

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/30/2025

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	149.52	69.59	131.95	172.15	147.87	183.20	124.68	141.52	133.53	93.76	88.85	99.63	89.90	87.82	100.74	118.12	97.01	138.72	123.54	178.81	121.95	107.25	71.23	79.17
24138	9.36	4.04	6.57	6.80	6.21	9.85	8.66	8.63	9.40	7.68	6.73	7.44	6.30	6.33	7.19	8.84	7.31	9.19	5.19	4.07	9.11	7.43	4.66	4.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-25.48	-15.03	0.00	-1.69	-0.56	-0.11	0.00	0.00	0.00	0.00	-28.40	-61.54	-127.98	0.00	0.00	-1.06	0.00
74TH STREET_GT_1	149.71	69.71	132.15	172.47	148.15	183.51	124.86	141.68	133.62	93.85	88.83	99.32	89.85	87.82	100.75	118.10	97.08	138.76	123.60	178.91	122.13	107.50	71.39	79.40
24260	9.55	4.15	6.77	7.12	6.50	10.16	8.83	8.77	9.49	7.77	6.77	7.46	6.31	6.34	7.19	8.83	7.38	9.23	5.23	4.15	9.29	7.67	4.82	4.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-25.49	-15.03	0.00	-1.64	-0.24	-0.05	0.00	0.00	0.00	0.00	-28.41	-61.55	-128.01	0.00	0.00	-1.06	0.00
74TH STREET_GT_2	149.71	69.71	132.15	172.47	148.15	183.51	124.86	141.68	133.62	93.85	88.83	99.32	89.85	87.82	100.75	118.10	97.08	138.76	123.60	178.91	122.13	107.50	71.39	79.40
24261	9.55	4.15	6.77	7.12	6.50	10.16	8.83	8.77	9.49	7.77	6.77	7.46	6.31	6.34	7.19	8.83	7.38	9.23	5.23	4.15	9.29	7.67	4.82	4.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-25.49	-15.03	0.00	-1.64	-0.24	-0.05	0.00	0.00	0.00	0.00	-28.41	-61.55	-128.01	0.00	0.00	-1.06	0.00
ADK HUDSON___FALLS	153.09	71.49	136.31	178.11	152.46	187.48	126.71	148.90	136.86	92.33	87.92	97.18	88.19	86.58	99.28	116.55	96.00	145.04	139.15	212.00	121.74	107.39	71.57	79.75
24011	12.92	5.93	10.93	12.76	10.80	14.14	10.68	9.35	8.81	6.25	5.48	5.56	4.69	5.09	5.72	7.28	6.31	8.10	4.75	3.88	8.90	7.56	4.71	4.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-32.13	-18.95	0.00	-2.01	0.00	0.00	0.00	0.00	0.00	0.00	-35.81	-77.59	-161.37	0.00	0.00	-1.34	0.00
ADK RESOURCE___RCVRY	153.96	71.87	136.91	178.85	153.13	188.55	127.59	149.45	137.12	92.35	88.00	97.08	87.98	86.47	99.25	116.56	95.95	145.24	139.38	212.33	121.97	107.52	71.62	79.78
23798	13.80	6.30	11.53	13.50	11.47	15.20	11.57	9.86	9.04	6.27	5.56	5.45	4.48	4.99	5.70	7.28	6.26	8.27	4.90	4.03	9.13	7.69	4.77	5.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-32.17	-18.97	0.00	-2.01	0.00	0.00	0.00	0.00	0.00	0.00	-35.85	-77.67	-161.54	0.00	0.00	-1.34	0.00
ADK S GLENS___FALLS	153.09	71.49	136.31	178.11	152.46	187.48	126.71	148.90	136.86	92.33	87.92	97.18	88.19	86.58	99.28	116.55	96.00	145.04	139.15	212.00	121.74	107.39	71.57	79.75
24028	12.92	5.93	10.93	12.76	10.80	14.14	10.68	9.35	8.81	6.25	5.48	5.56	4.69	5.09	5.72	7.28	6.31	8.10	4.75	3.88	8.90	7.56	4.71	4.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-32.13	-18.95	0.00	-2.01	0.00	0.00	0.00	0.00	0.00	0.00	-35.81	-77.59	-161.37	0.00	0.00	-1.34	0.00
ADK_NYS___DAM	149.52	70.00	133.42	174.39	149.45	184.22	124.32	146.15	135.38	92.28	88.19	97.99	88.76	86.94	99.95	116.71	95.63	143.00	136.00	206.01	121.36	107.22	71.63	79.92
23527	9.36	4.44	8.04	9.04	7.79	10.87	8.30	7.74	7.99	6.20	5.83	6.37	5.27	5.45	6.39	7.44	5.94	7.33	4.34	3.59	8.52	7.40	4.83	5.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-31.00	-18.28	0.00	-1.94	0.00	0.00	0.00	0.00	0.00	0.00	-34.54	-74.84	-155.67	0.00	0.00	-1.29	0.00
AIR_PRODUCTS___DRP	144.56	67.65	129.08	169.08	144.87	177.55	119.15	141.49	130.58	88.66	85.32	94.74	86.18	84.22	96.15	111.27	91.51	138.26	133.45	204.20	115.87	102.66	69.09	77.39
24190	4.40	2.09	3.69	3.73	3.21	4.21	3.12	2.97	3.13	2.58	2.95	3.12	2.69	2.74	2.59	2.00	1.82	2.47	1.53	1.24	3.03	2.83	2.28	2.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-31.10	-18.34	0.00	-1.94	0.00	0.00	0.00	0.00	0.00	0.00	-34.67	-75.10	-156.20	0.00	0.00	-1.30	0.00
AKWESSNE_115KV_BK	138.59	65.04	125.08	166.72	142.20	172.41	113.83	105.51	106.69	84.23	79.26	90.95	83.24	81.13	93.39	109.00	89.38	100.15	56.16	46.27	112.20	99.12	65.04	74.95
355683	-1.57	-0.52	-0.30	1.37	0.54	-0.94	-2.20	-1.91	-2.41	-1.84	-1.17	-0.67	-0.26	-0.34	-0.16	-0.28	-0.32	-0.98	-0.66	-0.48	-0.64	-0.71	-0.48	0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	149.86	70.11	133.94	175.63	150.64	184.78	124.03	144.93	133.48	89.89	86.47	95.26	86.53	84.62	96.49	113.10	94.56	141.18	133.70	201.99	120.17	106.37	71.31	80.06
323833	9.70	4.56	8.56	10.28	8.98	11.43	8.00	7.20	6.51	3.81	4.15	3.64	3.04	3.14	2.94	3.82	4.87	6.28	3.71	3.03	7.33	6.55	4.54	5.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-30.31	-17.88	0.00	-1.89	0.00	0.00	0.00	0.00	0.00	0.00	-33.78	-73.18	-152.20	0.00	0.00	-1.27	0.00
ALBANY_2_SOLAR	149.83	70.11	133.94	175.60	150.64	184.75	124.00	144.92	133.46	89.87	86.45	95.26	86.53	84.62	96.49	113.09	94.55	141.16	133.70	202.00	120.17	106.35	71.31	80.06
323834	9.67	4.56	8.56	10.25	8.98	11.40	7.98	7.19	6.48	3.80	4.13	3.64	3.04	3.14	2.94	3.81	4.85	6.26	3.71	3.03	7.33	6.52	4.53	5.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-30.31	-17.88	0.00	-1.89	0.00	0.00	0.00	0.00	0.00	0.00	-33.78	-73.18	-152.21	0.00	0.00	-1.27	0.00
ALBANY___1	144.56	67.65	129.08	169.08	144.87	177.55	119.15	141.49	130.58	88.66	85.32	94.74	86.18	84.22	96.15	111.27	91.51	138.26	133.45	204.20	115.87	102.66	69.09	77.39
23571	4.40	2.09	3.69	3.73	3.21	4.21	3.12	2.97	3.13	2.58	2.95	3.12	2.69	2.74	2.59	2.00	1.82	2.47	1.53	1.24	3.03	2.83	2.28	2.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-31.10	-18.34	0.00	-1.94	0.00	0.00	0.00	0.00	0.00	0.00	-34.67	-75.10	-156.20	0.00	0.00	-1.30	0.00

ALBANY___2 23572	144.56 4.40 0.00	67.65 2.09 0.00	129.08 3.69 0.00	169.08 3.73 0.00	144.87 3.21 0.00	177.55 4.21 0.00	119.15 3.12 0.00	141.49 2.97 -31.10	130.58 3.13 -18.34	88.66 2.58 0.00	85.32 2.95 -1.94	94.74 3.12 0.00	86.18 2.69 0.00	84.22 2.74 0.00	96.15 2.59 0.00	111.27 2.00 0.00	91.51 1.82 0.00	138.26 2.47 -34.67	133.45 1.53 -75.10	204.20 1.24 -156.20	115.87 3.03 0.00	102.66 2.83 0.00	69.09 2.28 -1.30	77.39 2.62 0.00
ALBANY___3 23573	144.56 4.40 0.00	67.65 2.09 0.00	129.08 3.69 0.00	169.08 3.73 0.00	144.87 3.21 0.00	177.55 4.21 0.00	119.15 3.12 0.00	141.49 2.97 -31.10	130.58 3.13 -18.34	88.66 2.58 0.00	85.32 2.95 -1.94	94.74 3.12 0.00	86.18 2.69 0.00	84.22 2.74 0.00	96.15 2.59 0.00	111.27 2.00 0.00	91.51 1.82 0.00	138.26 2.47 -34.67	133.45 1.53 -75.10	204.20 1.24 -156.20	115.87 3.03 0.00	102.66 2.83 0.00	69.09 2.28 -1.30	77.39 2.62 0.00
ALBANY___4 23574	144.56 4.40 0.00	67.65 2.09 0.00	129.08 3.69 0.00	169.08 3.73 0.00	144.87 3.21 0.00	177.55 4.21 0.00	119.15 3.12 0.00	141.49 2.97 -31.10	130.58 3.13 -18.34	88.66 2.58 0.00	85.32 2.95 -1.94	94.74 3.12 0.00	86.18 2.69 0.00	84.22 2.74 0.00	96.15 2.59 0.00	111.27 2.00 0.00	91.51 1.82 0.00	138.26 2.47 -34.67	133.45 1.53 -75.10	204.20 1.24 -156.20	115.87 3.03 0.00	102.66 2.83 0.00	69.09 2.28 -1.30	77.39 2.62 0.00
ALBANY___LFGE 323615	145.86 5.70 0.00	68.22 2.66 0.00	130.15 4.77 0.00	170.48 5.13 0.00	146.12 4.46 0.00	179.29 5.94 0.00	120.48 4.46 0.00	143.06 4.24 -31.40	132.04 4.42 -18.52	89.65 3.57 0.00	86.12 3.73 -1.96	95.62 4.00 0.00	86.97 3.47 0.00	84.97 3.49 0.00	97.09 3.54 0.00	112.68 3.40 0.00	92.67 2.98 0.00	139.93 3.81 -35.00	134.89 2.25 -75.83	206.29 1.83 -157.71	117.21 4.37 0.00	103.75 3.92 0.00	69.71 2.89 -1.31	77.98 3.21 0.00
ALCOA_PA_115KV_PL-6C 55860	139.97 -0.19 0.00	65.65 0.09 0.00	126.28 0.89 0.00	168.34 2.99 0.00	143.53 1.87 0.00	173.89 0.54 0.00	114.85 -1.17 0.00	106.15 -1.27 0.00	107.25 -1.85 0.00	84.74 -1.34 0.00	79.76 -0.66 0.00	91.54 -0.09 0.00	83.74 0.24 0.00	81.60 0.12 0.00	93.97 0.42 0.00	109.42 0.14 0.00	89.67 -0.02 0.00	100.45 -0.67 0.00	56.30 -0.51 0.00	46.41 -0.35 0.00	112.48 -0.35 0.00	99.85 0.02 0.00	65.56 0.05 0.00	75.59 0.82 0.00
ALCOA_RYNLDS___DRP 24188	139.97 -0.19 0.00	65.65 0.09 0.00	126.28 0.89 0.00	168.34 2.99 0.00	143.53 1.87 0.00	173.89 0.54 0.00	114.85 -1.17 0.00	106.15 -1.27 0.00	107.25 -1.85 0.00	84.74 -1.34 0.00	79.76 -0.66 0.00	91.54 -0.09 0.00	83.74 0.24 0.00	81.60 0.12 0.00	93.97 0.42 0.00	109.42 0.14 0.00	89.67 -0.02 0.00	100.45 -0.67 0.00	56.30 -0.51 0.00	46.41 -0.35 0.00	112.48 -0.35 0.00	99.85 0.02 0.00	65.56 0.05 0.00	75.59 0.82 0.00
ALCOA___DSASP 323711	139.97 -0.19 0.00	65.65 0.09 0.00	126.28 0.90 0.00	168.34 2.99 0.00	143.53 1.87 0.00	173.89 0.54 0.00	114.85 -1.17 0.00	106.15 -1.27 0.00	107.25 -1.85 0.00	84.74 -1.34 0.00	79.76 -0.66 0.00	91.54 -0.08 0.00	83.74 0.24 0.00	81.60 0.12 0.00	93.98 0.42 0.00	109.42 0.14 0.00	89.67 -0.02 0.00	100.49 -0.64 0.00	56.32 -0.50 0.00	46.41 -0.35 0.00	112.50 -0.34 0.00	99.85 0.02 0.00	65.56 0.04 0.00	75.60 0.83 0.00
ALLEGHENY___COGEN 23514	137.07 -3.09 0.00	63.84 -1.72 0.00	121.92 -3.46 0.00	159.71 -5.64 0.00	137.16 -4.50 0.00	169.57 -3.78 0.00	115.19 -0.84 0.00	110.48 -1.31 -4.38	110.63 -1.05 -2.58	84.00 -2.08 0.00	77.82 -2.88 -0.27	87.82 -3.80 0.00	80.63 -2.87 0.00	76.86 -4.61 0.00	88.93 -4.63 0.00	102.00 -7.27 0.00	84.48 -5.30 -0.09	114.90 -5.10 -18.87	77.16 -2.69 -23.03	74.77 -2.48 -30.49	56.99 -6.47 49.38	52.89 -6.31 40.63	54.01 -4.26 7.24	68.38 -5.01 1.38
ALTAMONT_115KV_TB 2 55880	145.11 4.95 0.00	67.84 2.28 0.00	129.47 4.09 0.00	169.66 4.31 0.00	145.44 3.78 0.00	178.75 5.40 0.00	120.31 4.29 0.00	142.55 4.06 -31.08	131.64 4.21 -18.33	89.42 3.34 0.00	85.44 3.07 -1.94	94.98 3.36 0.00	86.34 2.84 0.00	84.44 2.95 0.00	96.72 3.17 0.00	112.71 3.43 0.00	92.65 2.96 0.00	139.47 3.71 -34.63	134.04 2.19 -75.03	204.61 1.80 -156.05	116.95 4.11 0.00	103.46 3.63 0.00	69.28 2.47 -1.30	77.37 2.60 0.00
ALTONA_WT_PWR 323606	136.39 -3.78 0.00	64.01 -1.55 0.00	123.83 -1.56 0.00	165.34 -0.01 0.00	140.62 -1.04 0.00	171.92 -1.43 0.00	114.16 -1.86 0.00	105.63 -1.78 0.00	106.25 -2.85 0.00	83.44 -2.64 0.00	78.79 -1.64 0.00	90.71 -0.91 0.00	82.86 -0.64 0.00	81.48 0.00 0.00	94.58 1.02 0.00	110.51 1.23 0.00	90.27 0.58 0.00	100.51 -0.62 0.00	56.27 -0.54 0.00	46.29 -0.46 0.00	111.45 -1.39 0.00	98.28 -1.54 0.00	64.29 -1.22 0.00	74.98 0.21 0.00
AMERICAN_REF_FUEL 24010	127.19 -12.96 0.00	59.43 -6.13 0.00	113.66 -11.72 0.00	149.42 -15.94 0.00	128.10 -13.55 0.00	158.72 -14.63 0.00	105.84 -10.18 0.00	99.71 -11.63 -3.92	100.19 -11.22 -2.32	77.21 -8.87 0.00	71.16 -9.55 -0.27	80.19 -11.44 -0.01	73.27 -10.23 0.00	70.37 -11.11 -0.01	81.22 -12.33 0.00	93.91 -15.37 0.00	76.82 -12.85 0.02	75.76 -14.03 11.33	43.13 -7.79 5.90	38.34 -6.40 2.01	40.82 -15.51 56.51	46.50 -13.79 39.54	41.76 -8.43 15.33	64.28 -9.63 0.86
ARKWRIGHT___SUMMIT_WT_PWR 323751	134.72 -5.44 0.00	62.85 -2.71 0.00	120.37 -5.01 0.00	158.59 -6.76 0.00	135.70 -5.96 0.00	168.66 -4.69 0.00	113.66 -2.36 0.00	107.81 -3.98 -4.37	108.25 -3.43 -2.58	83.26 -2.82 0.00	77.00 -3.69 -0.27	86.73 -4.89 0.00	79.04 -4.46 0.00	75.19 -6.29 0.00	85.05 -8.50 0.00	99.29 -9.99 0.00	81.03 -8.64 0.02	77.94 -9.89 13.29	40.60 -6.50 9.71	24.51 -5.86 16.38	16.92 -14.24 81.67	35.15 -13.03 51.66	39.10 -8.01 18.40	64.80 -8.91 1.06
ARTHUR KILL_GT_1 23520	149.29 9.13 0.00	69.65 4.09 0.00	131.65 6.27 0.00	171.47 6.12 0.00	147.24 5.59 0.00	182.47 9.12 0.00	124.01 7.98 0.00	140.72 7.82 -25.49	132.78 8.63 -15.04	93.35 7.25 -0.02	85.30 5.90 1.03	89.56 6.44 8.51	86.10 5.35 2.75	86.92 5.44 0.01	99.70 6.16 0.01	116.94 7.67 0.01	94.38 6.55 1.86	130.43 8.40 -20.91	123.28 4.92 -61.55	178.68 3.92 -128.01	121.69 8.85 0.00	107.02 7.19 0.00	71.10 4.52 -1.06	79.06 4.29 0.00
ARTHUR_KILL_2 23512	148.87 8.71 0.00	69.45 3.89 0.00	131.26 5.87 0.00	170.96 5.61 0.00	146.79 5.13 0.00	181.89 8.54 0.00	123.57 7.55 0.00	140.37 7.46 -25.49	132.40 8.26 -15.04	93.07 6.97 -0.02	85.08 5.68 1.03	89.31 6.19 8.51	85.88 5.13 2.75	86.72 5.24 0.01	99.48 5.94 0.01	116.62 7.35 0.01	94.09 6.26 1.86	130.10 8.07 -20.91	123.09 4.73 -61.55	178.52 3.76 -128.01	121.31 8.48 0.00	106.67 6.84 0.00	70.89 4.31 -1.06	78.83 4.06 0.00
ARTHUR_KILL_3 23513	147.90 7.74 0.00	68.82 3.26 0.00	130.58 5.20 0.00	170.35 4.99 0.00	146.25 4.59 0.00	181.14 7.80 0.00	123.26 7.24 0.00	140.23 7.32 -25.49	132.07 7.92 -15.04	92.64 6.54 -0.02	85.72 5.48 0.19	93.10 5.99 4.52	84.65 4.98 3.83	84.27 5.06 2.27	97.12 5.72 2.15	114.34 7.13 2.07	91.67 6.08 4.10	125.71 7.85 -16.74	119.90 4.43 -58.65	174.39 3.45 -124.18	114.36 7.71 6.19	103.94 6.22 2.10	69.54 3.88 -0.15	78.00 3.54 0.31

ARTHUR_KILL_COGEN 323718	149.29 9.13 0.00	69.65 4.09 0.00	131.65 6.27 0.00	171.47 6.12 0.00	147.24 5.59 0.00	182.47 9.12 0.00	124.01 7.98 0.00	140.72 7.82 -25.49	132.78 8.63 -15.04	93.35 7.25 -0.02	85.30 5.90 1.03	89.56 6.44 8.51	86.10 5.35 2.75	86.92 5.44 0.01	99.70 6.16 0.01	116.94 7.67 0.01	94.38 6.55 1.86	130.43 8.40 -20.91	123.28 4.92 -61.55	178.68 3.92 -128.01	121.69 8.85 0.00	107.02 7.19 0.00	71.10 4.52 -1.06	79.06 4.29 0.00
ASHOKAN____ 23654	149.91 9.74 0.00	69.99 4.43 0.00	133.42 8.03 0.00	174.73 9.38 0.00	150.16 8.50 0.00	185.16 11.81 0.00	125.19 9.17 0.00	144.35 8.47 -28.46	134.56 8.67 -16.78	92.75 6.67 0.00	87.71 5.51 -1.78	97.31 5.68 0.00	87.88 4.38 0.00	85.79 4.31 0.00	98.39 4.84 0.00	115.46 6.19 0.00	95.85 6.16 0.00	140.82 7.99 -31.71	129.97 4.47 -68.69	193.24 3.62 -142.86	122.09 9.26 0.00	107.61 7.79 0.00	71.62 4.93 -1.19	80.03 5.26 0.00
ASTORIA_EAST_ENERGY_CC1 323581	148.90 8.74 0.00	69.20 3.64 0.00	131.09 5.71 0.00	170.89 5.54 0.00	146.96 5.30 0.00	182.01 8.66 0.00	123.98 7.96 0.00	140.92 8.02 -25.49	132.89 8.76 -15.03	93.31 7.23 0.00	88.18 6.11 -1.65	98.64 6.72 -0.30	89.13 5.57 -0.06	87.14 5.66 0.00	99.97 6.41 0.00	117.22 7.95 0.00	96.38 6.69 0.00	138.05 8.51 -28.41	123.18 4.82 -61.55	178.57 3.80 -128.01	121.49 8.65 0.00	107.10 7.28 0.00	71.07 4.49 -1.06	78.83 4.06 0.00
ASTORIA_EAST_ENERGY_CC2 323582	148.89 8.73 0.00	69.20 3.64 0.00	131.09 5.71 0.00	170.89 5.54 0.00	146.96 5.30 0.00	182.01 8.66 0.00	123.98 7.96 0.00	140.92 8.02 -25.49	132.89 8.76 -15.03	93.31 7.23 0.00	88.18 6.11 -1.65	98.64 6.72 -0.30	89.13 5.57 -0.06	87.14 5.66 0.00	99.97 6.41 0.00	117.22 7.95 0.00	96.38 6.69 0.00	138.05 8.51 -28.41	123.18 4.82 -61.55	178.57 3.80 -128.01	121.49 8.65 0.00	107.06 7.23 0.00	71.06 4.48 -1.06	78.83 4.06 0.00
ASTORIA_GT2_1 24094	148.95 8.80 0.00	69.22 3.67 0.00	131.12 5.73 0.00	170.98 5.63 0.00	146.99 5.33 0.00	182.14 8.79 0.00	124.05 8.03 0.00	140.97 8.06 -25.49	132.94 8.81 -15.03	93.35 7.27 0.00	88.25 6.17 -1.65	98.70 6.78 -0.30	89.18 5.62 -0.06	87.19 5.71 0.00	100.05 6.49 0.00	117.27 8.00 0.00	96.42 6.73 0.00	138.08 8.55 -28.41	123.21 4.85 -61.55	178.60 3.83 -128.01	121.48 8.64 0.00	107.11 7.28 0.00	71.07 4.50 -1.06	78.87 4.11 0.00
ASTORIA_GT2_2 24095	148.95 8.80 0.00	69.22 3.67 0.00	131.12 5.73 0.00	170.98 5.63 0.00	146.99 5.33 0.00	182.14 8.79 0.00	124.05 8.03 0.00	140.97 8.06 -25.49	132.94 8.81 -15.03	93.35 7.27 0.00	88.25 6.17 -1.65	98.70 6.78 -0.30	89.18 5.62 -0.06	87.19 5.71 0.00	100.05 6.49 0.00	117.27 8.00 0.00	96.42 6.73 0.00	138.08 8.55 -28.41	123.21 4.85 -61.55	178.60 3.83 -128.01	121.48 8.64 0.00	107.11 7.28 0.00	71.07 4.50 -1.06	78.87 4.11 0.00
ASTORIA_GT2_3 24096	148.95 8.80 0.00	69.22 3.67 0.00	131.12 5.73 0.00	170.98 5.63 0.00	146.99 5.33 0.00	182.14 8.79 0.00	124.05 8.03 0.00	140.97 8.06 -25.49	132.94 8.81 -15.03	93.35 7.27 0.00	88.25 6.17 -1.65	98.70 6.78 -0.30	89.18 5.62 -0.06	87.19 5.71 0.00	100.05 6.49 0.00	117.27 8.00 0.00	96.42 6.73 0.00	138.08 8.55 -28.41	123.21 4.85 -61.55	178.60 3.83 -128.01	121.48 8.64 0.00	107.11 7.28 0.00	71.07 4.50 -1.06	78.87 4.11 0.00
ASTORIA_GT2_4 24097	148.95 8.80 0.00	69.22 3.67 0.00	131.12 5.73 0.00	170.98 5.63 0.00	146.99 5.33 0.00	182.14 8.79 0.00	124.05 8.03 0.00	140.97 8.06 -25.49	132.94 8.81 -15.03	93.35 7.27 0.00	88.25 6.17 -1.65	98.70 6.78 -0.30	89.18 5.62 -0.06	87.19 5.71 0.00	100.05 6.49 0.00	117.27 8.00 0.00	96.42 6.73 0.00	138.08 8.55 -28.41	123.21 4.85 -61.55	178.60 3.83 -128.01	121.48 8.64 0.00	107.11 7.28 0.00	71.07 4.50 -1.06	78.87 4.11 0.00
ASTORIA_GT3_1 24098	148.95 8.80 0.00	69.22 3.67 0.00	131.12 5.73 0.00	170.98 5.63 0.00	146.99 5.33 0.00	182.14 8.79 0.00	124.05 8.03 0.00	140.97 8.06 -25.49	132.94 8.81 -15.03	93.35 7.27 0.00	88.25 6.17 -1.65	98.70 6.78 -0.30	89.18 5.62 -0.06	87.19 5.71 0.00	100.05 6.49 0.00	117.27 8.00 0.00	96.42 6.73 0.00	138.08 8.55 -28.41	123.21 4.85 -61.55	178.60 3.83 -128.01	121.48 8.64 0.00	107.11 7.28 0.00	71.07 4.50 -1.06	78.87 4.11 0.00
ASTORIA_GT3_2 24099	148.95 8.80 0.00	69.22 3.67 0.00	131.12 5.73 0.00	170.98 5.63 0.00	146.99 5.33 0.00	182.14 8.79 0.00	124.05 8.03 0.00	140.97 8.06 -25.49	132.94 8.81 -15.03	93.35 7.27 0.00	88.25 6.17 -1.65	98.70 6.78 -0.30	89.18 5.62 -0.06	87.19 5.71 0.00	100.05 6.49 0.00	117.27 8.00 0.00	96.42 6.73 0.00	138.08 8.55 -28.41	123.21 4.85 -61.55	178.60 3.83 -128.01	121.48 8.64 0.00	107.11 7.28 0.00	71.07 4.50 -1.06	78.87 4.11 0.00
ASTORIA_GT3_3 24100	148.95 8.80 0.00	69.22 3.67 0.00	131.12 5.73 0.00	170.98 5.63 0.00	146.99 5.33 0.00	182.14 8.79 0.00	124.05 8.03 0.00	140.97 8.06 -25.49	132.94 8.81 -15.03	93.35 7.27 0.00	88.25 6.17 -1.65	98.70 6.78 -0.30	89.18 5.62 -0.06	87.19 5.71 0.00	100.05 6.49 0.00	117.27 8.00 0.00	96.42 6.73 0.00	138.08 8.55 -28.41	123.21 4.85 -61.55	178.60 3.83 -128.01	121.48 8.64 0.00	107.11 7.28 0.00	71.07 4.50 -1.06	78.87 4.11 0.00
ASTORIA_GT3_4 24101	148.95 8.80 0.00	69.22 3.67 0.00	131.12 5.73 0.00	170.98 5.63 0.00	146.99 5.33 0.00	182.14 8.79 0.00	124.05 8.03 0.00	140.97 8.06 -25.49	132.94 8.81 -15.03	93.35 7.27 0.00	88.25 6.17 -1.65	98.70 6.78 -0.30	89.18 5.62 -0.06	87.19 5.71 0.00	100.05 6.49 0.00	117.27 8.00 0.00	96.42 6.73 0.00	138.08 8.55 -28.41	123.21 4.85 -61.55	178.60 3.83 -128.01	121.48 8.64 0.00	107.11 7.28 0.00	71.07 4.50 -1.06	78.87 4.11 0.00
ASTORIA_GT4_1 24102	148.95 8.80 0.00	69.22 3.67 0.00	131.12 5.73 0.00	170.98 5.63 0.00	146.99 5.33 0.00	182.14 8.79 0.00	124.05 8.03 0.00	140.97 8.06 -25.49	132.94 8.81 -15.03	93.35 7.27 0.00	88.25 6.17 -1.65	98.70 6.78 -0.30	89.18 5.62 -0.06	87.19 5.71 0.00	100.05 6.49 0.00	117.27 8.00 0.00	96.42 6.73 0.00	138.08 8.55 -28.41	123.21 4.85 -61.55	178.60 3.83 -128.01	121.48 8.64 0.00	107.11 7.28 0.00	71.07 4.50 -1.06	78.87 4.11 0.00
ASTORIA_GT4_2 24103	148.95 8.80 0.00	69.22 3.67 0.00	131.12 5.73 0.00	170.98 5.63 0.00	146.99 5.33 0.00	182.14 8.79 0.00	124.05 8.03 0.00	140.97 8.06 -25.49	132.94 8.81 -15.03	93.35 7.27 0.00	88.25 6.17 -1.65	98.70 6.78 -0.30	89.18 5.62 -0.06	87.19 5.71 0.00	100.05 6.49 0.00	117.27 8.00 0.00	96.42 6.73 0.00	138.08 8.55 -28.41	123.21 4.85 -61.55	178.60 3.83 -128.01	121.48 8.64 0.00	107.11 7.28 0.00	71.07 4.50 -1.06	78.87 4.11 0.00
ASTORIA_GT4_3 24104	148.95 8.80 0.00	69.22 3.67 0.00	131.12 5.73 0.00	170.98 5.63 0.00	146.99 5.33 0.00	182.14 8.79 0.00	124.05 8.03 0.00	140.97 8.06 -25.49	132.94 8.81 -15.03	93.35 7.27 0.00	88.25 6.17 -1.65	98.70 6.78 -0.30	89.18 5.62 -0.06	87.19 5.71 0.00	100.05 6.49 0.00	117.27 8.00 0.00	96.42 6.73 0.00	138.08 8.55 -28.41	123.21 4.85 -61.55	178.60 3.83 -128.01	121.48 8.64 0.00	107.11 7.28 0.00	71.07 4.50 -1.06	78.87 4.11 0.00

ASTORIA_GT4_4 24105	148.95 8.80 0.00	69.22 3.67 0.00	131.12 5.73 0.00	170.98 5.63 0.00	146.99 5.33 0.00	182.14 8.79 0.00	124.05 8.03 0.00	140.97 8.06 -25.49	132.94 8.81 -15.03	93.35 7.27 0.00	88.25 6.17 -1.65	98.70 6.78 -0.30	89.18 5.62 -0.06	87.19 5.71 0.00	100.05 6.49 0.00	117.27 8.00 0.00	96.42 6.73 0.00	138.08 8.55 -28.41	123.21 4.85 -61.55	178.60 3.83 -128.01	121.48 8.64 0.00	107.11 7.28 0.00	71.07 4.50 -1.06	78.87 4.11 0.00
ASTORIA_GT_1 23523	149.22 9.06 0.00	69.34 3.78 0.00	131.36 5.98 0.00	171.26 5.91 0.00	147.27 5.61 0.00	182.46 9.11 0.00	124.29 8.26 0.00	141.21 8.31 -25.49	133.17 9.04 -15.03	93.57 7.49 0.00	88.42 6.35 -1.65	98.91 6.99 -0.30	89.36 5.80 -0.06	87.38 5.90 0.00	100.25 6.70 0.00	117.51 8.23 0.00	96.63 6.94 0.00	138.34 8.81 -28.41	123.33 4.97 -61.55	178.70 3.94 -128.01	121.80 8.96 0.00	107.32 7.49 0.00	71.20 4.62 -1.06	79.00 4.23 0.00
ASTORIA_GT_10 24110	148.95 8.79 0.00	69.34 3.78 0.00	131.36 5.98 0.00	171.35 6.00 0.00	147.23 5.57 0.00	182.37 9.02 0.00	124.08 8.06 0.00	141.01 8.11 -25.49	132.93 8.80 -15.03	93.35 7.27 0.00	88.75 6.40 -1.93	100.49 7.01 -1.86	89.76 5.91 -0.35	87.45 5.98 0.00	100.34 6.78 0.00	117.60 8.32 0.00	96.63 6.94 0.00	138.27 8.74 -28.41	123.35 4.99 -61.55	178.68 3.91 -128.01	121.51 8.67 0.00	106.99 7.17 0.00	71.03 4.45 -1.06	78.95 4.18 0.00
ASTORIA_GT_11 24225	148.95 8.79 0.00	69.34 3.78 0.00	131.36 5.98 0.00	171.35 6.00 0.00	147.23 5.57 0.00	182.37 9.02 0.00	124.08 8.06 0.00	141.01 8.11 -25.49	132.93 8.80 -15.03	93.35 7.27 0.00	88.75 6.40 -1.93	100.49 7.01 -1.86	89.76 5.91 -0.35	87.45 5.98 0.00	100.34 6.78 0.00	117.60 8.32 0.00	96.63 6.94 0.00	138.27 8.74 -28.41	123.35 4.99 -61.55	178.68 3.91 -128.01	121.51 8.67 0.00	106.99 7.17 0.00	71.03 4.45 -1.06	78.95 4.18 0.00
ASTORIA_GT_12 24226	148.95 8.79 0.00	69.34 3.78 0.00	131.36 5.98 0.00	171.35 6.00 0.00	147.23 5.57 0.00	182.37 9.02 0.00	124.08 8.06 0.00	141.01 8.11 -25.49	132.93 8.80 -15.03	93.35 7.27 0.00	88.75 6.40 -1.93	100.49 7.01 -1.86	89.76 5.91 -0.35	87.45 5.98 0.00	100.34 6.78 0.00	117.60 8.32 0.00	96.63 6.94 0.00	138.27 8.74 -28.41	123.35 4.99 -61.55	178.68 3.91 -128.01	121.51 8.67 0.00	106.99 7.17 0.00	71.03 4.45 -1.06	78.95 4.18 0.00
ASTORIA_GT_13 24227	148.95 8.79 0.00	69.34 3.78 0.00	131.36 5.98 0.00	171.35 6.00 0.00	147.23 5.57 0.00	182.37 9.02 0.00	124.08 8.06 0.00	141.01 8.11 -25.49	132.93 8.80 -15.03	93.35 7.27 0.00	88.75 6.40 -1.93	100.49 7.01 -1.86	89.76 5.91 -0.35	87.45 5.98 0.00	100.34 6.78 0.00	117.60 8.32 0.00	96.63 6.94 0.00	138.27 8.74 -28.41	123.35 4.99 -61.55	178.68 3.91 -128.01	121.51 8.67 0.00	106.99 7.17 0.00	71.03 4.45 -1.06	78.95 4.18 0.00
ASTORIA_GT_5 24106	149.24 9.08 0.00	69.34 3.78 0.00	131.36 5.98 0.00	171.25 5.90 0.00	147.27 5.61 0.00	182.49 9.14 0.00	124.28 8.26 0.00	141.21 8.31 -25.49	133.17 9.04 -15.03	93.57 7.49 0.00	88.42 6.35 -1.65	98.91 6.99 -0.30	89.36 5.80 -0.06	87.38 5.90 0.00	100.25 6.70 0.00	117.51 8.23 0.00	96.63 6.94 0.00	138.36 8.83 -28.41	123.34 4.98 -61.55	178.70 3.93 -128.01	121.70 8.87 0.00	107.31 7.48 0.00	71.19 4.62 -1.06	79.00 4.23 0.00
ASTORIA_GT_7 24107	149.24 9.08 0.00	69.34 3.78 0.00	131.36 5.98 0.00	171.25 5.90 0.00	147.27 5.61 0.00	182.49 9.14 0.00	124.28 8.26 0.00	141.21 8.31 -25.49	133.17 9.04 -15.03	93.57 7.49 0.00	88.42 6.35 -1.65	98.91 6.99 -0.30	89.36 5.80 -0.06	87.38 5.90 0.00	100.25 6.70 0.00	117.51 8.23 0.00	96.63 6.94 0.00	138.36 8.83 -28.41	123.34 4.98 -61.55	178.70 3.93 -128.01	121.70 8.87 0.00	107.31 7.48 0.00	71.19 4.62 -1.06	79.00 4.23 0.00
ASTORIA_GT_8 24108	149.24 9.08 0.00	69.34 3.78 0.00	131.36 5.98 0.00	171.25 5.90 0.00	147.27 5.61 0.00	182.49 9.14 0.00	124.28 8.26 0.00	141.21 8.31 -25.49	133.17 9.04 -15.03	93.57 7.49 0.00	88.42 6.35 -1.65	98.91 6.99 -0.30	89.36 5.80 -0.06	87.38 5.90 0.00	100.25 6.70 0.00	117.51 8.23 0.00	96.63 6.94 0.00	138.36 8.83 -28.41	123.34 4.98 -61.55	178.70 3.93 -128.01	121.70 8.87 0.00	107.31 7.48 0.00	71.19 4.62 -1.06	79.00 4.23 0.00
ASTORIA___2 24149	148.96 8.80 0.00	69.22 3.66 0.00	131.12 5.74 0.00	170.99 5.64 0.00	147.00 5.34 0.00	182.12 8.77 0.00	124.05 8.03 0.00	140.97 8.06 -25.49	132.94 8.81 -15.03	93.35 7.28 0.00	88.25 6.17 -1.65	98.70 6.78 -0.30	89.18 5.63 -0.06	87.19 5.71 0.00	100.05 6.49 0.00	117.26 7.98 0.00	96.43 6.73 0.00	138.07 8.54 -28.41	123.22 4.85 -61.55	178.60 3.83 -128.01	121.55 8.71 0.00	107.12 7.29 0.00	71.07 4.50 -1.06	78.86 4.09 0.00
ASTORIA___3 23516	148.95 8.79 0.00	69.34 3.78 0.00	131.36 5.98 0.00	171.35 6.00 0.00	147.23 5.57 0.00	182.36 9.01 0.00	124.08 8.06 0.00	140.99 8.08 -25.49	132.93 8.80 -15.03	93.35 7.28 0.00	88.74 6.39 -1.93	100.49 7.01 -1.86	89.76 5.91 -0.35	87.46 5.98 0.00	100.34 6.79 0.00	117.58 8.30 0.00	96.63 6.94 0.00	138.26 8.73 -28.41	123.34 4.97 -61.55	178.68 3.91 -128.01	121.60 8.76 0.00	106.99 7.17 0.00	71.04 4.46 -1.06	78.95 4.18 0.00
ASTORIA___4 23517	148.95 8.79 0.00	69.34 3.78 0.00	131.36 5.98 0.00	171.35 6.00 0.00	147.23 5.57 0.00	182.37 9.02 0.00	124.08 8.06 0.00	141.01 8.11 -25.49	132.93 8.80 -15.03	93.35 7.27 0.00	88.75 6.40 -1.93	100.49 7.01 -1.86	89.76 5.91 -0.35	87.45 5.98 0.00	100.34 6.78 0.00	117.60 8.32 0.00	96.63 6.94 0.00	138.27 8.74 -28.41	123.35 4.99 -61.55	178.68 3.91 -128.01	121.51 8.67 0.00	106.99 7.17 0.00	71.03 4.45 -1.06	78.95 4.18 0.00
ASTORIA___5 23518	148.95 8.79 0.00	69.34 3.78 0.00	131.36 5.98 0.00	171.35 6.00 0.00	147.23 5.57 0.00	182.36 9.01 0.00	124.08 8.06 0.00	140.99 8.08 -25.49	132.93 8.80 -15.03	93.35 7.28 0.00	88.74 6.39 -1.93	100.49 7.01 -1.86	89.76 5.91 -0.35	87.46 5.98 0.00	100.34 6.79 0.00	117.58 8.30 0.00	96.63 6.94 0.00	138.26 8.73 -28.41	123.34 4.97 -61.55	178.68 3.91 -128.01	121.60 8.76 0.00	106.99 7.17 0.00	71.04 4.46 -1.06	78.95 4.18 0.00
AST_ENERGY_2_CC3 323677	148.25 8.09 0.00	69.00 3.44 0.00	130.75 5.37 0.00	170.51 5.16 0.00	146.46 4.79 0.00	181.43 8.08 0.00	123.44 7.42 0.00	140.35 7.45 -25.49	132.28 8.14 -15.03	92.80 6.72 0.00	87.85 5.83 -1.59	97.99 6.37 0.00	88.83 5.34 0.00	86.88 5.40 0.00	99.62 6.07 0.00	116.78 7.50 0.00	96.07 6.38 0.00	137.63 8.10 -28.41	122.95 4.59 -61.54	178.35 3.60 -128.00	120.93 8.09 0.00	106.43 6.61 0.00	70.71 4.13 -1.06	78.62 3.86 0.00
AST_ENERGY_2_CC4 323678	148.25 8.09 0.00	69.00 3.44 0.00	130.75 5.37 0.00	170.51 5.16 0.00	146.46 4.79 0.00	181.43 8.08 0.00	123.44 7.42 0.00	140.35 7.45 -25.49	132.28 8.14 -15.03	92.80 6.72 0.00	87.85 5.83 -1.59	97.99 6.37 0.00	88.83 5.34 0.00	86.88 5.40 0.00	99.62 6.07 0.00	116.78 7.50 0.00	96.07 6.38 0.00	137.63 8.10 -28.41	122.95 4.59 -61.54	178.35 3.60 -128.00	120.93 8.09 0.00	106.43 6.61 0.00	70.71 4.13 -1.06	78.62 3.86 0.00

ATHENS_STG_1 23668	145.86 5.70 0.00	68.09 2.54 0.00	129.80 4.42 0.00	169.78 4.43 0.00	145.67 4.01 0.00	179.51 6.16 0.00	121.22 5.20 0.00	140.39 5.03 -27.95	130.94 5.36 -16.48	90.45 4.37 0.00	86.04 3.87 -1.75	95.93 4.30 0.00	87.10 3.60 0.00	85.18 3.70 0.00	97.71 4.15 0.00	114.09 4.81 0.00	93.65 3.96 0.00	137.18 4.91 -31.15	127.13 2.83 -67.48	189.43 2.32 -140.35	118.06 5.22 0.00	104.30 4.48 0.00	69.58 2.91 -1.17	77.64 2.87 0.00
ATHENS_STG_2 23670	145.86 5.70 0.00	68.09 2.54 0.00	129.80 4.42 0.00	169.78 4.43 0.00	145.67 4.01 0.00	179.51 6.16 0.00	121.22 5.20 0.00	140.39 5.03 -27.95	130.94 5.36 -16.48	90.45 4.37 0.00	86.04 3.87 -1.75	95.93 4.30 0.00	87.10 3.60 0.00	85.18 3.70 0.00	97.71 4.15 0.00	114.09 4.81 0.00	93.65 3.96 0.00	137.18 4.91 -31.15	127.13 2.83 -67.48	189.43 2.32 -140.35	118.06 5.22 0.00	104.30 4.48 0.00	69.58 2.91 -1.17	77.64 2.87 0.00
ATHENS_STG_3 23677	145.86 5.70 0.00	68.09 2.54 0.00	129.80 4.42 0.00	169.78 4.43 0.00	145.67 4.01 0.00	179.51 6.16 0.00	121.22 5.20 0.00	140.39 5.03 -27.95	130.94 5.36 -16.48	90.45 4.37 0.00	86.04 3.87 -1.75	95.93 4.30 0.00	87.10 3.60 0.00	85.18 3.70 0.00	97.71 4.15 0.00	114.09 4.81 0.00	93.65 3.96 0.00	137.18 4.91 -31.15	127.13 2.83 -67.48	189.43 2.32 -140.35	118.06 5.22 0.00	104.30 4.48 0.00	69.58 2.91 -1.17	77.64 2.87 0.00
AUBURN___LFGE 323710	139.82 -0.34 0.00	65.10 -0.45 0.00	124.42 -0.96 0.00	163.58 -1.78 0.00	140.65 -1.01 0.00	172.54 -0.81 0.00	116.27 0.25 0.00	110.65 0.01 -3.23	111.29 0.29 -1.91	85.85 -0.23 0.00	79.78 -0.85 -0.20	90.35 -1.27 0.00	82.50 -1.01 0.00	80.28 -1.20 0.00	92.26 -1.29 0.00	108.23 -1.04 0.00	89.02 -0.67 0.00	107.66 -0.67 -7.20	67.87 -0.33 -11.39	68.38 -0.36 -21.99	131.60 -1.42 -20.18	112.55 -1.78 -14.50	69.38 -1.26 -5.13	73.48 -1.64 -0.34
BABYLON_RES_REC 323704	155.66 11.25 -4.25	120.72 5.11 -50.05	134.65 8.70 -0.58	174.45 9.10 0.00	149.95 8.29 0.00	185.17 11.82 0.00	127.11 10.03 -1.06	141.91 9.01 -25.48	140.77 10.52 -21.15	96.66 8.38 -2.21	89.29 7.24 -1.63	99.84 8.00 -0.21	90.03 6.49 -0.04	87.95 6.47 0.00	101.36 7.81 0.00	176.55 10.43 -56.84	98.03 8.31 -0.02	140.10 10.58 -28.40	124.33 5.99 -61.53	188.26 4.84 -136.67	132.24 10.96 -8.43	108.84 9.01 0.00	84.87 5.94 -13.41	90.54 5.91 -9.86
BABYLON__69_KV_BK2 356345	157.38 12.97 -4.25	121.50 5.90 -50.05	136.21 10.25 -0.58	176.37 11.02 0.00	151.45 9.79 0.00	187.17 13.82 0.00	128.26 11.18 -1.06	142.83 9.94 -25.48	142.00 11.75 -21.15	97.69 9.41 -2.21	90.30 8.25 -1.63	100.93 9.10 -0.21	90.97 7.43 -0.04	88.85 7.37 0.00	102.48 8.93 0.00	177.97 11.85 -56.84	99.04 9.33 -0.02	141.39 11.86 -28.40	125.01 6.68 -61.53	188.83 5.41 -136.67	133.55 12.28 -8.43	109.99 10.16 0.00	85.65 6.72 -13.41	91.41 6.78 -9.86
BALL_HILL_WT_PWR 323825	132.64 -7.52 0.00	61.90 -3.66 0.00	118.40 -6.98 0.00	155.79 -9.56 0.00	133.52 -8.14 0.00	165.46 -7.89 0.00	111.07 -4.95 0.00	105.21 -6.42 -4.21	105.75 -5.83 -2.48	81.35 -4.73 0.00	75.24 -5.45 -0.26	84.79 -6.83 0.00	77.42 -6.08 0.00	74.08 -7.40 0.00	84.95 -8.60 0.00	98.77 -10.50 0.00	80.75 -8.91 0.03	76.06 -10.08 14.98	41.35 -6.08 9.38	33.89 -5.28 7.59	30.12 -12.92 69.81	40.44 -11.63 47.75	40.03 -7.11 18.37	65.85 -7.93 0.99
BARON_WINDS___WT_PWR 323822	133.65 -6.51 0.00	62.62 -2.94 0.00	119.84 -5.54 0.00	157.12 -8.23 0.00	134.52 -7.14 0.00	165.68 -7.67 0.00	111.90 -4.13 0.00	108.79 -4.24 -5.61	109.37 -3.04 -3.31	83.01 -3.07 0.00	77.46 -3.32 -0.35	87.33 -4.29 0.00	79.89 -3.61 0.00	77.14 -4.34 0.00	88.64 -4.92 0.00	103.16 -6.12 0.00	83.85 -5.69 0.16	34.91 -7.02 59.20	3.14 -4.21 49.46	-10.71 -3.73 53.73	-50.48 -9.56 153.75	-11.15 -9.02 101.96	13.51 -6.06 45.95	66.13 -6.92 1.72
BARRETT_IC_1 23704	153.78 9.37 -4.25	119.84 4.24 -50.05	132.94 6.99 -0.58	172.40 7.05 0.00	148.24 6.58 0.00	182.25 8.90 0.00	124.90 7.82 -1.06	140.13 7.24 -25.48	138.59 8.33 -21.15	95.05 6.77 -2.21	87.99 5.93 -1.63	98.55 6.70 -0.22	88.98 5.44 -0.04	86.94 5.46 0.00	99.99 6.43 0.00	174.21 8.10 -56.84	96.36 6.65 -0.02	138.03 8.51 -28.40	123.20 4.86 -61.53	187.33 3.91 -136.67	130.05 8.78 -8.43	106.92 7.09 0.00	83.54 4.62 -13.41	89.09 4.46 -9.86
BARRETT_IC_10 23701	153.78 9.37 -4.25	119.84 4.24 -50.05	132.94 6.99 -0.58	172.40 7.05 0.00	148.24 6.58 0.00	182.25 8.90 0.00	124.90 7.82 -1.06	140.13 7.24 -25.48	138.59 8.33 -21.15	95.05 6.77 -2.21	87.99 5.93 -1.63	98.55 6.70 -0.22	88.98 5.44 -0.04	86.94 5.46 0.00	99.99 6.43 0.00	174.21 8.10 -56.84	96.36 6.65 -0.02	138.03 8.51 -28.40	123.20 4.86 -61.53	187.33 3.91 -136.67	130.05 8.78 -8.43	106.92 7.09 0.00	83.54 4.62 -13.41	89.09 4.46 -9.86
BARRETT_IC_11 23702	153.78 9.37 -4.25	119.84 4.24 -50.05	132.94 6.99 -0.58	172.40 7.05 0.00	148.24 6.58 0.00	182.25 8.90 0.00	124.90 7.82 -1.06	140.13 7.24 -25.48	138.59 8.33 -21.15	95.05 6.77 -2.21	87.99 5.93 -1.63	98.55 6.70 -0.22	88.98 5.44 -0.04	86.94 5.46 0.00	99.99 6.43 0.00	174.21 8.10 -56.84	96.36 6.65 -0.02	138.03 8.51 -28.40	123.20 4.86 -61.53	187.33 3.91 -136.67	130.05 8.78 -8.43	106.92 7.09 0.00	83.54 4.62 -13.41	89.09 4.46 -9.86
BARRETT_IC_12 23703	153.78 9.37 -4.25	119.84 4.24 -50.05	132.94 6.99 -0.58	172.40 7.05 0.00	148.24 6.58 0.00	182.25 8.90 0.00	124.90 7.82 -1.06	140.13 7.24 -25.48	138.59 8.33 -21.15	95.05 6.77 -2.21	87.99 5.93 -1.63	98.55 6.70 -0.22	88.98 5.44 -0.04	86.94 5.46 0.00	99.99 6.43 0.00	174.21 8.10 -56.84	96.36 6.65 -0.02	138.03 8.51 -28.40	123.20 4.86 -61.53	187.33 3.91 -136.67	130.05 8.78 -8.43	106.92 7.09 0.00	83.54 4.62 -13.41	89.09 4.46 -9.86
BARRETT_IC_2 23705	153.78 9.37 -4.25	119.84 4.24 -50.05	132.94 6.99 -0.58	172.40 7.05 0.00	148.24 6.58 0.00	182.25 8.90 0.00	124.90 7.82 -1.06	140.13 7.24 -25.48	138.59 8.33 -21.15	95.05 6.77 -2.21	87.99 5.93 -1.63	98.55 6.70 -0.22	88.98 5.44 -0.04	86.94 5.46 0.00	99.99 6.43 0.00	174.21 8.10 -56.84	96.36 6.65 -0.02	138.03 8.51 -28.40	123.20 4.86 -61.53	187.33 3.91 -136.67	130.05 8.78 -8.43	106.92 7.09 0.00	83.54 4.62 -13.41	89.09 4.46 -9.86
BARRETT_IC_3 23706	153.78 9.37 -4.25	119.84 4.24 -50.05	132.94 6.99 -0.58	172.40 7.05 0.00	148.24 6.58 0.00	182.25 8.90 0.00	124.90 7.82 -1.06	140.13 7.24 -25.48	138.59 8.33 -21.15	95.05 6.77 -2.21	87.99 5.93 -1.63	98.55 6.70 -0.22	88.98 5.44 -0.04	86.94 5.46 0.00	99.99 6.43 0.00	174.21 8.10 -56.84	96.36 6.65 -0.02	138.03 8.51 -28.40	123.20 4.86 -61.53	187.33 3.91 -136.67	130.05 8.78 -8.43	106.92 7.09 0.00	83.54 4.62 -13.41	89.09 4.46 -9.86
BARRETT_IC_4 23707	153.78 9.37 -4.25	119.84 4.24 -50.05	132.94 6.99 -0.58	172.40 7.05 0.00	148.24 6.58 0.00	182.25 8.90 0.00	124.90 7.82 -1.06	140.13 7.24 -25.48	138.59 8.33 -21.15	95.05 6.77 -2.21	87.99 5.93 -1.63	98.55 6.70 -0.22	88.98 5.44 -0.04	86.94 5.46 0.00	99.99 6.43 0.00	174.21 8.10 -56.84	96.36 6.65 -0.02	138.03 8.51 -28.40	123.20 4.86 -61.53	187.33 3.91 -136.67	130.05 8.78 -8.43	106.92 7.09 0.00	83.54 4.62 -13.41	89.09 4.46 -9.86

BARRETT_IC_5 23708	153.78 9.37 -4.25	119.84 4.24 -50.05	132.94 6.99 -0.58	172.40 7.05 0.00	148.24 6.58 0.00	182.25 8.90 0.00	124.90 7.82 -1.06	140.13 7.24 -25.48	138.59 8.33 -21.15	95.05 6.77 -2.21	87.99 5.93 -1.63	98.55 6.70 -0.22	88.98 5.44 -0.04	86.94 5.46 0.00	99.99 6.43 0.00	174.21 8.10 -56.84	96.36 6.65 -0.02	138.03 8.51 -28.40	123.20 4.86 -61.53	187.33 3.91 -136.67	130.05 8.78 -8.43	106.92 7.09 0.00	83.54 4.62 -13.41	89.09 4.46 -9.86
BARRETT_IC_6 23709	153.78 9.37 -4.25	119.84 4.24 -50.05	132.94 6.99 -0.58	172.40 7.05 0.00	148.24 6.58 0.00	182.25 8.90 0.00	124.90 7.82 -1.06	140.13 7.24 -25.48	138.59 8.33 -21.15	95.05 6.77 -2.21	87.99 5.93 -1.63	98.55 6.70 -0.22	88.98 5.44 -0.04	86.94 5.46 0.00	99.99 6.43 0.00	174.21 8.10 -56.84	96.36 6.65 -0.02	138.03 8.51 -28.40	123.20 4.86 -61.53	187.33 3.91 -136.67	130.05 8.78 -8.43	106.92 7.09 0.00	83.54 4.62 -13.41	89.09 4.46 -9.86
BARRETT_IC_7 23710	153.78 9.37 -4.25	119.84 4.24 -50.05	132.95 6.99 -0.58	172.40 7.05 0.00	148.24 6.58 0.00	182.27 8.93 0.00	124.88 7.80 -1.06	140.13 7.24 -25.48	138.59 8.34 -21.15	95.05 6.76 -2.21	87.99 5.94 -1.63	98.55 6.70 -0.22	88.98 5.44 -0.04	86.94 5.46 0.00	99.99 6.43 0.00	174.21 8.10 -56.84	96.36 6.64 -0.02	138.04 8.52 -28.40	123.20 4.86 -61.53	187.33 3.91 -136.67	129.97 8.70 -8.43	106.91 7.08 0.00	83.55 4.62 -13.41	89.10 4.47 -9.86
BARRETT_IC_8 23711	153.78 9.37 -4.25	119.84 4.24 -50.05	132.94 6.99 -0.58	172.40 7.05 0.00	148.24 6.58 0.00	182.25 8.90 0.00	124.90 7.82 -1.06	140.13 7.24 -25.48	138.59 8.33 -21.15	95.05 6.77 -2.21	87.99 5.93 -1.63	98.55 6.70 -0.22	88.98 5.44 -0.04	86.94 5.46 0.00	99.99 6.43 0.00	174.21 8.10 -56.84	96.36 6.65 -0.02	138.03 8.51 -28.40	123.20 4.86 -61.53	187.33 3.91 -136.67	130.05 8.78 -8.43	106.92 7.09 0.00	83.54 4.62 -13.41	89.09 4.46 -9.86
BARRETT_IC_9 23700	153.78 9.37 -4.25	119.84 4.24 -50.05	132.94 6.99 -0.58	172.40 7.05 0.00	148.24 6.58 0.00	182.25 8.90 0.00	124.90 7.82 -1.06	140.13 7.24 -25.48	138.59 8.33 -21.15	95.05 6.77 -2.21	87.99 5.93 -1.63	98.55 6.70 -0.22	88.98 5.44 -0.04	86.94 5.46 0.00	99.99 6.43 0.00	174.21 8.10 -56.84	96.36 6.65 -0.02	138.03 8.51 -28.40	123.20 4.86 -61.53	187.33 3.91 -136.67	130.05 8.78 -8.43	106.92 7.09 0.00	83.54 4.62 -13.41	89.09 4.46 -9.86
BARRETT___1 23545	153.78 9.37 -4.25	119.84 4.24 -50.05	132.94 6.99 -0.58	172.40 7.05 0.00	148.24 6.58 0.00	182.25 8.90 0.00	124.90 7.82 -1.06	140.13 7.24 -25.48	138.59 8.33 -21.15	95.05 6.77 -2.21	87.99 5.93 -1.63	98.55 6.70 -0.22	88.98 5.44 -0.04	86.94 5.46 0.00	99.99 6.43 0.00	174.21 8.10 -56.84	96.36 6.65 -0.02	138.03 8.51 -28.40	123.20 4.86 -61.53	187.33 3.91 -136.67	130.05 8.78 -8.43	106.92 7.09 0.00	83.54 4.62 -13.41	89.09 4.46 -9.86
BARRETT___2 23546	153.78 9.37 -4.25	119.84 4.24 -50.05	132.94 6.99 -0.58	172.40 7.05 0.00	148.24 6.58 0.00	182.25 8.90 0.00	124.90 7.82 -1.06	140.13 7.24 -25.48	138.59 8.33 -21.15	95.05 6.77 -2.21	87.99 5.93 -1.63	98.55 6.70 -0.22	88.98 5.44 -0.04	86.94 5.46 0.00	99.99 6.43 0.00	174.21 8.10 -56.84	96.36 6.65 -0.02	138.03 8.51 -28.40	123.20 4.86 -61.53	187.33 3.91 -136.67	130.05 8.78 -8.43	106.92 7.09 0.00	83.54 4.62 -13.41	89.09 4.46 -9.86
BATAVIA__115KV_TB1 55881	134.17 -5.99 0.00	62.59 -2.97 0.00	119.62 -5.77 0.00	157.27 -8.08 0.00	134.90 -6.76 0.00	167.26 -6.09 0.00	112.38 -3.64 0.00	106.00 -5.01 -3.60	106.44 -4.79 -2.14	81.89 -4.19 0.00	75.53 -5.20 -0.31	85.22 -6.43 -0.03	77.85 -5.67 -0.02	74.84 -6.66 -0.02	86.64 -6.92 -0.01	100.78 -8.50 0.00	82.78 -6.90 0.02	85.51 -7.28 8.33	49.33 -4.05 3.43	43.95 -3.41 -0.60	56.64 -8.49 47.71	58.35 -7.97 33.51	48.00 -4.90 12.62	68.43 -5.60 0.73
BAYONEEC___CTG1 323682	148.60 8.44 0.00	69.18 3.62 0.00	131.07 5.69 0.00	170.99 5.64 0.00	146.83 5.17 0.00	181.87 8.52 0.00	123.75 7.73 0.00	140.64 7.74 -25.49	132.53 8.40 -15.03	92.98 6.90 0.00	86.40 5.91 -0.06	95.75 6.45 2.32	87.31 5.39 1.59	86.93 5.45 0.00	99.72 6.16 0.00	116.92 7.65 0.00	94.29 6.45 1.86	128.52 8.26 -19.14	123.02 4.67 -61.54	178.32 3.66 -127.90	121.06 8.22 0.00	106.51 6.68 0.00	70.75 4.18 -1.06	78.69 3.92 0.00
BAYONEEC___CTG10 323750	148.60 8.44 0.00	69.18 3.62 0.00	131.07 5.69 0.00	170.99 5.64 0.00	146.83 5.17 0.00	181.87 8.52 0.00	123.75 7.73 0.00	140.64 7.74 -25.49	132.53 8.40 -15.03	92.98 6.90 0.00	86.40 5.91 -0.06	95.75 6.45 2.32	87.31 5.39 1.59	86.93 5.45 0.00	99.72 6.16 0.00	116.92 7.65 0.00	94.29 6.45 1.86	128.52 8.26 -19.14	123.02 4.67 -61.54	178.32 3.66 -127.90	121.06 8.22 0.00	106.51 6.68 0.00	70.75 4.18 -1.06	78.69 3.92 0.00
BAYONEEC___CTG2 323683	148.60 8.44 0.00	69.18 3.62 0.00	131.07 5.69 0.00	170.99 5.64 0.00	146.83 5.17 0.00	181.87 8.52 0.00	123.75 7.73 0.00	140.64 7.74 -25.49	132.53 8.40 -15.03	92.98 6.90 0.00	86.40 5.91 -0.06	95.75 6.45 2.32	87.31 5.39 1.59	86.93 5.45 0.00	99.72 6.16 0.00	116.92 7.65 0.00	94.29 6.45 1.86	128.52 8.26 -19.14	123.02 4.67 -61.54	178.32 3.66 -127.90	121.06 8.22 0.00	106.51 6.68 0.00	70.75 4.18 -1.06	78.69 3.92 0.00
BAYONEEC___CTG3 323684	148.60 8.44 0.00	69.18 3.62 0.00	131.07 5.69 0.00	170.99 5.64 0.00	146.83 5.17 0.00	181.87 8.52 0.00	123.75 7.73 0.00	140.64 7.74 -25.49	132.53 8.40 -15.03	92.98 6.90 0.00	86.40 5.91 -0.06	95.75 6.45 2.32	87.31 5.39 1.59	86.93 5.45 0.00	99.72 6.16 0.00	116.92 7.65 0.00	94.29 6.45 1.86	128.52 8.26 -19.14	123.02 4.67 -61.54	178.32 3.66 -127.90	121.06 8.22 0.00	106.51 6.68 0.00	70.75 4.18 -1.06	78.69 3.92 0.00
BAYONEEC___CTG4 323685	148.60 8.44 0.00	69.18 3.62 0.00	131.07 5.69 0.00	170.99 5.64 0.00	146.83 5.17 0.00	181.87 8.52 0.00	123.75 7.73 0.00	140.64 7.74 -25.49	132.53 8.40 -15.03	92.98 6.90 0.00	86.40 5.91 -0.06	95.75 6.45 2.32	87.31 5.39 1.59	86.93 5.45 0.00	99.72 6.16 0.00	116.92 7.65 0.00	94.29 6.45 1.86	128.52 8.26 -19.14	123.02 4.67 -61.54	178.32 3.66 -127.90	121.06 8.22 0.00	106.51 6.68 0.00	70.75 4.18 -1.06	78.69 3.92 0.00
BAYONEEC___CTG5 323686	148.60 8.44 0.00	69.18 3.62 0.00	131.07 5.69 0.00	170.99 5.64 0.00	146.83 5.17 0.00	181.87 8.52 0.00	123.75 7.73 0.00	140.64 7.74 -25.49	132.53 8.40 -15.03	92.98 6.90 0.00	86.40 5.91 -0.06	95.75 6.45 2.32	87.31 5.39 1.59	86.93 5.45 0.00	99.72 6.16 0.00	116.92 7.65 0.00	94.29 6.45 1.86	128.52 8.26 -19.14	123.02 4.67 -61.54	178.32 3.66 -127.90	121.06 8.22 0.00	106.51 6.68 0.00	70.75 4.18 -1.06	78.69 3.92 0.00
BAYONEEC___CTG6 323687	148.60 8.44 0.00	69.18 3.62 0.00	131.07 5.69 0.00	170.99 5.64 0.00	146.83 5.17 0.00	181.87 8.52 0.00	123.75 7.73 0.00	140.64 7.74 -25.49	132.53 8.40 -15.03	92.98 6.90 0.00	86.40 5.91 -0.06	95.75 6.45 2.32	87.31 5.39 1.59	86.93 5.45 0.00	99.72 6.16 0.00	116.92 7.65 0.00	94.29 6.45 1.86	128.52 8.26 -19.14	123.02 4.67 -61.54	178.32 3.66 -127.90	121.06 8.22 0.00	106.51 6.68 0.00	70.75 4.18 -1.06	78.69 3.92 0.00

