26 0.00	82.18 2.84 -0.12	103.25 3.96 0.00	115.73 4.45 0.00	113.33 4.43 0.00	92.24 3.47 0.00	85.60 3.11 0.00	73.72 2.45 -0.52	89.49 2.88 0.00	88.73 2.64 0.00
MALONE___115KV_TB1 356076	64.21 -0.18 -3.21	78.13 -0.10 0.00	64.05 -0.01 0.00	56.05 0.20 0.00	56.37 -0.14 0.00	44.82 -0.29 0.00	44.98 -0.70 0.00	57.05 -1.15 0.00	57.16 -1.07 0.00	42.47 -0.72 0.00	56.65 -1.24 0.00	69.62 -1.60 0.00	59.87 -1.35 0.00	67.34 -1.39 0.00	68.89 -1.27 0.00	77.51 -1.70 0.00	97.21 -2.09 0.00	107.78 -3.50 0.00	105.62 -3.28 0.00	86.34 -2.44 0.00	80.09 -2.39 0.00	69.40 -1.34 0.00	84.93 -1.68 0.00	85.26 -0.83 0.00
MAPLEWOD_115KV_TB3 80458	63.72 2.54 0.00	81.47 3.25 0.00	66.82 2.77 0.00	58.22 2.37 0.00	58.95 2.44 0.00	46.95 1.85 0.00	47.67 2.00 0.00	61.06 2.85 0.00	61.06 2.83 0.00	45.14 1.94 0.00	60.54 2.64 0.00	74.49 3.27 0.00	64.03 2.82 0.00	72.01 3.29 0.00	73.74 3.58 0.00	86.00 4.33 -2.46	104.54 5.25 0.00	129.39 5.74 -12.37	125.09 5.79 -10.41	140.72 4.74 -47.21	93.36 4.37 -6.50	85.30 3.73 -10.82	91.08 4.48 0.00	90.52 4.43 0.00
MAPLE_RIDGE_WT_1 323574	60.29 -0.89 0.00	77.32 -0.90 0.00	63.48 -0.58 0.00	55.37 -0.48 0.00	55.93 -0.58 0.00	44.36 -0.75 0.00	44.60 -1.08 0.00	56.75 -1.45 0.00	56.90 -1.33 0.00	42.52 -0.67 0.00	56.96 -0.94 0.00	70.10 -1.12 0.00	60.11 -1.10 0.00	67.42 -1.30 0.00	68.71 -1.45 0.00	77.36 -1.85 0.00	96.86 -2.44 0.00	108.46 -2.82 0.00	106.18 -2.71 0.00	86.65 -2.12 0.00	80.59 -1.90 0.00	69.34 -1.41 0.00	84.84 -1.77 0.00	84.63 -1.46 0.00
MAPLE_RIDGE_WT_2 323611	60.29 -0.89 0.00	77.32 -0.90 0.00	63.48 -0.58 0.00	55.37 -0.48 0.00	55.93 -0.58 0.00	44.36 -0.75 0.00	44.60 -1.08 0.00	56.75 -1.45 0.00	56.90 -1.33 0.00	42.52 -0.67 0.00	56.96 -0.94 0.00	70.10 -1.12 0.00	60.11 -1.10 0.00	67.42 -1.30 0.00	68.71 -1.45 0.00	77.36 -1.85 0.00	96.86 -2.44 0.00	108.46 -2.82 0.00	106.18 -2.71 0.00	86.65 -2.12 0.00	80.59 -1.90 0.00	69.34 -1.41 0.00	84.84 -1.77 0.00	84.63 -1.46 0.00
MARBLE_RIVER_WT_PWR 323696	13.00 -1.43 46.75	76.52 -1.71 0.00	62.94 -1.12 0.00	54.92 -0.93 0.00	55.32 -1.19 0.00	44.02 -1.09 0.00	44.22 -1.46 0.00	56.00 -2.21 0.00	56.05 -2.18 0.00	41.62 -1.57 0.00	55.63 -2.26 0.00	68.37 -2.85 0.00	58.81 -2.41 0.00	66.24 -2.49 0.00	67.80 -2.36 0.00	76.28 -2.93 0.00	95.59 -3.71 0.00	106.03 -5.25 0.00	103.53 -5.36 0.00	84.80 -3.97 0.00	78.55 -3.94 0.00	68.01 -2.73 0.00	83.24 -3.37 0.00	83.61 -2.48 0.00
MARSHVLE_115KV_TB1 80742	63.71 2.53 0.00	81.43 3.20 0.00	66.62 2.56 0.00	58.09 2.24 0.00	58.87 2.36 0.00	47.19 2.08 0.00	48.01 2.34 0.00	61.18 2.97 0.00	60.74 2.51 0.00	44.83 1.63 0.00	59.81 1.91 0.00	73.75 2.53 0.00	63.35 2.14 0.00	71.34 2.62 0.00	72.85 2.69 0.00	85.21 3.26 -2.73	104.23 4.94 0.00	133.31 6.25 -15.77	128.34 6.25 -13.19	153.48 4.88 -59.82	95.09 4.38 -8.23	86.84 3.72 -12.37	91.02 4.41 0.00	90.22 4.13 0.00
MARSH_HILL_WT_PWR 323713	55.58 -5.59 0.00	71.50 -7.70 -0.98	61.48 -6.80 -4.23	67.85 -6.02 -18.02	85.09 -5.69 -34.27	72.94 -3.25 -31.08	64.30 -2.72 -21.34	55.12 -3.09 0.00	55.32 -2.91 0.00	41.08 -2.11 0.00	54.25 -3.65 0.00	66.41 -5.34 -0.53	68.20 -4.95 -11.93	78.99 -5.81 -16.08	76.51 -5.62 -11.97	90.91 -5.12 -16.82	93.71 -5.59 0.00	106.02 -6.43 -1.16	103.70 -5.95 -0.75	107.96 -5.23 -24.41	152.61 -4.32 -74.44	90.54 -4.71 -24.51	80.62 -5.99 0.00	79.61 -6.48 0.00
MCINTYRE_115KV_TB2 80467	62.67 1.49 0.00	80.27 2.05 0.00	65.54 1.49 0.00	57.12 1.27 0.00	57.65 1.14 0.00	45.76 0.66 0.00	45.79 0.11 0.00	57.94 -0.26 0.00	57.87 -0.36 0.00	42.93 -0.27 0.00	56.79 -1.11 0.00	69.53 -1.69 0.00	59.91 -1.30 0.00	67.08 -1.64 0.00	68.78 -1.38 0.00	77.49 -1.73 0.00	97.52 -1.77 0.00	108.09 -3.20 0.00	106.07 -2.83 0.00	86.39 -2.39 0.00	80.33 -2.16 0.00	69.72 -1.02 0.00	85.51 -1.10 0.00	86.08 -0.01 0.00
MECO_____69_KV_BK1 80468	64.90 3.72 0.00	82.91 4.68 0.00	67.88 3.82 0.00	59.17 3.33 0.00	60.01 3.50 0.00	48.09 2.99 0.00	49.05 3.37 0.00	62.74 4.53 0.00	62.15 3.92 0.00	45.50 2.30 0.00	60.71 2.82 0.00	75.11 3.89 0.00	64.38 3.17 0.00	72.53 3.81 0.00	74.31 4.15 0.00	87.21 5.36 -2.64	107.04 7.74 0.00	137.57 9.50 -16.79	132.36 9.38 -14.08	160.13 7.50 -63.85	98.01 6.73 -8.79	88.26 5.59 -11.92	93.17 6.56 0.00	92.23 6.14 0.00
MENANDS___115KV_TB5 355628	63.44 2.27 0.00	81.14 2.92 0.00	66.57 2.51 0.00	57.99 2.15 0.00	58.73 2.22 0.00	46.71 1.61 0.00	47.41 1.74 0.00	60.71 2.51 0.00	60.72 2.50 0.00	44.93 1.73 0.00	60.28 2.39 0.00	74.19 2.97 0.00	63.76 2.55 0.00	71.67 2.94 0.00	73.40 3.24 0.00	85.49 3.83 -2.45	103.77 4.48 0.00	127.83 4.77 -11.78	123.71 4.87 -9.94	137.84 3.97 -45.09	92.46 3.77 -6.21	84.79 3.25 -10.80	90.55 3.94 0.00	90.07 3.98 0.00
MG INDUSTRY___DRP 24185	63.19 2.01 0.00	80.91 2.69 0.00	66.37 2.32 0.00	57.84 2.00 0.00	58.59 2.08 0.00	46.51 1.40 0.00	47.22 1.54 0.00	60.37 2.17 0.00	60.26 2.03 0.00	44.47 1.28 0.00	59.76 1.87 0.00	73.56 2.33 0.00	63.21 2.00 0.00	71.05 2.33 0.00	72.79 2.63 0.00	84.65 3.05 -2.39	102.92 3.63 0.00	122.90 3.79 -7.82	119.41 3.91 -6.60	121.91 3.19 -29.95	89.75 3.14 -4.12	83.95 2.70 -10.50	89.94 3.33 0.00	89.58 3.49 0.00

MID___OSWEGATCHIE_HYD 23849	60.17 -1.01 0.00	77.33 -0.90 0.00	63.24 -0.81 0.00	55.01 -0.84 0.00	55.50 -1.01 0.00	43.93 -1.18 0.00	44.07 -1.61 0.00	56.35 -1.85 0.00	56.47 -1.76 0.00	42.02 -1.17 0.00	56.30 -1.59 0.00	68.95 -2.27 0.00	59.06 -2.15 0.00	66.02 -2.70 0.00	67.47 -2.69 0.00	76.23 -3.03 -0.05	96.05 -3.25 0.00	106.81 -4.47 0.00	105.00 -3.90 0.00	85.64 -3.14 0.00	79.39 -3.09 0.00	68.90 -2.07 -0.22	84.47 -2.14 0.00	84.89 -1.20 0.00
MID___RAQUETTE_HYD 23851	61.03 -0.14 0.00	78.25 0.02 0.00	63.97 -0.09 0.00	55.76 -0.09 0.00	56.14 -0.37 0.00	44.34 -0.77 0.00	44.11 -1.57 0.00	55.91 -2.30 0.00	55.91 -2.32 0.00	41.59 -1.60 0.00	55.42 -2.47 0.00	68.04 -3.18 0.00	58.50 -2.71 0.00	65.54 -3.19 0.00	66.95 -3.21 0.00	75.31 -3.90 0.00	94.52 -4.77 0.00	104.42 -6.86 0.00	102.55 -6.34 0.00	83.58 -5.20 0.00	77.76 -4.73 0.00	67.90 -2.84 0.00	83.60 -3.01 0.00	84.38 -1.71 0.00
MILLIKEN___1 23584	61.64 0.46 0.00	78.66 0.43 0.00	64.12 0.06 0.00	55.86 0.02 0.00	56.76 0.25 0.00	45.76 0.66 0.00	46.67 0.99 0.00	59.77 1.56 0.00	59.98 1.75 0.00	44.35 1.16 0.00	59.12 1.23 0.00	72.54 1.32 0.00	62.17 0.96 0.00	70.00 1.28 0.00	71.53 1.38 0.00	81.53 2.04 -0.27	102.25 2.95 0.00	115.91 3.45 -1.18	113.36 3.68 -0.78	95.05 2.72 -3.56	85.30 2.33 -0.49	74.10 1.56 -1.80	88.57 1.96 0.00	87.76 1.68 0.00
MILLIKEN___2 23585	61.64 0.46 0.00	78.66 0.43 0.00	64.12 0.06 0.00	55.86 0.02 0.00	56.76 0.25 0.00	45.76 0.66 0.00	46.67 0.99 0.00	59.77 1.56 0.00	59.98 1.75 0.00	44.35 1.16 0.00	59.12 1.23 0.00	72.54 1.32 0.00	62.17 0.96 0.00	70.00 1.28 0.00	71.53 1.38 0.00	81.53 2.04 -0.27	102.25 2.95 0.00	115.91 3.45 -1.18	113.36 3.68 -0.78	95.05 2.72 -3.56	85.30 2.33 -0.49	74.10 1.56 -1.80	88.57 1.96 0.00	87.76 1.68 0.00
MILLIKEN___DIESEL 23629	61.64 0.46 0.00	78.66 0.43 0.00	64.12 0.06 0.00	55.86 0.02 0.00	56.76 0.25 0.00	45.76 0.66 0.00	46.67 0.99 0.00	59.77 1.56 0.00	59.98 1.75 0.00	44.35 1.16 0.00	59.12 1.23 0.00	72.54 1.32 0.00	62.17 0.96 0.00	70.00 1.28 0.00	71.53 1.38 0.00	81.53 2.04 -0.27	102.25 2.95 0.00	115.91 3.45 -1.18	113.36 3.68 -0.78	95.05 2.72 -3.56	85.30 2.33 -0.49	74.10 1.56 -1.80	88.57 1.96 0.00	87.76 1.68 0.00
MILLSEAT___LFGE 323607	56.08 -5.09 0.00	71.19 -6.86 0.17	57.28 -6.07 0.71	47.22 -5.54 3.08	45.83 -4.73 5.94	36.87 -2.96 5.28	39.11 -2.96 3.61	54.43 -3.78 0.00	54.40 -3.83 0.00	40.60 -2.60 0.00	53.84 -4.06 0.00	66.02 -5.11 0.09	54.72 -4.40 2.10	60.65 -5.24 2.83	62.69 -5.37 2.11	69.16 -5.81 4.24	92.38 -6.92 0.00	104.01 -7.87 -0.60	102.57 -6.82 -0.50	81.45 -5.91 1.42	64.98 -4.80 12.71	63.53 -4.49 2.73	82.51 -4.10 0.00	81.86 -4.22 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	64.40 3.23 0.00	82.14 3.92 0.00	67.45 3.39 0.00	58.71 2.87 0.00	59.41 2.90 0.00	47.50 2.39 0.00	48.59 2.91 0.00	62.66 4.45 0.00	62.64 4.41 0.00	46.28 3.08 0.00	66.24 4.83 -3.51	77.12 5.91 0.00	66.29 5.08 0.00	75.58 5.68 -1.17	76.09 5.94 0.00	87.74 6.75 -1.78	108.11 8.82 0.00	131.84 10.11 -10.44	121.57 9.56 -3.12	110.89 7.96 -14.16	91.91 7.48 -1.95	85.14 6.27 -8.13	93.99 7.38 0.00	92.95 6.86 0.00
MILLWOOD_13_KV_LOAD 356217	64.50 3.32 0.00	82.27 4.04 0.00	67.56 3.50 0.00	58.78 2.94 0.00	59.50 2.99 0.00	47.57 2.46 0.00	48.67 3.00 0.00	62.76 4.56 0.00	62.75 4.52 0.00	46.35 3.15 0.00	66.33 4.92 -3.51	77.24 6.02 0.00	66.39 5.18 0.00	75.68 5.79 -1.17	76.21 6.05 0.00	87.89 6.90 -1.78	108.30 9.01 0.00	132.07 10.34 -10.44	121.84 9.82 -3.12	111.08 8.14 -14.16	92.09 7.65 -1.95	85.27 6.40 -8.13	94.15 7.54 0.00	93.10 7.01 0.00
MODEL_CITY_ENERGY 24167	53.68 -7.50 0.00	68.11 -9.89 0.22	54.56 -8.60 0.90	44.18 -7.76 3.91	42.03 -6.88 7.60	33.71 -4.73 6.67	36.18 -4.95 4.55	51.63 -6.58 0.00	51.62 -6.61 0.00	38.66 -4.54 0.00	51.37 -6.53 0.00	62.92 -8.18 0.12	51.63 -6.89 2.69	57.26 -7.84 3.62	59.20 -8.26 2.69	64.28 -9.19 5.75	87.66 -11.64 0.00	98.56 -13.53 -0.81	97.19 -12.24 -0.53	76.22 -10.25 2.31	57.69 -8.47 16.32	59.35 -7.62 3.77	78.90 -7.71 0.00	78.47 -7.61 0.00
MODERN_LFGE___ 323580	53.68 -7.50 0.00	68.11 -9.89 0.22	54.56 -8.60 0.90	44.18 -7.76 3.91	42.03 -6.88 7.60	33.71 -4.73 6.67	36.18 -4.95 4.55	51.63 -6.58 0.00	51.62 -6.61 0.00	38.66 -4.54 0.00	51.37 -6.53 0.00	62.92 -8.18 0.12	51.63 -6.89 2.69	57.26 -7.84 3.62	59.20 -8.26 2.69	64.28 -9.19 5.75	87.66 -11.64 0.00	98.56 -13.53 -0.81	97.19 -12.24 -0.53	76.22 -10.25 2.31	57.69 -8.47 16.32	59.35 -7.62 3.77	78.90 -7.71 0.00	78.47 -7.61 0.00
MOHAWK_PAPER___DRP 24187	63.72 2.54 0.00	81.47 3.25 0.00	66.82 2.77 0.00	58.22 2.37 0.00	58.95 2.44 0.00	46.95 1.85 0.00	47.67 2.00 0.00	61.06 2.85 0.00	61.06 2.83 0.00	45.14 1.94 0.00	60.54 2.64 0.00	74.49 3.27 0.00	64.03 2.82 0.00	72.01 3.29 0.00	73.74 3.58 0.00	86.00 4.33 -2.46	104.54 5.25 0.00	129.39 5.74 -12.37	125.09 5.79 -10.41	140.72 4.74 -47.21	93.36 4.37 -6.50	85.30 3.73 -10.82	91.08 4.48 0.00	90.52 4.43 0.00
MOHICAN___35_KV_115KV_LD 80490	64.95 3.77 0.00	82.99 4.77 0.00	68.00 3.94 0.00	59.26 3.42 0.00	60.09 3.58 0.00	48.23 3.12 0.00	49.35 3.67 0.00	63.28 5.08 0.00	63.13 4.90 0.00	46.40 3.20 0.00	62.16 4.27 0.00	76.51 5.29 0.00	65.68 4.47 0.00	73.82 5.10 0.00	75.92 5.76 0.00	88.95 7.23 -2.51	108.59 9.29 0.00	138.84 10.41 -17.14	133.47 10.23 -14.34	162.32 8.49 -65.05	99.06 7.62 -8.95	88.11 6.30 -11.08	93.83 7.23 0.00	92.75 6.66 0.00
MONGAUP___HYD 23641	64.53 3.36 0.00	82.31 4.09 0.00	67.49 3.43 0.00	58.74 2.90 0.00	59.49 2.98 0.00	47.62 2.51 0.00	48.76 3.08 0.00	62.74 4.54 0.00	62.67 4.44 0.00	45.93 2.73 0.00	58.74 3.99 3.15	75.91 4.69 0.00	65.22 4.01 0.00	72.14 4.46 1.05	75.12 4.96 0.00	86.85 6.01 -1.62	107.66 8.37 0.00	129.52 9.05 -9.18	120.50 8.73 -2.87	109.01 7.20 -13.04	91.10 6.83 -1.79	84.42 6.22 -7.46	94.01 7.40 0.00	92.91 6.82 0.00
MONTAUK___DIESEL 23721	67.15 5.97 -0.01	85.33 7.09 -0.01	69.09 5.03 0.00	60.23 4.39 0.00	64.99 4.69 -3.79	48.82 3.71 -0.01	50.06 4.35 -0.04	64.26 6.05 -0.01	63.72 5.49 0.00	46.31 3.12 0.00	67.51 5.38 -4.24	77.45 6.91 0.68	68.57 5.93 -1.43	74.46 6.12 0.38	75.27 6.39 1.28	88.41 7.41 -1.79	110.30 11.00 0.00	135.15 13.35 -10.52	124.98 12.95 -3.14	114.35 11.31 -14.26	95.63 10.29 -2.85	97.78 8.45 -18.59	130.69 9.98 -34.10	116.98 9.45 -21.45
MOONROAD_115KV_HARTFLD_TB1-2 355988	55.42 -5.76 0.00	70.84 -7.16 0.22	56.68 -6.44 0.94	46.19 -5.65 4.00	44.09 -4.77 7.64	35.37 -2.85 6.89	37.87 -3.08 4.73	54.15 -4.06 0.00	53.79 -4.44 0.00	39.85 -3.34 0.00	53.35 -4.55 0.00	65.77 -5.33 0.12	53.79 -4.72 2.70	60.05 -5.04 3.64	62.78 -4.67 2.71	68.49 -4.97 5.76	92.90 -6.40 0.00	104.93 -7.28 -0.93	102.90 -6.61 -0.61	79.59 -7.22 1.96	60.00 -6.12 16.36	61.01 -6.12 3.61	80.32 -6.29 0.00	78.89 -7.20 0.00

MORRIS_RIDGE___SOLAR 323848	55.99 -5.19 0.00	69.96 -6.92 1.35	51.88 -6.33 5.85	25.25 -5.66 24.93	3.79 -5.28 47.44	-1.05 -3.18 42.98	13.26 -2.90 29.51	54.92 -3.28 0.00	55.14 -3.09 0.00	40.84 -2.35 0.00	54.21 -3.69 0.00	65.38 -5.11 0.73	39.89 -4.74 16.58	40.97 -5.42 22.34	48.05 -5.48 16.63	48.36 -5.38 25.48	92.95 -6.35 0.00	104.90 -7.46 -1.08	102.91 -6.71 -0.72	56.99 -5.92 25.86	-24.80 -4.99 102.30	36.09 -4.92 29.73	81.10 -5.51 0.00	80.26 -5.83 0.00
MORTIMER_115KV_TB3 55949	57.51 -3.67 0.00	73.30 -4.93 0.00	59.79 -4.27 0.00	51.90 -3.96 0.00	52.92 -3.59 0.00	42.84 -2.28 -0.01	43.52 -2.17 -0.01	55.57 -2.63 0.00	55.65 -2.58 0.00	41.58 -1.62 0.00	55.44 -2.46 0.00	68.09 -3.13 0.00	58.35 -2.86 0.00	65.39 -3.33 0.00	66.65 -3.51 0.00	76.00 -3.63 -0.42	95.10 -4.20 0.00	106.99 -4.81 -0.51	105.21 -4.11 -0.42	87.01 -3.69 -1.92	79.51 -3.24 -0.26	68.93 -2.90 -1.09	84.08 -2.53 0.00	83.40 -2.69 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	64.73 3.55 0.00	82.51 4.29 0.00	67.73 3.67 0.00	58.93 3.09 0.00	59.65 3.14 0.00	47.71 2.60 0.00	48.85 3.17 0.00	63.04 4.84 0.00	63.07 4.84 0.00	46.62 3.42 -3.16	66.47 5.41 0.00	77.87 6.65 0.00	66.95 5.74 0.00	76.19 6.41 -1.05	76.83 6.67 0.00	88.55 7.55 -1.79	109.05 9.75 0.00	132.95 11.15 -10.52	122.62 10.59 -3.13	111.79 8.79 -14.23	92.70 8.25 -1.96	85.83 6.91 -8.17	94.78 8.18 0.00	93.65 7.56 0.00
MUNSVILLE_WIND_PWR 323609	63.75 2.58 0.00	80.35 2.13 0.00	65.52 1.46 0.00	56.99 1.15 0.00	57.94 1.43 0.00	46.77 1.67 0.00	48.41 2.73 0.00	62.60 4.39 0.00	62.46 4.23 0.00	46.28 3.09 0.00	61.92 4.02 0.00	75.52 4.30 0.00	64.88 3.67 0.00	72.79 4.07 0.00	74.38 4.22 0.00	85.13 5.58 -0.34	108.28 8.99 0.00	123.92 10.43 -2.20	121.24 10.81 -1.53	102.99 7.27 -6.94	89.84 6.40 -0.96	78.25 4.80 -2.71	91.63 5.02 0.00	90.42 4.33 0.00
N SALMON___HYD 24042	64.21 -0.18 -3.21	78.13 -0.10 0.00	64.05 -0.01 0.00	56.04 0.19 0.00	56.37 -0.14 0.00	44.82 -0.29 0.00	44.98 -0.69 0.00	57.05 -1.16 0.00	57.16 -1.07 0.00	42.47 -0.72 0.00	56.65 -1.24 0.00	69.61 -1.61 0.00	59.87 -1.35 0.00	67.34 -1.38 0.00	68.88 -1.28 0.00	77.50 -1.71 0.00	97.20 -2.09 0.00	107.78 -3.50 0.00	105.62 -3.28 0.00	86.34 -2.44 0.00	80.10 -2.39 0.00	69.40 -1.34 0.00	84.93 -1.68 0.00	85.26 -0.83 0.00
N.AKRON__115KV_KNAPP 355671	55.56 -5.62 0.00	70.51 -7.53 0.18	56.65 -6.63 0.77	46.44 -6.07 3.33	44.78 -5.29 6.43	36.00 -3.39 5.71	38.33 -3.45 3.91	53.82 -4.39 0.00	53.81 -4.42 0.00	40.17 -3.03 0.00	53.32 -4.57 0.00	65.34 -5.78 0.10	53.99 -4.95 2.27	59.81 -5.86 3.06	61.82 -6.06 2.28	68.04 -6.53 4.65	91.28 -8.01 0.00	102.90 -9.15 -0.77	101.35 -8.06 -0.51	80.22 -6.87 1.68	62.96 -5.75 13.77	62.49 -5.22 3.03	81.74 -4.86 0.00	81.11 -4.98 0.00
N.BELMOR_69_KV_BK1 55787	65.74 4.56 0.00	83.83 5.59 -0.01	68.62 4.56 0.00	59.72 3.88 0.00	63.49 4.09 -2.89	48.54 3.42 0.00	49.84 4.08 -0.08	64.07 5.86 0.00	63.83 5.59 0.00	46.97 3.77 0.00	88.57 6.32 -24.36	84.38 7.81 -5.35	77.58 6.74 -9.63	82.70 7.42 -6.55	81.89 7.66 -4.07	89.32 8.31 -1.79	110.23 10.93 0.00	134.25 12.45 -10.52	124.03 12.00 -3.14	113.36 10.34 -14.24	94.90 9.78 -2.64	97.62 8.32 -18.55	128.38 10.15 -31.62	127.40 9.54 -31.77
N.E_GEN_SANDY PD 24062	68.89 3.11 -4.60	84.86 3.88 -2.75	70.52 3.31 -3.16	74.18 2.82 -15.50	71.14 2.88 -11.75	76.32 2.27 -28.93	81.29 2.55 -33.07	77.67 3.69 -15.77	71.57 3.65 -9.69	62.66 2.56 -16.91	72.57 3.74 -10.93	77.14 4.51 -1.40	65.09 3.88 0.00	73.39 4.39 -0.28	78.26 4.70 -3.41	92.01 5.56 -7.23	151.91 7.03 -45.58	173.81 7.92 -54.60	184.15 7.66 -67.59	174.10 6.36 -78.97	138.14 5.85 -49.81	122.82 5.03 -47.05	132.31 6.05 -39.65	98.88 5.75 -7.04
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	64.00 2.82 0.00	81.63 3.41 0.00	67.09 3.03 0.00	58.38 2.53 0.00	59.04 2.53 0.00	47.22 2.11 0.00	48.32 2.64 0.00	62.31 4.11 0.00	62.28 4.05 0.00	46.00 2.81 0.00	57.23 4.41 5.08	76.62 5.40 0.00	65.84 4.63 0.00	72.20 5.17 1.70	75.56 5.40 0.00	87.11 6.17 -1.72	107.39 8.09 0.00	130.52 9.28 -9.96	120.66 8.73 -3.03	109.80 7.30 -13.73	91.27 6.90 -1.89	84.37 5.75 -7.87	93.34 6.73 0.00	92.32 6.23 0.00
N.QUEENS_27_KV_LOAD 356247	64.94 3.76 -0.01	82.83 4.59 -0.01	67.94 3.88 0.00	59.16 3.31 -0.01	59.84 3.32 -0.01	47.82 2.71 0.00	49.11 3.43 0.00	63.37 5.16 0.00	63.47 5.24 0.00	46.86 3.66 0.00	66.66 5.60 -3.17	78.12 6.90 -0.01	67.19 5.97 -0.01	76.48 6.70 -1.06	77.13 6.96 -0.01	88.78 7.78 -1.79	109.41 10.11 -0.01	133.18 11.37 -10.53	122.85 10.81 -3.14	112.05 9.05 -14.23	93.10 8.66 -1.96	86.08 7.16 -8.17	95.08 8.47 0.00	93.88 7.80 0.00
N.TROY___115KV_TB1 355778	63.92 2.74 0.00	81.71 3.48 0.00	66.99 2.94 0.00	58.38 2.54 0.00	59.11 2.60 0.00	47.18 2.07 0.00	47.96 2.28 0.00	61.40 3.20 0.00	61.37 3.14 0.00	45.33 2.14 0.00	60.82 2.92 0.00	74.80 3.58 0.00	64.28 3.07 0.00	72.27 3.54 0.00	74.06 3.90 0.00	86.45 4.77 -2.47	105.30 6.01 0.00	132.98 6.72 -14.98	127.89 6.61 -12.39	150.43 5.46 -56.19	95.16 4.94 -7.73	85.83 4.21 -10.87	91.65 5.04 0.00	90.89 4.80 0.00
NARROWS_GT1_1 24228	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.43 -23.05	101.04 8.42 -13.41	146.74 10.87 -36.58	314.69 12.39 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.42 9.24 -264.69	180.72 7.75 -102.23	128.52 9.12 -32.79	103.31 8.38 -8.84
NARROWS_GT1_2 24229	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.43 -23.05	101.04 8.42 -13.41	146.74 10.87 -36.58	314.69 12.39 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.42 9.24 -264.69	180.72 7.75 -102.23	128.52 9.12 -32.79	103.31 8.38 -8.84
NARROWS_GT1_3 24230	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.43 -23.05	101.04 8.42 -13.41	146.74 10.87 -36.58	314.69 12.39 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.42 9.24 -264.69	180.72 7.75 -102.23	128.52 9.12 -32.79	103.31 8.38 -8.84
NARROWS_GT1_4 24231	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.43 -23.05	101.04 8.42 -13.41	146.74 10.87 -36.58	314.69 12.39 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.42 9.24 -264.69	180.72 7.75 -102.23	128.52 9.12 -32.79	103.31 8.38 -8.84

NARROWS_GT1_5 24232	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.43 -23.05	101.04 8.42 -13.41	146.74 10.87 -36.58	314.69 12.39 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.42 9.24 -264.69	180.72 7.75 -102.23	128.52 9.12 -32.79	103.31 8.38 -8.84
NARROWS_GT1_6 24233	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.43 -23.05	101.04 8.42 -13.41	146.74 10.87 -36.58	314.69 12.39 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.42 9.24 -264.69	180.72 7.75 -102.23	128.52 9.12 -32.79	103.31 8.38 -8.84
NARROWS_GT1_7 24234	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.43 -23.05	101.04 8.42 -13.41	146.74 10.87 -36.58	314.69 12.39 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.42 9.24 -264.69	180.72 7.75 -102.23	128.52 9.12 -32.79	103.31 8.38 -8.84
NARROWS_GT1_8 24235	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.43 -23.05	101.04 8.42 -13.41	146.74 10.87 -36.58	314.69 12.39 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.42 9.24 -264.69	180.72 7.75 -102.23	128.52 9.12 -32.79	103.31 8.38 -8.84
NARROWS_GT2_1 24236	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.43 -23.05	101.04 8.42 -13.41	146.74 10.87 -36.58	314.69 12.39 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.42 9.24 -264.69	180.72 7.75 -102.23	128.52 9.12 -32.79	103.31 8.38 -8.84
NARROWS_GT2_2 24237	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.43 -23.05	101.04 8.42 -13.41	146.74 10.87 -36.58	314.69 12.39 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.42 9.24 -264.69	180.72 7.75 -102.23	128.52 9.12 -32.79	103.31 8.38 -8.84
NARROWS_GT2_3 24238	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.43 -23.05	101.04 8.42 -13.41	146.74 10.87 -36.58	314.69 12.39 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.42 9.24 -264.69	180.72 7.75 -102.23	128.52 9.12 -32.79	103.31 8.38 -8.84
NARROWS_GT2_4 24239	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.43 -23.05	101.04 8.42 -13.41	146.74 10.87 -36.58	314.69 12.39 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.42 9.24 -264.69	180.72 7.75 -102.23	128.52 9.12 -32.79	103.31 8.38 -8.84
NARROWS_GT2_5 24240	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.43 -23.05	101.04 8.42 -13.41	146.74 10.87 -36.58	314.69 12.39 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.42 9.24 -264.69	180.72 7.75 -102.23	128.52 9.12 -32.79	103.31 8.38 -8.84
NARROWS_GT2_6 24241	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.43 -23.05	101.04 8.42 -13.41	146.74 10.87 -36.58	314.69 12.39 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.42 9.24 -264.69	180.72 7.75 -102.23	128.52 9.12 -32.79	103.31 8.38 -8.84
NARROWS_GT2_7 24242	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.43 -23.05	101.04 8.42 -13.41	146.74 10.87 -36.58	314.69 12.39 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.42 9.24 -264.69	180.72 7.75 -102.23	128.52 9.12 -32.79	103.31 8.38 -8.84
NARROWS_GT2_8 24243	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.43 -23.05	101.04 8.42 -13.41	146.74 10.87 -36.58	314.69 12.39 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.42 9.24 -264.69	180.72 7.75 -102.23	128.52 9.12 -32.79	103.31 8.38 -8.84
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	64.91 3.73 0.00	82.99 4.77 0.00	68.06 4.00 0.00	59.33 3.48 0.00	60.13 3.62 0.00	47.82 2.71 0.00	48.62 2.95 0.00	62.32 4.11 0.00	62.20 3.97 0.00	45.56 2.37 0.00	60.92 3.02 0.00	75.03 3.81 0.00	64.55 3.34 0.00	72.64 3.92 0.00	74.69 4.53 0.00	86.86 5.41 -2.23	106.08 6.79 0.00	127.78 7.84 -8.66	123.11 7.83 -6.38	123.94 6.24 -28.93	92.53 6.06 -3.98	85.88 5.07 -10.06	92.75 6.14 0.00	92.43 6.34 0.00
NCHELSEA_115KV_TR2 355582	65.20 4.02 0.00	83.14 4.91 0.00	68.25 4.19 0.00	59.40 3.56 0.00	60.13 3.63 0.00	48.11 3.00 0.00	49.24 3.56 0.00	63.48 5.27 0.00	63.45 5.21 0.00	46.80 3.61 0.00	63.33 5.43 0.00	77.77 6.55 0.00	66.86 5.65 0.00	75.12 6.40 0.00	76.89 6.73 0.00	88.76 7.76 -1.79	109.54 10.24 0.00	133.41 11.79 -10.33	123.40 11.29 -3.21	112.65 9.31 -14.56	93.18 8.69 -2.00	86.16 7.25 -8.16	95.18 8.57 0.00	94.07 7.99 0.00
NEG CAPITAL___MECHNVIL 23645	64.61 3.43 0.00	82.59 4.37 0.00	67.72 3.66 0.00	59.00 3.15 0.00	59.78 3.27 0.00	47.81 2.70 0.00	48.72 3.04 0.00	62.42 4.22 0.00	62.32 4.09 0.00	45.91 2.72 0.00	61.56 3.66 0.00	75.78 4.56 0.00	65.09 3.88 0.00	73.28 4.56 0.00	75.12 4.96 0.00	87.75 6.04 -2.50	107.11 7.81 0.00	136.75 8.85 -16.62	131.28 8.64 -13.75	158.20 7.08 -62.35	97.48 6.41 -8.58	87.12 5.37 -11.01	92.92 6.31 0.00	92.02 5.93 0.00



NEG CENTRAL_HIGH_ACRES 23767	57.19 -3.99 0.00	72.92 -5.31 0.00	59.52 -4.54 0.00	51.70 -4.14 0.00	52.72 -3.78 0.00	42.59 -2.52 0.00	43.35 -2.33 0.00	55.41 -2.79 0.00	55.47 -2.76 0.00	41.36 -1.83 0.00	55.13 -2.76 0.00	67.73 -3.49 0.00	58.06 -3.15 0.00	65.15 -3.57 0.00	66.40 -3.76 0.00	75.84 -3.85 -0.48	94.76 -4.53 0.00	106.10 -5.19 0.00	104.29 -4.61 0.00	84.70 -4.08 0.00	78.79 -3.70 0.00	68.48 -3.33 -1.06	83.28 -3.33 0.00	82.60 -3.49 0.00
NEG CENTRAL___DRP 24199	59.84 -1.34 0.00	76.45 -1.88 -0.10	62.57 -1.92 -0.43	55.95 -1.73 -1.84	58.54 -1.47 -3.50	47.78 -0.51 -3.17	47.66 -0.19 -2.18	58.25 0.04 0.00	58.49 0.26 0.00	43.36 0.16 0.00	57.65 -0.25 0.00	70.75 -0.53 -0.05	61.88 -0.55 -1.22	69.67 -0.70 -1.64	70.65 -0.73 -1.22	80.88 -0.35 -2.01	99.13 -0.16 0.00	111.61 -0.26 -0.58	109.43 0.05 -0.48	92.89 -0.21 -4.32	90.05 -0.29 -7.85	73.70 -0.57 -3.53	86.24 -0.37 0.00	85.55 -0.54 0.00
NEG CENTRAL___INDECK 23768	59.03 -2.15 0.00	76.00 -3.21 -0.99	65.34 -2.99 -4.28	71.31 -2.76 -18.22	88.90 -2.26 -34.65	75.64 -0.89 -31.42	65.97 -1.29 -21.58	56.32 -1.88 0.00	56.60 -1.63 0.00	42.15 -1.05 0.00	55.77 -2.12 0.00	68.39 -3.36 -0.53	69.56 -3.72 -12.07	80.73 -4.26 -16.27	77.88 -4.39 -12.11	92.22 -4.46 -17.47	94.90 -4.40 0.00	107.44 -4.81 -0.96	105.41 -4.11 -0.62	109.79 -3.03 -24.05	158.59 0.90 -75.20	94.67 -0.54 -24.47	86.30 -0.30 0.00	85.36 -0.73 0.00
NEG CENTRAL___SENECA 23627	59.43 -1.74 0.00	75.92 -2.46 -0.16	62.23 -2.53 -0.70	56.55 -2.28 -2.99	60.23 -1.96 -5.68	49.57 -0.69 -5.15	48.89 -0.32 -3.53	58.14 -0.07 0.00	58.38 0.15 0.00	43.27 0.07 0.00	57.37 -0.53 0.00	70.41 -0.89 -0.09	62.27 -0.92 -1.98	70.20 -1.19 -2.67	70.93 -1.21 -1.98	81.53 -0.80 -3.11	98.45 -0.84 0.00	110.90 -1.19 -0.80	108.65 -0.77 -0.52	93.70 -0.93 -5.86	94.20 -0.87 -12.58	74.72 -1.10 -5.07	85.72 -0.89 0.00	85.04 -1.05 0.00
NEG CENTRAL___STATE_STREET 24147	60.85 -0.33 0.00	77.76 -0.47 0.00	63.39 -0.67 0.00	55.22 -0.62 0.00	56.11 -0.40 0.00	45.26 0.15 0.00	45.99 0.32 0.00	58.79 0.59 0.00	59.16 0.93 0.00	43.86 0.66 0.00	58.38 0.48 0.00	71.45 0.23 0.00	61.32 0.11 0.00	69.13 0.41 0.00	70.52 0.36 0.00	80.35 0.86 -0.27	100.75 1.46 0.00	113.61 1.74 -0.58	111.32 1.94 -0.48	92.33 1.38 -2.17	83.65 0.87 -0.30	72.35 0.41 -1.20	87.27 0.67 0.00	86.56 0.47 0.00
NEG MILLWOOD___DRP 24198	65.38 4.20 0.00	83.38 5.15 0.00	68.44 4.38 0.00	59.57 3.72 0.00	60.31 3.80 0.00	48.27 3.16 0.00	49.42 3.74 0.00	63.71 5.50 0.00	63.70 5.47 0.00	47.01 3.81 0.00	64.58 5.75 -0.93	78.21 6.99 0.00	67.24 6.03 0.00	75.82 6.79 -0.31	77.25 7.10 0.00	89.20 8.18 -1.81	110.03 10.73 0.00	134.21 12.36 -10.56	123.91 11.81 -3.21	113.10 9.78 -14.55	93.61 9.12 -2.00	86.59 7.61 -8.25	95.59 8.98 0.00	94.43 8.34 0.00
NEG NORTH_FLCN_SEA 23793	9.89 -1.22 50.07	76.82 -1.41 0.00	63.24 -0.82 0.00	55.23 -0.61 0.00	55.65 -0.86 0.00	44.35 -0.76 0.00	44.57 -1.11 0.00	56.16 -2.04 0.00	56.18 -2.05 0.00	41.64 -1.56 0.00	55.99 -1.90 0.00	68.82 -2.41 0.00	59.16 -2.05 0.00	66.72 -2.00 0.00	68.50 -1.66 0.00	77.06 -2.16 0.00	96.53 -2.76 0.00	106.44 -4.84 0.00	103.99 -4.90 0.00	85.60 -3.17 0.00	78.93 -3.55 0.00	68.52 -2.22 0.00	83.88 -2.73 0.00	84.63 -1.45 0.00
NEG NORTH_KES_CHATEGAY 23792	64.90 -1.12 -4.84	76.89 -1.34 0.00	63.20 -0.86 0.00	55.18 -0.66 0.00	55.56 -0.95 0.00	44.21 -0.90 0.00	44.40 -1.28 0.00	56.24 -1.97 0.00	56.30 -1.93 0.00	41.82 -1.37 0.00	55.84 -2.06 0.00	68.60 -2.62 0.00	58.95 -2.26 0.00	66.46 -2.26 0.00	67.96 -2.20 0.00	76.42 -2.80 0.00	95.83 -3.47 0.00	106.47 -4.81 0.00	104.06 -4.84 0.00	85.15 -3.63 0.00	78.93 -3.56 0.00	68.29 -2.45 0.00	83.48 -3.13 0.00	83.81 -2.28 0.00
NEG NORTH___ALICE_FALLS 23915	95.06 -0.74 -34.61	77.42 -0.81 0.00	63.64 -0.42 0.00	55.65 -0.19 0.00	56.04 -0.47 0.00	44.69 -0.42 0.00	44.96 -0.72 0.00	56.79 -1.41 0.00	56.86 -1.37 0.00	42.15 -1.05 0.00	56.47 -1.43 0.00	69.29 -1.92 0.00	59.55 -1.66 0.00	67.25 -1.47 0.00	69.01 -1.14 0.00	77.70 -1.51 0.00	97.41 -1.88 0.00	107.77 -3.52 0.00	105.38 -3.52 0.00	86.53 -2.25 0.00	79.92 -2.57 0.00	69.22 -1.52 0.00	84.65 -1.95 0.00	85.18 -0.91 0.00
NEG NORTH___LWR_SARANAC 23913	95.06 -0.74 -34.61	77.42 -0.81 0.00	63.64 -0.42 0.00	55.65 -0.19 0.00	56.04 -0.47 0.00	44.69 -0.42 0.00	44.96 -0.72 0.00	56.79 -1.41 0.00	56.86 -1.37 0.00	42.15 -1.05 0.00	56.47 -1.43 0.00	69.29 -1.92 0.00	59.55 -1.66 0.00	67.25 -1.47 0.00	69.01 -1.14 0.00	77.70 -1.51 0.00	97.41 -1.88 0.00	107.77 -3.52 0.00	105.38 -3.52 0.00	86.53 -2.25 0.00	79.92 -2.57 0.00	69.22 -1.52 0.00	84.65 -1.95 0.00	85.18 -0.91 0.00
NEG NORTH___PLATTSBURG 23628	95.06 -0.74 -34.61	77.42 -0.81 0.00	63.64 -0.42 0.00	55.64 -0.20 0.00	56.04 -0.47 0.00	44.69 -0.42 0.00	44.96 -0.72 0.00	56.79 -1.41 0.00	56.86 -1.37 0.00	42.15 -1.05 0.00	56.47 -1.43 0.00	69.30 -1.92 0.00	59.56 -1.65 0.00	67.25 -1.47 0.00	69.01 -1.15 0.00	77.70 -1.52 0.00	97.41 -1.88 0.00	107.77 -3.52 0.00	105.38 -3.52 0.00	86.53 -2.25 0.00	79.91 -2.57 0.00	69.21 -1.53 0.00	84.66 -1.95 0.00	85.17 -0.91 0.00
NEG WEST_LEA_LOCKPORT 23791	54.07 -7.11 0.00	68.58 -9.43 0.22	54.94 -8.19 0.93	44.36 -7.47 4.02	42.03 -6.74 7.74	33.61 -4.59 6.91	36.22 -4.73 4.73	52.11 -6.09 0.00	52.11 -6.12 0.00	38.99 -4.21 0.00	51.81 -6.09 0.00	63.45 -7.65 0.12	51.95 -6.53 2.73	57.53 -7.51 3.68	59.50 -7.91 2.74	64.87 -8.69 5.65	88.44 -10.85 0.00	99.49 -12.59 -0.80	98.13 -11.29 -0.52	76.81 -9.55 2.42	57.70 -8.18 16.61	59.67 -7.20 3.87	79.50 -7.11 0.00	78.96 -7.13 0.00
NEG WEST___LANCASTER 23811	57.12 -4.06 0.00	72.60 -5.40 0.22	58.10 -5.00 0.96	47.17 -4.57 4.11	44.80 -3.85 7.86	35.89 -2.14 7.07	38.62 -2.21 4.85	55.16 -3.04 0.00	54.80 -3.43 0.00	40.05 -3.14 0.00	53.45 -4.44 0.00	65.70 -5.40 0.12	53.81 -4.63 2.77	59.76 -5.23 3.74	61.83 -5.55 2.78	67.35 -6.02 5.84	91.33 -7.96 0.00	102.69 -9.53 -0.94	100.77 -8.75 -0.62	79.36 -7.37 2.05	59.42 -6.28 16.79	61.17 -5.84 3.73	80.85 -5.76 0.00	80.28 -5.81 0.00
NEG_PENN_ALLEGHNY 23528	60.88 -0.29 0.00	77.77 -0.50 -0.04	63.43 -0.79 -0.16	55.87 -0.68 -0.70	57.38 -0.46 -1.33	46.40 0.08 -1.21	46.85 0.34 -0.83	58.94 0.73 0.00	59.07 0.84 0.00	43.64 0.45 0.00	58.47 0.57 0.00	71.97 0.73 -0.02	62.22 0.54 -0.47	69.95 0.59 -0.63	71.27 0.64 -0.47	81.11 1.06 -0.84	100.57 1.27 0.00	114.41 1.25 -1.87	111.49 1.35 -1.24	96.21 0.98 -6.46	87.07 0.92 -3.67	74.87 0.42 -3.71	87.29 0.68 0.00	86.59 0.50 0.00
NEG___GEN_MONROE 24207	57.72 -3.46 0.00	73.50 -4.72 0.00	59.93 -4.12 0.00	52.02 -3.83 -0.01	53.14 -3.37 0.00	43.10 -2.03 -0.02	43.78 -1.91 -0.01	55.90 -2.31 0.00	55.96 -2.27 0.00	41.75 -1.45 0.00	55.61 -2.29 0.00	68.26 -2.96 0.00	58.46 -2.75 0.00	65.49 -3.23 0.00	66.79 -3.37 0.00	76.09 -3.46 -0.34	95.42 -3.87 0.00	107.46 -4.34 -0.52	105.75 -3.58 -0.43	87.45 -3.27 -1.94	79.96 -2.79 -0.27	69.28 -2.56 -1.10	84.54 -2.07 0.00	83.82 -2.27 0.00

NEPA___ENERGY 23901	55.50 -5.68 0.00	70.54 -7.39 0.30	56.09 -6.67 1.31	44.09 -6.16 5.59	40.45 -5.39 10.66	32.16 -3.31 9.63	35.71 -3.36 6.61	53.89 -4.32 0.00	53.74 -4.49 0.00	39.91 -3.28 0.00	53.25 -4.65 0.00	65.28 -5.77 0.17	52.43 -5.02 3.76	58.02 -5.63 5.07	60.64 -5.75 3.77	65.63 -6.15 7.43	91.54 -7.75 0.00	103.15 -9.02 -0.89	101.37 -8.11 -0.59	77.26 -7.57 3.95	53.00 -6.54 22.95	59.08 -5.97 5.69	80.78 -5.83 0.00	79.83 -6.26 0.00
NEVERSINK___HYD 23608	64.27 3.09 0.00	82.00 3.78 0.00	67.28 3.22 0.00	58.56 2.71 0.00	59.30 2.79 0.00	47.51 2.40 0.00	48.68 3.00 0.00	62.73 4.53 0.00	62.68 4.45 0.00	46.15 2.96 0.00	61.16 4.31 1.05	76.26 5.04 0.00	65.58 4.37 0.00	73.35 4.98 0.35	75.68 5.52 0.00	87.24 6.41 -1.61	108.20 8.90 0.00	130.44 10.50 -8.66	122.12 10.14 -3.08	111.07 8.34 -13.95	92.08 7.67 -1.92	84.50 6.33 -7.43	93.92 7.31 0.00	92.73 6.64 0.00
NEWKRMKL_115KV_TB1 55635	63.24 2.06 0.00	80.87 2.65 0.00	66.35 2.29 0.00	57.82 1.98 0.00	58.54 2.04 0.00	46.53 1.42 0.00	47.25 1.57 0.00	60.50 2.29 0.00	60.50 2.27 0.00	44.74 1.54 0.00	60.06 2.17 0.00	73.94 2.72 0.00	63.56 2.35 0.00	71.41 2.69 0.00	73.15 2.99 0.00	85.04 3.37 -2.45	103.10 3.81 0.00	126.20 3.87 -11.05	122.44 4.13 -9.42	134.83 3.34 -42.71	91.77 3.41 -5.88	84.44 2.92 -10.78	90.11 3.50 0.00	89.79 3.70 0.00
NEWTON___FALLS_HYD 23847	60.17 -1.01 0.00	77.33 -0.90 0.00	63.24 -0.81 0.00	55.01 -0.84 0.00	55.50 -1.01 0.00	43.93 -1.18 0.00	44.07 -1.61 0.00	56.35 -1.85 0.00	56.47 -1.76 0.00	42.02 -1.17 0.00	56.30 -1.59 0.00	68.95 -2.27 0.00	59.06 -2.15 0.00	66.02 -2.70 0.00	67.47 -2.69 0.00	76.23 -3.03 -0.05	96.05 -3.25 0.00	106.81 -4.47 0.00	105.00 -3.90 0.00	85.64 -3.14 0.00	79.39 -3.09 0.00	68.90 -2.07 -0.22	84.47 -2.14 0.00	84.89 -1.20 0.00
NGRID_A1_DSASP 323792	53.61 -7.57 0.00	68.11 -9.89 0.22	54.56 -8.54 0.96	43.92 -7.82 4.09	41.50 -7.22 7.79	33.01 -5.04 7.06	35.50 -5.33 4.85	51.28 -6.93 0.00	51.29 -6.94 0.00	38.50 -4.70 0.00	51.20 -6.69 0.00	62.72 -8.37 0.12	51.07 -7.38 2.76	56.61 -8.39 3.72	58.51 -8.88 2.77	63.21 -9.75 6.25	87.24 -12.05 0.00	98.07 -14.03 -0.81	96.68 -12.75 -0.54	75.48 -10.87 2.43	56.06 -9.64 16.78	58.68 -8.16 3.90	78.66 -7.95 0.00	78.24 -7.85 0.00
NGRID_A2_DSASP 323793	53.61 -7.57 0.00	68.11 -9.89 0.22	54.56 -8.54 0.96	43.92 -7.82 4.09	41.50 -7.22 7.79	33.01 -5.04 7.06	35.50 -5.33 4.85	51.28 -6.93 0.00	51.29 -6.94 0.00	38.50 -4.70 0.00	51.20 -6.69 0.00	62.72 -8.37 0.12	51.07 -7.38 2.76	56.61 -8.39 3.72	58.51 -8.88 2.77	63.21 -9.75 6.25	87.24 -12.05 0.00	98.07 -14.03 -0.81	96.68 -12.75 -0.54	75.48 -10.87 2.43	56.06 -9.64 16.78	58.68 -8.16 3.90	78.66 -7.95 0.00	78.24 -7.85 0.00
NGRID_A4_DSASP 323807	53.61 -7.57 0.00	68.11 -9.89 0.22	54.56 -8.54 0.96	43.92 -7.82 4.09	41.50 -7.22 7.79	33.01 -5.04 7.06	35.50 -5.33 4.85	51.28 -6.93 0.00	51.29 -6.94 0.00	38.50 -4.70 0.00	51.20 -6.69 0.00	62.72 -8.37 0.12	51.07 -7.38 2.76	56.61 -8.39 3.72	58.51 -8.88 2.77	63.21 -9.75 6.25	87.24 -12.05 0.00	98.07 -14.03 -0.81	96.68 -12.75 -0.54	75.48 -10.87 2.43	56.06 -9.64 16.78	58.68 -8.16 3.90	78.66 -7.95 0.00	78.24 -7.85 0.00
NIAGARA_115E_LBMP 323715	53.34 -7.84 0.00	67.67 -10.33 0.22	54.19 -8.95 0.91	43.79 -8.06 4.00	41.57 -7.13 7.81	33.33 -4.95 6.82	35.82 -5.22 4.64	51.21 -6.99 0.00	51.21 -7.02 0.00	38.37 -4.83 0.00	50.98 -6.92 0.00	62.47 -8.63 0.12	51.19 -7.26 2.76	56.79 -8.22 3.72	58.71 -8.67 2.77	63.53 -9.70 5.98	86.96 -12.33 0.00	97.77 -14.33 -0.81	96.39 -13.04 -0.54	75.51 -10.85 2.42	56.76 -8.95 16.78	58.80 -8.04 3.90	78.39 -8.22 0.00	78.01 -8.08 0.00
NIAGARA_115W_LBMP 323714	53.53 -7.65 0.00	68.04 -9.97 0.22	54.50 -8.60 0.95	43.89 -7.88 4.07	41.49 -7.27 7.74	33.00 -5.09 7.02	35.47 -5.39 4.82	51.18 -7.03 0.00	51.18 -7.05 0.00	38.43 -4.77 0.00	51.09 -6.81 0.00	62.60 -8.50 0.12	50.98 -7.49 2.74	56.50 -8.52 3.70	58.41 -8.99 2.75	63.07 -9.89 6.26	87.08 -12.21 0.00	97.86 -14.23 -0.81	96.47 -12.96 -0.53	75.34 -11.03 2.40	56.02 -9.80 16.67	58.57 -8.30 3.87	78.53 -8.08 0.00	78.12 -7.97 0.00
NIAGARA_230_LBMP 323716	53.98 -7.20 0.00	68.51 -9.51 0.21	54.93 -8.22 0.91	44.45 -7.52 3.88	42.25 -6.92 7.34	33.59 -4.82 6.70	36.10 -4.97 4.61	51.82 -6.38 0.00	51.81 -6.42 0.00	38.81 -4.38 0.00	51.67 -6.23 0.00	63.37 -7.73 0.11	51.84 -6.78 2.59	57.50 -7.73 3.49	59.39 -8.17 2.60	63.97 -8.99 6.25	88.16 -11.13 0.00	99.07 -13.01 -0.80	97.64 -11.78 -0.53	76.59 -10.02 2.17	57.95 -8.78 15.75	59.58 -7.56 3.61	79.23 -7.38 0.00	78.80 -7.29 0.00
NIAGARA___115KV_198_GIBSON 55903	53.53 -7.65 0.00	68.02 -9.99 0.22	54.50 -8.60 0.95	43.84 -7.94 4.07	41.42 -7.35 7.74	32.95 -5.14 7.02	35.46 -5.40 4.82	51.14 -7.06 0.00	51.18 -7.05 0.00	38.42 -4.78 0.00	51.11 -6.79 0.00	62.58 -8.51 0.12	50.96 -7.50 2.74	56.46 -8.56 3.70	58.35 -9.06 2.75	63.00 -9.96 6.26	87.02 -12.28 0.00	97.84 -14.25 -0.81	96.49 -12.94 -0.53	75.36 -11.02 2.40	55.91 -9.91 16.67	58.54 -8.33 3.87	78.57 -8.04 0.00	78.11 -7.98 0.00
NIAGARA___ 23760	53.98 -7.20 0.00	68.51 -9.51 0.21	54.92 -8.22 0.92	44.42 -7.52 3.91	42.16 -6.92 7.43	33.55 -4.82 6.74	36.07 -4.97 4.63	51.82 -6.38 0.00	51.81 -6.42 0.00	38.81 -4.38 0.00	51.67 -6.23 0.00	63.37 -7.73 0.12	51.79 -6.78 2.64	57.43 -7.73 3.56	59.34 -8.17 2.65	64.08 -8.99 6.14	88.16 -11.13 0.00	99.08 -13.01 -0.81	97.65 -11.78 -0.53	76.52 -10.02 2.24	57.66 -8.78 16.04	59.50 -7.56 3.69	79.23 -7.38 0.00	78.80 -7.29 0.00
NINE_MILE_1 23575	58.52 -2.65 0.00	74.77 -3.46 0.00	61.17 -2.89 0.00	53.29 -2.56 0.00	54.01 -2.50 0.00	43.28 -1.83 0.00	43.97 -1.71 0.00	56.06 -2.15 0.00	56.10 -2.13 0.00	41.66 -1.54 0.00	55.76 -2.14 0.00	68.52 -2.70 0.00	58.85 -2.36 0.00	66.06 -2.66 0.00	67.47 -2.69 0.00	76.49 -2.89 -0.17	95.82 -3.48 0.00	107.39 -3.90 0.00	105.19 -3.70 0.00	85.68 -3.10 0.00	79.59 -2.90 0.00	68.66 -2.56 -0.48	83.57 -3.03 0.00	82.99 -3.10 0.00
NINE_MILE_2 23744	58.52 -2.65 0.00	74.77 -3.46 0.00	61.18 -2.88 0.00	53.29 -2.56 0.00	54.02 -2.49 0.00	43.28 -1.83 0.00	43.97 -1.71 0.00	56.06 -2.15 0.00	56.10 -2.13 0.00	41.66 -1.54 0.00	55.76 -2.14 0.00	68.52 -2.70 0.00	58.85 -2.36 0.00	66.06 -2.66 0.00	67.47 -2.69 0.00	76.48 -2.90 -0.17	95.82 -3.48 0.00	107.39 -3.90 0.00	105.19 -3.70 0.00	85.68 -3.10 0.00	79.59 -2.90 0.00	68.66 -2.56 -0.48	83.57 -3.04 0.00	82.99 -3.10 0.00
NM_CAPITAL___DRP 24208	63.31 2.13 0.00	80.97 2.75 0.00	66.42 2.36 0.00	57.88 2.04 0.00	58.60 2.09 0.00	46.59 1.48 0.00	47.29 1.61 0.00	60.56 2.35 0.00	60.57 2.34 0.00	44.80 1.60 0.00	60.12 2.23 0.00	74.00 2.77 0.00	63.59 2.38 0.00	71.46 2.74 0.00	73.21 3.05 0.00	85.19 3.53 -2.45	103.35 4.06 0.00	126.28 4.20 -10.79	122.42 4.35 -9.18	133.97 3.57 -41.63	91.71 3.49 -5.73	84.50 3.00 -10.76	90.22 3.61 0.00	89.86 3.77 0.00