BAYONEEC___CTG7 323688	148.60 8.44 0.00	69.18 3.62 0.00	131.07 5.69 0.00	170.99 5.64 0.00	146.83 5.17 0.00	181.87 8.52 0.00	123.75 7.73 0.00	140.64 7.74 -25.49	132.53 8.40 -15.03	92.98 6.90 0.00	86.40 5.91 -0.06	95.75 6.45 2.32	87.31 5.39 1.59	86.93 5.45 0.00	99.72 6.16 0.00	116.92 7.65 0.00	94.29 6.45 1.86	128.52 8.26 -19.14	123.02 4.67 -61.54	178.32 3.66 -127.90	121.06 8.22 0.00	106.51 6.68 0.00	70.75 4.18 -1.06	78.69 3.92 0.00
BAYONEEC___CTG8 323689	148.60 8.44 0.00	69.18 3.62 0.00	131.07 5.69 0.00	170.99 5.64 0.00	146.83 5.17 0.00	181.87 8.52 0.00	123.75 7.73 0.00	140.64 7.74 -25.49	132.53 8.40 -15.03	92.98 6.90 0.00	86.40 5.91 -0.06	95.75 6.45 2.32	87.31 5.39 1.59	86.93 5.45 0.00	99.72 6.16 0.00	116.92 7.65 0.00	94.29 6.45 1.86	128.52 8.26 -19.14	123.02 4.67 -61.54	178.32 3.66 -127.90	121.06 8.22 0.00	106.51 6.68 0.00	70.75 4.18 -1.06	78.69 3.92 0.00
BAYONEEC___CTG9 323749	148.60 8.44 0.00	69.18 3.62 0.00	131.07 5.69 0.00	170.99 5.64 0.00	146.83 5.17 0.00	181.87 8.52 0.00	123.75 7.73 0.00	140.64 7.74 -25.49	132.53 8.40 -15.03	92.98 6.90 0.00	86.40 5.91 -0.06	95.75 6.45 2.32	87.31 5.39 1.59	86.93 5.45 0.00	99.72 6.16 0.00	116.92 7.65 0.00	94.29 6.45 1.86	128.52 8.26 -19.14	123.02 4.67 -61.54	178.32 3.66 -127.90	121.06 8.22 0.00	106.51 6.68 0.00	70.75 4.18 -1.06	78.69 3.92 0.00
BEACON___LESR 323632	147.10 6.94 0.00	68.72 3.17 0.00	131.23 5.85 0.00	171.89 6.54 0.00	147.51 5.86 0.00	180.76 7.41 0.00	121.53 5.51 0.00	143.75 5.26 -31.08	132.77 5.34 -18.33	90.32 4.24 0.00	86.72 4.35 -1.94	95.98 4.36 0.00	87.28 3.78 0.00	85.14 3.65 0.00	97.41 3.85 0.00	113.15 3.87 0.00	93.39 3.70 0.00	140.66 4.90 -34.64	134.81 2.96 -75.04	205.24 2.42 -156.07	118.49 5.65 0.00	104.84 5.01 0.00	70.34 3.54 -1.30	78.72 3.95 0.00
BEAVER RIVER___HYD 24048	140.92 0.77 0.00	66.66 1.10 0.00	129.19 3.81 0.00	171.63 6.27 0.00	147.55 5.89 0.00	180.42 7.07 0.00	120.69 4.67 0.00	110.99 2.64 -0.93	111.53 1.88 -0.55	88.18 2.10 0.00	83.63 3.14 -0.06	94.97 3.35 0.00	85.10 1.60 0.00	82.67 1.19 0.00	95.87 2.32 0.00	113.08 3.80 0.00	92.74 3.05 0.00	103.57 1.41 -1.03	59.33 0.28 -2.24	51.99 0.57 -4.66	113.95 1.11 0.00	100.97 1.14 0.00	65.78 0.23 -0.04	74.67 -0.10 0.00
BEEBEE_GT_13 23619	134.56 -5.60 0.00	62.86 -2.70 0.00	120.04 -5.34 0.00	157.79 -7.56 0.00	135.43 -6.23 0.00	167.30 -6.05 0.00	112.39 -3.63 0.00	106.17 -4.34 -3.10	106.76 -4.17 -1.83	82.52 -3.56 0.00	76.55 -4.08 -0.20	86.73 -4.89 0.00	79.17 -4.33 0.00	76.53 -4.95 0.00	88.19 -5.36 0.00	102.86 -6.41 0.00	84.38 -5.32 0.00	93.00 -5.96 2.17	55.33 -3.32 -1.84	50.44 -2.79 -6.48	74.05 -7.13 31.66	70.36 -6.71 22.76	53.65 -4.15 7.71	69.58 -4.65 0.54
BENSHRST_27_KV_BENSHRST_1 355998	150.38 10.22 0.00	70.04 4.48 0.00	132.52 7.14 0.00	172.76 7.41 0.00	148.37 6.71 0.00	183.95 10.60 0.00	125.23 9.20 0.00	142.03 9.13 -25.49	134.10 9.95 -15.04	94.37 8.27 -0.02	90.30 7.08 -2.79	106.07 7.76 -6.68	91.36 6.59 -1.27	88.14 6.66 0.00	101.11 7.55 0.00	118.55 9.28 0.00	97.50 7.80 0.00	139.37 9.84 -28.41	124.00 5.64 -61.55	179.24 4.47 -128.01	122.87 10.03 0.00	108.13 8.31 0.00	71.76 5.18 -1.06	79.76 4.99 0.00
BETHLEHEM___GRP 23843	144.56 4.40 0.00	67.65 2.09 0.00	129.08 3.69 0.00	169.08 3.73 0.00	144.87 3.21 0.00	177.55 4.21 0.00	119.15 3.12 0.00	141.49 2.97 -31.10	130.58 3.13 -18.34	88.66 2.58 0.00	85.32 2.95 -1.94	94.74 3.12 0.00	86.18 2.69 0.00	84.22 2.74 0.00	96.15 2.59 0.00	111.27 2.00 0.00	91.51 1.82 0.00	138.26 2.47 -34.67	133.45 1.53 -75.10	204.20 1.24 -156.20	115.87 3.03 0.00	102.66 2.83 0.00	69.09 2.28 -1.30	77.39 2.62 0.00
BETHLEHEM___GS1 323560	144.56 4.40 0.00	67.64 2.08 0.00	129.07 3.69 0.00	169.09 3.73 0.00	144.87 3.22 0.00	177.55 4.20 0.00	119.14 3.12 0.00	141.49 2.97 -31.10	130.58 3.13 -18.34	88.66 2.58 0.00	85.30 2.93 -1.94	94.74 3.12 0.00	86.18 2.68 0.00	84.20 2.72 0.00	96.15 2.60 0.00	111.27 2.00 0.00	91.52 1.82 0.00	138.25 2.46 -34.67	133.44 1.53 -75.10	204.20 1.24 -156.20	115.92 3.08 0.00	102.67 2.84 0.00	69.09 2.29 -1.30	77.38 2.62 0.00
BETHLEHEM___GS2 323561	144.56 4.40 0.00	67.64 2.08 0.00	129.07 3.69 0.00	169.09 3.73 0.00	144.87 3.22 0.00	177.55 4.20 0.00	119.14 3.12 0.00	141.49 2.97 -31.10	130.58 3.13 -18.34	88.66 2.58 0.00	85.30 2.93 -1.94	94.74 3.12 0.00	86.18 2.68 0.00	84.20 2.72 0.00	96.15 2.60 0.00	111.27 2.00 0.00	91.52 1.82 0.00	138.25 2.46 -34.67	133.44 1.53 -75.10	204.20 1.24 -156.20	115.92 3.08 0.00	102.67 2.84 0.00	69.09 2.29 -1.30	77.38 2.62 0.00
BETHLEHEM___GS3 323562	144.56 4.40 0.00	67.64 2.08 0.00	129.07 3.69 0.00	169.09 3.73 0.00	144.87 3.22 0.00	177.55 4.20 0.00	119.14 3.12 0.00	141.49 2.97 -31.10	130.58 3.13 -18.34	88.66 2.58 0.00	85.30 2.93 -1.94	94.74 3.12 0.00	86.18 2.68 0.00	84.20 2.72 0.00	96.15 2.60 0.00	111.27 2.00 0.00	91.52 1.82 0.00	138.25 2.46 -34.67	133.44 1.53 -75.10	204.20 1.24 -156.20	115.92 3.08 0.00	102.67 2.84 0.00	69.09 2.29 -1.30	77.38 2.62 0.00
BETHLEHEM___STEEL 23779	131.92 -8.24 0.00	61.57 -3.99 0.00	117.73 -7.66 0.00	154.81 -10.54 0.00	132.74 -8.92 0.00	164.26 -9.09 0.00	110.15 -5.88 0.00	104.29 -7.33 -4.21	104.79 -6.79 -2.48	80.59 -5.49 0.00	74.55 -6.14 -0.26	84.04 -7.59 0.00	76.82 -6.68 0.00	73.68 -7.80 0.00	84.94 -8.62 0.00	98.62 -10.66 0.00	80.65 -9.02 0.03	76.74 -10.16 14.22	42.56 -5.91 8.34	36.68 -5.06 5.01	33.94 -12.19 66.70	42.31 -11.11 46.41	40.81 -6.79 17.91	66.31 -7.48 0.98
BETHLHEM_115KV_TB1 79974	144.61 4.45 0.00	67.66 2.10 0.00	129.08 3.69 0.00	169.12 3.76 0.00	144.94 3.28 0.00	177.73 4.38 0.00	119.33 3.30 0.00	141.65 3.16 -31.08	130.75 3.32 -18.33	88.81 2.73 0.00	85.34 2.97 -1.94	94.79 3.17 0.00	86.20 2.70 0.00	84.24 2.75 0.00	96.23 2.67 0.00	111.53 2.25 0.00	91.72 2.02 0.00	138.46 2.70 -34.64	133.51 1.66 -75.04	204.18 1.35 -156.08	116.06 3.22 0.00	102.79 2.96 0.00	69.11 2.30 -1.30	77.36 2.59 0.00
BETHPAGE_CC_5 323564	154.49 10.08 -4.25	120.14 4.54 -50.05	133.54 7.59 -0.58	173.12 7.77 0.00	148.83 7.17 0.00	183.81 10.46 0.00	126.58 9.50 -1.06	141.53 8.63 -25.48	140.11 9.86 -21.15	96.07 7.79 -2.21	88.72 6.66 -1.63	99.29 7.45 -0.21	89.58 6.04 -0.04	87.51 6.03 0.00	100.74 7.19 0.00	175.55 9.43 -56.84	97.32 7.61 -0.02	139.20 9.68 -28.40	123.83 5.50 -61.53	187.85 4.42 -136.67	131.32 10.05 -8.43	108.02 8.19 0.00	84.29 5.37 -13.41	89.92 5.28 -9.86
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	132.54 -7.62 0.00	61.85 -3.71 0.00	118.24 -7.13 0.00	155.52 -9.83 0.00	133.36 -8.30 0.00	165.02 -8.33 0.00	110.65 -5.37 0.00	104.89 -6.79 -4.26	105.43 -6.18 -2.52	81.07 -5.00 0.00	75.03 -5.67 -0.27	84.59 -7.04 0.00	77.33 -6.17 0.00	74.17 -7.31 0.00	85.51 -8.05 0.00	99.27 -10.00 0.00	81.14 -8.53 0.03	77.73 -9.53 13.86	43.32 -5.57 7.93	37.48 -4.79 4.49	33.95 -11.58 67.31	42.33 -10.56 46.93	41.10 -6.44 17.97	66.62 -7.15 1.00

BINGHAMTON___COGEN 23790	139.80 -0.36 0.00	65.23 -0.33 0.00	124.41 -0.97 0.00	163.33 -2.02 0.00	140.36 -1.30 0.00	172.79 -0.56 0.00	116.32 0.30 0.00	115.79 0.18 -8.19	114.71 0.77 -4.83	86.48 0.40 0.00	80.86 -0.07 -0.51	91.24 -0.38 0.00	83.19 -0.31 0.00	80.99 -0.49 0.00	92.97 -0.59 0.00	109.06 -0.22 0.00	89.37 -0.32 0.00	105.28 -0.25 -4.40	71.61 -0.25 -15.05	80.04 -0.27 -33.55	84.62 -1.41 26.80	79.01 -1.54 19.27	58.19 -1.03 6.29	72.93 -1.38 0.46
BIXINCNT_115KV_LOAD 355685	134.45 -5.71 0.00	62.74 -2.82 0.00	120.06 -5.32 0.00	158.72 -6.63 0.00	136.09 -5.57 0.00	167.07 -6.28 0.00	112.98 -3.05 0.00	107.78 -4.17 -4.53	108.78 -2.99 -2.67	83.77 -2.31 0.00	77.53 -3.18 -0.28	87.55 -4.07 0.00	80.15 -3.35 0.00	76.81 -4.67 0.00	88.19 -5.36 0.00	102.29 -6.99 0.00	83.16 -6.52 0.02	81.93 -7.20 12.00	46.66 -4.53 5.61	41.49 -4.60 0.67	31.91 -11.41 69.52	39.91 -10.31 49.61	41.08 -6.09 18.34	66.90 -6.76 1.10
BLACK RIVER___HYD 24047	141.47 1.32 0.00	66.87 1.31 0.00	129.85 4.46 0.00	172.45 7.10 0.00	148.52 6.86 0.00	182.39 9.04 0.00	122.53 6.50 0.00	112.73 4.02 -1.29	113.14 3.28 -0.76	89.23 3.15 0.00	84.47 3.96 -0.08	95.63 4.01 0.00	85.37 1.87 0.00	82.96 1.48 0.00	96.22 2.67 0.00	113.97 4.70 0.00	93.70 4.00 0.00	105.12 2.56 -1.44	60.79 0.86 -3.12	54.29 1.03 -6.50	115.12 2.28 0.00	101.62 1.79 0.00	65.99 0.42 -0.05	74.60 -0.17 0.00
BLACKRVR_115KV_TB2 79977	141.48 1.32 0.00	66.87 1.32 0.00	129.85 4.46 0.00	172.45 7.10 0.00	148.52 6.86 0.00	182.40 9.05 0.00	122.53 6.51 0.00	112.73 4.02 -1.29	113.14 3.28 -0.76	89.23 3.15 0.00	84.47 3.96 -0.08	95.63 4.01 0.00	85.37 1.87 0.00	82.96 1.49 0.00	96.22 2.67 0.00	113.97 4.70 0.00	93.70 4.00 0.00	105.12 2.56 -1.44	60.79 0.86 -3.12	54.29 1.04 -6.50	115.15 2.31 0.00	101.62 1.79 0.00	66.00 0.43 -0.05	74.60 -0.17 0.00
BLISS_WT_PWR 323608	134.07 -6.09 0.00	62.61 -2.95 0.00	119.86 -5.52 0.00	158.72 -6.63 0.00	136.06 -5.60 0.00	166.79 -6.56 0.00	112.97 -3.05 0.00	107.85 -4.10 -4.53	108.98 -2.79 -2.67	83.95 -2.13 0.00	77.71 -3.00 -0.28	87.72 -3.90 0.00	80.30 -3.20 0.00	76.99 -4.48 0.00	88.26 -5.29 0.00	102.27 -7.01 0.00	83.09 -6.58 0.02	81.79 -7.34 12.00	46.50 -4.70 5.61	41.20 -4.88 0.67	31.01 -12.31 69.52	39.31 -10.91 49.61	40.75 -6.43 18.34	66.53 -7.13 1.10
BLUESTONE___WT_PWR 323821	137.96 -2.20 0.00	64.46 -1.09 0.00	123.50 -1.88 0.00	164.59 -0.76 0.00	143.96 2.31 0.00	179.04 5.69 0.00	122.01 5.99 0.00	121.51 5.23 -8.86	120.65 6.32 -5.23	91.85 5.77 0.00	84.49 3.51 -0.55	95.63 4.00 0.00	87.74 4.24 0.00	86.26 4.78 0.00	99.29 5.73 0.00	116.43 7.15 0.00	95.60 5.91 0.00	122.64 6.39 -15.13	86.00 2.51 -26.67	101.09 1.34 -53.00	143.55 1.21 -29.51	120.42 -0.63 -21.21	71.95 -1.24 -7.68	73.44 -1.83 -0.50
BLUE_CIRC_CHEM_DRP 24182	149.42 9.26 0.00	69.92 4.36 0.00	133.57 8.19 0.00	175.10 9.75 0.00	150.16 8.50 0.00	184.21 10.86 0.00	123.61 7.58 0.00	144.58 6.82 -30.35	133.25 6.25 -17.90	89.90 3.83 0.00	86.47 4.15 -1.90	95.43 3.80 0.00	86.71 3.21 0.00	84.80 3.32 0.00	96.73 3.17 0.00	113.16 3.89 0.00	94.33 4.63 0.00	140.91 5.96 -33.82	133.61 3.52 -73.27	202.03 2.88 -152.39	119.78 6.94 0.00	106.01 6.18 0.00	71.12 4.34 -1.27	79.83 5.06 0.00
BOC_GAS_DRP 24189	144.37 4.21 0.00	67.51 1.95 0.00	128.85 3.47 0.00	168.77 3.43 0.00	144.72 3.06 0.00	177.80 4.46 0.00	119.58 3.56 0.00	141.76 3.40 -30.94	130.96 3.62 -18.25	89.06 2.98 0.00	85.22 2.86 -1.93	94.78 3.16 0.00	86.13 2.64 0.00	84.18 2.70 0.00	96.44 2.88 0.00	112.24 2.96 0.00	92.19 2.50 0.00	138.74 3.13 -34.48	133.38 1.86 -74.71	203.67 1.53 -155.39	116.38 3.54 0.00	102.94 3.12 0.00	68.99 2.19 -1.29	77.06 2.29 0.00
BOONVILLE_115KV_TB1 79983	143.17 3.01 0.00	67.31 1.76 0.00	129.45 4.07 0.00	171.04 5.69 0.00	147.07 5.41 0.00	180.59 7.24 0.00	121.26 5.23 0.00	112.38 4.17 -0.79	113.47 3.90 -0.47	89.28 3.21 0.00	83.86 3.39 -0.05	95.20 3.58 0.00	86.02 2.52 0.00	83.72 2.24 0.00	96.56 3.00 0.00	113.46 4.18 0.00	93.25 3.56 0.00	105.15 3.13 -0.89	60.27 1.54 -1.92	52.17 1.42 -3.98	115.92 3.08 0.00	102.46 2.64 0.00	66.95 1.40 -0.03	75.96 1.19 0.00
BORALEX_4TH_BRANCH 23824	149.52 9.36 0.00	70.00 4.44 0.00	133.42 8.04 0.00	174.39 9.04 0.00	149.45 7.79 0.00	184.21 10.86 0.00	124.32 8.30 0.00	146.15 7.74 -31.00	135.38 7.99 -18.28	92.28 6.21 0.00	88.19 5.83 -1.94	98.00 6.38 0.00	88.76 5.26 0.00	86.94 5.45 0.00	99.95 6.39 0.00	116.73 7.45 0.00	95.63 5.94 0.00	143.01 7.34 -34.54	136.00 4.34 -74.84	206.00 3.58 -155.67	121.36 8.52 0.00	107.20 7.37 0.00	71.63 4.83 -1.29	79.92 5.15 0.00
BOWLINE___1 23526	147.24 7.08 0.00	68.58 3.02 0.00	130.23 4.84 0.00	170.10 4.75 0.00	146.13 4.47 0.00	180.72 7.37 0.00	122.75 6.73 0.00	138.81 6.68 -24.72	130.84 7.16 -14.58	91.96 5.88 0.00	86.94 4.97 -1.54	97.09 5.47 0.00	88.00 4.50 0.00	86.09 4.61 0.00	98.77 5.22 0.00	115.74 6.46 0.00	95.17 5.47 0.00	135.80 7.12 -27.55	120.54 4.04 -59.69	174.11 3.22 -124.14	120.04 7.21 0.00	105.69 5.86 0.00	70.21 3.67 -1.03	78.25 3.48 0.00
BOWLINE___2 23595	147.45 7.29 0.00	68.68 3.13 0.00	130.45 5.07 0.00	170.35 4.99 0.00	146.33 4.67 0.00	180.97 7.62 0.00	122.91 6.89 0.00	138.97 6.84 -24.72	131.04 7.36 -14.58	92.10 6.02 0.00	87.09 5.12 -1.54	97.25 5.62 0.00	88.13 4.63 0.00	86.21 4.73 0.00	98.94 5.38 0.00	115.93 6.65 0.00	95.31 5.62 0.00	135.93 7.26 -27.55	120.61 4.11 -59.69	174.18 3.28 -124.15	120.20 7.36 0.00	105.81 5.99 0.00	70.31 3.77 -1.03	78.34 3.57 0.00
BRADY___115KV_TB2 356060	141.71 1.55 0.00	66.47 0.91 0.00	127.91 2.53 0.00	170.64 5.29 0.00	145.46 3.80 0.00	175.83 2.48 0.00	116.25 0.23 0.00	107.44 0.02 0.00	108.42 -0.68 0.00	85.67 -0.41 0.00	80.62 0.19 0.00	92.51 0.89 0.00	84.59 1.09 0.00	82.41 0.94 0.00	94.92 1.36 0.00	110.19 0.91 0.00	90.52 0.83 0.00	101.53 0.41 0.00	56.90 0.09 0.00	46.89 0.14 0.00	113.66 0.83 0.00	100.92 1.09 0.00	66.32 0.81 0.00	76.53 1.76 0.00
BRANSCOMB___SOLAR 323811	150.24 10.08 0.00	70.21 4.65 0.00	133.95 8.57 0.00	175.23 9.88 0.00	150.12 8.46 0.00	184.73 11.38 0.00	124.69 8.66 0.00	147.22 7.86 -31.95	135.52 7.57 -18.85	91.57 5.49 0.00	87.16 4.74 -2.00	96.65 5.03 0.00	87.76 4.26 0.00	86.03 4.55 0.00	98.62 5.06 0.00	115.63 6.35 0.00	95.30 5.60 0.00	143.79 7.06 -35.61	138.08 4.11 -77.15	210.59 3.37 -160.46	120.61 7.77 0.00	106.46 6.63 0.00	71.08 4.23 -1.33	79.26 4.49 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	156.92 12.51 -4.25	121.33 5.72 -50.05	135.87 9.91 -0.58	175.85 10.50 0.00	150.86 9.20 0.00	186.21 12.86 0.00	127.17 10.09 -1.06	141.49 8.60 -25.48	141.10 10.85 -21.15	97.21 8.93 -2.21	90.04 8.02 -1.59	100.48 8.85 0.00	90.70 7.20 0.00	88.63 7.15 0.00	102.29 8.74 0.00	177.57 11.45 -56.84	98.45 8.74 -0.02	140.62 11.09 -28.40	124.58 6.24 -61.53	188.49 5.06 -136.67	132.66 11.39 -8.43	109.29 9.47 0.00	85.26 6.33 -13.41	91.05 6.42 -9.86

BRISTLHL_115KV_TB1 79998	136.27 -3.89 0.00	63.75 -1.81 0.00	121.64 -3.75 0.00	159.93 -5.42 0.00	137.36 -4.30 0.00	168.91 -4.44 0.00	113.66 -2.37 0.00	107.10 -2.33 -2.02	108.02 -2.27 -1.19	84.05 -2.03 0.00	78.45 -2.10 -0.13	89.04 -2.59 0.00	81.02 -2.48 0.00	78.94 -2.54 0.00	90.70 -2.85 0.00	106.19 -3.09 0.00	87.22 -2.47 0.00	100.72 -2.65 -2.25	60.23 -1.46 -4.87	55.66 -1.24 -10.14	109.47 -3.37 0.00	96.52 -3.31 0.00	63.37 -2.22 -0.08	72.04 -2.73 0.00
BROOKHAVEN___DRP 24191	156.25 11.84 -4.25	121.00 5.39 -50.05	135.23 9.27 -0.58	174.86 9.51 0.00	150.20 8.54 0.00	185.56 12.21 0.00	126.96 9.88 -1.06	141.46 8.57 -25.48	141.16 10.91 -21.15	96.84 8.56 -2.21	89.42 7.40 -1.59	99.78 8.16 0.00	90.03 6.53 0.00	87.96 6.48 0.00	101.69 8.13 0.00	177.23 11.11 -56.84	98.34 8.63 -0.02	140.71 11.18 -28.40	124.51 6.17 -61.53	188.35 4.93 -136.67	132.59 11.32 -8.43	109.37 9.54 0.00	85.42 6.49 -13.41	91.15 6.52 -9.86
BROOKLYN_NAVY_YARD 23515	148.66 8.50 0.00	69.20 3.64 0.00	131.09 5.71 0.00	171.05 5.69 0.00	146.96 5.30 0.00	182.06 8.71 0.00	123.88 7.86 0.00	140.79 7.89 -25.49	132.69 8.56 -15.03	93.05 6.98 0.00	88.06 6.00 -1.63	98.39 6.55 -0.22	89.03 5.49 -0.04	87.01 5.53 0.00	99.82 6.27 0.00	117.03 7.75 0.00	96.24 6.54 0.00	137.92 8.39 -28.41	123.11 4.76 -61.54	178.49 3.74 -128.00	121.23 8.39 0.00	106.70 6.87 0.00	70.83 4.25 -1.06	78.71 3.94 0.00
BROOKLYN___ARMY_DRP 323595	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.93 6.58 0.00	147.66 6.00 0.00	183.02 9.67 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.83 7.73 -0.02	89.31 6.58 -2.31	102.80 7.19 -3.99	90.34 6.08 -0.75	87.65 6.17 0.00	100.54 6.98 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.70 9.17 -28.41	123.63 5.27 -61.55	178.93 4.17 -128.01	122.17 9.33 0.00	107.48 7.66 0.00	71.37 4.79 -1.06	79.35 4.58 0.00
BROOKVLE_69_KV_TB1 55790	155.26 10.86 -4.25	120.48 4.88 -50.05	134.16 8.21 -0.58	174.06 8.71 0.00	149.62 7.96 0.00	184.85 11.50 0.00	126.95 9.87 -1.06	142.02 9.12 -25.48	140.35 10.10 -21.15	96.54 8.25 -2.21	89.28 7.23 -1.63	99.96 8.12 -0.22	90.26 6.72 -0.04	88.14 6.66 0.00	101.38 7.82 0.00	176.13 10.02 -56.84	97.90 8.18 -0.02	139.90 10.38 -28.40	124.33 5.99 -61.53	188.25 4.83 -136.67	132.18 10.91 -8.43	108.78 8.96 0.00	84.71 5.78 -13.41	90.32 5.69 -9.86
BROOME_2_LFGE 323671	139.81 -0.35 0.00	65.23 -0.33 0.00	124.40 -0.98 0.00	163.33 -2.02 0.00	140.36 -1.31 0.00	172.79 -0.56 0.00	116.32 0.30 0.00	115.80 0.19 -8.19	114.70 0.77 -4.83	86.48 0.40 0.00	80.86 -0.07 -0.51	91.24 -0.38 0.00	83.19 -0.31 0.00	80.99 -0.49 0.00	92.96 -0.59 0.00	109.06 -0.22 0.00	89.38 -0.31 0.00	105.24 -0.28 -4.40	71.59 -0.27 -15.05	80.03 -0.28 -33.55	84.51 -1.52 26.80	78.96 -1.60 19.27	58.18 -1.04 6.29	72.90 -1.41 0.46
BROOME___LFGE 323600	139.81 -0.35 0.00	65.23 -0.33 0.00	124.40 -0.98 0.00	163.33 -2.02 0.00	140.36 -1.31 0.00	172.79 -0.56 0.00	116.32 0.30 0.00	115.80 0.19 -8.19	114.70 0.77 -4.83	86.48 0.40 0.00	80.86 -0.07 -0.51	91.24 -0.38 0.00	83.19 -0.31 0.00	80.99 -0.49 0.00	92.96 -0.59 0.00	109.06 -0.22 0.00	89.38 -0.31 0.00	105.24 -0.28 -4.40	71.59 -0.27 -15.05	80.03 -0.28 -33.55	84.51 -1.52 26.80	78.96 -1.60 19.27	58.18 -1.04 6.29	72.90 -1.41 0.46
BROWNFLS_115KV_TB_3_5 80003	140.45 0.29 0.00	66.21 0.65 0.00	127.90 2.52 0.00	170.26 4.91 0.00	145.64 3.98 0.00	176.73 3.38 0.00	117.65 1.63 0.00	108.48 0.41 -0.65	109.21 -0.28 -0.38	86.45 0.37 0.00	81.86 1.40 -0.04	93.38 1.76 0.00	84.34 0.84 0.00	82.03 0.55 0.00	94.88 1.33 0.00	110.95 1.68 0.00	90.83 1.14 0.00	101.62 -0.22 -0.73	57.89 -0.49 -1.57	49.87 -0.15 -3.26	112.53 -0.31 0.00	99.94 0.12 0.00	65.51 -0.03 -0.03	75.01 0.24 0.00
BROWNSV1_27_KV_LOAD 356125	150.27 10.11 0.00	69.92 4.36 0.00	132.49 7.11 0.00	172.91 7.56 0.00	148.51 6.85 0.00	183.95 10.60 0.00	125.28 9.26 0.00	142.11 9.20 -25.49	134.05 9.92 -15.03	94.18 8.10 0.00	89.04 7.03 -1.59	99.35 7.73 0.00	90.06 6.56 0.00	88.05 6.57 0.00	101.01 7.45 0.00	118.42 9.14 0.00	97.39 7.69 0.00	139.22 9.69 -28.41	123.82 5.47 -61.54	179.06 4.30 -128.00	122.54 9.69 0.00	107.86 8.03 0.00	71.61 5.04 -1.06	79.63 4.86 0.00
BURROWS___LYONSDAL 23803	142.36 2.20 0.00	67.09 1.53 0.00	129.32 3.94 0.00	171.16 5.81 0.00	147.24 5.58 0.00	180.60 7.25 0.00	121.10 5.08 0.00	111.95 3.72 -0.82	112.89 3.30 -0.48	88.97 2.89 0.00	83.84 3.36 -0.05	95.19 3.56 0.00	85.75 2.25 0.00	83.40 1.92 0.00	96.36 2.80 0.00	113.40 4.12 0.00	93.11 3.42 0.00	104.62 2.58 -0.92	59.92 1.13 -1.98	52.02 1.15 -4.12	115.26 2.42 0.00	101.94 2.12 0.00	66.54 1.00 -0.03	75.45 0.69 0.00
CAITHNESS_CC_1 323624	155.97 11.56 -4.25	120.87 5.26 -50.05	134.98 9.02 -0.58	174.56 9.21 0.00	149.97 8.31 0.00	185.21 11.86 0.00	126.79 9.71 -1.06	141.33 8.43 -25.48	140.90 10.65 -21.15	96.70 8.42 -2.21	89.29 7.28 -1.59	99.67 8.05 0.00	89.93 6.43 0.00	87.87 6.39 0.00	101.54 7.99 0.00	176.97 10.85 -56.84	98.14 8.42 -0.02	140.39 10.87 -28.40	124.37 6.03 -61.53	188.26 4.84 -136.67	132.38 11.11 -8.43	109.11 9.28 0.00	85.23 6.30 -13.41	90.93 6.30 -9.86
CALPINE BETH_PAGE_GT4 24209	154.57 10.16 -4.25	120.18 4.57 -50.05	133.63 7.67 -0.58	173.20 7.85 0.00	148.94 7.28 0.00	183.96 10.60 0.00	126.49 9.41 -1.06	141.48 8.58 -25.48	140.02 9.77 -21.15	96.04 7.76 -2.21	88.77 6.71 -1.63	99.34 7.50 -0.21	89.64 6.10 -0.04	87.56 6.08 0.00	100.80 7.25 0.00	175.60 9.48 -56.84	97.38 7.66 -0.02	139.25 9.73 -28.40	123.88 5.54 -61.53	187.88 4.46 -136.67	131.32 10.05 -8.43	108.07 8.25 0.00	84.31 5.39 -13.41	89.96 5.33 -9.86
CALPINE_BETH_PAGE_GT_4 323586	154.58 10.17 -4.25	120.17 4.57 -50.05	133.63 7.67 -0.58	173.20 7.85 0.00	148.93 7.27 0.00	183.94 10.59 0.00	126.49 9.40 -1.06	141.48 8.58 -25.48	140.02 9.77 -21.15	96.04 7.76 -2.21	88.75 6.70 -1.63	99.34 7.51 -0.21	89.64 6.10 -0.04	87.56 6.07 0.00	100.80 7.25 0.00	175.58 9.46 -56.84	97.37 7.66 -0.02	139.25 9.73 -28.40	123.87 5.54 -61.53	187.88 4.46 -136.67	131.39 10.12 -8.43	108.09 8.26 0.00	84.32 5.40 -13.41	89.96 5.33 -9.86
CALPINE_BP_GT1 23823	154.58 10.17 -4.25	120.17 4.57 -50.05	133.63 7.67 -0.58	173.20 7.85 0.00	148.93 7.27 0.00	183.94 10.59 0.00	126.49 9.40 -1.06	141.48 8.58 -25.48	140.02 9.77 -21.15	96.04 7.76 -2.21	88.75 6.70 -1.63	99.34 7.51 -0.21	89.64 6.10 -0.04	87.56 6.07 0.00	100.80 7.25 0.00	175.58 9.46 -56.84	97.37 7.66 -0.02	139.25 9.73 -28.40	123.87 5.54 -61.53	187.88 4.46 -136.67	131.39 10.12 -8.43	108.09 8.26 0.00	84.32 5.40 -13.41	89.96 5.33 -9.86
CALSPAN___DRP 24200	131.92 -8.24 0.00	61.57 -3.99 0.00	117.73 -7.66 0.00	154.81 -10.54 0.00	132.74 -8.92 0.00	164.26 -9.09 0.00	110.15 -5.88 0.00	104.29 -7.33 -4.21	104.79 -6.79 -2.48	80.59 -5.49 0.00	74.55 -6.14 -0.26	84.04 -7.59 0.00	76.82 -6.68 0.00	73.68 -7.80 0.00	84.94 -8.62 0.00	98.62 -10.66 0.00	80.65 -9.02 0.03	76.74 -10.16 14.22	42.56 -5.91 8.34	36.68 -5.06 5.01	33.94 -12.19 66.70	42.31 -11.11 46.41	40.81 -6.79 17.91	66.31 -7.48 0.98

CALVERTON___SOLAR 323806	156.77 12.36 -4.25	121.23 5.62 -50.05	135.66 9.71 -0.58	175.33 9.97 0.00	150.51 8.85 0.00	185.95 12.60 0.00	127.16 10.08 -1.06	141.58 8.68 -25.48	141.64 11.39 -21.15	97.13 8.85 -2.21	89.63 7.61 -1.59	100.04 8.41 0.00	90.20 6.70 0.00	88.13 6.65 0.00	101.92 8.37 0.00	177.69 11.57 -56.84	98.71 8.99 -0.02	141.13 11.61 -28.40	124.67 6.33 -61.53	188.46 5.03 -136.67	132.97 11.70 -8.43	109.73 9.91 0.00	85.67 6.74 -13.41	91.41 6.77 -9.86
CANDIGU_WT_PWR 323617	133.65 -6.51 0.00	62.62 -2.94 0.00	119.84 -5.54 0.00	157.12 -8.23 0.00	134.52 -7.14 0.00	165.68 -7.67 0.00	111.90 -4.13 0.00	108.79 -4.24 -5.61	109.37 -3.04 -3.31	83.01 -3.07 0.00	77.46 -3.32 -0.35	87.33 -4.29 0.00	79.89 -3.61 0.00	77.14 -4.34 0.00	88.64 -4.92 0.00	103.16 -6.12 0.00	83.85 -5.69 0.16	34.91 -7.02 59.20	3.14 -4.21 49.46	-10.71 -3.73 53.73	-50.48 -9.56 153.75	-11.15 -9.02 101.96	13.51 -6.06 45.95	66.13 -6.92 1.72
CARR STREET_E_SYR 24060	137.24 -2.92 0.00	64.16 -1.40 0.00	122.41 -2.97 0.00	160.90 -4.45 0.00	138.21 -3.45 0.00	170.01 -3.34 0.00	114.43 -1.59 0.00	108.12 -1.61 -2.31	109.01 -1.46 -1.36	84.71 -1.37 0.00	78.94 -1.63 -0.14	89.57 -2.05 0.00	81.61 -1.89 0.00	79.46 -2.02 0.00	91.30 -2.26 0.00	106.88 -2.40 0.00	87.88 -1.81 0.00	101.74 -1.98 -2.60	61.27 -1.13 -5.58	57.39 -0.98 -11.61	110.05 -2.79 0.00	97.01 -2.82 0.00	63.71 -1.89 -0.10	72.40 -2.37 0.00
CARTHAGE___PAPER 23857	142.25 2.09 0.00	67.27 1.71 0.00	130.46 5.07 0.00	173.40 8.05 0.00	149.16 7.50 0.00	182.70 9.35 0.00	122.45 6.42 0.00	112.70 4.13 -1.15	113.11 3.33 -0.68	89.29 3.21 0.00	84.63 4.13 -0.07	96.01 4.39 0.00	85.91 2.41 0.00	83.50 2.02 0.00	96.83 3.27 0.00	114.42 5.15 0.00	93.98 4.28 0.00	105.20 2.80 -1.28	60.61 1.02 -2.78	53.72 1.18 -5.79	115.44 2.60 0.00	102.11 2.28 0.00	66.41 0.85 -0.05	75.28 0.51 0.00
CASSADAGA_WT_PWR 323784	136.67 -3.49 0.00	63.73 -1.83 0.00	121.96 -3.42 0.00	160.49 -4.86 0.00	137.33 -4.33 0.00	170.66 -2.69 0.00	115.15 -0.87 0.00	109.42 -2.41 -4.41	109.97 -1.74 -2.60	84.66 -1.41 0.00	78.30 -2.40 -0.27	88.27 -3.35 0.00	80.48 -3.02 0.00	76.48 -5.00 0.00	86.33 -7.23 0.00	100.85 -8.43 0.00	82.09 -7.59 0.02	79.47 -8.70 12.95	40.81 -5.97 10.03	21.76 -5.52 19.47	14.06 -13.35 85.43	34.56 -12.45 52.82	39.47 -7.60 18.44	65.28 -8.41 1.08
CE_DUNWOOD___DRP 24194	148.42 8.26 0.00	69.13 3.58 0.00	131.24 5.86 0.00	171.33 5.98 0.00	147.18 5.52 0.00	182.04 8.69 0.00	123.75 7.72 0.00	140.44 7.60 -25.43	132.31 8.21 -15.00	92.77 6.69 0.00	87.81 5.79 -1.59	98.00 6.38 0.00	88.81 5.31 0.00	86.85 5.37 0.00	99.70 6.15 0.00	116.82 7.55 0.00	96.02 6.32 0.00	137.54 8.07 -28.35	122.81 4.59 -61.41	178.13 3.65 -127.73	120.98 8.13 0.00	106.56 6.73 0.00	70.82 4.25 -1.06	78.86 4.09 0.00
CE_MILLWOOD___DRP 24193	148.15 7.99 0.00	69.01 3.45 0.00	131.03 5.65 0.00	171.15 5.80 0.00	146.99 5.33 0.00	181.80 8.45 0.00	123.52 7.72 0.00	140.13 7.38 -25.33	132.00 7.96 -14.94	92.56 6.48 0.00	87.63 5.62 -1.58	97.78 6.16 0.00	88.63 5.13 0.00	86.69 5.21 0.00	99.49 5.93 0.00	116.57 7.30 0.00	95.80 6.11 0.00	137.17 7.81 -28.24	122.44 4.45 -61.18	177.54 3.54 -127.24	120.74 7.90 0.00	106.36 6.53 0.00	70.69 4.12 -1.06	78.73 3.96 0.00
CE_NYC2_DRP 24202	149.06 8.90 0.00	69.39 3.83 0.00	131.47 6.09 0.00	171.48 6.13 0.00	147.36 5.70 0.00	182.51 9.16 0.00	124.16 8.14 0.00	141.09 8.18 -25.49	133.02 8.89 -15.03	93.43 7.35 0.00	88.78 6.42 -1.93	100.54 7.05 -1.88	89.79 5.93 -0.36	87.48 6.00 0.00	100.36 6.80 0.00	117.66 8.39 0.00	96.69 6.99 0.00	138.36 8.82 -28.41	123.37 5.01 -61.55	178.72 3.95 -128.01	121.59 8.74 0.00	107.05 7.22 0.00	71.09 4.51 -1.06	79.03 4.26 0.00
CE_NYC_DRP 24195	148.87 8.71 0.00	69.30 3.74 0.00	131.34 5.96 0.00	171.34 5.99 0.00	147.16 5.50 0.00	182.30 8.95 0.00	124.05 8.02 0.00	140.93 8.03 -25.49	132.86 8.73 -15.03	93.25 7.17 0.00	88.23 6.21 -1.59	98.44 6.82 0.00	89.22 5.72 0.00	87.25 5.77 0.00	100.09 6.53 0.00	117.34 8.07 0.00	96.48 6.78 0.00	138.14 8.61 -28.40	123.21 4.86 -61.54	178.57 3.82 -128.00	121.34 8.50 0.00	106.80 6.98 0.00	70.94 4.37 -1.06	78.89 4.12 0.00
CHAFFEE___LFGE 323603	133.25 -6.91 0.00	62.17 -3.39 0.00	118.85 -6.53 0.00	156.30 -9.05 0.00	134.04 -7.62 0.00	165.97 -7.38 0.00	111.20 -4.83 0.00	105.52 -6.27 -4.37	106.00 -5.68 -2.58	81.49 -4.59 0.00	75.44 -5.26 -0.27	85.05 -6.58 0.00	77.61 -5.89 0.00	74.57 -6.91 0.00	85.91 -7.64 0.00	99.79 -9.49 0.00	81.59 -8.08 0.02	78.93 -9.09 13.10	44.47 -5.25 7.10	38.77 -4.49 3.49	33.05 -11.05 68.74	41.64 -10.02 48.17	41.33 -6.05 18.13	66.94 -6.79 1.04
CHATEAUG_35_KV_LOAD 355732	136.97 -3.19 0.00	64.24 -1.32 0.00	124.32 -1.06 0.00	165.89 0.53 0.00	141.14 -0.52 0.00	172.27 -1.08 0.00	113.95 -2.07 0.00	105.33 -2.08 0.00	106.14 -2.95 0.00	83.55 -2.53 0.00	78.84 -1.58 0.00	90.80 -0.82 0.00	82.87 -0.63 0.00	81.33 -0.15 0.00	94.36 0.80 0.00	110.21 0.93 0.00	90.12 0.42 0.00	100.24 0.00 0.00	56.15 -0.66 0.00	46.22 -0.54 0.00	111.48 -1.36 0.00	98.48 -1.35 0.00	64.41 -1.10 0.00	74.85 0.09 0.00
CHATEAUG_WT_PWR 323614	136.41 -3.75 0.00	63.94 -1.62 0.00	123.70 -1.68 0.00	165.17 -0.18 0.00	140.51 -1.15 0.00	171.55 -1.81 0.00	113.58 -2.45 0.00	105.06 -2.35 0.00	105.84 -3.26 0.00	83.30 -2.77 0.00	78.64 -1.79 0.00	90.53 -1.09 0.00	82.60 -0.90 0.00	81.08 -0.40 0.00	94.03 0.47 0.00	109.87 0.59 0.00	89.81 0.11 0.00	99.97 -1.15 0.00	55.98 -0.83 0.00	46.06 -0.70 0.00	111.14 -1.70 0.00	98.06 -1.76 0.00	64.19 -1.32 0.00	74.63 -0.14 0.00
CHAT_HIGH_FALL_HYD 323578	136.97 -3.19 0.00	64.24 -1.32 0.00	124.32 -1.06 0.00	165.89 0.53 0.00	141.14 -0.52 0.00	172.27 -1.08 0.00	113.95 -2.07 0.00	105.33 -2.08 0.00	106.14 -2.95 0.00	83.55 -2.53 0.00	78.84 -1.58 0.00	90.80 -0.82 0.00	82.87 -0.63 0.00	81.33 -0.15 0.00	94.36 0.80 0.00	110.21 0.93 0.00	90.12 0.42 0.00	100.24 0.00 0.00	56.15 -0.66 0.00	46.22 -0.54 0.00	111.48 -1.36 0.00	98.48 -1.35 0.00	64.41 -1.10 0.00	74.85 0.09 0.00
CHAUTAUQUA___LFGE 323629	134.23 -5.93 0.00	62.63 -2.93 0.00	119.85 -5.54 0.00	157.79 -7.56 0.00	135.13 -6.52 0.00	167.66 -5.69 0.00	112.81 -3.22 0.00	106.96 -4.75 -4.29	107.47 -4.15 -2.53	82.66 -3.42 0.00	76.44 -4.26 -0.27	86.12 -5.50 0.00	78.52 -4.98 0.00	74.91 -6.57 0.00	85.40 -8.16 0.00	99.48 -9.80 0.00	81.32 -8.35 0.03	77.62 -9.44 14.06	41.87 -5.95 8.99	32.10 -5.27 9.38	26.77 -12.90 73.17	39.05 -11.75 49.03	40.01 -7.18 18.33	65.77 -7.98 1.02
CHERRYST_13_KV_LD 356241	149.24 9.08 0.00	69.46 3.90 0.00	131.65 6.27 0.00	171.81 6.46 0.00	147.58 5.92 0.00	182.85 9.49 0.00	124.46 8.43 0.00	141.30 8.40 -25.49	133.28 9.15 -15.03	93.58 7.50 0.00	88.53 6.52 -1.59	98.81 7.19 0.00	89.56 6.06 0.00	87.57 6.09 0.00	100.46 6.91 0.00	117.76 8.48 0.00	96.84 7.14 0.00	138.53 8.99 -28.40	123.43 5.07 -61.54	178.72 3.96 -128.00	121.70 8.86 0.00	107.10 7.27 0.00	71.14 4.56 -1.06	79.09 4.32 0.00

CHESTROR_138KV_BK263 355645	146.91 6.75 0.00	68.46 2.90 0.00	130.17 4.78 0.00	170.16 4.81 0.00	146.15 4.49 0.00	180.56 7.22 0.00	122.44 6.42 0.00	137.43 6.32 -23.69	129.80 6.73 -13.97	91.52 5.44 0.00	86.51 4.61 -1.48	96.63 5.00 0.00	87.62 4.12 0.00	85.74 4.25 0.00	98.32 4.77 0.00	115.23 5.96 0.00	94.80 5.10 0.00	134.14 6.61 -26.41	117.79 3.77 -57.21	168.76 3.02 -118.98	119.54 6.70 0.00	105.34 5.51 0.00	69.97 3.47 -0.99	78.08 3.31 0.00
CH_MIDHUDSON___DRP 24192	149.11 8.95 0.00	69.46 3.91 0.00	132.05 6.67 0.00	172.58 7.23 0.00	148.19 6.53 0.00	183.18 9.83 0.00	124.44 8.41 0.00	141.55 8.25 -25.89	133.01 8.64 -15.27	92.98 6.90 0.00	88.10 6.05 -1.62	98.21 6.59 0.00	89.00 5.50 0.00	87.06 5.58 0.00	99.98 6.42 0.00	117.10 7.82 0.00	96.29 6.60 0.00	138.02 8.00 -28.89	124.00 4.59 -62.60	180.64 3.68 -130.20	121.12 8.27 0.00	106.75 6.92 0.00	70.97 4.38 -1.08	79.08 4.32 0.00
CH_MISC_IPPS 23765	149.60 9.44 0.00	69.71 4.15 0.00	132.48 7.09 0.00	173.18 7.82 0.00	148.74 7.08 0.00	183.90 10.55 0.00	124.94 8.91 0.00	141.56 8.70 -25.44	133.20 9.09 -15.01	93.32 7.24 0.00	88.31 6.29 -1.59	98.46 6.83 0.00	89.22 5.72 0.00	87.28 5.80 0.00	100.21 6.65 0.00	117.50 8.22 0.00	96.71 7.01 0.00	138.23 8.71 -28.40	123.29 4.96 -61.52	178.71 3.99 -127.96	121.89 9.05 0.00	107.33 7.50 0.00	71.31 4.74 -1.06	79.43 4.66 0.00
CH_RES_BVR_FALLS 23983	138.21 -1.95 0.00	64.82 -0.74 0.00	124.77 -0.61 0.00	165.75 0.40 0.00	141.74 0.08 0.00	172.16 -1.19 0.00	113.79 -2.23 0.00	104.98 -2.44 0.00	106.41 -2.69 0.00	84.24 -1.84 0.00	79.31 -1.11 0.00	90.72 -0.91 0.00	82.58 -0.92 0.00	80.63 -0.85 0.00	92.97 -0.58 0.00	108.56 -0.72 0.00	88.68 -1.01 0.00	99.18 -1.94 0.00	55.61 -1.20 0.00	45.81 -0.95 0.00	110.76 -2.08 0.00	98.11 -1.72 0.00	64.28 -1.23 0.00	73.66 -1.11 0.00
CH_RES_NIAGARA 23895	126.54 -13.62 0.00	59.10 -6.46 0.00	113.07 -12.32 0.00	148.63 -16.72 0.00	127.38 -14.28 0.00	157.83 -15.52 0.00	105.20 -10.82 0.00	99.03 -12.28 -3.88	99.54 -11.85 -2.29	76.70 -9.38 0.00	70.69 -9.98 -0.24	79.76 -11.86 0.00	72.82 -10.68 0.00	69.94 -11.54 0.00	80.71 -12.84 0.00	93.65 -15.62 0.00	76.63 -13.04 0.02	75.07 -14.94 11.12	42.77 -8.28 5.76	37.97 -6.67 2.11	40.05 -16.08 56.70	45.92 -14.35 39.56	41.75 -8.75 15.02	64.22 -9.71 0.84
CH_RES_SYRACUSE 23985	138.38 -1.78 0.00	64.66 -0.90 0.00	123.19 -2.19 0.00	161.78 -3.57 0.00	139.37 -2.29 0.00	171.37 -1.98 0.00	115.38 -0.64 0.00	109.26 -0.74 -2.59	110.07 -0.56 -1.53	85.37 -0.71 0.00	79.58 -1.01 -0.16	90.26 -1.37 0.00	82.28 -1.22 0.00	80.01 -1.46 0.00	92.03 -1.52 0.00	107.84 -1.43 0.00	88.65 -1.05 0.00	102.70 -1.31 -2.89	62.41 -0.65 -6.24	59.09 -0.65 -12.99	110.74 -2.10 0.00	97.25 -2.58 0.00	63.84 -1.79 -0.11	72.53 -2.24 0.00
CLINTON_WT_PWR 323605	136.41 -3.75 0.00	63.94 -1.62 0.00	123.70 -1.68 0.00	165.17 -0.18 0.00	140.51 -1.15 0.00	171.55 -1.81 0.00	113.58 -2.45 0.00	105.06 -2.35 0.00	105.84 -3.26 0.00	83.30 -2.77 0.00	78.64 -1.79 0.00	90.53 -1.09 0.00	82.60 -0.90 0.00	81.08 -0.40 0.00	94.03 0.47 0.00	109.87 0.59 0.00	89.81 0.11 0.00	99.97 -1.15 0.00	55.98 -0.83 0.00	46.06 -0.70 0.00	111.14 -1.70 0.00	98.06 -1.76 0.00	64.19 -1.32 0.00	74.63 -0.14 0.00
CLINTON___LFGE 323618	138.33 -1.83 0.00	64.84 -0.71 0.00	125.37 -0.01 0.00	167.41 2.06 0.00	142.47 0.81 0.00	174.36 1.01 0.00	115.93 -0.10 0.00	107.21 -0.21 0.00	107.79 -1.31 0.00	84.59 -1.48 0.00	79.74 -0.68 0.00	91.74 0.12 0.00	83.77 0.27 0.00	82.44 0.96 0.00	95.72 2.17 0.00	111.93 2.66 0.00	91.42 1.73 0.00	101.97 0.84 0.00	57.12 0.31 0.00	47.01 0.25 0.00	113.04 0.20 0.00	99.80 -0.03 0.00	65.23 -0.28 0.00	76.09 1.32 0.00
COBBLENY_34_KV_TB1 80064	133.25 -6.91 0.00	62.16 -3.40 0.00	118.85 -6.53 0.00	156.32 -9.04 0.00	134.04 -7.62 0.00	165.93 -7.42 0.00	111.20 -4.83 0.00	105.51 -6.27 -4.37	106.00 -5.68 -2.58	81.49 -4.59 0.00	75.43 -5.27 -0.27	85.03 -6.59 0.00	77.61 -5.89 0.00	74.54 -6.93 0.00	85.92 -7.64 0.00	99.79 -9.49 0.00	81.61 -8.06 0.02	78.99 -9.02 13.10	44.48 -5.23 7.10	38.76 -4.50 3.49	33.18 -10.91 68.74	41.63 -10.03 48.17	41.32 -6.07 18.13	66.98 -6.75 1.04
COFFEEN___115KV_TB3 355620	142.71 2.55 0.00	67.41 1.85 0.00	130.74 5.36 0.00	173.53 8.18 0.00	149.46 7.81 0.00	183.71 10.36 0.00	123.62 7.60 0.00	113.89 5.15 -1.32	114.28 4.41 -0.78	90.00 3.93 0.00	85.07 4.56 -0.08	96.14 4.51 0.00	85.84 2.34 0.00	83.49 2.02 0.00	96.78 3.22 0.00	114.69 5.42 0.00	94.45 4.75 0.00	106.21 3.61 -1.47	61.49 1.49 -3.18	54.91 1.53 -6.62	116.31 3.47 0.00	102.56 2.73 0.00	66.58 1.02 -0.06	75.24 0.47 0.00
COLDSPRG_115KV_BK1 355956	139.15 -1.01 0.00	64.76 -0.79 0.00	123.65 -1.73 0.00	162.54 -2.81 0.00	139.43 -2.23 0.00	172.58 -0.77 0.00	116.17 0.15 0.00	110.77 -1.25 -4.60	111.52 -0.30 -2.71	85.92 -0.16 0.00	79.51 -1.21 -0.29	89.85 -1.77 0.00	82.16 -1.34 0.00	78.37 -3.11 0.00	89.48 -4.07 0.00	104.43 -4.85 0.00	85.02 -4.67 0.01	84.76 -5.17 11.20	49.93 -3.55 3.33	51.21 -3.32 -7.78	40.32 -8.03 64.49	42.23 -7.84 49.75	68.28 -4.68 18.61	
COLONIE_LFGE___ 323577	147.53 7.37 0.00	69.00 3.45 0.00	131.66 6.28 0.00	172.23 6.88 0.00	147.64 5.98 0.00	181.74 8.39 0.00	122.56 6.53 0.00	145.04 6.08 -31.55	133.85 6.15 -18.61	90.89 4.81 0.00	86.74 4.34 -1.97	96.41 4.78 0.00	87.54 4.05 0.00	85.72 4.23 0.00	98.30 4.75 0.00	114.69 5.42 0.00	94.21 4.51 0.00	141.86 5.59 -35.16	136.23 3.26 -76.17	207.82 2.65 -158.41	119.08 6.24 0.00	105.20 5.37 0.00	70.38 3.55 -1.32	78.55 3.78 0.00
COOPERNY_115KV_TB1 80082	145.01 4.85 0.00	67.65 2.09 0.00	128.79 3.41 0.00	168.65 3.30 0.00	144.80 3.14 0.00	178.59 5.24 0.00	120.75 4.72 0.00	131.35 4.64 -19.29	125.48 5.01 -11.38	90.12 4.05 0.00	84.99 3.36 -1.21	95.27 3.64 0.00	86.52 3.02 0.00	84.57 3.09 0.00	97.00 3.44 0.00	113.66 4.38 0.00	93.39 3.69 0.00	127.38 4.75 -21.50	106.11 2.70 -46.59	145.83 2.17 -96.90	117.60 4.76 0.00	103.73 3.90 0.00	68.77 2.45 -0.81	77.06 2.29 0.00
COPENHAGEN_WT_PWR 323753	139.63 -0.53 0.00	66.09 0.53 0.00	128.66 3.28 0.00	171.05 5.70 0.00	147.37 5.71 0.00	180.87 7.52 0.00	121.38 5.36 0.00	111.37 2.59 -1.36	111.69 1.78 -0.80	88.23 2.15 0.00	83.76 3.25 -0.08	94.91 3.29 0.00	84.57 1.07 0.00	82.09 0.61 0.00	95.29 1.73 0.00	113.01 3.73 0.00	92.69 2.99 0.00	103.70 1.06 -1.52	60.04 -0.06 -3.29	53.92 0.32 -6.85	113.45 0.61 0.00	100.15 0.33 0.00	65.00 -0.57 -0.06	73.44 -1.33 0.00
CORNELL_____ 23752	141.83 1.67 0.00	66.21 0.66 0.00	126.33 0.95 0.00	165.97 0.62 0.00	142.78 1.12 0.00	175.98 2.63 0.00	118.86 2.84 0.00	115.63 2.54 -5.68	115.46 3.01 -3.35	88.03 1.95 0.00	81.62 0.83 -0.36	92.15 0.53 0.00	84.12 0.63 0.00	82.01 0.53 0.00	94.09 0.53 0.00	110.68 1.41 0.00	91.15 1.44 -0.01	159.33 1.83 -56.38	121.51 1.01 -63.69	155.10 0.68 -107.66	382.42 0.89 -268.69	292.71 0.23 -192.64	132.75 -0.02 -67.26	78.96 -0.32 -4.52