NM_CENTRAL___DRP 24181	59.79 -1.39 0.00	76.37 -1.85 0.00	62.41 -1.64 0.00	54.35 -1.49 0.00	55.16 -1.35 0.00	44.32 -0.79 0.00	45.12 -0.55 0.00	57.66 -0.55 0.00	57.74 -0.49 0.00	42.84 -0.36 0.00	57.30 -0.60 0.00	70.40 -0.82 0.00	60.41 -0.80 0.00	67.83 -0.89 0.00	69.31 -0.85 0.00	78.69 -0.71 -0.19	98.63 -0.67 0.00	110.56 -0.73 0.00	108.31 -0.59 0.00	88.15 -0.63 0.00	81.84 -0.64 0.00	70.83 -0.73 -0.82	85.83 -0.78 0.00	85.14 -0.95 0.00
NM_FRONTIER___DRP 24179	53.53 -7.65 0.00	68.02 -9.99 0.22	54.50 -8.60 0.95	43.84 -7.94 4.07	41.42 -7.35 7.74	32.95 -5.14 7.02	35.46 -5.40 4.82	51.14 -7.06 0.00	51.18 -7.05 0.00	38.42 -4.78 0.00	51.11 -6.79 0.00	62.58 -8.51 0.12	50.96 -7.50 2.74	56.46 -8.56 3.70	58.35 -9.06 2.75	63.00 -9.96 6.26	87.02 -12.28 0.00	97.84 -14.25 -0.81	96.49 -12.94 -0.53	75.36 -11.02 2.40	55.91 -9.91 16.67	58.54 -8.33 3.87	78.57 -8.04 0.00	78.11 -7.98 0.00
NM_ST_REGIS___HYD 24053	62.28 -0.13 -1.23	78.25 0.03 0.00	64.00 -0.05 0.00	55.86 0.01 0.00	56.21 -0.30 0.00	44.47 -0.64 0.00	44.34 -1.34 0.00	56.19 -2.01 0.00	56.23 -2.00 0.00	41.82 -1.38 0.00	55.73 -2.17 0.00	68.43 -2.79 0.00	58.84 -2.38 0.00	65.99 -2.73 0.00	67.44 -2.72 0.00	75.86 -3.36 0.00	95.19 -4.10 0.00	105.27 -6.02 0.00	103.32 -5.57 0.00	84.28 -4.50 0.00	78.33 -4.16 0.00	68.28 -2.46 0.00	83.94 -2.67 0.00	84.61 -1.47 0.00
NORTHPORT___1 23551	65.96 4.78 -0.01	84.22 5.98 -0.01	68.87 4.81 0.00	59.92 4.08 0.00	64.74 4.41 -3.83	48.74 3.63 -0.01	49.94 4.23 -0.04	64.31 6.10 -0.01	63.98 5.75 0.00	46.81 3.61 0.00	67.69 6.23 -3.57	78.11 7.77 0.88	69.16 6.79 -1.16	75.46 7.35 0.61	76.24 7.54 1.46	89.23 8.23 -1.79	110.19 10.89 0.00	134.45 12.64 -10.52	124.28 12.25 -3.14	113.84 10.80 -14.26	95.23 9.88 -2.86	97.77 8.42 -18.60	131.02 10.20 -34.21	116.94 9.73 -21.12
NORTHPORT___2 23552	65.96 4.78 -0.01	84.22 5.98 -0.01	68.87 4.81 0.00	59.92 4.08 0.00	64.74 4.41 -3.83	48.74 3.63 -0.01	49.94 4.23 -0.04	64.31 6.10 -0.01	63.98 5.75 0.00	46.81 3.61 0.00	67.69 6.23 -3.57	78.11 7.77 0.88	69.16 6.79 -1.16	75.46 7.35 0.61	76.24 7.54 1.46	89.23 8.23 -1.79	110.19 10.89 0.00	134.45 12.64 -10.52	124.28 12.25 -3.14	113.84 10.80 -14.26	95.23 9.88 -2.86	97.77 8.42 -18.60	131.02 10.20 -34.21	116.94 9.73 -21.12
NORTHPORT___3 23553	65.83 4.65 -0.01	84.01 5.77 -0.01	68.74 4.68 0.00	59.81 3.96 0.00	64.54 4.23 -3.80	48.61 3.50 -0.01	49.80 4.08 -0.04	63.99 5.78 -0.01	63.70 5.47 0.00	46.82 3.63 0.00	67.55 6.21 -3.45	78.04 7.74 0.92	69.04 6.72 -1.11	75.43 7.36 0.66	76.25 7.58 1.49	89.27 8.27 -1.79	109.99 10.70 0.00	133.95 12.14 -10.52	123.76 11.72 -3.14	113.23 10.19 -14.26	94.88 9.53 -2.86	97.38 8.11 -18.53	130.53 9.94 -33.98	116.46 9.45 -20.93
NORTHPORT___4 23650	65.83 4.65 -0.01	84.01 5.77 -0.01	68.74 4.68 0.00	59.81 3.96 0.00	64.54 4.23 -3.80	48.61 3.50 -0.01	49.80 4.08 -0.04	63.99 5.78 -0.01	63.70 5.47 0.00	46.82 3.63 0.00	67.55 6.21 -3.45	78.04 7.74 0.92	69.04 6.72 -1.11	75.43 7.36 0.66	76.25 7.58 1.49	89.27 8.27 -1.79	109.99 10.70 0.00	133.95 12.14 -10.52	123.76 11.72 -3.14	113.23 10.19 -14.26	94.88 9.53 -2.86	97.38 8.11 -18.53	130.53 9.94 -33.98	116.46 9.45 -20.93
NORTHPORT___IC 23718	65.95 4.76 -0.01	84.22 5.98 -0.01	68.87 4.81 0.00	59.93 4.08 0.00	64.76 4.43 -3.83	48.74 3.63 -0.01	49.96 4.24 -0.04	64.31 6.10 -0.01	63.97 5.74 0.00	46.82 3.62 0.00	67.69 6.23 -3.57	78.08 7.74 0.88	69.13 6.77 -1.16	75.45 7.34 0.61	76.24 7.54 1.46	89.22 8.21 -1.79	110.19 10.89 0.00	134.45 12.65 -10.52	124.28 12.25 -3.14	113.84 10.80 -14.26	95.26 9.91 -2.86	97.82 8.48 -18.60	131.14 10.33 -34.21	116.95 9.74 -21.12
NORTH___COUNTRY_ESR 323785	63.88 -1.35 -4.05	76.63 -1.59 0.00	63.01 -1.05 0.00	54.98 -0.86 0.00	55.35 -1.16 0.00	44.03 -1.08 0.00	44.20 -1.48 0.00	55.99 -2.21 0.00	56.03 -2.21 0.00	41.65 -1.55 0.00	55.63 -2.27 0.00	68.38 -2.84 0.00	58.81 -2.40 0.00	66.22 -2.51 0.00	67.75 -2.41 0.00	76.15 -3.07 0.00	95.39 -3.91 0.00	105.99 -5.29 0.00	103.51 -5.39 0.00	84.71 -4.06 0.00	78.54 -3.95 0.00	67.94 -2.80 0.00	83.14 -3.47 0.00	83.47 -2.62 0.00
NPX_GEN_1385_PROXY 323591	66.57 5.38 -0.01	85.63 7.39 -0.01	69.94 5.88 0.00	60.76 4.92 0.00	66.21 5.88 -3.83	49.59 4.48 -0.01	50.62 4.90 -0.04	121.02 7.77 -55.04	84.98 7.33 -19.42	46.82 3.63 0.00	67.67 6.21 -3.57	78.14 7.80 0.88	69.45 7.08 -1.16	75.59 7.48 0.61	76.07 7.37 1.46	88.98 7.98 -1.79	109.71 10.41 0.00	135.69 13.89 -10.52	125.86 13.82 -3.14	127.78 13.26 -25.75	96.63 11.29 -2.86	99.36 10.01 -18.60	132.62 11.80 -34.21	117.48 10.27 -21.12
NPX_GEN_CSC 323557	67.00 5.82 -0.01	85.35 7.11 -0.01	69.66 5.61 0.00	60.63 4.78 0.00	65.39 5.09 -3.79	49.35 4.24 -0.01	50.57 4.86 -0.04	65.11 6.90 -0.01	64.64 6.41 0.00	47.15 3.96 0.00	68.70 6.58 -4.23	78.66 8.12 0.68	69.66 7.03 -1.42	75.89 7.56 0.39	76.81 7.94 1.29	89.99 8.98 -1.79	111.85 12.56 0.00	136.66 14.85 -10.52	126.40 14.36 -3.14	115.52 12.48 -14.26	96.81 11.47 -2.85	98.89 9.55 -18.59	132.07 11.36 -34.10	118.56 11.03 -21.44
NSINS_S__GLNS_FALLS 23858	64.84 3.66 0.00	82.86 4.63 0.00	67.89 3.83 0.00	59.17 3.32 0.00	59.98 3.48 0.00	48.14 3.03 0.00	49.25 3.57 0.00	63.16 4.95 0.00	63.00 4.77 0.00	46.31 3.12 0.00	62.06 4.16 0.00	76.39 5.17 0.00	65.58 4.36 0.00	73.71 4.99 0.00	75.79 5.63 0.00	88.76 7.03 -2.52	108.38 9.08 0.00	138.70 10.19 -17.22	133.31 10.00 -14.41	162.44 8.30 -65.36	98.93 7.45 -9.00	87.97 6.14 -11.08	93.66 7.05 0.00	92.59 6.50 0.00
NUCOR_STEEL___DRP 24197	60.87 -0.31 0.00	77.80 -0.43 0.00	63.45 -0.61 0.00	55.27 -0.57 0.00	56.17 -0.34 0.00	45.27 0.16 0.00	45.97 0.29 0.00	58.74 0.53 0.00	59.10 0.87 0.00	43.79 0.59 0.00	58.38 0.48 0.00	71.42 0.20 0.00	61.29 0.08 0.00	69.11 0.39 0.00	70.56 0.40 0.00	80.34 0.87 -0.26	100.77 1.47 0.00	113.58 1.74 -0.55	111.30 1.94 -0.46	92.24 1.38 -2.08	83.59 0.82 -0.29	72.31 0.41 -1.15	87.27 0.66 0.00	86.56 0.47 0.00
NUMBER_THREE_WT_PWR 323818	59.79 -1.39 0.00	77.11 -1.12 0.00	63.10 -0.96 0.00	54.79 -1.05 0.00	55.40 -1.11 0.00	44.03 -1.08 0.00	44.55 -1.13 0.00	57.25 -0.96 0.00	57.53 -0.70 0.00	42.85 -0.34 0.00	57.87 -0.03 0.00	70.80 -0.42 0.00	60.39 -0.81 0.00	67.31 -1.41 0.00	68.85 -1.30 0.00	78.06 -1.22 -0.07	98.49 -0.80 0.00	110.16 -1.12 0.00	108.32 -0.57 0.00	88.48 -0.29 0.00	81.80 -0.68 0.00	70.45 -0.60 -0.31	85.93 -0.68 0.00	85.97 -0.12 0.00
NYISO_LBMP_REFERENCE 24008	61.18 0.00 0.00	78.23 0.00 0.00	64.06 0.00 0.00	55.84 0.00 0.00	56.51 0.00 0.00	45.11 0.00 0.00	45.68 0.00 0.00	58.21 0.00 0.00	58.23 0.00 0.00	43.19 0.00 0.00	57.90 0.00 0.00	71.22 0.00 0.00	61.21 0.00 0.00	68.72 0.00 0.00	70.16 0.00 0.00	79.21 0.00 0.00	99.29 0.00 0.00	111.28 0.00 0.00	108.90 0.00 0.00	88.77 0.00 0.00	82.49 0.00 0.00	70.74 0.00 0.00	86.61 0.00 0.00	86.09 0.00 0.00

NYPA_BRENTWD____GT 24164	66.66 5.47 -0.01	85.01 6.77 -0.01	69.50 5.44 0.00	60.46 4.62 0.00	65.19 4.93 -3.75	49.22 4.11 -0.01	50.51 4.79 -0.04	65.02 6.81 -0.01	64.65 6.42 0.00	47.33 4.14 0.00	69.75 6.84 -5.02	79.26 8.48 0.45	70.32 7.37 -1.74	76.64 8.04 0.12	77.40 8.32 1.08	90.19 9.19 -1.79	111.65 12.35 0.00	136.16 14.36 -10.52	125.95 13.92 -3.14	115.10 12.06 -14.26	96.43 11.10 -2.85	98.67 9.34 -18.59	131.85 11.26 -33.98	118.78 10.86 -21.83
NYPA_GOWANUS____GT5 24156	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.43 -23.05	101.04 8.42 -13.41	146.74 10.87 -36.58	314.69 12.39 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.42 9.24 -264.69	180.72 7.75 -102.23	128.52 9.12 -32.79	103.31 8.38 -8.84
NYPA_GOWANUS____GT6 24157	109.21 4.17 -43.86	106.94 5.07 -23.64	74.57 4.21 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.79 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.47 5.99 -17.59	100.40 7.41 -21.76	100.17 6.37 -32.59	100.36 7.15 -24.49	100.63 7.43 -23.05	101.04 8.42 -13.41	146.74 10.87 -36.58	314.69 12.39 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.42 9.24 -264.69	180.72 7.75 -102.23	128.52 9.12 -32.79	103.31 8.38 -8.84
NYPA_HARLEM__RVR__GT1 24160	64.79 3.61 -0.01	82.65 4.42 -0.01	67.81 3.75 0.00	59.04 3.19 -0.01	59.72 3.21 -0.01	47.72 2.61 0.00	48.98 3.30 0.00	63.21 5.01 0.00	63.29 5.06 0.00	46.73 3.53 0.00	66.46 5.39 -3.17	77.86 6.63 -0.01	67.01 5.79 -0.01	76.24 6.46 -1.06	76.91 6.74 -0.01	88.59 7.59 -1.79	109.18 9.88 -0.01	132.95 11.14 -10.53	122.60 10.56 -3.14	111.85 8.85 -14.23	92.89 8.44 -1.96	85.93 7.01 -8.17	94.91 8.30 0.00	93.72 7.63 0.00
NYPA_HARLEM__RVR__GT2 24161	64.79 3.61 -0.01	82.65 4.42 -0.01	67.81 3.75 0.00	59.04 3.19 -0.01	59.72 3.21 -0.01	47.72 2.61 0.00	48.98 3.30 0.00	63.21 5.01 0.00	63.29 5.06 0.00	46.73 3.53 0.00	66.46 5.39 -3.17	77.86 6.63 -0.01	67.01 5.79 -0.01	76.24 6.46 -1.06	76.91 6.74 -0.01	88.59 7.59 -1.79	109.18 9.88 -0.01	132.95 11.14 -10.53	122.60 10.56 -3.14	111.85 8.85 -14.23	92.89 8.44 -1.96	85.93 7.01 -8.17	94.91 8.30 0.00	93.72 7.63 0.00
NYPA_KENT____GT 24152	91.66 4.01 -26.47	97.34 4.85 -14.27	71.92 4.07 -3.80	69.80 3.49 -10.46	69.22 3.53 -9.18	63.23 2.89 -15.23	64.55 3.51 -15.36	74.09 5.29 -10.59	73.40 5.30 -9.87	63.37 3.76 -16.41	75.90 5.88 -12.12	92.09 7.27 -13.59	87.87 6.27 -20.39	91.26 7.00 -15.54	91.49 7.29 -14.04	96.28 8.21 -8.85	131.94 10.57 -22.07	242.97 12.08 -119.61	267.29 11.48 -146.92	278.54 9.52 -180.24	251.94 8.97 -160.49	143.17 7.50 -64.93	115.32 8.92 -19.78	99.64 8.22 -5.34
NYPA_POUCH1____GT 24155	109.16 4.12 -43.86	106.91 5.04 -23.64	74.49 4.14 -6.30	76.81 3.64 -17.32	75.36 3.63 -15.22	73.32 2.97 -25.25	74.77 3.63 -25.46	81.18 5.42 -17.55	79.97 5.38 -16.36	74.17 3.78 -27.19	77.71 5.78 -14.03	100.14 7.15 -21.76	99.91 6.10 -32.59	100.11 6.90 -24.49	100.36 7.15 -23.05	100.76 8.14 -13.41	146.40 10.53 -36.58	314.40 12.10 -191.02	361.81 11.49 -241.42	387.66 9.52 -289.37	356.20 9.02 -264.69	180.56 7.58 -102.23	128.28 8.89 -32.79	103.07 8.14 -8.84
NYPA_VERNON____GT2 24162	74.08 3.83 -9.08	87.77 4.65 -4.90	69.29 3.93 -1.30	62.78 3.34 -3.59	63.05 3.39 -3.15	53.11 2.78 -5.22	54.33 3.39 -5.27	66.99 5.16 -3.63	66.79 5.18 -3.39	52.49 3.67 -5.63	70.35 5.79 -6.66	83.76 7.11 -5.42	75.56 6.16 -8.19	82.19 6.88 -6.59	82.36 7.16 -5.04	91.59 8.08 -4.29	117.23 10.37 -7.57	171.35 11.87 -48.20	172.58 11.27 -52.41	169.26 9.37 -71.12	147.54 8.77 -56.28	105.69 7.32 -27.62	102.12 8.72 -6.78	95.97 8.05 -1.83
NYPA_VERNON____GT3 24163	74.08 3.83 -9.08	87.77 4.65 -4.90	69.29 3.93 -1.30	62.78 3.34 -3.59	63.05 3.39 -3.15	53.11 2.78 -5.22	54.33 3.39 -5.27	66.99 5.16 -3.63	66.79 5.18 -3.39	52.49 3.67 -5.63	70.35 5.79 -6.66	83.76 7.11 -5.42	75.56 6.16 -8.19	82.19 6.88 -6.59	82.36 7.16 -5.04	91.59 8.08 -4.29	117.23 10.37 -7.57	171.35 11.87 -48.20	172.58 11.27 -52.41	169.26 9.37 -71.12	147.54 8.77 -56.28	105.69 7.32 -27.62	102.12 8.72 -6.78	95.97 8.05 -1.83
NYPA__ASTORIA_CC1 323568	64.94 3.75 -0.01	82.77 4.53 -0.01	67.90 3.84 0.00	59.12 3.27 -0.01	59.83 3.32 -0.01	47.82 2.71 0.00	48.98 3.30 0.00	63.26 5.05 0.00	63.31 5.08 0.00	46.79 3.59 0.00	67.27 5.70 -3.68	79.16 7.00 -0.93	68.74 6.07 -1.47	77.24 6.76 -1.75	77.47 7.03 -0.28	89.05 7.94 -1.89	109.50 10.20 -0.01	133.84 11.67 -10.89	123.14 11.10 -3.14	112.21 9.21 -14.23	93.07 8.63 -1.96	86.12 7.21 -8.17	95.24 8.63 0.00	94.03 7.94 0.00
NYPA__ASTORIA_CC2 323569	64.94 3.75 -0.01	82.77 4.53 -0.01	67.90 3.84 0.00	59.12 3.27 -0.01	59.83 3.32 -0.01	47.82 2.71 0.00	48.98 3.30 0.00	63.26 5.05 0.00	63.31 5.08 0.00	46.79 3.59 0.00	67.27 5.70 -3.68	79.16 7.00 -0.93	68.74 6.07 -1.47	77.24 6.76 -1.75	77.47 7.03 -0.28	89.05 7.94 -1.89	109.50 10.20 -0.01	133.84 11.67 -10.89	123.14 11.10 -3.14	112.21 9.21 -14.23	93.07 8.63 -1.96	86.12 7.21 -8.17	95.24 8.63 0.00	94.03 7.94 0.00
NYPA__HOLTSVILL 23794	66.40 5.21 -0.01	84.66 6.42 -0.01	69.20 5.14 0.00	60.19 4.34 0.00	64.93 4.63 -3.80	48.92 3.81 -0.01	50.14 4.42 -0.04	64.53 6.32 -0.01	64.12 5.89 0.00	46.92 3.73 0.00	68.38 6.33 -4.16	78.38 7.87 0.70	69.45 6.84 -1.39	75.70 7.39 0.41	76.52 7.67 1.31	89.48 8.48 -1.79	110.78 11.48 0.00	135.24 13.43 -10.52	125.01 12.98 -3.14	114.40 11.36 -14.26	95.82 10.48 -2.86	98.14 8.80 -18.59	131.28 10.56 -34.11	117.81 10.31 -21.41
NYPA__HELLGATE_GT1 24158	64.79 3.61 -0.01	82.65 4.42 -0.01	67.81 3.75 0.00	59.04 3.19 -0.01	59.72 3.21 -0.01	47.72 2.61 0.00	48.98 3.30 0.00	63.21 5.01 0.00	63.29 5.06 0.00	46.73 3.53 0.00	66.46 5.39 -3.17	77.86 6.63 -0.01	67.01 5.79 -0.01	76.24 6.46 -1.06	76.91 6.74 -0.01	88.59 7.59 -1.79	109.18 9.88 -0.01	132.95 11.14 -10.53	122.60 10.56 -3.14	111.85 8.85 -14.23	92.88 8.44 -1.96	85.93 7.01 -8.17	94.91 8.30 0.00	93.72 7.63 0.00
NYPA__HELLGATE_GT2 24159	64.79 3.61 -0.01	82.65 4.42 -0.01	67.81 3.75 0.00	59.04 3.19 -0.01	59.72 3.21 -0.01	47.72 2.61 0.00	48.98 3.30 0.00	63.21 5.01 0.00	63.29 5.06 0.00	46.73 3.53 0.00	66.46 5.39 -3.17	77.86 6.63 -0.01	67.01 5.79 -0.01	76.24 6.46 -1.06	76.91 6.74 -0.01	88.59 7.59 -1.79	109.18 9.88 -0.01	132.95 11.14 -10.53	122.60 10.56 -3.14	111.85 8.85 -14.23	92.88 8.44 -1.96	85.93 7.01 -8.17	94.91 8.30 0.00	93.72 7.63 0.00
NYS_BARGE__HYD 23848	54.27 -6.91 0.00	68.88 -9.14 0.20	55.22 -7.98 0.86	44.89 -7.23 3.72	42.92 -6.41 7.18	34.40 -4.33 6.37	36.84 -4.48 4.36	52.35 -5.86 0.00	52.32 -5.91 0.00	39.14 -4.06 0.00	51.98 -5.92 0.00	63.67 -7.44 0.11	52.40 -6.28 2.54	58.09 -7.21 3.42	60.03 -7.59 2.54	65.58 -8.37 5.26	88.83 -10.46 0.00	99.88 -12.20 -0.79	98.51 -10.91 -0.52	77.46 -9.23 2.09	59.41 -7.69 15.39	60.33 -6.91 3.51	79.77 -6.83 0.00	79.26 -6.82 0.00

OAK ORCHARD___HYD 24046	57.51 -3.66 0.00	73.31 -4.92 0.00	59.79 -4.27 0.00	51.91 -3.95 0.00	52.97 -3.54 0.00	42.86 -2.26 -0.01	43.54 -2.14 -0.01	55.59 -2.62 0.00	55.66 -2.57 0.00	41.57 -1.62 0.00	55.44 -2.46 0.00	68.10 -3.12 0.00	58.35 -2.86 0.00	65.43 -3.29 0.00	66.67 -3.49 0.00	76.02 -3.62 -0.42	95.13 -4.16 0.00	107.00 -4.79 -0.51	105.20 -4.12 -0.42	87.00 -3.69 -1.92	79.58 -3.17 -0.26	68.96 -2.87 -1.09	84.07 -2.54 0.00	83.40 -2.69 0.00
OAKDALE___35_KV_LOAD 356122	60.73 -0.45 0.00	77.60 -0.67 -0.04	63.34 -0.89 -0.17	55.81 -0.78 -0.74	57.34 -0.58 -1.41	46.33 -0.06 -1.28	46.73 0.18 -0.88	58.71 0.50 0.00	58.83 0.60 0.00	43.48 0.29 0.00	58.25 0.36 0.00	71.71 0.47 -0.02	62.03 0.33 -0.49	69.73 0.35 -0.66	71.05 0.39 -0.49	80.81 0.76 -0.84	100.17 0.88 0.00	113.98 0.81 -1.89	111.08 0.93 -1.26	96.00 0.64 -6.59	86.93 0.60 -3.84	74.64 0.16 -3.74	87.02 0.41 0.00	86.33 0.24 0.00
OCC_CHEM___DRP 24175	53.60 -7.57 0.00	68.11 -9.90 0.22	54.55 -8.55 0.96	43.87 -7.88 4.09	41.43 -7.29 7.79	32.97 -5.08 7.06	35.49 -5.34 4.85	51.25 -6.96 0.00	51.29 -6.94 0.00	38.49 -4.70 0.00	51.22 -6.68 0.00	62.72 -8.38 0.12	51.06 -7.39 2.76	56.56 -8.44 3.72	58.46 -8.93 2.77	63.16 -9.80 6.25	87.21 -12.09 0.00	98.06 -14.03 -0.81	96.69 -12.74 -0.54	75.49 -10.86 2.43	55.96 -9.74 16.78	58.63 -8.21 3.90	78.72 -7.89 0.00	78.25 -7.84 0.00
OH_GEN_PROXY 24063	54.16 -7.02 0.00	68.77 -9.26 0.19	55.20 -8.03 0.82	45.01 -7.33 3.50	43.15 -6.73 6.63	34.40 -4.67 6.04	36.71 -4.81 4.15	52.09 -6.11 0.00	52.09 -6.14 0.00	38.99 -4.21 0.00	51.93 -5.96 0.00	63.75 -7.37 0.10	52.48 -6.47 2.25	58.31 -7.38 3.04	60.09 -7.81 2.26	64.80 -8.58 5.83	88.63 -10.66 0.00	99.61 -12.48 -0.80	98.11 -11.32 -0.53	77.58 -9.64 1.56	60.40 -8.45 13.64	60.50 -7.29 2.95	79.49 -7.12 0.00	79.04 -7.04 0.00
OLIN_CORP_DRP 24177	53.45 -7.72 0.00	67.77 -10.23 0.23	54.28 -8.84 0.94	43.75 -8.00 4.09	41.38 -7.19 7.95	33.13 -4.99 6.99	35.66 -5.25 4.77	51.31 -6.90 0.00	51.33 -6.90 0.00	38.46 -4.74 0.00	51.13 -6.77 0.00	62.61 -8.48 0.12	51.23 -7.17 2.81	56.76 -8.17 3.79	58.69 -8.64 2.82	63.52 -9.60 6.09	87.14 -12.16 0.00	98.03 -14.07 -0.82	96.69 -12.74 -0.54	75.63 -10.65 2.49	56.44 -8.95 17.09	58.83 -7.93 3.99	78.60 -8.00 0.00	78.19 -7.90 0.00
OLIN_CORP_DSASP 323712	53.61 -7.57 0.00	68.11 -9.89 0.22	54.56 -8.54 0.96	43.92 -7.82 4.09	41.50 -7.22 7.79	33.01 -5.04 7.06	35.50 -5.33 4.85	51.28 -6.93 0.00	51.29 -6.94 0.00	38.50 -4.70 0.00	51.20 -6.69 0.00	62.72 -8.37 0.12	51.07 -7.38 2.76	56.61 -8.39 3.72	58.51 -8.88 2.77	63.21 -9.75 6.25	87.24 -12.05 0.00	98.07 -14.03 -0.81	96.68 -12.75 -0.54	75.48 -10.87 2.43	56.06 -9.64 16.78	58.68 -8.16 3.90	78.66 -7.95 0.00	78.24 -7.85 0.00
ONEIDA_HERK_LFGE 323681	61.66 0.48 0.00	79.09 0.87 0.00	64.74 0.69 0.00	56.34 0.49 0.00	57.05 0.55 0.00	45.59 0.48 0.00	46.29 0.61 0.00	59.30 1.10 0.00	59.47 1.24 0.00	44.15 0.95 0.00	59.25 1.36 0.00	72.77 1.55 0.00	62.21 1.00 0.00	69.84 1.12 0.00	71.36 1.20 0.00	80.88 1.60 -0.06	101.70 2.41 0.00	113.91 2.63 0.00	111.70 2.80 0.00	91.08 2.30 0.00	84.41 1.92 0.00	72.55 1.53 -0.27	88.39 1.78 0.00	87.92 1.84 0.00
ONEIDA___115KV_TB4 55905	62.41 1.23 0.00	79.93 1.70 0.00	65.35 1.29 0.00	56.94 1.09 0.00	57.76 1.25 0.00	46.38 1.27 0.00	47.24 1.56 0.00	60.45 2.24 0.00	60.53 2.30 0.00	44.85 1.66 0.00	59.83 1.94 0.00	73.56 2.34 0.00	62.97 1.76 0.00	70.95 2.23 0.00	72.42 2.26 0.00	82.18 2.84 -0.12	103.25 3.96 0.00	115.73 4.45 0.00	113.33 4.43 0.00	92.24 3.47 0.00	85.60 3.11 0.00	73.72 2.45 -0.52	89.49 2.88 0.00	88.73 2.64 0.00
ONONDAGA_REF_OCCRA 23987	60.35 -0.83 0.00	77.07 -1.16 0.00	62.94 -1.11 0.00	54.83 -1.02 0.00	55.65 -0.86 0.00	44.74 -0.37 0.00	45.57 -0.11 0.00	58.24 0.03 0.00	58.37 0.13 0.00	43.26 0.06 0.00	57.84 -0.05 0.00	71.04 -0.18 0.00	60.98 -0.23 0.00	68.48 -0.24 0.00	69.96 -0.20 0.00	79.51 0.07 -0.23	99.61 0.32 0.00	111.69 0.41 0.00	109.41 0.52 0.00	89.10 0.32 0.00	82.69 0.20 0.00	71.71 -0.05 -1.01	86.62 0.01 0.00	85.92 -0.17 0.00
ONONDAGA___COGEN 23986	60.38 -0.80 0.00	77.11 -1.11 0.00	62.98 -1.08 0.00	54.86 -0.98 0.00	55.68 -0.83 0.00	44.77 -0.34 0.00	45.57 -0.11 0.00	58.21 0.00 0.00	58.36 0.13 0.00	43.23 0.03 0.00	57.79 -0.11 0.00	70.96 -0.25 0.00	60.96 -0.26 0.00	68.44 -0.28 0.00	69.92 -0.24 0.00	79.48 0.04 -0.22	99.60 0.30 0.00	111.68 0.40 0.00	109.40 0.50 0.00	89.07 0.30 0.00	82.62 0.13 0.00	71.60 -0.11 -0.97	86.58 -0.03 0.00	85.87 -0.22 0.00
ONTARIO___LFGE 23819	59.44 -1.74 0.00	75.92 -2.47 -0.16	62.23 -2.53 -0.70	56.55 -2.28 -2.99	60.23 -1.95 -5.68	49.57 -0.69 -5.15	48.89 -0.33 -3.53	58.13 -0.08 0.00	58.38 0.15 0.00	43.27 0.07 0.00	57.36 -0.54 0.00	70.41 -0.89 -0.09	62.27 -0.92 -1.98	70.20 -1.19 -2.67	70.93 -1.21 -1.98	81.51 -0.82 -3.11	98.48 -0.82 0.00	110.90 -1.19 -0.80	108.63 -0.79 -0.52	93.70 -0.93 -5.86	94.22 -0.85 -12.58	74.72 -1.09 -5.07	85.71 -0.90 0.00	85.05 -1.04 0.00
ORANGEVILLE_WT_PWR 323706	55.11 -6.07 0.00	69.31 -7.98 0.93	52.81 -7.21 4.03	32.11 -6.55 17.18	17.75 -6.06 32.70	11.69 -3.80 29.62	21.72 -3.62 20.34	53.94 -4.27 0.00	54.07 -4.16 0.00	40.16 -3.03 0.00	53.32 -4.58 0.00	64.59 -6.13 0.51	44.24 -5.53 11.44	47.08 -6.23 15.42	52.17 -6.51 11.48	54.20 -6.74 18.28	91.25 -8.05 0.00	102.91 -9.36 -0.99	101.13 -8.43 -0.66	64.25 -7.41 17.12	5.62 -6.37 70.50	44.71 -5.92 20.11	80.16 -6.45 0.00	79.34 -6.75 0.00
ORANGEVILLE___ESR 323794	55.11 -6.07 0.00	69.31 -7.98 0.93	52.81 -7.21 4.03	32.11 -6.55 17.18	17.75 -6.06 32.70	11.69 -3.80 29.62	21.72 -3.62 20.34	53.94 -4.27 0.00	54.07 -4.16 0.00	40.16 -3.03 0.00	53.32 -4.58 0.00	64.59 -6.13 0.51	44.24 -5.53 11.44	47.08 -6.23 15.42	52.17 -6.51 11.48	54.20 -6.74 18.28	91.25 -8.05 0.00	102.91 -9.36 -0.99	101.13 -8.43 -0.66	64.25 -7.41 17.12	5.62 -6.37 70.50	44.71 -5.92 20.11	80.16 -6.45 0.00	79.34 -6.75 0.00
OSWEGATCHIE___HYD 24044	60.16 -1.01 0.00	77.33 -0.90 0.00	63.24 -0.81 0.00	55.01 -0.84 0.00	55.50 -1.01 0.00	43.93 -1.18 0.00	44.07 -1.61 0.00	56.35 -1.86 0.00	56.47 -1.76 0.00	42.02 -1.17 0.00	56.30 -1.59 0.00	68.95 -2.27 0.00	59.06 -2.15 0.00	66.02 -2.71 0.00	67.47 -2.70 0.00	76.23 -3.03 -0.05	96.05 -3.25 0.00	106.81 -4.47 0.00	105.00 -3.89 0.00	85.64 -3.14 0.00	79.39 -3.10 0.00	68.90 -2.07 -0.22	84.47 -2.14 0.00	84.89 -1.19 0.00
OSWEGO___5 23606	58.84 -2.34 0.00	75.17 -3.05 0.00	61.52 -2.54 0.00	53.59 -2.26 0.00	54.32 -2.19 0.00	43.52 -1.59 0.00	44.20 -1.48 0.00	56.35 -1.86 0.00	56.40 -1.83 0.00	41.87 -1.32 0.00	56.04 -1.85 0.00	68.88 -2.34 0.00	59.17 -2.05 0.00	66.41 -2.31 0.00	67.83 -2.32 0.00	76.89 -2.49 -0.17	96.33 -2.97 0.00	107.95 -3.33 0.00	105.74 -3.15 0.00	86.14 -2.64 0.00	80.01 -2.47 0.00	69.02 -2.21 -0.49	84.01 -2.60 0.00	83.41 -2.68 0.00