CORONAAV_69_KV_TB1 355595	154.65 10.24 -4.25	120.27 4.66 -50.05	133.70 7.75 -0.58	173.43 8.08 0.00	149.19 7.53 0.00	183.95 10.60 0.00	126.03 8.95 -1.06	141.19 8.30 -25.48	139.64 9.39 -21.15	95.89 7.60 -2.21	88.79 6.73 -1.63	99.39 7.55 -0.22	89.74 6.20 -0.04	87.69 6.21 0.00	100.85 7.29 0.00	175.22 9.10 -56.84	97.19 7.47 -0.02	139.04 9.52 -28.40	123.77 5.44 -61.53	187.80 4.38 -136.67	131.06 9.79 -8.43	107.89 8.06 0.00	84.20 5.28 -13.41	89.81 5.18 -9.86
CORTLAND_115KV_TB3 80093	140.94 0.78 0.00	65.82 0.26 0.00	125.62 0.24 0.00	165.12 -0.23 0.00	141.92 0.27 0.00	174.73 1.38 0.00	117.83 1.81 0.00	113.62 1.61 -4.59	113.78 1.97 -2.71	87.29 1.21 0.00	81.25 0.54 -0.29	91.85 0.23 0.00	83.75 0.25 0.00	81.60 0.12 0.00	93.68 0.12 0.00	109.98 0.70 0.00	90.42 0.73 0.00	119.93 1.00 -17.81	81.12 0.53 -23.78	90.56 0.34 -43.46	184.38 0.17 -71.37	150.88 -0.26 -51.31	83.10 -0.27 -17.86	75.40 -0.58 -1.22
COXSACKIE___GT 23611	152.42 12.26 0.00	71.28 5.72 0.00	136.15 10.77 0.00	178.44 13.09 0.00	153.17 11.52 0.00	188.19 14.84 0.00	126.64 10.61 0.00	146.88 9.84 -29.62	136.34 9.77 -17.47	93.10 7.02 0.00	88.59 6.31 -1.85	97.51 5.88 0.00	87.98 4.48 0.00	85.92 4.44 0.00	98.29 4.74 0.00	114.92 5.65 0.00	96.65 6.95 0.00	143.11 8.98 -33.01	133.55 5.24 -71.50	199.64 4.17 -148.71	122.86 10.02 0.00	108.53 8.70 0.00	72.59 5.84 -1.24	81.41 6.65 0.00
CPV_VALLEY___CC1 323721	145.61 5.45 0.00	67.88 2.32 0.00	129.09 3.71 0.00	168.81 3.46 0.00	144.96 3.30 0.00	179.02 5.67 0.00	121.31 5.28 0.00	134.77 5.24 -22.12	127.78 5.64 -13.04	90.67 4.59 0.00	85.67 3.86 -1.38	95.80 4.18 0.00	86.93 3.44 0.00	85.03 3.55 0.00	97.56 4.00 0.00	114.26 4.99 0.00	93.93 4.24 0.00	131.29 5.52 -24.65	113.36 3.14 -53.41	160.35 2.52 -111.08	118.41 5.57 0.00	104.37 4.54 0.00	69.27 2.84 -0.92	77.39 2.63 0.00
CPV_VALLEY___CC2 323722	145.61 5.45 0.00	67.88 2.32 0.00	129.09 3.71 0.00	168.81 3.46 0.00	144.96 3.30 0.00	179.02 5.67 0.00	121.31 5.28 0.00	134.77 5.24 -22.12	127.78 5.64 -13.04	90.67 4.59 0.00	85.67 3.86 -1.38	95.80 4.18 0.00	86.93 3.44 0.00	85.03 3.55 0.00	97.56 4.00 0.00	114.26 4.99 0.00	93.93 4.24 0.00	131.29 5.52 -24.65	113.36 3.14 -53.41	160.35 2.52 -111.08	118.41 5.57 0.00	104.37 4.54 0.00	69.27 2.84 -0.92	77.39 2.63 0.00
CRESCENT___HYD 24018	147.53 7.37 0.00	69.00 3.45 0.00	131.66 6.28 0.00	172.23 6.88 0.00	147.64 5.98 0.00	181.74 8.39 0.00	122.56 6.53 0.00	145.04 6.08 -31.55	133.85 6.15 -18.61	90.89 4.81 0.00	86.74 4.34 -1.97	96.41 4.78 0.00	87.54 4.05 0.00	85.72 4.23 0.00	98.30 4.75 0.00	114.69 5.42 0.00	94.21 4.51 0.00	141.86 5.59 -35.16	136.23 3.26 -76.17	207.82 2.65 -158.41	119.08 6.24 0.00	105.20 5.37 0.00	70.38 3.55 -1.32	78.55 3.78 0.00
CRICKET___VALLEY_CC1 323756	147.79 7.63 0.00	68.89 3.33 0.00	130.97 5.59 0.00	171.12 5.77 0.00	146.88 5.22 0.00	181.47 8.12 0.00	123.30 7.27 0.00	141.38 7.18 -26.79	132.36 7.47 -15.80	92.04 5.96 0.00	87.58 5.48 -1.67	97.55 5.93 0.00	88.33 4.83 0.00	86.45 4.97 0.00	99.33 5.78 0.00	116.14 6.86 0.00	95.28 5.59 0.00	138.15 7.17 -29.86	125.64 4.15 -64.68	184.63 3.35 -134.52	120.36 7.52 0.00	106.14 6.31 0.00	70.67 4.05 -1.12	78.73 3.96 0.00
CRICKET___VALLEY_CC2 323757	147.79 7.63 0.00	68.89 3.33 0.00	130.97 5.59 0.00	171.12 5.77 0.00	146.88 5.22 0.00	181.47 8.12 0.00	123.30 7.27 0.00	141.38 7.18 -26.79	132.36 7.47 -15.80	92.04 5.96 0.00	87.58 5.48 -1.67	97.55 5.93 0.00	88.33 4.83 0.00	86.45 4.97 0.00	99.33 5.78 0.00	116.14 6.86 0.00	95.28 5.59 0.00	138.15 7.17 -29.86	125.64 4.15 -64.68	184.63 3.35 -134.52	120.36 7.52 0.00	106.14 6.31 0.00	70.67 4.05 -1.12	78.73 3.96 0.00
CRICKET___VALLEY_CC3 323758	147.79 7.63 0.00	68.89 3.33 0.00	130.97 5.59 0.00	171.12 5.77 0.00	146.88 5.22 0.00	181.47 8.12 0.00	123.30 7.27 0.00	141.38 7.18 -26.79	132.36 7.47 -15.80	92.04 5.96 0.00	87.58 5.48 -1.67	97.55 5.93 0.00	88.33 4.83 0.00	86.45 4.97 0.00	99.33 5.78 0.00	116.14 6.86 0.00	95.28 5.59 0.00	138.15 7.17 -29.86	125.64 4.15 -64.68	184.63 3.35 -134.52	120.36 7.52 0.00	106.14 6.31 0.00	70.67 4.05 -1.12	78.73 3.96 0.00
CRUCIBLE_METL_DRP 24180	138.38 -1.78 0.00	64.66 -0.90 0.00	123.20 -2.19 0.00	161.78 -3.57 0.00	139.38 -2.28 0.00	171.35 -2.00 0.00	115.38 -0.64 0.00	109.26 -0.74 -2.59	110.06 -0.56 -1.53	85.37 -0.71 0.00	79.58 -1.01 -0.16	90.25 -1.37 0.00	82.28 -1.22 0.00	80.00 -1.48 0.00	92.02 -1.53 0.00	107.84 -1.43 0.00	88.64 -1.05 0.00	102.71 -1.30 -2.89	62.41 -0.65 -6.24	59.09 -0.65 -12.99	110.79 -2.05 0.00	97.24 -2.58 0.00	63.83 -1.78 -0.11	72.53 -2.24 0.00
DAHOWA___HYDRO 323763	151.36 11.20 0.00	70.73 5.18 0.00	134.93 9.55 0.00	176.43 11.08 0.00	151.12 9.46 0.00	185.98 12.63 0.00	125.60 9.58 0.00	148.07 8.63 -32.02	136.30 8.32 -18.89	92.08 6.00 0.00	87.65 5.23 -2.00	97.14 5.52 0.00	88.14 4.64 0.00	86.41 4.93 0.00	99.06 5.51 0.00	116.22 6.95 0.00	95.80 6.10 0.00	144.52 7.71 -35.69	138.62 4.49 -77.32	211.23 3.67 -160.81	121.31 8.47 0.00	107.05 7.23 0.00	71.41 4.56 -1.34	79.61 4.85 0.00
DANC___LFGE 323619	138.32 -1.84 0.00	65.16 -0.40 0.00	125.86 0.48 0.00	166.60 1.25 0.00	143.28 1.62 0.00	176.04 2.69 0.00	118.28 2.26 0.00	109.61 0.59 -1.61	110.14 0.09 -0.95	86.51 0.43 0.00	81.59 1.06 -0.10	92.50 0.88 0.00	83.11 -0.39 0.00	80.78 -0.70 0.00	93.41 -0.15 0.00	110.20 0.92 0.00	90.47 0.77 0.00	102.40 -0.51 -1.79	60.04 -0.66 -3.88	54.50 -0.33 -8.07	111.77 -1.07 0.00	98.64 -1.19 0.00	64.28 -1.30 -0.07	72.79 -1.98 0.00
DANSKAMMER___1 23586	149.60 9.44 0.00	69.71 4.15 0.00	132.48 7.09 0.00	173.18 7.82 0.00	148.74 7.08 0.00	183.90 10.55 0.00	124.94 8.91 0.00	141.56 8.70 -25.44	133.20 9.09 -15.01	93.32 7.24 0.00	88.31 6.29 -1.59	98.46 6.83 0.00	89.22 5.72 0.00	87.28 5.80 0.00	100.21 6.65 0.00	117.50 8.22 0.00	96.71 7.01 0.00	138.23 8.71 -28.40	123.29 4.96 -61.52	178.71 3.99 -127.96	121.89 9.05 0.00	107.33 7.50 0.00	71.31 4.74 -1.06	79.43 4.66 0.00
DANSKAMMER___2 23589	149.60 9.44 0.00	69.71 4.15 0.00	132.48 7.09 0.00	173.18 7.82 0.00	148.74 7.08 0.00	183.90 10.55 0.00	124.94 8.91 0.00	141.56 8.70 -25.44	133.20 9.09 -15.01	93.32 7.24 0.00	88.31 6.29 -1.59	98.46 6.83 0.00	89.22 5.72 0.00	87.28 5.80 0.00	100.21 6.65 0.00	117.50 8.22 0.00	96.71 7.01 0.00	138.23 8.71 -28.40	123.29 4.96 -61.52	178.71 3.99 -127.96	121.89 9.05 0.00	107.33 7.50 0.00	71.31 4.74 -1.06	79.43 4.66 0.00
DANSKAMMER___3 23590	149.60 9.44 0.00	69.71 4.15 0.00	132.48 7.09 0.00	173.18 7.82 0.00	148.74 7.08 0.00	183.90 10.55 0.00	124.94 8.91 0.00	141.56 8.70 -25.44	133.20 9.09 -15.01	93.32 7.24 0.00	88.31 6.29 -1.59	98.46 6.83 0.00	89.22 5.72 0.00	87.28 5.80 0.00	100.21 6.65 0.00	117.50 8.22 0.00	96.71 7.01 0.00	138.23 8.71 -28.40	123.29 4.96 -61.52	178.71 3.99 -127.96	121.89 9.05 0.00	107.33 7.50 0.00	71.31 4.74 -1.06	79.43 4.66 0.00

DANSKAMMER___4 23591	149.60 9.44 0.00	69.71 4.15 0.00	132.48 7.09 0.00	173.18 7.82 0.00	148.74 7.08 0.00	183.90 10.55 0.00	124.94 8.91 0.00	141.56 8.70 -25.44	133.20 9.09 -15.01	93.32 7.24 0.00	88.31 6.29 -1.59	98.46 6.83 0.00	89.22 5.72 0.00	87.28 5.80 0.00	100.21 6.65 0.00	117.50 8.22 0.00	96.71 7.01 0.00	138.23 8.71 -28.40	123.29 4.96 -61.52	178.71 3.99 -127.96	121.89 9.05 0.00	107.33 7.50 0.00	71.31 4.74 -1.06	79.43 4.66 0.00
DANSKAMMER___DIESEL 23592	149.60 9.44 0.00	69.70 4.14 0.00	132.48 7.10 0.00	173.17 7.82 0.00	148.74 7.08 0.00	183.91 10.56 0.00	124.93 8.91 0.00	141.56 8.69 -25.44	133.21 9.10 -15.01	93.32 7.24 0.00	88.31 6.30 -1.59	98.46 6.83 0.00	89.22 5.72 0.00	87.30 5.81 0.00	100.21 6.65 0.00	117.51 8.24 0.00	96.71 7.01 0.00	138.24 8.72 -28.40	123.31 4.97 -61.52	178.71 4.00 -127.96	121.86 9.02 0.00	107.31 7.48 0.00	71.30 4.73 -1.06	79.44 4.67 0.00
DARBY___SOLAR 323810	150.35 10.19 0.00	70.25 4.70 0.00	134.04 8.66 0.00	175.29 9.94 0.00	150.15 8.49 0.00	184.75 11.40 0.00	124.72 8.70 0.00	147.20 7.82 -31.96	135.49 7.54 -18.85	91.52 5.44 0.00	87.08 4.66 -2.00	96.52 4.90 0.00	87.64 4.14 0.00	85.95 4.46 0.00	98.56 5.01 0.00	115.59 6.31 0.00	95.23 5.53 0.00	143.75 7.02 -35.61	138.06 4.09 -77.16	210.57 3.34 -160.48	120.55 7.71 0.00	106.42 6.59 0.00	71.03 4.19 -1.33	79.21 4.44 0.00
DASHVILLE___HYD 23610	147.61 7.45 0.00	68.81 3.25 0.00	130.85 5.47 0.00	171.09 5.74 0.00	146.92 5.26 0.00	181.50 8.15 0.00	123.11 7.09 0.00	140.47 6.85 -26.20	131.89 7.34 -15.45	92.03 5.95 0.00	87.08 5.02 -1.64	97.10 5.48 0.00	87.97 4.47 0.00	86.01 4.53 0.00	98.79 5.23 0.00	115.77 6.50 0.00	95.23 5.54 0.00	137.58 7.27 -29.18	124.14 4.10 -63.23	181.56 3.30 -131.51	120.47 7.63 0.00	106.18 6.35 0.00	70.58 3.98 -1.09	78.66 3.89 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	156.80 12.39 -4.25	121.23 5.63 -50.05	135.70 9.74 -0.58	175.40 10.04 0.00	150.53 8.87 0.00	186.23 12.88 0.00	127.41 10.32 -1.06	141.74 8.85 -25.48	141.96 11.71 -21.15	97.22 8.94 -2.21	89.72 7.70 -1.59	100.14 8.52 0.00	90.18 6.68 0.00	88.08 6.60 0.00	102.03 8.47 0.00	178.64 12.52 -56.84	99.73 10.01 -0.02	142.59 13.06 -28.40	125.38 7.05 -61.53	188.85 5.43 -136.67	134.38 13.11 -8.43	111.63 11.81 0.00	86.89 7.97 -13.41	92.69 8.06 -9.86
DELAWARE___LFGE 323621	144.45 4.29 0.00	67.46 1.90 0.00	128.78 3.40 0.00	169.03 3.68 0.00	145.28 3.62 0.00	179.06 5.71 0.00	120.79 4.77 0.00	122.93 4.49 -11.02	120.43 4.83 -6.50	89.97 3.89 0.00	84.26 3.14 -0.69	95.12 3.49 0.00	86.57 3.07 0.00	84.53 3.05 0.00	97.04 3.48 0.00	113.63 4.35 0.00	93.23 3.53 0.00	117.54 4.13 -12.29	85.73 2.30 -26.62	103.98 1.86 -55.37	116.74 3.90 0.00	103.06 3.23 0.00	67.96 1.99 -0.46	76.63 1.86 0.00
DERFIELD_115KV_TB7 355931	141.06 0.91 0.00	65.96 0.41 0.00	126.12 0.74 0.00	165.84 0.49 0.00	142.23 0.57 0.00	174.46 1.11 0.00	117.04 1.02 0.00	108.38 0.97 0.00	110.14 1.04 0.00	86.92 0.84 0.00	81.14 0.72 0.00	92.33 0.71 0.00	84.01 0.52 0.00	82.06 0.58 0.00	94.19 0.64 0.00	110.00 0.73 0.00	90.28 0.59 0.00	101.92 0.80 0.00	57.27 0.45 0.00	47.13 0.37 0.00	113.56 0.72 0.00	100.43 0.60 0.00	65.93 0.41 0.00	75.09 0.32 0.00
DOGLEVILLE___HYD 23807	148.24 8.08 0.00	68.97 3.41 0.00	131.24 5.86 0.00	170.75 5.40 0.00	147.05 5.39 0.00	182.51 9.16 0.00	124.75 8.73 0.00	115.74 8.32 0.00	116.36 7.26 0.00	90.43 4.35 0.00	83.75 3.32 0.00	94.48 2.85 0.00	86.00 2.51 0.00	85.40 3.93 0.00	97.46 3.90 0.00	115.00 5.73 0.00	95.67 5.97 0.00	109.22 8.10 0.00	61.50 4.69 0.00	50.57 3.82 0.00	121.07 8.22 0.00	106.42 6.59 0.00	69.99 4.48 0.00	79.32 4.55 0.00
DUNKIRK___115KV_TB_200 55889	133.93 -6.23 0.00	62.50 -3.06 0.00	119.55 -5.83 0.00	157.43 -7.92 0.00	134.84 -6.82 0.00	167.24 -6.11 0.00	112.47 -3.55 0.00	106.62 -5.07 -4.28	107.11 -4.51 -2.52	82.39 -3.69 0.00	76.17 -4.52 -0.27	85.84 -5.78 0.00	78.29 -5.21 0.00	74.72 -6.76 0.00	85.36 -8.19 0.00	99.36 -9.91 0.00	81.26 -8.41 0.03	77.47 -9.49 14.17	41.98 -5.93 8.89	33.11 -5.24 8.41	28.22 -12.63 71.99	39.54 -11.62 48.66	40.06 -7.13 18.32	65.87 -7.88 1.02
DUNKIRK___1 23563	133.93 -6.23 0.00	62.50 -3.06 0.00	119.55 -5.83 0.00	157.43 -7.92 0.00	134.84 -6.82 0.00	167.24 -6.11 0.00	112.47 -3.55 0.00	106.62 -5.07 -4.28	107.11 -4.51 -2.52	82.39 -3.69 0.00	76.17 -4.52 -0.27	85.84 -5.78 0.00	78.29 -5.21 0.00	74.72 -6.76 0.00	85.36 -8.19 0.00	99.36 -9.91 0.00	81.26 -8.41 0.03	77.47 -9.49 14.17	41.98 -5.93 8.89	33.11 -5.24 8.41	28.22 -12.63 71.99	39.54 -11.62 48.66	40.06 -7.13 18.32	65.87 -7.88 1.02
DUNKIRK___2 23564	133.93 -6.23 0.00	62.50 -3.06 0.00	119.55 -5.83 0.00	157.43 -7.92 0.00	134.84 -6.82 0.00	167.24 -6.11 0.00	112.47 -3.55 0.00	106.62 -5.07 -4.28	107.11 -4.51 -2.52	82.39 -3.69 0.00	76.17 -4.52 -0.27	85.84 -5.78 0.00	78.29 -5.21 0.00	74.72 -6.76 0.00	85.36 -8.19 0.00	99.36 -9.91 0.00	81.26 -8.41 0.03	77.47 -9.49 14.17	41.98 -5.93 8.89	33.11 -5.24 8.41	28.22 -12.63 71.99	39.54 -11.62 48.66	40.06 -7.13 18.32	65.87 -7.88 1.02
DUNKIRK___3 23565	133.15 -7.01 0.00	62.14 -3.42 0.00	118.84 -6.54 0.00	156.42 -8.94 0.00	134.01 -7.65 0.00	166.05 -7.30 0.00	111.55 -4.47 0.00	105.71 -5.93 -4.22	106.24 -5.35 -2.49	81.74 -4.33 0.00	75.57 -5.12 -0.26	85.18 -6.44 0.00	77.78 -5.72 0.00	74.36 -7.12 0.00	85.21 -8.34 0.00	99.09 -10.19 0.00	81.03 -8.64 0.03	76.59 -9.73 14.80	41.60 -5.94 9.27	33.81 -5.18 7.77	30.06 -12.50 70.28	40.40 -11.48 47.95	40.13 -7.02 18.36	65.99 -7.79 0.99
DUNKIRK___4 23566	133.15 -7.01 0.00	62.14 -3.42 0.00	118.84 -6.54 0.00	156.42 -8.94 0.00	134.01 -7.65 0.00	166.05 -7.30 0.00	111.55 -4.47 0.00	105.71 -5.93 -4.22	106.24 -5.35 -2.49	81.74 -4.33 0.00	75.57 -5.12 -0.26	85.18 -6.44 0.00	77.78 -5.72 0.00	74.36 -7.12 0.00	85.21 -8.34 0.00	99.09 -10.19 0.00	81.03 -8.64 0.03	76.59 -9.73 14.80	41.60 -5.94 9.27	33.81 -5.18 7.77	30.06 -12.50 70.28	40.40 -11.48 47.95	40.13 -7.02 18.36	65.99 -7.79 0.99
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	148.74 8.58 0.00	69.28 3.72 0.00	131.49 6.11 0.00	171.65 6.29 0.00	147.45 5.79 0.00	182.40 9.05 0.00	123.98 7.96 0.00	140.75 7.85 -25.49	132.63 8.50 -15.03	93.01 6.93 0.00	88.10 6.03 -1.65	98.54 6.63 -0.29	89.10 5.54 -0.06	87.09 5.61 0.00	99.96 6.41 0.00	117.14 7.87 0.00	96.27 6.57 0.00	137.88 8.35 -28.41	123.11 4.75 -61.54	178.54 3.78 -128.00	121.27 8.43 0.00	106.80 6.98 0.00	70.99 4.42 -1.06	79.02 4.25 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	148.14 7.98 0.00	69.02 3.46 0.00	131.18 5.80 0.00	171.48 6.13 0.00	147.30 5.64 0.00	182.06 8.71 0.00	123.59 7.57 0.00	139.55 7.45 -24.68	131.52 7.87 -14.56	92.36 6.29 0.00	87.34 5.37 -1.54	97.43 5.81 0.00	88.31 4.81 0.00	86.41 4.93 0.00	99.16 5.61 0.00	116.25 6.98 0.00	95.68 5.99 0.00	136.30 7.65 -27.52	120.80 4.36 -59.63	174.27 3.49 -124.02	120.65 7.81 0.00	106.30 6.47 0.00	70.61 4.07 -1.03	78.71 3.94 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	148.95 8.79 0.00	69.31 3.76 0.00	131.34 5.96 0.00	171.31 5.96 0.00	147.27 5.61 0.00	182.38 9.03 0.00	123.95 7.92 0.00	140.87 7.96 -25.49	132.73 8.60 -15.03	93.14 7.06 0.00	88.13 6.03 -1.67	98.70 6.63 -0.46	89.12 5.53 -0.09	87.08 5.60 0.00	99.90 6.34 0.00	117.13 7.86 0.00	96.29 6.60 0.00	137.95 8.42 -28.41	123.13 4.77 -61.55	178.52 3.76 -128.01	121.27 8.43 0.00	106.83 7.00 0.00	70.90 4.32 -1.06	78.75 3.98 0.00
E179THST_13_KV_LOAD 356214	149.62 9.46 0.00	69.60 4.04 0.00	131.84 6.46 0.00	171.97 6.62 0.00	147.83 6.18 0.00	183.13 9.78 0.00	124.49 8.46 0.00	141.41 8.51 -25.49	133.30 9.17 -15.03	93.61 7.53 0.00	88.59 6.49 -1.67	99.19 7.11 -0.46	89.55 5.97 -0.09	87.51 6.03 0.00	100.43 6.87 0.00	117.71 8.43 0.00	96.78 7.08 0.00	138.49 8.96 -28.41	123.45 5.09 -61.55	178.79 4.02 -128.01	121.89 9.05 0.00	107.33 7.50 0.00	71.22 4.65 -1.06	79.10 4.33 0.00
EAST HAMPTON___GT 23717	154.69 10.28 -4.25	120.26 4.66 -50.05	133.90 7.94 -0.58	173.10 7.75 0.00	148.61 6.95 0.00	183.94 10.59 0.00	126.10 9.02 -1.06	140.58 7.69 -25.48	140.61 10.36 -21.15	95.91 7.62 -2.21	88.66 6.64 -1.59	99.04 7.41 0.00	89.06 5.56 0.00	86.94 5.46 0.00	100.89 7.33 0.00	178.31 12.19 -56.84	99.86 10.14 -0.02	143.10 13.58 -28.40	125.58 7.24 -61.53	188.70 5.28 -136.67	134.82 13.55 -8.43	113.00 13.18 0.00	87.71 8.78 -13.41	93.49 8.85 -9.86
EAST RIVER___6 23660	148.73 8.57 0.00	69.23 3.67 0.00	131.21 5.83 0.00	171.18 5.83 0.00	147.07 5.41 0.00	182.21 8.86 0.00	124.04 8.02 0.00	140.95 8.05 -25.49	132.91 8.77 -15.03	93.31 7.23 0.00	88.26 6.24 -1.59	98.51 6.89 0.00	89.29 5.79 0.00	87.31 5.83 0.00	100.18 6.63 0.00	117.39 8.11 0.00	96.57 6.87 0.00	138.22 8.69 -28.40	123.25 4.90 -61.54	178.58 3.83 -128.00	121.43 8.59 0.00	106.81 6.98 0.00	70.91 4.34 -1.06	78.83 4.06 0.00
EAST RIVER___7 23524	148.73 8.57 0.00	69.23 3.67 0.00	131.21 5.83 0.00	171.18 5.83 0.00	147.07 5.41 0.00	182.21 8.86 0.00	124.04 8.02 0.00	140.95 8.05 -25.49	132.91 8.77 -15.03	93.31 7.23 0.00	88.26 6.24 -1.59	98.51 6.89 0.00	89.29 5.79 0.00	87.31 5.83 0.00	100.18 6.63 0.00	117.39 8.11 0.00	96.57 6.87 0.00	138.22 8.69 -28.40	123.25 4.90 -61.54	178.58 3.83 -128.00	121.43 8.59 0.00	106.81 6.98 0.00	70.91 4.34 -1.06	78.83 4.06 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	148.42 8.26 0.00	69.13 3.58 0.00	131.24 5.86 0.00	171.33 5.98 0.00	147.18 5.52 0.00	182.04 8.69 0.00	123.75 7.72 0.00	140.44 7.60 -25.43	132.31 8.21 -15.00	92.77 6.69 0.00	87.81 5.79 -1.59	98.00 6.38 0.00	88.81 5.31 0.00	86.85 5.37 0.00	99.70 6.15 0.00	116.82 7.55 0.00	96.02 6.32 0.00	137.54 8.07 -28.35	122.81 4.59 -61.41	178.13 3.65 -127.73	120.98 8.13 0.00	106.56 6.73 0.00	70.82 4.25 -1.06	78.86 4.09 0.00
EAST_HAMPTON___DIESEL 23722	154.26 9.85 -4.25	120.05 4.45 -50.05	133.50 7.54 -0.58	172.57 7.22 0.00	148.18 6.52 0.00	183.38 10.03 0.00	125.73 8.65 -1.06	140.25 7.35 -25.48	140.23 9.98 -21.15	95.64 7.36 -2.21	88.43 6.42 -1.59	98.80 7.17 0.00	88.83 5.33 0.00	86.70 5.22 0.00	100.60 7.05 0.00	178.09 11.97 -56.84	99.74 10.02 -0.02	142.96 13.43 -28.40	125.51 7.17 -61.53	188.66 5.24 -136.67	134.78 13.51 -8.43	112.99 13.16 0.00	87.70 8.77 -13.41	93.46 8.83 -9.86
EAST_POINT___SOLAR 323840	150.60 10.44 0.00	70.37 4.81 0.00	134.59 9.20 0.00	177.49 12.14 0.00	152.72 11.06 0.00	188.26 14.91 0.00	127.20 11.17 0.00	152.82 10.32 -35.09	137.47 7.68 -20.70	89.28 3.20 0.00	84.21 1.59 -2.19	93.93 2.31 0.00	86.81 3.31 0.00	85.58 4.09 -0.01	98.74 5.19 0.00	116.73 7.45 0.00	97.39 7.69 0.00	149.76 9.53 -39.11	146.95 5.41 -84.73	227.37 4.39 -176.22	122.66 9.82 0.00	107.98 8.15 0.00	72.08 5.11 -1.46	80.08 5.31 0.00
EAST_PULASKI___ESR 323781	136.93 -3.23 0.00	64.21 -1.35 0.00	123.03 -2.35 0.00	162.19 -3.16 0.00	139.26 -2.40 0.00	171.23 -2.12 0.00	115.18 -0.84 0.00	107.81 -1.45 -1.84	108.58 -1.61 -1.09	84.82 -1.26 0.00	79.43 -1.11 -0.11	90.13 -1.50 0.00	81.67 -1.82 0.00	79.45 -2.03 0.00	91.54 -2.02 0.00	107.43 -1.85 0.00	88.27 -1.43 0.00	101.14 -2.03 -2.05	60.00 -1.25 -4.45	55.03 -0.97 -9.25	110.12 -2.72 0.00	97.15 -2.68 0.00	63.58 -2.00 -0.08	72.15 -2.62 0.00
EAST_RIVER___1 323558	148.88 8.71 0.00	69.30 3.74 0.00	131.34 5.96 0.00	171.33 5.98 0.00	147.16 5.50 0.00	182.30 8.95 0.00	124.05 8.02 0.00	140.94 8.04 -25.49	132.87 8.73 -15.03	93.24 7.17 0.00	88.23 6.21 -1.59	98.44 6.82 0.00	89.22 5.73 0.00	87.25 5.77 0.00	100.09 6.53 0.00	117.33 8.06 0.00	96.48 6.78 0.00	138.13 8.60 -28.40	123.21 4.85 -61.54	178.57 3.82 -128.00	121.41 8.57 0.00	106.83 7.00 0.00	70.95 4.37 -1.06	78.88 4.12 0.00
EAST_RIVER___2 323559	148.73 8.57 0.00	69.23 3.67 0.00	131.21 5.83 0.00	171.18 5.83 0.00	147.07 5.41 0.00	182.21 8.86 0.00	124.04 8.02 0.00	140.95 8.05 -25.49	132.91 8.77 -15.03	93.31 7.23 0.00	88.26 6.24 -1.59	98.51 6.89 0.00	89.29 5.79 0.00	87.31 5.83 0.00	100.18 6.63 0.00	117.39 8.11 0.00	96.57 6.87 0.00	138.22 8.69 -28.40	123.25 4.90 -61.54	178.58 3.83 -128.00	121.43 8.59 0.00	106.81 6.98 0.00	70.91 4.34 -1.06	78.83 4.06 0.00
EAST___DELAWARE_HYD 23607	146.39 6.23 0.00	67.75 2.19 0.00	128.93 3.55 0.00	168.94 3.59 0.00	144.93 3.27 0.00	179.28 5.93 0.00	121.74 5.72 0.00	136.40 5.73 -23.26	128.77 5.95 -13.72	90.69 4.61 0.00	85.53 3.65 -1.45	95.21 3.59 0.00	86.26 2.76 0.00	84.38 2.90 0.00	96.88 3.32 0.00	113.86 4.58 0.00	94.07 4.38 0.00	132.95 5.90 -25.93	116.39 3.41 -56.17	166.31 2.73 -116.82	118.84 6.01 0.00	104.62 4.79 0.00	69.38 2.90 -0.97	77.36 2.59 0.00
EIGHT_POINT___WT_PWR 323820	134.50 -5.66 0.00	62.70 -2.85 0.00	119.95 -5.43 0.00	156.21 -9.14 0.00	133.80 -7.86 0.00	164.51 -8.84 0.00	112.09 -3.93 0.00	108.86 -3.79 -5.23	110.43 -1.75 -3.08	83.96 -2.12 0.00	78.31 -2.45 -0.33	88.37 -3.25 0.00	80.96 -2.54 0.00	77.90 -3.58 0.00	89.35 -4.20 0.00	103.48 -5.80 0.00	84.04 -5.75 -0.09	102.74 -7.82 -9.43	66.71 -4.97 -14.87	61.15 -4.77 -19.16	-2.62 -11.23 104.24	8.98 -10.52 80.32	37.13 -7.30 21.08	64.33 -8.13 2.31
ELBRIDGE_115KV_TB2 80188	137.78 -2.38 0.00	64.33 -1.23 0.00	122.75 -2.63 0.00	161.33 -4.02 0.00	138.67 -2.99 0.00	170.37 -2.98 0.00	114.68 -1.35 0.00	108.75 -1.41 -2.74	109.50 -1.22 -1.62	84.84 -1.24 0.00	79.05 -1.55 -0.17	89.62 -2.01 0.00	81.71 -1.79 0.00	79.56 -1.92 0.00	91.42 -2.14 0.00	107.07 -2.20 0.00	87.99 -1.71 0.00	102.31 -1.88 -3.06	62.41 -1.02 -6.62	59.62 -0.90 -13.77	110.18 -2.66 0.00	97.02 -2.81 0.00	63.75 -1.88 -0.11	72.45 -2.32 0.00
ELEC_TRO_TEK 24086	154.42 10.02 -4.25	120.08 4.48 -50.05	133.44 7.48 -0.58	173.10 7.75 0.00	148.81 7.15 0.00	183.73 10.38 0.00	126.05 8.97 -1.06	141.22 8.33 -25.48	139.68 9.43 -21.15	95.87 7.59 -2.21	88.69 6.63 -1.63	99.25 7.41 -0.22	89.62 6.08 -0.04	87.57 6.09 0.00	100.72 7.16 0.00	175.23 9.11 -56.84	97.15 7.43 -0.02	139.01 9.48 -28.40	123.75 5.41 -61.53	187.78 4.36 -136.67	131.03 9.76 -8.43	107.84 8.01 0.00	84.13 5.20 -13.41	89.75 5.11 -9.86

ELLENBURG_WT_PWR 323604	136.41 -3.75 0.00	63.94 -1.62 0.00	123.70 -1.68 0.00	165.17 -0.18 0.00	140.51 -1.15 0.00	171.55 -1.81 0.00	113.58 -2.45 0.00	105.06 -2.35 0.00	105.84 -3.26 0.00	83.30 -2.77 0.00	78.64 -1.79 0.00	90.53 -1.09 0.00	82.60 -0.90 0.00	81.08 -0.40 0.00	94.03 0.47 0.00	109.87 0.59 0.00	89.81 0.11 0.00	99.97 -1.15 0.00	55.98 -0.83 0.00	46.06 -0.70 0.00	111.14 -1.70 0.00	98.06 -1.76 0.00	64.19 -1.32 0.00	74.63 -0.14 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	130.95 -9.21 0.00	61.13 -4.43 0.00	116.88 -8.50 0.00	153.70 -11.65 0.00	131.76 -9.90 0.00	163.13 -10.22 0.00	109.24 -6.78 0.00	103.32 -8.20 -4.10	103.83 -7.68 -2.42	79.93 -6.15 0.00	73.87 -6.82 -0.26	83.31 -8.31 0.00	76.11 -7.39 0.00	73.03 -8.45 0.00	84.16 -9.40 0.00	97.70 -11.58 0.00	79.91 -9.75 0.03	75.70 -11.03 14.39	41.72 -6.36 8.74	35.36 -5.37 6.03	34.05 -12.97 65.82	42.65 -11.77 45.41	40.75 -7.18 17.58	65.91 -7.92 0.94
EMPIRE_CC_1 323656	145.63 5.47 0.00	68.14 2.58 0.00	130.00 4.62 0.00	170.22 4.87 0.00	145.95 4.29 0.00	179.43 6.08 0.00	120.79 4.77 0.00	141.79 4.36 -30.02	131.34 4.54 -17.71	90.06 3.98 0.00	85.96 3.66 -1.88	95.67 4.05 0.00	86.86 3.36 0.00	85.03 3.55 0.00	97.48 3.92 0.00	113.38 4.10 0.00	92.85 3.16 0.00	138.54 3.97 -33.45	131.52 2.22 -72.48	199.32 1.81 -150.75	117.33 4.50 0.00	103.94 4.11 0.00	69.66 2.90 -1.25	77.85 3.08 0.00
EMPIRE_CC_2 323658	145.63 5.47 0.00	68.14 2.58 0.00	130.00 4.62 0.00	170.22 4.87 0.00	145.95 4.29 0.00	179.43 6.08 0.00	120.79 4.77 0.00	141.79 4.36 -30.02	131.34 4.54 -17.71	90.06 3.98 0.00	85.96 3.66 -1.88	95.67 4.05 0.00	86.86 3.36 0.00	85.03 3.55 0.00	97.48 3.92 0.00	113.38 4.10 0.00	92.85 3.16 0.00	138.54 3.97 -33.45	131.52 2.22 -72.48	199.32 1.81 -150.75	117.33 4.50 0.00	103.94 4.11 0.00	69.66 2.90 -1.25	77.85 3.08 0.00
ENORWICH_115KV_TB1 80156	145.21 5.05 0.00	67.73 2.17 0.00	129.49 4.11 0.00	171.25 5.90 0.00	148.62 6.96 0.00	186.06 12.71 0.00	127.07 11.05 0.00	125.55 10.26 -7.88	125.27 11.53 -4.64	94.97 8.89 0.00	86.98 6.06 -0.49	97.94 6.31 0.00	89.28 5.78 0.00	87.49 6.01 0.00	101.19 7.64 0.00	119.03 9.75 0.00	98.06 8.36 0.00	136.26 9.60 -25.53	97.61 5.08 -35.72	115.80 3.23 -65.81	206.19 5.69 -87.66	166.27 3.69 -62.76	89.55 1.75 -22.28	77.69 1.46 -1.47
ERIE_ST__34_KV_TB1-2 80199	133.73 -6.43 0.00	62.35 -3.20 0.00	119.11 -6.27 0.00	156.58 -8.78 0.00	134.29 -7.37 0.00	166.20 -7.15 0.00	111.39 -4.64 0.00	105.60 -6.09 -4.27	106.24 -5.38 -2.52	81.79 -4.29 0.00	75.67 -5.03 -0.27	85.36 -6.26 0.00	78.13 -5.37 0.00	74.95 -6.53 0.00	86.46 -7.10 0.00	100.44 -8.83 0.00	82.06 -7.61 0.03	79.57 -8.32 13.23	44.62 -4.88 7.31	38.89 -4.18 3.68	36.65 -10.08 66.11	44.37 -9.27 46.19	42.29 -5.60 17.62	67.42 -6.36 0.99
ERIE_WT_PWR 323693	131.95 -8.21 0.00	61.59 -3.97 0.00	117.80 -7.58 0.00	154.81 -10.54 0.00	132.81 -8.85 0.00	164.40 -8.95 0.00	110.24 -5.78 0.00	104.38 -7.24 -4.21	104.88 -6.70 -2.48	80.63 -5.45 0.00	74.63 -6.06 -0.26	84.09 -7.53 0.00	76.91 -6.58 0.00	73.75 -7.73 0.00	84.98 -8.57 0.00	98.69 -10.58 0.00	80.68 -8.98 0.03	76.73 -10.17 14.22	42.58 -5.89 8.34	36.69 -5.05 5.01	33.87 -12.27 66.70	42.30 -11.11 46.41	40.80 -6.80 17.91	66.25 -7.54 0.98
ESPRGFLD_115KV_TB1 80157	145.33 5.17 0.00	67.89 2.34 0.00	129.89 4.51 0.00	171.35 6.00 0.00	147.65 5.99 0.00	182.07 8.72 0.00	122.88 6.86 0.00	113.68 6.26 0.00	115.09 5.99 0.00	90.47 4.39 0.00	83.58 3.16 0.00	95.11 3.49 0.00	86.89 3.39 0.00	85.07 3.60 0.00	97.90 4.35 0.00	115.20 5.92 0.00	94.85 5.16 0.00	107.10 5.98 0.00	60.09 3.28 0.00	49.35 2.60 0.00	118.24 5.40 0.00	104.13 4.30 0.00	68.07 2.56 0.00	77.17 2.40 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	141.64 1.48 0.00	66.10 0.54 0.00	126.14 0.76 0.00	165.76 0.41 0.00	142.61 0.95 0.00	175.75 2.40 0.00	118.64 2.62 0.00	115.45 2.37 -5.66	115.25 2.82 -3.34	87.88 1.80 0.00	81.54 0.76 -0.35	92.06 0.44 0.00	84.04 0.54 0.00	81.92 0.44 0.00	94.00 0.44 0.00	110.55 1.28 0.00	91.01 1.31 -0.01	149.27 1.68 -46.47	111.50 0.93 -53.76	139.23 0.60 -91.88	328.74 0.72 -215.19	254.19 0.09 -154.27	119.34 -0.10 -53.93	77.98 -0.41 -3.62
ETNA____115KV_TB2 80207	141.64 1.48 0.00	66.10 0.54 0.00	126.14 0.76 0.00	165.76 0.41 0.00	142.61 0.95 0.00	175.75 2.40 0.00	118.64 2.62 0.00	115.45 2.37 -5.66	115.25 2.82 -3.34	87.88 1.80 0.00	81.54 0.76 -0.35	92.06 0.44 0.00	84.04 0.54 0.00	81.92 0.44 0.00	94.00 0.44 0.00	110.55 1.28 0.00	91.01 1.31 -0.01	149.27 1.68 -46.47	111.50 0.93 -53.76	139.23 0.60 -91.88	328.74 0.72 -215.19	254.19 0.09 -154.27	119.34 -0.10 -53.93	77.98 -0.41 -3.62
EUCLID__115KV_TB2 356179	136.82 -3.35 0.00	63.97 -1.59 0.00	122.09 -3.29 0.00	160.52 -4.83 0.00	137.82 -3.84 0.00	169.47 -3.88 0.00	113.99 -2.03 0.00	107.51 -2.06 -2.16	108.45 -1.92 -1.27	84.38 -1.70 0.00	78.69 -1.88 -0.13	89.29 -2.34 0.00	81.34 -2.15 0.00	79.20 -2.28 0.00	91.00 -2.56 0.00	106.49 -2.78 0.00	88.17 -1.53 0.00	101.79 -1.87 -2.54	60.67 -1.34 -5.20	56.44 -1.14 -10.82	109.73 -3.11 0.00	96.75 -3.08 0.00	63.55 -2.05 -0.09	72.27 -2.50 0.00
E_CANADA_CAP_HY 24051	147.15 6.99 0.00	68.82 3.26 0.00	131.71 6.33 0.00	173.95 8.60 0.00	149.76 8.10 0.00	184.26 10.92 0.00	124.13 8.11 0.00	151.23 7.36 -36.46	136.83 6.23 -21.50	89.98 3.90 0.00	85.35 2.65 -2.28	94.67 3.04 0.00	86.79 3.29 0.00	85.34 3.86 -0.01	98.11 4.56 0.00	115.47 6.19 0.00	95.51 5.82 0.00	148.65 6.90 -40.63	148.67 3.84 -88.02	232.92 3.10 -183.07	119.68 6.84 0.00	105.47 5.64 0.00	70.62 3.59 -1.52	78.41 3.64 0.00
E_CANADA_MHWK_HY 24050	148.24 8.08 0.00	68.97 3.41 0.00	131.24 5.86 0.00	170.75 5.40 0.00	147.05 5.39 0.00	182.51 9.16 0.00	124.75 8.73 0.00	115.74 8.32 0.00	116.36 7.26 0.00	90.43 4.35 0.00	83.75 3.32 0.00	94.48 2.85 0.00	86.00 2.51 0.00	85.40 3.93 0.00	97.46 3.90 0.00	115.00 5.73 0.00	95.67 5.97 0.00	109.22 8.10 0.00	61.50 4.69 0.00	50.57 3.82 0.00	121.07 8.22 0.00	106.42 6.59 0.00	69.99 4.48 0.00	79.32 4.55 0.00
E_FISHKILL__LBMP 23776	147.75 7.59 0.00	68.85 3.29 0.00	130.85 5.47 0.00	170.94 5.59 0.00	146.79 5.13 0.00	181.38 8.03 0.00	123.13 7.11 0.00	140.40 6.97 -26.01	131.91 7.47 -15.34	92.12 6.04 0.00	87.38 5.33 -1.63	97.45 5.83 0.00	88.33 4.83 0.00	86.41 4.93 0.00	99.18 5.63 0.00	116.10 6.82 0.00	95.37 5.68 0.00	137.35 7.23 -28.99	123.77 4.14 -62.81	180.70 3.31 -130.64	120.24 7.40 0.00	105.99 6.16 0.00	70.52 3.93 -1.09	78.57 3.81 0.00
FALCON__SEABRD_CC1 323796	136.64 -3.53 0.00	64.06 -1.50 0.00	123.87 -1.51 0.00	165.42 0.07 0.00	140.80 -0.86 0.00	172.29 -1.06 0.00	114.47 -1.55 0.00	105.90 -1.52 0.00	106.47 -2.63 0.00	83.55 -2.53 0.00	78.85 -1.58 0.00	90.76 -0.86 0.00	82.96 -0.54 0.00	81.66 0.18 0.00	94.81 1.25 0.00	110.81 1.54 0.00	90.41 0.72 0.00	100.81 -0.31 0.00	56.44 -0.37 0.00	46.48 -0.27 0.00	111.86 -0.98 0.00	98.66 -1.17 0.00	64.57 -0.95 0.00	75.62 0.85 0.00

FALCON___SEABRD_CC2 323797	136.64 -3.53 0.00	64.06 -1.50 0.00	123.87 -1.51 0.00	165.42 0.07 0.00	140.80 -0.86 0.00	172.29 -1.06 0.00	114.47 -1.55 0.00	105.90 -1.52 0.00	106.47 -2.63 0.00	83.55 -2.53 0.00	78.85 -1.58 0.00	90.76 -0.86 0.00	82.96 -0.54 0.00	81.66 0.18 0.00	94.81 1.25 0.00	110.81 1.54 0.00	90.41 0.72 0.00	100.81 -0.31 0.00	56.44 -0.37 0.00	46.48 -0.27 0.00	111.86 -0.98 0.00	98.66 -1.17 0.00	64.57 -0.95 0.00	75.62 0.85 0.00
FAR ROCKAWAY___4 23548	155.51 11.10 -4.25	120.85 5.25 -50.05	134.63 8.67 -0.58	174.52 9.17 0.00	150.47 8.81 0.00	185.51 12.16 0.00	126.88 9.80 -1.06	141.93 9.03 -25.48	140.41 10.16 -21.15	96.53 8.25 -2.21	89.48 7.42 -1.63	100.22 8.38 -0.22	90.51 6.97 -0.04	88.41 6.93 0.00	101.60 8.04 0.00	175.86 9.74 -56.84	97.78 8.07 -0.02	139.79 10.26 -28.40	124.18 5.84 -61.53	188.14 4.71 -136.67	131.85 10.58 -8.43	108.65 8.82 0.00	84.81 5.89 -13.41	90.46 5.83 -9.86
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	148.92 8.76 0.00	69.33 3.77 0.00	131.40 6.02 0.00	171.43 6.09 0.00	147.26 5.60 0.00	182.39 9.03 0.00	124.09 8.06 0.00	140.98 8.08 -25.49	132.88 8.75 -15.03	93.27 7.19 0.00	88.22 6.20 -1.59	98.41 6.79 0.00	89.21 5.71 0.00	87.24 5.76 0.00	100.09 6.53 0.00	117.32 8.04 0.00	96.48 6.78 0.00	138.14 8.61 -28.41	123.22 4.86 -61.54	178.58 3.82 -128.00	121.37 8.53 0.00	106.83 7.01 0.00	70.96 4.38 -1.06	78.92 4.15 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	149.02 8.86 0.00	69.37 3.81 0.00	131.46 6.08 0.00	171.50 6.15 0.00	147.30 5.65 0.00	182.49 9.14 0.00	124.15 8.13 0.00	141.03 8.12 -25.49	132.95 8.82 -15.03	93.31 7.23 0.00	88.25 6.23 -1.59	98.44 6.82 0.00	89.24 5.75 0.00	87.26 5.78 0.00	100.09 6.54 0.00	117.36 8.08 0.00	96.50 6.81 0.00	138.21 8.68 -28.41	123.25 4.90 -61.54	178.60 3.84 -128.00	121.43 8.59 0.00	106.89 7.06 0.00	71.01 4.43 -1.06	78.96 4.19 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	148.87 8.71 0.00	69.30 3.74 0.00	131.34 5.96 0.00	171.34 5.99 0.00	147.16 5.50 0.00	182.29 8.94 0.00	124.03 8.01 0.00	140.91 8.01 -25.49	132.81 8.67 -15.03	93.22 7.14 0.00	88.17 6.15 -1.59	98.37 6.75 0.00	89.16 5.66 0.00	87.18 5.70 0.00	100.02 6.46 0.00	117.25 7.97 0.00	96.41 6.72 0.00	138.09 8.56 -28.41	123.20 4.84 -61.54	178.54 3.78 -128.00	121.28 8.44 0.00	106.77 6.94 0.00	70.94 4.36 -1.06	78.88 4.11 0.00
FARRAGUT___LBMP 323566	148.76 8.60 0.00	69.25 3.69 0.00	131.21 5.83 0.00	171.22 5.87 0.00	147.07 5.41 0.00	182.14 8.79 0.00	123.92 7.90 0.00	140.80 8.57 -25.49	132.70 8.7 -15.03	93.14 7.06 0.00	88.09 6.07 -1.59	98.26 6.64 0.00	89.06 5.56 0.00	87.09 5.61 0.00	99.91 6.36 0.00	117.14 7.87 0.00	96.32 6.62 0.00	137.99 8.46 -28.41	123.14 4.78 -61.54	178.50 3.75 -128.00	121.17 8.33 0.00	106.69 6.86 0.00	70.88 4.30 -1.06	78.83 4.06 0.00
FENNER___WINDPWR 24204	141.99 1.83 0.00	66.44 0.88 0.00	127.11 1.73 0.00	167.51 2.16 0.00	144.04 2.38 0.00	177.36 4.01 0.00	119.54 3.52 0.00	113.76 3.30 -3.04	114.33 3.44 -1.79	88.39 2.31 0.00	82.36 1.74 -0.19	93.22 1.60 0.00	84.87 1.38 0.00	82.80 1.32 0.00	95.08 1.52 0.00	111.63 2.35 0.00	91.81 2.12 0.00	114.12 2.37 -10.63	72.63 1.25 -14.57	74.57 0.92 -26.89	155.11 1.68 -40.59	130.15 1.14 -29.18	76.30 0.61 -10.18	75.86 0.40 -0.69
FIBERTEK___ENERGY 23856	138.38 -1.78 0.00	64.66 -0.90 0.00	123.20 -2.19 0.00	161.78 -3.57 0.00	139.38 -2.28 0.00	171.35 -2.00 0.00	115.38 -0.64 0.00	109.26 -0.74 -2.59	110.06 -0.56 -1.53	85.37 -0.71 0.00	79.58 -1.01 -0.16	90.25 -1.37 0.00	82.28 -1.22 0.00	80.00 -1.48 0.00	92.02 -1.53 0.00	107.84 -1.43 0.00	88.64 -1.05 0.00	102.71 -1.30 -2.89	62.41 -0.65 -6.24	59.09 -0.65 -12.99	110.79 -2.05 0.00	97.24 -2.58 0.00	63.83 -1.78 -0.11	72.53 -2.24 0.00
FITZPATRICK____ 23598	134.78 -5.38 0.00	63.04 -2.52 0.00	120.38 -5.00 0.00	158.41 -6.94 0.00	135.89 -5.77 0.00	166.90 -6.45 0.00	112.07 -3.95 0.00	105.11 -3.83 -1.52	106.23 -3.76 -0.90	82.99 -3.08 0.00	77.42 -3.10 -0.09	87.96 -3.66 0.00	80.13 -3.36 0.00	78.09 -3.39 0.00	89.71 -3.85 0.00	104.88 -4.40 0.00	86.13 -3.57 0.00	98.82 -4.00 -1.69	58.28 -2.21 -3.67	52.55 -1.84 -7.63	108.12 -4.72 0.00	95.44 -4.39 0.00	62.70 -2.87 -0.06	71.40 -3.37 0.00
FLOWRFLD_69_KV_BK1 356044	157.00 12.59 -4.25	121.35 5.75 -50.05	135.89 9.93 -0.58	175.84 10.49 0.00	151.11 9.45 0.00	186.68 13.33 0.00	127.87 10.79 -1.06	142.38 9.48 -25.48	141.83 11.57 -21.15	97.50 9.22 -2.21	90.03 8.00 -1.59	100.41 8.79 0.00	90.61 7.11 0.00	88.53 7.05 0.00	102.32 8.76 0.00	177.80 11.68 -56.84	98.73 9.02 -0.02	141.07 11.54 -28.40	124.78 6.44 -61.53	188.63 5.21 -136.67	133.32 12.06 -8.43	109.89 10.06 0.00	85.63 6.71 -13.41	91.41 6.78 -9.86
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	149.99 9.83 0.00	69.89 4.33 0.00	132.83 7.44 0.00	173.61 8.26 0.00	149.12 7.46 0.00	184.41 11.06 0.00	125.32 9.29 0.00	142.05 9.05 -25.58	133.63 9.45 -15.09	93.60 7.52 0.00	88.58 6.55 -1.60	98.75 7.13 0.00	89.47 5.98 0.00	87.55 6.07 0.00	100.52 6.96 0.00	117.84 8.56 0.00	96.95 7.25 0.00	138.62 8.98 -28.51	123.70 5.11 -61.78	179.36 4.13 -128.48	122.12 9.28 0.00	107.55 7.73 0.00	71.46 4.88 -1.07	79.60 4.83 0.00
FORT ORANGE____ 23900	146.02 5.86 0.00	68.32 2.76 0.00	130.33 4.95 0.00	170.81 5.46 0.00	146.33 4.67 0.00	179.03 5.68 0.00	119.76 3.74 0.00	141.74 3.39 -30.93	130.79 3.45 -18.24	88.74 2.67 0.00	85.33 2.97 -1.93	94.58 2.96 0.00	85.83 2.33 0.00	83.83 2.35 0.00	95.78 2.23 0.00	111.14 1.87 0.00	91.81 2.12 0.00	138.69 3.09 -34.47	133.45 1.96 -74.68	203.68 1.59 -155.33	116.70 3.86 0.00	103.42 3.59 0.00	69.47 2.66 -1.29	78.13 3.36 0.00
FORT_DRUM_COGEN 23780	141.47 1.31 0.00	66.87 1.32 0.00	129.83 4.45 0.00	172.44 7.09 0.00	148.48 6.83 0.00	182.30 8.95 0.00	122.43 6.40 0.00	112.65 3.96 -1.27	113.07 3.23 -0.75	89.19 3.11 0.00	84.45 3.95 -0.08	95.63 4.01 0.00	85.40 1.91 0.00	83.00 1.52 0.00	96.24 2.68 0.00	113.97 4.69 0.00	93.66 3.96 0.00	105.04 2.51 -1.41	60.71 0.84 -3.06	54.15 1.03 -6.37	115.10 2.26 0.00	101.61 1.78 0.00	66.01 0.44 -0.05	74.63 -0.13 0.00
FOX_HILLS___ESR 323835	149.29 9.13 0.00	69.60 4.04 0.00	131.61 6.23 0.00	171.49 6.14 0.00	147.27 5.61 0.00	182.50 9.15 0.00	124.13 8.11 0.00	140.93 8.02 -25.49	132.97 8.83 -15.04	93.49 7.39 -0.02	85.39 6.17 1.20	88.86 6.74 9.50	86.21 5.64 2.94	87.21 5.73 0.00	100.05 6.49 0.00	117.28 8.00 0.00	94.61 6.77 1.86	130.70 8.67 -20.91	123.38 5.02 -61.55	178.75 3.98 -128.01	121.76 8.92 0.00	107.14 7.31 0.00	71.16 4.59 -1.06	79.13 4.36 0.00
FPL FAR_ROCK_GT1 24212	155.51 11.10 -4.25	120.86 5.25 -50.05	134.63 8.67 -0.58	174.52 9.17 0.00	150.48 8.82 0.00	185.49 12.14 0.00	126.88 9.80 -1.06	141.93 9.03 -25.48	140.41 10.16 -21.15	96.53 8.24 -2.21	89.48 7.42 -1.63	100.22 8.37 -0.22	90.51 6.97 -0.04	88.41 6.93 0.00	101.60 8.04 0.00	175.86 9.74 -56.84	97.79 8.07 -0.02	139.76 10.24 -28.40	124.18 5.84 -61.53	188.15 4.73 -136.67	131.93 10.66 -8.43	108.67 8.84 0.00	84.82 5.89 -13.41	90.46 5.83 -9.86

FPL FAR_ROCK_GT2 23815	155.51 11.10 -4.25	120.86 5.25 -50.05	134.63 8.67 -0.58	174.52 9.17 0.00	150.48 8.82 0.00	185.49 12.14 0.00	126.88 9.80 -1.06	141.93 9.03 -25.48	140.41 10.16 -21.15	96.53 8.24 -2.21	89.48 7.42 -1.63	100.22 8.37 -0.22	90.51 6.97 -0.04	88.41 6.93 0.00	101.60 8.04 0.00	175.86 9.74 -56.84	97.79 8.07 -0.02	139.76 10.24 -28.40	124.18 5.84 -61.53	188.15 4.73 -136.67	131.93 10.66 -8.43	108.67 8.84 0.00	84.82 5.89 -13.41	90.46 5.83 -9.86
FRANKLIN_FALL_HYD 24054	140.34 0.18 0.00	65.81 0.26 0.00	127.14 1.76 0.00	169.71 4.36 0.00	144.39 2.73 0.00	175.78 2.43 0.00	116.69 0.67 0.00	107.79 0.37 0.00	108.68 -0.42 0.00	85.72 -0.36 0.00	80.90 0.47 0.00	93.08 1.46 0.00	84.92 1.42 0.00	83.14 1.67 0.00	96.24 2.68 0.00	112.09 2.82 0.00	91.62 1.92 0.00	102.18 1.06 0.00	57.28 0.47 0.00	47.15 0.39 0.00	113.62 0.78 0.00	100.68 0.86 0.00	65.89 0.38 0.00	76.39 1.62 0.00
FREEPORT_EQUS_GT1 23764	154.75 10.34 -4.25	120.26 4.66 -50.05	133.76 7.80 -0.58	173.41 8.06 0.00	149.09 7.43 0.00	184.16 10.81 0.00	126.38 9.30 -1.06	141.44 8.55 -25.48	139.94 9.69 -21.15	96.04 7.76 -2.21	88.90 6.85 -1.63	99.66 7.82 -0.22	89.94 6.40 -0.04	87.70 6.22 0.00	100.83 7.27 0.00	175.53 9.41 -56.84	97.39 7.68 -0.02	139.01 9.49 -28.40	123.77 5.43 -61.53	187.80 4.38 -136.67	131.45 10.18 -8.43	108.15 8.33 0.00	84.39 5.47 -13.41	90.14 5.51 -9.86
FREEPORT___CT2 23818	154.75 10.34 -4.25	120.26 4.66 -50.05	133.76 7.80 -0.58	173.41 8.06 0.00	149.09 7.43 0.00	184.16 10.81 0.00	126.38 9.30 -1.06	141.44 8.55 -25.48	139.94 9.69 -21.15	96.04 7.76 -2.21	88.90 6.85 -1.63	99.66 7.82 -0.22	89.94 6.40 -0.04	87.70 6.22 0.00	100.83 7.27 0.00	175.53 9.41 -56.84	97.39 7.68 -0.02	139.01 9.49 -28.40	123.77 5.43 -61.53	187.80 4.38 -136.67	131.45 10.18 -8.43	108.15 8.33 0.00	84.39 5.47 -13.41	90.14 5.51 -9.86
FRESHKLS_33_KV_LOAD 356253	149.29 9.13 0.00	69.65 4.09 0.00	131.65 6.27 0.00	171.46 6.12 0.00	147.24 5.59 0.00	182.50 9.15 0.00	124.01 7.98 0.00	140.72 7.82 -25.49	132.78 8.63 -15.04	93.36 7.26 -0.02	85.32 5.91 1.02	89.56 6.44 8.51	86.11 5.35 2.75	86.93 5.45 0.00	99.71 6.16 0.00	116.95 7.67 0.00	94.38 6.55 1.86	130.44 8.41 -20.91	123.29 4.93 -61.55	178.68 3.92 -128.01	121.62 8.78 0.00	107.01 7.18 0.00	71.09 4.52 -1.06	79.05 4.29 0.00
FULTON COGEN____ 23766	136.27 -3.89 0.00	63.75 -1.81 0.00	121.64 -3.75 0.00	159.93 -5.42 0.00	137.36 -4.30 0.00	168.91 -4.44 0.00	113.66 -2.37 0.00	107.10 -2.33 -2.02	108.02 -2.27 -1.19	84.05 -2.03 0.00	78.45 -2.10 -0.13	89.04 -2.59 0.00	81.02 -2.48 0.00	78.94 -2.54 0.00	90.70 -2.85 0.00	106.19 -3.09 0.00	87.22 -2.47 0.00	100.72 -2.65 -2.25	60.23 -1.46 -4.87	55.66 -1.24 -10.14	109.47 -3.37 0.00	96.52 -3.31 0.00	63.37 -2.22 -0.08	72.04 -2.73 0.00
FULTON___LFGE 323630	149.14 8.98 0.00	69.68 4.13 0.00	133.18 7.80 0.00	175.37 10.02 0.00	150.77 9.11 0.00	185.66 12.31 0.00	125.36 9.34 0.00	150.80 8.64 -34.75	136.67 7.07 -20.49	89.87 3.79 0.00	85.18 2.58 -2.17	94.46 2.84 0.00	86.76 3.26 0.00	85.53 4.05 -0.01	97.89 4.33 0.00	115.90 6.62 0.00	96.25 6.55 0.00	147.92 8.07 -38.73	145.29 4.58 -83.90	224.99 3.74 -174.49	121.20 8.36 0.00	106.81 6.98 0.00	71.34 4.38 -1.45	79.32 4.55 0.00
G.F.CEMENT___DRP 24184	153.09 12.92 0.00	71.49 5.93 0.00	136.31 10.93 0.00	178.11 12.76 0.00	152.46 10.80 0.00	187.48 14.14 0.00	126.71 10.68 0.00	148.90 9.35 -32.13	136.86 8.81 -18.95	92.33 6.25 0.00	87.92 5.48 -2.01	97.18 5.56 0.00	88.19 4.69 0.00	86.58 5.09 0.00	99.28 5.72 0.00	116.55 7.28 0.00	96.00 6.31 0.00	145.04 8.10 -35.81	139.15 4.75 -77.59	212.00 3.88 -161.37	121.74 8.90 0.00	107.39 7.56 0.00	71.57 4.71 -1.34	79.75 4.98 0.00
GARDENVILLE___LBMP 24039	131.57 -8.60 0.00	61.41 -4.15 0.00	117.39 -7.99 0.00	154.39 -10.96 0.00	132.37 -9.29 0.00	163.83 -9.52 0.00	109.82 -6.20 0.00	103.98 -7.62 -4.18	104.50 -7.06 -2.47	80.38 -5.70 0.00	74.32 -6.37 -0.26	83.82 -7.81 0.00	76.62 -6.88 0.00	73.47 -8.01 0.00	84.65 -8.90 0.00	98.28 -11.00 0.00	80.35 -9.31 0.03	74.97 -10.49 15.66	40.85 -6.10 9.86	34.17 -5.20 7.39	31.25 -12.54 69.04	40.88 -11.42 47.53	39.98 -6.98 18.55	66.04 -7.76 0.98
GARDNVLA_35_KV_LD 355827	132.05 -8.12 0.00	61.63 -3.92 0.00	117.83 -7.55 0.00	154.95 -10.40 0.00	132.88 -8.78 0.00	164.51 -8.84 0.00	110.28 -5.75 0.00	104.46 -7.17 -4.21	104.94 -6.65 -2.49	80.71 -5.37 0.00	74.66 -6.04 -0.27	84.16 -7.46 0.00	76.92 -6.58 0.00	73.79 -7.69 0.00	85.05 -8.50 0.00	98.74 -10.54 0.00	80.76 -8.91 0.03	77.40 -10.04 13.69	43.17 -5.82 7.82	37.40 -4.98 4.37	34.72 -12.05 66.06	42.80 -10.98 46.05	41.12 -6.72 17.68	66.38 -7.41 0.98
GELCKHM___115KV_LOAD 80723	137.42 -2.75 0.00	64.24 -1.32 0.00	122.52 -2.86 0.00	161.03 -4.33 0.00	138.46 -3.20 0.00	170.20 -3.16 0.00	114.54 -1.48 0.00	108.20 -1.53 -2.31	109.07 -1.39 -1.36	84.74 -1.34 0.00	79.04 -1.53 -0.14	89.68 -1.95 0.00	81.70 -1.81 0.00	79.51 -1.97 0.00	91.41 -2.14 0.00	107.02 -2.26 0.00	87.93 -1.77 0.00	101.71 -1.98 -2.57	61.33 -1.07 -5.58	57.42 -0.95 -11.61	110.17 -2.67 0.00	96.92 -2.91 0.00	63.67 -1.94 -0.10	72.37 -2.40 0.00
GENERAL___MILLS 23808	131.92 -8.24 0.00	61.57 -3.99 0.00	117.73 -7.66 0.00	154.81 -10.54 0.00	132.74 -8.92 0.00	164.26 -9.09 0.00	110.15 -5.88 0.00	104.29 -7.33 -4.21	104.79 -6.79 -2.48	80.59 -5.49 0.00	74.55 -6.14 -0.26	84.04 -7.59 0.00	76.82 -6.68 0.00	73.68 -7.80 0.00	84.94 -8.62 0.00	98.62 -10.66 0.00	80.65 -9.02 0.03	76.74 -10.16 14.22	42.56 -5.91 8.34	36.68 -5.06 5.01	33.94 -12.19 66.70	42.31 -11.11 46.41	40.81 -6.79 17.91	66.31 -7.48 0.98
GE_PLASTICS___DRP 24183	145.03 4.87 0.00	67.84 2.28 0.00	129.45 4.07 0.00	169.59 4.24 0.00	145.39 3.73 0.00	178.45 5.10 0.00	119.92 3.90 0.00	142.02 3.69 -30.92	131.14 3.81 -18.24	89.15 3.07 0.00	85.46 3.10 -1.93	94.93 3.31 0.00	86.29 2.79 0.00	84.31 2.83 0.00	96.45 2.90 0.00	112.15 2.88 0.00	92.30 2.61 0.00	138.95 3.37 -34.46	133.50 2.03 -74.66	203.70 1.66 -155.28	116.74 3.90 0.00	103.32 3.49 0.00	69.32 2.52 -1.29	77.52 2.75 0.00
GILBOA___1 23756	144.58 4.42 0.00	67.58 2.02 0.00	129.11 3.73 0.00	168.65 3.30 0.00	144.72 3.06 0.00	178.16 4.81 0.00	119.87 3.85 0.00	135.62 3.64 -24.56	127.64 4.05 -14.49	89.50 3.42 0.00	84.95 2.99 -1.53	95.13 3.50 0.00	86.48 2.99 0.00	84.53 3.05 0.00	96.95 3.39 0.00	112.96 3.68 0.00	92.53 2.84 0.00	131.62 3.12 -27.38	117.96 1.83 -59.31	171.76 1.65 -123.36	116.37 3.53 0.00	103.15 3.33 0.00	68.71 2.18 -1.03	76.89 2.13 0.00
GILBOA___2 23757	144.58 4.42 0.00	67.58 2.02 0.00	129.11 3.73 0.00	168.65 3.30 0.00	144.72 3.06 0.00	178.16 4.81 0.00	119.87 3.85 0.00	135.62 3.64 -24.56	127.64 4.05 -14.49	89.50 3.42 0.00	84.95 2.99 -1.53	95.13 3.50 0.00	86.48 2.99 0.00	84.53 3.05 0.00	96.95 3.39 0.00	112.96 3.68 0.00	92.53 2.84 0.00	131.62 3.12 -27.38	117.96 1.83 -59.31	171.76 1.65 -123.36	116.37 3.53 0.00	103.15 3.33 0.00	68.71 2.18 -1.03	76.89 2.13 0.00

GILBOA___3 23758	144.58 4.42 0.00	67.58 2.02 0.00	129.11 3.73 0.00	168.65 3.30 0.00	144.72 3.06 0.00	178.16 4.81 0.00	119.87 3.85 0.00	135.62 3.64 -24.56	127.64 4.05 -14.49	89.50 3.42 0.00	84.95 2.99 -1.53	95.13 3.50 0.00	86.48 2.99 0.00	84.53 3.05 0.00	96.95 3.39 0.00	112.96 3.68 0.00	92.53 2.84 0.00	131.62 3.12 -27.38	117.96 1.83 -59.31	171.76 1.65 -123.36	116.37 3.53 0.00	103.15 3.33 0.00	68.71 2.18 -1.03	76.89 2.13 0.00
GILBOA___4 23759	144.58 4.42 0.00	67.58 2.02 0.00	129.11 3.73 0.00	168.65 3.30 0.00	144.72 3.06 0.00	178.16 4.81 0.00	119.87 3.85 0.00	135.62 3.64 -24.56	127.64 4.05 -14.49	89.50 3.42 0.00	84.95 2.99 -1.53	95.13 3.50 0.00	86.48 2.99 0.00	84.53 3.05 0.00	96.95 3.39 0.00	112.96 3.68 0.00	92.53 2.84 0.00	131.62 3.12 -27.38	117.96 1.83 -59.31	171.76 1.65 -123.36	116.37 3.53 0.00	103.15 3.33 0.00	68.71 2.18 -1.03	76.89 2.13 0.00
GILBOA___ 23599	144.58 4.42 0.00	67.58 2.02 0.00	129.12 3.73 0.00	168.65 3.30 0.00	144.72 3.06 0.00	178.16 4.81 0.00	119.87 3.85 0.00	135.61 3.63 -24.56	127.64 4.05 -14.49	89.50 3.42 0.00	84.95 2.98 -1.53	95.13 3.51 0.00	86.49 2.99 0.00	84.54 3.06 0.00	96.95 3.39 0.00	112.95 3.68 0.00	92.54 2.84 0.00	131.63 3.13 -27.38	117.97 1.84 -59.31	171.75 1.64 -123.36	116.35 3.51 0.00	103.15 3.32 0.00	68.72 2.18 -1.03	76.91 2.14 0.00
GINNA___ 23603	129.53 -10.63 0.00	60.55 -5.01 0.00	115.63 -9.75 0.00	152.07 -13.28 0.00	130.51 -11.15 0.00	161.25 -12.10 0.00	108.41 -7.61 0.00	102.60 -7.82 -3.00	103.03 -7.84 -1.77	79.61 -6.47 0.00	73.93 -6.69 -0.19	83.77 -7.85 0.00	76.51 -6.98 0.00	74.06 -7.42 0.00	85.30 -8.25 0.00	99.56 -9.72 0.00	81.72 -7.97 0.00	90.33 -9.03 1.77	53.89 -5.03 -2.11	49.34 -4.21 -6.80	73.45 -10.58 28.81	69.38 -9.74 20.71	52.23 -6.27 7.01	67.16 -7.12 0.49
GLEN PARK___ 23778	142.34 2.18 0.00	67.24 1.69 0.00	130.47 5.09 0.00	173.22 7.86 0.00	149.20 7.54 0.00	183.35 10.00 0.00	123.32 7.30 0.00	113.56 4.83 -1.31	113.96 4.09 -0.77	89.79 3.71 0.00	84.91 4.40 -0.08	96.00 4.38 0.00	85.72 2.22 0.00	83.35 1.87 0.00	96.62 3.07 0.00	114.52 5.24 0.00	94.25 4.55 0.00	105.90 3.31 -1.46	61.31 1.32 -3.17	54.75 1.40 -6.59	115.97 3.13 0.00	102.29 2.46 0.00	66.43 0.86 -0.05	75.05 0.28 0.00
GLENDALE_27_KV_LOAD 356172	149.66 9.50 0.00	69.66 4.10 0.00	131.98 6.59 0.00	172.14 6.79 0.00	147.93 6.27 0.00	183.25 9.90 0.00	124.73 8.70 0.00	141.62 8.72 -25.49	133.58 9.45 -15.03	93.88 7.80 0.00	89.30 6.83 -2.04	101.65 7.51 -2.52	90.33 6.35 -0.48	87.89 6.41 0.00	100.83 7.27 0.00	118.23 8.95 0.00	97.16 7.47 0.00	138.91 9.38 -28.41	123.69 5.33 -61.55	178.97 4.20 -128.01	122.20 9.36 0.00	107.55 7.73 0.00	71.40 4.82 -1.06	79.37 4.61 0.00
GLENWOOD_IC_1_G5 23712	154.63 10.22 -4.25	120.17 4.57 -50.05	133.62 7.66 -0.58	173.33 7.97 0.00	148.99 7.33 0.00	184.04 10.69 0.00	126.37 9.29 -1.06	141.45 8.55 -25.48	139.66 9.41 -21.15	96.11 7.83 -2.21	88.92 6.86 -1.63	99.52 7.68 -0.22	89.85 6.31 -0.04	87.79 6.30 0.00	100.99 7.43 0.00	175.60 9.48 -56.84	97.45 7.73 -0.02	139.47 9.95 -28.40	124.13 5.79 -61.53	188.11 4.68 -136.67	131.78 10.51 -8.43	108.47 8.65 0.00	84.49 5.57 -13.41	90.05 5.42 -9.86
GLENWOOD_IC_2_G1 23688	154.64 10.23 -4.25	120.19 4.59 -50.05	133.62 7.66 -0.58	173.35 8.00 0.00	149.02 7.36 0.00	184.05 10.70 0.00	126.29 9.21 -1.06	141.43 8.53 -25.48	139.81 9.56 -21.15	96.09 7.81 -2.21	88.88 6.82 -1.63	99.48 7.63 -0.22	89.83 6.29 -0.04	87.76 6.28 0.00	100.93 7.38 0.00	175.50 9.38 -56.84	97.37 7.66 -0.02	139.27 9.75 -28.40	123.92 5.33 -61.53	187.92 4.50 -136.67	131.43 10.16 -8.43	108.15 8.33 0.00	84.31 5.39 -13.41	89.92 5.29 -9.86
GLENWOOD_IC_3_G1 23689	154.64 10.23 -4.25	120.19 4.59 -50.05	133.62 7.66 -0.58	173.35 8.00 0.00	149.02 7.36 0.00	184.05 10.70 0.00	126.29 9.21 -1.06	141.43 8.53 -25.48	139.81 9.56 -21.15	96.09 7.81 -2.21	88.88 6.82 -1.63	99.48 7.63 -0.22	89.83 6.29 -0.04	87.76 6.28 0.00	100.93 7.38 0.00	175.50 9.38 -56.84	97.37 7.66 -0.02	139.27 9.75 -28.40	123.92 5.33 -61.53	187.92 4.50 -136.67	131.43 10.16 -8.43	108.15 8.33 0.00	84.31 5.39 -13.41	89.92 5.29 -9.86
GLENWOOD___4 23550	154.78 10.38 -4.25	120.26 4.65 -50.05	133.77 7.82 -0.58	173.51 8.16 0.00	149.18 7.52 0.00	184.24 10.89 0.00	126.49 9.41 -1.06	141.59 8.70 -25.48	139.91 9.65 -21.15	96.22 7.93 -2.21	89.01 6.96 -1.63	99.61 7.77 -0.22	89.95 6.41 -0.04	87.88 6.39 0.00	101.09 7.53 0.00	175.72 9.60 -56.84	97.56 7.85 -0.02	139.54 10.02 -28.40	124.13 5.79 -61.53	188.11 4.68 -136.67	131.78 10.51 -8.43	108.47 8.65 0.00	84.50 5.58 -13.41	90.08 5.45 -9.86
GLENWOOD___5 23614	154.78 10.38 -4.25	120.26 4.65 -50.05	133.77 7.82 -0.58	173.51 8.16 0.00	149.18 7.52 0.00	184.24 10.89 0.00	126.49 9.41 -1.06	141.59 8.70 -25.48	139.91 9.65 -21.15	96.22 7.93 -2.21	89.01 6.96 -1.63	99.61 7.77 -0.22	89.95 6.41 -0.04	87.88 6.39 0.00	101.09 7.53 0.00	175.72 9.60 -56.84	97.56 7.85 -0.02	139.54 10.02 -28.40	124.13 5.79 -61.53	188.11 4.68 -136.67	131.78 10.51 -8.43	108.47 8.65 0.00	84.50 5.58 -13.41	90.08 5.45 -9.86
GLOBAL GREEN_PORT_GT1 23814	156.31 11.90 -4.25	121.00 5.40 -50.05	135.29 9.33 -0.58	174.93 9.58 0.00	150.18 8.52 0.00	185.89 12.54 0.00	127.39 10.30 -1.06	141.77 8.87 -25.48	141.81 11.56 -21.15	96.95 8.66 -2.21	89.51 7.49 -1.59	99.95 8.32 0.00	89.96 6.46 0.00	87.84 6.36 0.00	101.82 8.26 0.00	178.92 12.80 -56.84	100.24 10.52 -0.02	143.39 13.86 -28.40	125.82 7.48 -61.53	188.52 5.10 -136.67	134.32 13.05 -8.43	112.85 13.02 0.00	87.61 8.68 -13.41	93.41 8.78 -9.86
GLOBE___DSASP 323697	126.37 -13.79 0.00	59.03 -6.53 0.00	112.93 -12.45 0.00	148.45 -16.90 0.00	127.21 -14.45 0.00	157.63 -15.72 0.00	105.04 -10.98 0.00	98.86 -12.44 -3.88	99.38 -12.01 -2.29	76.60 -9.48 0.00	70.60 -10.07 -0.24	79.64 -11.98 0.00	72.72 -10.78 0.00	69.85 -11.63 0.00	80.59 -12.97 0.00	93.53 -15.74 0.00	76.52 -13.15 0.02	75.01 -15.05 11.05	42.75 -8.35 5.70	37.99 -6.71 2.05	40.14 -16.19 56.50	45.96 -14.44 39.42	41.74 -8.81 14.96	64.14 -9.79 0.84
GOETHSLN___LBMP 323567	147.90 7.74 0.00	68.82 3.26 0.00	130.59 5.21 0.00	170.35 5.00 0.00	146.27 4.61 0.00	181.17 7.82 0.00	123.24 7.22 0.00	140.21 7.31 -25.49	132.05 7.92 -15.03	92.62 6.54 0.00	85.93 5.49 -0.01	95.03 6.00 2.58	86.84 4.97 1.64	86.54 5.06 0.00	99.27 5.71 0.00	116.39 7.12 0.00	93.89 6.06 1.86	128.13 7.86 -19.14	122.79 4.43 -61.54	178.10 3.45 -127.90	120.48 7.64 0.00	106.00 6.17 0.00	70.45 3.88 -1.06	78.31 3.54 0.00
GOLAH___69_KV_TB 1_2 80279	135.00 -5.16 0.00	63.05 -2.51 0.00	120.45 -4.93 0.00	158.30 -7.05 0.00	135.90 -5.76 0.00	168.00 -5.35 0.00	112.90 -3.12 0.00	106.58 -3.98 -3.15	107.17 -3.79 -1.86	82.71 -3.37 0.00	76.52 -4.12 -0.21	86.65 -4.98 0.00	79.12 -4.38 0.00	76.36 -5.12 0.00	88.13 -5.42 0.00	102.84 -6.44 0.00	84.37 -5.33 0.00	93.06 -5.79 2.28	55.39 -3.21 -1.79	50.52 -2.71 -6.47	73.39 -6.93 32.51	69.93 -6.51 23.39	53.52 -4.04 7.95	69.65 -4.57 0.55

GOODYEAR_LAKE_HYD 323669	145.14 4.98 0.00	67.77 2.22 0.00	129.47 4.09 0.00	170.18 4.83 0.00	146.46 4.80 0.00	180.72 7.37 0.00	122.08 6.05 0.00	120.93 5.63 -7.88	119.66 5.91 -4.65	90.70 4.62 0.00	84.54 3.62 -0.49	95.59 3.96 0.00	87.10 3.60 0.00	85.10 3.62 0.00	97.76 4.21 0.00	114.69 5.42 0.00	94.22 4.53 0.00	115.15 5.25 -8.78	78.76 2.92 -19.03	88.65 2.32 -39.57	117.67 4.83 0.00	103.72 3.89 0.00	68.19 2.35 -0.33	76.94 2.17 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	139.77 -0.39 0.00	65.22 -0.34 0.00	124.34 -1.04 0.00	163.24 -2.11 0.00	140.32 -1.34 0.00	172.68 -0.67 0.00	116.23 0.20 0.00	115.66 0.10 -8.14	114.63 0.73 -4.80	86.42 0.35 0.00	80.84 -0.10 -0.51	91.18 -0.45 0.00	83.15 -0.34 0.00	80.94 -0.54 0.00	92.94 -0.61 0.00	109.03 -0.25 0.00	89.34 -0.35 0.00	104.71 -0.27 -3.86	70.96 -0.29 -14.44	78.98 -0.29 -32.52	81.80 -1.49 29.55	76.97 -1.61 21.24	57.47 -1.06 6.98	72.84 -1.43 0.50
GOUDEY___7 23579	139.77 -0.39 0.00	65.22 -0.34 0.00	124.34 -1.04 0.00	163.24 -2.11 0.00	140.32 -1.34 0.00	172.68 -0.67 0.00	116.23 0.20 0.00	115.66 0.10 -8.14	114.63 0.73 -4.80	86.42 0.35 0.00	80.84 -0.10 -0.51	91.18 -0.45 0.00	83.15 -0.34 0.00	80.94 -0.54 0.00	92.94 -0.61 0.00	109.03 -0.25 0.00	89.34 -0.35 0.00	104.71 -0.27 -3.86	70.96 -0.29 -14.44	78.98 -0.29 -32.52	81.80 -1.49 29.55	76.97 -1.61 21.24	57.47 -1.06 6.98	72.84 -1.43 0.50
GOUDEY___8 23580	139.77 -0.39 0.00	65.22 -0.34 0.00	124.34 -1.04 0.00	163.24 -2.11 0.00	140.32 -1.34 0.00	172.68 -0.67 0.00	116.23 0.20 0.00	115.66 0.10 -8.14	114.63 0.73 -4.80	86.42 0.35 0.00	80.84 -0.10 -0.51	91.18 -0.45 0.00	83.15 -0.34 0.00	80.94 -0.54 0.00	92.94 -0.61 0.00	109.03 -0.25 0.00	89.34 -0.35 0.00	104.71 -0.27 -3.86	70.96 -0.29 -14.44	78.98 -0.29 -32.52	81.80 -1.49 29.55	76.97 -1.61 21.24	57.47 -1.06 6.98	72.84 -1.43 0.50
GOWANUS_GT1_1 24077	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.93 6.58 0.00	147.66 6.00 0.00	183.02 9.67 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.83 7.73 -0.02	89.31 6.58 -2.31	102.80 7.19 -3.99	90.34 6.08 -0.75	87.65 6.17 0.00	100.54 6.98 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.70 9.17 -28.41	123.63 5.27 -61.55	178.93 4.17 -128.01	122.17 9.33 0.00	107.48 7.66 0.00	71.37 4.79 -1.06	79.35 4.58 0.00
GOWANUS_GT1_2 24078	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.93 6.58 0.00	147.66 6.00 0.00	183.02 9.67 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.83 7.73 -0.02	89.31 6.58 -2.31	102.80 7.19 -3.99	90.34 6.08 -0.75	87.65 6.17 0.00	100.54 6.98 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.70 9.17 -28.41	123.63 5.27 -61.55	178.93 4.17 -128.01	122.17 9.33 0.00	107.48 7.66 0.00	71.37 4.79 -1.06	79.35 4.58 0.00
GOWANUS_GT1_3 24079	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.93 6.58 0.00	147.66 6.00 0.00	183.02 9.67 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.83 7.73 -0.02	89.31 6.58 -2.31	102.80 7.19 -3.99	90.34 6.08 -0.75	87.65 6.17 0.00	100.54 6.98 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.70 9.17 -28.41	123.63 5.27 -61.55	178.93 4.17 -128.01	122.17 9.33 0.00	107.48 7.66 0.00	71.37 4.79 -1.06	79.35 4.58 0.00
GOWANUS_GT1_4 24080	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.93 6.58 0.00	147.66 6.00 0.00	183.02 9.67 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.83 7.73 -0.02	89.31 6.58 -2.31	102.80 7.19 -3.99	90.34 6.08 -0.75	87.65 6.17 0.00	100.54 6.98 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.70 9.17 -28.41	123.63 5.27 -61.55	178.93 4.17 -128.01	122.17 9.33 0.00	107.48 7.66 0.00	71.37 4.79 -1.06	79.35 4.58 0.00
GOWANUS_GT1_5 24084	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.93 6.58 0.00	147.66 6.00 0.00	183.02 9.67 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.83 7.73 -0.02	89.31 6.58 -2.31	102.80 7.19 -3.99	90.34 6.08 -0.75	87.65 6.17 0.00	100.54 6.98 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.70 9.17 -28.41	123.63 5.27 -61.55	178.93 4.17 -128.01	122.17 9.33 0.00	107.48 7.66 0.00	71.37 4.79 -1.06	79.35 4.58 0.00
GOWANUS_GT1_6 24111	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.93 6.58 0.00	147.66 6.00 0.00	183.02 9.67 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.83 7.73 -0.02	89.31 6.58 -2.31	102.80 7.19 -3.99	90.34 6.08 -0.75	87.65 6.17 0.00	100.54 6.98 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.70 9.17 -28.41	123.63 5.27 -61.55	178.93 4.17 -128.01	122.17 9.33 0.00	107.48 7.66 0.00	71.37 4.79 -1.06	79.35 4.58 0.00
GOWANUS_GT1_7 24112	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.93 6.58 0.00	147.66 6.00 0.00	183.02 9.67 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.83 7.73 -0.02	89.31 6.58 -2.31	102.80 7.19 -3.99	90.34 6.08 -0.75	87.65 6.17 0.00	100.54 6.98 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.70 9.17 -28.41	123.63 5.27 -61.55	178.93 4.17 -128.01	122.17 9.33 0.00	107.48 7.66 0.00	71.37 4.79 -1.06	79.35 4.58 0.00
GOWANUS_GT1_8 24113	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.93 6.58 0.00	147.66 6.00 0.00	183.02 9.67 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.83 7.73 -0.02	89.31 6.58 -2.31	102.80 7.19 -3.99	90.34 6.08 -0.75	87.65 6.17 0.00	100.54 6.98 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.70 9.17 -28.41	123.63 5.27 -61.55	178.93 4.17 -128.01	122.17 9.33 0.00	107.48 7.66 0.00	71.37 4.79 -1.06	79.35 4.58 0.00
GOWANUS_GT2_1 24114	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	90.25 6.56 -3.26	108.14 7.19 -9.32	91.35 6.09 -1.77	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
GOWANUS_GT2_2 24115	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	90.25 6.56 -3.26	108.14 7.19 -9.32	91.35 6.09 -1.77	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
GOWANUS_GT2_3 24116	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	90.25 6.56 -3.26	108.14 7.19 -9.32	91.35 6.09 -1.77	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00

GOWANUS_GT2_4 24117	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	90.25 6.56 -3.26	108.14 7.19 -9.32	91.35 6.09 -1.77	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
GOWANUS_GT2_5 24118	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	90.25 6.56 -3.26	108.14 7.19 -9.32	91.35 6.09 -1.77	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
GOWANUS_GT2_6 24119	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	90.25 6.56 -3.26	108.14 7.19 -9.32	91.35 6.09 -1.77	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
GOWANUS_GT2_7 24120	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	90.25 6.56 -3.26	108.14 7.19 -9.32	91.35 6.09 -1.77	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
GOWANUS_GT2_8 24121	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	90.25 6.56 -3.26	108.14 7.19 -9.32	91.35 6.09 -1.77	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
GOWANUS_GT3_1 24122	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	89.30 6.56 -2.31	102.80 7.19 -3.99	90.34 6.09 -0.75	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
GOWANUS_GT3_2 24123	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	89.30 6.56 -2.31	102.80 7.19 -3.99	90.34 6.09 -0.75	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
GOWANUS_GT3_3 24124	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	89.30 6.56 -2.31	102.80 7.19 -3.99	90.34 6.09 -0.75	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
GOWANUS_GT3_4 24125	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	89.30 6.56 -2.31	102.80 7.19 -3.99	90.34 6.09 -0.75	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
GOWANUS_GT3_5 24126	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	89.30 6.56 -2.31	102.80 7.19 -3.99	90.34 6.09 -0.75	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
GOWANUS_GT3_6 24127	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	89.30 6.56 -2.31	102.80 7.19 -3.99	90.34 6.09 -0.75	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
GOWANUS_GT3_7 24128	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	89.30 6.56 -2.31	102.80 7.19 -3.99	90.34 6.09 -0.75	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
GOWANUS_GT3_8 24129	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	89.30 6.56 -2.31	102.80 7.19 -3.99	90.34 6.09 -0.75	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
GOWANUS_GT4_1 24130	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.93 6.58 0.00	147.66 6.00 0.00	183.02 9.67 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.83 7.73 -0.02	90.27 6.58 -3.26	108.14 7.19 -9.32	91.35 6.08 -1.77	87.65 6.17 0.00	100.54 6.98 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.70 9.17 -28.41	123.63 5.27 -61.55	178.93 4.17 -128.01	122.17 9.33 0.00	107.48 7.66 0.00	71.37 4.79 -1.06	79.35 4.58 0.00
GOWANUS_GT4_2 24131	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.93 6.58 0.00	147.66 6.00 0.00	183.02 9.67 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.83 7.73 -0.02	90.27 6.58 -3.26	108.14 7.19 -9.32	91.35 6.08 -1.77	87.65 6.17 0.00	100.54 6.98 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.70 9.17 -28.41	123.63 5.27 -61.55	178.93 4.17 -128.01	122.17 9.33 0.00	107.48 7.66 0.00	71.37 4.79 -1.06	79.35 4.58 0.00

GOWANUS_GT4_3 24132	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.93 6.58 0.00	147.66 6.00 0.00	183.02 9.67 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.83 7.73 -0.02	90.27 6.58 -3.26	108.14 7.19 -9.32	91.35 6.08 -1.77	87.65 6.17 0.00	100.54 6.98 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.70 9.17 -28.41	123.63 5.27 -61.55	178.93 4.17 -128.01	122.17 9.33 0.00	107.48 7.66 0.00	71.37 4.79 -1.06	79.35 4.58 0.00
GOWANUS_GT4_4 24133	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.93 6.58 0.00	147.66 6.00 0.00	183.02 9.67 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.83 7.73 -0.02	90.27 6.58 -3.26	108.14 7.19 -9.32	91.35 6.08 -1.77	87.65 6.17 0.00	100.54 6.98 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.70 9.17 -28.41	123.63 5.27 -61.55	178.93 4.17 -128.01	122.17 9.33 0.00	107.48 7.66 0.00	71.37 4.79 -1.06	79.35 4.58 0.00
GOWANUS_GT4_5 24134	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.93 6.58 0.00	147.66 6.00 0.00	183.02 9.67 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.83 7.73 -0.02	90.27 6.58 -3.26	108.14 7.19 -9.32	91.35 6.08 -1.77	87.65 6.17 0.00	100.54 6.98 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.70 9.17 -28.41	123.63 5.27 -61.55	178.93 4.17 -128.01	122.17 9.33 0.00	107.48 7.66 0.00	71.37 4.79 -1.06	79.35 4.58 0.00
GOWANUS_GT4_6 24135	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.93 6.58 0.00	147.66 6.00 0.00	183.02 9.67 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.83 7.73 -0.02	90.27 6.58 -3.26	108.14 7.19 -9.32	91.35 6.08 -1.77	87.65 6.17 0.00	100.54 6.98 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.70 9.17 -28.41	123.63 5.27 -61.55	178.93 4.17 -128.01	122.17 9.33 0.00	107.48 7.66 0.00	71.37 4.79 -1.06	79.35 4.58 0.00
GOWANUS_GT4_7 24136	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.93 6.58 0.00	147.66 6.00 0.00	183.02 9.67 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.83 7.73 -0.02	90.27 6.58 -3.26	108.14 7.19 -9.32	91.35 6.08 -1.77	87.65 6.17 0.00	100.54 6.98 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.70 9.17 -28.41	123.63 5.27 -61.55	178.93 4.17 -128.01	122.17 9.33 0.00	107.48 7.66 0.00	71.37 4.79 -1.06	79.35 4.58 0.00
GOWANUS_GT4_8 24137	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.93 6.58 0.00	147.66 6.00 0.00	183.02 9.67 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.83 7.73 -0.02	90.27 6.58 -3.26	108.14 7.19 -9.32	91.35 6.08 -1.77	87.65 6.17 0.00	100.54 6.98 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.70 9.17 -28.41	123.63 5.27 -61.55	178.93 4.17 -128.01	122.17 9.33 0.00	107.48 7.66 0.00	71.37 4.79 -1.06	79.35 4.58 0.00
GREENBSH_115KV_TB3 55895	144.84 4.68 0.00	67.76 2.21 0.00	129.31 3.93 0.00	169.42 4.07 0.00	145.16 3.50 0.00	177.92 4.57 0.00	119.37 3.35 0.00	141.67 3.17 -31.08	130.74 3.31 -18.33	88.79 2.71 0.00	85.43 3.06 -1.94	94.87 3.25 0.00	86.27 2.77 0.00	84.28 2.80 0.00	96.28 2.73 0.00	111.55 2.28 0.00	91.80 2.10 0.00	138.70 2.93 -34.64	133.68 1.83 -75.04	204.31 1.49 -156.07	116.43 3.60 0.00	103.13 3.30 0.00	69.32 2.51 -1.30	77.62 2.85 0.00
GREENIDGE_115KV_TB5 80291	137.28 -2.88 0.00	64.50 -1.06 0.00	122.31 -3.07 0.00	160.07 -5.28 0.00	137.83 -3.83 0.00	169.95 -3.40 0.00	114.97 -1.06 0.00	110.81 -1.60 -4.99	111.29 -0.75 -2.94	85.29 -0.79 0.00	79.23 -1.51 -0.31	89.48 -2.14 0.00	81.90 -1.60 0.00	79.34 -2.14 0.00	91.07 -2.49 0.00	106.33 -2.95 0.00	87.69 -2.05 -0.04	87.01 -2.78 11.33	49.83 -1.45 5.53	37.43 -1.27 8.06	-40.08 -3.31 149.61	-13.55 -3.64 109.73	28.10 -2.62 34.80	68.62 -3.38 2.77
GREENIDGE___3 23582	137.28 -2.88 0.00	64.50 -1.06 0.00	122.31 -3.07 0.00	160.07 -5.28 0.00	137.83 -3.83 0.00	169.95 -3.40 0.00	114.97 -1.06 0.00	110.81 -1.60 -4.99	111.29 -0.75 -2.94	85.29 -0.79 0.00	79.23 -1.51 -0.31	89.48 -2.14 0.00	81.90 -1.60 0.00	79.34 -2.14 0.00	91.07 -2.49 0.00	106.33 -2.95 0.00	87.69 -2.05 -0.04	87.01 -2.78 11.33	49.83 -1.45 5.53	37.43 -1.27 8.06	-40.08 -3.31 149.61	-13.55 -3.64 109.73	28.10 -2.62 34.80	68.62 -3.38 2.77
GREENIDGE___4 23583	137.28 -2.88 0.00	64.50 -1.06 0.00	122.32 -3.07 0.00	160.07 -5.28 0.00	137.83 -3.83 0.00	169.97 -3.38 0.00	114.97 -1.05 0.00	110.80 -1.60 -4.99	111.30 -0.74 -2.94	85.28 -0.79 0.00	79.24 -1.50 -0.31	89.48 -2.14 0.00	81.90 -1.60 0.00	79.33 -2.15 0.00	91.03 -2.53 0.00	106.33 -2.94 0.00	87.69 -2.05 -0.04	86.95 -2.84 11.33	49.81 -1.48 5.53	37.42 -1.27 8.06	-40.38 -3.60 149.61	-13.65 -3.75 109.73	28.06 -2.65 34.80	68.59 -3.41 2.77
GREENLWN_69_KV_BK 3 55738	155.18 10.77 -4.25	120.51 4.91 -50.05	134.28 8.32 -0.58	174.02 8.67 0.00	149.66 8.00 0.00	184.84 11.49 0.00	126.69 9.61 -1.06	141.45 8.56 -25.48	140.25 10.00 -21.15	96.36 8.08 -2.21	89.16 7.10 -1.63	99.73 7.90 -0.21	89.99 6.46 -0.04	87.93 6.44 0.00	101.28 7.72 0.00	176.17 10.06 -56.84	97.71 7.99 -0.02	139.65 10.13 -28.40	124.07 5.73 -61.53	188.07 4.65 -136.67	131.67 10.39 -8.43	108.46 8.63 0.00	84.60 5.68 -13.41	90.34 5.70 -9.86
GREENWD_138_KV_38B11_REV_LBMP_J 345004	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.93 6.58 0.00	147.66 6.00 0.00	183.02 9.67 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.83 7.73 -0.02	89.31 6.58 -2.31	102.80 7.19 -3.99	90.34 6.08 -0.75	87.65 6.17 0.00	100.54 6.98 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.70 9.17 -28.41	123.63 5.27 -61.55	178.93 4.17 -128.01	122.17 9.33 0.00	107.48 7.66 0.00	71.37 4.79 -1.06	79.35 4.58 0.00
GRISSOM___SOLAR 323813	149.21 9.05 0.00	69.70 4.14 0.00	133.17 7.79 0.00	175.18 9.83 0.00	150.56 8.90 0.00	185.32 11.97 0.00	125.13 9.11 0.00	150.28 8.43 -34.44	136.15 6.74 -20.31	89.34 3.27 0.00	84.73 2.16 -2.15	93.95 2.33 0.00	86.35 2.85 0.00	85.24 3.76 -0.01	97.35 3.79 0.00	115.49 6.21 0.00	96.01 6.31 0.00	147.37 7.87 -38.37	144.44 4.48 -83.14	223.34 3.66 -172.92	121.08 8.25 0.00	106.73 6.90 0.00	71.32 4.37 -1.44	79.32 4.55 0.00
GROVEVILLE___HYD 323602	149.99 9.83 0.00	69.89 4.33 0.00	132.83 7.44 0.00	173.61 8.26 0.00	149.12 7.46 0.00	184.41 11.06 0.00	125.32 9.29 0.00	142.05 9.05 -25.58	133.63 9.45 -15.09	93.60 7.52 0.00	88.58 6.55 -1.60	98.75 7.13 0.00	89.47 5.98 0.00	87.55 6.07 0.00	100.52 6.96 0.00	117.84 8.56 0.00	96.95 7.25 0.00	138.62 8.98 -28.51	123.70 5.11 -61.78	179.36 4.13 -128.48	122.12 9.28 0.00	107.55 7.73 0.00	71.46 4.88 -1.07	79.60 4.83 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	138.38 -1.78 0.00	64.66 -0.90 0.00	123.20 -2.19 0.00	161.78 -3.57 0.00	139.38 -2.28 0.00	171.35 -2.00 0.00	115.38 -0.64 0.00	109.26 -0.74 -2.59	110.06 -0.56 -1.53	85.37 -0.71 0.00	79.58 -1.01 -0.16	90.25 -1.37 0.00	82.28 -1.22 0.00	80.00 -1.48 0.00	92.02 -1.53 0.00	107.84 -1.43 0.00	88.64 -1.05 0.00	102.71 -1.30 -2.89	62.41 -0.65 -6.24	59.09 -0.65 -12.99	110.79 -2.05 0.00	97.24 -2.58 0.00	63.83 -1.78 -0.11	72.53 -2.24 0.00

HAMLTNNY_34_KV_TB 80303	138.79 -1.37 0.00	64.78 -0.77 0.00	123.62 -1.76 0.00	162.47 -2.88 0.00	139.64 -2.02 0.00	171.63 -1.72 0.00	115.60 -0.42 0.00	109.61 -0.56 -2.76	110.33 -0.39 -1.62	85.46 -0.62 0.00	79.54 -1.06 -0.17	90.20 -1.42 0.00	82.22 -1.28 0.00	80.03 -1.44 0.00	91.98 -1.58 0.00	107.80 -1.47 0.00	88.61 -1.09 0.00	103.07 -1.13 -3.08	62.85 -0.61 -6.65	60.01 -0.58 -13.83	110.97 -1.87 0.00	97.69 -2.14 0.00	64.16 -1.47 -0.11	72.89 -1.88 0.00
HAMPSHIRE___PAPER_HYD 323593	140.45 0.29 0.00	66.21 0.65 0.00	127.90 2.52 0.00	170.26 4.91 0.00	145.64 3.98 0.00	176.72 3.37 0.00	117.65 1.63 0.00	108.48 0.41 -0.65	109.21 -0.28 -0.38	86.45 0.38 0.00	81.86 1.40 -0.04	93.38 1.76 0.00	84.34 0.84 0.00	82.03 0.55 0.00	94.88 1.32 0.00	110.95 1.68 0.00	90.84 1.14 0.00	101.64 -0.21 -0.73	57.90 -0.48 -1.57	49.87 -0.15 -3.26	112.53 -0.30 0.00	99.93 0.11 0.00	65.51 -0.03 -0.03	75.02 0.24 0.00
HARDSCRABBLE_WT_PWR 323673	145.77 5.60 0.00	67.91 2.35 0.00	129.36 3.98 0.00	168.81 3.46 0.00	145.53 3.87 0.00	180.26 6.91 0.00	122.75 6.73 0.00	113.77 6.35 0.00	114.50 5.40 0.00	89.46 3.38 0.00	83.05 2.62 0.00	93.84 2.21 0.00	85.32 1.82 0.00	84.68 3.20 0.00	97.00 3.44 0.00	114.27 4.99 0.00	94.74 5.04 0.00	107.88 6.75 0.00	60.69 3.88 0.00	49.91 3.16 0.00	119.53 6.69 0.00	105.11 5.28 0.00	69.07 3.56 0.00	78.31 3.54 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	148.25 8.09 0.00	69.05 3.49 0.00	131.24 5.86 0.00	171.49 6.14 0.00	147.31 5.66 0.00	182.21 8.86 0.00	123.72 7.70 0.00	138.96 7.58 -23.95	131.25 8.02 -14.13	92.55 6.47 0.00	87.46 5.53 -1.50	97.73 6.11 0.00	88.56 5.06 0.00	86.66 5.18 0.00	99.43 5.87 0.00	116.58 7.30 0.00	95.93 6.23 0.00	135.77 7.95 -26.70	119.16 4.51 -57.85	170.69 3.62 -120.31	120.91 8.08 0.00	106.44 6.62 0.00	70.67 4.16 -1.00	78.80 4.03 0.00
HARSNRAD_115KV_TB1 81005	127.83 -12.33 0.00	59.73 -5.83 0.00	114.22 -11.16 0.00	150.13 -15.22 0.00	128.65 -13.01 0.00	159.45 -13.90 0.00	106.64 -9.38 0.00	100.40 -10.83 -3.81	100.77 -10.49 -2.16	77.72 -8.35 0.00	71.19 -9.03 0.21	80.70 -10.80 0.12	73.81 -9.62 0.07	70.84 -10.53 0.11	81.90 -11.62 0.04	94.93 -14.34 0.01	77.89 -11.78 0.02	77.19 -13.01 10.92	43.88 -7.29 5.65	38.81 -6.03 1.91	43.41 -14.63 54.80	48.45 -13.11 38.26	42.79 -8.01 14.71	64.94 -9.01 0.82
HARZA MOOSE___RIVER 24016	142.36 2.20 0.00	67.09 1.53 0.00	129.32 3.94 0.00	171.16 5.81 0.00	147.24 5.58 0.00	180.60 7.25 0.00	121.10 5.08 0.00	111.95 3.72 -0.82	112.89 3.30 -0.48	88.97 2.89 0.00	83.84 3.36 -0.05	95.19 3.56 0.00	85.75 2.25 0.00	83.40 1.92 0.00	96.36 2.80 0.00	113.40 4.12 0.00	93.11 3.42 0.00	104.62 2.58 -0.92	59.92 1.13 -1.98	52.02 1.15 -4.12	115.26 2.42 0.00	101.94 2.12 0.00	66.54 1.00 -0.03	75.45 0.69 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	137.43 -2.74 0.00	64.24 -1.32 0.00	122.57 -2.81 0.00	161.09 -4.27 0.00	138.36 -3.30 0.00	170.18 -3.17 0.00	114.55 -1.48 0.00	108.23 -1.53 -2.34	109.13 -1.35 -1.38	84.80 -1.28 0.00	79.03 -1.54 -0.15	89.66 -1.96 0.00	81.69 -1.81 0.00	79.54 -1.94 0.00	91.39 -2.17 0.00	106.98 -2.30 0.00	87.97 -1.73 0.00	101.88 -1.87 -2.62	61.39 -1.06 -5.64	57.57 -0.92 -11.74	110.19 -2.65 0.00	97.11 -2.72 0.00	63.81 -1.80 -0.10	72.51 -2.26 0.00
HELLGATE_13_KV_LD 55870	148.99 8.83 0.00	69.35 3.80 0.00	131.40 6.02 0.00	171.39 6.04 0.00	147.28 5.62 0.00	182.48 9.13 0.00	124.13 8.10 0.00	141.04 8.13 -25.49	132.96 8.82 -15.03	93.37 7.29 0.00	88.77 6.42 -1.92	100.51 7.03 -1.85	89.78 5.93 -0.35	87.47 5.99 0.00	100.35 6.80 0.00	117.62 8.34 0.00	96.65 6.95 0.00	138.31 8.77 -28.41	123.35 4.99 -61.55	178.69 3.93 -128.01	121.54 8.70 0.00	107.01 7.18 0.00	71.04 4.47 -1.06	78.99 4.22 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	148.99 8.83 0.00	69.35 3.80 0.00	131.40 6.02 0.00	171.39 6.04 0.00	147.28 5.62 0.00	182.48 9.13 0.00	124.13 8.10 0.00	141.04 8.13 -25.49	132.96 8.82 -15.03	93.37 7.29 0.00	88.77 6.42 -1.92	100.51 7.03 -1.85	89.78 5.93 -0.35	87.47 5.99 0.00	100.35 6.80 0.00	117.62 8.34 0.00	96.65 6.95 0.00	138.31 8.77 -28.41	123.35 4.99 -61.55	178.69 3.93 -128.01	121.54 8.70 0.00	107.01 7.18 0.00	71.04 4.47 -1.06	78.99 4.22 0.00
HEMPSTEAD____ 23647	154.42 10.02 -4.25	120.08 4.48 -50.05	133.44 7.48 -0.58	173.07 7.72 0.00	148.80 7.14 0.00	183.74 10.39 0.00	126.16 9.08 -1.06	141.28 8.39 -25.48	139.70 9.45 -21.15	95.94 7.66 -2.21	88.74 6.68 -1.63	99.34 7.50 -0.22	89.68 6.14 -0.04	87.58 6.09 0.00	100.76 7.20 -56.84	175.41 9.29 -0.00	97.29 7.58 -0.02	139.10 9.58 -28.40	123.83 5.49 -61.53	187.84 4.42 -136.67	131.31 10.04 -8.43	108.02 8.20 0.00	84.24 5.32 -13.41	89.87 5.24 -9.86
HEWLETT_69_KV_BK3 55828	155.07 10.66 -4.25	120.53 4.93 -50.05	134.12 8.17 -0.58	173.95 8.60 0.00	149.79 8.13 0.00	184.65 11.30 0.00	126.44 9.35 -1.06	141.55 8.65 -25.48	140.00 9.75 -21.15	96.17 7.89 -2.21	89.08 7.02 -1.63	99.76 7.92 -0.22	90.08 6.54 -0.04	88.01 6.53 0.00	101.19 7.63 0.00	175.53 9.41 -56.84	97.47 7.75 -0.02	139.41 9.89 -28.40	123.96 5.62 -61.53	187.96 4.54 -136.67	131.41 10.14 -8.43	108.24 8.41 0.00	84.47 5.54 -13.41	90.10 5.47 -9.86
HICKLING___1 23621	137.27 -2.89 0.00	64.11 -1.45 0.00	122.21 -3.17 0.00	160.24 -5.11 0.00	137.68 -3.98 0.00	169.57 -3.78 0.00	114.32 -1.70 0.00	112.04 -1.76 -6.38	112.17 -0.69 -3.76	84.96 -1.12 0.00	79.37 -1.46 -0.40	89.39 -2.24 0.00	81.73 -1.77 0.00	79.14 -2.33 0.00	90.99 -2.57 0.00	106.59 -2.69 0.00	87.04 -2.67 -0.01	82.17 -3.12 15.84	47.02 -2.02 7.77	38.22 -1.80 6.73	-39.18 -5.22 146.80	-11.47 -5.06 106.23	26.68 -3.40 35.43	68.19 -4.01 2.57
HICKLING___2 23622	137.27 -2.89 0.00	64.11 -1.45 0.00	122.21 -3.17 0.00	160.24 -5.11 0.00	137.68 -3.98 0.00	169.57 -3.78 0.00	114.32 -1.70 0.00	112.04 -1.76 -6.38	112.17 -0.69 -3.76	84.96 -1.12 0.00	79.37 -1.46 -0.40	89.39 -2.24 0.00	81.73 -1.77 0.00	79.14 -2.33 0.00	90.99 -2.57 0.00	106.59 -2.69 0.00	87.04 -2.67 -0.01	82.17 -3.12 15.84	47.02 -2.02 7.77	38.22 -1.80 6.73	-39.18 -5.22 146.80	-11.47 -5.06 106.23	26.68 -3.40 35.43	68.19 -4.01 2.57
HIGH FALLS___HY 23754	149.63 9.48 0.00	69.60 4.04 0.00	132.30 6.92 0.00	173.04 7.68 0.00	148.67 7.01 0.00	184.09 10.74 0.00	125.25 9.23 0.00	141.98 9.09 -25.47	133.58 9.46 -15.02	93.50 7.42 0.00	88.19 6.18 -1.59	97.98 6.36 0.00	88.65 5.15 0.00	86.72 5.24 0.00	99.67 6.11 0.00	117.27 7.99 0.00	96.85 7.16 0.00	138.68 9.18 -28.37	123.51 5.23 -61.47	178.82 4.23 -127.84	122.27 9.43 0.00	107.61 7.79 0.00	71.38 4.81 -1.06	79.41 4.64 0.00
HIGH_RIVER___SOLAR 323847	146.83 6.67 0.00	68.61 3.05 0.00	131.04 5.66 0.00	172.11 6.76 0.00	147.72 6.07 0.00	181.72 8.37 0.00	122.51 6.49 0.00	146.70 5.98 -33.31	134.18 5.44 -19.64	89.61 3.53 0.00	85.06 2.56 -2.08	94.13 2.50 0.00	86.09 2.59 0.00	84.61 3.12 -0.01	96.76 3.20 0.00	113.91 4.64 0.00	94.19 4.50 0.00	143.86 5.62 -37.12	140.46 3.23 -80.42	216.64 2.63 -167.26	118.79 5.95 0.00	104.84 5.02 0.00	70.08 3.17 -1.39	78.03 3.26 0.00

HILLBURN___GT 23639	147.83 7.67 0.00	68.86 3.30 0.00	130.74 5.36 0.00	170.80 5.45 0.00	146.73 5.07 0.00	181.50 8.16 0.00	123.33 7.31 0.00	138.96 7.27 -24.28	131.18 7.76 -14.32	92.41 6.34 0.00	87.33 5.38 -1.52	97.56 5.93 0.00	88.43 4.94 0.00	86.46 4.97 0.00	99.25 5.69 0.00	116.31 7.03 0.00	95.66 5.96 0.00	135.85 7.66 -27.06	119.79 4.34 -58.64	172.18 3.48 -121.95	120.67 7.83 0.00	106.19 6.37 0.00	70.51 3.99 -1.01	78.56 3.80 0.00
HILLSIDE_115KV_TB1 80332	136.15 -4.01 0.00	63.46 -2.10 0.00	120.88 -4.50 0.00	158.53 -6.83 0.00	136.30 -5.36 0.00	167.71 -5.64 0.00	112.87 -3.16 0.00	110.99 -3.04 -6.61	111.07 -1.93 -3.90	84.10 -1.98 0.00	78.73 -2.11 -0.41	88.62 -3.01 0.00	80.94 -2.56 0.00	78.54 -2.94 0.00	90.21 -3.34 0.00	105.91 -3.37 0.00	86.53 -3.17 -0.01	83.23 -3.56 14.33	48.59 -2.29 5.93	41.45 -1.96 3.35	-31.15 -5.83 138.16	-5.54 -5.42 99.95	28.63 -3.53 33.35	68.19 -4.16 2.42
HISHELDN_WT_PWR 323625	131.21 -8.95 0.00	61.29 -4.26 0.00	117.25 -8.13 0.00	154.11 -11.24 0.00	131.94 -9.72 0.00	162.90 -10.44 0.00	109.64 -6.38 0.00	104.61 -7.33 -4.52	105.11 -6.66 -2.66	80.37 -5.71 0.00	74.61 -6.10 -0.28	84.06 -7.57 0.00	76.93 -6.56 0.00	73.98 -7.50 0.00	85.13 -8.42 0.00	98.79 -10.49 0.00	80.60 -9.02 0.08	60.36 -10.66 30.10	27.54 -6.18 23.08	18.68 -5.39 22.69	4.51 -13.22 95.12	23.52 -12.01 64.29	30.62 -7.63 27.26	65.02 -8.55 1.19
HOLTSVILLE_IC_1 23690	156.13 11.72 -4.25	120.96 5.35 -50.05	135.15 9.19 -0.58	174.86 9.50 0.00	150.27 8.61 0.00	185.56 12.21 0.00	127.02 9.93 -1.06	141.58 8.68 -25.48	141.00 10.75 -21.15	96.85 8.57 -2.21	89.47 7.45 -1.59	99.86 8.23 0.00	90.15 6.65 0.00	88.07 6.59 0.00	101.72 8.17 0.00	177.05 10.93 -56.84	98.22 8.50 -0.02	140.38 10.85 -28.40	124.41 6.07 -61.53	188.30 4.88 -136.67	132.47 11.20 -8.43	109.14 9.31 0.00	85.20 6.27 -13.41	90.93 6.30 -9.86
HOLTSVILLE_IC_10 23699	156.98 12.57 -4.25	121.35 5.75 -50.05	135.90 9.95 -0.58	175.80 10.45 0.00	151.10 9.45 0.00	186.54 13.19 0.00	127.77 10.69 -1.06	142.30 9.40 -25.48	141.81 11.56 -21.15	97.45 9.17 -2.21	89.99 7.97 -1.59	100.41 8.78 0.00	90.60 7.11 0.00	88.49 7.00 0.00	102.30 8.74 0.00	177.81 11.69 -56.84	98.83 9.12 -0.02	141.15 11.62 -28.40	124.81 6.48 -61.53	188.66 5.24 -136.67	133.32 12.05 -8.43	109.85 10.02 0.00	85.63 6.71 -13.41	91.38 6.75 -9.86
HOLTSVILLE_IC_2 23691	156.13 11.72 -4.25	120.96 5.35 -50.05	135.15 9.19 -0.58	174.86 9.50 0.00	150.27 8.61 0.00	185.56 12.21 0.00	127.02 9.93 -1.06	141.58 8.68 -25.48	141.00 10.75 -21.15	96.85 8.57 -2.21	89.47 7.45 -1.59	99.86 8.23 0.00	90.15 6.65 0.00	88.07 6.59 0.00	101.72 8.17 0.00	177.05 10.93 -56.84	98.22 8.50 -0.02	140.38 10.85 -28.40	124.41 6.07 -61.53	188.30 4.88 -136.67	132.47 11.20 -8.43	109.14 9.31 0.00	85.20 6.27 -13.41	90.93 6.30 -9.86
HOLTSVILLE_IC_3 23692	156.13 11.72 -4.25	120.96 5.35 -50.05	135.15 9.19 -0.58	174.86 9.50 0.00	150.27 8.61 0.00	185.56 12.21 0.00	127.02 9.93 -1.06	141.58 8.68 -25.48	141.00 10.75 -21.15	96.85 8.57 -2.21	89.47 7.45 -1.59	99.86 8.23 0.00	90.15 6.65 0.00	88.07 6.59 0.00	101.72 8.17 0.00	177.05 10.93 -56.84	98.22 8.50 -0.02	140.38 10.85 -28.40	124.41 6.07 -61.53	188.30 4.88 -136.67	132.47 11.20 -8.43	109.14 9.31 0.00	85.20 6.27 -13.41	90.93 6.30 -9.86
HOLTSVILLE_IC_4 23693	156.13 11.72 -4.25	120.96 5.35 -50.05	135.15 9.19 -0.58	174.86 9.50 0.00	150.27 8.61 0.00	185.56 12.21 0.00	127.02 9.93 -1.06	141.58 8.68 -25.48	141.00 10.75 -21.15	96.85 8.57 -2.21	89.47 7.45 -1.59	99.86 8.23 0.00	90.15 6.65 0.00	88.07 6.59 0.00	101.72 8.17 0.00	177.05 10.93 -56.84	98.22 8.50 -0.02	140.38 10.85 -28.40	124.41 6.07 -61.53	188.30 4.88 -136.67	132.47 11.20 -8.43	109.14 9.31 0.00	85.20 6.27 -13.41	90.93 6.30 -9.86
HOLTSVILLE_IC_5 23694	156.13 11.72 -4.25	120.96 5.35 -50.05	135.15 9.19 -0.58	174.86 9.50 0.00	150.27 8.61 0.00	185.56 12.21 0.00	127.02 9.93 -1.06	141.58 8.68 -25.48	141.00 10.75 -21.15	96.85 8.57 -2.21	89.47 7.45 -1.59	99.86 8.23 0.00	90.15 6.65 0.00	88.07 6.59 0.00	101.72 8.17 0.00	177.05 10.93 -56.84	98.22 8.50 -0.02	140.38 10.85 -28.40	124.41 6.07 -61.53	188.30 4.88 -136.67	132.47 11.20 -8.43	109.14 9.31 0.00	85.20 6.27 -13.41	90.93 6.30 -9.86
HOLTSVILLE_IC_6 23695	156.98 12.57 -4.25	121.35 5.75 -50.05	135.90 9.95 -0.58	175.80 10.45 0.00	151.10 9.45 0.00	186.54 13.19 0.00	127.77 10.69 -1.06	142.30 9.40 -25.48	141.81 11.56 -21.15	97.45 9.17 -2.21	89.99 7.97 -1.59	100.41 8.78 0.00	90.60 7.11 0.00	88.49 7.00 0.00	102.30 8.74 0.00	177.81 11.69 -56.84	98.83 9.12 -0.02	141.15 11.62 -28.40	124.81 6.48 -61.53	188.66 5.24 -136.67	133.32 12.05 -8.43	109.85 10.02 0.00	85.63 6.71 -13.41	91.38 6.75 -9.86
HOLTSVILLE_IC_7 23696	156.98 12.57 -4.25	121.35 5.75 -50.05	135.90 9.95 -0.58	175.80 10.45 0.00	151.10 9.45 0.00	186.54 13.19 0.00	127.77 10.69 -1.06	142.30 9.40 -25.48	141.81 11.56 -21.15	97.45 9.17 -2.21	89.99 7.97 -1.59	100.41 8.78 0.00	90.60 7.11 0.00	88.49 7.00 0.00	102.30 8.74 0.00	177.81 11.69 -56.84	98.83 9.12 -0.02	141.15 11.62 -28.40	124.81 6.48 -61.53	188.66 5.24 -136.67	133.32 12.05 -8.43	109.85 10.02 0.00	85.63 6.71 -13.41	91.38 6.75 -9.86
HOLTSVILLE_IC_8 23697	156.98 12.57 -4.25	121.35 5.75 -50.05	135.90 9.95 -0.58	175.80 10.45 0.00	151.10 9.45 0.00	186.54 13.19 0.00	127.77 10.69 -1.06	142.30 9.40 -25.48	141.81 11.56 -21.15	97.45 9.17 -2.21	89.99 7.97 -1.59	100.41 8.78 0.00	90.60 7.11 0.00	88.49 7.00 0.00	102.30 8.74 0.00	177.81 11.69 -56.84	98.83 9.12 -0.02	141.15 11.62 -28.40	124.81 6.48 -61.53	188.66 5.24 -136.67	133.32 12.05 -8.43	109.85 10.02 0.00	85.63 6.71 -13.41	91.38 6.75 -9.86
HOLTSVILLE_IC_9 23698	156.98 12.57 -4.25	121.35 5.75 -50.05	135.90 9.95 -0.58	175.80 10.45 0.00	151.10 9.45 0.00	186.54 13.19 0.00	127.77 10.69 -1.06	142.30 9.40 -25.48	141.81 11.56 -21.15	97.45 9.17 -2.21	89.99 7.97 -1.59	100.41 8.78 0.00	90.60 7.11 0.00	88.49 7.00 0.00	102.30 8.74 0.00	177.81 11.69 -56.84	98.83 9.12 -0.02	141.15 11.62 -28.40	124.81 6.48 -61.53	188.66 5.24 -136.67	133.32 12.05 -8.43	109.85 10.02 0.00	85.63 6.71 -13.41	91.38 6.75 -9.86
HOMER_HL_115KV_TB2 355744	136.44 -3.72 0.00	63.39 -2.17 0.00	120.97 -4.42 0.00	158.76 -6.59 0.00	136.35 -5.32 0.00	167.70 -5.65 0.00	112.24 -3.79 0.00	107.48 -4.71 -4.77	108.38 -3.53 -2.81	83.56 -2.52 0.00	77.40 -3.32 -0.30	87.78 -3.84 0.00	80.69 -2.81 0.00	77.28 -4.19 0.00	88.88 -4.68 0.00	103.65 -5.63 0.00	84.21 -5.48 0.01	85.41 -6.04 9.67	50.30 -3.81 2.70	47.89 -3.39 -4.53	33.17 -8.24 71.43	39.20 -7.89 52.73	42.09 -4.66 18.75	68.17 -5.35 1.24
HOWARD_WT_PWR 323690	134.54 -5.62 0.00	62.78 -2.78 0.00	120.07 -5.31 0.00	156.40 -8.95 0.00	134.03 -7.62 0.00	164.84 -8.51 0.00	112.28 -3.74 0.00	109.09 -3.63 -5.31	110.66 -1.57 -3.13	84.10 -1.98 0.00	78.41 -2.35 -0.33	88.51 -3.11 0.00	81.10 -2.40 0.00	78.03 -3.45 0.00	89.51 -4.05 0.00	103.68 -5.60 0.00	84.18 -5.61 -0.08	98.53 -7.59 -4.99	62.57 -4.88 -10.64	55.32 -4.77 -13.33	-17.71 -11.12 119.43	-1.37 -10.40 90.79	33.04 -7.26 25.22	64.06 -8.19 2.53

HQ_GEN_CEDARS 23644	139.98 -0.18 0.00	65.67 0.11 0.00	126.32 0.94 0.00	168.48 3.13 0.00	143.61 1.95 0.00	173.81 0.46 0.00	114.79 -1.23 0.00	106.05 -1.37 0.00	107.15 -1.95 0.00	84.72 -1.36 0.00	79.78 -0.65 0.00	91.56 -0.06 0.00	83.74 0.24 0.00	81.59 0.12 0.00	93.97 0.42 0.00	109.36 0.09 0.00	89.59 -0.10 0.00	100.33 -0.79 0.00	56.24 -0.57 0.00	46.35 -0.40 0.00	112.37 -0.47 0.00	99.79 -0.04 0.00	65.54 0.03 0.00	75.59 0.82 0.00
HQ_GEN_CEDARS_PROXY 323590	139.98 -0.18 0.00	65.67 0.11 0.00	126.33 0.94 0.00	168.47 3.12 -11.73	155.33 1.95 0.00	173.81 0.47 0.00	114.80 -1.23 0.00	106.05 -1.37 0.00	107.15 -1.95 0.00	84.71 -1.36 0.00	79.78 -0.65 0.00	91.56 -0.06 0.00	83.74 0.24 0.00	81.60 0.12 0.00	93.98 0.42 0.00	109.36 0.09 0.00	89.59 -0.10 0.00	100.37 -0.76 0.00	56.24 -0.57 0.00	46.35 -0.40 0.00	112.38 -0.45 0.00	99.79 -0.04 0.00	65.54 0.03 0.00	75.60 0.83 0.00
HQ_GEN_IMPORT 323601	139.02 -1.14 0.00	65.14 -0.42 0.00	125.10 -0.28 0.00	166.55 1.20 0.00	142.19 0.53 0.00	41.96 -0.96 130.44	114.11 -1.92 0.00	105.68 -1.74 0.00	107.01 -2.09 0.00	84.46 -1.62 0.00	79.35 -1.07 0.00	90.75 -0.87 0.00	83.01 -0.49 0.00	80.92 -0.55 0.00	93.03 -0.53 0.00	103.04 -0.77 5.47	88.99 -0.70 0.00	99.93 -1.19 0.00	56.03 -0.78 0.00	46.15 -0.60 0.00	112.01 -0.83 0.00	99.36 -0.46 0.00	65.24 -0.28 0.00	74.97 0.21 0.00
HQ_GEN_WHEEL 23651	139.02 -1.14 0.00	65.14 -0.42 0.00	125.10 -0.28 0.00	166.55 1.20 0.00	142.19 0.53 0.00	41.96 -0.96 130.44	114.11 -1.92 0.00	105.68 -1.74 0.00	107.01 -2.09 0.00	84.46 -1.62 0.00	79.35 -1.07 0.00	90.75 -0.87 0.00	83.01 -0.49 0.00	80.92 -0.55 0.00	93.03 -0.53 0.00	103.04 -0.77 5.47	88.99 -0.70 0.00	99.93 -1.19 0.00	56.03 -0.78 0.00	46.15 -0.60 0.00	112.01 -0.83 0.00	99.36 -0.46 0.00	65.24 -0.28 0.00	74.97 0.21 0.00
HUDSON AVE_GT_3 23810	149.01 8.85 0.00	69.36 3.81 0.00	131.45 6.07 0.00	171.48 6.13 0.00	147.30 5.65 0.00	182.49 9.14 0.00	124.15 8.13 0.00	141.04 8.13 -25.49	132.97 8.84 -15.03	93.32 7.25 0.00	88.26 6.24 -1.59	98.47 6.84 0.00	89.26 5.76 0.00	87.29 5.81 0.00	100.14 6.59 0.00	117.37 8.09 0.00	96.53 6.83 0.00	138.21 8.68 -28.41	123.26 4.91 -61.54	178.62 3.87 -128.00	121.44 8.60 0.00	106.90 7.08 0.00	71.01 4.43 -1.06	78.96 4.19 0.00
HUDSON AVE_GT_4 23540	149.01 8.85 0.00	69.36 3.81 0.00	131.45 6.07 0.00	171.48 6.13 0.00	147.30 5.65 0.00	182.49 9.14 0.00	124.15 8.13 0.00	141.04 8.13 -25.49	132.97 8.84 -15.03	93.32 7.25 0.00	88.26 6.24 -1.59	98.47 6.84 0.00	89.26 5.76 0.00	87.29 5.81 0.00	100.14 6.59 0.00	117.37 8.09 0.00	96.53 6.83 0.00	138.21 8.68 -28.41	123.26 4.91 -61.54	178.62 3.87 -128.00	121.44 8.60 0.00	106.90 7.08 0.00	71.01 4.43 -1.06	78.96 4.19 0.00
HUDSON AVE_GT_5 23657	149.01 8.85 0.00	69.36 3.81 0.00	131.45 6.07 0.00	171.48 6.13 0.00	147.30 5.65 0.00	182.49 9.14 0.00	124.15 8.13 0.00	141.04 8.13 -25.49	132.97 8.84 -15.03	93.32 7.25 0.00	88.26 6.24 -1.59	98.47 6.84 0.00	89.26 5.76 0.00	87.29 5.81 0.00	100.14 6.59 0.00	117.37 8.09 0.00	96.53 6.83 0.00	138.21 8.68 -28.41	123.26 4.91 -61.54	178.62 3.87 -128.00	121.44 8.60 0.00	106.90 7.08 0.00	71.01 4.43 -1.06	78.96 4.19 0.00
HUDSON_AVE_10 24168	148.66 8.50 0.00	69.20 3.64 0.00	131.09 5.70 0.00	171.05 5.69 0.00	146.96 5.30 0.00	182.07 8.72 0.00	123.87 7.85 0.00	140.80 7.90 -25.49	132.69 8.56 -15.03	93.06 6.98 0.00	88.06 6.00 -1.63	98.39 6.55 -0.22	89.03 5.49 -0.04	87.01 5.53 0.00	99.82 6.26 0.00	117.03 7.75 0.00	96.24 6.55 0.00	137.92 8.40 -28.41	123.12 4.76 -61.54	178.49 3.74 -128.00	121.15 8.31 0.00	106.69 6.86 0.00	70.82 4.24 -1.06	78.71 3.94 0.00
HUDSON___115KV_TB 4 355613	149.06 8.90 0.00	69.73 4.17 0.00	133.13 7.75 0.00	174.47 9.12 0.00	149.65 7.99 0.00	183.49 10.13 0.00	123.11 7.08 0.00	144.26 6.52 -30.32	133.35 6.37 -17.88	90.69 4.62 0.00	86.68 4.36 -1.89	95.80 4.17 0.00	86.72 3.21 0.00	84.70 3.22 0.00	96.78 3.22 0.00	112.81 3.53 0.00	94.03 4.34 0.00	140.72 5.80 -33.80	133.51 3.48 -73.21	201.84 2.82 -152.27	119.67 6.83 0.00	105.87 6.04 0.00	70.97 4.20 -1.27	79.70 4.93 0.00
HUNTER MOUNT___DRP 323613	149.85 9.69 0.00	70.12 4.56 0.00	133.94 8.56 0.00	175.58 10.23 0.00	150.62 8.96 0.00	184.82 11.46 0.00	124.10 8.07 0.00	144.42 7.38 -29.62	133.79 7.23 -17.47	91.31 5.24 0.00	87.18 4.90 -1.85	96.32 4.70 0.00	87.17 3.67 0.00	85.13 3.65 0.00	97.29 3.73 0.00	113.49 4.22 0.00	94.71 5.02 0.00	140.66 6.53 -33.01	132.18 3.86 -71.50	198.60 3.13 -148.71	120.49 7.65 0.00	106.56 6.74 0.00	71.39 4.64 -1.24	80.12 5.35 0.00
HUNTINGTON_RES_REC 323705	156.25 11.84 -4.25	121.04 5.43 -50.05	135.29 9.33 -0.58	175.19 9.84 0.00	150.63 8.97 0.00	185.98 12.62 0.00	127.42 10.34 -1.06	141.96 9.07 -25.48	141.10 10.85 -21.15	97.00 8.72 -2.21	89.63 7.61 -1.59	100.02 8.39 0.00	90.30 6.80 0.00	88.25 6.77 0.00	101.87 8.31 0.00	177.14 11.02 -56.84	98.35 8.64 -0.02	140.50 10.98 -28.40	124.52 6.19 -61.53	188.45 5.03 -136.67	132.72 11.46 -8.43	109.31 9.48 0.00	85.24 6.31 -13.41	91.01 6.38 -9.86
HUNTLEY___63 23557	129.42 -10.74 0.00	60.42 -5.14 0.00	115.43 -9.95 0.00	151.81 -13.54 0.00	130.17 -11.49 0.00	161.24 -12.10 0.00	107.89 -8.13 0.00	101.72 -9.65 -3.95	102.24 -9.19 -2.34	78.80 -7.28 0.00	72.73 -7.98 -0.28	82.07 -9.57 -0.01	74.94 -8.57 0.00	71.98 -9.50 -0.01	83.03 -10.53 0.00	96.36 -12.92 0.00	78.81 -10.86 0.02	77.09 -12.19 11.84	43.62 -6.83 6.36	38.37 -5.63 2.76	40.41 -13.65 58.78	46.56 -12.26 41.00	42.32 -7.49 15.70	65.47 -8.43 0.87
HUNTLEY___64 23558	129.42 -10.74 0.00	60.42 -5.14 0.00	115.43 -9.95 0.00	151.81 -13.54 0.00	130.17 -11.49 0.00	161.24 -12.10 0.00	107.89 -8.13 0.00	101.72 -9.65 -3.95	102.24 -9.19 -2.34	78.80 -7.28 0.00	72.73 -7.98 -0.28	82.07 -9.57 -0.01	74.94 -8.57 0.00	71.98 -9.50 -0.01	83.03 -10.53 0.00	96.36 -12.92 0.00	78.81 -10.86 0.02	77.09 -12.19 11.84	43.62 -6.83 6.36	38.37 -5.63 2.76	40.41 -13.65 58.78	46.56 -12.26 41.00	42.32 -7.49 15.70	65.47 -8.43 0.87
HUNTLEY___65 23559	129.42 -10.74 0.00	60.42 -5.14 0.00	115.43 -9.95 0.00	151.81 -13.54 0.00	130.17 -11.49 0.00	161.24 -12.10 0.00	107.89 -8.13 0.00	101.72 -9.65 -3.95	102.24 -9.19 -2.34	78.80 -7.28 0.00	72.73 -7.98 -0.28	82.07 -9.57 -0.01	74.94 -8.57 0.00	71.98 -9.50 -0.01	83.03 -10.53 0.00	96.36 -12.92 0.00	78.81 -10.86 0.02	77.09 -12.19 11.84	43.62 -6.83 6.36	38.37 -5.63 2.76	40.41 -13.65 58.78	46.56 -12.26 41.00	42.32 -7.49 15.70	65.47 -8.43 0.87
HUNTLEY___66 23560	129.42 -10.74 0.00	60.42 -5.14 0.00	115.43 -9.95 0.00	151.81 -13.54 0.00	130.17 -11.49 0.00	161.24 -12.10 0.00	107.89 -8.13 0.00	101.72 -9.65 -3.95	102.24 -9.19 -2.34	78.80 -7.28 0.00	72.73 -7.98 -0.28	82.07 -9.57 -0.01	74.94 -8.57 0.00	71.98 -9.50 -0.01	83.03 -10.53 0.00	96.36 -12.92 0.00	78.81 -10.86 0.02	77.09 -12.19 11.84	43.62 -6.83 6.36	38.37 -5.63 2.76	40.41 -13.65 58.78	46.56 -12.26 41.00	42.32 -7.49 15.70	65.47 -8.43 0.87