OSWEGO___6 23613	58.84 -2.34 0.00	75.17 -3.05 0.00	61.52 -2.54 0.00	53.59 -2.26 0.00	54.32 -2.19 0.00	43.52 -1.59 0.00	44.20 -1.48 0.00	56.35 -1.86 0.00	56.40 -1.83 0.00	41.87 -1.32 0.00	56.04 -1.85 0.00	68.88 -2.34 0.00	59.17 -2.05 0.00	66.41 -2.31 0.00	67.83 -2.32 0.00	76.89 -2.49 -0.17	96.33 -2.97 0.00	107.95 -3.33 0.00	105.74 -3.15 0.00	86.14 -2.64 0.00	80.01 -2.47 0.00	69.02 -2.21 -0.49	84.01 -2.60 0.00	83.41 -2.68 0.00
OUTOKUMPU-AB___DRP 24206	55.00 -6.17 0.00	69.83 -8.16 0.24	55.81 -7.23 1.02	44.82 -6.66 4.36	42.19 -5.98 8.35	33.66 -3.93 7.51	36.45 -4.08 5.15	52.98 -5.22 0.00	52.98 -5.24 0.00	39.60 -3.59 0.00	52.66 -5.23 0.00	64.49 -6.59 0.13	52.53 -5.73 2.95	58.15 -6.59 3.98	60.21 -6.99 2.96	65.41 -7.57 6.23	89.88 -9.41 0.00	101.14 -10.97 -0.83	99.74 -9.70 -0.55	77.68 -8.38 2.71	57.27 -7.27 17.95	60.12 -6.38 4.24	80.64 -5.97 0.00	80.09 -6.00 0.00
OXBOW___BTM 323836	54.44 -6.74 0.00	69.14 -8.86 0.23	55.30 -7.77 0.99	44.48 -7.13 4.23	41.98 -6.46 8.07	33.45 -4.37 7.29	36.09 -4.59 5.00	52.29 -5.91 0.00	52.28 -5.95 0.00	39.16 -4.03 0.00	52.07 -5.83 0.00	63.78 -7.31 0.13	51.95 -6.41 2.86	57.57 -7.30 3.85	59.56 -7.73 2.87	64.53 -8.44 6.24	88.84 -10.45 0.00	99.90 -12.20 -0.82	98.47 -10.96 -0.54	76.81 -9.39 2.57	56.93 -8.19 17.37	59.59 -7.08 4.08	79.84 -6.77 0.00	79.34 -6.74 0.00
OXBOW____ 24026	54.43 -6.75 0.00	69.12 -8.88 0.23	55.30 -7.76 0.99	44.45 -7.16 4.23	41.91 -6.53 8.07	33.41 -4.41 7.29	36.07 -4.60 5.00	52.26 -5.95 0.00	52.28 -5.95 0.00	39.15 -4.04 0.00	52.08 -5.82 0.00	63.78 -7.32 0.13	51.93 -6.43 2.86	57.52 -7.35 3.85	59.50 -7.79 2.87	64.47 -8.50 6.24	88.79 -10.50 0.00	99.88 -12.22 -0.82	98.50 -10.94 -0.54	76.83 -9.38 2.57	56.80 -8.31 17.37	59.54 -7.13 4.08	79.88 -6.73 0.00	79.35 -6.74 0.00
OXY_CHEM_DSASP 323612	53.60 -7.57 0.00	68.11 -9.90 0.22	54.55 -8.55 0.96	43.87 -7.88 4.09	41.43 -7.29 7.79	32.97 -5.08 7.06	35.49 -5.34 4.85	51.25 -6.96 0.00	51.29 -6.94 0.00	38.49 -4.70 0.00	51.22 -6.68 0.00	62.72 -8.38 0.12	51.06 -7.39 2.76	56.56 -8.44 3.72	58.46 -8.93 2.77	63.16 -9.80 6.25	87.21 -12.09 0.00	98.06 -14.03 -0.81	96.69 -12.74 -0.54	75.49 -10.86 2.43	55.96 -9.74 16.78	58.63 -8.21 3.90	78.72 -7.89 0.00	78.25 -7.84 0.00
OZONE_PARK_ESR 323760	65.28 4.11 0.00	83.19 4.96 0.00	68.25 4.19 0.00	59.38 3.54 0.00	60.11 3.60 0.00	48.12 3.01 0.00	49.34 3.66 0.00	63.76 5.55 0.00	63.81 5.58 0.00	47.14 3.94 0.00	67.22 6.16 -3.17	78.79 7.57 0.00	67.75 6.53 0.00	77.06 7.28 -1.06	77.75 7.58 0.00	89.57 8.56 -1.79	110.34 11.04 0.00	134.46 12.66 -10.52	124.09 12.05 -3.13	113.01 10.01 -14.22	93.82 9.37 -1.96	86.73 7.81 -8.17	95.87 9.27 0.00	94.67 8.58 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	53.60 -7.57 0.00	68.11 -9.90 0.22	54.55 -8.55 0.96	43.87 -7.88 4.09	41.43 -7.29 7.79	32.97 -5.08 7.06	35.49 -5.34 4.85	51.25 -6.96 0.00	51.29 -6.94 0.00	38.49 -4.70 0.00	51.22 -6.68 0.00	62.72 -8.38 0.12	51.06 -7.39 2.76	56.56 -8.44 3.72	58.46 -8.93 2.77	63.16 -9.80 6.25	87.21 -12.09 0.00	98.06 -14.03 -0.81	96.69 -12.74 -0.54	75.49 -10.86 2.43	55.96 -9.74 16.78	58.63 -8.21 3.90	78.72 -7.89 0.00	78.25 -7.84 0.00
PACKARD__115KV_DUPONT_184 80571	53.60 -7.57 0.00	68.11 -9.90 0.22	54.55 -8.55 0.96	43.87 -7.88 4.09	41.43 -7.29 7.79	32.97 -5.08 7.06	35.49 -5.34 4.85	51.25 -6.96 0.00	51.29 -6.94 0.00	38.49 -4.70 0.00	51.22 -6.68 0.00	62.72 -8.38 0.12	51.06 -7.39 2.76	56.56 -8.44 3.72	58.46 -8.93 2.77	63.16 -9.80 6.25	87.21 -12.09 0.00	98.06 -14.03 -0.81	96.69 -12.74 -0.54	75.49 -10.86 2.43	55.96 -9.74 16.78	58.63 -8.21 3.90	78.72 -7.89 0.00	78.25 -7.84 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	64.72 3.53 -0.01	82.53 4.30 -0.01	67.71 3.65 0.00	58.95 3.10 -0.01	59.65 3.14 -0.01	47.68 2.57 0.00	48.92 3.24 0.00	63.15 4.94 0.00	63.21 4.98 0.00	46.68 3.48 0.00	66.43 5.37 -3.17	77.81 6.59 -0.01	66.91 5.69 -0.01	76.15 6.37 -1.06	76.80 6.64 -0.01	88.49 7.49 -1.79	109.08 9.78 -0.01	132.90 11.10 -10.53	122.62 10.58 -3.14	111.90 8.90 -14.23	92.90 8.45 -1.96	85.93 7.02 -8.17	94.90 8.29 0.00	93.70 7.61 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	64.83 3.65 -0.01	82.72 4.49 -0.01	67.91 3.85 0.00	59.14 3.29 -0.01	59.84 3.32 -0.01	47.86 2.75 0.00	49.14 3.46 0.00	63.48 5.27 0.00	63.44 5.21 0.00	46.88 3.68 0.00	66.63 5.57 -3.17	77.92 6.70 -0.01	66.99 5.77 -0.01	76.22 6.44 -1.06	76.81 6.65 -0.01	88.53 7.53 -1.79	109.24 9.94 -0.01	133.14 11.33 -10.53	122.96 10.93 -3.14	112.21 9.21 -14.23	93.21 8.76 -1.96	86.20 7.29 -8.17	95.21 8.60 0.00	94.03 7.94 0.00
PATROON__115KV_TB1 80586	63.37 2.19 0.00	81.05 2.83 0.00	66.50 2.44 0.00	57.94 2.09 0.00	58.66 2.16 0.00	46.64 1.53 0.00	47.37 1.69 0.00	60.67 2.46 0.00	60.66 2.43 0.00	44.86 1.67 0.00	60.22 2.33 0.00	74.15 2.93 0.00	63.73 2.52 0.00	71.61 2.88 0.00	73.35 3.19 0.00	85.31 3.64 -2.46	103.47 4.17 0.00	127.55 4.34 -11.93	123.55 4.54 -10.12	138.35 3.69 -45.88	92.47 3.66 -6.32	84.70 3.13 -10.82	90.38 3.77 0.00	90.02 3.93 0.00
PATTRSNVILLE__SOLAR 323815	63.38 2.20 0.00	81.04 2.82 0.00	66.42 2.36 0.00	57.89 2.04 0.00	58.64 2.13 0.00	46.82 1.71 0.00	47.63 1.96 0.00	60.93 2.73 0.00	60.70 2.48 0.00	44.67 1.47 0.00	59.87 1.97 0.00	73.70 2.48 0.00	63.45 2.23 0.00	71.28 2.56 0.00	73.00 2.84 0.00	85.37 3.63 -2.53	104.24 4.94 0.00	135.05 5.76 -18.00	129.71 5.68 -15.13	162.04 4.62 -68.65	96.13 4.20 -9.45	85.65 3.52 -11.39	90.82 4.21 0.00	90.04 3.95 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	56.71 -4.47 0.00	72.00 -5.98 0.25	57.53 -5.47 1.06	46.29 -5.01 4.54	43.55 -4.26 8.70	34.80 -2.50 7.82	37.78 -2.54 5.36	54.85 -3.36 0.00	54.60 -3.63 0.00	40.14 -3.05 0.00	53.52 -4.38 0.00	65.69 -5.40 0.14	53.48 -4.66 3.07	59.28 -5.31 4.14	61.46 -5.62 3.08	66.82 -6.05 6.34	91.44 -7.85 0.00	102.88 -9.32 -0.91	101.10 -8.40 -0.60	78.94 -7.16 2.68	57.74 -6.09 18.66	60.76 -5.63 4.35	81.17 -5.44 0.00	80.50 -5.59 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	65.38 4.20 0.00	83.38 5.15 0.00	68.44 4.38 0.00	59.57 3.72 0.00	60.31 3.80 0.00	48.27 3.16 0.00	49.42 3.74 0.00	63.71 5.50 0.00	63.70 5.47 0.00	47.01 3.81 0.00	64.58 5.75 -0.93	78.21 6.99 0.00	67.24 6.03 0.00	75.82 6.79 -0.31	77.25 7.10 0.00	89.20 8.18 -1.81	110.03 10.73 0.00	134.21 12.36 -10.56	123.91 11.81 -3.21	113.10 9.78 -14.55	93.61 9.12 -2.00	86.59 7.61 -8.25	95.59 8.98 0.00	94.43 8.34 0.00
PEEKSKILL____ 23653	64.25 3.07 0.00	81.95 3.72 0.00	67.31 3.26 0.00	58.57 2.72 0.00	59.25 2.74 0.00	47.38 2.27 0.00	48.49 2.81 0.00	62.50 4.29 0.00	62.49 4.26 0.00	46.16 2.97 0.00	66.39 4.66 -3.83	76.90 5.69 0.00	66.10 4.89 0.00	75.47 5.47 -1.28	75.88 5.72 0.00	87.52 6.54 -1.77	107.82 8.53 0.00	131.42 9.81 -10.33	121.27 9.27 -3.10	110.54 7.71 -14.05	91.66 7.24 -1.93	84.90 6.09 -8.07	93.75 7.15 0.00	92.70 6.61 0.00

PGE MADISON___WINDPWR 24146	63.75 2.58 0.00	80.35 2.13 0.00	65.52 1.46 0.00	56.99 1.15 0.00	57.94 1.43 0.00	46.77 1.67 0.00	48.41 2.73 0.00	62.60 4.39 0.00	62.46 4.23 0.00	46.28 3.09 0.00	61.92 4.02 0.00	75.52 4.30 0.00	64.88 3.67 0.00	72.79 4.07 0.00	74.38 4.22 0.00	85.13 5.58 -0.34	108.28 8.99 0.00	123.92 10.43 -2.20	121.24 10.81 -1.53	102.99 7.27 -6.94	89.84 6.40 -0.96	78.25 4.80 -2.71	91.63 5.02 0.00	90.42 4.33 0.00
PIERCEFIELD___HYD 23852	61.03 -0.14 0.00	78.25 0.02 0.00	63.97 -0.09 0.00	55.76 -0.09 0.00	56.14 -0.37 0.00	44.34 -0.77 0.00	44.11 -1.57 0.00	55.91 -2.30 0.00	55.91 -2.32 0.00	41.59 -1.60 0.00	55.42 -2.47 0.00	68.04 -3.18 0.00	58.50 -2.71 0.00	65.54 -3.19 0.00	66.95 -3.21 0.00	75.31 -3.90 0.00	94.52 -4.77 0.00	104.42 -6.86 0.00	102.55 -6.34 0.00	83.58 -5.20 0.00	77.76 -4.73 0.00	67.90 -2.84 0.00	83.60 -3.01 0.00	84.38 -1.71 0.00
PINELAWN_CC_1 323563	66.11 4.93 -0.01	84.30 6.06 -0.01	68.99 4.93 0.00	60.01 4.16 0.00	64.48 4.41 -3.57	48.82 3.71 -0.01	50.10 4.37 -0.05	64.53 6.31 -0.01	64.19 5.96 0.00	47.09 3.89 0.00	73.81 6.51 -9.41	80.02 8.03 -0.76	71.55 6.94 -3.39	77.60 7.60 -1.28	77.59 7.43 0.00	88.95 7.95 -1.79	109.67 10.38 0.00	133.70 11.90 -10.52	123.54 11.50 -3.14	113.30 10.26 -14.26	94.77 9.48 -2.80	97.53 8.18 -18.61	130.69 10.53 -33.54	120.33 10.08 -24.16
PJM_GEN_HTP_PROXY 323702	64.67 3.49 0.00	82.45 4.22 0.00	67.67 3.61 0.00	58.89 3.04 0.00	59.60 3.09 0.00	47.67 2.56 0.00	41.87 3.15 6.95	63.02 4.81 0.00	63.05 4.82 0.00	46.60 3.41 0.00	66.49 5.41 -3.18	77.87 6.65 0.00	66.97 5.75 0.00	76.21 6.43 -1.06	76.84 6.68 0.00	88.56 7.56 -1.79	109.05 9.75 0.00	132.92 11.12 -10.51	122.54 10.51 -3.13	111.73 8.73 -14.22	92.63 8.19 -1.96	85.76 6.85 -8.17	94.70 8.09 0.00	93.56 7.47 0.00
PJM_GEN_KEystone 24065	60.44 -0.74 0.00	77.01 -1.17 0.04	62.33 -1.53 0.20	53.56 -1.43 0.85	53.70 -1.19 1.62	43.24 -0.40 1.47	37.50 -0.22 7.96	58.24 0.03 0.00	58.25 0.02 0.00	42.99 -0.20 0.01	52.25 0.01 5.66	71.33 0.14 0.04	60.74 0.10 0.57	66.13 0.07 2.66	58.44 0.03 11.76	76.09 0.18 3.31	91.61 0.00 7.68	79.32 -0.24 31.72	108.97 -0.25 -0.31	94.49 -0.16 -5.87	80.31 0.11 2.29	74.24 -0.22 -3.72	87.34 0.73 0.00	83.39 0.62 3.31
PJM_GEN_NEPTUNE_PROXY 323594	65.32 4.14 0.00	83.35 5.12 0.00	68.23 4.17 0.00	59.39 3.54 0.00	61.24 3.73 -1.00	48.22 3.12 0.00	42.47 3.75 6.95	63.59 5.38 0.00	63.38 5.15 0.00	46.65 3.46 0.00	64.76 5.92 -0.95	76.92 7.37 1.66	67.69 6.39 -0.09	74.23 7.02 1.51	75.23 7.23 2.15	88.79 7.79 -1.79	109.47 10.18 0.00	133.49 11.69 -10.52	123.29 11.25 -3.13	112.68 9.67 -14.23	93.66 8.99 -2.19	89.27 7.61 -10.91	104.78 9.24 -8.93	100.65 8.86 -5.70
PJM_GEN_VFT_PROXY 323633	64.30 3.12 0.00	81.96 3.73 0.00	67.28 3.22 0.00	58.55 2.70 0.00	59.22 2.71 0.00	47.35 2.25 0.00	41.56 2.84 6.95	62.64 4.43 0.00	62.66 4.43 0.00	46.23 3.12 0.09	62.33 5.03 0.60	77.23 6.16 0.15	66.41 5.36 0.16	75.26 5.97 -0.57	75.54 6.21 0.84	87.73 7.04 -1.49	107.62 9.05 0.72	129.54 10.36 -7.89	118.50 9.77 0.16	110.54 8.13 -13.64	92.11 7.67 -1.96	85.37 6.45 -8.17	94.18 7.57 0.00	93.03 6.95 0.00
PLATSBURG_115KV_PMLD1 355749	8.34 -1.14 51.70	76.91 -1.31 0.00	63.31 -0.75 0.00	55.29 -0.56 0.00	55.71 -0.80 0.00	44.41 -0.70 0.00	44.63 -1.05 0.00	56.33 -1.87 0.00	56.38 -1.85 0.00	41.77 -1.43 0.00	56.06 -1.83 0.00	68.89 -2.33 0.00	59.23 -1.98 0.00	66.79 -1.93 0.00	68.58 -1.57 0.00	77.13 -2.08 0.00	96.65 -2.64 0.00	106.79 -4.50 0.00	104.31 -4.59 0.00	85.74 -3.04 0.00	79.15 -3.34 0.00	68.61 -2.13 0.00	83.97 -2.64 0.00	84.60 -1.49 0.00
PLEASANTVLY___LBMP 24000	64.29 3.11 0.00	82.03 3.80 0.00	67.35 3.29 0.00	58.63 2.79 0.00	59.34 2.83 0.00	47.40 2.29 0.00	48.42 2.75 0.00	62.37 4.16 0.00	62.37 4.14 0.00	46.09 2.90 0.00	63.74 4.51 -1.34	76.70 5.48 0.00	65.94 4.72 0.00	74.48 5.31 -0.45	75.72 5.56 0.00	87.42 6.33 -1.88	107.56 8.26 0.00	131.94 9.43 -11.23	121.14 8.98 -3.27	111.07 7.45 -14.84	91.53 7.00 -2.04	85.19 5.90 -8.55	93.61 7.00 0.00	92.62 6.53 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	64.61 3.44 0.00	82.39 4.16 0.00	67.64 3.58 0.00	58.88 3.03 0.00	59.58 3.07 0.00	47.64 2.53 0.00	48.73 3.06 0.00	62.84 4.64 0.00	62.84 4.61 0.00	46.44 3.24 0.00	65.35 5.04 -2.41	77.40 6.18 0.00	66.52 5.31 0.00	75.48 5.95 -0.80	76.38 6.22 0.00	88.09 7.08 -1.80	108.53 9.23 0.00	132.52 10.61 -10.62	122.12 10.06 -3.16	111.45 8.36 -14.32	92.29 7.83 -1.97	85.53 6.56 -8.23	94.38 7.77 0.00	93.32 7.23 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	64.61 3.44 0.00	82.39 4.16 0.00	67.64 3.58 0.00	58.88 3.03 0.00	59.58 3.07 0.00	47.64 2.53 0.00	48.73 3.06 0.00	62.84 4.64 0.00	62.84 4.61 0.00	46.44 3.24 0.00	65.35 5.04 -2.41	77.40 6.18 0.00	66.52 5.31 0.00	75.48 5.95 -0.80	76.38 6.22 0.00	88.09 7.08 -1.80	108.53 9.23 0.00	132.52 10.61 -10.62	122.12 10.06 -3.16	111.45 8.36 -14.32	92.29 7.83 -1.97	85.53 6.56 -8.23	94.38 7.77 0.00	93.32 7.23 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	65.02 3.84 0.00	82.94 4.71 0.00	68.08 4.03 0.00	59.26 3.41 0.00	60.01 3.50 0.00	47.95 2.85 0.00	49.05 3.38 0.00	63.22 5.01 0.00	63.21 4.98 0.00	46.64 3.45 0.00	63.09 5.19 0.00	77.44 6.23 0.00	66.59 5.38 0.00	74.83 6.10 0.00	76.58 6.42 0.00	88.46 7.41 -1.83	109.11 9.81 0.00	133.08 11.26 -10.54	123.09 10.83 -3.36	112.97 8.93 -15.26	92.92 8.34 -2.10	86.04 6.93 -8.37	94.88 8.27 0.00	93.77 7.69 0.00
POLETTI___ 23519	64.45 3.27 0.00	82.18 3.95 0.00	67.44 3.38 0.00	58.68 2.83 0.00	59.39 2.88 0.00	47.49 2.38 0.00	48.66 2.98 0.00	62.85 4.64 0.00	62.89 4.66 0.00	46.51 3.32 0.00	66.53 5.47 -3.17	77.90 6.68 0.00	67.04 5.83 0.00	76.30 6.52 -1.06	76.94 6.78 0.00	88.62 7.62 -1.79	109.05 9.76 0.00	132.92 11.12 -10.52	122.49 10.46 -3.13	111.71 8.71 -14.22	92.66 8.21 -1.96	85.73 6.82 -8.17	94.65 8.04 0.00	93.47 7.38 0.00
POMONA___ESR 323819	64.00 2.83 0.00	81.62 3.40 0.00	67.09 3.03 0.00	58.38 2.54 0.00	59.03 2.52 0.00	47.22 2.11 0.00	48.32 2.64 0.00	62.30 4.09 0.00	62.28 4.05 0.00	46.00 2.81 0.00	57.23 4.41 5.08	76.61 5.39 0.00	65.85 4.63 0.00	72.20 5.17 1.70	75.56 5.40 0.00	87.12 6.18 -1.72	107.38 8.08 0.00	130.52 9.28 -9.96	120.66 8.73 -3.03	109.81 7.31 -13.73	91.26 6.89 -1.89	84.37 5.76 -7.87	93.34 6.73 0.00	92.33 6.24 0.00
PORT_JEFF_3 23555	66.65 5.46 -0.01	84.96 6.72 -0.01	69.43 5.37 0.00	60.39 4.55 0.00	65.14 4.85 -3.79	49.14 4.02 -0.01	50.37 4.66 -0.04	64.84 6.63 -0.01	64.42 6.20 0.00	47.14 3.94 0.00	68.72 6.58 -4.24	78.73 8.19 0.68	69.74 7.10 -1.43	76.00 7.66 0.38	76.83 7.96 1.28	89.87 8.87 -1.79	111.37 12.08 0.00	135.87 14.06 -10.52	125.60 13.57 -3.14	114.96 11.92 -14.26	96.33 10.99 -2.85	98.55 9.21 -18.59	131.73 11.03 -34.09	118.25 10.71 -21.45