HUNTLEY___67 23561	129.75 -10.42 0.00	60.58 -4.97 0.00	115.85 -9.54 0.00	152.35 -13.00 0.00	130.60 -11.05 0.00	161.71 -11.64 0.00	108.17 -7.86 0.00	102.16 -9.28 -4.03	102.62 -8.85 -2.38	79.02 -7.06 0.00	72.96 -7.71 -0.24	82.31 -9.31 0.00	75.20 -8.29 0.00	72.18 -9.29 0.00	83.23 -10.33 0.00	96.60 -12.67 0.00	79.03 -10.64 0.03	75.77 -12.03 13.32	42.16 -6.87 7.79	36.13 -5.75 4.88	35.99 -13.91 62.93	43.78 -12.54 43.50	41.15 -7.64 16.73	65.49 -8.38 0.90
HUNTLEY___68 23562	129.75 -10.42 0.00	60.58 -4.97 0.00	115.85 -9.54 0.00	152.35 -13.00 0.00	130.60 -11.05 0.00	161.71 -11.64 0.00	108.17 -7.86 0.00	102.16 -9.28 -4.03	102.62 -8.85 -2.38	79.02 -7.06 0.00	72.96 -7.71 -0.24	82.31 -9.31 0.00	75.20 -8.29 0.00	72.18 -9.29 0.00	83.23 -10.33 0.00	96.60 -12.67 0.00	79.03 -10.64 0.03	75.77 -12.03 13.32	42.16 -6.87 7.79	36.13 -5.75 4.88	35.99 -13.91 62.93	43.78 -12.54 43.50	41.15 -7.64 16.73	65.49 -8.38 0.90
HYLAND___LFG 323620	137.99 -2.17 0.00	64.27 -1.28 0.00	122.77 -2.61 0.00	160.86 -4.49 0.00	138.13 -3.53 0.00	170.79 -2.56 0.00	116.14 0.12 0.00	111.39 -0.41 -4.38	111.48 -0.20 -2.58	84.53 -1.54 0.00	78.26 -2.44 -0.27	88.27 -3.35 0.00	81.05 -2.45 0.00	77.12 -4.36 0.00	89.27 -4.29 0.00	102.14 -7.13 0.00	84.77 -5.02 -0.09	115.51 -4.48 -18.87	77.55 -2.30 -23.03	75.08 -2.16 -30.49	57.75 -5.71 49.38	53.51 -5.69 40.63	54.39 -3.88 7.24	68.81 -4.59 1.38
INDECK___CORINTH 23802	152.49 12.33 0.00	71.20 5.64 0.00	135.80 10.41 0.00	177.10 11.75 0.00	151.20 9.54 0.00	184.88 11.53 0.00	124.72 8.70 0.00	147.25 7.61 -32.23	135.26 7.16 -19.01	91.09 5.02 0.00	86.79 4.35 -2.01	95.90 4.27 0.00	87.11 3.61 0.00	85.45 3.96 0.00	97.93 4.38 0.00	114.95 5.68 0.00	94.65 4.95 0.00	143.51 6.47 -35.91	138.43 3.80 -77.81	211.70 3.11 -161.84	119.95 7.12 0.00	105.88 6.05 0.00	70.56 3.71 -1.35	78.64 3.87 0.00
INDECK___ILION 23567	149.30 9.14 0.00	69.47 3.91 0.00	132.17 6.79 0.00	172.01 6.66 0.00	148.13 6.47 0.00	183.92 10.57 0.00	125.78 9.76 0.00	116.74 9.32 0.00	117.35 8.25 0.00	91.20 5.12 0.00	84.44 4.01 0.00	95.26 3.64 0.00	86.72 3.22 0.00	86.04 4.57 0.00	98.25 4.69 0.00	115.94 6.66 0.00	96.49 6.80 0.00	110.20 9.07 0.00	62.04 5.23 0.00	51.00 4.24 0.00	122.09 9.25 0.00	107.29 7.46 0.00	70.52 5.01 0.00	79.87 5.10 0.00
INDECK___OLEAN 23982	136.44 -3.72 0.00	63.39 -2.17 0.00	120.97 -4.42 0.00	158.75 -6.61 0.00	136.33 -5.33 0.00	167.74 -5.62 0.00	112.23 -3.80 0.00	107.49 -4.69 -4.77	108.39 -3.53 -2.81	83.55 -2.53 0.00	77.41 -3.32 -0.30	87.78 -3.84 0.00	80.71 -2.79 0.00	77.32 -4.16 0.00	88.87 -4.69 0.00	103.65 -5.63 0.00	84.21 -5.48 0.01	85.32 -6.13 9.67	50.26 -3.85 2.70	47.87 -3.41 -4.53	32.91 -8.50 71.43	39.18 -7.92 52.73	42.10 -4.66 18.75	68.15 -5.38 1.24
INDECK___OSWEGO 23783	134.52 -5.64 0.00	62.95 -2.60 0.00	120.26 -5.12 0.00	158.22 -7.13 0.00	135.85 -5.81 0.00	166.95 -6.40 0.00	112.24 -3.78 0.00	105.64 -3.73 -1.96	106.51 -3.74 -1.16	83.03 -3.05 0.00	77.53 -3.02 -0.12	88.03 -3.60 0.00	80.06 -3.44 0.00	77.98 -3.50 0.00	89.66 -3.89 0.00	104.96 -4.31 0.00	86.20 -3.49 0.00	99.35 -3.95 -2.18	59.31 -2.22 -4.72	54.75 -1.83 -9.82	108.04 -4.79 0.00	95.34 -4.49 0.00	62.59 -3.00 -0.08	71.12 -3.65 0.00
INDECK___YERKES 23781	129.37 -10.79 0.00	60.40 -5.15 0.00	115.36 -10.02 0.00	151.75 -13.61 0.00	130.05 -11.61 0.00	161.22 -12.13 0.00	107.84 -8.18 0.00	101.67 -9.70 -3.95	102.21 -9.22 -2.34	78.78 -7.30 0.00	72.73 -7.98 -0.28	82.07 -9.56 -0.01	74.92 -8.58 0.00	72.02 -9.47 -0.01	83.02 -10.53 0.00	96.35 -12.93 0.00	78.79 -10.88 0.02	77.00 -12.29 11.84	43.61 -6.84 6.36	38.38 -5.62 2.76	40.33 -13.73 58.78	46.59 -12.24 41.00	42.33 -7.48 15.70	65.44 -8.46 0.87
INDIAN POINT_GT_1 24139	148.04 7.88 0.00	68.97 3.41 0.00	130.95 5.57 0.00	170.99 5.63 0.00	146.88 5.22 0.00	181.66 8.31 0.00	123.44 7.42 0.00	139.97 7.33 -25.23	131.85 7.87 -14.88	92.49 6.41 0.00	87.52 5.52 -1.58	97.66 6.04 0.00	88.54 5.04 0.00	86.59 5.11 0.00	99.38 5.82 0.00	116.45 7.18 0.00	95.74 6.04 0.00	136.99 7.75 -28.12	122.14 4.42 -60.91	176.95 3.51 -126.69	120.70 7.86 0.00	106.30 6.48 0.00	70.63 4.07 -1.05	78.69 3.92 0.00
INDIAN POINT_GT_2 23659	148.04 7.88 0.00	68.97 3.41 0.00	130.95 5.57 0.00	170.99 5.63 0.00	146.88 5.22 0.00	181.66 8.31 0.00	123.44 7.42 0.00	139.97 7.33 -25.23	131.85 7.87 -14.88	92.49 6.41 0.00	87.52 5.52 -1.58	97.66 6.04 0.00	88.54 5.04 0.00	86.59 5.11 0.00	99.38 5.82 0.00	116.45 7.18 0.00	95.74 6.04 0.00	136.99 7.75 -28.12	122.14 4.42 -60.91	176.95 3.51 -126.69	120.70 7.86 0.00	106.30 6.48 0.00	70.63 4.07 -1.05	78.69 3.92 0.00
INDIAN POINT_GT_3 24019	148.04 7.88 0.00	68.97 3.41 0.00	130.95 5.57 0.00	170.99 5.63 0.00	146.88 5.22 0.00	181.66 8.31 0.00	123.44 7.42 0.00	139.97 7.33 -25.23	131.85 7.87 -14.88	92.49 6.41 0.00	87.52 5.52 -1.58	97.66 6.04 0.00	88.54 5.04 0.00	86.59 5.11 0.00	99.38 5.82 0.00	116.45 7.18 0.00	95.74 6.04 0.00	136.99 7.75 -28.12	122.14 4.42 -60.91	176.95 3.51 -126.69	120.70 7.86 0.00	106.30 6.48 0.00	70.63 4.07 -1.05	78.69 3.92 0.00
INDIAN POINT___2 23530	147.82 7.66 0.00	68.84 3.28 0.00	130.71 5.33 0.00	170.69 5.34 0.00	146.61 4.95 0.00	181.34 7.99 0.00	123.21 7.19 0.00	139.42 7.12 -24.88	131.43 7.65 -14.68	92.32 6.24 0.00	87.33 5.35 -1.55	97.50 5.87 0.00	88.37 4.87 0.00	86.45 4.97 0.00	99.20 5.64 0.00	116.25 6.97 0.00	95.56 5.86 0.00	136.40 7.54 -27.74	121.19 4.28 -60.09	175.15 3.42 -124.98	120.50 7.66 0.00	106.11 6.28 0.00	70.50 3.95 -1.04	78.54 3.77 0.00
INDIAN POINT___3 23531	147.84 7.68 0.00	68.86 3.31 0.00	130.77 5.39 0.00	170.82 5.47 0.00	146.70 5.05 0.00	181.43 8.08 0.00	123.24 7.21 0.00	139.81 7.15 -25.24	131.66 7.67 -14.89	92.33 6.26 0.00	87.39 5.39 -1.58	97.54 5.92 0.00	88.39 4.90 0.00	86.48 4.99 0.00	99.24 5.69 0.00	116.28 7.00 0.00	95.58 5.89 0.00	136.81 7.55 -28.13	122.07 4.30 -60.95	176.95 3.42 -126.77	120.48 7.64 0.00	106.10 6.28 0.00	70.54 3.98 -1.05	78.57 3.80 0.00
INGHAM_C_115KV_TB7 356103	148.24 8.08 0.00	68.97 3.41 0.00	131.24 5.86 0.00	170.76 5.40 0.00	147.05 5.39 0.00	182.52 9.17 0.00	124.75 8.73 0.00	115.74 8.32 0.00	116.36 7.26 0.00	90.43 4.35 0.00	83.75 3.32 0.00	94.48 2.85 0.00	86.00 2.50 0.00	85.40 3.93 0.00	97.46 3.90 0.00	115.00 5.73 0.00	95.67 5.97 0.00	109.23 8.11 0.00	61.50 4.69 0.00	50.57 3.82 0.00	121.07 8.24 0.00	106.42 6.60 0.00	69.99 4.47 0.00	79.32 4.55 0.00
IP CORINTH___1 23988	152.50 12.33 0.00	71.21 5.65 0.00	135.80 10.41 0.00	177.28 11.93 0.00	151.49 9.83 0.00	185.66 12.31 0.00	125.39 9.36 0.00	147.85 8.21 -32.23	135.87 7.77 -19.01	91.58 5.50 0.00	87.23 4.79 -2.01	96.38 4.76 0.00	87.54 4.04 0.00	85.88 4.40 0.00	98.43 4.87 0.00	115.53 6.25 0.00	95.15 5.45 0.00	144.07 7.03 -35.91	138.74 4.12 -77.81	211.96 3.37 -161.84	120.53 7.69 0.00	106.38 6.55 0.00	70.89 4.04 -1.35	79.03 4.26 0.00

IP___TICONDEROGA 23804	157.56 17.40 0.00	73.44 7.88 0.00	139.75 14.37 0.00	182.49 17.14 0.00	156.66 15.00 0.00	194.29 20.94 0.00	132.30 16.28 0.00	152.77 13.19 -32.17	139.26 11.19 -18.97	93.34 7.27 0.00	89.25 6.81 -2.01	98.00 6.38 0.00	88.34 4.84 0.00	87.27 5.79 0.00	100.41 6.85 0.00	118.67 9.40 0.00	97.26 7.57 0.00	147.59 10.62 -35.85	140.90 6.42 -77.67	213.60 5.31 -161.54	124.70 11.85 0.00	109.62 9.79 0.00	72.85 6.00 -1.34	81.11 6.35 0.00
ISLIP_RES_REC 323679	157.63 13.23 -4.25	121.64 6.03 -50.05	136.40 10.45 -0.58	176.50 11.14 0.00	151.72 10.06 0.00	187.36 14.01 0.00	128.40 11.31 -1.06	142.90 10.01 -25.48	142.43 12.18 -21.15	97.85 9.57 -2.21	90.32 8.30 -1.59	100.80 9.18 0.00	90.99 7.49 0.00	88.87 7.39 0.00	102.74 9.19 0.00	178.43 12.31 -56.84	99.33 9.61 -0.02	141.75 12.23 -28.40	125.18 6.84 -61.53	188.94 5.52 -136.67	133.98 12.72 -8.43	110.40 10.57 0.00	85.96 7.03 -13.41	91.72 7.09 -9.86
JAMAICA__27_KV_LOAD 355505	149.83 9.67 0.00	69.75 4.19 0.00	131.96 6.57 0.00	172.22 6.87 0.00	148.07 6.41 0.00	183.63 10.28 0.00	124.96 8.93 0.00	141.83 8.93 -25.49	133.59 9.45 -15.03	93.62 7.54 0.00	88.62 6.56 -1.64	98.96 7.10 -0.24	89.54 6.00 -0.05	87.51 6.03 0.00	100.36 6.80 0.00	117.59 8.31 0.00	96.75 7.05 0.00	138.67 9.14 -28.41	123.59 5.23 -61.54	178.89 4.13 -128.00	122.04 9.20 0.00	107.55 7.73 0.00	71.26 4.68 -1.06	79.12 4.35 0.00
JANIS___SOLAR 323808	143.63 3.47 0.00	67.00 1.44 0.00	127.96 2.58 0.00	168.67 3.32 0.00	145.64 3.99 0.00	180.84 7.49 0.00	122.81 6.78 0.00	120.57 6.28 -6.88	120.23 7.08 -4.06	91.24 5.16 0.00	83.94 3.08 -0.43	94.37 2.75 0.00	86.20 2.70 0.00	84.26 2.78 0.00	97.03 3.47 0.00	114.30 5.02 0.00	94.31 4.60 -0.01	141.54 5.45 -34.96	103.58 2.92 -43.84	126.19 1.89 -77.54	261.06 3.16 -145.07	205.64 1.86 -103.95	102.86 0.82 -36.53	77.75 0.54 -2.43
JARVIS____ 23743	141.07 0.91 0.00	65.96 0.41 0.00	126.13 0.74 0.00	165.84 0.49 0.00	142.24 0.57 0.00	174.46 1.11 0.00	117.04 1.02 0.00	108.38 0.97 0.00	110.14 1.04 0.00	86.92 0.84 0.00	81.14 0.71 0.00	92.33 0.71 0.00	84.02 0.52 0.00	82.06 0.58 0.00	94.20 0.64 0.00	110.01 0.73 0.00	90.29 0.60 0.00	101.91 0.79 0.00	57.26 0.45 0.00	47.12 0.37 0.00	113.57 0.73 0.00	100.43 0.60 0.00	65.94 0.43 0.00	75.09 0.32 0.00
JENNISON___1 23625	141.47 1.31 0.00	66.03 0.48 0.00	126.28 0.89 0.00	167.23 1.88 0.00	145.24 3.58 0.00	180.34 6.99 0.00	122.53 6.51 0.00	122.23 5.94 -8.86	121.18 6.85 -5.23	91.74 5.66 0.00	84.70 3.72 -0.55	95.68 4.06 0.00	87.46 3.96 0.00	85.70 4.22 0.00	98.63 5.08 0.00	115.84 6.57 0.00	95.18 5.49 0.00	122.45 6.19 -15.13	86.35 2.86 -26.67	101.56 1.81 -53.00	145.09 2.74 -29.51	122.26 1.22 -21.21	73.43 0.24 -7.68	75.11 -0.16 -0.50
JENNISON___2 23626	141.47 1.31 0.00	66.03 0.48 0.00	126.28 0.89 0.00	167.23 1.88 0.00	145.24 3.58 0.00	180.34 6.99 0.00	122.53 6.51 0.00	122.23 5.94 -8.86	121.18 6.85 -5.23	91.74 5.66 0.00	84.70 3.72 -0.55	95.68 4.06 0.00	87.46 3.96 0.00	85.70 4.22 0.00	98.63 5.08 0.00	115.84 6.57 0.00	95.18 5.49 0.00	122.45 6.19 -15.13	86.35 2.86 -26.67	101.56 1.81 -53.00	145.09 2.74 -29.51	122.26 1.22 -21.21	73.43 0.24 -7.68	75.11 -0.16 -0.50
JERICHO_RISE_WT_PWR 323719	136.41 -3.75 0.00	63.97 -1.58 0.00	123.82 -1.56 0.00	165.36 0.01 0.00	140.61 -1.05 0.00	171.53 -1.82 0.00	113.39 -2.63 0.00	104.86 -2.56 0.00	105.66 -3.44 0.00	83.22 -2.85 0.00	78.60 -1.83 0.00	90.53 -1.09 0.00	82.64 -0.86 0.00	81.08 -0.40 0.00	94.03 0.48 0.00	109.82 0.55 0.00	89.76 0.06 0.00	99.85 -1.27 0.00	55.92 -0.89 0.00	45.99 -0.77 0.00	110.97 -1.88 0.00	98.05 -1.77 0.00	64.17 -1.34 0.00	74.58 -0.19 0.00
KATONAH___115KV_46KV_TB4 355592	149.92 9.76 0.00	69.85 4.30 0.00	132.69 7.31 0.00	173.31 7.96 0.00	148.94 7.28 0.00	184.29 10.94 0.00	125.39 9.37 0.00	142.34 9.12 -25.80	133.96 9.64 -15.22	93.80 7.73 0.00	88.78 6.74 -1.61	99.02 7.40 0.00	89.73 6.23 0.00	87.73 6.25 0.00	100.71 7.16 0.00	117.98 8.70 0.00	97.01 7.31 0.00	139.14 9.25 -28.76	124.37 5.24 -62.31	180.54 4.19 -129.60	122.25 9.42 0.00	107.63 7.81 0.00	71.51 4.92 -1.08	79.60 4.83 0.00
KCE_NY_1 323755	149.89 9.73 0.00	70.03 4.47 0.00	133.86 8.47 0.00	175.02 9.67 0.00	149.98 8.32 0.00	184.45 11.09 0.00	124.45 8.43 0.00	147.17 7.63 -32.12	135.50 7.45 -18.95	91.68 5.61 0.00	87.27 4.84 -2.01	96.79 5.17 0.00	87.97 4.47 0.00	86.17 4.68 0.00	98.90 5.35 0.00	115.80 6.53 0.00	95.27 5.57 0.00	143.90 6.98 -35.80	138.44 4.08 -77.56	211.39 3.33 -161.30	120.48 7.64 0.00	106.32 6.50 0.00	71.01 4.16 -1.34	79.21 4.44 0.00
KCE_NY_6_ESR 323823	131.95 -8.21 0.00	61.59 -3.97 0.00	117.80 -7.58 0.00	154.81 -10.54 0.00	132.81 -8.85 0.00	164.40 -8.95 0.00	110.24 -5.78 0.00	104.38 -7.24 -4.21	104.88 -6.70 -2.48	80.63 -5.45 0.00	74.63 -6.06 -0.26	84.09 -7.53 0.00	76.91 -6.58 0.00	73.75 -7.73 0.00	84.98 -8.57 0.00	98.69 -10.58 0.00	80.68 -8.98 0.03	76.73 -10.17 14.22	42.58 -5.89 8.34	36.69 -5.05 5.01	33.87 -12.27 66.70	42.30 -11.11 46.41	40.80 -6.80 17.91	66.25 -7.54 0.98
KEDC_PORT_JEFF_GT2 24210	156.84 12.43 -4.25	121.29 5.68 -50.05	135.76 9.81 -0.58	175.62 10.27 0.00	150.93 9.27 0.00	186.42 13.07 0.00	127.64 10.56 -1.06	142.16 9.26 -25.48	141.67 11.42 -21.15	97.33 9.05 -2.21	89.87 7.86 -1.59	100.31 8.68 0.00	90.52 7.02 0.00	88.45 6.96 0.00	102.21 8.65 0.00	177.67 11.55 -56.84	98.47 8.75 -0.02	140.72 11.20 -28.40	124.59 6.25 -61.53	188.48 5.06 -136.67	133.20 11.93 -8.43	109.75 9.92 0.00	85.56 6.63 -13.41	91.30 6.67 -9.86
KEDC_PORT_JEFF_GT3 24211	156.84 12.43 -4.25	121.29 5.68 -50.05	135.76 9.81 -0.58	175.62 10.27 0.00	150.93 9.27 0.00	186.42 13.07 0.00	127.64 10.56 -1.06	142.16 9.26 -25.48	141.67 11.42 -21.15	97.33 9.05 -2.21	89.87 7.86 -1.59	100.31 8.68 0.00	90.52 7.02 0.00	88.45 6.96 0.00	102.21 8.65 0.00	177.67 11.55 -56.84	98.47 8.75 -0.02	140.72 11.20 -28.40	124.59 6.25 -61.53	188.48 5.06 -136.67	133.20 11.93 -8.43	109.75 9.92 0.00	85.56 6.63 -13.41	91.30 6.67 -9.86
KEDC_GLWD_GT4 24219	154.62 10.22 -4.25	120.17 4.57 -50.05	133.62 7.66 -0.58	173.33 7.97 0.00	148.98 7.32 0.00	184.02 10.67 0.00	126.37 9.28 -1.06	141.44 8.55 -25.48	139.65 9.40 -21.15	96.11 7.83 -2.21	88.92 6.86 -1.63	99.51 7.67 -0.22	89.85 6.31 -0.04	87.78 6.30 0.00	100.99 7.43 0.00	175.58 9.46 -56.84	97.44 7.73 -0.02	139.46 9.93 -28.40	124.14 5.80 -61.53	188.10 4.68 -136.67	131.86 10.59 -8.43	108.49 8.66 0.00	84.49 5.57 -13.41	90.03 5.40 -9.86
KEDC_GLWD_GT5 24220	154.62 10.22 -4.25	120.17 4.57 -50.05	133.62 7.66 -0.58	173.33 7.97 0.00	148.98 7.32 0.00	184.02 10.67 0.00	126.37 9.28 -1.06	141.44 8.55 -25.48	139.65 9.40 -21.15	96.11 7.83 -2.21	88.92 6.86 -1.63	99.51 7.67 -0.22	89.85 6.31 -0.04	87.78 6.30 0.00	100.99 7.43 0.00	175.58 9.46 -56.84	97.44 7.73 -0.02	139.46 9.93 -28.40	124.14 5.80 -61.53	188.10 4.68 -136.67	131.86 10.59 -8.43	108.49 8.66 0.00	84.49 5.57 -13.41	90.03 5.40 -9.86

KENSICO____ 23655	148.42 8.26 0.00	69.13 3.58 0.00	131.24 5.86 0.00	171.33 5.98 0.00	147.18 5.52 0.00	182.04 8.69 0.00	123.75 7.72 0.00	140.44 7.60 -25.43	132.31 8.21 -15.00	92.77 6.69 0.00	87.81 5.79 -1.59	98.00 6.38 0.00	88.81 5.31 0.00	86.85 5.37 0.00	99.70 6.15 0.00	116.82 7.55 0.00	96.02 6.32 0.00	137.54 8.07 -28.35	122.81 4.59 -61.41	178.13 3.65 -127.73	120.98 8.13 0.00	106.56 6.73 0.00	70.82 4.25 -1.06	78.86 4.09 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	149.65 9.49 0.00	69.60 4.04 0.00	132.34 6.96 0.00	173.11 7.75 0.00	148.72 7.06 0.00	184.07 10.72 0.00	125.10 9.08 0.00	140.75 8.89 -24.44	132.73 9.21 -14.41	93.23 7.15 0.00	87.93 5.98 -1.53	97.76 6.13 0.00	88.49 4.99 0.00	86.56 5.09 0.00	99.42 5.87 0.00	116.89 7.61 0.00	96.64 6.95 0.00	137.28 8.93 -27.23	120.89 5.08 -59.00	173.58 4.13 -122.70	122.07 9.24 0.00	107.49 7.66 0.00	71.29 4.76 -1.02	79.41 4.64 0.00
KIAC_JFK_GT1 23816	148.98 8.82 0.00	69.15 3.60 0.00	130.68 5.30 0.00	170.55 5.20 0.00	146.57 4.91 0.00	181.73 8.38 0.00	123.63 7.61 0.00	140.65 7.75 -25.49	132.39 8.26 -15.03	92.71 6.63 0.00	87.77 5.71 -1.64	98.01 6.15 -0.24	88.68 5.13 -0.05	86.69 5.21 0.00	99.42 5.86 0.00	116.50 7.22 0.00	95.85 6.15 0.00	137.61 8.08 -28.41	122.97 4.61 -61.54	178.37 3.62 -128.00	120.84 8.00 0.00	106.50 6.67 0.00	70.58 4.01 -1.06	78.36 3.59 0.00
KIAC_JFK_GT2 23817	148.98 8.82 0.00	69.15 3.60 0.00	130.68 5.30 0.00	170.55 5.20 0.00	146.57 4.91 0.00	181.73 8.38 0.00	123.63 7.61 0.00	140.65 7.75 -25.49	132.39 8.26 -15.03	92.71 6.63 0.00	87.77 5.71 -1.64	98.01 6.15 -0.24	88.68 5.13 -0.05	86.69 5.21 0.00	99.42 5.86 0.00	116.50 7.22 0.00	95.85 6.15 0.00	137.61 8.08 -28.41	122.97 4.61 -61.54	178.37 3.62 -128.00	120.84 8.00 0.00	106.50 6.67 0.00	70.58 4.01 -1.06	78.36 3.59 0.00
KIAC_JFK____ 323774	148.99 8.82 0.00	69.15 3.59 0.00	130.68 5.30 0.00	170.55 5.20 0.00	146.57 4.91 0.00	181.72 8.37 0.00	123.63 7.61 0.00	140.65 7.75 -25.49	132.39 8.26 -15.03	92.70 6.63 0.00	87.77 5.70 -1.64	98.01 6.15 -0.24	88.68 5.13 -0.05	86.69 5.21 0.00	99.42 5.86 0.00	116.48 7.21 0.00	95.85 6.16 0.00	137.59 8.06 -28.41	122.97 4.61 -61.54	178.38 3.62 -128.00	120.93 8.09 0.00	106.52 6.69 0.00	70.59 4.02 -1.06	78.35 3.58 0.00
KINTIGH____ 23543	130.12 -10.04 0.00	60.75 -4.81 0.00	116.13 -9.26 0.00	152.70 -12.65 0.00	130.97 -10.69 0.00	161.91 -11.44 0.00	108.30 -7.72 0.00	102.13 -8.77 -3.48	102.67 -8.48 -2.05	79.32 -6.76 0.00	73.30 -7.33 -0.20	82.89 -8.73 0.00	75.69 -7.80 0.00	72.95 -8.53 0.00	84.11 -9.45 0.00	97.81 -11.46 0.00	80.07 -9.61 0.01	82.66 -10.94 7.51	47.85 -6.16 2.80	42.81 -5.12 -1.18	55.32 -12.59 44.93	56.94 -11.38 31.51	46.90 -6.95 11.67	66.51 -7.58 0.68
KNTFSRNC_46_KV_46KV_LOAD 80397	138.34 -1.83 0.00	64.84 -0.71 0.00	125.37 -0.01 0.00	167.41 2.06 0.00	142.46 0.80 0.00	174.35 1.00 0.00	115.93 -0.10 0.00	107.20 -0.22 0.00	107.79 -1.31 0.00	84.59 -1.48 0.00	79.74 -0.68 0.00	91.74 0.11 0.00	83.77 0.27 0.00	82.43 0.96 0.00	95.72 2.17 0.00	111.94 2.66 0.00	91.43 1.73 0.00	101.93 0.81 0.00	57.12 0.31 0.00	47.01 0.26 0.00	113.04 0.20 0.00	99.79 -0.03 0.00	65.23 -0.28 0.00	76.08 1.31 0.00
LACHUTE__HYDRO 323717	157.56 17.40 0.00	73.44 7.88 0.00	139.75 14.37 0.00	182.48 17.13 0.00	156.66 15.01 0.00	194.28 20.93 0.00	132.30 16.28 0.00	152.76 13.18 -32.17	139.26 11.18 -18.97	93.34 7.27 0.00	89.25 6.81 -2.01	98.00 6.38 0.00	88.34 4.84 0.00	87.27 5.79 0.00	100.40 6.85 0.00	118.67 9.40 0.00	97.26 7.57 0.00	147.59 10.61 -35.85	140.90 6.41 -77.67	213.61 5.31 -161.54	124.69 11.85 0.00	109.63 9.80 0.00	72.85 6.00 -1.34	81.11 6.34 0.00
LAWRNCV_115KV_TB1 80681	140.17 0.02 0.00	65.82 0.26 0.00	126.68 1.30 0.00	169.06 3.71 0.00	143.88 2.22 0.00	173.46 0.11 0.00	114.65 -1.37 0.00	105.79 -1.63 0.00	106.78 -2.32 0.00	84.72 -1.35 0.00	79.95 -0.47 0.00	91.76 0.14 0.00	83.76 0.26 0.00	81.61 0.13 0.00	94.08 0.52 0.00	109.13 -0.14 0.00	89.28 -0.42 0.00	99.77 -1.36 0.00	55.87 -0.95 0.00	46.09 -0.66 0.00	111.67 -1.16 0.00	99.35 -0.48 0.00	65.43 -0.08 0.00	75.59 0.82 0.00
LEDERLE____ 23769	148.24 8.08 0.00	69.03 3.47 0.00	131.08 5.69 0.00	171.17 5.82 0.00	147.06 5.40 0.00	181.96 8.61 0.00	123.62 7.60 0.00	139.52 7.56 -24.54	131.62 8.04 -14.47	92.65 6.57 0.00	87.58 5.61 -1.53	97.82 6.19 0.00	88.65 5.15 0.00	86.73 5.25 0.00	99.52 5.97 0.00	116.64 7.36 0.00	95.93 6.23 0.00	136.43 7.96 -27.35	120.57 4.51 -59.25	173.59 3.61 -123.23	120.92 8.08 0.00	106.44 6.61 0.00	70.68 4.15 -1.02	78.76 3.99 0.00
LIGHTHSE_115KV_TB6 355974	137.53 -2.63 0.00	64.51 -1.04 0.00	123.79 -1.60 0.00	163.30 -2.05 0.00	140.21 -1.45 0.00	172.37 -0.98 0.00	115.96 -0.06 0.00	108.34 -0.88 -1.80	109.08 -1.08 -1.06	85.29 -0.79 0.00	79.95 -0.59 -0.11	90.71 -0.91 0.00	82.08 -1.42 0.00	79.84 -1.64 0.00	92.06 -1.49 0.00	108.09 -1.19 0.00	88.82 -0.87 0.00	101.55 -1.57 -2.00	60.10 -1.05 -4.34	55.01 -0.78 -9.03	110.62 -2.22 0.00	97.56 -2.27 0.00	63.80 -1.79 -0.07	72.38 -2.39 0.00
LINDEN COGEN____ 23786	147.84 7.68 0.00	68.80 3.24 0.00	130.52 5.14 0.00	170.28 4.93 0.00	146.16 4.50 0.00	181.10 7.75 0.00	123.18 7.16 0.00	140.17 7.26 -25.49	131.96 7.83 -15.03	92.56 6.48 0.00	85.89 5.45 -0.01	94.97 5.93 2.58	86.80 4.94 1.64	86.53 5.04 0.00	99.25 5.69 0.00	116.34 7.06 0.00	93.87 6.03 1.86	128.08 7.81 -19.14	122.77 4.41 -61.54	178.08 3.43 -127.90	120.49 7.65 0.00	106.00 6.17 0.00	70.41 3.84 -1.06	78.28 3.51 0.00
LINDHRST_69_KV_BK1 356055	156.38 11.97 -4.25	121.04 5.44 -50.05	135.26 9.30 -0.58	175.20 9.85 0.00	150.56 8.90 0.00	186.02 12.67 0.00	127.67 10.58 -1.06	142.45 9.56 -25.48	141.38 11.13 -21.15	97.11 8.83 -2.21	89.74 7.68 -1.63	100.39 8.55 -0.21	90.53 6.99 -0.04	88.44 6.96 0.00	101.90 8.34 0.00	177.13 11.01 -56.84	98.48 8.77 -0.02	140.67 11.15 -28.40	124.63 6.29 -61.53	188.51 5.08 -136.67	132.81 11.54 -8.43	109.40 9.58 0.00	85.23 6.31 -13.41	90.96 6.33 -9.86
LIPA_MISC_IPP 23656	156.25 11.84 -4.25	121.00 5.39 -50.05	135.23 9.27 -0.58	174.86 9.51 0.00	150.20 8.54 0.00	185.56 12.21 0.00	126.96 9.88 -1.06	141.46 8.57 -25.48	141.16 10.91 -21.15	96.84 8.56 -2.21	89.42 7.40 -1.59	99.78 8.16 0.00	90.03 6.53 0.00	87.96 6.48 0.00	101.69 8.13 0.00	177.23 11.11 -56.84	98.34 8.63 -0.02	140.71 11.18 -28.40	124.51 6.17 -61.53	188.35 4.93 -136.67	132.59 11.32 -8.43	109.37 9.54 0.00	85.42 6.49 -13.41	91.15 6.52 -9.86
LISF__SOLAR 323691	156.56 12.15 -4.25	121.15 5.55 -50.05	135.52 9.57 -0.58	175.20 9.85 0.00	150.49 8.83 0.00	185.86 12.51 0.00	127.20 10.12 -1.06	141.70 8.81 -25.48	141.42 11.17 -21.15	97.00 8.72 -2.21	89.51 7.49 -1.59	99.92 8.29 0.00	90.11 6.61 0.00	88.04 6.56 0.00	101.86 8.30 0.00	177.48 11.36 -56.84	98.56 8.85 -0.02	140.99 11.47 -28.40	124.65 6.32 -61.53	188.46 5.03 -136.67	132.92 11.65 -8.43	109.60 9.77 0.00	85.56 6.63 -13.41	91.30 6.66 -9.86

LITTLE FALLS___HYD 24013	148.24 8.08 0.00	68.97 3.41 0.00	131.24 5.86 0.00	170.76 5.40 0.00	147.05 5.39 0.00	182.52 9.17 0.00	124.75 8.73 0.00	115.74 8.32 0.00	116.36 7.26 0.00	90.43 4.35 0.00	83.75 3.32 0.00	94.48 2.85 0.00	86.00 2.50 0.00	85.40 3.93 0.00	97.46 3.90 0.00	115.00 5.73 0.00	95.67 5.97 0.00	109.23 8.11 0.00	61.50 4.69 0.00	50.57 3.82 0.00	121.07 8.24 0.00	106.42 6.60 0.00	69.99 4.47 0.00	79.32 4.55 0.00
LITTLRIV_115KV_TB1 356100	142.14 1.98 0.00	66.72 1.16 0.00	128.42 3.04 0.00	171.48 6.13 0.00	146.03 4.37 0.00	175.65 2.30 0.00	116.14 0.12 0.00	107.22 -0.19 0.00	108.15 -0.95 0.00	85.68 -0.40 0.00	80.89 0.46 0.00	92.84 1.22 0.00	84.82 1.32 0.00	82.57 1.09 0.00	95.16 1.60 0.00	110.12 0.84 0.00	90.33 0.63 0.00	101.11 -0.02 0.00	56.60 -0.21 0.00	46.70 -0.06 0.00	113.17 0.33 0.00	100.62 0.79 0.00	66.32 0.81 0.00	76.68 1.91 0.00
LI_NEWBRDGE___DRP 323616	153.99 9.58 -4.25	119.91 4.30 -50.05	133.12 7.17 -0.58	172.63 7.27 0.00	148.39 6.73 0.00	183.26 9.91 0.00	125.61 8.52 -1.06	140.74 7.84 -25.48	139.29 9.04 -21.15	95.61 7.33 -2.21	88.47 6.41 -1.63	98.97 7.13 -0.21	89.35 5.81 -0.04	87.30 5.81 0.00	100.46 6.90 0.00	175.00 8.88 -56.84	96.87 7.16 -0.02	138.67 9.15 -28.40	123.53 5.20 -61.53	187.60 4.18 -136.67	130.64 9.37 -8.43	107.55 7.72 0.00	83.97 5.05 -13.41	89.59 4.96 -9.86
LOCKPORT_115KV_TB60_63_64 80432	128.47 -11.69 0.00	60.01 -5.55 0.00	114.75 -10.63 0.00	150.86 -14.49 0.00	129.32 -12.34 0.00	160.24 -13.11 0.00	107.14 -8.88 0.00	100.86 -10.34 -3.78	101.36 -9.99 -2.25	78.11 -7.97 0.00	72.09 -8.68 -0.34	81.25 -10.41 -0.03	74.24 -9.27 -0.02	71.30 -10.21 -0.03	82.35 -11.21 -0.01	95.38 -13.90 0.00	78.17 -11.50 0.02	78.21 -12.58 10.33	44.66 -7.03 5.12	39.66 -5.83 1.27	45.40 -14.09 53.34	49.85 -12.66 37.32	43.48 -7.72 14.31	65.20 -8.77 0.81
LOCKPORT___CC1 323769	127.81 -12.35 0.00	59.73 -5.83 0.00	114.21 -11.17 0.00	150.13 -15.22 0.00	128.63 -13.03 0.00	159.48 -13.87 0.00	106.64 -9.38 0.00	100.40 -10.83 -3.81	100.78 -10.47 -2.16	77.73 -8.35 0.00	71.20 -9.02 0.21	80.72 -10.77 0.12	73.80 -9.63 0.07	70.87 -10.50 0.11	81.89 -11.63 0.04	94.92 -14.35 0.01	77.88 -11.79 0.02	77.17 -13.03 10.92	43.90 -7.26 5.65	38.84 -6.00 1.91	43.44 -14.60 54.80	48.52 -13.04 38.26	42.80 -8.00 14.71	64.91 -9.04 0.82
LOCKPORT___CC2 323770	127.81 -12.35 0.00	59.73 -5.83 0.00	114.21 -11.17 0.00	150.13 -15.22 0.00	128.63 -13.03 0.00	159.48 -13.87 0.00	106.64 -9.38 0.00	100.40 -10.83 -3.81	100.78 -10.47 -2.16	77.73 -8.35 0.00	71.20 -9.02 0.21	80.72 -10.77 0.12	73.80 -9.63 0.07	70.87 -10.50 0.11	81.89 -11.63 0.04	94.92 -14.35 0.01	77.88 -11.79 0.02	77.17 -13.03 10.92	43.90 -7.26 5.65	38.84 -6.00 1.91	43.44 -14.60 54.80	48.52 -13.04 38.26	42.80 -8.00 14.71	64.91 -9.04 0.82
LOCKPORT___CC3 323771	127.81 -12.35 0.00	59.73 -5.83 0.00	114.21 -11.17 0.00	150.13 -15.22 0.00	128.63 -13.03 0.00	159.48 -13.87 0.00	106.64 -9.38 0.00	100.40 -10.83 -3.81	100.78 -10.47 -2.16	77.73 -8.35 0.00	71.20 -9.02 0.21	80.72 -10.77 0.12	73.80 -9.63 0.07	70.87 -10.50 0.11	81.89 -11.63 0.04	94.92 -14.35 0.01	77.88 -11.79 0.02	77.17 -13.03 10.92	43.90 -7.26 5.65	38.84 -6.00 1.91	43.44 -14.60 54.80	48.52 -13.04 38.26	42.80 -8.00 14.71	64.91 -9.04 0.82
LONG_LAKE_PHOENIX 24014	136.27 -3.89 0.00	63.75 -1.81 0.00	121.64 -3.75 0.00	159.93 -5.42 0.00	137.36 -4.30 0.00	168.91 -4.44 0.00	113.66 -2.37 0.00	107.10 -2.33 -2.02	108.02 -2.27 -1.19	84.05 -2.03 0.00	78.45 -2.10 -0.13	89.04 -2.59 0.00	81.02 -2.48 0.00	78.94 -2.54 0.00	90.70 -2.85 0.00	106.19 -3.09 0.00	87.22 -2.47 0.00	100.72 -2.65 -2.25	60.23 -1.46 -4.87	55.66 -1.24 -10.14	109.47 -3.37 0.00	96.52 -3.31 0.00	63.37 -2.22 -0.08	72.04 -2.73 0.00
LOVETT___3 23632	147.47 7.31 0.00	68.70 3.14 0.00	130.45 5.07 0.00	170.34 4.99 0.00	146.34 4.68 0.00	181.00 7.65 0.00	122.94 6.92 0.00	138.92 6.88 -24.63	131.00 7.37 -14.53	92.13 6.06 0.00	87.09 5.13 -1.54	97.27 5.65 0.00	88.17 4.67 0.00	86.25 4.77 0.00	98.96 5.41 0.00	115.97 6.70 0.00	95.36 5.67 0.00	135.91 7.33 -27.45	120.44 4.15 -59.48	173.76 3.31 -123.70	120.19 7.35 0.00	105.81 5.99 0.00	70.31 3.77 -1.03	78.34 3.57 0.00
LOVETT___4 23642	147.47 7.31 0.00	68.70 3.14 0.00	130.45 5.07 0.00	170.34 4.99 0.00	146.34 4.68 0.00	181.00 7.65 0.00	122.94 6.92 0.00	138.92 6.88 -24.63	131.00 7.37 -14.53	92.13 6.06 0.00	87.09 5.13 -1.54	97.27 5.65 0.00	88.17 4.67 0.00	86.25 4.77 0.00	98.96 5.41 0.00	115.97 6.70 0.00	95.36 5.67 0.00	135.91 7.33 -27.45	120.44 4.15 -59.48	173.76 3.31 -123.70	120.19 7.35 0.00	105.81 5.99 0.00	70.31 3.77 -1.03	78.34 3.57 0.00
LOVETT___5 23593	147.47 7.31 0.00	68.70 3.14 0.00	130.45 5.07 0.00	170.34 4.99 0.00	146.34 4.68 0.00	181.00 7.65 0.00	122.94 6.92 0.00	138.92 6.88 -24.63	131.00 7.37 -14.53	92.13 6.06 0.00	87.09 5.13 -1.54	97.27 5.65 0.00	88.17 4.67 0.00	86.25 4.77 0.00	98.96 5.41 0.00	115.97 6.70 0.00	95.36 5.67 0.00	135.91 7.33 -27.45	120.44 4.15 -59.48	173.76 3.31 -123.70	120.19 7.35 0.00	105.81 5.99 0.00	70.31 3.77 -1.03	78.34 3.57 0.00
LOWER RAQUET___HYD 24057	140.25 0.09 0.00	65.85 0.29 0.00	126.77 1.39 0.00	169.26 3.91 0.00	143.97 2.31 0.00	173.33 -0.02 0.00	114.61 -1.41 0.00	105.73 -1.68 0.00	106.68 -2.42 0.00	84.72 -1.36 0.00	80.01 -0.41 0.00	91.84 0.21 0.00	83.77 0.27 0.00	81.60 0.12 0.00	94.09 0.54 0.00	109.04 -0.23 0.00	89.16 -0.53 0.00	99.64 -1.48 0.00	55.75 -1.06 0.00	46.00 -0.76 0.00	111.47 -1.37 0.00	99.23 -0.60 0.00	65.38 -0.13 0.00	75.62 0.86 0.00
LOWER___HUDSON 24059	147.53 7.37 0.00	69.00 3.45 0.00	131.66 6.28 0.00	172.23 6.88 0.00	147.64 5.98 0.00	181.74 8.39 0.00	122.56 6.53 0.00	145.04 6.08 -31.55	133.85 6.15 -18.61	90.89 4.81 0.00	86.74 4.34 -1.97	96.41 4.78 0.00	87.54 4.05 0.00	85.72 4.23 0.00	98.30 4.75 0.00	114.69 5.42 0.00	94.21 4.51 0.00	141.86 5.59 -35.16	136.23 3.26 -76.17	207.82 2.65 -158.41	119.08 6.24 0.00	105.20 5.37 0.00	70.38 3.55 -1.32	78.55 3.78 0.00
LOWVILLE_115KV_TB2 356335	140.90 0.74 0.00	66.74 1.18 0.00	129.34 3.96 0.00	171.71 6.36 0.00	147.87 6.21 0.00	181.08 7.73 0.00	121.07 5.05 0.00	111.29 3.00 -0.87	111.89 2.27 -0.52	88.47 2.39 0.00	83.95 3.47 -0.06	95.34 3.72 0.00	85.35 1.86 0.00	82.88 1.40 0.00	96.17 2.62 0.00	113.48 4.21 0.00	93.02 3.33 0.00	103.65 1.55 -0.98	59.31 0.38 -2.11	51.83 0.68 -4.39	114.14 1.30 0.00	101.11 1.28 0.00	65.83 0.29 -0.04	74.58 -0.19 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	149.82 9.66 0.00	70.01 4.45 0.00	133.66 8.27 0.00	174.92 9.57 0.00	149.85 8.19 0.00	184.36 11.01 0.00	124.37 8.35 0.00	147.15 7.61 -32.12	135.48 7.44 -18.95	91.62 5.54 0.00	87.25 4.82 -2.01	96.76 5.14 0.00	87.95 4.46 0.00	86.15 4.67 0.00	98.78 5.22 0.00	115.71 6.43 0.00	95.24 5.55 0.00	143.85 6.93 -35.80	138.39 4.02 -77.56	211.34 3.28 -161.30	120.39 7.56 0.00	106.28 6.45 0.00	70.97 4.12 -1.34	79.14 4.37 0.00

LUTHERNY_35_KV_BK2 355980	149.89 9.73 0.00	70.03 4.48 0.00	133.85 8.47 0.00	175.05 9.70 0.00	149.98 8.32 0.00	184.44 11.09 0.00	124.45 8.43 0.00	147.21 7.67 -32.12	135.50 7.45 -18.95	91.68 5.61 0.00	87.27 4.84 -2.01	96.79 5.17 0.00	87.97 4.47 0.00	86.17 4.69 0.00	98.90 5.35 0.00	115.80 6.53 0.00	95.26 5.57 0.00	143.91 6.99 -35.80	138.45 4.08 -77.56	211.39 3.33 -161.30	120.48 7.64 0.00	106.31 6.49 0.00	71.00 4.15 -1.34	79.21 4.45 0.00
LWR___OSWEGATCHIE_HYD 23850	140.45 0.29 0.00	66.21 0.65 0.00	127.90 2.52 0.00	170.26 4.91 0.00	145.64 3.98 0.00	176.73 3.38 0.00	117.65 1.63 0.00	108.48 0.41 -0.65	109.21 -0.28 -0.38	86.45 0.37 0.00	81.86 1.40 -0.04	93.38 1.76 0.00	84.34 0.84 0.00	82.03 0.55 0.00	94.88 1.33 0.00	110.95 1.68 0.00	90.83 1.14 0.00	101.62 -0.22 -0.73	57.89 -0.49 -1.57	49.87 -0.15 -3.26	112.53 -0.31 0.00	99.94 0.12 0.00	65.51 -0.03 -0.03	75.01 0.24 0.00
LYONS_FALL_HYD 23570	142.36 2.20 0.00	67.09 1.53 0.00	129.32 3.94 0.00	171.16 5.81 0.00	147.24 5.58 0.00	180.60 7.25 0.00	121.10 5.08 0.00	111.95 3.72 -0.82	112.88 3.30 -0.48	88.96 2.88 0.00	83.84 3.36 -0.05	95.19 3.56 0.00	85.75 2.25 0.00	83.40 1.92 0.00	96.36 2.80 0.00	113.40 4.12 0.00	93.11 3.41 0.00	104.61 2.57 -0.92	59.92 1.13 -1.98	52.02 1.15 -4.12	115.26 2.42 0.00	101.94 2.11 0.00	66.54 0.99 -0.03	75.46 0.69 0.00
MADISON___COUNTY_LFGE 323628	143.82 3.66 0.00	67.35 1.79 0.00	128.93 3.55 0.00	169.90 4.54 0.00	146.05 4.39 0.00	179.96 6.61 0.00	121.30 5.28 0.00	113.70 4.83 -1.45	114.87 4.91 -0.86	89.47 3.39 0.00	83.31 2.79 -0.09	94.34 2.72 0.00	85.79 2.29 0.00	83.62 2.14 0.00	95.98 2.43 0.00	112.79 3.52 0.00	92.91 3.21 0.00	106.43 3.67 -1.63	62.29 1.98 -3.50	55.64 1.59 -7.29	116.22 3.39 0.00	102.50 2.67 0.00	67.15 1.58 -0.06	76.21 1.44 0.00
MALONE___115KV_TB1 356076	140.34 0.18 0.00	65.81 0.26 0.00	127.14 1.76 0.00	169.71 4.36 0.00	144.39 2.73 0.00	175.78 2.43 0.00	116.69 0.67 0.00	107.79 0.37 0.00	108.68 -0.42 0.00	85.72 -0.36 0.00	80.90 0.47 0.00	93.08 1.46 0.00	84.92 1.42 0.00	83.14 1.67 0.00	96.24 2.68 0.00	112.09 2.82 0.00	91.62 1.92 0.00	102.18 1.06 0.00	57.28 0.47 0.00	47.15 0.39 0.00	113.62 0.78 0.00	100.68 0.86 0.00	65.89 0.38 0.00	76.39 1.62 0.00
MAPLEWOD_115KV_TB3 80458	146.75 6.59 0.00	68.63 3.08 0.00	130.95 5.57 0.00	171.41 6.06 0.00	147.03 5.37 0.00	180.71 7.36 0.00	121.65 5.63 0.00	144.07 5.29 -31.36	133.07 5.48 -18.50	90.49 4.41 0.00	86.56 4.18 -1.96	96.17 4.55 0.00	87.40 3.90 0.00	85.51 4.03 0.00	97.82 4.26 0.00	113.86 4.59 0.00	93.61 3.91 0.00	140.86 4.79 -34.95	135.30 2.76 -75.73	206.49 2.24 -157.49	118.18 5.34 0.00	104.51 4.68 0.00	70.10 3.28 -1.31	78.32 3.55 0.00
MAPLE_RIDGE_WT_1 323574	138.21 -1.95 0.00	64.84 -0.72 0.00	124.82 -0.56 0.00	165.55 0.20 0.00	141.72 0.06 0.00	172.28 -1.07 0.00	113.97 -2.05 0.00	105.01 -2.40 0.00	106.60 -2.50 0.00	84.50 -1.57 0.00	79.62 -0.81 0.00	90.88 -0.74 0.00	82.52 -0.98 0.00	80.61 -0.87 0.00	93.04 -0.52 0.00	108.74 -0.53 0.00	88.66 -1.03 0.00	99.07 -2.06 0.00	55.57 -1.24 0.00	45.77 -0.99 0.00	110.44 -2.40 0.00	97.82 -2.01 0.00	64.02 -1.49 0.00	73.15 -1.62 0.00
MAPLE_RIDGE_WT_2 323611	138.21 -1.95 0.00	64.84 -0.72 0.00	124.82 -0.56 0.00	165.55 0.20 0.00	141.72 0.06 0.00	172.28 -1.07 0.00	113.97 -2.05 0.00	105.01 -2.40 0.00	106.60 -2.50 0.00	84.50 -1.57 0.00	79.62 -0.81 0.00	90.88 -0.74 0.00	82.52 -0.98 0.00	80.61 -0.87 0.00	93.04 -0.52 0.00	108.74 -0.53 0.00	88.66 -1.03 0.00	99.07 -2.06 0.00	55.57 -1.24 0.00	45.77 -0.99 0.00	110.44 -2.40 0.00	97.82 -2.01 0.00	64.02 -1.49 0.00	73.15 -1.62 0.00
MARBLE_RIVER_WT_PWR 323696	136.24 -3.92 0.00	63.90 -1.66 0.00	123.60 -1.78 0.00	165.00 -0.35 0.00	140.32 -1.34 0.00	171.40 -1.95 0.00	113.50 -2.53 0.00	105.02 -2.39 0.00	105.76 -3.33 0.00	83.23 -2.85 0.00	78.56 -1.86 0.00	90.50 -1.12 0.00	82.56 -0.94 0.00	81.09 -0.39 0.00	94.07 0.52 0.00	109.94 0.67 0.00	89.85 0.16 0.00	100.00 -1.13 0.00	55.98 -0.83 0.00	46.05 -0.70 0.00	111.08 -1.76 0.00	98.00 -1.82 0.00	64.14 -1.37 0.00	74.64 -0.13 0.00
MARSHVLE_115KV_TB1 80742	147.82 7.66 0.00	69.11 3.56 0.00	132.26 6.88 0.00	174.58 9.23 0.00	150.27 8.61 0.00	184.95 11.60 0.00	124.68 8.66 0.00	151.35 7.90 -36.04	136.95 6.59 -21.26	90.02 3.94 0.00	85.33 2.66 -2.25	94.70 3.08 0.00	86.88 3.38 0.00	85.44 3.96 -0.01	98.26 4.70 0.00	115.77 6.50 0.00	95.88 6.19 0.00	148.69 7.40 -40.16	147.96 4.13 -87.02	231.10 3.36 -180.99	120.25 7.41 0.00	105.96 6.13 0.00	70.89 3.87 -1.50	78.75 3.99 0.00
MARSH_HILL_WT_PWR 323713	134.50 -5.66 0.00	62.70 -2.85 0.00	119.95 -5.43 0.00	156.21 -9.14 0.00	133.80 -7.86 0.00	164.51 -8.84 0.00	112.09 -3.93 0.00	108.86 -3.79 -5.23	110.43 -1.75 -3.08	83.95 -2.13 0.00	78.31 -2.45 -0.33	88.37 -3.25 0.00	80.96 -2.54 0.00	77.90 -3.58 0.00	89.35 -4.20 0.00	103.48 -5.80 0.00	84.03 -5.76 -0.09	102.74 -7.82 -9.43	66.72 -4.97 -14.88	61.15 -4.77 -19.17	-2.63 -4.77 104.24	8.98 -10.52 80.32	37.12 -7.30 21.09	64.33 -8.13 2.31
MCINTYRE_115KV_TB2 80467	143.05 2.89 0.00	67.13 1.57 0.00	129.23 3.85 0.00	172.64 7.29 0.00	147.14 5.49 0.00	177.37 4.02 0.00	117.21 1.19 0.00	108.34 0.92 0.00	109.21 0.11 0.00	86.31 0.23 0.00	81.31 0.89 0.00	93.36 1.74 0.00	85.37 1.87 0.00	83.07 1.60 0.00	95.69 2.14 0.00	110.79 1.51 0.00	91.15 1.46 0.00	102.29 1.17 0.00	57.29 0.48 0.00	47.23 0.47 0.00	114.58 1.74 0.00	101.72 1.89 0.00	66.92 1.41 0.00	77.29 2.52 0.00
MECO_____69_KV_BK1 80468	150.61 10.45 0.00	70.35 4.80 0.00	134.44 9.06 0.00	177.02 11.67 0.00	152.18 10.52 0.00	187.56 14.21 0.00	126.73 10.71 0.00	152.06 9.95 -34.69	138.25 8.69 -20.46	91.27 5.19 0.00	86.24 3.65 -2.17	95.57 3.95 0.00	87.59 4.10 0.00	86.48 5.00 -0.01	98.88 5.32 0.00	117.21 7.94 0.00	97.36 7.66 0.00	149.17 9.38 -38.66	145.90 5.32 -83.77	225.29 4.31 -174.22	122.63 9.79 0.00	107.99 8.16 0.00	72.06 5.10 -1.45	80.09 5.32 0.00
MENANDS___115KV_TB5 355628	145.95 5.79 0.00	68.28 2.73 0.00	130.27 4.89 0.00	170.56 5.21 0.00	146.22 4.56 0.00	179.56 6.21 0.00	120.75 4.73 0.00	143.16 4.45 -31.29	132.20 4.64 -18.46	89.90 3.82 0.00	86.20 3.82 -1.96	95.78 4.16 0.00	87.06 3.56 0.00	85.12 3.63 0.00	97.36 3.81 0.00	113.06 3.78 0.00	92.88 3.19 0.00	139.99 3.99 -34.87	134.72 2.35 -75.56	205.82 1.90 -157.16	117.40 4.57 0.00	103.92 4.09 0.00	69.77 2.96 -1.31	78.02 3.25 0.00
MG INDUSTRY___DRP 24185	149.42 9.26 0.00	69.92 4.36 0.00	133.57 8.19 0.00	175.10 9.75 0.00	150.16 8.50 0.00	184.21 10.86 0.00	123.61 7.58 0.00	144.58 6.82 -30.35	133.25 6.25 -17.90	89.90 3.83 0.00	86.47 4.15 -1.90	95.43 3.80 0.00	86.71 3.21 0.00	84.80 3.32 0.00	96.73 3.17 0.00	113.16 3.89 0.00	94.33 4.63 0.00	140.91 5.96 -33.82	133.61 3.52 -73.27	202.03 2.88 -152.39	119.78 6.94 0.00	106.01 6.18 0.00	71.12 4.34 -1.27	79.83 5.06 0.00

MID___OSWEGATCHIE_HYD 23849	140.45 0.29 0.00	66.21 0.65 0.00	127.90 2.52 0.00	170.26 4.91 0.00	145.64 3.98 0.00	176.73 3.38 0.00	117.65 1.63 0.00	108.48 0.41 -0.65	109.21 -0.28 -0.38	86.45 0.37 0.00	81.86 1.40 -0.04	93.38 1.76 0.00	84.34 0.84 0.00	82.03 0.55 0.00	94.88 1.33 0.00	110.95 1.68 0.00	90.83 1.14 0.00	101.62 -0.22 -0.73	57.89 -0.49 -1.57	49.87 -0.15 -3.26	112.53 -0.31 0.00	99.94 0.12 0.00	65.51 -0.03 -0.03	75.01 0.24 0.00
MID___RAQUETTE_HYD 23851	140.25 0.09 0.00	65.85 0.29 0.00	126.77 1.39 0.00	169.26 3.91 0.00	143.97 2.31 0.00	173.33 -0.02 0.00	114.61 -1.41 0.00	105.73 -1.69 0.00	106.68 -2.42 0.00	84.72 -1.35 0.00	80.01 -0.41 0.00	91.84 0.21 0.00	83.77 0.27 0.00	81.60 0.12 0.00	94.09 0.54 0.00	109.04 -0.23 0.00	89.16 -0.54 0.00	99.59 -1.53 0.00	55.75 -1.06 0.00	46.00 -0.76 0.00	111.46 -1.38 0.00	99.23 -0.60 0.00	65.38 -0.13 0.00	75.61 0.84 0.00
MILLIKEN___1 23584	141.68 1.53 0.00	66.09 0.54 0.00	126.16 0.78 0.00	165.79 0.44 0.00	142.64 0.98 0.00	175.61 2.26 0.00	118.53 2.51 0.00	114.78 2.26 -5.11	114.79 2.68 -3.01	87.75 1.67 0.00	81.39 0.64 -0.32	91.92 0.29 0.00	83.95 0.45 0.00	81.79 0.32 0.00	93.86 0.31 0.00	110.40 1.12 0.00	90.89 1.19 -0.01	140.88 1.55 -38.21	102.47 0.88 -44.78	124.32 0.58 -76.98	287.35 0.67 -173.84	224.46 0.01 -124.62	108.96 -0.15 -43.61	77.24 -0.44 -2.92
MILLIKEN___2 23585	141.68 1.53 0.00	66.09 0.54 0.00	126.16 0.78 0.00	165.79 0.44 0.00	142.64 0.98 0.00	175.61 2.26 0.00	118.53 2.51 0.00	114.78 2.26 -5.11	114.79 2.68 -3.01	87.75 1.67 0.00	81.39 0.64 -0.32	91.92 0.29 0.00	83.95 0.45 0.00	81.79 0.32 0.00	93.86 0.31 0.00	110.40 1.12 0.00	90.89 1.19 -0.01	140.88 1.55 -38.21	102.47 0.88 -44.78	124.32 0.58 -76.98	287.35 0.67 -173.84	224.46 0.01 -124.62	108.96 -0.15 -43.61	77.24 -0.44 -2.92
MILLIKEN___DIESEL 23629	141.68 1.53 0.00	66.09 0.54 0.00	126.16 0.78 0.00	165.79 0.44 0.00	142.64 0.98 0.00	175.61 2.26 0.00	118.53 2.51 0.00	114.78 2.26 -5.11	114.79 2.68 -3.01	87.75 1.67 0.00	81.39 0.64 -0.32	91.92 0.29 0.00	83.95 0.45 0.00	81.79 0.32 0.00	93.86 0.31 0.00	110.40 1.12 0.00	90.89 1.19 -0.01	140.88 1.55 -38.21	102.47 0.88 -44.78	124.32 0.58 -76.98	287.35 0.67 -173.84	224.46 0.01 -124.62	108.96 -0.15 -43.61	77.24 -0.44 -2.92
MILLSEAT___LFGE 323607	132.40 -7.76 0.00	61.77 -3.79 0.00	118.05 -7.33 0.00	155.20 -10.15 0.00	133.10 -8.55 0.00	165.06 -8.29 0.00	110.77 -5.25 0.00	104.40 -6.67 -3.65	104.85 -6.42 -2.17	80.68 -5.40 0.00	74.43 -6.32 -0.32	83.95 -7.69 -0.03	76.67 -6.84 -0.02	73.70 -7.80 -0.02	85.25 -8.31 -0.01	99.06 -10.21 0.00	81.33 -8.35 0.02	83.27 -8.94 8.91	47.96 -4.93 3.92	42.70 -4.12 -0.06	53.27 -10.22 49.35	55.83 -9.38 34.62	46.64 -5.76 13.11	67.38 -6.63 0.75
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	148.15 7.99 0.00	69.01 3.45 0.00	131.03 5.65 0.00	171.15 5.80 0.00	146.99 5.33 0.00	181.80 8.45 0.00	123.52 7.50 0.00	140.13 7.38 -25.33	132.00 7.96 -14.94	92.56 6.48 0.00	87.63 5.62 -1.58	97.78 6.16 0.00	88.63 5.13 0.00	86.69 5.21 0.00	99.49 5.93 0.00	116.57 7.30 0.00	95.80 6.11 0.00	137.17 7.81 -28.24	122.44 4.45 -61.18	177.54 3.54 -127.24	120.74 7.90 0.00	106.36 6.53 0.00	70.69 4.12 -1.06	78.73 3.96 0.00
MILLWOOD_13_KV_LOAD 356217	148.39 8.23 0.00	69.12 3.56 0.00	131.24 5.86 0.00	171.38 6.03 0.00	147.19 5.53 0.00	182.05 8.70 0.00	123.72 7.70 0.00	140.34 7.59 -25.33	132.19 8.15 -14.94	92.71 6.63 0.00	87.72 5.71 -1.58	97.91 6.29 0.00	88.74 5.24 0.00	86.80 5.31 0.00	99.61 6.06 0.00	116.73 7.46 0.00	95.96 6.26 0.00	137.36 8.00 -28.24	122.55 4.56 -61.18	177.63 3.64 -127.24	120.94 8.10 0.00	106.51 6.69 0.00	70.81 4.24 -1.06	78.85 4.08 0.00
MODEL_CITY_ENERGY 24167	127.55 -12.61 0.00	59.57 -5.99 0.00	113.96 -11.43 0.00	149.78 -15.57 0.00	128.43 -13.22 0.00	159.11 -14.24 0.00	106.20 -9.82 0.00	100.01 -11.26 -3.86	100.52 -10.87 -2.29	77.45 -8.63 0.00	71.43 -9.30 -0.30	80.49 -11.15 -0.02	73.57 -9.94 -0.01	70.66 -10.83 -0.02	81.56 -12.00 0.00	94.33 -14.95 0.00	77.23 -12.45 0.02	76.68 -13.58 10.86	43.76 -7.53 5.52	38.96 -6.19 1.61	43.03 -15.03 54.78	48.07 -13.41 38.35	42.46 -8.20 14.86	64.52 -9.41 0.83
MODERN_LFGE___ 323580	127.55 -12.61 0.00	59.57 -5.99 0.00	113.96 -11.43 0.00	149.78 -15.57 0.00	128.43 -13.22 0.00	159.11 -14.24 0.00	106.20 -9.82 0.00	100.01 -11.26 -3.86	100.52 -10.87 -2.29	77.45 -8.63 0.00	71.43 -9.30 -0.30	80.49 -11.15 -0.02	73.57 -9.94 -0.01	70.66 -10.83 -0.02	81.56 -12.00 0.00	94.33 -14.95 0.00	77.23 -12.45 0.02	76.68 -13.58 10.86	43.76 -7.53 5.52	38.96 -6.19 1.61	43.03 -15.03 54.78	48.07 -13.41 38.35	42.46 -8.20 14.86	64.52 -9.41 0.83
MOHAWK_PAPER___DRP 24187	146.75 6.59 0.00	68.63 3.08 0.00	130.95 5.57 0.00	171.41 6.06 0.00	147.03 5.37 0.00	180.71 7.36 0.00	121.65 5.63 0.00	144.07 5.29 -31.36	133.07 5.48 -18.50	90.49 4.41 0.00	86.56 4.18 -1.96	96.17 4.55 0.00	87.40 3.90 0.00	85.51 4.03 0.00	97.82 4.26 0.00	113.86 4.59 0.00	93.61 3.91 0.00	140.86 4.79 -34.95	135.30 2.76 -75.73	206.49 2.24 -157.49	118.18 5.34 0.00	104.51 4.68 0.00	70.10 3.28 -1.31	78.32 3.55 0.00
MOHICAN___35_KV_115KV_LD 80490	153.09 12.92 0.00	71.49 5.93 0.00	136.31 10.93 0.00	178.11 12.76 0.00	152.46 10.80 0.00	187.48 14.14 0.00	126.71 10.68 0.00	148.90 9.35 -32.13	136.86 8.81 -18.95	92.33 6.25 0.00	87.92 5.48 -2.01	97.18 5.56 0.00	88.19 4.69 0.00	86.58 5.09 0.00	99.28 5.72 0.00	116.55 7.28 0.00	96.00 6.31 0.00	145.04 8.10 -35.81	139.15 4.75 -77.59	212.00 3.88 -161.37	121.74 8.90 0.00	107.39 7.56 0.00	71.57 4.71 -1.34	79.75 4.98 0.00
MONGAUP___HYD 23641	148.27 8.11 0.00	69.06 3.50 0.00	131.40 6.02 0.00	171.87 6.52 0.00	147.65 5.99 0.00	182.48 9.13 0.00	122.86 6.84 0.00	137.45 6.74 -23.29	129.70 6.86 -13.74	91.66 5.58 0.00	86.28 4.40 -1.46	95.49 3.86 0.00	86.67 3.17 0.00	85.37 3.89 0.00	97.23 3.67 0.00	114.25 4.98 0.00	94.24 4.54 0.00	133.74 6.66 -25.96	117.02 3.97 -56.24	166.96 3.23 -116.97	120.83 7.99 0.00	106.51 6.68 0.00	70.64 4.15 -0.97	78.79 4.02 0.00
MONTAUK___DIESEL 23721	154.68 10.28 -4.25	120.26 4.66 -50.05	133.90 7.95 -0.58	173.10 7.75 0.00	148.61 6.95 0.00	184.01 10.66 0.00	126.10 9.02 -1.06	140.58 7.69 -25.48	140.61 10.36 -21.15	95.91 7.62 -2.21	88.67 6.66 -1.59	99.04 7.42 0.00	89.06 5.56 0.00	86.94 5.46 0.00	100.89 7.33 0.00	178.32 12.21 -56.84	99.87 10.15 -0.02	143.11 13.58 -28.40	125.59 7.26 -61.53	188.70 5.28 -136.67	134.77 13.50 -8.43	112.99 13.16 0.00	87.70 8.77 -13.41	93.49 8.86 -9.86
MOONROAD_115KV_HARTFLD_TB1-2 355988	136.67 -3.49 0.00	63.72 -1.84 0.00	121.98 -3.41 0.00	160.49 -4.86 0.00	137.34 -4.32 0.00	170.63 -2.72 0.00	115.16 -0.86 0.00	109.41 -2.41 -4.41	109.95 -1.75 -2.60	84.66 -1.42 0.00	78.28 -2.42 -0.27	88.27 -3.36 0.00	80.46 -3.04 0.00	76.45 -5.02 0.00	86.34 -7.21 0.00	100.84 -8.43 0.00	82.10 -7.57 0.02	79.53 -8.64 12.95	40.83 -5.95 10.03	21.77 -5.51 19.47	14.35 -13.06 85.43	34.59 -12.42 52.82	39.48 -7.60 18.44	65.33 -8.37 1.08

MORRIS_RIDGE___SOLAR 323848	132.75 -7.40 0.00	62.11 -3.45 0.00	118.80 -6.59 0.00	155.86 -9.49 0.00	133.45 -8.20 0.00	164.47 -8.88 0.00	111.06 -4.97 0.00	107.07 -5.40 -5.06	107.61 -4.47 -2.98	81.69 -4.39 0.00	76.06 -4.68 -0.32	85.79 -5.83 0.00	78.56 -4.94 0.00	75.66 -5.82 0.00	87.12 -6.43 0.00	101.22 -8.05 0.00	82.45 -7.11 0.13	42.24 -8.55 50.33	10.06 -5.05 41.69	-2.62 -4.50 44.88	-32.10 -11.25 133.69	0.55 -10.41 88.87	18.91 -6.85 39.75	65.51 -7.74 1.52
MORTIMER_115KV_TB3 55949	134.32 -5.84 0.00	62.73 -2.82 0.00	119.83 -5.55 0.00	157.54 -7.81 0.00	135.20 -6.46 0.00	167.05 -6.30 0.00	112.22 -3.80 0.00	105.98 -4.55 -3.12	106.55 -4.39 -1.84	82.35 -3.73 0.00	76.37 -4.26 -0.20	86.51 -5.11 0.00	78.96 -4.54 0.00	76.33 -5.15 0.00	87.98 -5.58 0.00	102.60 -6.68 0.00	84.20 -5.50 0.00	92.75 -6.18 2.19	55.20 -3.45 -1.84	50.36 -2.90 -6.51	73.58 -7.39 31.87	70.00 -6.91 22.92	53.45 -4.28 7.78	69.43 -4.79 0.54
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	148.86 8.70 0.00	69.30 3.74 0.00	131.41 6.03 0.00	171.48 6.13 0.00	147.30 5.65 0.00	182.39 9.03 0.00	124.03 8.01 0.00	140.87 7.96 -25.49	132.73 8.60 -15.03	93.12 7.04 0.00	88.17 6.11 -1.63	98.57 6.71 -0.23	89.17 5.63 -0.04	87.16 5.68 0.00	99.99 6.44 0.00	117.23 7.95 0.00	96.36 6.67 0.00	138.01 8.47 -28.41	123.17 4.80 -61.55	178.57 3.80 -128.02	121.32 8.48 0.00	106.81 6.99 0.00	70.96 4.39 -1.06	78.96 4.19 0.00
MUNSVILLE_WIND_PWR 323609	145.43 5.27 0.00	67.80 2.24 0.00	129.62 4.24 0.00	171.57 6.22 0.00	148.98 7.32 0.00	187.16 13.81 0.00	128.03 12.01 0.00	126.51 11.22 -7.88	126.40 12.65 -4.64	95.86 9.78 0.00	87.67 6.75 -0.49	98.69 7.07 0.00	89.93 6.44 0.00	88.18 6.70 0.00	102.20 8.64 0.00	120.16 10.89 0.00	98.88 9.18 0.00	137.08 10.42 -25.53	98.10 5.57 -35.72	116.03 3.46 -65.81	206.40 5.91 -87.66	166.42 3.84 -62.76	89.62 1.82 -22.28	77.73 1.50 -1.47
N SALMON___HYD 24042	140.34 0.18 0.00	65.82 0.26 0.00	127.14 1.76 0.00	169.71 4.36 0.00	144.39 2.73 0.00	175.79 2.44 0.00	116.69 0.67 0.00	107.79 0.37 0.00	108.68 -0.42 0.00	85.72 -0.36 0.00	80.90 0.47 0.00	93.08 1.46 0.00	84.92 1.42 0.00	83.14 1.67 0.00	96.24 2.68 0.00	112.09 2.82 0.00	91.62 1.92 0.00	102.22 1.10 0.00	57.29 0.48 0.00	47.15 0.39 0.00	113.62 0.79 0.00	100.70 0.87 0.00	65.89 0.38 0.00	76.40 1.63 0.00
N.AKRON__115KV_KNAPP 355671	131.33 -8.83 0.00	61.30 -4.26 0.00	117.15 -8.23 0.00	154.05 -11.31 0.00	132.09 -9.57 0.00	163.77 -9.58 0.00	109.79 -6.24 0.00	103.41 -7.71 -3.70	103.90 -7.40 -2.20	79.99 -6.09 0.00	73.81 -6.94 -0.33	83.24 -8.40 -0.03	76.02 -7.49 -0.02	73.04 -8.46 -0.02	84.49 -9.07 -0.01	98.01 -11.27 0.00	80.40 -9.27 0.02	81.63 -10.01 9.47	46.82 -5.60 4.39	41.64 -4.65 0.47	50.52 -11.39 50.93	53.78 -10.36 35.69	45.59 -6.34 13.59	66.76 -7.23 0.77
N.BELMOR_69_KV_BK1 55787	154.76 10.35 -4.25	120.25 4.65 -50.05	133.75 7.80 -0.58	173.44 8.09 0.00	149.09 7.43 0.00	184.17 10.82 0.00	126.44 9.36 -1.06	141.52 8.62 -25.48	139.99 9.74 -21.15	96.08 7.79 -2.21	88.87 6.81 -1.63	99.57 7.73 -0.22	89.85 6.32 -0.04	87.70 6.22 0.00	100.86 7.31 0.00	175.59 9.47 -56.84	97.44 7.72 -0.02	139.19 9.67 -28.40	123.87 5.53 -61.53	187.89 4.47 -136.67	131.44 10.17 -8.43	108.17 8.34 0.00	84.40 5.47 -13.41	90.09 5.46 -9.86
N.E_GEN_SANDY PD 24062	144.67 7.46 2.95	122.95 3.41 -53.99	165.55 5.97 -34.19	177.41 6.39 -5.67	147.30 5.64 0.00	136.99 8.30 44.66	130.07 6.95 -7.10	142.72 6.67 -28.63	133.27 6.90 -17.27	91.61 5.53 0.00	87.26 5.05 -1.79	93.81 5.57 3.38	87.70 4.62 0.42	88.10 4.80 -1.82	99.06 5.50 0.00	110.02 6.22 5.47	96.81 5.06 -2.06	139.48 6.44 -31.91	136.34 3.76 -75.77	201.24 3.03 -151.45	126.96 7.02 -7.10	114.33 6.03 -8.48	95.10 3.95 -25.64	117.22 4.06 -38.39
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	147.69 7.53 0.00	68.79 3.23 0.00	130.61 5.22 0.00	170.60 5.25 0.00	146.55 4.89 0.00	181.28 7.93 0.00	123.13 7.11 0.00	139.05 7.05 -24.58	131.19 7.59 -14.50	92.28 6.20 0.00	87.23 5.27 -1.54	97.43 5.80 0.00	88.30 4.81 0.00	86.39 4.91 0.00	99.15 5.59 0.00	116.17 6.90 0.00	95.51 5.82 0.00	136.05 7.53 -27.40	120.43 4.27 -59.35	173.60 3.40 -123.44	120.44 7.60 0.00	106.05 6.22 0.00	70.44 3.91 -1.03	78.49 3.72 0.00
N.QUEENS_27_KV_LOAD 356247	149.24 9.08 0.00	69.34 3.78 0.00	131.36 5.98 0.00	171.25 5.90 0.00	147.27 5.61 0.00	182.49 9.14 0.00	124.28 8.26 0.00	141.21 8.31 -25.49	133.17 9.04 -15.03	93.57 7.49 0.00	88.42 6.35 -1.65	98.91 6.99 -0.30	89.36 5.80 -0.06	87.38 5.90 0.00	100.25 6.70 0.00	117.51 8.23 0.00	96.63 6.94 0.00	138.36 8.83 -28.41	123.34 4.98 -61.55	178.70 3.93 -128.01	121.70 8.87 0.00	107.31 7.48 0.00	71.19 4.62 -1.06	79.00 4.23 0.00
N.TROY___115KV_TB1 355778	147.54 7.38 0.00	69.01 3.45 0.00	131.66 6.28 0.00	172.23 6.88 0.00	147.65 5.99 0.00	181.74 8.39 0.00	122.56 6.54 0.00	145.04 6.08 -31.55	133.85 6.15 -18.61	90.89 4.81 0.00	86.74 4.34 -1.97	96.41 4.79 0.00	87.54 4.05 0.00	85.72 4.24 0.00	98.29 4.74 0.00	114.69 5.41 0.00	94.21 4.51 0.00	141.87 5.59 -35.16	136.24 3.26 -76.17	207.82 2.65 -158.41	119.05 6.21 0.00	105.19 5.36 0.00	70.38 3.56 -1.32	78.55 3.78 0.00
NARROWS_GT1_1 24228	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	90.25 6.56 -3.26	108.14 7.19 -9.32	91.35 6.09 -1.77	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
NARROWS_GT1_2 24229	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	90.25 6.56 -3.26	108.14 7.19 -9.32	91.35 6.09 -1.77	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
NARROWS_GT1_3 24230	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	90.25 6.56 -3.26	108.14 7.19 -9.32	91.35 6.09 -1.77	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
NARROWS_GT1_4 24231	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	90.25 6.56 -3.26	108.14 7.19 -9.32	91.35 6.09 -1.77	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00

NARROWS_GT1_5 24232	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	90.25 6.56 -3.26	108.14 7.19 -9.32	91.35 6.09 -1.77	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
NARROWS_GT1_6 24233	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	90.25 6.56 -3.26	108.14 7.19 -9.32	91.35 6.09 -1.77	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
NARROWS_GT1_7 24234	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	90.25 6.56 -3.26	108.14 7.19 -9.32	91.35 6.09 -1.77	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
NARROWS_GT1_8 24235	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	90.25 6.56 -3.26	108.14 7.19 -9.32	91.35 6.09 -1.77	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
NARROWS_GT2_1 24236	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	89.30 6.56 -2.31	102.80 7.19 -3.99	90.34 6.09 -0.75	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
NARROWS_GT2_2 24237	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	89.30 6.56 -2.31	102.80 7.19 -3.99	90.34 6.09 -0.75	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
NARROWS_GT2_3 24238	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	89.30 6.56 -2.31	102.80 7.19 -3.99	90.34 6.09 -0.75	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
NARROWS_GT2_4 24239	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	89.30 6.56 -2.31	102.80 7.19 -3.99	90.34 6.09 -0.75	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
NARROWS_GT2_5 24240	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	89.30 6.56 -2.31	102.80 7.19 -3.99	90.34 6.09 -0.75	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
NARROWS_GT2_6 24241	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	89.30 6.56 -2.31	102.80 7.19 -3.99	90.34 6.09 -0.75	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
NARROWS_GT2_7 24242	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	89.30 6.56 -2.31	102.80 7.19 -3.99	90.34 6.09 -0.75	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
NARROWS_GT2_8 24243	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	89.30 6.56 -2.31	102.80 7.19 -3.99	90.34 6.09 -0.75	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	149.85 9.69 0.00	70.12 4.56 0.00	133.94 8.56 0.00	175.58 10.23 0.00	150.62 8.96 0.00	184.82 11.46 0.00	124.10 8.07 0.00	144.42 7.38 -29.62	133.79 7.23 -17.47	91.31 5.24 0.00	87.18 4.90 -1.85	96.32 4.70 0.00	87.17 3.67 0.00	85.13 3.65 0.00	97.29 3.73 0.00	113.49 4.22 0.00	94.71 5.02 0.00	140.66 6.53 -33.01	132.18 3.86 -71.50	198.60 3.13 -148.71	120.49 7.65 0.00	106.56 6.74 0.00	71.39 4.64 -1.24	80.12 5.35 0.00
NCHELSEA_115KV_TR2 355582	149.80 9.64 0.00	69.77 4.21 0.00	132.60 7.22 0.00	173.34 7.99 0.00	148.89 7.23 0.00	184.09 10.74 0.00	125.09 9.07 0.00	141.78 8.84 -25.52	133.39 9.24 -15.05	93.44 7.36 0.00	88.43 6.41 -1.59	98.59 6.96 0.00	89.34 5.84 0.00	87.39 5.91 0.00	100.35 6.79 0.00	117.65 8.37 0.00	96.77 7.07 0.00	138.35 8.78 -28.44	123.43 5.00 -61.62	178.94 4.03 -128.15	121.89 9.05 0.00	107.39 7.57 0.00	71.34 4.77 -1.07	79.47 4.70 0.00
NEG CAPITAL___MECHNVIL 23645	149.97 9.80 0.00	70.07 4.51 0.00	133.75 8.37 0.00	175.01 9.66 0.00	149.99 8.33 0.00	184.60 11.25 0.00	124.62 8.60 0.00	147.24 7.88 -31.94	135.71 7.77 -18.84	91.93 5.85 0.00	87.52 5.10 -2.00	97.16 5.54 0.00	88.28 4.78 0.00	86.48 5.00 0.00	99.11 5.56 0.00	116.02 6.75 0.00	95.54 5.85 0.00	143.98 7.26 -35.60	138.15 4.21 -77.13	210.60 3.43 -160.42	120.77 7.93 0.00	106.59 6.76 0.00	71.18 4.33 -1.33	79.36 4.59 0.00

NEG CENTRAL_HIGH_ACRES 23767	133.30 -6.86 0.00	62.29 -3.27 0.00	118.91 -6.47 0.00	156.27 -9.08 0.00	134.18 -7.48 0.00	165.73 -7.62 0.00	111.42 -4.60 0.00	105.39 -5.04 -3.01	105.93 -4.95 -1.78	81.86 -4.22 0.00	75.95 -4.67 -0.19	86.06 -5.56 0.00	78.62 -4.88 0.00	76.15 -5.33 0.00	87.69 -5.87 0.00	102.40 -6.87 0.00	84.05 -5.65 0.00	93.98 -6.39 0.75	56.40 -3.55 -3.14	52.23 -3.00 -8.47	81.97 -7.68 23.18	75.97 -7.18 16.67	55.31 -4.59 5.62	69.17 -5.20 0.40
NEG CENTRAL___DRP 24199	138.49 -1.67 0.00	64.77 -0.78 0.00	123.33 -2.05 0.00	161.86 -3.49 0.00	139.25 -2.41 0.00	171.50 -1.85 0.00	115.74 -0.28 0.00	110.10 -0.63 -3.31	110.87 -0.18 -1.95	85.55 -0.53 0.00	79.37 -1.26 -0.21	89.83 -1.79 0.00	82.17 -1.33 0.00	79.80 -1.68 0.00	91.66 -1.90 0.00	107.37 -1.90 0.00	88.33 -1.38 -0.01	99.31 -1.64 0.17	59.90 -0.87 -3.96	55.01 -0.81 -9.07	76.54 -2.45 33.85	72.25 -2.76 24.81	55.78 -1.94 7.79	71.68 -2.47 0.63
NEG CENTRAL___INDECK 23768	135.19 -4.97 0.00	62.98 -2.58 0.00	120.29 -5.09 0.00	157.55 -7.80 0.00	135.29 -6.37 0.00	167.21 -6.14 0.00	113.35 -2.68 0.00	108.73 -3.07 -4.39	109.03 -2.66 -2.59	82.98 -3.09 0.00	77.00 -3.70 -0.27	87.01 -4.62 0.00	79.77 -3.73 0.00	76.38 -5.10 0.00	88.29 -5.26 0.00	101.74 -7.54 0.00	83.93 -5.87 -0.10	113.80 -6.29 -18.97	76.48 -3.47 -23.13	74.24 -3.12 -30.60	55.45 -7.94 49.45	51.59 -7.54 40.70	53.28 -5.00 7.23	67.58 -5.81 1.38
NEG CENTRAL___SENECA 23627	138.31 -1.86 0.00	64.76 -0.80 0.00	123.16 -2.23 0.00	161.39 -3.96 0.00	138.95 -2.72 0.00	171.36 -1.99 0.00	115.77 -0.25 0.00	110.35 -0.74 -3.68	111.19 -0.08 -2.17	85.62 -0.46 0.00	79.37 -1.29 -0.23	89.79 -1.83 0.00	82.17 -1.33 0.00	79.67 -1.80 0.00	91.50 -2.06 0.00	107.12 -2.15 0.00	88.14 -1.57 -0.01	95.13 -1.98 4.02	56.25 -1.06 -0.50	49.07 -0.97 -3.28	45.07 -2.82 64.95	49.21 -3.16 47.46	48.08 -2.22 15.21	70.76 -2.82 1.19
NEG CENTRAL___STATE_STREET 24147	139.82 -0.34 0.00	65.10 -0.45 0.00	124.42 -0.96 0.00	163.58 -1.78 0.00	140.65 -1.01 0.00	172.54 -0.81 0.00	116.27 0.25 0.00	110.65 0.01 -3.23	111.29 0.29 -1.91	85.85 -0.23 0.00	79.78 -0.85 -0.20	90.35 -1.27 0.00	82.50 -1.01 0.00	80.28 -1.20 0.00	92.26 -1.29 0.00	108.23 -1.04 0.00	89.02 -0.67 0.00	107.66 -0.67 -7.20	67.87 -0.33 -11.39	68.38 -0.36 -21.99	131.60 -1.42 -20.18	112.55 -1.78 -14.50	69.38 -1.26 -5.13	73.48 -1.64 -0.34
NEG MILLWOOD___DRP 24198	150.39 10.22 0.00	70.08 4.52 0.00	133.13 7.75 0.00	173.96 8.61 0.00	149.47 7.81 0.00	184.96 11.61 0.00	125.81 9.78 0.00	142.69 9.52 -25.75	134.27 9.98 -15.19	94.01 7.93 0.00	88.96 6.92 -1.61	99.18 7.56 0.00	89.85 6.35 0.00	87.87 6.38 0.00	100.87 7.31 0.00	118.21 8.93 0.00	97.27 7.58 0.00	139.32 9.50 -28.71	124.42 5.42 -62.19	180.43 4.33 -129.34	122.63 9.78 0.00	107.99 8.16 0.00	71.73 5.14 -1.08	79.84 5.07 0.00
NEG NORTH_FLCN_SEA 23793	136.63 -3.53 0.00	64.06 -1.50 0.00	123.87 -1.51 0.00	165.42 0.07 0.00	140.79 -0.87 0.00	172.29 -1.06 0.00	114.47 -1.55 0.00	105.89 -1.53 0.00	106.47 -2.63 0.00	83.55 -2.53 0.00	78.85 -1.58 0.00	90.76 -0.86 0.00	82.96 -0.54 0.00	81.66 0.18 0.00	94.81 1.25 0.00	110.81 1.54 0.00	90.41 0.72 0.00	100.78 -0.34 0.00	56.44 -0.37 0.00	46.49 -0.27 0.00	111.86 -0.98 0.00	98.66 -1.17 0.00	64.56 -0.95 0.00	75.62 0.85 0.00
NEG NORTH_KES_CHATEGAY 23792	136.97 -3.19 0.00	64.24 -1.32 0.00	124.32 -1.06 0.00	165.89 0.53 0.00	141.14 -0.52 0.00	172.27 -1.08 0.00	113.95 -2.07 0.00	105.33 -2.08 0.00	106.14 -2.95 0.00	83.55 -2.53 0.00	78.84 -1.58 0.00	90.80 -0.82 0.00	82.87 -0.63 0.00	81.33 -0.15 0.00	94.36 0.80 0.00	110.21 0.93 0.00	90.12 0.42 0.00	100.24 -0.88 0.00	56.15 -0.66 0.00	46.22 -0.54 0.00	111.48 -1.36 0.00	98.48 -1.35 0.00	64.41 -1.10 0.00	74.85 0.09 0.00
NEG NORTH___ALICE_FALLS 23915	138.34 -1.83 0.00	64.84 -0.71 0.00	125.37 -0.01 0.00	167.41 2.06 0.00	142.46 0.80 0.00	174.35 1.00 0.00	115.93 -0.10 0.00	107.20 -0.22 0.00	107.79 -1.31 0.00	84.59 -1.48 0.00	79.74 -0.68 0.00	91.74 0.11 0.00	83.77 0.27 0.00	82.43 0.96 0.00	95.72 2.17 0.00	111.94 2.66 0.00	91.43 1.73 0.00	101.93 0.81 0.00	57.12 0.31 0.00	47.01 0.26 0.00	113.04 0.20 0.00	99.79 -0.03 0.00	65.23 -0.28 0.00	76.08 1.31 0.00
NEG NORTH___LWR_SARANAC 23913	138.34 -1.83 0.00	64.84 -0.71 0.00	125.37 -0.01 0.00	167.41 2.06 0.00	142.46 0.80 0.00	174.35 1.00 0.00	115.93 -0.10 0.00	107.20 -0.22 0.00	107.79 -1.31 0.00	84.59 -1.48 0.00	79.74 -0.68 0.00	91.74 0.11 0.00	83.77 0.27 0.00	82.43 0.96 0.00	95.72 2.17 0.00	111.94 2.66 0.00	91.43 1.73 0.00	101.93 0.81 0.00	57.12 0.31 0.00	47.01 0.26 0.00	113.04 0.20 0.00	99.79 -0.03 0.00	65.23 -0.28 0.00	76.08 1.31 0.00
NEG NORTH___PLATTSBURG 23628	138.33 -1.83 0.00	64.84 -0.71 0.00	125.37 -0.01 0.00	167.41 2.06 0.00	142.47 0.81 0.00	174.36 1.01 0.00	115.93 -0.10 0.00	107.21 -0.21 0.00	107.79 -1.31 0.00	84.59 -1.48 0.00	79.74 -0.68 0.00	91.74 0.12 0.00	83.77 0.27 0.00	82.44 0.96 0.00	95.72 2.17 0.00	111.93 2.66 0.00	91.42 1.73 0.00	101.97 0.84 0.00	57.12 0.31 0.00	47.01 0.25 0.00	113.04 0.20 0.00	99.80 -0.03 0.00	65.23 -0.28 0.00	76.09 1.32 0.00
NEG WEST_LEA_LOCKPORT 23791	127.83 -12.33 0.00	59.73 -5.83 0.00	114.22 -11.16 0.00	150.13 -15.22 0.00	128.65 -13.01 0.00	159.45 -13.90 0.00	106.64 -9.38 0.00	100.40 -10.83 -3.81	100.77 -10.49 -2.16	77.72 -8.35 0.00	71.19 -9.03 0.21	80.70 -10.80 0.12	73.81 -9.62 0.07	70.84 -10.53 0.11	81.90 -11.62 0.04	94.93 -14.34 0.01	77.89 -11.78 0.02	77.19 -13.01 10.92	43.88 -7.29 5.65	38.81 -6.03 1.91	43.41 -14.63 54.80	48.45 -13.11 38.26	42.79 -8.01 14.71	64.94 -9.01 0.82
NEG WEST___LANCASTR 23811	133.83 -6.33 0.00	62.39 -3.17 0.00	119.16 -6.22 0.00	156.64 -8.72 0.00	134.41 -7.25 0.00	166.05 -7.30 0.00	111.19 -4.83 0.00	105.69 -6.21 -4.48	106.30 -5.45 -2.64	81.77 -4.31 0.00	75.72 -4.99 -0.28	85.52 -6.11 0.00	78.33 -5.17 0.00	75.15 -6.33 0.00	86.65 -6.90 0.00	100.82 -8.46 0.00	82.34 -7.33 0.02	80.43 -7.99 12.71	45.47 -4.75 6.59	39.99 -4.08 2.69	34.29 -9.78 68.78	42.62 -8.95 48.26	42.07 -5.36 18.08	67.58 -6.14 1.05
NEG_PENN_ALLEGHNY 23528	140.19 0.04 0.00	65.42 -0.14 0.00	124.74 -0.64 0.00	163.78 -1.57 0.00	140.76 -0.90 0.00	173.31 -0.04 0.00	116.68 0.66 0.00	116.13 0.53 -8.18	115.04 1.12 -4.83	86.75 0.67 0.00	81.11 0.17 -0.51	91.51 -0.11 0.00	83.43 -0.06 0.00	81.23 -0.25 0.00	93.24 -0.31 0.00	109.39 0.11 0.00	89.67 -0.03 0.00	105.50 0.07 -4.30	71.66 -0.10 -14.94	79.99 -0.14 -33.37	84.38 -1.19 27.27	78.88 -1.33 19.61	58.22 -0.88 6.41	73.08 -1.22 0.46
NEG___GEN_MONROE 24207	135.00 -5.16 0.00	63.05 -2.51 0.00	120.45 -4.93 0.00	158.30 -7.05 0.00	135.90 -5.76 0.00	168.00 -5.35 0.00	112.90 -3.12 0.00	106.58 -3.98 -3.15	107.17 -3.79 -1.86	82.71 -3.37 0.00	76.52 -4.12 -0.21	86.65 -4.98 0.00	79.12 -4.38 0.00	76.36 -5.12 0.00	88.13 -5.42 0.00	102.84 -6.44 0.00	84.37 -5.33 0.00	93.06 -5.79 2.28	55.39 -3.21 -1.79	50.52 -2.71 -6.47	73.39 -6.93 32.51	69.93 -6.51 23.39	53.52 -4.04 7.95	69.65 -4.57 0.55

NEPA__ENERGY 23901	133.15 -7.01 0.00	62.14 -3.42 0.00	118.84 -6.54 0.00	156.42 -8.94 0.00	134.01 -7.65 0.00	166.05 -7.30 0.00	111.55 -4.47 0.00	105.71 -5.93 -4.22	106.24 -5.35 -2.49	81.74 -4.33 0.00	75.57 -5.12 -0.26	85.18 -6.44 0.00	77.78 -5.72 0.00	74.36 -7.12 0.00	85.21 -8.34 0.00	99.09 -10.19 0.00	81.03 -8.64 0.03	76.59 -9.73 14.80	41.60 -5.94 9.27	33.81 -5.18 7.77	30.06 -12.50 70.28	40.40 -11.48 47.95	40.13 -7.02 18.36	65.99 -7.79 0.99
NEVERSink__HYD 23608	147.47 7.31 0.00	68.37 2.82 0.00	130.13 4.75 0.00	170.45 5.10 0.00	146.30 4.64 0.00	180.94 7.59 0.00	122.86 6.84 0.00	137.30 6.75 -23.13	129.73 6.98 -13.64	91.49 5.41 0.00	86.28 4.41 -1.45	96.06 4.44 0.00	87.05 3.55 0.00	85.17 3.69 0.00	97.76 4.20 0.00	114.86 5.59 0.00	94.89 5.19 0.00	133.71 6.81 -25.78	116.59 3.92 -55.86	166.09 3.15 -116.18	119.86 7.02 0.00	105.51 5.68 0.00	69.96 3.49 -0.97	78.04 3.27 0.00
NEWKRMKL_115KV_TB1 55635	145.46 5.30 0.00	68.07 2.51 0.00	129.83 4.45 0.00	170.08 4.73 0.00	145.79 4.13 0.00	178.78 5.42 0.00	120.09 4.07 0.00	142.58 3.87 -31.30	131.60 4.04 -18.46	89.37 3.29 0.00	85.89 3.50 -1.96	95.38 3.75 0.00	86.73 3.23 0.00	84.74 3.26 0.00	96.79 3.23 0.00	112.24 2.97 0.00	92.33 2.64 0.00	139.41 3.40 -34.88	134.43 2.04 -75.57	205.58 1.65 -157.18	116.84 4.00 0.00	103.43 3.61 0.00	69.53 2.71 -1.31	77.80 3.04 0.00
NEWTON__FALLS_HYD 23847	140.45 0.29 0.00	66.21 0.65 0.00	127.90 2.52 0.00	170.26 4.91 0.00	145.64 3.98 0.00	176.73 3.38 0.00	117.65 1.63 0.00	108.48 0.41 -0.65	109.21 -0.28 -0.38	86.45 0.37 0.00	81.86 1.40 -0.04	93.38 1.76 0.00	84.34 0.84 0.00	82.03 0.55 0.00	94.88 1.33 0.00	110.95 1.68 0.00	90.83 1.14 0.00	101.62 -0.22 -0.73	57.89 -0.49 -1.57	49.87 -0.15 -3.26	112.53 -0.31 0.00	99.94 0.12 0.00	65.51 -0.03 -0.03	75.01 0.24 0.00
NGRID_A1_DSASP 323792	126.53 -13.63 0.00	59.10 -6.45 0.00	113.07 -12.31 0.00	148.64 -16.72 0.00	127.37 -14.29 0.00	157.89 -15.46 0.00	105.21 -10.81 0.00	99.03 -12.27 -3.88	99.55 -11.84 -2.29	76.71 -9.37 0.00	70.73 -9.94 -0.24	79.77 -11.85 0.00	72.82 -10.68 0.00	69.97 -11.51 0.00	80.72 -12.83 0.00	93.67 -15.61 0.00	76.64 -13.03 0.02	75.01 -14.99 11.12	42.73 -8.32 5.76	37.97 -6.67 2.11	40.02 -16.12 56.70	45.96 -14.31 39.56	41.77 -8.72 15.02	64.20 -9.73 0.84
NGRID_A2_DSASP 323793	126.53 -13.63 0.00	59.10 -6.45 0.00	113.07 -12.31 0.00	148.64 -16.72 0.00	127.37 -14.29 0.00	157.89 -15.46 0.00	105.21 -10.81 0.00	99.03 -12.27 -3.88	99.55 -11.84 -2.29	76.71 -9.37 0.00	70.73 -9.94 -0.24	79.77 -11.85 0.00	72.82 -10.68 0.00	69.97 -11.51 0.00	80.72 -12.83 0.00	93.67 -15.61 0.00	76.64 -13.03 0.02	75.01 -14.99 11.12	42.73 -8.32 5.76	37.97 -6.67 2.11	40.02 -16.12 56.70	45.96 -14.31 39.56	41.77 -8.72 15.02	64.20 -9.73 0.84
NGRID_A4_DSASP 323807	126.53 -13.63 0.00	59.10 -6.45 0.00	113.07 -12.31 0.00	148.64 -16.72 0.00	127.37 -14.29 0.00	157.89 -15.46 0.00	105.21 -10.81 0.00	99.03 -12.27 -3.88	99.55 -11.84 -2.29	76.71 -9.37 0.00	70.73 -9.94 -0.24	79.77 -11.85 0.00	72.82 -10.68 0.00	69.97 -11.51 0.00	80.72 -12.83 0.00	93.67 -15.61 0.00	76.64 -13.03 0.02	75.01 -14.99 11.12	42.73 -8.32 5.76	37.97 -6.67 2.11	40.02 -16.12 56.70	45.96 -14.31 39.56	41.77 -8.72 15.02	64.20 -9.73 0.84
NIAGARA_115E_LBMP 323715	127.06 -13.10 0.00	59.33 -6.22 0.00	113.50 -11.88 0.00	149.24 -16.11 0.00	127.90 -13.76 0.00	158.48 -14.87 0.00	105.68 -10.34 0.00	99.49 -11.82 -3.89	99.99 -11.41 -2.30	77.07 -9.01 0.00	71.03 -9.68 -0.28	80.05 -11.58 -0.01	73.16 -10.34 0.00	70.25 -11.23 -0.01	81.09 -12.47 0.00	93.69 -15.59 0.00	76.63 -13.04 0.02	75.86 -14.15 11.12	43.23 -7.85 5.72	38.54 -6.44 1.77	41.76 -15.60 55.48	47.12 -13.86 38.85	41.90 -8.48 15.12	64.16 -9.76 0.85
NIAGARA_115W_LBMP 323714	126.38 -13.78 0.00	59.03 -6.53 0.00	112.92 -12.46 0.00	148.44 -16.91 0.00	127.19 -14.47 0.00	157.64 -15.71 0.00	105.03 -10.99 0.00	98.87 -12.42 -3.88	99.41 -11.98 -2.29	76.61 -9.47 0.00	70.61 -10.06 -0.24	79.64 -11.98 0.00	72.72 -10.78 0.00	69.87 -11.61 0.00	80.58 -12.97 0.00	93.55 -15.73 0.00	76.51 -13.16 0.02	74.93 -15.14 11.05	42.72 -8.38 5.70	37.99 -6.72 2.05	40.12 -16.21 56.50	46.00 -14.40 39.42	41.76 -8.79 14.96	64.12 -9.81 0.84
NIAGARA_230_LBMP 323716	127.87 -12.29 0.00	59.72 -5.84 0.00	114.18 -11.20 0.00	150.15 -15.20 0.00	128.74 -12.91 0.00	159.43 -13.92 0.00	106.36 -9.67 0.00	100.19 -11.06 -3.83	100.62 -10.73 -2.25	77.59 -8.48 0.00	71.56 -9.08 -0.21	80.75 -10.86 0.01	73.76 -9.73 0.00	70.89 -10.58 0.01	81.77 -11.78 0.00	94.92 -14.36 0.00	77.66 -12.02 0.02	76.90 -13.67 10.55	43.85 -7.68 5.28	38.82 -6.33 1.61	42.31 -15.42 55.11	47.67 -13.70 38.45	42.70 -8.32 14.49	64.87 -9.08 0.81
NIAGARA__115KV_198_GIBSON 55903	126.37 -13.79 0.00	59.03 -6.53 0.00	112.93 -12.45 0.00	148.45 -16.90 0.00	127.21 -14.45 0.00	157.63 -15.72 0.00	105.04 -10.98 0.00	98.86 -12.44 -3.88	99.38 -12.01 -2.29	76.60 -9.48 0.00	70.60 -10.07 -0.24	79.64 -11.98 0.00	72.72 -10.78 0.00	69.85 -11.63 0.00	80.59 -12.97 0.00	93.53 -15.74 0.00	76.52 -13.15 0.02	75.01 -15.05 11.05	42.75 -8.35 5.70	37.99 -6.71 2.05	40.14 -16.19 56.50	45.96 -14.44 39.42	41.74 -8.81 14.96	64.14 -9.79 0.84
NIAGARA____ 23760	127.87 -12.29 0.00	59.72 -5.84 0.00	114.18 -11.20 0.00	150.15 -15.20 0.00	128.74 -12.91 0.00	159.43 -13.92 0.00	106.36 -9.67 0.00	100.22 -11.06 -3.86	100.64 -10.73 -2.27	77.59 -8.48 0.00	71.58 -9.08 -0.23	80.76 -10.86 0.00	73.76 -9.73 0.00	70.89 -10.58 0.00	81.77 -11.78 0.00	94.92 -14.36 0.00	77.66 -12.02 0.02	76.74 -13.67 10.72	43.74 -7.68 5.40	38.75 -6.33 1.68	42.13 -15.42 55.29	47.53 -13.70 38.59	42.57 -8.32 14.62	64.86 -9.08 0.82
NINE_MILE_1 23575	134.78 -5.38 0.00	63.04 -2.52 0.00	120.37 -5.01 0.00	158.41 -6.94 0.00	135.89 -5.77 0.00	166.89 -6.46 0.00	112.06 -3.96 0.00	105.16 -3.83 -1.57	106.26 -3.76 -0.92	82.98 -3.10 0.00	77.42 -3.11 -0.10	87.95 -3.67 0.00	80.12 -3.38 0.00	78.08 -3.40 0.00	89.69 -3.87 0.00	104.88 -4.40 0.00	86.11 -3.59 0.00	98.87 -4.00 -1.75	58.38 -2.22 -3.78	52.78 -1.85 -7.87	108.11 -4.73 0.00	95.44 -4.39 0.00	62.69 -2.89 -0.06	71.38 -3.39 0.00
NINE_MILE_2 23744	134.78 -5.38 0.00	63.04 -2.52 0.00	120.38 -5.00 0.00	158.41 -6.94 0.00	135.89 -5.77 0.00	166.89 -6.46 0.00	112.06 -3.96 0.00	105.15 -3.83 -1.56	106.26 -3.76 -0.92	82.98 -3.10 0.00	77.43 -3.10 -0.10	87.96 -3.67 0.00	80.12 -3.38 0.00	78.09 -3.39 0.00	89.69 -3.87 0.00	104.88 -4.40 0.00	86.11 -3.59 0.00	98.87 -4.00 -1.74	58.37 -2.21 -3.77	52.77 -1.84 -7.85	108.11 -4.73 0.00	95.44 -4.39 0.00	62.69 -2.89 -0.06	71.38 -3.38 0.00
NM_CAPITAL__DRP 24208	145.59 5.43 0.00	68.14 2.58 0.00	129.97 4.59 0.00	170.23 4.88 0.00	145.90 4.24 0.00	179.06 5.71 0.00	120.31 4.28 0.00	142.68 4.06 -31.21	131.75 4.24 -18.41	89.54 3.47 0.00	85.96 3.58 -1.95	95.49 3.87 0.00	86.82 3.33 0.00	84.88 3.39 0.00	97.03 3.48 0.00	112.57 3.29 0.00	92.52 2.83 0.00	139.54 3.64 -34.78	134.36 2.19 -75.36	205.27 1.77 -156.74	117.08 4.25 0.00	103.65 3.82 0.00	69.65 2.84 -1.30	77.89 3.12 0.00

NM_CENTRAL___DRP 24181	137.56 -2.60 0.00	64.31 -1.25 0.00	122.75 -2.63 0.00	161.32 -4.03 0.00	138.56 -3.10 0.00	170.47 -2.88 0.00	114.75 -1.27 0.00	108.36 -1.31 -2.25	109.26 -1.17 -1.33	84.92 -1.16 0.00	79.15 -1.42 -0.14	89.80 -1.83 0.00	81.81 -1.69 0.00	79.68 -1.80 0.00	91.53 -2.02 0.00	107.15 -2.12 0.00	88.16 -1.53 0.00	101.98 -1.68 -2.53	61.27 -0.98 -5.43	57.18 -0.87 -11.29	110.33 -2.51 0.00	97.24 -2.58 0.00	63.87 -1.73 -0.09	72.59 -2.18 0.00
NM_FRONTIER___DRP 24179	126.37 -13.79 0.00	59.03 -6.53 0.00	112.93 -12.45 0.00	148.45 -16.90 0.00	127.21 -14.45 0.00	157.63 -15.72 0.00	105.04 -10.98 0.00	98.86 -12.44 -3.88	99.38 -12.01 -2.29	76.60 -9.48 0.00	70.60 -10.07 -0.24	79.64 -11.98 0.00	72.72 -10.78 0.00	69.85 -11.63 0.00	80.59 -12.97 0.00	93.53 -15.74 0.00	76.52 -13.15 0.02	75.01 -15.05 11.05	42.75 -8.35 5.70	37.99 -6.71 2.05	40.14 -16.19 56.50	45.96 -14.44 39.42	41.74 -8.81 14.96	64.14 -9.79 0.84
NM_ST_REGIS___HYD 24053	140.32 0.15 0.00	65.87 0.31 0.00	126.95 1.57 0.00	169.47 4.12 0.00	144.17 2.51 0.00	174.04 0.69 0.00	115.15 -0.87 0.00	106.28 -1.14 0.00	107.20 -1.90 0.00	84.98 -1.10 0.00	80.24 -0.19 0.00	92.16 0.53 0.00	84.09 0.59 0.00	82.04 0.56 0.00	94.71 1.16 0.00	109.88 0.60 0.00	89.84 0.14 0.00	100.29 -0.83 0.00	56.17 -0.64 0.00	46.31 -0.44 0.00	112.05 -0.79 0.00	99.64 -0.19 0.00	65.53 0.02 0.00	75.85 1.08 0.00
NORTHPORT___1 23551	155.35 10.94 -4.25	120.69 5.08 -50.05	134.65 8.69 -0.58	174.18 8.83 0.00	149.86 8.20 0.00	184.77 11.42 0.00	126.34 9.26 -1.06	140.81 7.91 -25.48	140.02 9.77 -21.15	96.30 8.02 -2.21	89.09 7.07 -1.59	99.57 7.95 0.00	89.86 6.36 0.00	87.81 6.33 0.00	101.31 7.75 0.00	176.33 10.21 -56.84	97.48 7.77 -0.02	139.21 9.69 -28.40	123.81 5.47 -61.53	187.91 4.49 -136.67	131.28 10.01 -8.43	108.14 8.31 0.00	84.64 5.72 -13.41	90.45 5.82 -9.86
NORTHPORT___2 23552	155.35 10.94 -4.25	120.69 5.08 -50.05	134.65 8.69 -0.58	174.18 8.83 0.00	149.86 8.20 0.00	184.77 11.42 0.00	126.34 9.26 -1.06	140.81 7.91 -25.48	140.02 9.77 -21.15	96.30 8.02 -2.21	89.09 7.07 -1.59	99.57 7.95 0.00	89.86 6.36 0.00	87.81 6.33 0.00	101.31 7.75 0.00	176.33 10.21 -56.84	97.48 7.77 -0.02	139.21 9.69 -28.40	123.81 5.47 -61.53	187.91 4.49 -136.67	131.28 10.01 -8.43	108.14 8.31 0.00	84.64 5.72 -13.41	90.45 5.82 -9.86
NORTHPORT___3 23553	155.06 10.65 -4.25	120.56 4.95 -50.05	134.40 8.45 -0.58	174.05 8.70 0.00	149.66 8.00 0.00	184.70 11.34 0.00	126.45 9.37 -1.06	140.89 8.00 -25.48	139.90 9.65 -21.15	96.17 7.89 -2.21	88.98 6.96 -1.59	99.41 7.79 0.00	89.79 6.29 0.00	87.77 6.29 0.00	101.19 7.64 0.00	176.19 10.07 -56.84	97.55 7.83 -0.02	139.34 9.82 -28.40	123.88 5.54 -61.53	187.94 4.52 -136.67	131.39 10.12 -8.43	108.24 8.41 0.00	84.55 5.63 -13.41	90.39 5.76 -9.86
NORTHPORT___4 23650	155.06 10.65 -4.25	120.56 4.95 -50.05	134.40 8.45 -0.58	174.05 8.70 0.00	149.66 8.00 0.00	184.70 11.34 0.00	126.45 9.37 -1.06	140.89 8.00 -25.48	139.90 9.65 -21.15	96.17 7.89 -2.21	88.98 6.96 -1.59	99.41 7.79 0.00	89.79 6.29 0.00	87.77 6.29 0.00	101.19 7.64 0.00	176.19 10.07 -56.84	97.55 7.83 -0.02	139.34 9.82 -28.40	123.88 5.54 -61.53	187.94 4.52 -136.67	131.39 10.12 -8.43	108.24 8.41 0.00	84.55 5.63 -13.41	90.39 5.76 -9.86
NORTHPORT___IC 23718	155.35 10.94 -4.25	120.69 5.09 -50.05	134.65 8.69 -0.58	174.18 8.83 0.00	149.86 8.20 0.00	184.79 11.44 0.00	126.35 9.27 -1.06	140.81 7.91 -25.48	140.02 9.77 -21.15	96.31 8.03 -2.21	89.10 7.08 -1.59	99.57 7.95 0.00	89.87 6.37 0.00	87.82 6.33 0.00	101.31 7.76 0.00	176.34 10.22 -56.84	97.49 7.78 -0.02	139.22 9.70 -28.40	123.81 5.47 -61.53	187.91 4.49 -136.67	131.22 9.95 -8.43	108.11 8.28 0.00	84.63 5.70 -13.41	90.46 5.83 -9.86
NORTH___COUNTRY_ESR 323785	136.41 -3.75 0.00	63.97 -1.58 0.00	123.82 -1.56 0.00	165.36 0.01 0.00	140.61 -1.05 0.00	171.53 -1.82 0.00	113.39 -2.63 0.00	104.86 -2.56 0.00	105.66 -3.44 0.00	83.22 -2.85 0.00	78.60 -1.83 0.00	90.53 -1.09 0.00	82.64 -0.86 0.00	81.08 -0.40 0.00	94.03 0.48 0.00	109.82 0.55 0.00	89.76 0.06 0.00	99.85 -1.27 0.00	55.92 -0.89 0.00	45.99 -0.77 0.00	110.97 -1.88 0.00	98.05 -1.77 0.00	64.17 -1.34 0.00	74.58 -0.19 0.00
NPX_GEN_1385_PROXY 323591	158.25 13.84 -4.25	129.95 6.96 -57.43	242.96 12.24 -105.33	217.74 13.53 -38.86	203.59 12.23 -49.70	188.98 15.63 0.00	129.18 12.10 -1.06	141.46 8.56 -25.48	141.96 11.71 -21.15	97.56 9.27 -2.21	89.69 7.67 -1.59	101.08 9.45 0.00	90.56 7.06 0.00	88.28 6.80 0.00	102.23 8.67 0.00	177.77 11.65 -56.84	97.26 7.54 -0.02	138.06 8.53 -28.40	123.64 5.31 -61.53	188.54 5.12 -136.67	131.72 10.45 -8.43	108.61 8.78 0.00	85.65 6.72 -13.41	94.63 7.91 -11.95
NPX_GEN_CSC 323557	157.40 12.99 -4.25	121.52 5.91 -50.05	136.22 10.26 -0.58	175.78 10.42 0.00	162.34 8.95 -11.73	186.14 12.79 0.00	126.94 9.86 -1.06	141.20 8.31 -25.48	142.22 11.97 -21.15	97.56 9.28 -2.21	90.00 7.98 -1.59	100.41 8.79 0.00	90.56 7.06 0.00	88.48 7.00 0.00	102.34 8.78 0.00	178.23 12.11 -56.84	98.84 9.13 -0.02	141.19 11.66 -28.40	124.55 6.22 -61.53	188.36 4.94 -136.67	132.74 11.47 -8.43	109.52 9.69 0.00	85.61 6.68 -13.41	91.34 6.71 -9.86
NSINS_S___GLNS_FALLS 23858	152.88 12.72 0.00	71.40 5.84 0.00	136.12 10.74 0.00	177.80 12.45 0.00	152.10 10.44 0.00	186.77 13.42 0.00	126.21 10.18 0.00	148.50 8.92 -32.17	136.51 8.44 -18.97	92.06 5.98 0.00	87.68 5.24 -2.01	96.89 5.27 0.00	87.96 4.46 0.00	86.35 4.86 0.00	98.99 5.43 0.00	116.25 6.97 0.00	95.73 6.04 0.00	144.73 7.75 -35.85	139.02 4.53 -77.67	212.00 3.70 -161.55	121.32 8.48 0.00	107.01 7.18 0.00	71.33 4.47 -1.34	79.48 4.71 0.00
NUCOR_STEEL___DRP 24197	139.75 -0.41 0.00	65.03 -0.53 0.00	124.35 -1.03 0.00	163.51 -1.85 0.00	140.60 -1.06 0.00	172.37 -0.98 0.00	116.11 0.09 0.00	110.39 -0.12 -3.10	111.00 0.08 -1.83	85.73 -0.36 0.00	79.69 -0.93 -0.19	90.27 -1.36 0.00	82.40 -1.10 0.00	80.21 -1.27 0.00	92.19 -1.37 0.00	108.16 -1.12 0.00	88.93 -0.77 0.00	107.91 -0.78 -7.57	67.99 -0.39 -11.57	68.46 -0.43 -22.13	134.38 -1.52 -23.07	114.56 -1.85 -16.58	70.08 -1.27 -5.84	73.50 -1.66 -0.39
NUMBER_THREE_WT_PWR 323818	140.60 0.44 0.00	66.62 1.06 0.00	129.20 3.82 0.00	171.61 6.26 0.00	147.77 6.11 0.00	180.93 7.58 0.00	120.93 4.91 0.00	111.10 2.80 -0.88	111.64 2.02 -0.52	88.32 2.24 0.00	83.88 3.40 -0.06	95.25 3.63 0.00	85.23 1.73 0.00	82.76 1.28 0.00	96.04 2.49 0.00	113.38 4.10 0.00	92.90 3.21 0.00	103.43 1.32 -0.98	59.18 0.24 -2.13	51.77 0.59 -4.42	113.87 1.03 0.00	100.91 1.08 0.00	65.67 0.12 -0.04	74.40 -0.36 0.00
NYISO_LBMP_REFERENCE 24008	140.16 0.00 0.00	65.56 0.00 0.00	125.38 0.00 0.00	165.35 0.00 0.00	141.66 0.00 0.00	173.35 0.00 0.00	116.02 0.00 0.00	107.42 0.00 0.00	109.10 0.00 0.00	86.08 0.00 0.00	80.43 0.00 0.00	91.62 0.00 0.00	83.50 0.00 0.00	81.48 0.00 0.00	93.56 0.00 0.00	109.28 0.00 0.00	89.70 0.00 0.00	101.12 0.00 0.00	56.81 0.00 0.00	46.76 0.00 0.00	112.84 0.00 0.00	99.83 0.00 0.00	65.51 0.00 0.00	74.77 0.00 0.00