PORT_JEFF_4 23616	66.65 5.46 -0.01	84.96 6.72 -0.01	69.43 5.37 0.00	60.39 4.55 0.00	65.14 4.85 -3.79	49.14 4.02 -0.01	50.37 4.66 -0.04	64.84 6.63 -0.01	64.42 6.20 0.00	47.14 3.94 0.00	68.72 6.58 -4.24	78.73 8.19 0.68	69.74 7.10 -1.43	76.00 7.66 0.38	76.83 7.96 1.28	89.87 8.87 -1.79	111.37 12.08 0.00	135.87 14.06 -10.52	125.60 13.57 -3.14	114.96 11.92 -14.26	96.33 10.99 -2.85	98.55 9.21 -18.59	131.73 11.03 -34.09	118.25 10.71 -21.45
PORT_JEFF_IC 23713	66.70 5.51 -0.01	85.03 6.80 -0.01	69.49 5.44 0.00	60.43 4.59 0.00	65.20 4.91 -3.78	49.18 4.06 -0.01	50.43 4.71 -0.04	64.93 6.72 -0.01	64.49 6.26 0.00	47.18 3.98 0.00	68.91 6.64 -4.37	78.81 8.24 0.64	69.82 7.13 -1.48	76.08 7.70 0.34	76.93 8.01 1.25	89.94 8.94 -1.79	111.55 12.25 0.00	136.02 14.22 -10.52	125.70 13.67 -3.14	115.13 12.09 -14.26	96.50 11.16 -2.85	98.70 9.37 -18.59	131.94 11.27 -34.07	118.39 10.80 -21.51
PPL_PILGRIM_ST_GT1 24216	66.66 5.47 -0.01	85.01 6.77 -0.01	69.50 5.44 0.00	60.46 4.62 0.00	65.19 4.93 -3.75	49.22 4.11 -0.01	50.51 4.79 -0.04	65.02 6.81 -0.01	64.65 6.42 0.00	47.33 4.14 0.00	69.75 6.84 -5.02	79.26 8.48 0.45	70.32 7.37 -1.74	76.64 8.04 0.12	77.40 8.32 1.08	90.19 9.19 -1.79	111.65 12.35 0.00	136.16 14.36 -10.52	125.95 13.92 -3.14	115.10 12.06 -14.26	96.43 11.10 -2.85	98.67 9.34 -18.59	131.85 11.26 -33.98	118.78 10.86 -21.83
PPL_PILGRIM_ST_GT2 24217	66.66 5.47 -0.01	85.01 6.77 -0.01	69.50 5.44 0.00	60.46 4.62 0.00	65.19 4.93 -3.75	49.22 4.11 -0.01	50.51 4.79 -0.04	65.02 6.81 -0.01	64.65 6.42 0.00	47.33 4.14 0.00	69.75 6.84 -5.02	79.26 8.48 0.45	70.32 7.37 -1.74	76.64 8.04 0.12	77.40 8.32 1.08	90.19 9.19 -1.79	111.65 12.35 0.00	136.16 14.36 -10.52	125.95 13.92 -3.14	115.10 12.06 -14.26	96.43 11.10 -2.85	98.67 9.34 -18.59	131.85 11.26 -33.98	118.78 10.86 -21.83
PPL_SHRM_GT3 24213	67.05 5.86 -0.01	85.40 7.16 -0.01	69.71 5.65 0.00	60.66 4.82 0.00	65.41 5.11 -3.79	49.37 4.26 -0.01	50.59 4.88 -0.04	65.14 6.93 -0.01	64.66 6.43 0.00	47.17 3.97 0.00	68.77 6.58 -4.30	78.69 8.13 0.67	69.71 7.04 -1.45	75.96 7.60 0.36	76.87 7.98 1.27	90.01 9.01 -1.79	111.88 12.58 0.00	136.72 14.92 -10.52	126.49 14.46 -3.14	115.58 12.55 -14.26	96.85 11.51 -2.85	98.92 9.59 -18.59	132.12 11.42 -34.09	118.66 11.09 -21.47
PPL_SHRM_GT4 24214	67.05 5.86 -0.01	85.40 7.16 -0.01	69.71 5.65 0.00	60.66 4.82 0.00	65.41 5.11 -3.79	49.37 4.26 -0.01	50.59 4.88 -0.04	65.14 6.93 -0.01	64.66 6.43 0.00	47.17 3.97 0.00	68.77 6.58 -4.30	78.69 8.13 0.67	69.71 7.04 -1.45	75.96 7.60 0.36	76.87 7.98 1.27	90.01 9.01 -1.79	111.88 12.58 0.00	136.72 14.92 -10.52	126.49 14.46 -3.14	115.58 12.55 -14.26	96.85 11.51 -2.85	98.92 9.59 -18.59	132.12 11.42 -34.09	118.66 11.09 -21.47
PROJECT___ORANGE 1 24174	59.84 -1.34 0.00	76.42 -1.81 0.00	62.45 -1.61 0.00	54.38 -1.46 0.00	55.18 -1.33 0.00	44.34 -0.77 0.00	45.16 -0.51 0.00	57.69 -0.52 0.00	57.80 -0.43 0.00	42.87 -0.33 0.00	57.35 -0.54 0.00	70.47 -0.75 0.00	60.47 -0.74 0.00	67.90 -0.82 0.00	69.37 -0.79 0.00	78.78 -0.62 -0.19	98.71 -0.58 0.00	110.67 -0.61 0.00	108.40 -0.50 0.00	88.24 -0.54 0.00	81.93 -0.56 0.00	70.90 -0.67 -0.83	85.91 -0.70 0.00	85.21 -0.87 0.00
PROJECT___ORANGE 2 24166	59.84 -1.34 0.00	76.42 -1.81 0.00	62.45 -1.61 0.00	54.38 -1.46 0.00	55.18 -1.33 0.00	44.34 -0.77 0.00	45.16 -0.51 0.00	57.69 -0.52 0.00	57.80 -0.43 0.00	42.87 -0.33 0.00	57.35 -0.54 0.00	70.47 -0.75 0.00	60.47 -0.74 0.00	67.90 -0.82 0.00	69.37 -0.79 0.00	78.78 -0.62 -0.19	98.71 -0.58 0.00	110.67 -0.61 0.00	108.40 -0.50 0.00	88.24 -0.54 0.00	81.93 -0.56 0.00	70.90 -0.67 -0.83	85.91 -0.70 0.00	85.21 -0.87 0.00
PUCKETT___SOLAR 323809	61.59 0.42 0.00	78.32 0.10 0.00	63.77 -0.29 0.00	55.64 -0.20 0.00	56.54 0.03 0.00	45.53 0.43 0.00	46.55 0.87 0.00	59.80 1.59 0.00	59.92 1.69 0.00	44.34 1.14 0.00	59.36 1.46 0.00	72.81 1.59 0.00	62.54 1.32 0.00	70.15 1.42 0.00	71.62 1.46 0.00	81.60 2.17 -0.22	102.51 3.22 0.00	116.86 3.48 -2.10	113.84 3.51 -1.43	97.63 2.39 -6.46	85.37 1.99 -0.89	74.91 1.28 -2.89	88.19 1.58 0.00	87.40 1.32 0.00
PYRITES___HYD 24023	62.37 1.20 0.00	79.95 1.72 0.00	65.29 1.23 0.00	56.91 1.06 0.00	57.39 0.89 0.00	45.48 0.37 0.00	45.44 -0.24 0.00	57.53 -0.67 0.00	57.44 -0.79 0.00	42.63 -0.56 0.00	56.49 -1.40 0.00	69.19 -2.03 0.00	59.65 -1.56 0.00	66.63 -2.09 0.00	68.32 -1.84 0.00	77.01 -2.21 0.00	96.90 -2.39 0.00	107.34 -3.95 0.00	105.42 -3.48 0.00	85.90 -2.88 0.00	79.84 -2.64 0.00	69.44 -1.30 0.00	85.29 -1.32 0.00	85.97 -0.12 0.00
QUAKERRD_115KV_BK1 80622	56.83 -4.34 0.00	72.50 -5.73 0.00	59.17 -4.89 0.00	51.39 -4.46 0.00	52.35 -4.16 0.00	42.29 -2.82 0.00	43.01 -2.67 0.00	54.92 -3.29 0.00	55.00 -3.23 0.00	41.05 -2.15 0.00	54.74 -3.15 0.00	67.26 -3.96 0.00	57.65 -3.56 0.00	64.66 -4.06 0.00	65.92 -4.24 0.00	75.25 -4.46 -0.50	94.00 -5.30 0.00	105.22 -6.06 0.00	103.44 -5.45 0.00	84.04 -4.73 0.00	78.14 -4.35 0.00	67.97 -3.83 -1.05	82.74 -3.87 0.00	82.07 -4.02 0.00
QUEENSBRY_115KV_TB8 356137	64.93 3.75 0.00	83.00 4.78 0.00	68.00 3.95 0.00	59.27 3.42 0.00	60.11 3.60 0.00	48.27 3.16 0.00	49.43 3.75 0.00	63.39 5.18 0.00	63.24 5.01 0.00	46.48 3.28 0.00	62.27 4.38 0.00	76.63 5.41 0.00	65.69 4.49 0.00	73.85 5.13 0.00	76.00 5.84 0.00	89.08 7.35 -2.52	108.78 9.49 0.00	139.20 10.64 -17.28	133.82 10.46 -14.47	163.08 8.68 -65.63	99.31 7.79 -9.03	88.25 6.41 -11.09	93.91 7.30 0.00	92.81 6.72 0.00
RAMAPO___LBMP 323565	63.86 2.69 0.00	81.48 3.26 0.00	66.98 2.92 0.00	58.27 2.43 0.00	58.94 2.43 0.00	47.13 2.02 0.00	48.21 2.54 0.00	62.14 3.94 0.00	62.12 3.89 0.00	45.89 2.70 0.00	57.23 4.23 4.90	76.37 5.15 0.00	65.63 4.42 0.00	72.03 4.94 1.63	75.34 5.18 0.00	86.86 5.93 -1.71	107.08 7.79 0.00	130.14 8.95 -9.91	120.31 8.40 -3.02	109.49 7.03 -13.69	91.00 6.64 -1.88	84.14 5.55 -7.85	93.08 6.47 0.00	92.10 6.01 0.00
RANKINE____ 23646	55.60 -5.58 0.00	70.54 -7.39 0.29	56.20 -6.61 1.25	44.38 -6.12 5.34	40.84 -5.47 10.19	32.45 -3.48 9.19	35.91 -3.46 6.30	53.83 -4.37 0.00	53.76 -4.47 0.00	39.94 -3.26 0.00	53.17 -4.72 0.16	65.12 -5.94 3.60	52.40 -5.22 4.85	57.96 -5.92 3.61	60.30 -6.25 3.61	65.33 -6.71 7.18	90.93 -8.36 0.00	102.36 -9.80 -0.88	100.77 -8.71 -0.58	77.48 -7.62 3.68	53.95 -6.62 21.92	59.44 -5.92 5.38	80.98 -5.63 0.00	80.25 -5.84 0.00
RAVENSWOOD_GT2_1 24244	64.71 3.53 0.00	82.51 4.28 0.00	67.70 3.64 0.00	58.93 3.09 0.00	59.63 3.12 0.00	47.69 2.59 0.00	48.84 3.16 0.00	63.05 4.84 0.00	63.09 4.86 0.00	46.62 3.43 0.00	66.50 5.44 -3.16	77.90 6.68 0.00	67.01 5.79 0.00	76.24 6.46 -1.05	76.90 6.74 0.00	88.58 7.58 -1.79	109.12 9.82 0.00	133.02 11.22 -10.52	122.67 10.64 -3.13	111.84 8.84 -14.23	92.77 8.33 -1.96	85.87 6.96 -8.17	94.84 8.23 0.00	93.69 7.60 0.00



RAVENSWOOD_GT2_2 24245	64.71 3.53 0.00	82.51 4.28 0.00	67.70 3.64 0.00	58.93 3.09 0.00	59.63 3.12 0.00	47.69 2.59 0.00	48.84 3.16 0.00	63.05 4.84 0.00	63.09 4.86 0.00	46.62 3.43 0.00	66.50 5.44 -3.16	77.90 6.68 0.00	67.01 5.79 0.00	76.24 6.46 -1.05	76.90 6.74 0.00	88.58 7.58 -1.79	109.12 9.82 0.00	133.02 11.22 -10.52	122.67 10.64 -3.13	111.84 8.84 -14.23	92.77 8.33 -1.96	85.87 6.96 -8.17	94.84 8.23 0.00	93.69 7.60 0.00
RAVENSWOOD_GT2_3 24246	64.74 3.56 0.00	82.52 4.30 0.00	67.73 3.67 0.00	58.94 3.09 0.00	59.65 3.14 0.00	47.71 2.60 0.00	48.87 3.19 0.00	63.09 4.88 0.00	63.12 4.89 0.00	46.65 3.45 0.00	66.54 5.48 -3.16	77.95 6.74 0.00	67.04 5.83 0.00	76.29 6.51 -1.05	76.93 6.77 0.00	88.63 7.63 -1.79	109.15 9.85 0.00	133.09 11.29 -10.52	122.73 10.70 -3.13	111.91 8.90 -14.23	92.81 8.37 -1.96	85.91 7.00 -8.17	94.88 8.27 0.00	93.72 7.63 0.00
RAVENSWOOD_GT2_4 24247	64.74 3.56 0.00	82.52 4.30 0.00	67.73 3.67 0.00	58.94 3.09 0.00	59.65 3.14 0.00	47.71 2.60 0.00	48.87 3.19 0.00	63.09 4.88 0.00	63.12 4.89 0.00	46.65 3.45 0.00	66.54 5.48 -3.16	77.95 6.74 0.00	67.04 5.83 0.00	76.29 6.51 -1.05	76.93 6.77 0.00	88.63 7.63 -1.79	109.15 9.85 0.00	133.09 11.29 -10.52	122.73 10.70 -3.13	111.91 8.90 -14.23	92.81 8.37 -1.96	85.91 7.00 -8.17	94.88 8.27 0.00	93.72 7.63 0.00
RAVENSWOOD_GT3_1 24248	64.71 3.53 0.00	82.51 4.28 0.00	67.70 3.64 0.00	58.93 3.09 0.00	59.63 3.12 0.00	47.69 2.59 0.00	48.84 3.16 0.00	63.05 4.84 0.00	63.09 4.86 0.00	46.62 3.43 0.00	66.50 5.44 -3.16	77.90 6.68 0.00	67.01 5.79 0.00	76.24 6.46 -1.05	76.90 6.74 0.00	88.59 7.59 -1.79	109.12 9.82 0.00	133.03 11.23 -10.52	122.67 10.64 -3.13	111.85 8.85 -14.23	92.77 8.33 -1.96	85.87 6.96 -8.17	94.84 8.23 0.00	93.71 7.62 0.00
RAVENSWOOD_GT3_2 24249	64.71 3.53 0.00	82.51 4.28 0.00	67.70 3.64 0.00	58.93 3.09 0.00	59.63 3.12 0.00	47.69 2.59 0.00	48.84 3.16 0.00	63.05 4.84 0.00	63.09 4.86 0.00	46.62 3.43 0.00	66.50 5.44 -3.16	77.90 6.68 0.00	67.01 5.79 0.00	76.24 6.46 -1.05	76.90 6.74 0.00	88.59 7.59 -1.79	109.12 9.82 0.00	133.03 11.23 -10.52	122.67 10.64 -3.13	111.85 8.85 -14.23	92.77 8.33 -1.96	85.87 6.96 -8.17	94.84 8.23 0.00	93.71 7.62 0.00
RAVENSWOOD_GT3_3 24250	64.81 3.63 0.00	82.60 4.37 0.00	67.80 3.74 0.00	58.99 3.15 0.00	59.71 3.20 0.00	47.76 2.65 0.00	48.92 3.24 0.00	63.16 4.95 0.00	63.19 4.96 0.00	46.70 3.51 0.00	66.60 5.54 -3.16	78.03 6.81 0.00	67.12 5.91 0.00	76.37 6.59 -1.05	77.01 6.85 0.00	88.72 7.72 -1.79	109.30 9.82 0.00	133.24 11.44 -10.52	122.86 10.83 -3.13	112.01 9.01 -14.23	92.91 8.47 -1.96	86.00 7.09 -8.17	94.98 8.37 0.00	93.82 7.74 0.00
RAVENSWOOD_GT3_4 24251	64.81 3.63 0.00	82.60 4.37 0.00	67.80 3.74 0.00	58.99 3.15 0.00	59.71 3.20 0.00	47.76 2.65 0.00	48.92 3.24 0.00	63.16 4.95 0.00	63.19 4.96 0.00	46.70 3.51 0.00	66.60 5.54 -3.16	78.03 6.81 0.00	67.12 5.91 0.00	76.37 6.59 -1.05	77.01 6.85 0.00	88.72 7.72 -1.79	109.30 9.82 0.00	133.24 11.44 -10.52	122.86 10.83 -3.13	112.01 9.01 -14.23	92.91 8.47 -1.96	86.00 7.09 -8.17	94.98 8.37 0.00	93.82 7.74 0.00
RAVENSWOOD_GT_1 23729	74.08 3.83 -9.08	87.77 4.65 -4.90	69.29 3.93 -1.30	62.78 3.34 -3.59	63.05 3.39 -3.15	53.11 2.78 -5.22	54.33 3.39 -5.27	66.99 5.15 -3.63	66.80 5.18 -3.39	52.50 3.68 -5.63	70.34 5.79 -6.66	83.75 7.11 -5.42	75.56 6.16 -8.19	82.19 6.88 -6.59	82.37 7.16 -5.04	91.55 8.04 -4.29	117.25 10.39 -7.57	171.35 11.86 -48.20	172.58 11.27 -52.41	169.24 9.35 -71.12	147.55 8.78 -56.28	105.69 7.32 -27.62	102.11 8.71 -6.78	95.98 8.06 -1.83
RAVENSWOOD_GT_10 24258	65.74 3.52 -1.05	83.06 4.27 -0.56	67.85 3.64 -0.15	59.32 3.06 -0.41	59.99 3.12 -0.36	48.29 2.58 -0.60	49.44 3.16 -0.61	63.46 4.84 -0.42	63.47 4.85 -0.39	47.27 3.42 -0.65	66.77 5.43 -3.44	78.30 6.67 -0.41	67.61 5.79 -0.60	76.71 6.45 -1.53	77.40 6.72 -0.52	88.82 7.56 -2.05	109.95 9.78 -0.87	137.26 11.20 -14.78	128.33 10.61 -8.82	118.40 8.83 -20.79	99.03 8.31 -8.22	88.11 6.95 -10.41	95.60 8.21 -0.78	93.88 7.58 -0.21
RAVENSWOOD_GT_11 24259	65.74 3.52 -1.05	83.06 4.27 -0.56	67.85 3.64 -0.15	59.32 3.06 -0.41	59.99 3.12 -0.36	48.29 2.58 -0.60	49.44 3.16 -0.61	63.46 4.84 -0.42	63.47 4.85 -0.39	47.27 3.42 -0.65	66.77 5.43 -3.44	78.30 6.67 -0.41	67.61 5.79 -0.60	76.71 6.45 -1.53	77.40 6.72 -0.52	88.82 7.56 -2.05	109.95 9.78 -0.87	137.26 11.20 -14.78	128.33 10.61 -8.82	118.40 8.83 -20.79	99.03 8.31 -8.22	88.11 6.95 -10.41	95.60 8.21 -0.78	93.88 7.58 -0.21
RAVENSWOOD_GT_4 24252	71.58 3.50 -6.90	86.16 4.22 -3.72	68.66 3.61 -0.99	61.60 3.04 -2.72	61.98 3.08 -2.39	51.64 2.56 -3.97	52.82 3.14 -4.01	65.77 4.80 -2.76	65.62 4.81 -2.58	50.88 3.40 -4.28	68.33 5.41 -5.03	80.57 6.65 -2.70	70.94 5.74 -3.99	79.34 6.42 -4.20	80.25 6.68 -3.41	90.30 7.55 -3.54	114.79 9.74 -5.75	161.06 11.13 -38.65	160.11 10.56 -40.65	155.10 8.78 -57.54	134.05 8.24 -43.32	100.61 6.89 -22.98	99.92 8.15 -5.16	95.02 7.54 -1.40
RAVENSWOOD_GT_5 24254	71.58 3.50 -6.90	86.16 4.22 -3.72	68.66 3.61 -0.99	61.60 3.04 -2.72	61.98 3.08 -2.39	51.64 2.56 -3.97	52.82 3.14 -4.01	65.77 4.80 -2.76	65.62 4.81 -2.58	50.88 3.40 -4.28	68.33 5.41 -5.03	80.57 6.65 -2.70	70.94 5.74 -3.99	79.34 6.42 -4.20	80.25 6.68 -3.41	90.30 7.55 -3.54	114.79 9.74 -5.75	161.06 11.13 -38.65	160.11 10.56 -40.65	155.10 8.78 -57.54	134.05 8.24 -43.32	100.61 6.89 -22.98	99.92 8.15 -5.16	95.02 7.54 -1.40
RAVENSWOOD_GT_6 24253	71.58 3.50 -6.90	86.16 4.22 -3.72	68.66 3.61 -0.99	61.60 3.04 -2.72	61.98 3.08 -2.39	51.64 2.56 -3.97	52.82 3.14 -4.01	65.77 4.80 -2.76	65.62 4.81 -2.58	50.88 3.40 -4.28	68.33 5.41 -5.03	80.57 6.65 -2.70	70.94 5.74 -3.99	79.34 6.42 -4.20	80.25 6.68 -3.41	90.30 7.55 -3.54	114.79 9.74 -5.75	161.06 11.13 -38.65	160.11 10.56 -40.65	155.10 8.78 -57.54	134.05 8.24 -43.32	100.61 6.89 -22.98	99.92 8.15 -5.16	95.02 7.54 -1.40
RAVENSWOOD_GT_7 24255	71.58 3.50 -6.90	86.16 4.22 -3.72	68.66 3.61 -0.99	61.60 3.04 -2.72	61.98 3.08 -2.39	51.64 2.56 -3.97	52.82 3.14 -4.01	65.77 4.80 -2.76	65.62 4.81 -2.58	50.88 3.40 -4.28	68.33 5.41 -5.03	80.57 6.65 -2.70	70.94 5.74 -3.99	79.34 6.42 -4.20	80.25 6.68 -3.41	90.30 7.55 -3.54	114.79 9.74 -5.75	161.06 11.13 -38.65	160.11 10.56 -40.65	155.10 8.78 -57.54	134.05 8.24 -43.32	100.61 6.89 -22.98	99.92 8.15 -5.16	95.02 7.54 -1.40
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	65.74 3.52 -1.05	83.06 4.27 -0.56	67.85 3.64 -0.15	59.32 3.06 -0.41	59.99 3.12 -0.36	48.29 2.58 -0.60	49.44 3.16 -0.61	63.46 4.84 -0.42	63.47 4.85 -0.39	47.27 3.42 -0.65	66.77 5.43 -3.44	78.30 6.67 -0.41	67.61 5.79 -0.60	76.71 6.45 -1.53	77.40 6.72 -0.52	88.82 7.56 -2.05	109.95 9.78 -0.87	137.26 11.20 -14.78	128.33 10.61 -8.82	118.40 8.83 -20.79	99.03 8.31 -8.22	88.11 6.95 -10.41	95.60 8.21 -0.78	93.88 7.58 -0.21

RAVENSWOOD_GT_9 24257	65.74 3.52 -1.05	83.06 4.27 -0.56	67.85 3.64 -0.15	59.32 3.06 -0.41	59.99 3.12 -0.36	48.29 2.58 -0.60	49.44 3.16 -0.61	63.46 4.84 -0.42	63.47 4.85 -0.39	47.27 3.42 -0.65	66.77 5.43 -3.44	78.30 6.67 -0.41	67.61 5.79 -0.60	76.71 6.45 -1.53	77.40 6.72 -0.52	88.82 7.56 -2.05	109.95 9.78 -0.87	137.26 11.20 -14.78	128.33 10.61 -8.82	118.40 8.83 -20.79	99.03 8.31 -8.22	88.11 6.95 -10.41	95.60 8.21 -0.78	93.88 7.58 -0.21
RAVENSWOOD___1 23533	55.99 3.74 8.92	77.94 4.52 4.81	66.59 3.82 1.28	55.58 3.26 3.52	56.71 3.29 3.09	42.67 2.71 5.14	43.81 3.31 5.18	59.69 5.06 3.57	59.98 5.08 3.33	41.25 3.60 5.53	64.32 5.68 -0.75	74.68 6.95 3.49	62.09 6.03 5.16	72.43 6.73 3.01	72.75 7.00 4.41	86.63 7.89 0.47	102.03 10.17 7.44	97.08 11.66 25.87	74.57 11.05 45.38	56.18 9.20 41.80	39.58 8.63 51.54	66.99 7.23 10.98	88.51 8.58 6.67	92.20 7.92 1.81
RAVENSWOOD___2 23534	55.99 3.74 8.92	77.94 4.52 4.81	66.59 3.82 1.28	55.58 3.26 3.52	56.71 3.29 3.09	42.67 2.71 5.14	43.81 3.31 5.18	59.69 5.06 3.57	59.98 5.08 3.33	41.25 3.60 5.53	64.32 5.68 -0.75	74.68 6.95 3.49	62.09 6.03 5.16	72.43 6.73 3.01	72.75 7.00 4.41	86.63 7.89 0.47	102.03 10.17 7.44	97.08 11.66 25.87	74.57 11.05 45.38	56.18 9.20 41.80	39.58 8.63 51.54	66.99 7.23 10.98	88.51 8.58 6.67	92.20 7.92 1.81
RAVENSWOOD___3 23535	64.71 3.53 0.00	82.50 4.28 0.00	67.71 3.65 0.00	58.94 3.09 0.00	59.63 3.12 0.00	47.69 2.59 0.00	48.85 3.17 0.00	63.05 4.84 0.00	63.10 4.87 0.00	46.62 3.43 0.00	66.51 5.45 -3.16	77.91 6.69 0.00	67.01 5.80 0.00	76.25 6.47 -1.05	76.90 6.74 0.00	88.62 7.62 -1.79	109.12 9.82 0.00	133.05 11.24 -10.52	122.69 10.65 -3.13	111.85 8.85 -14.23	92.76 8.32 -1.96	85.87 6.95 -8.17	94.84 8.23 0.00	93.72 7.62 0.00
RAVENSWOOD___4 23820	55.99 3.74 8.92	77.94 4.52 4.81	66.59 3.82 1.28	55.58 3.26 3.52	56.71 3.29 3.09	42.67 2.71 5.14	43.81 3.31 5.18	59.69 5.06 3.57	59.98 5.08 3.33	41.25 3.60 5.53	64.32 5.68 -0.75	74.68 6.95 3.49	62.09 6.03 5.16	72.43 6.73 3.01	72.75 7.00 4.41	86.63 7.89 0.47	102.03 10.17 7.44	97.08 11.66 25.87	74.57 11.05 45.38	56.18 9.20 41.80	39.58 8.63 51.54	66.99 7.23 10.98	88.51 8.58 6.67	92.20 7.92 1.81
RCPL_TRUST___DRP 24196	64.76 3.58 0.00	82.55 4.32 0.00	67.75 3.69 0.00	58.96 3.12 0.00	59.68 3.17 0.00	47.75 2.64 0.00	48.90 3.22 0.00	63.13 4.92 0.00	63.17 4.94 0.00	46.70 3.50 0.00	66.65 5.57 -3.18	78.09 6.87 0.00	67.15 5.94 0.00	76.42 6.64 -1.06	77.05 6.89 0.00	88.79 7.79 -1.79	109.34 10.05 0.00	133.17 11.37 -10.51	122.80 10.76 -3.13	111.92 8.92 -14.22	92.81 8.37 -1.96	85.91 7.00 -8.17	94.86 8.25 0.00	93.72 7.63 0.00
RED___ROCHESTER 323720	57.97 -3.21 0.00	73.88 -4.35 0.00	60.24 -3.82 0.00	52.29 -3.55 0.00	53.39 -3.12 0.00	43.20 -1.91 0.00	43.91 -1.77 0.00	56.10 -2.10 0.00	56.17 -2.06 0.00	41.94 -1.25 0.00	55.91 -1.98 0.00	68.70 -2.52 0.00	58.88 -2.33 0.00	65.99 -2.73 0.00	67.30 -2.86 0.00	76.83 -2.87 -0.49	96.04 -3.25 0.00	108.02 -3.78 -0.51	106.20 -3.12 -0.42	87.84 -2.84 -1.90	80.35 -2.40 -0.26	69.57 -2.26 -1.08	84.77 -1.84 0.00	84.09 -2.00 0.00
REGAN___SOLAR 323812	64.69 3.51 0.00	82.67 4.44 0.00	67.69 3.64 0.00	59.00 3.16 0.00	59.83 3.32 0.00	47.93 2.82 0.00	48.87 3.19 0.00	62.50 4.29 0.00	61.78 3.55 0.00	45.15 1.96 0.00	60.17 2.28 0.00	74.58 3.35 0.00	63.77 2.56 0.00	72.00 3.27 0.00	73.84 3.68 0.00	86.85 5.01 -2.63	106.62 7.33 0.00	137.23 8.99 -16.95	132.02 8.91 -14.22	160.39 7.13 -64.48	97.77 6.40 -8.87	87.91 5.31 -11.85	92.87 6.26 0.00	91.96 5.87 0.00
RENSSELAER___COGEN 23796	63.06 1.88 0.00	80.64 2.42 0.00	66.15 2.10 0.00	57.66 1.81 0.00	58.38 1.87 0.00	46.34 1.23 0.00	47.04 1.37 0.00	60.24 2.04 0.00	60.23 2.00 0.00	44.52 1.33 0.00	59.77 1.88 0.00	73.58 2.36 0.00	63.24 2.03 0.00	71.07 2.35 0.00	72.79 2.64 0.00	84.53 2.88 -2.43	102.50 3.20 0.00	123.96 3.19 -9.49	120.52 3.47 -8.15	128.58 2.82 -36.98	90.53 2.96 -5.09	83.98 2.54 -10.70	89.70 3.09 0.00	89.48 3.39 0.00
REPUBLIC_115KV_BARTNBRK 55605	66.38 5.21 0.00	84.89 6.66 0.00	69.39 5.34 0.00	60.58 4.73 0.00	61.53 5.02 0.00	49.87 4.76 0.00	51.58 5.90 0.00	66.31 8.10 0.00	66.01 7.78 0.00	48.32 5.12 0.00	64.64 6.75 0.00	79.33 8.11 0.00	66.99 5.78 0.00	75.59 6.87 0.00	78.19 8.03 0.00	92.29 10.56 -2.52	113.33 14.03 0.00	144.23 15.73 -17.22	138.60 15.29 -14.41	167.10 12.97 -65.35	103.08 11.60 -8.99	91.32 9.50 -11.08	97.03 10.42 0.00	95.53 9.44 0.00
REVERE_CPPR_DRP 24186	62.88 1.71 0.00	80.54 2.31 0.00	65.86 1.80 0.00	57.37 1.52 0.00	58.15 1.64 0.00	46.69 1.58 0.00	47.55 1.87 0.00	60.92 2.71 0.00	61.09 2.86 0.00	45.28 2.08 0.00	60.46 2.57 0.00	74.41 3.19 0.00	63.61 2.40 0.00	71.61 2.88 0.00	73.09 2.93 0.00	83.01 3.69 -0.10	104.37 5.07 0.00	116.96 5.67 0.00	114.54 5.65 0.00	93.29 4.51 0.00	86.52 4.03 0.00	74.39 3.20 -0.44	90.31 3.70 0.00	89.57 3.48 0.00
REYNOLDS_115KV_TB3 80639	63.58 2.40 0.00	81.30 3.07 0.00	66.69 2.63 0.00	58.10 2.26 0.00	58.82 2.32 0.00	46.84 1.74 0.00	47.51 1.83 0.00	60.80 2.59 0.00	60.84 2.61 0.00	45.03 1.84 0.00	60.42 2.52 0.00	74.30 3.08 0.00	63.85 2.64 0.00	71.76 3.04 0.00	73.52 3.36 0.00	85.77 4.11 -2.44	104.27 4.97 0.00	128.59 5.41 -11.90	124.10 5.36 -9.84	137.82 4.43 -44.62	92.61 3.98 -6.14	84.95 3.44 -10.76	90.80 4.20 0.00	90.21 4.12 0.00
RIVERBAY____ 323610	64.83 3.65 -0.01	82.72 4.49 -0.01	67.91 3.85 0.00	59.14 3.29 -0.01	59.84 3.32 -0.01	47.86 2.75 0.00	49.14 3.46 0.00	63.48 5.27 0.00	63.44 5.21 0.00	46.88 3.68 0.00	66.63 5.57 -3.17	77.92 6.70 -0.01	66.99 5.77 -0.01	76.22 6.44 -1.06	76.81 6.65 -0.01	88.53 7.53 -1.79	109.24 9.94 -0.01	133.14 11.33 -10.53	122.96 10.93 -3.14	112.21 9.21 -14.23	93.21 8.76 -1.96	86.20 7.29 -8.17	95.21 8.60 0.00	94.03 7.94 0.00
RIVERSDE_115KV_TB3 55908	63.31 2.13 0.00	80.97 2.75 0.00	66.42 2.36 0.00	57.88 2.04 0.00	58.60 2.09 0.00	46.59 1.48 0.00	47.29 1.61 0.00	60.56 2.35 0.00	60.57 2.34 0.00	44.80 1.60 0.00	60.12 2.23 0.00	74.00 2.77 0.00	63.59 2.38 0.00	71.46 2.74 0.00	73.21 3.05 0.00	85.19 3.53 -2.45	103.35 4.06 0.00	126.28 4.20 -10.79	122.42 4.35 -9.18	133.97 3.57 -41.63	91.71 3.49 -5.73	84.50 3.00 -10.76	90.22 3.61 0.00	89.86 3.77 0.00
ROARING___BROOK_WT_PWR 323790	60.29 -0.89 0.00	77.32 -0.90 0.00	63.48 -0.58 0.00	55.37 -0.48 0.00	55.93 -0.58 0.00	44.36 -0.75 0.00	44.60 -1.08 0.00	56.75 -1.45 0.00	56.90 -1.33 0.00	42.52 -0.67 0.00	56.96 -0.94 0.00	70.10 -1.12 0.00	60.11 -1.10 0.00	67.42 -1.30 0.00	68.71 -1.45 0.00	77.36 -1.85 0.00	96.86 -2.44 0.00	108.46 -2.82 0.00	106.18 -2.71 0.00	86.65 -2.12 0.00	80.59 -1.90 0.00	69.34 -1.41 0.00	84.84 -1.77 0.00	84.63 -1.46 0.00