NYPA_BRENTWD____GT 24164	156.92 12.51 -4.25	121.33 5.72 -50.05	135.87 9.92 -0.58	175.86 10.51 0.00	150.86 9.20 0.00	186.19 12.84 0.00	127.18 10.09 -1.06	141.49 8.59 -25.48	141.10 10.85 -21.15	97.20 8.92 -2.21	90.03 8.01 -1.59	100.48 8.85 0.00	90.70 7.20 0.00	88.63 7.15 0.00	102.29 8.74 0.00	177.55 11.43 -56.84	98.45 8.73 -0.02	140.61 11.09 -28.40	124.58 6.24 -61.53	188.49 5.07 -136.67	132.73 11.46 -8.43	109.31 9.48 0.00	85.26 6.33 -13.41	91.05 6.42 -9.86
NYPA_GOWANUS____GT5 24156	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	90.25 6.56 -3.26	108.14 7.19 -9.32	91.35 6.09 -1.77	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
NYPA_GOWANUS____GT6 24157	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.92 6.57 0.00	147.66 6.00 0.00	182.99 9.64 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.81 7.71 -0.02	90.25 6.56 -3.26	108.14 7.19 -9.32	91.35 6.09 -1.77	87.65 6.17 0.00	100.54 6.99 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.69 9.16 -28.41	123.62 5.26 -61.55	178.93 4.16 -128.01	122.21 9.38 0.00	107.50 7.67 0.00	71.38 4.80 -1.06	79.35 4.58 0.00
NYPA_HARLEM__RVR__GT1 24160	148.98 8.82 0.00	69.25 3.69 0.00	131.21 5.83 0.00	171.08 5.73 0.00	147.10 5.44 0.00	182.19 8.84 0.00	124.01 7.98 0.00	140.94 8.04 -25.49	132.88 8.75 -15.03	93.30 7.23 0.00	88.24 6.14 -1.67	98.78 6.72 -0.44	89.18 5.60 -0.08	87.15 5.67 0.00	99.99 6.44 0.00	117.23 7.96 0.00	96.39 6.70 0.00	138.06 8.53 -28.41	123.18 4.82 -61.55	178.58 3.82 -128.01	121.48 8.64 0.00	107.03 7.20 0.00	71.03 4.45 -1.06	78.83 4.06 0.00
NYPA_HARLEM__RVR__GT2 24161	148.98 8.82 0.00	69.25 3.69 0.00	131.21 5.83 0.00	171.08 5.73 0.00	147.10 5.44 0.00	182.19 8.84 0.00	124.01 7.98 0.00	140.94 8.04 -25.49	132.88 8.75 -15.03	93.30 7.23 0.00	88.24 6.14 -1.67	98.78 6.72 -0.44	89.18 5.60 -0.08	87.15 5.67 0.00	99.99 6.44 0.00	117.23 7.96 0.00	96.39 6.70 0.00	138.06 8.53 -28.41	123.18 4.82 -61.55	178.58 3.82 -128.01	121.48 8.64 0.00	107.03 7.20 0.00	71.03 4.45 -1.06	78.83 4.06 0.00
NYPA_KENT____GT 24152	149.31 9.15 0.00	69.54 3.98 0.00	131.66 6.28 0.00	171.68 6.33 0.00	147.51 5.85 0.00	182.71 9.36 0.00	124.32 8.30 0.00	141.22 8.32 -25.49	133.22 9.08 -15.04	93.61 7.52 -0.01	89.06 6.48 -2.15	101.85 7.12 -3.11	90.09 6.00 -0.59	87.57 6.08 0.00	100.45 6.90 0.00	117.74 8.46 0.00	96.81 7.12 0.00	138.50 8.97 -28.41	123.49 5.13 -61.55	178.82 4.06 -128.01	121.94 9.11 0.00	107.28 7.45 0.00	71.23 4.65 -1.06	79.17 4.40 0.00
NYPA_POUCH1____GT 24155	149.28 9.12 0.00	69.60 4.05 0.00	131.61 6.23 0.00	171.49 6.14 0.00	147.27 5.61 0.00	182.49 9.14 0.00	124.13 8.11 0.00	140.92 8.02 -25.49	132.97 8.83 -15.04	93.48 7.38 -0.02	85.39 6.17 1.20	88.86 6.74 9.50	86.20 5.64 2.94	87.20 5.73 0.01	100.04 6.49 0.01	117.28 8.01 0.01	94.62 6.78 1.86	130.70 8.66 -20.91	123.38 5.02 -61.55	178.76 3.99 -128.01	121.84 9.00 0.00	107.14 7.32 0.00	71.16 4.58 -1.06	79.13 4.36 0.00
NYPA_VERNON____GT2 24162	149.17 9.01 0.00	69.44 3.88 0.00	131.57 6.19 0.00	171.65 6.30 0.00	147.47 5.81 0.00	182.65 9.30 0.00	124.25 8.23 0.00	141.15 8.25 -25.49	133.13 8.99 -15.04	93.50 7.42 -0.01	88.92 6.50 -1.99	100.98 7.13 -2.23	89.93 6.01 -0.42	87.57 6.08 0.00	100.45 6.90 0.00	117.75 8.47 0.00	96.77 7.07 0.00	138.43 8.89 -28.41	123.41 5.05 -61.55	178.75 3.98 -128.01	121.74 8.89 0.00	107.13 7.30 0.00	71.13 4.56 -1.06	79.09 4.32 0.00
NYPA_VERNON____GT3 24163	149.17 9.01 0.00	69.44 3.88 0.00	131.57 6.19 0.00	171.65 6.30 0.00	147.47 5.81 0.00	182.65 9.30 0.00	124.25 8.23 0.00	141.15 8.25 -25.49	133.13 8.99 -15.04	93.50 7.42 -0.01	88.92 6.50 -1.99	100.98 7.13 -2.23	89.93 6.01 -0.42	87.57 6.08 0.00	100.45 6.90 0.00	117.75 8.47 0.00	96.77 7.07 0.00	138.43 8.89 -28.41	123.41 5.05 -61.55	178.75 3.98 -128.01	121.74 8.89 0.00	107.13 7.30 0.00	71.13 4.56 -1.06	79.09 4.32 0.00
NYPA__ASTORIA_CC1 323568	148.95 8.79 0.00	69.34 3.78 0.00	131.36 5.98 0.00	171.35 6.00 0.00	147.23 5.57 0.00	182.36 9.01 0.00	124.08 8.06 0.00	140.99 8.08 -25.49	132.93 8.80 -15.03	93.35 7.28 0.00	88.74 6.39 -1.93	100.49 7.01 -1.86	89.76 5.91 -0.35	87.46 5.98 0.00	100.34 6.79 0.00	117.58 8.30 0.00	96.63 6.94 0.00	138.26 8.73 -28.41	123.34 4.97 -61.55	178.68 3.91 -128.01	121.60 8.76 0.00	106.99 7.17 0.00	71.04 4.46 -1.06	78.95 4.18 0.00
NYPA__ASTORIA_CC2 323569	148.95 8.79 0.00	69.34 3.78 0.00	131.36 5.98 0.00	171.35 6.00 0.00	147.23 5.57 0.00	182.36 9.01 0.00	124.08 8.06 0.00	140.99 8.08 -25.49	132.93 8.80 -15.03	93.35 7.28 0.00	88.74 6.39 -1.93	100.49 7.01 -1.86	89.76 5.91 -0.35	87.46 5.98 0.00	100.34 6.79 0.00	117.58 8.30 0.00	96.63 6.94 0.00	138.26 8.73 -28.41	123.34 4.97 -61.55	178.68 3.91 -128.01	121.60 8.76 0.00	106.99 7.17 0.00	71.04 4.46 -1.06	78.95 4.18 0.00
NYPA__HOLTSVILL 23794	156.13 11.72 -4.25	120.96 5.35 -50.05	135.15 9.19 -0.58	174.86 9.50 0.00	150.27 8.61 0.00	185.56 12.21 0.00	127.02 9.93 -1.06	141.58 8.68 -25.48	141.00 10.75 -21.15	96.85 8.57 -2.21	89.47 7.45 -1.59	99.86 8.23 0.00	90.15 6.65 0.00	88.07 6.59 0.00	101.72 8.17 0.00	177.05 10.93 -56.84	98.22 8.50 -0.02	140.38 10.85 -28.40	124.41 6.07 -61.53	188.30 4.88 -136.67	132.47 11.20 -8.43	109.14 9.31 0.00	85.20 6.27 -13.41	90.93 6.30 -9.86
NYPA__HELLGATE_GT1 24158	148.98 8.82 0.00	69.24 3.69 0.00	131.21 5.83 0.00	171.08 5.73 0.00	147.10 5.44 0.00	182.19 8.84 0.00	124.01 7.98 0.00	140.94 8.04 -25.49	132.88 8.75 -15.03	93.30 7.23 0.00	88.24 6.14 -1.67	98.78 6.72 -0.44	89.18 5.60 -0.08	87.15 5.67 0.00	99.99 6.44 0.00	117.23 7.96 0.00	96.39 6.70 0.00	138.06 8.53 -28.41	123.18 4.82 -61.55	178.58 3.82 -128.01	121.48 8.64 0.00	107.03 7.20 0.00	71.03 4.45 -1.06	78.83 4.06 0.00
NYPA__HELLGATE_GT2 24159	148.98 8.82 0.00	69.24 3.69 0.00	131.21 5.83 0.00	171.08 5.73 0.00	147.10 5.44 0.00	182.19 8.84 0.00	124.01 7.98 0.00	140.94 8.04 -25.49	132.88 8.75 -15.03	93.30 7.23 0.00	88.24 6.14 -1.67	98.78 6.72 -0.44	89.18 5.60 -0.08	87.15 5.67 0.00	99.99 6.44 0.00	117.23 7.96 0.00	96.39 6.70 0.00	138.06 8.53 -28.41	123.18 4.82 -61.55	178.58 3.82 -128.01	121.48 8.64 0.00	107.03 7.20 0.00	71.03 4.45 -1.06	78.83 4.06 0.00
NYS_BARGE__HYD 23848	128.46 -11.70 0.00	60.01 -5.54 0.00	114.75 -10.63 0.00	150.86 -14.49 0.00	129.32 -12.34 0.00	160.28 -13.07 0.00	107.15 -8.88 0.00	100.86 -10.34 -3.78	101.38 -9.98 -2.25	78.12 -7.96 0.00	72.10 -8.67 -0.34	81.25 -10.40 -0.03	74.25 -9.27 -0.02	71.32 -10.19 -0.03	82.34 -11.23 -0.01	95.39 -13.89 0.00	78.16 -11.52 0.02	78.18 -12.62 10.33	44.69 -7.00 5.12	39.70 -5.79 1.27	45.43 -14.07 53.34	49.91 -12.60 37.32	43.49 -7.71 14.31	65.17 -8.79 0.81

OAK ORCHARD___HYD 24046	134.32 -5.84 0.00	62.73 -2.83 0.00	119.84 -5.55 0.00	157.54 -7.81 0.00	135.20 -6.46 0.00	167.07 -6.28 0.00	112.22 -3.80 0.00	106.00 -4.53 -3.12	106.56 -4.38 -1.84	82.37 -3.71 0.00	76.38 -4.25 -0.20	86.51 -5.11 0.00	78.96 -4.54 0.00	76.35 -5.13 0.00	87.98 -5.58 0.00	102.60 -6.68 0.00	84.18 -5.51 0.00	92.74 -6.19 2.19	55.22 -3.43 -1.84	50.37 -2.89 -6.51	73.54 -7.43 31.87	70.01 -6.90 22.92	53.45 -4.28 7.78	69.42 -4.80 0.54
OAKDALE___35_KV_LOAD 356122	139.56 -0.60 0.00	65.12 -0.44 0.00	124.20 -1.18 0.00	163.08 -2.28 0.00	140.11 -1.55 0.00	172.47 -0.88 0.00	116.09 0.07 0.00	115.49 -0.05 -8.13	114.43 0.54 -4.80	86.31 0.23 0.00	80.75 -0.19 -0.51	91.11 -0.52 0.00	83.06 -0.44 0.00	80.86 -0.62 0.00	92.84 -0.72 0.00	108.84 -0.43 0.00	89.22 -0.48 0.00	103.48 -0.44 -2.79	69.77 -0.37 -13.32	77.10 -0.36 -30.70	75.54 -1.61 35.69	72.44 -1.70 25.68	55.88 -1.12 8.51	72.66 -1.50 0.61
OCC_CHEM___DRP 24175	126.54 -13.62 0.00	59.10 -6.46 0.00	113.07 -12.32 0.00	148.63 -16.72 0.00	127.38 -14.28 0.00	157.83 -15.52 0.00	105.20 -10.82 0.00	99.03 -12.28 -3.88	99.54 -11.85 -2.29	76.70 -9.38 0.00	70.69 -9.98 -0.24	79.76 -11.86 0.00	72.82 -10.68 0.00	69.94 -11.54 0.00	80.71 -12.84 0.00	93.65 -15.62 0.00	76.63 -13.04 0.02	75.07 -14.94 11.12	42.77 -8.28 5.76	37.97 -6.67 2.11	40.05 -16.08 56.70	45.92 -14.35 39.56	41.75 -8.75 15.02	64.22 -9.71 0.84
OH_GEN_PROXY 24063	128.10 -12.06 0.00	59.80 -5.76 0.00	114.35 -11.03 0.00	150.41 -14.94 0.00	140.62 -12.77 -11.73	159.60 -13.75 0.00	106.53 -9.49 0.00	100.50 -10.77 -3.85	100.95 -10.42 -2.27	77.84 -8.24 0.00	71.82 -8.83 -0.22	81.08 -10.54 0.01	74.05 -9.44 0.00	71.20 -10.28 0.01	82.13 -11.42 0.00	95.36 -13.91 0.00	78.02 -11.66 0.02	78.01 -13.24 9.88	44.74 -7.45 4.62	39.83 -6.16 0.76	43.63 -15.03 54.18	48.52 -13.41 37.89	43.21 -8.14 14.17	65.04 -8.91 0.81
OLIN_CORP_DRP 24177	127.22 -12.94 0.00	59.42 -6.14 0.00	113.67 -11.71 0.00	149.42 -15.93 0.00	128.10 -13.56 0.00	158.68 -14.67 0.00	105.84 -10.18 0.00	99.70 -11.64 -3.92	100.15 -11.26 -2.32	77.19 -8.89 0.00	71.14 -9.56 -0.27	80.17 -11.46 -0.01	73.27 -10.24 0.00	70.33 -11.15 -0.01	81.23 -12.33 0.00	93.93 -15.35 0.00	76.83 -12.85 0.02	75.80 -14.00 11.33	43.07 -7.84 5.90	38.29 -6.45 2.01	40.74 -15.59 56.51	46.45 -13.84 39.54	41.74 -8.44 15.33	64.30 -9.61 0.86
OLIN_CORP_DSASP 323712	126.53 -13.63 0.00	59.10 -6.45 0.00	113.07 -12.31 0.00	148.64 -16.72 0.00	127.37 -14.29 0.00	157.89 -15.46 0.00	105.21 -10.81 0.00	99.03 -12.27 -3.88	99.55 -11.84 -2.29	76.71 -9.37 0.00	70.73 -9.94 -0.24	79.77 -11.85 0.00	72.82 -10.68 0.00	69.97 -11.51 0.00	80.72 -12.83 0.00	93.67 -15.61 0.00	76.64 -13.03 0.02	75.01 -14.99 11.12	42.73 -8.32 5.76	37.97 -6.67 2.11	40.02 -16.12 56.70	45.96 -14.31 39.56	41.77 -8.72 15.02	64.20 -9.73 0.84
ONEIDA_HERK_LFGE 323681	143.17 3.01 0.00	67.29 1.74 0.00	129.36 3.97 0.00	170.86 5.51 0.00	146.90 5.25 0.00	180.41 7.06 0.00	121.10 5.08 0.00	112.24 4.07 -0.76	113.39 3.84 -0.45	89.21 3.13 0.00	83.76 3.29 -0.05	95.11 3.48 0.00	85.97 2.47 0.00	83.68 2.20 0.00	96.48 2.92 0.00	113.34 4.06 0.00	93.15 3.46 0.00	105.05 3.08 -0.85	60.16 1.52 -1.83	51.96 1.40 -3.81	115.85 3.01 0.00	102.40 2.58 0.00	66.93 1.39 -0.03	75.94 1.18 0.00
ONEIDA___115KV_TB4 55905	143.82 3.66 0.00	67.35 1.79 0.00	128.93 3.55 0.00	169.90 4.54 0.00	146.05 4.39 0.00	179.96 6.61 0.00	121.30 5.28 0.00	113.70 4.83 -1.45	114.87 4.91 -0.86	89.47 3.39 0.00	83.31 2.79 -0.09	94.34 2.72 0.00	85.79 2.29 0.00	83.62 2.14 0.00	95.98 2.43 0.00	112.79 3.52 0.00	92.91 3.21 0.00	106.43 3.67 -1.63	62.29 1.98 -3.50	55.64 1.59 -7.29	116.22 3.39 0.00	102.50 2.67 0.00	67.15 1.58 -0.06	76.21 1.44 0.00
ONONDAGA_REF_OCCRA 23987	138.75 -1.41 0.00	64.85 -0.71 0.00	123.69 -1.70 0.00	162.53 -2.82 0.00	139.71 -1.95 0.00	171.87 -1.48 0.00	115.75 -0.27 0.00	109.84 -0.37 -2.78	110.54 -0.20 -1.64	85.64 -0.44 0.00	79.82 -0.78 -0.17	90.49 -1.14 0.00	82.46 -1.04 0.00	80.29 -1.19 0.00	92.22 -1.34 0.00	108.07 -1.21 0.00	88.86 -0.83 0.00	106.34 -0.84 -6.06	66.00 -0.45 -9.64	64.98 -0.45 -18.67	127.68 -1.57 -16.41	109.80 -1.83 -11.80	68.42 -1.27 -4.18	73.37 -1.68 -0.28
ONONDAGA___COGEN 23986	138.38 -1.78 0.00	64.66 -0.90 0.00	123.20 -2.19 0.00	161.78 -3.57 0.00	139.38 -2.28 0.00	171.35 -2.00 0.00	115.38 -0.64 0.00	109.26 -0.74 -2.59	110.06 -0.56 -1.53	85.37 -0.71 0.00	79.58 -1.01 -0.16	90.25 -1.37 0.00	82.28 -1.22 0.00	80.00 -1.48 0.00	92.00 -1.53 0.00	107.84 -1.43 0.00	88.64 -1.05 0.00	102.71 -1.30 -2.89	62.41 -0.65 -6.24	59.09 -0.65 -12.99	110.79 -2.05 0.00	97.24 -2.58 0.00	63.83 -1.78 -0.11	72.53 -2.24 0.00
ONTARIO___LFGE 23819	138.31 -1.86 0.00	64.76 -0.80 0.00	123.14 -2.24 0.00	161.39 -3.96 0.00	138.93 -2.73 0.00	171.38 -1.97 0.00	115.77 -0.25 0.00	110.35 -0.74 -3.68	111.18 -0.09 -2.17	85.62 -0.45 0.00	79.40 -1.26 -0.23	89.79 -1.83 0.00	82.17 -1.33 0.00	79.67 -1.81 0.00	91.48 -2.07 0.00	107.13 -2.15 0.00	88.14 -1.57 -0.01	95.08 -2.02 4.02	56.24 -1.07 -0.50	49.05 -0.98 -3.28	44.87 -3.02 64.95	49.12 -3.25 47.46	48.05 -2.26 15.21	70.74 -2.84 1.19
ORANGEVILLE_WT_PWR 323706	131.50 -8.66 0.00	61.45 -4.11 0.00	117.53 -7.85 0.00	154.43 -10.92 0.00	132.19 -9.47 0.00	163.06 -10.29 0.00	109.91 -6.12 0.00	105.22 -6.87 -4.67	105.73 -6.12 -2.76	80.65 -5.43 0.00	75.00 -5.72 -0.29	84.49 -7.14 0.00	77.36 -6.14 0.00	74.44 -7.04 0.00	85.63 -7.92 0.00	99.38 -9.89 0.00	81.04 -8.56 0.09	54.99 -10.23 35.91	22.43 -5.96 28.42	12.44 -5.26 29.05	-6.27 -12.93 106.18	16.64 -11.84 71.34	27.06 -7.61 30.85	64.93 -8.55 1.29
ORANGEVILLE___ESR 323794	131.50 -8.66 0.00	61.45 -4.11 0.00	117.53 -7.85 0.00	154.43 -10.92 0.00	132.19 -9.47 0.00	163.06 -10.29 0.00	109.91 -6.12 0.00	105.22 -6.87 -4.67	105.73 -6.12 -2.76	80.65 -5.43 0.00	75.00 -5.72 -0.29	84.49 -7.14 0.00	77.36 -6.14 0.00	74.44 -7.04 0.00	85.63 -7.92 0.00	99.38 -9.89 0.00	81.04 -8.56 0.09	54.99 -10.23 35.91	22.43 -5.96 28.42	12.44 -5.26 29.05	-6.27 -12.93 106.18	16.64 -11.84 71.34	27.06 -7.61 30.85	64.93 -8.55 1.29
OSWEGATCHIE___HYD 24044	140.45 0.29 0.00	66.21 0.65 0.00	127.90 2.52 0.00	170.26 4.91 0.00	145.64 3.98 0.00	176.72 3.37 0.00	117.65 1.63 0.00	108.48 0.41 -0.65	109.21 -0.28 -0.38	86.45 0.38 0.00	81.86 1.40 -0.04	93.38 1.76 0.00	84.34 0.84 0.00	82.03 0.55 0.00	94.88 1.32 0.00	110.95 1.68 0.00	90.84 1.14 0.00	101.64 -0.21 -0.73	57.90 -0.48 -1.57	49.87 -0.15 -3.26	112.53 -0.30 0.00	99.93 0.11 0.00	65.51 -0.03 -0.03	75.02 0.24 0.00
OSWEGO___5 23606	135.83 -4.33 0.00	63.51 -2.05 0.00	121.29 -4.09 0.00	159.58 -5.77 0.00	136.96 -4.70 0.00	168.21 -5.14 0.00	112.98 -3.04 0.00	106.26 -2.97 -1.82	107.28 -2.89 -1.07	83.65 -2.43 0.00	78.03 -2.50 -0.11	88.64 -2.99 0.00	80.76 -2.74 0.00	78.66 -2.81 0.00	90.37 -3.18 0.00	105.73 -3.55 0.00	86.80 -2.90 0.00	99.92 -3.22 -2.02	59.41 -1.78 -4.38	54.37 -1.49 -9.11	108.91 -3.93 0.00	96.13 -3.69 0.00	63.16 -2.43 -0.07	71.87 -2.90 0.00

OSWEGO___6 23613	135.83 -4.33 0.00	63.51 -2.05 0.00	121.29 -4.09 0.00	159.58 -5.77 0.00	136.96 -4.70 0.00	168.21 -5.14 0.00	112.98 -3.04 0.00	106.26 -2.97 -1.82	107.28 -2.89 -1.07	83.65 -2.43 0.00	78.03 -2.50 -0.11	88.64 -2.99 0.00	80.76 -2.74 0.00	78.66 -2.81 0.00	90.37 -3.18 0.00	105.73 -3.55 0.00	86.80 -2.90 0.00	99.92 -3.22 -2.02	59.41 -1.78 -4.38	54.37 -1.49 -9.11	108.91 -3.93 0.00	96.13 -3.69 0.00	63.16 -2.43 -0.07	71.87 -2.90 0.00
OUTOKUMPU-AB___DRP 24206	129.42 -10.74 0.00	60.42 -5.14 0.00	115.43 -9.95 0.00	151.81 -13.54 0.00	130.17 -11.49 0.00	161.24 -12.10 0.00	107.89 -8.13 0.00	101.72 -9.65 -3.95	102.24 -9.19 -2.34	78.80 -7.28 0.00	72.73 -7.98 -0.28	82.07 -9.57 -0.01	74.94 -8.57 0.00	71.98 -9.50 -0.01	83.03 -10.53 0.00	96.36 -12.92 0.00	78.81 -10.86 0.02	77.09 -12.19 11.84	43.62 -6.83 6.36	38.37 -5.63 2.76	40.41 -13.65 58.78	46.56 -12.26 41.00	42.32 -7.49 15.70	65.47 -8.43 0.87
OXBOW___BTM 323836	127.66 -12.50 0.00	59.61 -5.95 0.00	113.95 -11.43 0.00	149.84 -15.51 0.00	128.45 -13.20 0.00	159.17 -14.18 0.00	106.31 -9.71 0.00	100.17 -11.16 -3.92	100.71 -10.70 -2.32	77.61 -8.46 0.00	71.59 -9.09 -0.26	80.76 -10.86 -0.01	73.72 -9.78 0.00	70.85 -10.63 0.00	81.70 -11.85 0.00	94.86 -14.42 0.00	77.57 -12.10 0.02	75.85 -13.79 11.48	43.09 -7.65 6.07	38.09 -6.22 2.44	39.97 -15.10 57.76	46.10 -13.43 40.29	41.92 -8.23 15.36	64.69 -9.23 0.85
OXBOW___ 24026	127.66 -12.50 0.00	59.61 -5.95 0.00	113.95 -11.43 0.00	149.84 -15.51 0.00	128.46 -13.20 0.00	159.15 -14.20 0.00	106.30 -9.72 0.00	100.16 -11.17 -3.92	100.69 -10.72 -2.32	77.61 -8.47 0.00	71.58 -9.11 -0.26	80.75 -10.88 -0.01	73.73 -9.77 0.00	70.82 -10.66 0.00	81.70 -11.85 0.00	94.83 -14.45 0.00	77.56 -12.11 0.02	75.93 -13.71 11.48	43.10 -7.64 6.07	38.09 -6.22 2.44	40.02 -15.05 57.76	46.06 -13.47 40.29	41.91 -8.23 15.36	64.71 -9.20 0.85
OXY_CHEM_DSASP 323612	126.54 -13.62 0.00	59.10 -6.46 0.00	113.07 -12.32 0.00	148.63 -16.72 0.00	127.38 -14.28 0.00	157.83 -15.52 0.00	105.20 -10.82 0.00	99.03 -12.28 -3.88	99.54 -11.85 -2.29	76.70 -9.38 0.00	70.69 -9.98 -0.24	79.76 -11.86 0.00	72.82 -10.68 0.00	69.94 -11.54 0.00	80.71 -12.84 0.00	93.65 -15.62 0.00	76.63 -13.04 0.02	75.07 -14.94 11.12	42.77 -8.28 5.76	37.97 -6.67 2.11	40.05 -16.08 56.70	45.92 -14.35 39.56	41.75 -8.75 15.02	64.22 -9.71 0.84
OZONE_PARK_ESR 323760	150.22 10.06 0.00	69.90 4.35 0.00	132.45 7.07 0.00	172.83 7.47 0.00	148.44 6.79 0.00	183.95 10.60 0.00	125.28 9.26 0.00	142.11 9.21 -25.49	134.02 9.89 -15.03	94.13 8.05 0.00	88.98 6.96 -1.59	99.28 7.65 0.00	90.01 6.51 0.00	87.98 6.50 0.00	100.92 7.37 0.00	118.34 9.07 0.00	97.33 7.64 0.00	139.21 9.68 -28.41	123.82 5.47 -61.54	179.06 4.31 -128.00	122.52 9.68 0.00	107.83 8.00 0.00	71.60 5.03 -1.06	79.60 4.83 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	126.54 -13.62 0.00	59.10 -6.46 0.00	113.07 -12.32 0.00	148.63 -16.72 0.00	127.38 -14.28 0.00	157.83 -15.52 0.00	105.20 -10.82 0.00	99.03 -12.28 -3.88	99.54 -11.85 -2.29	76.70 -9.38 0.00	70.69 -9.98 -0.24	79.76 -11.86 0.00	72.82 -10.68 0.00	69.94 -11.54 0.00	80.71 -12.84 0.00	93.65 -15.62 0.00	76.63 -13.04 0.02	75.07 -14.94 11.12	42.77 -8.28 5.76	37.97 -6.67 2.11	40.05 -16.08 56.70	45.92 -14.35 39.56	41.75 -8.75 15.02	64.22 -9.71 0.84
PACKARD___115KV_DUPONT_184 80571	126.54 -13.62 0.00	59.10 -6.46 0.00	113.07 -12.32 0.00	148.63 -16.72 0.00	127.38 -14.28 0.00	157.83 -15.52 0.00	105.20 -10.82 0.00	99.03 -12.28 -3.88	99.54 -11.85 -2.29	76.70 -9.38 0.00	70.69 -9.98 -0.24	79.76 -11.86 0.00	72.82 -10.68 0.00	69.94 -11.54 0.00	80.71 -12.84 0.00	93.65 -15.62 0.00	76.63 -13.04 0.02	75.07 -14.94 11.12	42.77 -8.28 5.76	37.97 -6.67 2.11	40.05 -16.08 56.70	45.92 -14.35 39.56	41.75 -8.75 15.02	64.22 -9.71 0.84
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	148.90 8.74 0.00	69.28 3.72 0.00	131.30 5.92 0.00	171.24 5.89 0.00	147.21 5.55 0.00	182.33 8.98 0.00	123.94 7.92 0.00	140.86 7.95 -25.49	132.70 8.56 -15.03	93.11 7.03 0.00	88.13 6.03 -1.67	98.68 6.61 -0.45	89.09 5.50 -0.08	87.06 5.58 0.00	99.88 6.32 0.00	117.08 7.81 0.00	96.27 6.58 0.00	137.90 8.36 -28.41	123.11 4.75 -61.55	178.51 3.74 -128.01	121.24 8.40 0.00	106.81 6.98 0.00	70.88 4.30 -1.06	78.74 3.97 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	149.41 9.25 0.00	69.42 3.86 0.00	131.42 6.04 0.00	171.50 6.15 0.00	147.44 5.79 0.00	182.67 9.32 0.00	124.43 8.41 0.00	141.48 8.57 -25.49	133.23 9.10 -15.03	93.42 7.34 0.00	88.31 6.21 -1.67	98.83 6.75 -0.45	89.25 5.66 -0.08	87.17 5.68 0.00	99.98 6.42 0.00	117.25 7.98 0.00	96.42 6.73 0.00	138.05 8.52 -28.41	123.23 4.87 -61.55	178.60 3.84 -128.01	121.46 8.62 0.00	106.93 7.10 0.00	70.98 4.40 -1.06	78.82 4.06 0.00
PATROON___115KV_TB1 80586	145.86 5.70 0.00	68.22 2.66 0.00	130.16 4.77 0.00	170.48 5.13 0.00	146.12 4.46 0.00	179.29 5.94 0.00	120.48 4.46 0.00	143.05 4.24 -31.40	132.04 4.42 -18.52	89.65 3.57 0.00	86.12 3.73 -1.96	95.64 4.01 0.00	86.97 3.47 0.00	84.98 3.49 0.00	97.09 3.54 0.00	112.68 3.40 0.00	92.67 2.98 0.00	139.93 3.81 -35.00	134.89 2.25 -75.83	206.29 1.83 -157.71	117.19 4.35 0.00	103.74 3.91 0.00	69.72 2.89 -1.31	77.99 3.23 0.00
PATTRSNVILLE___SOLAR 323815	146.53 6.37 0.00	68.45 2.90 0.00	130.74 5.36 0.00	171.61 6.26 0.00	147.24 5.58 0.00	181.19 7.84 0.00	122.10 6.07 0.00	146.12 5.61 -33.09	133.79 5.17 -19.52	89.57 3.49 0.00	85.23 2.74 -2.07	94.52 2.90 0.00	86.20 2.70 0.00	84.64 3.16 -0.01	96.83 3.27 0.00	113.78 4.50 0.00	93.92 4.22 0.00	143.27 5.27 -36.88	139.74 3.03 -79.90	215.41 2.48 -166.17	118.44 5.60 0.00	104.57 4.75 0.00	69.89 3.00 -1.38	77.85 3.09 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	133.49 -6.67 0.00	62.24 -3.32 0.00	118.87 -6.51 0.00	156.31 -9.05 0.00	134.06 -7.60 0.00	165.79 -7.56 0.00	111.09 -4.94 0.00	105.38 -6.35 -4.32	106.01 -5.64 -2.55	81.60 -4.47 0.00	75.50 -5.21 -0.28	85.21 -6.42 0.00	78.00 -5.49 0.00	74.82 -6.66 0.00	86.29 -7.27 0.00	100.31 -8.97 0.00	81.94 -7.72 0.03	79.55 -8.46 13.11	44.69 -4.98 7.14	39.04 -4.26 3.45	35.85 -10.25 66.74	43.78 -9.38 46.67	42.11 -5.67 17.73	67.32 -6.44 1.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	150.39 10.22 0.00	70.08 4.52 0.00	133.13 7.75 0.00	173.96 8.61 0.00	149.47 7.81 0.00	184.96 11.61 0.00	125.81 9.78 0.00	142.69 9.52 -25.75	134.27 9.98 -15.19	94.01 7.93 0.00	88.96 6.92 -1.61	99.18 7.56 0.00	89.85 6.35 0.00	87.87 6.38 0.00	100.87 7.31 0.00	118.21 8.93 0.00	97.27 7.58 0.00	139.32 9.50 -28.71	124.42 5.42 -62.19	180.43 4.33 -129.34	122.63 9.78 0.00	107.99 8.16 0.00	71.73 5.14 -1.08	79.84 5.07 0.00
PEEKSKILL___ 23653	148.04 7.88 0.00	68.96 3.41 0.00	130.95 5.57 0.00	170.99 5.63 0.00	146.88 5.22 0.00	181.66 8.31 0.00	123.44 7.42 0.00	139.97 7.33 -25.23	131.85 7.87 -14.88	92.48 6.41 0.00	87.52 5.51 -1.58	97.66 6.04 0.00	88.54 5.04 0.00	86.59 5.11 0.00	99.38 5.82 0.00	116.45 7.18 0.00	95.74 6.05 0.00	136.98 7.74 -28.12	122.13 4.40 -60.91	176.95 3.51 -126.69	120.73 7.89 0.00	106.30 6.48 0.00	70.62 4.06 -1.05	78.69 3.92 0.00

PGE MADISON___WINDPWR 24146	145.43 5.27 0.00	67.80 2.24 0.00	129.62 4.24 0.00	171.57 6.22 0.00	148.98 7.32 0.00	187.16 13.81 0.00	128.03 12.01 0.00	126.51 11.22 -7.88	126.40 12.65 -4.64	95.86 9.78 0.00	87.67 6.75 -0.49	98.69 7.07 0.00	89.93 6.44 0.00	88.18 6.70 0.00	102.20 8.64 0.00	120.16 10.89 0.00	98.88 9.18 0.00	137.08 10.42 -25.53	98.10 5.57 -35.72	116.03 3.46 -65.81	206.40 5.91 -87.66	166.42 3.84 -62.76	89.62 1.82 -22.28	77.73 1.50 -1.47
PIERCEFIELD___HYD 23852	140.25 0.09 0.00	65.85 0.29 0.00	126.77 1.39 0.00	169.26 3.91 0.00	143.97 2.31 0.00	173.33 -0.02 0.00	114.61 -1.41 0.00	105.73 -1.69 0.00	106.68 -2.42 0.00	84.72 -1.35 0.00	80.01 -0.41 0.00	91.84 0.21 0.00	83.77 0.27 0.00	81.60 0.12 0.00	94.09 0.54 0.00	109.04 -0.23 0.00	89.16 -0.54 0.00	99.59 -1.53 0.00	55.75 -1.06 0.00	46.00 -0.76 0.00	111.46 -1.38 0.00	99.23 -0.60 0.00	65.38 -0.13 0.00	75.61 0.84 0.00
PINELAWN_CC_1 323563	155.66 11.25 -4.25	120.72 5.11 -50.05	134.65 8.70 -0.58	174.45 9.10 0.00	149.95 8.29 0.00	185.17 11.82 0.00	127.11 10.03 -1.06	141.91 9.01 -25.48	140.77 10.52 -21.15	96.66 8.38 -2.21	89.29 7.24 -1.63	99.84 8.00 -0.21	90.03 6.49 -0.04	87.95 6.47 0.00	101.36 7.81 0.00	176.55 10.43 -56.84	98.03 8.31 -0.02	140.10 10.58 -28.40	124.33 5.99 -61.53	188.26 4.84 -136.67	132.24 10.96 -8.43	108.84 9.01 0.00	84.87 5.94 -13.41	90.54 5.91 -9.86
PJM_GEN_HTP_PROXY 323702	148.72 8.56 0.00	69.24 3.68 0.00	131.31 5.92 0.00	171.33 5.98 0.00	147.17 5.51 0.00	112.14 8.84 70.05	123.93 7.91 0.00	140.78 7.88 -25.48	132.71 8.58 -15.03	93.09 7.01 0.00	88.14 6.08 -1.63	98.51 6.66 -0.22	89.14 5.60 -0.04	87.13 5.65 0.00	99.98 6.43 0.00	111.70 7.89 5.47	96.32 6.62 0.00	137.95 8.42 -28.40	123.12 4.77 -61.54	178.51 3.77 -127.98	121.26 8.42 0.00	106.74 6.91 0.00	70.91 4.33 -1.06	78.86 4.10 0.00
PJM_GEN_KEystone 24065	135.48 -4.69 0.00	63.04 -2.52 0.00	101.25 -5.31 18.82	66.72 -7.92 90.71	60.98 -6.44 74.24	88.27 -6.67 78.41	104.33 -4.12 7.57	112.65 -4.42 -9.66	111.21 -3.58 -5.69	83.29 -2.79 0.00	34.88 -3.30 42.25	42.67 -4.07 44.89	27.77 -3.63 52.10	40.27 -4.11 37.11	52.27 -4.60 36.68	72.31 -5.23 31.74	76.31 -4.69 8.69	94.21 -5.14 1.78	65.22 -3.06 -11.47	74.42 -2.59 -30.25	48.41 -7.00 57.42	40.49 -6.46 52.88	19.55 -3.93 42.03	47.96 -4.55 22.25
PJM_GEN_NEPTUNE_PROXY 323594	151.92 9.49 -2.27	96.51 4.26 -26.69	132.74 7.06 -0.31	172.51 7.16 0.00	148.28 6.62 0.00	113.08 9.77 70.05	125.08 8.49 -0.57	140.65 7.76 -25.48	137.79 8.97 -19.72	94.53 7.27 -1.18	88.39 6.33 -1.63	98.92 7.09 -0.22	89.28 5.75 -0.04	87.24 5.76 0.00	100.40 6.85 0.00	142.95 8.81 -24.86	96.81 7.10 -0.02	138.58 9.06 -28.40	123.50 5.16 -61.53	183.54 4.17 -132.61	126.72 6.17 -4.50	107.48 7.66 0.00	78.17 5.01 -7.65	84.45 4.91 -4.77
PJM_GEN_VFT_PROXY 323633	147.84 7.68 0.00	68.80 3.24 0.00	130.52 5.14 0.00	170.28 4.93 0.00	146.16 4.50 0.00	111.05 7.75 70.05	123.18 7.16 0.00	140.17 7.26 -25.49	131.96 7.83 -15.03	92.56 6.48 0.00	85.89 5.45 -0.01	94.97 5.93 2.58	86.80 4.94 1.64	86.53 5.04 0.00	99.25 5.69 0.00	110.86 7.06 5.47	93.87 6.03 1.86	128.08 7.81 -19.14	122.77 4.41 -61.54	178.08 3.43 -127.90	120.49 7.65 0.00	106.00 6.17 0.00	70.41 3.84 -1.06	78.28 3.51 0.00
PLATSBURG_115KV_PMLD1 355749	137.05 -3.11 0.00	64.26 -1.30 0.00	124.24 -1.15 0.00	165.92 0.57 0.00	141.22 -0.44 0.00	172.79 -0.56 0.00	114.78 -1.24 0.00	106.18 -1.24 0.00	106.78 -2.32 0.00	83.80 -2.28 0.00	79.08 -1.35 0.00	91.01 -0.61 0.00	83.17 -0.33 0.00	81.82 0.34 0.00	94.96 1.41 0.00	111.02 1.75 0.00	90.65 0.95 0.00	101.02 -0.10 0.00	56.57 -0.24 0.00	46.58 -0.18 0.00	112.07 -0.76 0.00	98.84 -0.99 0.00	64.66 -0.85 0.00	75.55 0.78 0.00
PLEASANTVLY___LBMP 24000	147.74 7.58 0.00	68.85 3.29 0.00	130.89 5.51 0.00	171.03 5.67 0.00	146.84 5.18 0.00	181.40 8.05 0.00	123.13 7.11 0.00	140.95 6.97 -26.56	132.20 7.44 -15.67	92.10 6.03 0.00	87.41 5.33 -1.66	97.44 5.82 0.00	88.31 4.81 0.00	86.38 4.89 0.00	99.17 5.62 0.00	116.06 6.78 0.00	95.31 5.62 0.00	137.91 7.18 -29.61	125.06 4.11 -64.14	183.46 3.30 -133.41	120.19 7.35 0.00	105.99 6.17 0.00	70.55 3.93 -1.11	78.58 3.81 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	148.53 8.37 0.00	69.25 3.69 0.00	131.48 6.10 0.00	171.65 6.29 0.00	147.45 5.79 0.00	182.36 9.01 0.00	123.94 7.91 0.00	140.86 7.77 -25.67	132.56 8.32 -15.14	92.85 6.77 0.00	87.92 5.89 -1.60	98.08 6.46 0.00	88.89 5.39 0.00	86.94 5.46 0.00	99.80 6.24 0.00	116.93 7.65 0.00	96.04 6.35 0.00	137.84 8.10 -28.61	123.43 4.63 -61.99	179.39 3.70 -128.93	121.07 8.23 0.00	106.66 6.83 0.00	70.89 4.31 -1.07	78.95 4.18 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	148.53 8.37 0.00	69.25 3.69 0.00	131.48 6.10 0.00	171.65 6.29 0.00	147.45 5.79 0.00	182.36 9.01 0.00	123.94 7.91 0.00	140.86 7.77 -25.67	132.56 8.32 -15.14	92.85 6.77 0.00	87.92 5.89 -1.60	98.08 6.46 0.00	88.89 5.39 0.00	86.94 5.46 0.00	99.80 6.24 0.00	116.93 7.65 0.00	96.04 6.35 0.00	137.84 8.10 -28.61	123.43 4.63 -61.99	179.39 3.70 -128.93	121.07 8.23 0.00	106.66 6.83 0.00	70.89 4.31 -1.07	78.95 4.18 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	149.58 9.42 0.00	69.69 4.13 0.00	132.46 7.08 0.00	173.15 7.79 0.00	148.65 6.99 0.00	183.81 10.46 0.00	124.93 8.91 0.00	142.16 8.73 -26.02	133.54 9.10 -15.35	93.29 7.21 0.00	88.35 6.30 -1.63	98.45 6.83 0.00	89.16 5.66 0.00	87.21 5.73 0.00	100.17 6.61 0.00	117.42 8.14 0.00	96.59 6.89 0.00	138.58 8.42 -29.03	124.53 4.82 -62.89	181.46 3.89 -130.81	121.57 8.73 0.00	107.12 7.30 0.00	71.23 4.63 -1.09	79.33 4.56 0.00
POLETTI___ 23519	148.26 8.10 0.00	69.02 3.47 0.00	130.76 5.38 0.00	170.52 5.17 0.00	146.47 4.81 0.00	181.45 8.10 0.00	123.45 7.43 0.00	140.36 7.46 -25.49	132.28 8.15 -15.03	92.80 6.73 0.00	87.85 5.83 -1.59	98.01 6.38 0.00	88.85 5.35 0.00	86.90 5.42 0.00	99.63 6.07 0.00	116.80 7.52 0.00	96.08 6.39 0.00	137.63 8.10 -28.41	122.96 4.61 -61.54	178.35 3.60 -128.00	120.84 8.00 0.00	106.41 6.58 0.00	70.71 4.13 -1.06	78.63 3.86 0.00
POMONA___ESR 323819	147.69 7.53 0.00	68.79 3.23 0.00	130.61 5.22 0.00	170.60 5.25 0.00	146.55 4.89 0.00	181.28 7.93 0.00	123.13 7.11 0.00	139.05 7.06 -24.58	131.18 7.59 -14.50	92.28 6.20 0.00	87.23 5.27 -1.54	97.43 5.80 0.00	88.30 4.80 0.00	86.39 4.91 0.00	99.14 5.59 0.00	116.16 6.89 0.00	95.51 5.82 0.00	136.05 7.53 -27.40	120.44 4.27 -59.35	173.61 3.41 -123.44	120.47 7.63 0.00	106.06 6.23 0.00	70.45 3.91 -1.03	78.49 3.72 0.00
PORT_JEFF_3 23555	156.70 12.29 -4.25	121.22 5.62 -50.05	135.64 9.69 -0.58	175.51 10.16 0.00	150.83 9.16 0.00	186.25 12.90 0.00	127.54 10.46 -1.06	142.08 9.18 -25.48	141.52 11.27 -21.15	97.19 8.91 -2.21	89.75 7.74 -1.59	100.22 8.60 0.00	90.44 6.94 0.00	88.37 6.89 0.00	102.11 8.55 0.00	177.57 11.45 -56.84	98.50 8.78 -0.02	140.74 11.22 -28.40	124.61 6.27 -61.53	188.49 5.07 -136.67	133.07 11.80 -8.43	109.63 9.80 0.00	85.49 6.57 -13.41	91.25 6.62 -9.86

PORT_JEFF_4 23616	156.70 12.29 -4.25	121.22 5.62 -50.05	135.64 9.69 -0.58	175.51 10.16 0.00	150.83 9.16 0.00	186.25 12.90 0.00	127.54 10.46 -1.06	142.08 9.18 -25.48	141.52 11.27 -21.15	97.19 8.91 -2.21	89.75 7.74 -1.59	100.22 8.60 0.00	90.44 6.94 0.00	88.37 6.89 0.00	102.11 8.55 0.00	177.57 11.45 -56.84	98.50 8.78 -0.02	140.74 11.22 -28.40	124.61 6.27 -61.53	188.49 5.07 -136.67	133.07 11.80 -8.43	109.63 9.80 0.00	85.49 6.57 -13.41	91.25 6.62 -9.86
PORT_JEFF_IC 23713	156.84 12.43 -4.25	121.29 5.68 -50.05	135.76 9.80 -0.58	175.60 10.25 0.00	150.92 9.26 0.00	186.46 13.11 0.00	127.64 10.56 -1.06	142.16 9.27 -25.48	141.67 11.42 -21.15	97.33 9.05 -2.21	89.88 7.86 -1.59	100.31 8.68 0.00	90.52 7.02 0.00	88.45 6.96 0.00	102.21 8.65 0.00	177.67 11.55 -56.84	98.47 8.75 -0.02	140.76 11.23 -28.40	124.59 6.25 -61.53	188.48 5.05 -136.67	133.12 11.85 -8.43	109.73 9.90 0.00	85.55 6.62 -13.41	91.32 6.69 -9.86
PPL PILGRIM_ST_GT1 24216	156.92 12.51 -4.25	121.33 5.72 -50.05	135.87 9.92 -0.58	175.86 10.51 0.00	150.86 9.20 0.00	186.19 12.84 0.00	127.18 10.09 -1.06	141.49 8.59 -25.48	141.10 10.85 -21.15	97.20 8.92 -2.21	90.03 8.01 -1.59	100.48 8.85 0.00	90.70 7.20 0.00	88.63 7.15 0.00	102.29 8.74 0.00	177.55 11.43 -56.84	98.45 8.73 -0.02	140.61 11.09 -28.40	124.58 6.24 -61.53	188.49 5.07 -136.67	132.73 11.46 -8.43	109.31 9.48 0.00	85.26 6.33 -13.41	91.05 6.42 -9.86
PPL PILGRIM_ST_GT2 24217	156.92 12.51 -4.25	121.33 5.72 -50.05	135.87 9.92 -0.58	175.86 10.51 0.00	150.86 9.20 0.00	186.19 12.84 0.00	127.18 10.09 -1.06	141.49 8.59 -25.48	141.10 10.85 -21.15	97.20 8.92 -2.21	90.03 8.01 -1.59	100.48 8.85 0.00	90.70 7.20 0.00	88.63 7.15 0.00	102.29 8.74 0.00	177.55 11.43 -56.84	98.45 8.73 -0.02	140.61 11.09 -28.40	124.58 6.24 -61.53	188.49 5.07 -136.67	132.73 11.46 -8.43	109.31 9.48 0.00	85.26 6.33 -13.41	91.05 6.42 -9.86
PPL_SHRM_GT3 24213	157.56 13.15 -4.25	121.59 5.99 -50.05	136.35 10.39 -0.58	175.94 10.59 0.00	150.84 9.18 0.00	186.38 13.03 0.00	127.19 10.11 -1.06	141.46 8.56 -25.48	142.31 12.06 -21.15	97.65 9.36 -2.21	90.02 8.00 -1.59	100.50 8.87 0.00	90.60 7.10 0.00	88.53 7.04 0.00	102.39 8.83 0.00	178.28 12.16 -56.84	98.97 9.26 -0.02	141.37 11.85 -28.40	124.69 6.35 -61.53	188.49 5.07 -136.67	132.97 11.70 -8.43	109.71 9.88 0.00	85.72 6.79 -13.41	91.46 6.83 -9.86
PPL_SHRM_GT4 24214	157.56 13.15 -4.25	121.59 5.99 -50.05	136.35 10.39 -0.58	175.94 10.59 0.00	150.84 9.18 0.00	186.38 13.03 0.00	127.19 10.11 -1.06	141.46 8.56 -25.48	142.31 12.06 -21.15	97.65 9.36 -2.21	90.02 8.00 -1.59	100.50 8.87 0.00	90.60 7.10 0.00	88.53 7.04 0.00	102.39 8.83 0.00	178.28 12.16 -56.84	98.97 9.26 -0.02	141.37 11.85 -28.40	124.69 6.35 -61.53	188.49 5.07 -136.67	132.97 11.70 -8.43	109.71 9.88 0.00	85.72 6.79 -13.41	91.46 6.83 -9.86
PROJECT___ORANGE 1 24174	137.67 -2.49 0.00	64.36 -1.20 0.00	122.79 -2.60 0.00	161.39 -3.96 0.00	138.61 -3.05 0.00	170.53 -2.82 0.00	114.80 -1.22 0.00	108.42 -1.28 -2.28	109.33 -1.12 -1.35	84.97 -1.11 0.00	79.19 -1.38 -0.14	89.84 -1.78 0.00	81.86 -1.64 0.00	79.70 -1.78 0.00	91.58 -1.97 0.00	107.22 -2.05 0.00	88.20 -1.49 0.00	102.03 -1.66 -2.56	61.37 -0.95 -5.51	57.37 -0.83 -11.45	110.41 -2.43 0.00	97.30 -2.53 0.00	63.90 -1.71 -0.09	72.62 -2.14 0.00
PROJECT___ORANGE 2 24166	137.67 -2.49 0.00	64.36 -1.20 0.00	122.79 -2.60 0.00	161.39 -3.96 0.00	138.61 -3.05 0.00	170.53 -2.82 0.00	114.80 -1.22 0.00	108.42 -1.28 -2.28	109.33 -1.12 -1.35	84.97 -1.11 0.00	79.19 -1.38 -0.14	89.84 -1.78 0.00	81.86 -1.64 0.00	79.70 -1.78 0.00	91.58 -1.97 0.00	107.22 -2.05 0.00	88.20 -1.49 0.00	102.03 -1.66 -2.56	61.37 -0.95 -5.51	57.37 -0.83 -11.45	110.41 -2.43 0.00	97.30 -2.53 0.00	63.90 -1.71 -0.09	72.62 -2.14 0.00
PUCKETT___SOLAR 323809	140.98 0.82 0.00	65.81 0.25 0.00	125.59 0.20 0.00	165.31 -0.04 0.00	142.58 0.92 0.00	176.08 2.73 0.00	118.95 2.93 0.00	118.45 2.63 -8.40	117.32 3.27 -4.96	88.33 2.25 0.00	81.91 0.96 -0.52	92.39 0.77 0.00	84.46 0.97 0.00	82.34 0.86 0.00	94.46 0.91 0.00	111.43 2.15 0.00	91.56 1.87 0.00	112.72 2.22 -9.38	78.13 1.00 -20.32	89.62 0.60 -42.26	113.19 0.35 0.00	99.57 -0.25 0.00	65.51 -0.35 -0.35	74.08 -0.69 0.00
PYRITES___HYD 24023	142.84 2.68 0.00	67.03 1.48 0.00	129.05 3.67 0.00	172.34 6.99 0.00	146.84 5.18 0.00	176.71 3.36 0.00	116.89 0.87 0.00	107.97 0.56 0.00	108.87 -0.23 0.00	86.17 0.09 0.00	81.29 0.87 0.00	93.30 1.68 0.00	85.27 1.77 0.00	82.98 1.51 0.00	95.59 2.04 0.00	110.67 1.40 0.00	90.88 1.19 0.00	101.83 0.71 0.00	57.01 0.20 0.00	47.02 0.27 0.00	114.01 1.17 0.00	101.28 1.45 0.00	66.72 1.22 0.00	77.11 2.34 0.00
QUAKERRD_115KV_BK1 80622	132.41 -7.75 0.00	61.89 -3.67 0.00	118.18 -7.20 0.00	155.41 -9.94 0.00	133.35 -8.31 0.00	164.61 -8.74 0.00	110.61 -5.41 0.00	104.57 -5.85 -3.00	105.15 -5.72 -1.77	81.32 -4.76 0.00	75.48 -5.14 -0.19	85.54 -6.08 0.00	78.08 -5.42 0.00	75.61 -5.87 0.00	87.07 -6.48 0.00	101.63 -7.64 0.00	83.39 -6.31 0.00	92.33 -7.10 1.69	55.02 -3.98 -2.19	50.36 -3.34 -6.94	76.06 -8.39 28.39	71.60 -7.82 20.41	53.65 -4.95 6.90	68.71 -5.57 0.48
QUEENSBRY_115KV_TB8 356137	153.27 13.11 0.00	71.54 5.98 0.00	136.41 11.02 0.00	178.10 12.75 0.00	152.37 10.71 0.00	187.08 13.73 0.00	126.50 10.48 0.00	148.71 9.09 -32.20	136.65 8.56 -18.99	92.09 6.01 0.00	87.73 5.29 -2.01	96.90 5.28 0.00	87.96 4.46 0.00	86.35 4.87 0.00	99.01 5.46 0.00	116.29 7.01 0.00	95.73 6.04 0.00	144.84 7.83 -35.88	139.15 4.59 -77.75	212.21 3.75 -161.70	121.41 8.57 0.00	107.08 7.26 0.00	71.33 4.47 -1.34	79.48 4.71 0.00
RAMAPO___LBMP 323565	147.32 7.16 0.00	68.63 3.07 0.00	130.33 4.94 0.00	170.25 4.90 0.00	146.26 4.60 0.00	180.84 7.49 0.00	122.80 6.78 0.00	138.65 6.73 -24.50	130.78 7.23 -14.45	92.00 5.92 0.00	86.96 5.01 -1.53	97.11 5.48 0.00	88.03 4.54 0.00	86.12 4.64 0.00	98.79 5.24 0.00	115.81 6.53 0.00	95.22 5.52 0.00	135.60 7.16 -27.31	120.05 4.08 -59.17	173.07 3.25 -123.06	120.07 7.23 0.00	105.75 5.92 0.00	70.25 3.72 -1.02	78.29 3.52 0.00
RANKINE____ 23646	131.92 -8.24 0.00	61.57 -3.99 0.00	117.73 -7.66 0.00	154.81 -10.54 0.00	132.74 -8.92 0.00	164.26 -9.09 0.00	110.15 -5.88 0.00	104.29 -7.33 -4.21	104.79 -6.79 -2.48	80.59 -5.49 0.00	74.55 -6.14 -0.26	84.04 -7.59 0.00	76.82 -6.68 0.00	73.68 -7.80 0.00	84.94 -8.62 0.00	98.62 -10.66 0.00	80.65 -9.02 0.03	76.74 -10.16 14.22	42.56 -5.91 8.34	36.68 -5.06 5.01	33.94 -12.19 66.70	42.31 -11.11 46.41	40.81 -6.79 17.91	66.31 -7.48 0.98
RAVENSWOOD_GT2_1 24244	148.84 8.68 0.00	69.30 3.74 0.00	131.36 5.98 0.00	171.42 6.07 0.00	147.24 5.59 0.00	182.31 8.96 0.00	123.99 7.97 0.00	140.86 7.96 -25.49	132.73 8.60 -15.03	93.14 7.06 0.00	88.18 6.12 -1.64	98.56 6.70 -0.24	89.17 5.63 -0.05	87.16 5.68 0.00	99.99 6.44 0.00	117.23 7.95 0.00	96.37 6.68 0.00	138.00 8.47 -28.41	123.17 4.80 -61.55	178.55 3.79 -128.01	121.25 8.41 0.00	106.77 6.94 0.00	70.94 4.36 -1.06	78.91 4.14 0.00

RAVENSWOOD_GT2_2 24245	148.84 8.68 0.00	69.30 3.74 0.00	131.36 5.98 0.00	171.42 6.07 0.00	147.24 5.59 0.00	182.31 8.96 0.00	123.99 7.97 0.00	140.86 7.96 -25.49	132.73 8.60 -15.03	93.14 7.06 0.00	88.18 6.12 -1.64	98.56 6.70 -0.24	89.17 5.63 -0.05	87.16 5.68 0.00	99.99 6.44 0.00	117.23 7.95 0.00	96.37 6.68 0.00	138.00 8.47 -28.41	123.17 4.80 -61.55	178.55 3.79 -128.01	121.25 8.41 0.00	106.77 6.94 0.00	70.94 4.36 -1.06	78.91 4.14 0.00
RAVENSWOOD_GT2_3 24246	148.87 8.71 0.00	69.31 3.75 0.00	131.40 6.02 0.00	171.48 6.13 0.00	147.29 5.63 0.00	182.39 9.03 0.00	124.04 8.02 0.00	140.89 7.99 -25.49	132.80 8.67 -15.03	93.20 7.12 0.00	88.22 6.16 -1.64	98.61 6.75 -0.24	89.20 5.65 -0.05	87.18 5.70 0.00	100.06 6.51 0.00	117.26 7.98 0.00	96.40 6.70 0.00	138.05 8.52 -28.41	123.20 4.84 -61.55	178.58 3.82 -128.01	121.34 8.50 0.00	106.83 7.00 0.00	70.97 4.39 -1.06	78.93 4.17 0.00
RAVENSWOOD_GT2_4 24247	148.87 8.71 0.00	69.31 3.75 0.00	131.40 6.02 0.00	171.48 6.13 0.00	147.29 5.63 0.00	182.39 9.03 0.00	124.04 8.02 0.00	140.89 7.99 -25.49	132.80 8.67 -15.03	93.20 7.12 0.00	88.22 6.16 -1.64	98.61 6.75 -0.24	89.20 5.65 -0.05	87.18 5.70 0.00	100.06 6.51 0.00	117.26 7.98 0.00	96.40 6.70 0.00	138.05 8.52 -28.41	123.20 4.84 -61.55	178.58 3.82 -128.01	121.34 8.50 0.00	106.83 7.00 0.00	70.97 4.39 -1.06	78.93 4.17 0.00
RAVENSWOOD_GT3_1 24248	148.84 8.68 0.00	69.30 3.74 0.00	131.36 5.98 0.00	171.42 6.07 0.00	147.24 5.59 0.00	182.31 8.96 0.00	123.99 7.97 0.00	140.86 7.96 -25.49	132.73 8.60 -15.03	93.14 7.06 0.00	88.18 6.12 -1.64	98.56 6.70 -0.24	89.17 5.63 -0.05	87.16 5.68 0.00	99.99 6.44 0.00	117.23 7.95 0.00	96.37 6.68 0.00	138.00 8.47 -28.41	123.17 4.81 -61.55	178.55 3.79 -128.01	121.25 8.41 0.00	106.77 6.94 0.00	70.94 4.36 -1.06	78.91 4.14 0.00
RAVENSWOOD_GT3_2 24249	148.84 8.68 0.00	69.30 3.74 0.00	131.36 5.98 0.00	171.42 6.07 0.00	147.24 5.59 0.00	182.31 8.96 0.00	123.99 7.97 0.00	140.86 7.96 -25.49	132.73 8.60 -15.03	93.14 7.06 0.00	88.18 6.12 -1.64	98.56 6.70 -0.24	89.17 5.63 -0.05	87.16 5.68 0.00	99.99 6.44 0.00	117.23 7.95 0.00	96.37 6.68 0.00	138.00 8.47 -28.41	123.17 4.81 -61.55	178.55 3.79 -128.01	121.25 8.41 0.00	106.77 6.94 0.00	70.94 4.36 -1.06	78.91 4.14 0.00
RAVENSWOOD_GT3_3 24250	149.01 8.85 0.00	69.38 3.82 0.00	131.52 6.14 0.00	171.65 6.29 0.00	147.44 5.78 0.00	182.56 9.21 0.00	124.17 8.15 0.00	141.02 8.12 -25.49	132.94 8.81 -15.03	93.29 7.21 0.00	88.30 6.24 -1.64	98.71 6.85 -0.24	89.31 5.76 -0.05	87.31 5.82 0.00	100.17 6.62 0.00	117.41 8.14 0.00	96.53 6.83 0.00	138.17 8.64 -28.41	123.26 4.90 -61.55	178.63 3.87 -128.01	121.46 8.62 0.00	106.94 7.11 0.00	71.05 4.47 -1.06	79.02 4.25 0.00
RAVENSWOOD_GT3_4 24251	149.01 8.85 0.00	69.38 3.82 0.00	131.52 6.14 0.00	171.65 6.29 0.00	147.44 5.78 0.00	182.56 9.21 0.00	124.17 8.15 0.00	141.02 8.12 -25.49	132.94 8.81 -15.03	93.29 7.21 0.00	88.30 6.24 -1.64	98.71 6.85 -0.24	89.31 5.76 -0.05	87.31 5.82 0.00	100.17 6.62 0.00	117.41 8.14 0.00	96.53 6.83 0.00	138.17 8.64 -28.41	123.26 4.90 -61.55	178.63 3.87 -128.01	121.46 8.62 0.00	106.94 7.11 0.00	71.05 4.47 -1.06	79.02 4.25 0.00
RAVENSWOOD_GT_1 23729	149.17 9.01 0.00	69.44 3.88 0.00	131.57 6.19 0.00	171.65 6.29 0.00	147.47 5.81 0.00	182.66 9.31 0.00	124.25 8.23 0.00	141.15 8.25 -25.49	133.12 8.99 -15.04	93.50 7.41 -0.01	88.92 6.50 -1.99	100.98 7.13 -2.23	89.93 6.01 -0.42	87.57 6.08 0.00	100.46 6.90 0.00	117.75 8.48 0.00	96.77 7.07 0.00	138.44 8.91 -28.41	123.42 5.05 -61.55	178.74 3.97 -128.01	121.69 8.85 0.00	107.11 7.28 0.00	71.14 4.56 -1.06	79.09 4.33 0.00
RAVENSWOOD_GT_10 24258	148.84 8.68 0.00	69.30 3.74 0.00	131.36 5.98 0.00	171.42 6.07 0.00	147.24 5.59 0.00	182.31 8.96 0.00	123.99 7.97 0.00	140.86 7.96 -25.49	132.73 8.60 -15.03	93.14 7.06 0.00	88.21 6.10 -1.68	98.78 6.69 -0.47	89.19 5.60 -0.09	87.16 5.67 0.00	99.99 6.44 0.00	117.20 7.93 0.00	96.36 6.67 0.00	138.00 8.47 -28.41	123.16 4.80 -61.55	178.54 3.78 -128.01	121.25 8.41 0.00	106.77 6.94 0.00	70.94 4.36 -1.06	78.91 4.14 0.00
RAVENSWOOD_GT_11 24259	148.84 8.68 0.00	69.30 3.74 0.00	131.36 5.98 0.00	171.42 6.07 0.00	147.24 5.59 0.00	182.31 8.96 0.00	123.99 7.97 0.00	140.86 7.96 -25.49	132.73 8.60 -15.03	93.14 7.06 0.00	88.21 6.10 -1.68	98.78 6.69 -0.47	89.19 5.60 -0.09	87.16 5.67 0.00	99.99 6.44 0.00	117.20 7.93 0.00	96.36 6.67 0.00	138.00 8.47 -28.41	123.16 4.80 -61.55	178.54 3.78 -128.01	121.25 8.41 0.00	106.77 6.94 0.00	70.94 4.36 -1.06	78.91 4.14 0.00
RAVENSWOOD_GT_4 24252	148.82 8.66 0.00	69.29 3.73 0.00	131.37 5.98 0.00	171.42 6.07 0.00	147.24 5.59 0.00	182.31 8.96 0.00	123.96 7.94 0.00	140.82 7.91 -25.49	132.71 8.58 -15.03	93.11 7.02 0.00	87.77 6.07 -1.28	96.52 6.66 1.75	88.73 5.56 0.33	87.10 5.62 0.00	99.96 6.41 0.00	117.15 7.88 0.00	96.30 6.61 0.00	137.96 8.43 -28.41	123.12 4.76 -61.55	178.53 3.76 -128.01	121.22 8.38 0.00	106.74 6.91 0.00	70.92 4.35 -1.06	78.89 4.12 0.00
RAVENSWOOD_GT_5 24254	148.82 8.66 0.00	69.29 3.73 0.00	131.37 5.98 0.00	171.42 6.07 0.00	147.24 5.59 0.00	182.31 8.96 0.00	123.96 7.94 0.00	140.82 7.91 -25.49	132.71 8.58 -15.03	93.11 7.02 0.00	87.77 6.07 -1.28	96.52 6.66 1.75	88.73 5.56 0.33	87.10 5.62 0.00	99.96 6.41 0.00	117.15 7.88 0.00	96.30 6.61 0.00	137.96 8.43 -28.41	123.12 4.76 -61.55	178.53 3.76 -128.01	121.22 8.38 0.00	106.74 6.91 0.00	70.92 4.35 -1.06	78.89 4.12 0.00
RAVENSWOOD_GT_6 24253	148.82 8.66 0.00	69.29 3.73 0.00	131.37 5.98 0.00	171.42 6.07 0.00	147.24 5.59 0.00	182.31 8.96 0.00	123.96 7.94 0.00	140.82 7.91 -25.49	132.71 8.58 -15.03	93.11 7.02 0.00	87.77 6.07 -1.28	96.52 6.66 1.75	88.73 5.56 0.33	87.10 5.62 0.00	99.96 6.41 0.00	117.15 7.88 0.00	96.30 6.61 0.00	137.96 8.43 -28.41	123.12 4.76 -61.55	178.53 3.76 -128.01	121.22 8.38 0.00	106.74 6.91 0.00	70.92 4.35 -1.06	78.89 4.12 0.00
RAVENSWOOD_GT_7 24255	148.82 8.66 0.00	69.29 3.73 0.00	131.37 5.98 0.00	171.42 6.07 0.00	147.24 5.59 0.00	182.31 8.96 0.00	123.96 7.94 0.00	140.82 7.91 -25.49	132.71 8.58 -15.03	93.11 7.02 0.00	87.77 6.07 -1.28	96.52 6.66 1.75	88.73 5.56 0.33	87.10 5.62 0.00	99.96 6.41 0.00	117.15 7.88 0.00	96.30 6.61 0.00	137.96 8.43 -28.41	123.12 4.76 -61.55	178.53 3.76 -128.01	121.22 8.38 0.00	106.74 6.91 0.00	70.92 4.35 -1.06	78.89 4.12 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	148.84 8.68 0.00	69.30 3.74 0.00	131.36 5.98 0.00	171.42 6.07 0.00	147.24 5.59 0.00	182.31 8.96 0.00	123.99 7.97 0.00	140.86 7.96 -25.49	132.73 8.60 -15.03	93.14 7.06 0.00	88.21 6.10 -1.68	98.78 6.69 -0.47	89.19 5.60 -0.09	87.16 5.67 0.00	99.99 6.44 0.00	117.20 7.93 0.00	96.36 6.67 0.00	138.00 8.47 -28.41	123.16 4.80 -61.55	178.54 3.78 -128.01	121.25 8.41 0.00	106.77 6.94 0.00	70.94 4.36 -1.06	78.91 4.14 0.00