ROCHESRG_115KV_T4 355643	57.26 -3.92 0.00	72.97 -5.26 0.00	59.53 -4.53 0.00	51.65 -4.20 0.00	52.68 -3.83 0.00	42.60 -2.50 0.00	43.27 -2.40 0.00	55.24 -2.96 0.00	55.33 -2.90 0.00	41.34 -1.86 0.00	55.15 -2.75 0.00	67.74 -3.48 0.00	58.06 -3.15 0.00	65.07 -3.65 0.00	66.30 -3.86 0.00	75.75 -4.02 -0.55	94.55 -4.75 0.00	105.83 -5.45 0.00	104.13 -4.77 0.00	84.59 -4.18 0.00	78.75 -3.74 0.00	68.51 -3.30 -1.07	83.63 -2.98 0.00	82.97 -3.11 0.00
ROCHESTER_9_IC 23652	57.63 -3.55 0.00	73.44 -4.79 0.00	59.89 -4.17 0.00	51.98 -3.86 0.00	53.02 -3.48 0.00	42.91 -2.20 0.00	43.59 -2.08 0.00	55.70 -2.51 0.00	55.77 -2.46 0.00	41.66 -1.53 0.00	55.56 -2.34 0.00	68.25 -2.97 0.00	58.49 -2.72 0.00	65.55 -3.17 0.00	66.80 -3.36 0.00	76.29 -3.41 -0.49	95.32 -3.97 0.00	107.23 -4.56 -0.51	105.42 -3.89 -0.42	87.18 -3.50 -1.90	79.67 -3.08 -0.26	69.06 -2.76 -1.08	84.25 -2.36 0.00	83.56 -2.53 0.00
ROCKVIEW_13_KV_LD 356306	64.86 3.68 0.00	82.70 4.47 0.00	67.88 3.82 0.00	59.07 3.23 0.00	59.79 3.29 0.00	47.82 2.71 0.00	48.96 3.28 0.00	63.16 4.95 0.00	63.16 4.93 0.00	46.66 3.46 0.00	66.46 5.40 -3.17	77.85 6.63 0.00	66.93 5.72 0.00	76.19 6.41 -1.06	76.83 6.67 0.00	88.56 7.56 -1.79	109.14 9.84 0.00	133.13 11.33 -10.52	122.75 10.72 -3.13	111.90 8.90 -14.22	92.80 8.36 -1.96	85.90 6.99 -8.17	94.88 8.27 0.00	93.75 7.66 0.00
ROME____115KV_TB2 80656	62.88 1.71 0.00	80.54 2.31 0.00	65.86 1.80 0.00	57.37 1.52 0.00	58.15 1.64 0.00	46.69 1.58 0.00	47.55 1.87 0.00	60.92 2.71 0.00	61.09 2.86 0.00	45.28 2.08 0.00	60.46 2.57 0.00	74.41 3.19 0.00	63.61 2.40 0.00	71.61 2.88 0.00	73.09 2.93 0.00	83.01 3.69 -0.10	104.37 5.07 0.00	116.96 5.67 0.00	114.54 5.65 0.00	93.29 4.51 0.00	86.52 4.03 0.00	74.39 3.20 -0.44	90.31 3.70 0.00	89.57 3.48 0.00
ROSETON___1 23587	64.14 2.97 0.00	81.83 3.61 0.00	67.20 3.14 0.00	58.49 2.64 0.00	59.19 2.68 0.00	47.30 2.19 0.00	48.34 2.66 0.00	62.26 4.06 0.00	62.26 4.03 0.00	46.01 2.81 0.00	62.29 4.39 0.00	76.57 5.35 0.00	65.81 4.60 0.00	73.88 5.16 0.00	75.57 5.41 0.00	87.16 6.18 -1.77	107.35 8.05 0.00	130.85 9.21 -10.35	120.75 8.75 -3.10	110.12 7.27 -14.08	91.24 6.81 -1.94	84.56 5.74 -8.08	93.41 6.80 0.00	92.42 6.33 0.00
ROSETON___2 23588	64.14 2.97 0.00	81.83 3.61 0.00	67.20 3.14 0.00	58.49 2.64 0.00	59.19 2.68 0.00	47.30 2.19 0.00	48.34 2.66 0.00	62.26 4.06 0.00	62.26 4.03 0.00	46.01 2.81 0.00	62.29 4.39 0.00	76.57 5.35 0.00	65.81 4.60 0.00	73.88 5.16 0.00	75.57 5.41 0.00	87.16 6.18 -1.77	107.35 8.05 0.00	130.85 9.21 -10.35	120.75 8.75 -3.10	110.12 7.27 -14.08	91.24 6.81 -1.94	84.56 5.74 -8.08	93.41 6.80 0.00	92.42 6.33 0.00
ROTTRDAM_115KV_TB3 80664	63.05 1.87 0.00	80.64 2.41 0.00	66.15 2.09 0.00	57.63 1.79 0.00	58.37 1.86 0.00	46.54 1.43 0.00	47.33 1.66 0.00	60.56 2.35 0.00	60.50 2.27 0.00	44.68 1.48 0.00	59.96 2.06 0.00	73.78 2.56 0.00	63.46 2.25 0.00	71.27 2.55 0.00	72.95 2.79 0.00	85.18 3.42 -2.55	103.75 4.45 0.00	134.73 5.04 -18.40	129.32 4.93 -15.49	163.08 4.06 -70.25	95.87 3.71 -9.67	85.09 3.13 -11.21	90.36 3.75 0.00	89.62 3.54 0.00
RUSSELL___1 23602	57.97 -3.21 0.00	73.87 -4.36 0.00	60.24 -3.82 0.00	52.27 -3.57 0.00	53.36 -3.15 0.00	43.18 -1.93 0.00	43.89 -1.79 0.00	56.09 -2.11 0.00	56.16 -2.06 0.00	41.94 -1.26 0.00	55.92 -1.98 0.00	68.69 -2.53 0.00	58.86 -2.35 0.00	65.98 -2.74 0.00	67.25 -2.91 0.00	76.82 -2.89 -0.49	96.00 -3.30 0.00	108.01 -3.78 -0.51	106.20 -3.11 -0.42	87.84 -2.84 -1.90	80.28 -2.47 -0.26	69.55 -2.28 -1.08	84.80 -1.81 0.00	84.08 -2.01 0.00
RUSSELL___2 23532	57.97 -3.21 0.00	73.87 -4.36 0.00	60.24 -3.82 0.00	52.27 -3.57 0.00	53.36 -3.15 0.00	43.18 -1.93 0.00	43.89 -1.79 0.00	56.09 -2.11 0.00	56.16 -2.06 0.00	41.94 -1.26 0.00	55.92 -1.98 0.00	68.69 -2.53 0.00	58.86 -2.35 0.00	65.98 -2.74 0.00	67.25 -2.91 0.00	76.82 -2.89 -0.49	96.00 -3.30 0.00	108.01 -3.78 -0.51	106.20 -3.11 -0.42	87.84 -2.84 -1.90	80.28 -2.47 -0.26	69.55 -2.28 -1.08	84.80 -1.81 0.00	84.08 -2.01 0.00
RUSSELL___3 23549	57.97 -3.21 0.00	73.87 -4.36 0.00	60.24 -3.82 0.00	52.27 -3.57 0.00	53.36 -3.15 0.00	43.18 -1.93 0.00	43.89 -1.79 0.00	56.09 -2.11 0.00	56.16 -2.06 0.00	41.94 -1.26 0.00	55.92 -1.98 0.00	68.69 -2.53 0.00	58.86 -2.35 0.00	65.98 -2.74 0.00	67.25 -2.91 0.00	76.82 -2.89 -0.49	96.00 -3.30 0.00	108.01 -3.78 -0.51	106.20 -3.11 -0.42	87.84 -2.84 -1.90	80.28 -2.47 -0.26	69.55 -2.28 -1.08	84.80 -1.81 0.00	84.08 -2.01 0.00
RUSSELL___4 23556	57.97 -3.21 0.00	73.87 -4.36 0.00	60.24 -3.82 0.00	52.27 -3.57 0.00	53.36 -3.15 0.00	43.18 -1.93 0.00	43.89 -1.79 0.00	56.09 -2.11 0.00	56.16 -2.06 0.00	41.94 -1.26 0.00	55.92 -1.98 0.00	68.69 -2.53 0.00	58.86 -2.35 0.00	65.98 -2.74 0.00	67.25 -2.91 0.00	76.82 -2.89 -0.49	96.00 -3.30 0.00	108.01 -3.78 -0.51	106.20 -3.11 -0.42	87.84 -2.84 -1.90	80.28 -2.47 -0.26	69.55 -2.28 -1.08	84.80 -1.81 0.00	84.08 -2.01 0.00
RUSSELL___STATION 23914	57.97 -3.21 0.00	73.87 -4.36 0.00	60.24 -3.82 0.00	52.27 -3.57 0.00	53.36 -3.15 0.00	43.18 -1.93 0.00	43.89 -1.79 0.00	56.09 -2.11 0.00	56.16 -2.06 0.00	41.94 -1.26 0.00	55.92 -1.98 0.00	68.69 -2.53 0.00	58.86 -2.35 0.00	65.98 -2.74 0.00	67.25 -2.91 0.00	76.82 -2.89 -0.49	96.00 -3.30 0.00	108.01 -3.78 -0.51	106.20 -3.11 -0.42	87.84 -2.84 -1.90	80.28 -2.47 -0.26	69.55 -2.28 -1.08	84.80 -1.81 0.00	84.08 -2.01 0.00
S SALMON___HYD 24043	59.18 -2.00 0.00	75.80 -2.43 0.00	61.94 -2.12 0.00	53.79 -2.06 0.00	54.59 -1.92 0.00	43.66 -1.45 0.00	44.39 -1.28 0.00	56.79 -1.42 0.00	56.90 -1.33 0.00	42.34 -0.85 0.00	56.91 -0.99 0.00	69.71 -1.51 0.00	59.69 -1.52 0.00	66.84 -1.89 0.00	68.16 -2.00 0.00	77.32 -2.03 -0.14	97.32 -1.98 0.00	109.18 -2.11 0.00	107.13 -1.76 0.00	87.25 -1.52 0.00	80.87 -1.62 0.00	69.76 -1.59 -0.61	84.70 -1.91 0.00	84.22 -1.87 0.00
S.PERRY__115KV_TB1 80734	59.03 -2.15 0.00	76.00 -3.21 -0.99	65.34 -3.00 -4.28	71.29 -2.78 -18.22	88.87 -2.29 -34.65	75.62 -0.91 -31.42	65.96 -1.30 -21.58	56.31 -1.90 0.00	56.59 -1.64 0.00	42.15 -1.05 0.00	55.77 -2.12 0.00	68.38 -3.38 -0.53	69.59 -3.69 -12.07	80.73 -4.26 -16.27	77.89 -4.38 -12.11	92.21 -4.47 -17.47	94.87 -4.43 0.00	107.43 -4.82 -0.96	105.42 -4.10 -0.62	109.79 -3.03 -24.05	158.53 0.84 -75.20	94.65 -0.56 -24.47	86.33 -0.28 0.00	85.36 -0.73 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	54.85 -6.32 0.00	69.55 -8.40 0.28	55.50 -7.35 1.20	43.94 -6.79 5.12	40.61 -6.16 9.74	32.18 -4.10 8.82	35.43 -4.18 6.06	52.89 -5.32 0.00	52.87 -5.36 0.00	39.48 -3.72 0.00	52.56 -5.33 0.00	64.38 -6.69 0.15	51.89 -5.87 3.45	57.39 -6.68 4.65	59.64 -7.06 3.46	64.38 -7.65 7.18	89.79 -9.50 0.00	101.03 -11.09 -0.84	99.53 -9.92 -0.56	76.67 -8.57 3.54	53.93 -7.52 21.04	59.03 -6.54 5.17	80.36 -6.25 0.00	79.74 -6.35 0.00

SAWYER___23_KV_LOAD 55526	54.85 -6.32 0.00	69.55 -8.40 0.28	55.50 -7.35 1.20	43.94 -6.79 5.12	40.61 -6.16 9.74	32.18 -4.10 8.82	35.43 -4.18 6.06	52.89 -5.32 0.00	52.87 -5.36 0.00	39.48 -3.72 0.00	52.56 -5.33 0.00	64.38 -6.69 0.15	51.89 -5.87 3.45	57.39 -6.68 4.65	59.64 -7.06 3.46	64.38 -7.65 7.18	89.79 -9.50 0.00	101.03 -11.09 -0.84	99.53 -9.92 -0.56	76.67 -8.57 3.54	53.93 -7.52 21.04	59.03 -6.54 5.17	80.36 -6.25 0.00	79.74 -6.35 0.00
SELKIRK___I 23801	63.19 2.01 0.00	80.91 2.69 0.00	66.37 2.31 0.00	57.84 1.99 0.00	58.59 2.08 0.00	46.51 1.40 0.00	47.22 1.54 0.00	60.37 2.16 0.00	60.26 2.03 0.00	44.47 1.28 0.00	59.76 1.87 0.00	73.56 2.34 0.00	63.21 2.00 0.00	71.05 2.32 0.00	72.79 2.63 0.00	84.64 3.03 -2.39	102.91 3.61 0.00	122.90 3.79 -7.82	119.41 3.91 -6.60	121.91 3.19 -29.95	89.75 3.14 -4.12	83.95 2.70 -10.50	89.94 3.33 0.00	89.57 3.48 0.00
SELKIRK___II 23799	63.00 1.82 0.00	80.60 2.37 0.00	66.13 2.07 0.00	57.62 1.78 0.00	58.34 1.84 0.00	46.35 1.24 0.00	47.07 1.40 0.00	60.25 2.04 0.00	60.25 2.02 0.00	44.55 1.35 0.00	59.83 1.93 0.00	73.62 2.40 0.00	63.27 2.06 0.00	71.08 2.36 0.00	72.79 2.63 0.00	84.61 2.97 -2.42	102.81 3.51 0.00	122.86 3.66 -7.92	119.62 3.80 -6.93	123.30 3.11 -31.42	89.91 3.10 -4.33	84.04 2.65 -10.64	89.88 3.27 0.00	89.45 3.36 0.00
SENECA OSWGO___HYD 24041	59.02 -2.15 0.00	75.40 -2.83 0.00	61.67 -2.39 0.00	53.71 -2.13 0.00	54.47 -2.04 0.00	43.68 -1.43 0.00	44.43 -1.25 0.00	56.69 -1.51 0.00	56.75 -1.48 0.00	42.11 -1.09 0.00	56.27 -1.63 0.00	69.08 -2.14 0.00	59.21 -2.00 0.00	66.67 -2.06 0.00	68.09 -2.07 0.00	77.26 -2.11 -0.15	96.88 -2.42 0.00	108.68 -2.60 0.00	106.48 -2.41 0.00	86.78 -1.99 0.00	80.57 -1.92 0.00	69.59 -1.82 -0.67	84.42 -2.18 0.00	83.77 -2.32 0.00
SENECA___115KV_TB3 355854	55.71 -5.47 0.00	70.69 -7.24 0.29	56.31 -6.50 1.25	44.47 -6.04 5.34	40.95 -5.36 10.19	32.54 -3.38 9.19	36.01 -3.37 6.30	53.96 -4.25 0.00	53.89 -4.34 0.00	40.03 -3.17 0.00	53.30 -4.59 0.00	65.26 -5.79 0.16	52.53 -5.09 3.60	58.10 -5.77 4.85	60.45 -6.10 3.61	65.50 -6.53 7.18	91.13 -8.17 0.00	102.60 -9.56 -0.88	101.01 -8.47 -0.58	77.69 -7.42 3.68	54.12 -6.44 21.92	59.58 -5.78 5.38	81.15 -5.46 0.00	80.43 -5.66 0.00
SENECA___ENERGY 23797	59.42 -1.75 0.00	75.89 -2.40 -0.07	62.05 -2.30 -0.30	55.03 -2.07 -1.26	57.07 -1.83 -2.39	46.44 -0.83 -2.17	46.61 -0.55 -1.49	57.82 -0.38 0.00	58.05 -0.18 0.00	43.07 -0.13 0.00	57.40 -0.50 0.00	70.44 -0.82 -0.04	61.24 -0.80 -0.83	68.80 -1.05 -1.12	69.92 -1.07 -0.83	79.86 -0.85 -1.50	98.59 -0.70 0.00	111.00 -0.87 -0.58	108.88 -0.50 -0.48	91.75 -0.66 -3.64	87.22 -0.72 -5.46	72.58 -0.95 -2.78	85.77 -0.83 0.00	85.14 -0.94 0.00
SHOEMAKER___GT 23640	63.78 2.61 0.00	81.41 3.19 0.00	66.83 2.78 0.00	58.19 2.34 0.00	58.88 2.37 0.00	47.07 1.96 0.00	48.09 2.42 0.00	61.87 3.67 0.00	61.85 3.62 0.00	45.65 2.45 0.00	58.51 3.76 3.15	75.76 4.54 0.00	65.10 3.89 0.00	72.00 4.33 1.05	74.76 4.61 0.00	86.22 5.38 -1.62	106.47 7.17 0.00	128.72 8.25 -9.18	119.61 7.84 -2.87	108.31 6.50 -13.04	90.36 6.08 -1.79	83.33 5.13 -7.46	92.64 6.03 0.00	91.66 5.58 0.00
SHOEMAKR_138KV_BK 111 55601	63.72 2.55 0.00	81.33 3.10 0.00	66.77 2.71 0.00	58.13 2.28 0.00	58.83 2.32 0.00	47.03 1.92 0.00	48.04 2.36 0.00	61.81 3.60 0.00	61.78 3.56 0.00	45.62 2.42 0.00	58.63 3.74 3.01	75.74 4.52 0.00	65.09 3.88 0.00	72.04 4.32 1.00	74.76 4.60 0.00	86.14 5.32 -1.61	106.37 7.07 0.00	128.51 8.14 -9.09	119.45 7.70 -2.86	108.12 6.39 -12.95	90.29 6.02 -1.78	83.21 5.05 -7.41	92.54 5.93 0.00	91.57 5.48 0.00
SHOREHAM_IC_1 23715	67.05 5.86 -0.01	85.40 7.16 -0.01	69.71 5.65 0.00	60.66 4.82 0.00	65.41 5.11 -3.79	49.37 4.26 -0.01	50.59 4.88 -0.04	65.14 6.93 -0.01	64.66 6.43 0.00	47.17 3.97 0.00	68.77 6.58 -4.30	78.69 8.13 0.67	69.71 7.04 -1.45	75.96 7.60 0.36	76.87 7.98 1.27	90.01 9.01 -1.79	111.88 12.58 0.00	136.72 14.92 -10.52	126.49 14.46 -3.14	115.58 12.55 -14.26	96.85 11.51 -2.85	98.92 9.59 -18.59	132.12 11.42 -34.09	118.66 11.09 -21.47
SHOREHAM_IC_2 23716	67.05 5.86 -0.01	85.40 7.16 -0.01	69.71 5.65 0.00	60.66 4.82 0.00	65.41 5.11 -3.79	49.37 4.26 -0.01	50.59 4.88 -0.04	65.14 6.93 -0.01	64.66 6.43 0.00	47.17 3.97 0.00	68.77 6.58 -4.30	78.69 8.13 0.67	69.71 7.04 -1.45	75.96 7.60 0.36	76.87 7.98 1.27	90.01 9.01 -1.79	111.88 12.58 0.00	136.72 14.92 -10.52	126.49 14.46 -3.14	115.58 12.55 -14.26	96.85 11.51 -2.85	98.92 9.59 -18.59	132.12 11.42 -34.09	118.66 11.09 -21.47
SISSONVILLE___ 23735	61.03 -0.14 0.00	78.25 0.02 0.00	63.97 -0.09 0.00	55.76 -0.09 0.00	56.14 -0.37 0.00	44.34 -0.77 0.00	44.11 -1.57 0.00	55.91 -2.30 0.00	55.91 -2.32 0.00	41.59 -1.60 0.00	55.42 -2.47 0.00	68.04 -3.18 0.00	58.50 -2.71 0.00	65.54 -3.19 0.00	66.95 -3.21 0.00	75.31 -3.90 0.00	94.52 -4.77 0.00	104.42 -6.86 0.00	102.55 -6.34 0.00	83.58 -5.20 0.00	77.76 -4.73 0.00	67.90 -2.84 0.00	83.60 -3.01 0.00	84.38 -1.71 0.00
SITHE_IND_GS1 24169	58.47 -2.71 0.00	74.70 -3.53 0.00	61.11 -2.95 0.00	53.23 -2.61 0.00	53.96 -2.55 0.00	43.25 -1.86 0.00	43.94 -1.74 0.00	56.00 -2.21 0.00	56.05 -2.18 0.00	41.63 -1.56 0.00	55.70 -2.20 0.00	68.46 -2.76 0.00	58.79 -2.42 0.00	65.99 -2.73 0.00	67.41 -2.75 0.00	76.44 -2.94 -0.17	95.74 -3.55 0.00	107.29 -3.99 0.00	105.09 -3.80 0.00	85.61 -3.16 0.00	79.53 -2.96 0.00	68.61 -2.63 -0.49	83.51 -3.10 0.00	82.91 -3.18 0.00
SITHE_IND_GS2 24170	58.47 -2.71 0.00	74.70 -3.53 0.00	61.11 -2.95 0.00	53.23 -2.61 0.00	53.96 -2.55 0.00	43.25 -1.86 0.00	43.94 -1.74 0.00	56.00 -2.21 0.00	56.05 -2.18 0.00	41.63 -1.56 0.00	55.70 -2.20 0.00	68.46 -2.76 0.00	58.79 -2.42 0.00	65.99 -2.73 0.00	67.41 -2.75 0.00	76.44 -2.94 -0.17	95.74 -3.55 0.00	107.29 -3.99 0.00	105.09 -3.80 0.00	85.61 -3.16 0.00	79.53 -2.96 0.00	68.61 -2.63 -0.49	83.51 -3.10 0.00	82.91 -3.18 0.00
SITHE_IND_GS3 24171	58.47 -2.71 0.00	74.70 -3.53 0.00	61.11 -2.95 0.00	53.23 -2.61 0.00	53.96 -2.55 0.00	43.25 -1.86 0.00	43.94 -1.74 0.00	56.00 -2.21 0.00	56.05 -2.18 0.00	41.63 -1.56 0.00	55.70 -2.20 0.00	68.46 -2.76 0.00	58.79 -2.42 0.00	65.99 -2.73 0.00	67.41 -2.75 0.00	76.44 -2.94 -0.17	95.74 -3.55 0.00	107.29 -3.99 0.00	105.09 -3.80 0.00	85.61 -3.16 0.00	79.53 -2.96 0.00	68.61 -2.63 -0.49	83.51 -3.10 0.00	82.91 -3.18 0.00
SITHE_IND_GS4 24172	58.47 -2.71 0.00	74.70 -3.53 0.00	61.11 -2.95 0.00	53.23 -2.61 0.00	53.96 -2.55 0.00	43.25 -1.86 0.00	43.94 -1.74 0.00	56.00 -2.21 0.00	56.05 -2.18 0.00	41.63 -1.56 0.00	55.70 -2.20 0.00	68.46 -2.76 0.00	58.79 -2.42 0.00	65.99 -2.73 0.00	67.41 -2.75 0.00	76.44 -2.94 -0.17	95.74 -3.55 0.00	107.29 -3.99 0.00	105.09 -3.80 0.00	85.61 -3.16 0.00	79.53 -2.96 0.00	68.61 -2.63 -0.49	83.51 -3.10 0.00	82.91 -3.18 0.00

SITHE___BATAVIA 24024	57.03 -4.15 0.00	72.43 -5.65 0.14	58.42 -5.04 0.60	48.59 -4.64 2.61	47.61 -3.86 5.04	38.36 -2.27 4.48	40.45 -2.16 3.06	55.50 -2.70 0.00	55.48 -2.75 0.00	41.34 -1.85 0.00	54.84 -3.06 0.00	67.26 -3.88 0.08	56.05 -3.38 1.78	62.14 -4.18 2.40	64.18 -4.19 1.79	71.25 -4.47 3.50	94.20 -5.09 0.00	106.21 -5.66 -0.59	104.68 -4.70 -0.49	83.65 -4.21 0.92	68.44 -3.31 10.74	65.36 -3.23 2.15	83.93 -2.68 0.00	83.24 -2.85 0.00
SITHE___INDEPEND 23800	58.46 -2.72 0.00	74.69 -3.53 0.00	61.11 -2.95 0.00	53.23 -2.61 0.00	53.96 -2.55 0.00	43.25 -1.86 0.00	43.94 -1.74 0.00	56.00 -2.21 0.00	56.05 -2.18 0.00	41.64 -1.56 0.00	55.70 -2.20 0.00	68.45 -2.77 0.00	58.80 -2.41 0.00	66.00 -2.73 0.00	67.40 -2.75 0.00	76.44 -2.94 -0.17	95.74 -3.56 0.00	107.29 -3.99 0.00	105.10 -3.80 0.00	85.61 -3.17 0.00	79.52 -2.96 0.00	68.60 -2.64 -0.49	83.51 -3.10 0.00	82.90 -3.19 0.00
SITHE___MASSENA 23902	61.58 0.40 0.00	78.84 0.62 0.00	64.45 0.40 0.00	56.16 0.31 0.00	56.75 0.24 0.00	45.17 0.06 0.00	45.28 -0.40 0.00	57.31 -0.90 0.00	57.31 -0.92 0.00	42.62 -0.57 0.00	56.85 -1.05 0.00	69.92 -1.29 0.00	60.13 -1.08 0.00	67.48 -1.24 0.00	68.85 -1.31 0.00	77.39 -1.83 0.00	96.86 -2.43 0.00	107.23 -4.06 0.00	105.17 -3.73 0.00	85.69 -3.09 0.00	79.71 -2.78 0.00	68.96 -1.79 0.00	84.42 -2.19 0.00	84.77 -1.31 0.00
SITHE___OGDNSBRG 24021	62.49 1.31 0.00	80.06 1.84 0.00	65.39 1.33 0.00	56.99 1.14 0.00	57.52 1.01 0.00	45.69 0.58 0.00	45.73 0.05 0.00	57.88 -0.33 0.00	57.80 -0.43 0.00	42.90 -0.30 0.00	56.80 -1.10 0.00	69.59 -1.63 0.00	59.93 -1.28 0.00	67.13 -1.59 0.00	68.80 -1.36 0.00	77.49 -1.72 0.00	97.48 -1.81 0.00	108.01 -3.28 0.00	105.97 -2.92 0.00	86.34 -2.44 0.00	80.29 -2.20 0.00	69.64 -1.10 0.00	85.39 -1.22 0.00	85.92 -0.17 0.00
SITHE___STERLING 23777	62.41 1.23 0.00	79.92 1.70 0.00	65.35 1.29 0.00	56.94 1.09 0.00	57.76 1.25 0.00	46.38 1.27 0.00	47.24 1.56 0.00	60.45 2.24 0.00	60.53 2.30 0.00	44.85 1.66 0.00	59.83 1.94 0.00	73.55 2.33 0.00	62.97 1.76 0.00	70.95 2.23 0.00	72.42 2.26 0.00	82.17 2.83 -0.12	103.25 3.96 0.00	115.73 4.45 0.00	113.33 4.43 0.00	92.24 3.46 0.00	85.60 3.11 0.00	73.73 2.46 -0.52	89.49 2.88 0.00	88.73 2.64 0.00
SLEIGHT__34_KV_TB1 80719	58.58 -2.60 0.00	74.71 -3.51 0.00	60.95 -3.11 0.00	52.99 -2.86 0.00	53.96 -2.55 0.00	43.62 -1.49 0.00	44.41 -1.27 0.00	56.79 -1.42 0.00	56.93 -1.30 0.00	42.38 -0.82 0.00	56.44 -1.45 0.00	69.30 -1.92 0.00	59.45 -1.76 0.00	66.77 -1.95 0.00	68.09 -2.07 0.00	77.73 -1.94 -0.45	97.21 -2.09 0.00	109.41 -2.38 -0.51	107.40 -1.91 -0.42	88.81 -1.87 -1.90	80.91 -1.84 -0.26	70.02 -1.80 -1.08	84.99 -1.62 0.00	84.30 -1.79 0.00
SOUTH CAIRO___GT 23612	65.71 4.53 0.00	84.02 5.79 0.00	68.88 4.82 0.00	60.05 4.21 0.00	60.90 4.39 0.00	48.48 3.38 0.00	49.37 3.69 0.00	63.33 5.12 0.00	63.18 4.94 0.00	46.09 2.90 0.00	61.59 3.69 0.00	75.89 4.67 0.00	65.20 3.99 0.00	73.37 4.65 0.00	75.57 5.41 -2.23	88.03 6.59 0.00	107.78 8.48 0.00	130.01 10.06 -8.66	125.34 10.06 -6.38	125.67 7.96 -28.93	94.13 7.67 -3.98	87.17 6.37 -10.06	94.28 7.67 0.00	93.88 7.78 0.00
SOUTH HAMPTN___IC 23720	67.26 6.08 -0.01	85.61 7.37 -0.01	69.76 5.71 0.00	60.74 4.90 0.00	65.49 5.20 -3.79	49.41 4.30 -0.01	50.64 4.93 -0.04	65.17 6.96 -0.01	64.66 6.43 0.00	47.12 3.93 0.00	68.65 6.52 -4.24	78.66 8.13 0.68	69.65 7.02 -1.43	75.84 7.50 0.39	76.75 7.87 1.28	89.97 8.97 -1.79	111.93 12.64 0.00	136.80 15.00 -10.52	126.57 14.54 -3.14	115.64 12.60 -14.26	96.89 11.55 -2.85	98.91 9.58 -18.59	132.11 11.40 -34.10	118.59 11.05 -21.45
SOUTHDOW_115KV_TB1 355954	57.12 -4.06 0.00	72.93 -5.14 0.16	58.56 -4.79 0.70	48.53 -4.30 3.01	47.26 -3.50 5.75	38.20 -1.73 5.18	40.36 -1.76 3.55	55.94 -2.27 0.00	55.66 -2.57 0.00	41.09 -2.10 0.00	54.96 -2.94 0.00	67.57 -3.56 0.09	56.19 -2.98 2.04	62.76 -3.22 2.74	65.02 -3.09 2.04	71.24 -3.27 4.70	94.78 -4.51 0.00	106.88 -5.36 -0.96	104.80 -4.73 -0.63	82.98 -5.08 0.71	66.04 -4.21 12.23	63.99 -4.44 2.31	82.43 -4.18 0.00	81.25 -4.84 0.00
SOUTHOLD_69_KV_BK 2 55809	67.49 6.30 -0.01	85.81 7.57 -0.01	69.65 5.59 0.00	60.70 4.86 0.00	65.48 5.18 -3.79	49.30 4.19 -0.01	50.56 4.85 -0.04	64.99 6.78 -0.01	64.43 6.20 0.00	46.86 3.66 0.00	68.19 6.05 -4.24	78.24 7.70 0.68	69.25 6.61 -1.43	75.29 6.95 0.38	76.16 7.28 1.28	89.43 8.43 -1.79	111.51 12.21 0.00	136.51 14.70 -10.52	126.30 14.26 -3.14	115.40 12.37 -14.26	96.63 11.30 -2.85	98.66 9.32 -18.59	131.77 11.06 -34.10	118.08 10.54 -21.45
SOUTHOLD___IC 23719	67.50 6.31 -0.01	85.81 7.57 -0.01	69.65 5.59 0.00	60.70 4.86 0.00	65.46 5.16 -3.79	49.30 4.19 -0.01	50.54 4.82 -0.04	64.97 6.76 -0.01	64.43 6.20 0.00	46.85 3.66 0.00	68.19 6.05 -4.24	78.26 7.73 0.68	69.27 6.63 -1.43	75.31 6.97 0.38	76.16 7.29 1.28	89.45 8.45 -1.79	111.50 12.21 0.00	136.50 14.70 -10.52	126.30 14.27 -3.14	115.39 12.35 -14.26	96.61 11.27 -2.85	98.61 9.27 -18.59	131.65 10.95 -34.10	118.07 10.54 -21.45
SOUTH_FORK_WT_PWR 323839	67.07 5.88 -0.01	85.19 6.95 -0.01	68.94 4.88 0.00	60.12 4.28 0.00	64.84 4.54 -3.79	48.70 3.59 -0.01	49.92 4.20 -0.04	64.08 5.86 -0.01	63.52 5.29 0.00	46.16 2.97 0.00	67.33 5.19 -4.24	77.27 6.73 0.68	68.43 5.79 -1.43	74.25 5.91 0.38	75.03 6.16 1.28	88.19 7.18 -1.79	110.00 10.70 0.00	134.81 13.01 -10.52	124.65 12.61 -3.14	114.06 11.02 -14.26	95.35 10.01 -2.85	97.51 8.17 -18.59	130.30 9.59 -34.10	116.74 9.21 -21.45
SPIERFLS_115KV_TB 1 80737	64.66 3.48 0.00	82.63 4.40 0.00	67.72 3.66 0.00	59.01 3.16 0.00	59.83 3.32 0.00	48.00 2.89 0.00	49.08 3.41 0.00	62.93 4.73 0.00	62.80 4.57 0.00	46.18 2.98 0.00	61.86 3.97 0.00	76.18 4.96 0.00	65.36 4.15 0.00	73.50 4.78 0.00	75.53 5.38 0.00	88.45 6.72 -2.52	108.02 8.73 0.00	138.47 9.85 -17.34	133.02 9.60 -14.52	162.59 7.96 -65.85	98.72 7.17 -9.07	87.73 5.89 -11.10	93.37 6.76 0.00	92.31 6.22 0.00
ST LAWRENCE____ 23600	61.00 -0.18 0.00	78.07 -0.15 0.00	63.91 -0.15 0.00	55.76 -0.09 0.00	56.25 -0.26 0.00	44.81 -0.29 0.00	45.00 -0.68 0.00	57.01 -1.20 0.00	56.98 -1.25 0.00	42.39 -0.80 0.00	56.61 -1.29 0.00	69.66 -1.56 0.00	59.93 -1.28 0.00	67.26 -1.46 0.00	68.57 -1.59 0.00	77.05 -2.16 0.00	96.38 -2.92 0.00	107.68 -3.60 0.00	105.34 -3.56 0.00	85.91 -2.86 0.00	79.80 -2.68 0.00	68.75 -2.00 0.00	84.06 -2.55 0.00	84.03 -2.06 0.00
STATE_CA_115KV_115_LB 55624	63.37 2.20 0.00	81.05 2.83 0.00	66.50 2.44 0.00	57.94 2.09 0.00	58.66 2.16 0.00	46.65 1.54 0.00	47.37 1.69 0.00	60.67 2.46 0.00	60.66 2.43 0.00	44.86 1.67 0.00	60.23 2.33 0.00	74.16 2.94 0.00	63.73 2.52 0.00	71.61 2.88 0.00	73.36 3.20 0.00	85.31 3.64 -2.46	103.48 4.18 0.00	127.71 4.34 -12.09	123.69 4.55 -10.25	138.94 3.69 -46.47	92.55 3.66 -6.40	84.71 3.13 -10.83	90.38 3.77 0.00	90.02 3.93 0.00

STATE_ST_34_KV_LOAD 55959	60.85 -0.33 0.00	77.76 -0.47 0.00	63.39 -0.67 0.00	55.22 -0.62 0.00	56.11 -0.40 0.00	45.26 0.15 0.00	45.99 0.32 0.00	58.79 0.59 0.00	59.16 0.93 0.00	43.86 0.66 0.00	58.38 0.48 0.00	71.45 0.23 0.00	61.32 0.11 0.00	69.13 0.41 0.00	70.52 0.36 0.00	80.35 0.86 -0.27	100.75 1.46 0.00	113.61 1.74 -0.58	111.32 1.94 -0.48	92.33 1.38 -2.17	83.65 0.87 -0.30	72.35 0.41 -1.20	87.27 0.67 0.00	86.56 0.47 0.00
STATION 5_MISC_HYD 23604	57.63 -3.55 0.00	73.44 -4.78 0.00	59.90 -4.16 0.00	52.00 -3.84 0.00	53.07 -3.44 0.00	42.93 -2.18 0.00	43.62 -2.06 0.00	55.71 -2.49 0.00	55.77 -2.46 0.00	41.66 -1.53 0.00	55.56 -2.34 0.00	68.26 -2.96 0.00	58.49 -2.72 0.00	65.57 -3.15 0.00	66.84 -3.32 0.00	76.28 -3.42 -0.49	95.37 -3.93 0.00	107.24 -4.55 -0.51	105.42 -3.89 -0.42	87.18 -3.50 -1.90	79.75 -2.99 -0.26	69.09 -2.73 -1.08	84.22 -2.39 0.00	83.57 -2.52 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	59.17 -2.01 0.00	75.42 -2.80 0.00	61.49 -2.56 0.00	53.44 -2.40 0.00	54.48 -2.03 0.00	44.15 -0.96 0.00	44.99 -0.69 0.00	57.56 -0.65 0.00	57.67 -0.56 0.00	42.89 -0.30 0.00	57.10 -0.79 0.00	70.14 -1.09 0.00	60.10 -1.12 0.00	67.42 -1.30 0.00	68.74 -1.42 0.00	78.51 -1.10 -0.39	98.22 -1.07 0.00	110.51 -1.30 -0.52	108.49 -0.84 -0.43	89.72 -1.01 -1.96	81.84 -0.91 -0.27	70.83 -1.01 -1.10	85.98 -0.63 0.00	85.27 -0.82 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	57.46 -3.72 0.00	73.24 -4.98 0.00	59.76 -4.30 0.00	51.87 -3.97 0.00	52.91 -3.60 0.00	42.78 -2.32 0.00	43.50 -2.18 0.00	55.57 -2.64 0.00	55.65 -2.58 0.00	41.55 -1.64 0.00	55.42 -2.47 0.00	68.10 -3.12 0.00	58.35 -2.86 0.00	65.42 -3.30 0.00	66.68 -3.48 0.00	76.10 -3.57 -0.46	95.14 -4.16 0.00	106.50 -4.79 0.00	104.79 -4.11 0.00	85.09 -3.69 0.00	79.19 -3.30 0.00	68.86 -2.95 -1.07	83.91 -2.70 0.00	83.24 -2.85 0.00
STA_56___34_KV_BUS2 355983	57.46 -3.72 0.00	73.24 -4.98 0.00	59.76 -4.30 0.00	51.87 -3.97 0.00	52.91 -3.60 0.00	42.78 -2.32 0.00	43.50 -2.18 0.00	55.57 -2.64 0.00	55.65 -2.58 0.00	41.55 -1.64 0.00	55.42 -2.47 0.00	68.10 -3.12 0.00	58.35 -2.86 0.00	65.42 -3.30 0.00	66.68 -3.48 0.00	76.10 -3.57 -0.46	95.14 -4.16 0.00	106.50 -4.79 0.00	104.79 -4.11 0.00	85.09 -3.69 0.00	79.19 -3.30 0.00	68.86 -2.95 -1.07	83.91 -2.70 0.00	83.24 -2.85 0.00
STA_67___115KV_BK2 355882	57.47 -3.71 0.00	73.24 -4.98 0.00	59.74 -4.32 0.00	51.85 -4.00 0.00	52.90 -3.60 0.00	42.78 -2.32 0.00	43.46 -2.21 0.00	55.52 -2.69 0.00	55.59 -2.64 0.00	41.53 -1.66 0.00	55.39 -2.51 0.00	68.04 -3.18 0.00	58.31 -2.90 0.00	65.36 -3.37 0.00	66.60 -3.56 0.00	76.06 -3.66 -0.50	95.00 -4.29 0.00	106.88 -4.91 -0.51	105.10 -4.22 -0.42	86.90 -3.78 -1.90	79.42 -3.33 -0.26	68.85 -2.97 -1.08	84.01 -2.60 0.00	83.32 -2.77 0.00
STA_7___115KV_9TRANS 80674	57.97 -3.21 0.00	73.87 -4.36 0.00	60.24 -3.82 0.00	52.27 -3.57 0.00	53.36 -3.15 0.00	43.18 -1.93 0.00	43.89 -1.79 0.00	56.09 -2.11 0.00	56.16 -2.06 0.00	41.94 -1.26 0.00	55.92 -1.98 0.00	68.69 -2.53 0.00	58.86 -2.35 0.00	65.98 -2.74 0.00	67.25 -2.91 0.00	76.82 -2.89 -0.49	96.00 -3.30 0.00	108.01 -3.78 -0.51	106.20 -3.11 -0.42	87.84 -2.84 -1.90	80.28 -2.47 -0.26	69.55 -2.28 -1.08	84.80 -1.81 0.00	84.08 -2.01 0.00
STA_82___115KV_TB1 80780	57.51 -3.67 0.00	73.28 -4.94 0.00	59.78 -4.28 0.00	51.87 -3.97 0.00	52.91 -3.60 0.00	42.83 -2.29 -0.01	43.51 -2.18 -0.01	55.55 -2.66 0.00	55.64 -2.59 0.00	41.55 -1.64 0.00	55.41 -2.49 0.00	68.07 -3.15 0.00	58.32 -2.89 0.00	65.37 -3.35 0.00	66.63 -3.53 0.00	76.02 -3.64 -0.44	95.06 -4.23 0.00	106.93 -4.86 -0.51	105.16 -4.16 -0.42	86.98 -3.72 -1.92	79.49 -3.26 -0.26	68.92 -2.91 -1.09	84.05 -2.56 0.00	83.37 -2.72 0.00
STEEL___WIND 323596	55.61 -5.57 0.00	70.55 -7.39 0.29	56.21 -6.60 1.25	44.42 -6.09 5.34	40.92 -5.40 10.19	32.51 -3.41 9.19	35.95 -3.43 6.30	53.87 -4.34 0.00	53.79 -4.44 0.00	39.95 -3.25 0.00	53.19 -4.71 0.00	65.14 -5.92 0.16	52.43 -5.18 3.60	58.01 -5.87 4.85	60.34 -6.21 3.61	65.35 -6.68 7.18	90.97 -8.32 0.00	102.38 -9.79 -0.88	100.75 -8.73 -0.58	77.48 -7.63 3.68	54.07 -6.49 21.92	59.46 -5.89 5.38	80.92 -5.68 0.00	80.24 -5.85 0.00
STEPHTWN_115KV_BK_2 55603	63.83 2.65 0.00	81.50 3.28 0.00	66.86 2.80 0.00	58.26 2.42 0.00	59.03 2.52 0.00	47.07 1.97 0.00	47.75 2.08 0.00	61.22 3.01 0.00	61.13 2.90 0.00	45.13 1.94 0.00	60.54 2.64 0.00	74.74 3.52 0.00	64.23 3.02 0.00	72.14 3.41 0.00	73.90 3.74 0.00	85.99 4.35 -2.43	104.47 5.17 0.00	126.25 5.48 -9.49	122.73 5.68 -8.15	130.34 4.58 -36.98	92.18 4.60 -5.09	85.32 3.87 -10.70	91.29 4.68 0.00	91.01 4.92 0.00
STEBEN_REC_LFGE 323667	56.33 -4.85 0.00	72.14 -6.76 -0.68	61.08 -5.92 -2.95	63.13 -5.27 -12.55	75.48 -4.90 -23.87	64.15 -2.60 -21.65	58.46 -2.09 -14.87	55.79 -2.41 0.00	55.91 -2.33 0.00	41.50 -1.69 0.00	54.86 -3.04 0.00	67.05 -4.54 -0.37	65.38 -4.14 -8.31	75.02 -4.91 -11.20	73.76 -4.74 -8.34	86.63 -4.28 -11.69	94.60 -4.69 0.00	107.09 -5.43 -1.24	104.77 -4.93 -0.81	102.64 -4.41 -18.28	130.88 -3.64 -52.04	84.38 -4.11 -17.75	81.60 -5.01 0.00	80.62 -5.47 0.00
STILLWATER___SOLAR 323814	64.42 3.25 0.00	82.37 4.15 0.00	67.52 3.47 0.00	58.84 3.00 0.00	59.62 3.11 0.00	47.70 2.59 0.00	48.60 2.93 0.00	62.25 4.04 0.00	62.13 3.90 0.00	45.75 2.55 0.00	61.30 3.41 0.00	75.48 4.26 0.00	64.88 3.66 0.00	73.01 4.29 0.00	74.86 4.70 0.00	87.48 5.76 -2.51	106.77 7.47 0.00	136.52 8.43 -16.81	131.18 8.25 -14.03	159.20 6.77 -63.65	97.40 6.15 -8.76	86.91 5.13 -11.04	92.67 6.06 0.00	91.79 5.70 0.00
STONY___BROOK 24151	66.69 5.50 -0.01	85.02 6.78 -0.01	69.48 5.42 0.00	60.43 4.59 0.00	65.16 4.87 -3.78	49.18 4.07 -0.01	50.42 4.71 -0.04	64.93 6.72 -0.01	64.53 6.30 0.00	47.21 4.01 0.00	68.96 6.66 -4.40	78.87 8.28 0.63	69.87 7.16 -1.50	76.12 7.73 0.33	76.96 8.05 1.24	90.02 9.02 -1.79	111.64 12.34 0.00	136.16 14.36 -10.52	125.89 13.86 -3.14	115.20 12.16 -14.26	96.53 11.19 -2.85	98.69 9.36 -18.58	131.87 11.21 -34.05	118.42 10.81 -21.52
STURGEON_POOL_HYD 23609	66.49 5.32 0.00	84.75 6.52 0.00	69.57 5.51 0.00	60.53 4.68 0.00	61.32 4.81 0.00	49.16 4.05 0.00	50.47 4.79 0.00	65.21 7.00 0.00	65.16 6.93 0.00	47.90 4.71 0.00	64.67 6.77 0.00	79.31 8.09 0.00	68.24 7.03 0.00	76.68 7.95 0.00	78.56 8.40 0.00	90.97 9.92 -1.84	112.78 13.48 0.00	136.48 15.69 -9.51	127.97 15.20 -3.87	118.80 12.45 -17.57	96.42 11.52 -2.42	88.66 9.53 -8.38	97.80 11.19 0.00	96.42 10.33 0.00
ST_LAW_115_BK7_LBMP 345037	61.01 -0.17 0.00	78.11 -0.11 0.00	63.94 -0.12 0.00	55.78 -0.07 0.00	56.28 -0.23 0.00	44.82 -0.29 0.00	44.96 -0.71 0.00	56.94 -1.27 0.00	56.91 -1.31 0.00	42.34 -0.85 0.00	56.52 -1.38 0.00	69.56 -1.66 0.00	59.84 -1.37 0.00	67.14 -1.58 0.00	68.45 -1.71 0.00	76.90 -2.31 0.00	96.20 -3.10 0.00	107.36 -3.93 0.00	105.05 -3.85 0.00	85.66 -3.12 0.00	79.59 -2.90 0.00	68.60 -2.14 0.00	83.89 -2.72 0.00	83.94 -2.15 0.00

ST_LAW_115_BK8_LBMP 345038	61.01 -0.17 0.00	78.11 -0.11 0.00	63.94 -0.12 0.00	55.78 -0.07 0.00	56.28 -0.23 0.00	44.82 -0.29 0.00	44.96 -0.71 0.00	56.94 -1.27 0.00	56.91 -1.31 0.00	42.34 -0.85 0.00	56.52 -1.38 0.00	69.56 -1.66 0.00	59.84 -1.37 0.00	67.14 -1.58 0.00	68.45 -1.71 0.00	76.90 -2.31 0.00	96.20 -3.10 0.00	107.36 -3.93 0.00	105.05 -3.85 0.00	85.66 -3.12 0.00	79.59 -2.90 0.00	68.60 -2.14 0.00	83.89 -2.72 0.00	83.94 -2.15 0.00
ST_LAW_230_BK5_LBMP 345035	61.00 -0.18 0.00	78.07 -0.15 0.00	63.91 -0.15 0.00	55.76 -0.09 0.00	56.25 -0.26 0.00	44.81 -0.29 0.00	45.00 -0.68 0.00	57.01 -1.20 0.00	56.98 -1.25 0.00	42.39 -0.80 0.00	56.61 -1.29 0.00	69.66 -1.56 0.00	59.93 -1.28 0.00	67.26 -1.46 0.00	68.57 -1.59 0.00	77.05 -2.16 0.00	96.38 -2.92 0.00	107.68 -3.60 0.00	105.34 -3.56 0.00	85.91 -2.86 0.00	79.80 -2.68 0.00	68.75 -2.00 0.00	84.06 -2.55 0.00	84.03 -2.06 0.00
ST_LAW_230_BK6_LBMP 345036	61.00 -0.18 0.00	78.07 -0.15 0.00	63.91 -0.15 0.00	55.76 -0.09 0.00	56.25 -0.26 0.00	44.81 -0.29 0.00	45.00 -0.68 0.00	57.01 -1.20 0.00	56.98 -1.25 0.00	42.39 -0.80 0.00	56.61 -1.29 0.00	69.66 -1.56 0.00	59.93 -1.28 0.00	67.26 -1.46 0.00	68.57 -1.59 0.00	77.05 -2.16 0.00	96.38 -2.92 0.00	107.68 -3.60 0.00	105.34 -3.56 0.00	85.91 -2.86 0.00	79.80 -2.68 0.00	68.75 -2.00 0.00	84.06 -2.55 0.00	84.03 -2.06 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	63.86 2.69 0.00	81.48 3.26 0.00	66.94 2.89 0.00	58.27 2.43 0.00	58.96 2.45 0.00	47.14 2.03 0.00	48.19 2.51 0.00	62.04 3.84 0.00	62.05 3.83 0.00	45.83 2.64 0.00	58.38 4.10 3.61	76.22 5.00 0.00	65.49 4.28 0.00	72.31 4.79 1.20	75.19 5.03 0.00	86.66 5.78 -1.66	106.91 7.61 0.00	129.55 8.78 -9.48	120.12 8.29 -2.94	109.00 6.90 -13.33	90.80 6.48 -1.83	83.79 5.42 -7.62	92.94 6.34 0.00	91.96 5.88 0.00
SWANROAD_115KV_TB1 355699	53.45 -7.73 0.00	67.77 -10.24 0.22	54.31 -8.85 0.91	43.89 -8.00 3.96	41.65 -7.14 7.71	33.40 -4.96 6.75	35.85 -5.22 4.60	51.32 -6.89 0.00	51.33 -6.90 0.00	38.45 -4.74 0.00	51.09 -6.80 0.00	62.58 -8.52 0.12	51.31 -7.17 2.73	56.88 -8.16 3.68	58.81 -8.61 2.74	63.74 -9.59 5.88	87.13 -12.17 0.00	98.00 -14.10 -0.81	96.67 -12.76 -0.53	75.77 -10.64 2.37	57.03 -8.88 16.57	58.99 -7.91 3.84	78.60 -8.01 0.00	78.16 -7.93 0.00
SYNERGY___BIOGAS 323694	57.03 -4.15 0.00	72.43 -5.65 0.14	58.42 -5.04 0.60	48.59 -4.64 2.61	47.61 -3.86 5.04	38.36 -2.27 4.48	40.45 -2.16 3.06	55.50 -2.70 0.00	55.48 -2.75 0.00	41.34 -1.85 0.00	54.84 -3.06 0.00	67.26 -3.88 0.08	56.05 -3.38 1.78	62.14 -4.18 2.40	64.18 -4.19 1.79	71.25 -4.47 3.50	94.20 -5.09 0.00	106.21 -5.66 -0.59	104.68 -4.70 -0.49	83.65 -4.21 0.92	68.44 -3.31 10.74	65.36 -3.23 2.15	83.93 -2.68 0.00	83.24 -2.85 0.00
SYRACUSE___ENERGY_ST1 323597	60.38 -0.80 0.00	77.11 -1.11 0.00	62.98 -1.08 0.00	54.86 -0.98 0.00	55.68 -0.83 0.00	44.77 -0.34 0.00	45.57 -0.11 0.00	58.21 0.00 0.00	58.36 0.13 0.00	43.23 0.03 0.00	57.79 -0.11 0.00	70.96 -0.25 0.00	60.96 -0.26 0.00	68.44 -0.28 0.00	69.92 -0.24 0.00	79.48 0.04 -0.22	99.60 0.30 0.00	111.68 0.40 0.00	109.40 0.50 0.00	89.07 0.30 0.00	82.62 0.13 0.00	71.60 -0.11 -0.97	86.58 -0.03 0.00	85.87 -0.22 0.00
SYRACUSE___ENERGY_ST2 323598	60.38 -0.80 0.00	77.11 -1.11 0.00	62.98 -1.08 0.00	54.86 -0.98 0.00	55.68 -0.83 0.00	44.77 -0.34 0.00	45.57 -0.11 0.00	58.21 0.00 0.00	58.36 0.13 0.00	43.23 0.03 0.00	57.79 -0.11 0.00	70.96 -0.25 0.00	60.96 -0.26 0.00	68.44 -0.28 0.00	69.92 -0.24 0.00	79.48 0.04 -0.22	99.60 0.30 0.00	111.68 0.40 0.00	109.40 0.50 0.00	89.07 0.30 0.00	82.62 0.13 0.00	71.60 -0.11 -0.97	86.58 -0.03 0.00	85.87 -0.22 0.00
SYRACUSE___POWER 24017	60.27 -0.91 0.00	76.97 -1.26 0.00	62.87 -1.18 0.00	54.76 -1.09 0.00	55.57 -0.93 0.00	44.67 -0.43 0.00	45.50 -0.18 0.00	58.15 -0.06 0.00	58.26 0.03 0.00	43.18 -0.02 0.00	57.76 -0.14 0.00	70.96 -0.26 0.00	60.89 -0.33 0.00	68.38 -0.34 0.00	69.85 -0.31 0.00	79.40 -0.04 -0.22	99.46 0.17 0.00	111.52 0.24 0.00	109.26 0.36 0.00	88.95 0.17 0.00	82.57 0.08 0.00	71.56 -0.17 -0.98	86.50 -0.11 0.00	85.79 -0.30 0.00
TALLMAN___138KV_BK151 55660	63.97 2.79 0.00	81.58 3.35 0.00	67.07 3.01 0.00	58.36 2.51 0.00	59.03 2.52 0.00	47.20 2.09 0.00	48.30 2.62 0.00	62.26 4.06 0.00	62.25 4.02 0.00	45.98 2.79 0.00	57.48 4.38 4.80	76.56 5.34 0.00	65.80 4.59 0.00	72.27 5.14 1.60	75.52 5.36 0.00	87.03 6.11 -1.71	107.33 8.03 0.00	130.39 9.24 -9.87	120.57 8.66 -3.01	109.67 7.24 -13.66	91.20 6.84 -1.88	84.31 5.73 -7.83	93.27 6.66 0.00	92.27 6.18 0.00
TEALLAVE_115KV_TB7 355573	59.79 -1.39 0.00	76.37 -1.85 0.00	62.41 -1.64 0.00	54.35 -1.49 0.00	55.16 -1.35 0.00	44.32 -0.79 0.00	45.12 -0.55 0.00	57.66 -0.55 0.00	57.74 -0.49 0.00	42.84 -0.36 0.00	57.30 -0.60 0.00	70.40 -0.82 0.00	60.41 -0.80 0.00	67.83 -0.89 0.00	69.31 -0.85 0.00	78.69 -0.71 -0.19	98.63 -0.67 0.00	110.56 -0.73 0.00	108.31 -0.59 0.00	88.15 -0.63 0.00	81.84 -0.64 0.00	70.83 -0.73 -0.82	85.83 -0.78 0.00	85.14 -0.95 0.00
TELGRAPH_34_KV_EAST 80808	55.29 -5.89 0.00	70.18 -7.87 0.18	56.40 -6.90 0.76	46.28 -6.30 3.27	44.66 -5.54 6.31	35.88 -3.62 5.60	38.13 -3.72 3.83	53.45 -4.75 0.00	53.44 -4.79 0.00	39.94 -3.26 0.00	53.07 -4.83 0.00	65.01 -6.11 0.10	53.79 -5.19 2.23	59.65 -6.06 3.01	61.57 -6.36 2.24	67.77 -6.89 4.55	90.79 -8.51 0.00	102.20 -9.85 -0.77	100.70 -8.70 -0.51	79.74 -7.42 1.62	62.75 -6.24 13.50	62.18 -5.60 2.96	81.30 -5.31 0.00	80.66 -5.43 0.00
TEMPLE___115KV_TB 2 55572	59.84 -1.34 0.00	76.42 -1.81 0.00	62.45 -1.61 0.00	54.38 -1.46 0.00	55.18 -1.33 0.00	44.34 -0.77 0.00	45.16 -0.51 0.00	57.69 -0.52 0.00	57.80 -0.43 0.00	42.87 -0.33 0.00	57.35 -0.54 0.00	70.47 -0.75 0.00	60.47 -0.74 0.00	67.90 -0.82 0.00	69.37 -0.79 0.00	78.78 -0.62 -0.19	98.71 -0.58 0.00	110.67 -0.61 0.00	108.40 -0.50 0.00	88.24 -0.54 0.00	81.93 -0.56 0.00	70.90 -0.67 -0.83	85.91 -0.70 0.00	85.21 -0.87 0.00
TIANA____69_KV_BK 1 55817	67.23 6.04 -0.01	85.58 7.34 -0.01	69.82 5.76 0.00	60.77 4.92 0.00	65.55 5.25 -3.79	49.46 4.35 -0.01	50.71 4.99 -0.04	65.26 7.05 -0.01	64.77 6.54 0.00	47.22 4.03 0.00	68.79 6.65 -4.24	78.76 8.22 0.68	69.75 7.11 -1.43	75.98 7.64 0.38	76.90 8.02 1.28	90.12 9.12 -1.79	112.10 12.80 0.00	136.99 15.18 -10.52	126.72 14.69 -3.14	115.77 12.73 -14.26	97.05 11.72 -2.85	99.08 9.75 -18.59	132.36 11.66 -34.10	118.72 11.18 -21.45
TILDEN___115KV_TB1 80814	60.27 -0.91 0.00	76.97 -1.26 0.00	62.87 -1.18 0.00	54.76 -1.09 0.00	55.57 -0.93 0.00	44.67 -0.43 0.00	45.50 -0.18 0.00	58.15 -0.06 0.00	58.26 0.03 0.00	43.18 -0.02 0.00	57.76 -0.14 0.00	70.96 -0.26 0.00	60.89 -0.33 0.00	68.38 -0.34 0.00	69.85 -0.31 0.00	79.40 -0.04 -0.22	99.46 0.17 0.00	111.52 0.24 0.00	109.26 0.36 0.00	88.95 0.17 0.00	82.57 0.08 0.00	71.56 -0.17 -0.98	86.50 -0.11 0.00	85.79 -0.30 0.00

TRIGEN__CC 323695	65.45 4.27 0.00	83.50 5.27 0.00	68.36 4.31 0.00	59.51 3.67 0.00	62.41 3.86 -2.04	48.34 3.23 0.00	49.63 3.85 -0.10	63.75 5.54 0.00	63.55 5.32 0.00	46.82 3.63 0.00	97.78 6.11 -33.77	86.20 7.58 -7.41	80.18 6.55 -12.42	84.89 7.26 -8.91	83.52 7.46 -5.89	89.09 8.08 -1.79	109.85 10.56 0.00	133.87 12.07 -10.52	123.67 11.64 -3.13	112.96 9.95 -14.23	94.20 9.27 -2.44	96.09 7.90 -17.45	122.99 9.58 -26.80	129.84 9.03 -34.71
TRINITY__115KV__4 BK 55933	63.19 2.01 0.00	80.82 2.59 0.00	66.30 2.24 0.00	57.77 1.93 0.00	58.49 1.99 0.00	46.48 1.38 0.00	47.19 1.51 0.00	60.42 2.22 0.00	60.43 2.20 0.00	44.69 1.49 0.00	59.99 2.09 0.00	73.83 2.61 0.00	63.45 2.24 0.00	71.30 2.58 0.00	73.04 2.89 0.00	84.91 3.25 -2.44	102.98 3.68 0.00	125.00 3.74 -9.98	121.38 3.93 -8.55	130.81 3.24 -38.79	91.08 3.25 -5.34	84.29 2.82 -10.73	90.01 3.40 0.00	89.67 3.58 0.00
UNION__PROCESSING_DRP 323587	57.51 -3.67 0.00	73.30 -4.93 0.00	59.79 -4.27 0.00	51.90 -3.96 0.00	52.92 -3.59 0.00	42.84 -2.28 -0.01	43.52 -2.17 -0.01	55.57 -2.63 0.00	55.65 -2.58 0.00	41.58 -1.62 0.00	55.44 -2.46 0.00	68.09 -3.13 0.00	58.35 -2.86 0.00	65.39 -3.33 0.00	66.65 -3.51 0.00	76.00 -3.63 -0.42	95.10 -4.20 0.00	106.99 -4.81 -0.51	105.21 -4.11 -0.42	87.01 -3.69 -1.92	79.51 -3.24 -0.26	68.93 -2.90 -1.09	84.08 -2.53 0.00	83.40 -2.69 0.00
UPPER HUDSON__HYD 24058	64.65 3.48 0.00	82.62 4.40 0.00	67.72 3.66 0.00	59.00 3.16 0.00	59.83 3.32 0.00	48.00 2.89 0.00	49.08 3.41 0.00	62.93 4.73 0.00	62.80 4.57 0.00	46.18 2.98 0.00	61.86 3.97 0.00	76.18 4.96 0.00	65.36 4.14 0.00	73.50 4.78 0.00	75.53 5.38 0.00	88.45 6.72 -2.52	108.01 8.72 0.00	138.47 9.85 -17.34	133.03 9.61 -14.52	162.59 7.96 -65.85	98.71 7.16 -9.07	87.73 5.89 -11.10	93.36 6.76 0.00	92.31 6.22 0.00
UPPER RAQUET__HYD 24056	61.03 -0.14 0.00	78.25 0.02 0.00	63.97 -0.09 0.00	55.75 -0.10 0.00	56.14 -0.37 0.00	44.34 -0.77 0.00	44.11 -1.57 0.00	55.91 -2.30 0.00	55.91 -2.32 0.00	41.59 -1.60 0.00	55.42 -2.47 0.00	68.04 -3.18 0.00	58.50 -2.71 0.00	65.54 -3.19 0.00	66.95 -3.21 0.00	75.32 -3.89 0.00	94.52 -4.78 0.00	104.42 -6.86 0.00	102.55 -6.34 0.00	83.58 -5.20 0.00	77.76 -4.73 0.00	67.90 -2.85 0.00	83.61 -3.00 0.00	84.38 -1.71 0.00
VALLEY44_115KV_TB2 355964	58.14 -3.04 0.00	74.14 -3.97 0.11	59.90 -3.67 0.49	50.40 -3.34 2.11	49.75 -2.72 4.04	40.37 -1.12 3.62	41.96 -1.23 2.48	56.28 -1.93 0.00	55.89 -2.34 0.00	40.88 -2.31 0.00	54.78 -3.12 0.00	67.59 -3.56 0.06	56.97 -2.81 1.43	63.53 -3.27 1.93	65.18 -3.55 1.44	71.57 -3.94 3.71	93.35 -5.94 0.00	104.77 -7.52 -1.00	102.51 -7.04 -0.66	83.36 -5.90 -0.48	69.05 -4.98 8.45	64.69 -4.96 1.10	81.90 -4.70 0.00	81.51 -4.58 0.00
VALLEY__115KV_TB 1-4 80826	61.87 0.69 0.00	78.75 0.52 0.00	64.56 0.51 0.00	56.24 0.40 0.00	57.00 0.49 0.00	45.52 0.41 0.00	46.43 0.76 0.00	59.45 1.25 0.00	59.32 1.09 0.00	43.60 0.41 0.00	58.79 0.89 0.00	72.52 1.30 0.00	62.20 0.99 0.00	70.12 1.40 0.00	71.64 1.48 0.00	81.13 1.91 0.00	102.05 2.75 0.00	114.79 3.51 0.00	112.72 3.82 0.00	91.77 3.00 0.00	85.08 2.59 0.00	72.79 2.05 0.00	88.99 2.38 0.00	88.15 2.06 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	64.54 3.36 0.00	82.47 4.25 0.00	67.61 3.55 0.00	58.94 3.10 0.00	59.81 3.30 0.00	47.86 2.75 0.00	48.79 3.11 0.00	62.60 4.40 0.00	62.74 4.52 0.00	46.47 3.27 0.00	62.45 4.55 0.00	76.99 5.77 0.00	66.15 4.94 0.00	74.27 5.55 0.00	76.01 5.85 0.00	86.78 6.94 -0.63	108.20 8.90 0.00	125.33 10.09 -3.95	121.67 9.91 -2.86	109.77 8.03 -12.97	91.74 7.47 -1.79	80.58 6.10 -3.74	93.94 7.33 0.00	93.09 7.00 0.00
VISCHER__FERRY HYD 24020	63.92 2.74 0.00	81.71 3.48 0.00	67.00 2.94 0.00	58.38 2.54 0.00	59.11 2.60 0.00	47.17 2.07 0.00	47.95 2.27 0.00	61.40 3.20 0.00	61.37 3.14 0.00	45.33 2.14 0.00	60.82 2.92 0.00	74.80 3.58 0.00	64.29 3.08 0.00	72.27 3.54 0.00	74.05 3.89 0.00	86.46 4.77 -2.47	105.30 6.01 0.00	132.98 6.72 -14.98	127.89 6.61 -12.39	150.43 5.46 -56.19	95.16 4.94 -7.73	85.82 4.21 -10.87	91.64 5.04 0.00	90.89 4.80 0.00
V_A_10_SYNC_DSASP 323832	55.25 -5.93 0.00	70.22 -7.87 0.14	56.67 -6.78 0.61	47.03 -6.20 2.61	45.86 -5.70 4.94	36.70 -3.90 4.51	38.61 -3.97 3.10	53.12 -5.09 0.00	53.19 -5.04 0.00	39.91 -3.28 0.00	53.21 -4.68 0.00	65.34 -5.80 0.08	54.35 -5.15 1.72	60.54 -5.86 2.32	62.22 -6.22 1.72	71.42 -6.77 1.02	90.93 -8.36 0.00	102.06 -9.80 -0.57	100.54 -8.83 -0.48	80.32 -7.58 0.87	65.48 -6.65 10.36	62.94 -5.74 2.06	81.11 -5.50 0.00	80.62 -5.47 0.00
V_CMM_10_SYNC_DSASP 323787	61.31 0.13 0.00	78.50 0.27 0.00	64.22 0.16 0.00	56.06 0.21 0.00	56.55 0.04 0.00	45.05 -0.06 0.00	45.22 -0.46 0.00	57.24 -0.96 0.00	57.13 -1.10 0.00	42.49 -0.70 0.00	56.72 -1.17 0.00	69.79 -1.43 0.00	60.04 -1.17 0.00	67.38 -1.34 0.00	68.70 -1.46 0.00	77.17 -2.05 0.00	96.56 -2.74 0.00	107.73 -3.56 0.00	105.28 -3.62 0.00	85.81 -2.96 0.00	79.74 -2.75 0.00	68.72 -2.03 0.00	84.14 -2.47 0.00	84.23 -1.86 0.00
V_CMP_10_SYNC_DSASP 323788	8.34 -1.14 51.70	76.91 -1.31 0.00	63.31 -0.75 0.00	55.29 -0.56 0.00	55.71 -0.80 0.00	44.41 -0.70 0.00	44.63 -1.05 0.00	56.33 -1.87 0.00	56.38 -1.85 0.00	41.77 -1.43 0.00	56.06 -1.83 0.00	68.89 -2.33 0.00	59.23 -1.98 0.00	66.80 -1.93 0.00	68.58 -1.58 0.00	77.14 -2.08 0.00	96.65 -2.64 0.00	106.79 -4.50 0.00	104.31 -4.58 0.00	85.74 -3.04 0.00	79.15 -3.34 0.00	68.61 -2.13 0.00	83.98 -2.63 0.00	84.60 -1.49 0.00
V_D_10_SYNC_DSASP 323841	61.57 0.39 0.00	78.83 0.60 0.00	64.45 0.40 0.00	56.16 0.31 0.00	56.75 0.24 0.00	45.18 0.07 0.00	45.29 -0.39 0.00	57.34 -0.87 0.00	57.32 -0.91 0.00	42.63 -0.57 0.00	56.85 -1.04 0.00	69.95 -1.27 0.00	60.13 -1.08 0.00	67.50 -1.22 0.00	68.87 -1.29 0.00	77.39 -1.82 0.00	96.88 -2.42 0.00	107.30 -3.98 0.00	105.21 -3.69 0.00	85.72 -3.05 0.00	79.75 -2.73 0.00	68.98 -1.76 0.00	84.45 -2.16 0.00	84.77 -1.31 0.00
V_E_10_SYNC_DSASP 323830	63.75 2.58 0.00	80.35 2.13 0.00	65.52 1.46 0.00	56.99 1.15 0.00	57.94 1.43 0.00	46.77 1.67 0.00	48.41 2.73 0.00	62.60 4.39 0.00	62.46 4.23 0.00	46.28 3.09 0.00	61.92 4.02 0.00	75.52 4.30 0.00	64.88 3.67 0.00	72.79 4.07 0.00	74.38 4.22 0.00	85.13 5.58 -0.34	108.28 8.99 0.00	123.92 10.43 -2.20	121.24 10.81 -1.53	102.99 7.27 -6.94	89.84 6.40 -0.96	78.25 4.80 -2.71	91.63 5.02 0.00	90.42 4.33 0.00
V_F_30_NSYNC__DSASP 323816	64.46 3.28 0.00	82.41 4.18 0.00	67.57 3.52 0.00	58.89 3.04 0.00	59.66 3.15 0.00	47.72 2.61 0.00	48.63 2.96 0.00	62.28 4.07 0.00	62.18 3.95 0.00	45.79 2.59 0.00	61.39 3.50 0.00	75.60 4.38 0.00	64.93 3.72 0.00	73.08 4.36 0.00	74.92 4.76 0.00	87.54 5.82 -2.51	106.83 7.54 0.00	136.86 8.53 -17.04	131.46 8.31 -14.25	160.24 6.83 -64.64	97.57 6.18 -8.90	86.96 5.15 -11.07	92.72 6.11 0.00	91.81 5.72 0.00



V_F_30_SYNC_DSASP 323786	63.37 2.19 0.00	81.05 2.83 0.00	66.50 2.44 0.00	57.94 2.09 0.00	58.66 2.16 0.00	46.64 1.53 0.00	47.37 1.69 0.00	60.67 2.46 0.00	60.66 2.43 0.00	44.86 1.67 0.00	60.22 2.33 0.00	74.15 2.93 0.00	63.73 2.52 0.00	71.61 2.88 0.00	73.35 3.19 0.00	85.31 3.64 -2.46	103.47 4.17 0.00	127.55 4.34 -11.93	123.55 4.54 -10.12	138.35 3.69 -45.88	92.47 3.66 -6.32	84.70 3.13 -10.82	90.38 3.77 0.00	90.02 3.93 0.00
V_XM_10_SYNC_DSASP 323789	8.34 -1.14 51.70	76.91 -1.31 0.00	63.31 -0.75 0.00	55.29 -0.56 0.00	55.71 -0.80 0.00	44.41 -0.70 0.00	44.63 -1.05 0.00	56.33 -1.87 0.00	56.38 -1.85 0.00	41.77 -1.43 0.00	56.06 -1.83 0.00	68.89 -2.33 0.00	59.23 -1.98 0.00	66.80 -1.93 0.00	68.58 -1.58 0.00	77.14 -2.08 0.00	96.65 -2.64 0.00	106.79 -4.50 0.00	104.31 -4.58 0.00	85.74 -3.04 0.00	79.15 -3.34 0.00	68.61 -2.13 0.00	83.98 -2.63 0.00	84.60 -1.49 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	64.13 2.96 0.00	81.78 3.55 0.00	67.21 3.15 0.00	58.49 2.64 0.00	59.16 2.65 0.00	47.32 2.22 0.00	48.44 2.76 0.00	62.44 4.24 0.00	62.43 4.20 0.00	46.12 2.92 0.00	57.37 4.57 5.10	76.78 5.56 0.00	66.00 4.79 0.00	72.37 5.35 1.70	75.76 5.60 0.00	87.29 6.36 -1.72	107.63 8.34 0.00	130.85 9.60 -9.96	120.96 9.04 -3.03	110.04 7.53 -13.73	91.47 7.09 -1.89	84.58 5.97 -7.88	93.54 6.93 0.00	92.51 6.42 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	64.76 3.58 0.00	82.55 4.32 0.00	67.75 3.69 0.00	58.96 3.12 0.00	59.68 3.17 0.00	47.76 2.65 0.00	48.90 3.22 0.00	63.13 4.92 0.00	63.17 4.94 0.00	46.70 3.51 0.00	66.65 5.57 -3.18	78.09 6.87 0.00	67.15 5.94 0.00	76.42 6.64 -1.06	77.05 6.89 0.00	88.79 7.79 -1.79	109.34 10.05 0.00	133.18 11.38 -10.51	122.80 10.76 -3.13	111.92 8.92 -14.22	92.81 8.37 -1.96	85.91 7.00 -8.17	94.86 8.25 0.00	93.72 7.63 0.00
W50THST__13_KV_LOAD 356117	65.04 3.86 0.00	82.90 4.67 0.00	68.02 3.96 0.00	59.19 3.34 0.00	59.91 3.40 0.00	47.97 2.87 0.00	49.14 3.46 0.00	63.46 5.26 0.00	63.54 5.31 0.00	46.99 3.79 0.00	67.10 6.02 -3.18	78.69 7.47 0.00	67.68 6.46 0.00	77.01 7.23 -1.06	77.67 7.51 0.00	89.44 8.43 -1.79	110.13 10.83 0.00	133.98 12.19 -10.51	123.49 11.46 -3.13	112.49 9.49 -14.22	93.31 8.86 -1.96	86.30 7.39 -8.17	95.34 8.73 0.00	94.17 8.08 0.00
WADING RIVER_IC_1 23522	67.04 5.85 -0.01	85.37 7.13 -0.01	69.70 5.64 0.00	60.65 4.80 0.00	65.40 5.10 -3.79	49.36 4.25 -0.01	50.58 4.86 -0.04	65.13 6.92 -0.01	64.66 6.43 0.00	47.16 3.97 0.00	68.70 6.59 -4.22	78.66 8.13 0.68	69.67 7.03 -1.42	75.90 7.57 0.39	76.81 7.94 1.29	90.00 9.00 -1.79	111.90 12.60 0.00	136.70 14.90 -10.52	126.47 14.44 -3.14	115.57 12.54 -14.26	96.85 11.50 -2.85	98.90 9.57 -18.59	132.12 11.41 -34.10	118.59 11.06 -21.44
WADING RIVER_IC_2 23547	67.04 5.85 -0.01	85.37 7.13 -0.01	69.70 5.64 0.00	60.65 4.80 0.00	65.40 5.10 -3.79	49.36 4.25 -0.01	50.58 4.86 -0.04	65.13 6.92 -0.01	64.66 6.43 0.00	47.16 3.97 0.00	68.70 6.59 -4.22	78.66 8.13 0.68	69.67 7.03 -1.42	75.90 7.57 0.39	76.81 7.94 1.29	90.00 9.00 -1.79	111.90 12.60 0.00	136.70 14.90 -10.52	126.47 14.44 -3.14	115.57 12.54 -14.26	96.85 11.50 -2.85	98.90 9.57 -18.59	132.12 11.41 -34.10	118.59 11.06 -21.44
WADING RIVER_IC_3 23601	67.04 5.85 -0.01	85.37 7.13 -0.01	69.70 5.64 0.00	60.65 4.80 0.00	65.40 5.10 -3.79	49.36 4.25 -0.01	50.58 4.86 -0.04	65.13 6.92 -0.01	64.66 6.43 0.00	47.16 3.97 0.00	68.70 6.59 -4.22	78.66 8.13 0.68	69.67 7.03 -1.42	75.90 7.57 0.39	76.81 7.94 1.29	90.00 9.00 -1.79	111.90 12.60 0.00	136.70 14.90 -10.52	126.47 14.44 -3.14	115.57 12.54 -14.26	96.85 11.50 -2.85	98.90 9.57 -18.59	132.12 11.41 -34.10	118.59 11.06 -21.44
WALDENNY_12_KV_BK2 80841	55.62 -5.56 0.00	70.56 -7.39 0.28	56.25 -6.60 1.21	44.56 -6.10 5.18	41.17 -5.43 9.91	32.77 -3.43 8.91	36.13 -3.43 6.11	53.87 -4.34 0.00	53.83 -4.40 0.00	40.02 -3.17 0.00	53.27 -4.62 0.00	65.22 -5.84 0.15	52.61 -5.10 3.50	58.21 -5.80 4.71	60.54 -6.11 3.51	65.63 -6.54 7.04	91.08 -8.21 0.00	102.52 -9.64 -0.88	100.92 -8.56 -0.58	77.79 -7.46 3.53	54.75 -6.41 21.33	59.77 -5.76 5.21	81.15 -5.45 0.00	80.44 -5.65 0.00
WALDEN__HYDRO 24148	64.62 3.45 0.00	82.44 4.21 0.00	67.70 3.64 0.00	58.91 3.07 0.00	59.63 3.12 0.00	47.71 2.60 0.00	48.82 3.14 0.00	62.91 4.71 0.00	62.89 4.66 0.00	46.38 3.19 0.00	61.52 4.85 1.22	77.06 5.85 0.00	66.20 4.99 0.00	73.94 5.62 0.41	76.13 5.97 0.00	87.82 6.89 -1.72	108.48 9.18 0.00	131.73 10.63 -9.82	122.18 10.17 -3.11	111.31 8.41 -14.12	92.30 7.87 -1.95	85.18 6.54 -7.89	94.28 7.67 0.00	93.21 7.12 0.00
WARRENSBURG____ 23737	64.65 3.48 0.00	82.62 4.40 0.00	67.72 3.66 0.00	59.00 3.16 0.00	59.83 3.32 0.00	48.00 2.89 0.00	49.08 3.41 0.00	62.93 4.73 0.00	62.80 4.57 0.00	46.18 2.98 0.00	61.86 3.97 0.00	76.18 4.96 0.00	65.36 4.14 0.00	73.50 4.78 0.00	75.53 5.38 0.00	88.45 6.72 -2.52	108.01 8.72 0.00	138.47 9.85 -17.34	133.03 9.61 -14.52	162.59 7.96 -65.85	98.71 7.16 -9.07	87.73 5.89 -11.10	93.36 6.76 0.00	92.31 6.22 0.00
WATERSIDE____6 8 9 23538	55.99 3.73 8.92	77.94 4.52 4.81	66.59 3.82 1.28	55.58 3.26 3.52	56.72 3.30 3.09	42.68 2.71 5.14	43.82 3.32 5.18	59.69 5.06 3.57	59.97 5.08 3.33	41.25 3.59 5.53	64.31 5.67 -0.75	74.69 6.96 3.49	62.08 6.03 5.16	72.43 6.73 3.01	72.75 7.00 4.41	86.61 7.87 0.47	102.04 10.19 7.44	97.07 11.65 25.87	74.57 11.05 45.38	56.17 9.19 41.80	39.59 8.65 51.54	66.99 7.22 10.98	88.51 8.57 6.67	92.20 7.92 1.81
WATKINRD_115KV_LN8_ILLION 55919	61.93 0.76 0.00	79.06 0.84 0.00	64.79 0.73 0.00	56.45 0.61 0.00	57.19 0.68 0.00	45.67 0.56 0.00	46.50 0.82 0.00	59.47 1.26 0.00	59.39 1.16 0.00	43.77 0.58 0.00	58.85 0.95 0.00	72.52 1.31 0.00	62.24 1.03 0.00	70.06 1.33 0.00	71.64 1.48 0.00	81.12 1.91 0.00	101.94 2.65 0.00	114.42 3.14 0.00	112.15 3.26 0.00	91.40 2.62 0.00	84.84 2.35 0.00	72.65 1.91 0.00	88.85 2.24 0.00	88.09 2.00 0.00
WATSON__69_KV_BK 1 55734	67.04 5.85 -0.01	85.44 7.21 -0.01	69.88 5.82 0.00	60.79 4.95 0.00	65.48 5.26 -3.72	49.50 4.39 -0.01	50.83 5.11 -0.04	65.47 7.25 -0.01	65.06 6.82 0.00	47.62 4.42 0.00	70.93 7.20 -5.83	79.91 8.90 0.21	70.97 7.69 -2.07	77.29 8.40 -0.16	77.96 8.67 0.86	90.65 9.65 -1.79	112.36 13.06 0.00	137.08 15.27 -10.52	126.88 14.84 -3.14	115.85 12.82 -14.26	97.14 11.82 -2.84	99.25 9.93 -18.58	132.50 12.02 -33.87	119.82 11.48 -22.25
WDELAWARE__HYD 323627	63.78 2.61 0.00	81.36 3.13 0.00	66.77 2.71 0.00	58.11 2.27 0.00	58.84 2.33 0.00	47.13 2.03 0.00	48.31 2.63 0.00	62.26 4.06 0.00	62.22 3.99 0.00	45.81 2.61 0.00	60.72 3.85 1.03	75.69 4.47 0.00	65.09 3.88 0.00	72.81 4.43 0.34	75.12 4.96 0.00	86.64 5.81 -1.62	107.44 8.14 0.00	129.63 9.64 -8.70	121.30 9.31 -3.09	110.47 7.66 -14.04	91.49 7.07 -1.93	84.00 5.80 -7.46	93.26 6.65 0.00	92.05 5.96 0.00

WEST BABYLON___IC 23714	66.68 5.49 -0.01	85.01 6.77 -0.01	69.54 5.49 0.00	60.50 4.66 0.00	65.01 4.94 -3.56	49.26 4.15 -0.01	50.57 4.84 -0.05	65.12 6.91 -0.01	64.77 6.54 0.00	47.47 4.28 0.00	74.31 7.01 -9.41	80.64 8.65 -0.76	72.09 7.48 -3.39	78.19 8.19 -1.28	78.53 8.37 0.00	90.19 9.18 -1.79	111.63 12.34 0.00	136.13 14.33 -10.52	125.88 13.85 -3.14	115.04 12.01 -14.26	96.38 11.10 -2.80	98.73 9.41 -18.58	131.57 11.54 -33.43	121.17 10.98 -24.10
WEST CANADA___HYD 24049	61.37 0.19 0.00	78.49 0.26 0.00	64.32 0.27 0.00	56.06 0.22 0.00	56.74 0.23 0.00	45.29 0.18 0.00	45.96 0.28 0.00	58.62 0.41 0.00	58.64 0.41 0.00	43.46 0.27 0.00	58.36 0.46 0.00	71.79 0.57 0.00	61.65 0.44 0.00	69.26 0.54 0.00	70.74 0.57 0.00	79.92 0.71 0.00	100.19 0.89 0.00	112.37 1.08 0.00	109.99 1.09 0.00	89.67 0.89 0.00	83.31 0.82 0.00	71.40 0.66 0.00	87.48 0.87 0.00	86.86 0.77 0.00
WESTERN_NY_WIND 24143	56.90 -4.28 0.00	72.23 -5.84 0.15	58.21 -5.20 0.65	48.22 -4.81 2.82	47.02 -4.05 5.44	37.85 -2.42 4.83	40.03 -2.34 3.31	55.33 -2.88 0.00	55.32 -2.92 0.00	41.24 -1.95 0.00	54.71 -3.19 0.00	67.07 -4.07 0.08	55.77 -3.52 1.92	61.74 -4.39 2.59	63.83 -4.41 1.93	70.72 -4.67 3.83	93.92 -5.37 0.00	105.90 -5.98 -0.60	104.40 -4.99 -0.49	83.20 -4.44 1.14	67.26 -3.62 11.60	64.91 -3.43 2.40	83.78 -2.83 0.00	83.05 -3.03 0.00
WESTOVER___LESR 323668	60.81 -0.37 0.00	77.66 -0.60 -0.04	63.30 -0.92 -0.17	55.76 -0.79 -0.71	57.29 -0.57 -1.35	46.37 0.03 -1.22	46.77 0.25 -0.84	58.78 0.57 0.00	58.93 0.70 0.00	43.52 0.33 0.00	58.31 0.41 0.00	71.81 0.57 -0.02	62.09 0.41 -0.47	69.81 0.45 -0.63	71.13 0.49 -0.47	80.91 0.88 -0.82	100.29 0.99 0.00	114.05 0.90 -1.86	111.14 1.01 -1.24	95.93 0.72 -6.43	86.88 0.70 -3.69	74.64 0.20 -3.70	87.06 0.46 0.00	86.42 0.33 0.00
WETHRSFD_WT_PWR 323626	55.16 -6.02 0.00	69.35 -7.90 0.98	52.66 -7.17 4.22	31.35 -6.50 18.00	16.23 -6.02 34.26	10.31 -3.76 31.03	20.80 -3.57 21.31	54.02 -4.19 0.00	54.18 -4.05 0.00	40.21 -2.98 0.00	53.39 -4.50 0.00	64.63 -6.05 0.53	43.75 -5.48 11.98	46.39 -6.18 16.15	51.71 -6.43 12.02	53.53 -6.64 19.04	91.39 -7.90 0.00	103.11 -9.17 -1.00	101.31 -8.25 -0.67	63.45 -7.28 18.04	2.37 -6.25 73.87	43.78 -5.83 21.13	80.23 -6.38 0.00	79.39 -6.69 0.00
WHAVSTOR_138KV_BK127 55557	63.87 2.69 0.00	81.46 3.23 0.00	66.95 2.89 0.00	58.26 2.42 0.00	58.93 2.42 0.00	47.12 2.01 0.00	48.22 2.54 0.00	62.15 3.95 0.00	62.14 3.91 0.00	45.90 2.71 0.00	57.03 4.29 5.16	76.46 5.24 0.00	65.72 4.51 0.00	72.04 5.03 1.72	75.42 5.26 0.00	86.90 5.97 -1.72	107.13 7.83 0.00	130.28 9.01 -9.98	120.38 8.45 -3.03	109.59 7.06 -13.75	91.05 6.68 -1.89	84.24 5.61 -7.88	93.12 6.51 0.00	92.11 6.03 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	63.87 2.69 0.00	81.46 3.23 0.00	66.95 2.89 0.00	58.26 2.42 0.00	58.93 2.42 0.00	47.12 2.01 0.00	48.22 2.54 0.00	62.15 3.95 0.00	62.14 3.91 0.00	45.90 2.71 0.00	57.03 4.29 5.16	76.46 5.24 0.00	65.72 4.51 0.00	72.04 5.03 1.72	75.42 5.26 0.00	86.90 5.97 -1.72	107.13 7.83 0.00	130.28 9.01 -9.98	120.38 8.45 -3.03	109.59 7.06 -13.75	91.05 6.68 -1.89	84.24 5.61 -7.88	93.12 6.51 0.00	92.11 6.03 0.00
WHITEHAL_115KV_TB1 80871	65.33 4.15 0.00	83.50 5.28 0.00	68.32 4.27 0.00	59.53 3.68 0.00	60.40 3.89 0.00	48.87 3.76 0.00	50.49 4.81 0.00	64.80 6.59 0.00	64.55 6.32 0.00	47.33 4.13 0.00	63.37 5.48 0.00	77.76 6.54 0.00	66.18 4.97 0.00	74.34 5.62 0.00	76.99 6.83 0.00	90.88 9.15 -2.52	110.89 11.60 0.00	141.19 12.69 -17.22	135.67 12.36 -14.41	164.82 10.70 -65.35	101.00 9.52 -8.99	89.68 7.85 -11.08	95.23 8.63 0.00	93.86 7.77 0.00
WHITEPLN_13_KV_LOAD 356215	65.14 3.96 0.00	83.07 4.84 0.00	68.16 4.10 0.00	59.32 3.48 0.00	60.06 3.55 0.00	48.06 2.95 0.00	49.23 3.55 0.00	63.50 5.29 0.00	63.52 5.29 0.00	46.91 3.71 0.00	66.97 5.69 -3.39	78.18 6.96 0.00	67.21 5.99 0.00	76.54 6.69 -1.13	77.16 7.00 0.00	88.97 7.98 -1.78	109.76 10.47 0.00	133.89 12.12 -10.49	123.52 11.49 -3.13	112.46 9.49 -14.20	93.30 8.86 -1.95	86.28 7.39 -8.15	95.34 8.73 0.00	94.18 8.09 0.00
WM_FLOYD_69_KV_BK2 356380	66.93 5.75 -0.01	85.28 7.04 -0.01	69.65 5.59 0.00	60.60 4.75 0.00	65.36 5.06 -3.79	49.32 4.21 -0.01	50.56 4.84 -0.04	65.09 6.88 -0.01	64.61 6.38 0.00	47.16 3.97 0.00	68.80 6.58 -4.31	78.66 8.10 0.66	69.70 7.02 -1.46	75.95 7.59 0.36	76.85 7.95 1.26	89.98 8.98 -1.79	111.81 12.51 0.00	136.56 14.76 -10.52	126.31 14.28 -3.14	115.44 12.41 -14.26	96.76 11.42 -2.85	98.88 9.55 -18.59	132.15 11.46 -34.09	118.59 11.02 -21.49
WOODARD__115KV_TB2 355635	59.74 -1.44 0.00	76.32 -1.91 0.00	62.38 -1.68 0.00	54.32 -1.52 0.00	55.11 -1.40 0.00	44.25 -0.86 0.00	45.04 -0.63 0.00	57.52 -0.69 0.00	57.63 -0.60 0.00	42.74 -0.46 0.00	57.18 -0.72 0.00	70.25 -0.97 0.00	60.30 -0.91 0.00	67.70 -1.02 0.00	69.17 -0.99 0.00	78.55 -0.86 -0.19	98.39 -0.91 0.00	110.34 -0.95 0.00	108.08 -0.82 0.00	87.99 -0.78 0.00	81.70 -0.79 0.00	70.72 -0.86 -0.83	85.65 -0.96 0.00	84.97 -1.12 0.00
YORK___WARBASSE 23770	109.21 4.18 -43.86	106.94 5.07 -23.64	74.57 4.22 -6.30	76.82 3.65 -17.32	75.41 3.68 -15.22	73.37 3.01 -25.25	74.80 3.66 -25.46	81.25 5.49 -17.55	80.09 5.50 -16.36	74.28 3.89 -27.19	81.44 5.95 -17.59	100.36 7.38 -21.76	100.17 6.36 -32.59	100.34 7.13 -24.49	100.62 7.42 -23.05	101.02 8.40 -13.41	146.73 10.86 -36.58	314.71 12.41 -191.02	362.14 11.82 -241.42	387.92 9.78 -289.37	356.44 9.26 -264.69	180.73 7.75 -102.23	128.50 9.10 -32.79	103.31 8.38 -8.84