RAVENSWOOD_GT_9 24257	148.84 8.68 0.00	69.30 3.74 0.00	131.36 5.98 0.00	171.42 6.07 0.00	147.24 5.59 0.00	182.31 8.96 0.00	123.99 7.97 0.00	140.86 7.96 -25.49	132.73 8.60 -15.03	93.14 7.06 0.00	88.21 6.10 -1.68	98.78 6.69 -0.47	89.19 5.60 -0.09	87.16 5.67 0.00	99.99 6.44 0.00	117.20 7.93 0.00	96.36 6.67 0.00	138.00 8.47 -28.41	123.16 4.80 -61.55	178.54 3.78 -128.01	121.25 8.41 0.00	106.77 6.94 0.00	70.94 4.36 -1.06	78.91 4.14 0.00
RAVENSWOOD___1 23533	148.97 8.81 0.00	69.35 3.79 0.00	131.39 6.00 0.00	171.38 6.03 0.00	147.26 5.60 0.00	182.39 9.04 0.00	124.13 8.10 0.00	141.02 8.12 -25.49	132.95 8.82 -15.03	93.37 7.29 0.01	88.89 6.37 -2.10	101.41 6.97 -2.81	89.90 5.87 -0.53	87.42 5.93 0.00	100.28 6.72 0.00	117.55 8.27 0.00	96.63 6.94 0.00	138.29 8.76 -28.41	123.35 4.99 -61.55	178.69 3.92 -128.01	121.61 8.77 0.00	107.01 7.18 0.00	71.05 4.48 -1.06	79.01 4.24 0.00
RAVENSWOOD___2 23534	148.97 8.81 0.00	69.35 3.79 0.00	131.39 6.00 0.00	171.38 6.03 0.00	147.26 5.60 0.00	182.39 9.04 0.00	124.13 8.10 0.00	141.02 8.12 -25.49	132.95 8.82 -15.03	93.37 7.29 0.01	88.89 6.37 -2.10	101.41 6.97 -2.81	89.90 5.87 -0.53	87.42 5.93 0.00	100.28 6.72 0.00	117.55 8.27 0.00	96.63 6.94 0.00	138.29 8.76 -28.41	123.35 4.99 -61.55	178.69 3.92 -128.01	121.61 8.77 0.00	107.01 7.18 0.00	71.05 4.48 -1.06	79.01 4.24 0.00
RAVENSWOOD___3 23535	148.87 8.70 0.00	69.30 3.74 0.00	131.36 5.98 0.00	171.42 6.07 0.00	147.24 5.58 0.00	182.31 8.96 0.00	123.99 7.97 0.00	140.87 7.97 -25.49	132.73 8.60 -15.03	93.15 7.07 0.00	88.17 6.11 -1.64	98.57 6.71 -0.24	89.17 5.63 -0.05	87.16 5.68 0.00	99.99 6.44 0.00	117.23 7.95 0.00	96.37 6.68 0.00	138.01 8.48 -28.41	123.17 4.81 -61.55	178.55 3.79 -128.01	121.35 8.51 0.00	106.78 6.95 0.00	70.95 4.37 -1.06	78.91 4.14 0.00
RAVENSWOOD___4 23820	148.97 8.81 0.00	69.35 3.79 0.00	131.39 6.00 0.00	171.38 6.03 0.00	147.26 5.60 0.00	182.39 9.04 0.00	124.13 8.10 0.00	141.02 8.12 -25.49	132.95 8.82 -15.03	93.37 7.29 0.01	88.89 6.37 -2.10	101.41 6.97 -2.81	89.90 5.87 -0.53	87.42 5.93 0.00	100.28 6.72 0.00	117.55 8.27 0.00	96.63 6.94 0.00	138.29 8.76 -28.41	123.35 4.99 -61.55	178.69 3.92 -128.01	121.61 8.77 0.00	107.01 7.18 0.00	71.05 4.48 -1.06	79.01 4.24 0.00
RCPT_TRUST___DRP 24196	148.92 8.76 0.00	69.34 3.78 0.00	131.47 6.09 0.00	171.59 6.24 0.00	147.37 5.71 0.00	182.47 9.12 0.00	124.16 8.14 0.00	140.98 8.08 -25.48	132.93 8.80 -15.03	93.27 7.19 0.00	88.34 6.26 -1.65	98.83 6.87 -0.33	89.34 5.77 -0.06	87.32 5.84 0.00	100.18 6.63 0.00	117.44 8.16 0.00	96.50 6.80 0.00	138.15 8.63 -28.40	123.22 4.87 -61.54	178.58 3.84 -127.98	121.36 8.52 0.00	106.85 7.03 0.00	70.98 4.40 -1.06	78.94 4.17 0.00
RED___ROCHESTER 323720	135.28 -4.88 0.00	63.19 -2.37 0.00	120.66 -4.72 0.00	158.59 -6.76 0.00	136.06 -5.60 0.00	168.17 -5.18 0.00	113.04 -2.99 0.00	106.80 -3.71 -3.10	107.42 -3.50 -1.83	83.03 -3.05 0.00	77.06 -3.57 -0.20	87.31 -4.32 0.00	79.69 -3.81 0.00	77.05 -4.43 0.00	88.78 -4.78 0.00	103.58 -5.69 0.00	84.98 -4.71 0.00	93.68 -5.28 2.17	55.76 -2.89 -1.84	50.79 -2.45 -6.48	74.77 -6.41 31.66	71.02 -6.05 22.76	54.04 -3.76 7.71	70.01 -4.22 0.54
REGAN___SOLAR 323812	150.06 9.90 0.00	70.09 4.53 0.00	133.94 8.56 0.00	176.30 10.95 0.00	151.50 9.84 0.00	186.64 13.29 0.00	126.08 10.05 0.00	151.22 9.33 -34.48	137.21 7.77 -20.34	90.05 3.98 0.00	84.92 2.34 -2.15	94.07 2.44 0.00	86.43 2.93 0.00	85.53 4.05 -0.01	97.61 4.05 0.00	116.20 6.93 0.00	96.75 7.05 0.00	148.34 8.79 -38.43	145.06 4.99 -83.26	224.00 4.07 -173.17	122.02 9.19 0.00	107.53 7.70 0.00	71.76 4.81 -1.44	79.79 5.02 0.00
RENSSELAER___COGEN 23796	144.85 4.69 0.00	67.76 2.21 0.00	129.31 3.93 0.00	169.42 4.06 0.00	145.16 3.50 0.00	177.92 4.57 0.00	119.37 3.35 0.00	141.66 3.17 -31.08	130.74 3.31 -18.33	88.79 2.71 0.00	85.43 3.06 -1.94	94.87 3.25 0.00	86.26 2.77 0.00	84.25 2.77 0.00	96.28 2.73 0.00	111.55 2.27 0.00	91.80 2.10 0.00	138.69 2.93 -34.64	133.68 1.83 -75.04	204.31 1.49 -156.07	116.47 3.63 0.00	103.14 3.31 0.00	69.33 2.52 -1.30	77.62 2.85 0.00
REPUBLIC_115KV_BARTNBRK 55605	158.81 18.65 0.00	73.98 8.42 0.00	140.85 15.47 0.00	183.91 18.55 0.00	157.94 16.28 0.00	195.89 22.54 0.00	133.56 17.54 0.00	153.95 14.36 -32.17	140.44 12.36 -18.97	94.24 8.16 0.00	90.07 7.64 -2.01	98.91 7.28 0.00	89.18 5.68 0.00	88.14 6.66 0.00	101.38 7.82 0.00	119.93 10.65 0.00	98.30 8.61 0.00	148.74 11.76 -35.85	141.55 7.07 -77.67	214.15 5.86 -161.54	125.92 13.08 0.00	110.64 10.81 0.00	73.47 6.62 -1.34	81.79 7.02 0.00
REVERE_CPPR_DRP 24186	145.48 5.32 0.00	68.16 2.60 0.00	130.63 5.25 0.00	172.32 6.97 0.00	148.15 6.49 0.00	182.50 9.15 0.00	122.92 6.90 0.00	114.83 6.18 -1.23	116.04 6.21 -0.73	90.68 4.61 0.00	84.63 4.12 -0.08	95.89 4.26 0.00	87.02 3.52 0.00	84.72 3.24 0.00	97.39 3.84 0.00	114.46 5.19 0.00	94.38 4.69 0.00	107.61 5.10 -1.39	62.52 2.73 -2.98	55.22 2.27 -6.20	117.89 5.05 0.00	104.01 4.18 0.00	68.01 2.46 -0.05	77.12 2.35 0.00
REYNOLDS_115KV_TB3 80639	146.19 6.03 0.00	68.41 2.85 0.00	130.52 5.13 0.00	170.80 5.45 0.00	146.42 4.76 0.00	180.04 6.69 0.00	121.24 5.21 0.00	143.40 4.84 -31.14	132.52 5.05 -18.37	90.30 4.22 0.00	86.35 3.98 -1.95	96.04 4.41 0.00	87.21 3.71 0.00	85.34 3.86 0.00	97.74 4.19 0.00	113.68 4.40 0.00	93.27 3.57 0.00	140.06 4.23 -34.70	134.37 2.36 -75.19	205.06 1.92 -156.38	117.43 4.59 0.00	103.96 4.13 0.00	69.77 2.96 -1.30	77.99 3.22 0.00
RIVERBAY____ 323610	149.41 9.25 0.00	69.42 3.86 0.00	131.42 6.04 0.00	171.50 6.15 0.00	147.44 5.79 0.00	182.67 9.32 0.00	124.43 8.41 0.00	141.48 8.57 -25.49	133.23 9.10 -15.03	93.42 7.34 0.00	88.31 6.21 -1.67	98.83 6.75 -0.45	89.25 5.66 -0.08	87.17 5.68 0.00	99.98 6.42 0.00	117.25 7.98 0.00	96.42 6.73 0.00	138.05 8.52 -28.41	123.23 4.87 -61.55	178.60 3.84 -128.01	121.46 8.62 0.00	106.93 7.10 0.00	70.98 4.40 -1.06	78.82 4.06 0.00
RIVERSDE_115KV_TB3 55908	145.59 5.43 0.00	68.14 2.58 0.00	129.97 4.59 0.00	170.23 4.88 0.00	145.90 4.24 0.00	179.06 5.71 0.00	120.31 4.28 0.00	142.68 4.06 -31.21	131.75 4.24 -18.41	89.54 3.47 0.00	85.96 3.58 -1.95	95.49 3.87 0.00	86.82 3.33 0.00	84.88 3.39 0.00	97.03 3.48 0.00	112.57 3.29 0.00	92.52 2.83 0.00	139.54 3.64 -34.78	134.36 2.19 -75.36	205.27 1.77 -156.74	117.08 4.25 0.00	103.65 3.82 0.00	69.65 2.84 -1.30	77.89 3.12 0.00
ROARING___BROOK_WT_PWR 323790	138.21 -1.95 0.00	64.84 -0.72 0.00	124.82 -0.56 0.00	165.55 0.20 0.00	141.72 0.06 0.00	172.28 -1.07 0.00	113.97 -2.05 0.00	105.01 -2.40 0.00	106.60 -2.50 0.00	84.50 -1.57 0.00	79.62 -0.81 0.00	90.88 -0.74 0.00	82.52 -0.98 0.00	80.61 -0.87 0.00	93.04 -0.52 0.00	108.74 -0.53 0.00	88.66 -1.03 0.00	99.07 -2.06 0.00	55.57 -1.24 0.00	45.77 -0.99 0.00	110.44 -2.40 0.00	97.82 -2.01 0.00	64.02 -1.49 0.00	73.15 -1.62 0.00

ROCHESRG_115KV_T4 355643	133.72 -6.44 0.00	62.46 -3.10 0.00	119.31 -6.07 0.00	156.87 -8.48 0.00	134.62 -7.04 0.00	166.29 -7.06 0.00	111.62 -4.40 0.00	105.39 -5.10 -3.08	105.97 -4.95 -1.82	81.97 -4.11 0.00	76.00 -4.63 -0.20	86.10 -5.53 0.00	78.60 -4.90 0.00	75.97 -5.51 0.00	87.55 -6.00 0.00	102.06 -7.21 0.00	83.72 -5.97 0.00	91.14 -6.72 3.26	53.83 -3.75 -0.78	48.82 -3.15 -5.22	72.43 -7.95 32.46	69.30 -7.41 23.12	52.82 -4.59 8.10	69.14 -5.09 0.53
ROCHESTER_9_IC 23652	134.56 -5.60 0.00	62.86 -2.70 0.00	120.04 -5.34 0.00	157.79 -7.56 0.00	135.43 -6.23 0.00	167.30 -6.05 0.00	112.39 -3.63 0.00	106.17 -4.34 -3.10	106.76 -4.17 -1.83	82.52 -3.56 0.00	76.55 -4.08 -0.20	86.73 -4.89 0.00	79.17 -4.33 0.00	76.53 -4.95 0.00	88.19 -5.36 0.00	102.86 -6.41 0.00	84.38 -5.32 0.00	93.00 -5.96 2.17	55.33 -3.32 -1.84	50.44 -2.79 -6.48	74.05 -7.13 31.66	70.36 -6.71 22.76	53.65 -4.15 7.71	69.58 -4.65 0.54
ROCKVIEW_13_KV_LD 356306	149.14 8.98 0.00	69.47 3.91 0.00	131.84 6.46 0.00	172.11 6.76 0.00	147.85 6.19 0.00	182.91 9.56 0.00	124.40 8.38 0.00	141.14 8.24 -25.49	133.00 8.87 -15.03	93.32 7.24 0.00	88.37 6.30 -1.65	98.84 6.93 -0.29	89.36 5.81 -0.06	87.35 5.86 0.00	100.26 6.70 0.00	117.48 8.20 0.00	96.57 6.87 0.00	138.26 8.73 -28.41	123.32 4.96 -61.54	178.71 3.96 -128.00	121.66 8.82 0.00	107.12 7.30 0.00	71.19 4.62 -1.06	79.23 4.46 0.00
ROME____115KV_TB2 80656	145.48 5.32 0.00	68.16 2.60 0.00	130.63 5.25 0.00	172.32 6.97 0.00	148.15 6.49 0.00	182.50 9.15 0.00	122.92 6.90 0.00	114.83 6.18 -1.23	116.04 6.21 -0.73	90.68 4.61 0.00	84.63 4.12 -0.08	95.89 4.26 0.00	87.02 3.52 0.00	84.72 3.24 0.00	97.39 3.84 0.00	114.46 5.19 0.00	94.38 4.69 0.00	107.61 5.10 -1.39	62.52 2.73 -2.98	55.22 2.27 -6.20	117.89 5.05 0.00	104.01 4.18 0.00	68.01 2.46 -0.05	77.12 2.35 0.00
ROSETON___1 23587	147.37 7.21 0.00	68.68 3.13 0.00	130.57 5.19 0.00	170.61 5.26 0.00	146.49 4.82 0.00	180.99 7.64 0.00	122.80 6.77 0.00	139.54 6.65 -25.47	131.24 7.12 -15.02	91.86 5.78 0.00	87.05 5.03 -1.59	97.13 5.51 0.00	88.05 4.55 0.00	86.13 4.64 0.00	98.86 5.31 0.00	115.73 6.46 0.00	95.09 5.39 0.00	136.41 6.89 -28.39	122.26 3.93 -61.51	177.85 3.16 -127.93	119.95 7.11 0.00	105.70 5.87 0.00	70.30 3.73 -1.06	78.36 3.59 0.00
ROSETON___2 23588	147.37 7.21 0.00	68.68 3.13 0.00	130.57 5.19 0.00	170.61 5.26 0.00	146.49 4.82 0.00	180.99 7.64 0.00	122.80 6.77 0.00	139.54 6.65 -25.47	131.24 7.12 -15.02	91.86 5.78 0.00	87.05 5.03 -1.59	97.13 5.51 0.00	88.05 4.55 0.00	86.13 4.64 0.00	98.86 5.31 0.00	115.73 6.46 0.00	95.09 5.39 0.00	136.41 6.89 -28.39	122.26 3.93 -61.51	177.85 3.16 -127.93	119.95 7.11 0.00	105.70 5.87 0.00	70.30 3.73 -1.06	78.36 3.59 0.00
ROTRRDAM_115KV_TB3 80664	145.64 5.48 0.00	68.06 2.50 0.00	129.90 4.51 0.00	170.35 5.00 0.00	146.08 4.42 0.00	179.61 6.25 0.00	120.98 4.96 0.00	144.58 4.61 -32.56	132.91 4.61 -19.20	89.55 3.47 0.00	85.41 2.95 -2.03	94.81 3.19 0.00	86.26 2.76 0.00	84.45 2.96 0.00	96.81 3.25 0.00	113.25 3.98 0.00	93.14 3.45 0.00	141.72 4.31 -36.28	137.91 2.50 -78.61	212.29 2.05 -163.49	117.49 4.65 0.00	103.80 3.98 0.00	69.42 2.55 -1.36	77.38 2.60 0.00
RUSSELL___1 23602	135.28 -4.88 0.00	63.19 -2.37 0.00	120.67 -4.72 0.00	158.57 -6.78 0.00	136.07 -5.59 0.00	168.16 -5.19 0.00	113.05 -2.98 0.00	106.82 -3.70 -3.10	107.41 -3.52 -1.83	83.03 -3.05 0.00	77.05 -3.59 -0.20	87.29 -4.33 0.00	79.69 -3.80 0.00	77.04 -4.44 0.00	88.78 -4.77 0.00	103.58 -5.70 0.00	84.98 -4.72 0.00	93.70 -5.26 2.17	55.75 -2.90 -1.84	50.78 -2.46 -6.48	74.84 -6.34 31.66	70.99 -6.07 22.76	54.04 -3.76 7.71	70.02 -4.21 0.54
RUSSELL___2 23532	135.28 -4.88 0.00	63.19 -2.37 0.00	120.67 -4.72 0.00	158.57 -6.78 0.00	136.07 -5.59 0.00	168.16 -5.19 0.00	113.05 -2.98 0.00	106.82 -3.70 -3.10	107.41 -3.52 -1.83	83.03 -3.05 0.00	77.05 -3.59 -0.20	87.29 -4.33 0.00	79.69 -3.80 0.00	77.04 -4.44 0.00	88.78 -4.77 0.00	103.58 -5.70 0.00	84.98 -4.72 0.00	93.70 -5.26 2.17	55.75 -2.90 -1.84	50.78 -2.46 -6.48	74.84 -6.34 31.66	70.99 -6.07 22.76	54.04 -3.76 7.71	70.02 -4.21 0.54
RUSSELL___3 23549	135.28 -4.88 0.00	63.19 -2.37 0.00	120.67 -4.72 0.00	158.57 -6.78 0.00	136.07 -5.59 0.00	168.16 -5.19 0.00	113.05 -2.98 0.00	106.82 -3.70 -3.10	107.41 -3.52 -1.83	83.03 -3.05 0.00	77.05 -3.59 -0.20	87.29 -4.33 0.00	79.69 -3.80 0.00	77.04 -4.44 0.00	88.78 -4.77 0.00	103.58 -5.70 0.00	84.98 -4.72 0.00	93.70 -5.26 2.17	55.75 -2.90 -1.84	50.78 -2.46 -6.48	74.84 -6.34 31.66	70.99 -6.07 22.76	54.04 -3.76 7.71	70.02 -4.21 0.54
RUSSELL___4 23556	135.28 -4.88 0.00	63.19 -2.37 0.00	120.67 -4.72 0.00	158.57 -6.78 0.00	136.07 -5.59 0.00	168.16 -5.19 0.00	113.05 -2.98 0.00	106.82 -3.70 -3.10	107.41 -3.52 -1.83	83.03 -3.05 0.00	77.05 -3.59 -0.20	87.29 -4.33 0.00	79.69 -3.80 0.00	77.04 -4.44 0.00	88.78 -4.77 0.00	103.58 -5.70 0.00	84.98 -4.72 0.00	93.70 -5.26 2.17	55.75 -2.90 -1.84	50.78 -2.46 -6.48	74.84 -6.34 31.66	70.99 -6.07 22.76	54.04 -3.76 7.71	70.02 -4.21 0.54
RUSSELL___STATION 23914	135.28 -4.88 0.00	63.19 -2.37 0.00	120.67 -4.72 0.00	158.57 -6.78 0.00	136.07 -5.59 0.00	168.16 -5.19 0.00	113.05 -2.98 0.00	106.82 -3.70 -3.10	107.41 -3.52 -1.83	83.03 -3.05 0.00	77.05 -3.59 -0.20	87.29 -4.33 0.00	79.69 -3.80 0.00	77.04 -4.44 0.00	88.78 -4.77 0.00	103.58 -5.70 0.00	84.98 -4.72 0.00	93.70 -5.26 2.17	55.75 -2.90 -1.84	50.78 -2.46 -6.48	74.84 -6.34 31.66	70.99 -6.07 22.76	54.04 -3.76 7.71	70.02 -4.21 0.54
S SALMON___HYD 24043	137.53 -2.63 0.00	64.51 -1.04 0.00	123.79 -1.59 0.00	163.30 -2.05 0.00	140.21 -1.45 0.00	172.37 -0.98 0.00	115.96 -0.06 0.00	108.34 -0.87 -1.80	109.08 -1.08 -1.06	85.28 -0.79 0.00	79.95 -0.59 -0.11	90.71 -0.91 0.00	82.08 -1.42 0.00	79.85 -1.63 0.00	92.06 -1.49 0.00	108.10 -1.18 0.00	88.82 -0.87 0.00	101.55 -1.58 -2.00	60.10 -1.06 -4.34	55.00 -0.79 -9.03	110.60 -2.24 0.00	97.56 -2.27 0.00	63.81 -1.78 -0.07	72.37 -2.40 0.00
S.PERRY___115KV_TB1 80734	135.20 -4.96 0.00	62.98 -2.58 0.00	120.29 -5.09 0.00	157.55 -7.80 0.00	135.29 -6.37 0.00	167.19 -6.16 0.00	113.34 -2.68 0.00	108.74 -3.06 -4.39	109.02 -2.67 -2.59	82.98 -3.10 0.00	76.99 -3.72 -0.27	87.00 -4.63 0.00	79.77 -3.73 0.00	76.38 -5.10 0.00	88.29 -5.27 0.00	101.74 -7.54 0.00	83.93 -5.86 -0.10	113.87 -6.23 -18.97	76.50 -3.45 -23.13	74.24 -3.12 -30.60	55.77 -7.62 49.45	51.74 -7.39 40.70	53.32 -4.96 7.23	67.61 -5.78 1.38
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	130.13 -10.03 0.00	60.75 -4.81 0.00	116.14 -9.25 0.00	152.75 -12.60 0.00	130.92 -10.74 0.00	162.16 -11.19 0.00	108.48 -7.54 0.00	102.45 -8.99 -4.03	102.94 -8.53 -2.37	79.27 -6.81 0.00	73.19 -7.48 -0.24	82.58 -9.05 0.00	75.43 -8.07 0.00	72.41 -9.07 0.00	83.49 -10.07 0.00	96.91 -12.36 0.00	79.27 -10.39 0.03	76.10 -11.74 13.29	42.35 -6.70 7.76	36.31 -5.61 4.84	36.40 -13.59 62.85	44.13 -12.25 43.45	41.36 -7.45 16.70	65.67 -8.19 0.90

SAWYER___23_KV_LOAD 55526	130.13 -10.03 0.00	60.75 -4.81 0.00	116.14 -9.25 0.00	152.75 -12.60 0.00	130.92 -10.74 0.00	162.16 -11.19 0.00	108.48 -7.54 0.00	102.45 -8.99 -4.03	102.94 -8.53 -2.37	79.27 -6.81 0.00	73.19 -7.48 -0.24	82.58 -9.05 0.00	75.43 -8.07 0.00	72.41 -9.07 0.00	83.49 -10.07 0.00	96.91 -12.36 0.00	79.27 -10.39 0.03	76.10 -11.74 13.29	42.35 -6.70 7.76	36.31 -5.61 4.84	36.40 -13.59 62.85	44.13 -12.25 43.45	41.36 -7.45 16.70	65.67 -8.19 0.90
SELKIRK___I 23801	149.41 9.25 0.00	69.92 4.36 0.00	133.57 8.19 0.00	175.09 9.74 0.00	150.16 8.50 0.00	184.21 10.86 0.00	123.61 7.58 0.00	144.59 6.82 -30.35	133.25 6.25 -17.90	89.90 3.83 0.00	86.46 4.14 -1.90	95.43 3.80 0.00	86.71 3.21 0.00	84.77 3.29 0.00	96.73 3.17 0.00	113.15 3.88 0.00	94.33 4.63 0.00	140.91 5.96 -33.82	133.61 3.53 -73.27	202.04 2.89 -152.39	119.79 6.95 0.00	106.03 6.20 0.00	71.11 4.34 -1.27	79.83 5.06 0.00
SELKIRK___II 23799	145.02 4.86 0.00	67.83 2.28 0.00	129.43 4.05 0.00	169.58 4.23 0.00	145.39 3.73 0.00	178.43 5.08 0.00	119.92 3.89 0.00	142.02 3.69 -30.92	131.14 3.81 -18.24	89.14 3.06 0.00	85.46 3.10 -1.93	94.92 3.30 0.00	86.29 2.79 0.00	84.30 2.82 0.00	96.47 2.92 0.00	112.15 2.88 0.00	92.31 2.61 0.00	138.95 3.36 -34.46	133.49 2.02 -74.66	203.69 1.66 -155.28	116.75 3.91 0.00	103.33 3.50 0.00	69.32 2.52 -1.29	77.52 2.75 0.00
SENECA OSWGO___HYD 24041	136.27 -3.89 0.00	63.75 -1.81 0.00	121.64 -3.75 0.00	159.94 -5.41 0.00	137.36 -4.30 0.00	168.93 -4.42 0.00	113.65 -2.37 0.00	107.09 -2.34 -2.02	108.03 -2.27 -1.19	84.05 -2.03 0.00	78.45 -2.10 -0.13	89.04 -2.59 0.00	81.02 -2.48 0.00	78.94 -2.54 0.00	90.71 -2.85 0.00	106.19 -3.09 0.00	87.22 -2.47 0.00	100.71 -2.66 -2.25	60.23 -1.46 -4.87	55.65 -1.24 -10.14	109.42 -3.41 0.00	96.51 -3.31 0.00	63.37 -2.23 -0.08	72.03 -2.74 0.00
SENECA___115KV_TB3 355854	132.19 -7.98 0.00	61.70 -3.86 0.00	117.94 -7.44 0.00	155.08 -10.27 0.00	133.00 -8.66 0.00	164.59 -8.76 0.00	110.37 -5.65 0.00	104.53 -7.10 -4.21	105.02 -6.56 -2.48	80.77 -5.30 0.00	74.71 -5.98 -0.26	84.24 -7.38 0.00	76.98 -6.52 0.00	73.88 -7.60 0.00	85.16 -8.39 0.00	98.89 -10.39 0.00	80.83 -8.84 0.03	76.94 -9.96 14.22	42.67 -5.80 8.34	36.78 -4.96 5.01	34.15 -11.98 66.70	42.50 -10.92 46.41	40.93 -6.66 17.91	66.42 -7.37 0.98
SENECA___ENERGY 23797	137.81 -2.35 0.00	64.43 -1.12 0.00	122.76 -2.62 0.00	161.13 -4.22 0.00	138.59 -3.07 0.00	170.71 -2.64 0.00	115.18 -0.84 0.00	109.57 -1.12 -3.27	110.29 -0.74 -1.93	85.18 -0.90 0.00	79.05 -1.58 -0.20	89.41 -2.21 0.00	81.76 -1.73 0.00	79.42 -2.06 0.00	91.22 -2.34 0.00	106.82 -2.46 0.00	87.80 -1.91 -0.01	102.50 -2.21 -3.59	63.33 -1.20 -7.71	61.03 -1.09 -15.36	100.49 -3.17 9.18	89.53 -3.34 6.95	61.42 -2.28 1.81	71.75 -2.82 0.19
SHOEMAKER___GT 23640	146.62 6.46 0.00	68.35 2.80 0.00	130.04 4.66 0.00	170.12 4.76 0.00	146.06 4.40 0.00	180.37 7.02 0.00	122.17 6.14 0.00	136.74 6.03 -23.29	129.21 6.37 -13.74	91.18 5.10 0.00	86.12 4.24 -1.46	96.08 4.46 0.00	87.17 3.68 0.00	85.42 3.94 0.00	97.85 4.30 0.00	114.69 5.41 0.00	94.43 4.73 0.00	133.28 6.20 -25.96	116.60 3.54 -56.24	166.58 2.85 -116.97	119.24 6.40 0.00	105.10 5.27 0.00	69.79 3.30 -0.97	77.93 3.16 0.00
SHOEMAKR_138KV_BK 111 55601	146.51 6.35 0.00	68.30 2.74 0.00	129.94 4.55 0.00	169.95 4.60 0.00	145.92 4.26 0.00	180.21 6.86 0.00	122.08 6.05 0.00	136.51 5.96 -23.13	129.07 6.33 -13.64	91.16 5.08 0.00	86.12 4.25 -1.45	96.14 4.52 0.00	87.22 3.73 0.00	85.42 3.94 0.00	97.91 4.36 0.00	114.76 5.48 0.00	94.41 4.72 0.00	133.07 6.16 -25.78	116.19 3.52 -55.86	165.76 2.82 -116.19	119.12 6.28 0.00	105.01 5.18 0.00	69.74 3.27 -0.97	77.88 3.11 0.00
SHOREHAM_IC_1 23715	157.56 13.15 -4.25	121.59 5.99 -50.05	136.35 10.39 -0.58	175.94 10.59 0.00	150.84 9.18 0.00	186.38 13.03 0.00	127.19 10.11 -1.06	141.46 8.56 -25.48	142.31 12.06 -21.15	97.65 9.36 -2.21	90.02 8.00 -1.59	100.50 8.87 0.00	90.60 7.10 0.00	88.53 7.04 0.00	102.39 8.83 0.00	178.28 12.16 -56.84	98.97 9.26 -0.02	141.37 11.85 -28.40	124.69 6.35 -61.53	188.49 5.07 -136.67	132.97 11.70 -8.43	109.71 9.88 0.00	85.72 6.79 -13.41	91.46 6.83 -9.86
SHOREHAM_IC_2 23716	157.56 13.15 -4.25	121.59 5.99 -50.05	136.35 10.39 -0.58	175.94 10.59 0.00	150.84 9.18 0.00	186.38 13.03 0.00	127.19 10.11 -1.06	141.46 8.56 -25.48	142.31 12.06 -21.15	97.65 9.36 -2.21	90.02 8.00 -1.59	100.50 8.87 0.00	90.60 7.10 0.00	88.53 7.04 0.00	102.39 8.83 0.00	178.28 12.16 -56.84	98.97 9.26 -0.02	141.37 11.85 -28.40	124.69 6.35 -61.53	188.49 5.07 -136.67	132.97 11.70 -8.43	109.71 9.88 0.00	85.72 6.79 -13.41	91.46 6.83 -9.86
SISSONVILLE____ 23735	140.25 0.09 0.00	65.85 0.29 0.00	126.77 1.39 0.00	169.26 3.91 0.00	143.97 2.31 0.00	173.33 -0.02 0.00	114.61 -1.41 0.00	105.73 -1.69 0.00	106.68 -2.42 0.00	84.72 -1.35 0.00	80.01 -0.41 0.00	91.84 0.21 0.00	83.77 0.27 0.00	81.60 0.12 0.00	94.09 0.54 0.00	109.04 -0.23 0.00	89.16 -0.54 0.00	99.59 -1.53 0.00	55.75 -1.06 0.00	46.00 -0.76 0.00	111.46 -1.38 0.00	99.23 -0.60 0.00	65.38 -0.13 0.00	75.61 0.84 0.00
SITHE_IND_GS1 24169	134.64 -5.52 0.00	62.98 -2.58 0.00	120.24 -5.14 0.00	158.24 -7.11 0.00	135.76 -5.90 0.00	166.72 -6.63 0.00	111.95 -4.07 0.00	105.06 -3.93 -1.58	106.16 -3.87 -0.93	82.90 -3.18 0.00	77.34 -3.19 -0.10	87.86 -3.77 0.00	80.04 -3.46 0.00	78.00 -3.48 0.00	89.60 -3.96 0.00	104.76 -4.52 0.00	86.01 -3.68 0.00	98.79 -4.10 -1.76	58.36 -2.27 -3.82	52.82 -1.88 -7.94	107.98 -4.86 0.00	95.34 -4.49 0.00	62.62 -2.96 -0.07	71.31 -3.46 0.00
SITHE_IND_GS2 24170	134.64 -5.52 0.00	62.98 -2.58 0.00	120.24 -5.14 0.00	158.24 -7.11 0.00	135.76 -5.90 0.00	166.72 -6.63 0.00	111.95 -4.07 0.00	105.06 -3.93 -1.58	106.16 -3.87 -0.93	82.90 -3.18 0.00	77.34 -3.19 -0.10	87.86 -3.77 0.00	80.04 -3.46 0.00	78.00 -3.48 0.00	89.60 -3.96 0.00	104.76 -4.52 0.00	86.01 -3.68 0.00	98.79 -4.10 -1.76	58.36 -2.27 -3.82	52.82 -1.88 -7.94	107.98 -4.86 0.00	95.34 -4.49 0.00	62.62 -2.96 -0.07	71.31 -3.46 0.00
SITHE_IND_GS3 24171	134.64 -5.52 0.00	62.98 -2.58 0.00	120.24 -5.14 0.00	158.24 -7.11 0.00	135.76 -5.90 0.00	166.72 -6.63 0.00	111.95 -4.07 0.00	105.06 -3.93 -1.58	106.16 -3.87 -0.93	82.90 -3.18 0.00	77.34 -3.19 -0.10	87.86 -3.77 0.00	80.04 -3.46 0.00	78.00 -3.48 0.00	89.60 -3.96 0.00	104.76 -4.52 0.00	86.01 -3.68 0.00	98.79 -4.10 -1.76	58.36 -2.27 -3.82	52.82 -1.88 -7.94	107.98 -4.86 0.00	95.34 -4.49 0.00	62.62 -2.96 -0.07	71.31 -3.46 0.00
SITHE_IND_GS4 24172	134.64 -5.52 0.00	62.98 -2.58 0.00	120.24 -5.14 0.00	158.24 -7.11 0.00	135.76 -5.90 0.00	166.72 -6.63 0.00	111.95 -4.07 0.00	105.06 -3.93 -1.58	106.16 -3.87 -0.93	82.90 -3.18 0.00	77.34 -3.19 -0.10	87.86 -3.77 0.00	80.04 -3.46 0.00	78.00 -3.48 0.00	89.60 -3.96 0.00	104.76 -4.52 0.00	86.01 -3.68 0.00	98.79 -4.10 -1.76	58.36 -2.27 -3.82	52.82 -1.88 -7.94	107.98 -4.86 0.00	95.34 -4.49 0.00	62.62 -2.96 -0.07	71.31 -3.46 0.00

SITHE___BATAVIA 24024	134.45 -5.71 0.00	62.72 -2.84 0.00	119.84 -5.54 0.00	157.60 -7.75 0.00	135.18 -6.48 0.00	167.62 -5.73 0.00	112.66 -3.37 0.00	106.24 -4.73 -3.56	106.68 -4.54 -2.11	82.09 -3.99 0.00	75.72 -5.01 -0.30	85.46 -6.18 -0.02	78.04 -5.47 -0.01	75.05 -6.44 -0.02	86.87 -6.69 0.00	101.06 -8.22 0.00	83.01 -6.67 0.02	86.19 -7.06 7.88	49.89 -3.87 3.04	44.54 -3.25 -1.03	58.23 -8.19 46.42	59.52 -7.67 32.64	48.56 -4.72 12.23	68.60 -5.45 0.72
SITHE___INDEPEND 23800	134.64 -5.52 0.00	62.98 -2.58 0.00	120.25 -5.14 0.00	158.24 -7.11 0.00	135.76 -5.90 0.00	166.72 -6.63 0.00	111.95 -4.07 0.00	105.06 -3.94 -1.58	106.16 -3.87 -0.93	82.90 -3.18 0.00	77.33 -3.19 -0.10	87.86 -3.77 0.00	80.03 -3.47 0.00	77.99 -3.49 0.00	89.60 -3.96 0.00	104.76 -4.51 0.00	86.01 -3.68 0.00	98.79 -4.10 -1.76	58.37 -2.26 -3.82	52.81 -1.89 -7.94	108.01 -4.83 0.00	95.33 -4.49 0.00	62.62 -2.96 -0.07	71.32 -3.45 0.00
SITHE___MASSENA 23902	139.98 -0.18 0.00	65.65 0.09 0.00	126.28 0.90 0.00	168.36 3.01 0.00	143.54 1.88 0.00	173.89 0.54 0.00	114.85 -1.17 0.00	106.15 -1.27 0.00	107.25 -1.85 0.00	84.74 -1.34 0.00	79.76 -0.66 0.00	91.54 -0.08 0.00	83.74 0.24 0.00	81.60 0.12 0.00	93.98 0.43 0.00	109.42 0.14 0.00	89.67 -0.02 0.00	100.49 -0.64 0.00	56.32 -0.50 0.00	46.41 -0.35 0.00	112.50 -0.34 0.00	99.85 0.02 0.00	65.56 0.04 0.00	75.60 0.83 0.00
SITHE___OGDNSBRG 24021	142.64 2.48 0.00	66.93 1.37 0.00	128.84 3.45 0.00	172.02 6.67 0.00	146.62 4.96 0.00	176.87 3.52 0.00	116.91 0.89 0.00	108.04 0.63 0.00	108.97 -0.13 0.00	86.12 0.04 0.00	81.12 0.69 0.00	93.09 1.47 0.00	85.14 1.64 0.00	82.90 1.42 0.00	95.47 1.91 0.00	110.63 1.36 0.00	90.96 1.27 0.00	102.07 0.94 0.00	57.17 0.36 0.00	47.13 0.38 0.00	114.31 1.47 0.00	101.49 1.67 0.00	66.75 1.24 0.00	77.06 2.29 0.00
SITHE___STERLING 23777	143.82 3.66 0.00	67.35 1.79 0.00	128.93 3.55 0.00	169.90 4.54 0.00	146.05 4.39 0.00	179.96 6.61 0.00	121.30 5.28 0.00	113.71 4.85 -1.45	114.87 4.91 -0.86	89.47 3.39 0.00	83.31 2.79 -0.09	94.35 2.73 0.00	85.78 2.29 0.00	83.62 2.14 0.00	95.97 2.42 0.00	112.79 3.51 0.00	92.91 3.21 0.00	106.41 3.66 -1.63	62.29 1.98 -3.50	55.63 1.58 -7.29	116.20 3.36 0.00	102.49 2.66 0.00	67.14 1.57 -0.06	76.20 1.43 0.00
SLEIGHT__34_KV_TB1 80719	135.94 -4.21 0.00	63.46 -2.10 0.00	121.16 -4.22 0.00	159.32 -6.03 0.00	136.78 -4.88 0.00	168.75 -4.60 0.00	113.61 -2.41 0.00	107.57 -2.87 -3.02	108.16 -2.73 -1.78	83.55 -2.53 0.00	77.52 -3.09 -0.19	87.86 -3.77 0.00	80.25 -3.25 0.00	77.78 -3.69 0.00	89.55 -4.00 0.00	104.76 -4.51 0.00	86.01 -3.69 0.00	97.42 -4.09 -0.38	58.82 -2.28 -4.29	55.13 -1.96 -10.34	90.77 -5.20 16.87	82.61 -5.09 12.13	58.18 -3.28 4.05	70.70 -3.78 0.29
SOUTH CAIRO___GT 23612	152.11 11.95 0.00	71.15 5.59 0.00	135.90 10.52 0.00	178.09 12.75 0.00	152.89 11.23 0.00	187.84 14.49 0.00	126.30 10.28 0.00	146.52 9.48 -29.62	135.83 9.26 -17.47	92.71 6.64 0.00	88.28 6.00 -1.85	97.32 5.69 0.00	87.79 4.30 0.00	85.72 4.24 0.00	98.00 4.45 0.00	114.55 5.28 0.00	96.21 6.52 0.00	142.63 8.50 -33.01	133.28 4.96 -71.50	199.49 4.02 -148.71	122.51 9.67 0.00	108.28 8.45 0.00	72.44 5.70 -1.24	81.27 6.50 0.00
SOUTH HAMPTN___IC 23720	157.17 12.76 -4.25	121.41 5.81 -50.05	136.04 10.08 -0.58	175.77 10.42 0.00	150.84 9.18 0.00	186.52 13.16 0.00	127.55 10.46 -1.06	141.87 8.97 -25.48	142.16 11.91 -21.15	97.45 9.17 -2.21	89.92 7.90 -1.59	100.32 8.70 0.00	90.40 6.90 0.00	88.31 6.82 0.00	102.23 8.67 0.00	178.51 12.39 -56.84	99.48 9.76 -0.02	142.16 12.64 -28.40	125.17 6.84 -61.53	188.77 5.35 -136.67	133.98 12.71 -8.43	110.97 11.14 0.00	86.47 7.54 -13.41	92.25 7.62 -9.86
SOUTHDOW_115KV_TB1 355954	139.19 -0.97 0.00	64.84 -0.71 0.00	123.90 -1.48 0.00	162.93 -2.42 0.00	139.64 -2.02 0.00	173.25 -0.10 0.00	116.84 0.82 0.00	111.21 -0.73 -4.53	111.90 0.12 -2.67	86.19 0.11 0.00	79.72 -0.99 -0.28	89.99 -1.64 0.00	82.07 -1.43 0.00	78.23 -3.25 0.00	89.08 -4.47 0.00	103.94 -5.33 0.00	84.69 -4.99 0.02	83.71 -5.59 11.83	49.32 -3.91 3.59	52.21 -3.67 -9.12	42.42 -8.80 61.63	42.72 -8.58 48.52	41.82 -5.15 18.55	67.84 -5.80 1.13
SOUTHOLD_69_KV_BK 2 55809	156.31 11.90 -4.25	121.00 5.40 -50.05	135.29 9.33 -0.58	174.94 9.59 0.00	150.18 8.53 0.00	185.95 12.59 0.00	127.39 10.30 -1.06	141.76 8.87 -25.48	141.81 11.56 -21.15	96.95 8.67 -2.21	89.51 7.49 -1.59	99.95 8.32 0.00	89.96 6.46 0.00	87.84 6.36 0.00	101.82 8.26 0.00	178.94 12.82 -56.84	100.24 10.52 -0.02	143.41 13.89 -28.40	125.83 7.49 -61.53	188.52 5.10 -136.67	134.27 13.00 -8.43	112.81 12.99 0.00	87.61 8.69 -13.41	93.41 8.78 -9.86
SOUTHOLD___IC 23719	156.31 11.90 -4.25	121.00 5.40 -50.05	135.29 9.33 -0.58	174.93 9.58 0.00	150.18 8.52 0.00	185.89 12.54 0.00	127.39 10.30 -1.06	141.77 8.87 -25.48	141.81 11.56 -21.15	96.95 8.66 -2.21	89.51 7.49 -1.59	99.95 8.32 0.00	89.96 6.46 0.00	87.84 6.36 0.00	101.82 8.26 0.00	178.92 12.80 -56.84	100.24 10.52 -0.02	143.39 13.86 -28.40	125.82 7.48 -61.53	188.52 5.10 -136.67	134.32 13.05 -8.43	112.85 13.02 0.00	87.61 8.68 -13.41	93.41 8.78 -9.86
SOUTH_FORK_WT_PWR 323839	154.26 9.85 -4.25	120.05 4.45 -50.05	133.50 7.54 -0.58	172.57 7.22 0.00	148.18 6.52 0.00	183.38 10.03 0.00	125.73 8.65 -1.06	140.25 7.35 -25.48	140.23 9.98 -21.15	95.64 7.36 -2.21	88.43 6.42 -1.59	98.80 7.17 0.00	88.83 5.33 0.00	86.70 5.22 0.00	100.60 7.05 0.00	178.09 11.97 -56.84	99.74 10.02 -0.02	142.96 13.43 -28.40	125.51 7.17 -61.53	188.66 5.24 -136.67	134.78 13.51 -8.43	112.99 13.16 0.00	87.70 8.77 -13.41	93.46 8.83 -9.86
SPIERFLS_115KV_TB 1 80737	152.50 12.33 0.00	71.21 5.65 0.00	135.80 10.41 0.00	177.28 11.93 0.00	151.49 9.83 0.00	185.66 12.31 0.00	125.39 9.36 0.00	147.85 8.21 -32.23	135.87 7.77 -19.01	91.58 5.50 0.00	87.23 4.79 -2.01	96.38 4.76 0.00	87.54 4.04 0.00	85.88 4.40 0.00	98.43 4.87 0.00	115.53 6.25 0.00	95.15 5.45 0.00	144.07 7.03 -35.91	138.74 4.12 -77.81	211.96 3.37 -161.84	120.53 7.69 0.00	106.38 6.55 0.00	70.89 4.04 -1.35	79.03 4.26 0.00
ST LAWRENCE____ 23600	138.39 -1.77 0.00	64.89 -0.67 0.00	124.77 -0.61 0.00	166.22 0.86 0.00	141.79 0.13 0.00	172.06 -1.30 0.00	113.62 -2.40 0.00	105.09 -2.32 0.00	106.26 -2.84 0.00	83.90 -2.18 0.00	78.92 -1.50 0.00	90.51 -1.12 0.00	82.82 -0.68 0.00	80.74 -0.74 0.00	92.94 -0.61 0.00	108.35 -0.93 0.00	88.80 -0.90 0.00	99.57 -1.56 0.00	55.82 -1.00 0.00	45.99 -0.77 0.00	111.52 -1.31 0.00	98.86 -0.97 0.00	64.88 -0.63 0.00	74.74 -0.03 0.00
STATE_CA_115KV_115_LB 55624	145.86 5.70 0.00	68.22 2.66 0.00	130.16 4.77 0.00	170.48 5.13 0.00	146.12 4.46 0.00	179.29 5.94 0.00	120.48 4.46 0.00	143.08 4.24 -31.43	132.05 4.42 -18.53	89.66 3.58 0.00	86.12 3.73 -1.96	95.64 4.02 0.00	86.99 3.49 0.00	84.98 3.49 0.00	97.10 3.55 0.00	112.68 3.40 0.00	92.68 2.99 0.00	139.95 3.81 -35.02	134.94 2.25 -75.88	206.41 1.83 -157.82	117.19 4.35 0.00	103.75 3.93 0.00	69.73 2.91 -1.31	78.00 3.23 0.00

STATE_ST_34_KV_LOAD 55959	139.82 -0.34 0.00	65.10 -0.45 0.00	124.42 -0.96 0.00	163.58 -1.78 0.00	140.65 -1.01 0.00	172.54 -0.81 0.00	116.27 0.25 0.00	110.65 0.01 -3.23	111.29 0.29 -1.91	85.85 -0.23 0.00	79.78 -0.85 -0.20	90.35 -1.27 0.00	82.50 -1.01 0.00	80.28 -1.20 0.00	92.26 -1.29 0.00	108.23 -1.04 0.00	89.02 -0.67 0.00	107.66 -0.67 -7.20	67.87 -0.33 -11.39	68.38 -0.36 -21.99	131.60 -1.42 -20.18	112.55 -1.78 -14.50	69.38 -1.26 -5.13	73.48 -1.64 -0.34
STATION 5_MISC_HYD 23604	134.54 -5.62 0.00	62.85 -2.71 0.00	120.04 -5.34 0.00	157.79 -7.56 0.00	135.42 -6.24 0.00	167.33 -6.02 0.00	112.38 -3.64 0.00	106.17 -4.34 -3.10	106.76 -4.17 -1.83	82.53 -3.54 0.00	76.56 -4.07 -0.20	86.73 -4.89 0.00	79.18 -4.32 0.00	76.55 -4.93 0.00	88.19 -5.37 0.00	102.87 -6.40 0.00	84.38 -5.31 0.00	92.97 -5.99 2.17	55.34 -3.30 -1.84	50.45 -2.79 -6.48	73.99 -7.19 31.66	70.37 -6.70 22.76	53.65 -4.15 7.71	69.57 -4.66 0.54
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	137.27 -2.89 0.00	64.18 -1.37 0.00	122.43 -2.95 0.00	160.79 -4.55 0.00	138.23 -3.43 0.00	170.71 -2.64 0.00	115.03 -0.99 0.00	108.77 -1.75 -3.10	109.46 -1.47 -1.83	84.58 -1.50 0.00	78.47 -2.15 -0.19	88.86 -2.77 0.00	81.16 -2.34 0.00	78.60 -2.88 0.00	90.47 -3.09 0.00	105.72 -3.56 0.00	86.85 -2.85 0.00	95.75 -3.24 2.14	56.89 -1.79 -1.87	51.73 -1.57 -6.54	77.04 -4.24 31.56	72.86 -4.28 22.69	55.06 -2.77 7.68	71.01 -3.22 0.54
STA_56_34_KV_BUS2_REV_LBMP_B 345033	134.13 -6.03 0.00	62.65 -2.90 0.00	119.64 -5.74 0.00	157.29 -8.06 0.00	135.05 -6.62 0.00	166.81 -6.54 0.00	112.06 -3.96 0.00	105.92 -4.58 -3.07	106.48 -4.44 -1.81	82.34 -3.74 0.00	76.38 -4.25 -0.20	86.54 -5.08 0.00	79.02 -4.48 0.00	76.41 -5.07 0.00	88.06 -5.49 0.00	102.72 -6.55 0.00	84.29 -5.41 0.00	92.97 -6.08 2.08	55.33 -3.38 -1.90	50.44 -2.87 -6.55	74.55 -7.31 30.98	70.70 -6.85 22.27	53.68 -4.29 7.54	69.44 -4.80 0.53
STA_56___34_KV_BUS2 355983	134.13 -6.03 0.00	62.65 -2.90 0.00	119.64 -5.74 0.00	157.29 -8.06 0.00	135.05 -6.62 0.00	166.81 -6.54 0.00	112.06 -3.96 0.00	105.92 -4.58 -3.07	106.48 -4.44 -1.81	82.34 -3.74 0.00	76.38 -4.25 -0.20	86.54 -5.08 0.00	79.02 -4.48 0.00	76.41 -5.07 0.00	88.06 -5.49 0.00	102.72 -6.55 0.00	84.29 -5.41 0.00	92.97 -6.08 2.08	55.33 -3.38 -1.90	50.44 -2.87 -6.55	74.55 -7.31 30.98	70.70 -6.85 22.27	53.68 -4.29 7.54	69.44 -4.80 0.53
STA_67___115KV_BK2 355882	134.23 -5.93 0.00	62.70 -2.86 0.00	119.74 -5.64 0.00	157.46 -7.89 0.00	135.12 -6.54 0.00	166.89 -6.46 0.00	112.11 -3.91 0.00	105.85 -4.66 -3.10	106.47 -4.46 -1.83	82.31 -3.77 0.00	76.32 -4.31 -0.20	86.47 -5.16 0.00	78.93 -4.57 0.00	76.28 -5.20 0.00	87.93 -5.63 0.00	102.55 -6.73 0.00	84.11 -5.58 0.00	92.72 -6.25 2.16	55.16 -3.49 -1.84	50.30 -2.94 -6.48	73.78 -7.47 31.59	70.12 -7.00 22.71	53.48 -4.34 7.69	69.42 -4.81 0.54
STA_7___115KV_9TRANS 80674	135.28 -4.88 0.00	63.19 -2.37 0.00	120.67 -4.72 0.00	158.57 -6.78 0.00	136.07 -5.59 0.00	168.16 -5.19 0.00	113.05 -2.98 0.00	106.82 -3.70 -3.10	107.41 -3.52 -1.83	83.03 -3.05 0.00	77.05 -3.59 -0.20	87.29 -4.33 0.00	79.69 -3.80 0.00	77.04 -4.44 0.00	88.78 -4.77 0.00	103.58 -5.70 0.00	84.98 -4.72 0.00	93.70 -5.26 2.17	55.75 -2.90 -1.84	50.78 -2.46 -6.48	74.84 -6.34 31.66	70.99 -6.07 22.76	54.04 -3.76 7.71	70.02 -4.21 0.54
STA_82___115KV_TB1 80780	134.28 -5.88 0.00	62.72 -2.83 0.00	119.80 -5.58 0.00	157.50 -7.85 0.00	135.19 -6.47 0.00	166.99 -6.36 0.00	112.15 -3.87 0.00	105.96 -4.57 -3.11	106.52 -4.42 -1.84	82.34 -3.74 0.00	76.34 -4.29 -0.20	86.49 -5.14 0.00	78.95 -4.55 0.00	76.31 -5.17 0.00	87.95 -5.60 0.00	102.59 -6.69 0.00	84.15 -5.54 0.00	92.71 -6.21 2.20	55.18 -3.46 -1.82	50.32 -2.92 -6.48	73.51 -7.43 31.90	69.95 -6.94 22.94	53.41 -4.32 7.78	69.42 -4.80 0.54
STEEL___WIND 323596	131.95 -8.21 0.00	61.59 -3.97 0.00	117.80 -7.58 0.00	154.81 -10.54 0.00	132.81 -8.85 0.00	164.40 -8.95 0.00	110.24 -5.78 0.00	104.38 -7.24 -4.21	104.88 -6.70 -2.48	80.63 -5.45 0.00	74.63 -6.06 -0.26	84.09 -7.53 0.00	76.91 -6.58 0.00	73.75 -7.73 0.00	84.98 -8.57 0.00	98.69 -10.58 0.00	80.68 -8.98 0.03	76.73 -10.17 14.22	42.58 -5.89 8.34	36.69 -5.05 5.01	33.87 -12.27 66.70	42.30 -11.11 46.41	40.80 -6.80 17.91	66.25 -7.54 0.98
STEPHTWN_115KV_BK_2 55603	147.11 6.94 0.00	68.73 3.17 0.00	131.23 5.85 0.00	171.91 6.56 0.00	147.51 5.85 0.00	180.78 7.43 0.00	121.53 5.51 0.00	143.76 5.26 -31.08	132.77 5.35 -18.33	90.32 4.24 0.00	86.72 4.36 -1.94	95.98 4.36 0.00	87.28 3.78 0.00	85.16 3.67 0.00	97.41 3.85 0.00	113.15 3.88 0.00	93.39 3.70 0.00	140.67 4.90 -34.64	134.81 2.96 -75.04	205.24 2.42 -156.07	118.47 5.63 0.00	104.83 5.00 0.00	70.34 3.54 -1.30	78.72 3.95 0.00
STEUBEN_REC_LFGE 323667	135.63 -4.54 0.00	63.31 -2.25 0.00	120.95 -4.43 0.00	157.68 -7.68 0.00	135.24 -6.42 0.00	166.40 -6.95 0.00	113.25 -2.78 0.00	110.07 -2.88 -5.53	111.32 -1.04 -3.26	84.59 -1.48 0.00	78.71 -2.06 -0.35	88.93 -2.69 0.00	81.58 -1.92 0.00	78.43 -3.05 0.00	90.06 -3.50 0.00	104.35 -4.93 0.00	84.81 -4.95 -0.06	86.26 -6.54 8.33	50.51 -4.23 2.07	38.42 -4.18 4.16	-60.80 -8.66 164.98	-31.18 -8.80 122.21	21.58 -6.32 37.61	64.32 -7.28 3.17
STILLWATER___SOLAR 323814	149.78 9.62 0.00	69.99 4.43 0.00	133.58 8.20 0.00	174.78 9.43 0.00	149.77 8.11 0.00	184.24 10.89 0.00	124.32 8.30 0.00	147.02 7.56 -32.04	135.36 7.36 -18.90	91.53 5.45 0.00	87.15 4.72 -2.00	96.63 5.01 0.00	87.80 4.30 0.00	86.04 4.56 0.00	98.65 5.10 0.00	115.58 6.30 0.00	95.18 5.48 0.00	143.68 6.85 -35.71	138.17 3.99 -77.37	210.93 3.26 -160.91	120.36 7.52 0.00	106.26 6.43 0.00	70.95 4.11 -1.34	79.13 4.36 0.00
STONY___BROOK 24151	156.82 12.41 -4.25	121.27 5.66 -50.05	135.73 9.78 -0.58	175.62 10.27 0.00	150.95 9.29 0.00	186.42 13.07 0.00	127.70 10.62 -1.06	142.23 9.33 -25.48	141.69 11.44 -21.15	97.39 9.11 -2.21	89.92 7.90 -1.59	100.32 8.69 0.00	90.53 7.03 0.00	88.45 6.96 0.00	102.22 8.66 0.00	177.68 11.57 -56.84	98.58 8.87 -0.02	140.88 11.36 -28.40	124.69 6.35 -61.53	188.55 5.13 -136.67	133.24 11.96 -8.43	109.78 9.96 0.00	85.56 6.63 -13.41	91.30 6.67 -9.86
STURGEON_POOL_HYD 23609	147.85 7.69 0.00	68.87 3.31 0.00	130.96 5.58 0.00	171.19 5.84 0.00	147.03 5.37 0.00	181.74 8.39 0.00	123.38 7.36 0.00	140.75 7.23 -26.11	132.18 7.68 -15.40	92.31 6.23 0.00	87.35 5.29 -1.63	97.41 5.79 0.00	88.25 4.75 0.00	86.33 4.84 0.00	99.15 5.60 0.00	116.25 6.97 0.00	95.54 5.84 0.00	137.85 7.65 -29.08	124.16 4.34 -63.00	181.30 3.51 -131.03	120.74 7.90 0.00	106.41 6.59 0.00	70.71 4.11 -1.09	78.73 3.96 0.00
ST_LAW_115_BK7_LBMP 345037	138.34 -1.82 0.00	64.89 -0.67 0.00	124.83 -0.56 0.00	166.36 1.01 0.00	141.90 0.24 0.00	172.04 -1.31 0.00	113.55 -2.48 0.00	105.03 -2.39 0.00	106.16 -2.94 0.00	83.84 -2.24 0.00	78.88 -1.55 0.00	90.52 -1.11 0.00	82.84 -0.66 0.00	80.75 -0.73 0.00	92.95 -0.60 0.00	108.33 -0.95 0.00	88.79 -0.90 0.00	99.52 -1.60 0.00	55.79 -1.02 0.00	45.96 -0.79 0.00	111.51 -1.32 0.00	98.86 -0.97 0.00	64.89 -0.62 0.00	74.76 -0.01 0.00

ST_LAW_115_BK8_LBMP 345038	138.34 -1.82 0.00	64.89 -0.67 0.00	124.83 -0.56 0.00	166.36 1.01 0.00	141.90 0.24 0.00	172.04 -1.31 0.00	113.55 -2.48 0.00	105.03 -2.39 0.00	106.16 -2.94 0.00	83.84 -2.24 0.00	78.88 -1.55 0.00	90.52 -1.11 0.00	82.84 -0.66 0.00	80.75 -0.73 0.00	92.95 -0.60 0.00	108.33 -0.95 0.00	88.79 -0.90 0.00	99.52 -1.60 0.00	55.79 -1.02 0.00	45.96 -0.79 0.00	111.51 -1.32 0.00	98.86 -0.97 0.00	64.89 -0.62 0.00	74.76 -0.01 0.00
ST_LAW_230_BK5_LBMP 345035	138.39 -1.77 0.00	64.89 -0.67 0.00	124.77 -0.61 0.00	166.22 0.86 0.00	141.79 0.13 0.00	172.06 -1.30 0.00	113.62 -2.40 0.00	105.09 -2.32 0.00	106.26 -2.84 0.00	83.90 -2.18 0.00	78.92 -1.50 0.00	90.51 -1.12 0.00	82.82 -0.68 0.00	80.74 -0.74 0.00	92.94 -0.61 0.00	108.35 -0.93 0.00	88.80 -0.90 0.00	99.57 -1.56 0.00	55.82 -1.00 0.00	45.99 -0.77 0.00	111.52 -1.31 0.00	98.86 -0.97 0.00	64.88 -0.63 0.00	74.74 -0.03 0.00
ST_LAW_230_BK6_LBMP 345036	138.39 -1.77 0.00	64.89 -0.67 0.00	124.77 -0.61 0.00	166.22 0.86 0.00	141.79 0.13 0.00	172.06 -1.30 0.00	113.62 -2.40 0.00	105.09 -2.32 0.00	106.26 -2.84 0.00	83.90 -2.18 0.00	78.92 -1.50 0.00	90.51 -1.12 0.00	82.82 -0.68 0.00	80.74 -0.74 0.00	92.94 -0.61 0.00	108.35 -0.93 0.00	88.80 -0.90 0.00	99.57 -1.56 0.00	55.82 -1.00 0.00	45.99 -0.77 0.00	111.52 -1.31 0.00	98.86 -0.97 0.00	64.88 -0.63 0.00	74.74 -0.03 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	147.12 6.96 0.00	68.54 2.98 0.00	130.28 4.90 0.00	170.29 4.94 0.00	146.27 4.61 0.00	180.76 7.41 0.00	122.62 6.60 0.00	137.77 6.54 -23.81	130.09 6.94 -14.04	91.71 5.63 0.00	86.72 4.81 -1.49	96.88 5.26 0.00	87.85 4.36 0.00	85.91 4.43 0.00	98.57 5.02 0.00	115.54 6.27 0.00	95.00 5.31 0.00	134.49 6.83 -26.54	118.19 3.88 -57.50	169.46 3.11 -119.59	119.75 6.91 0.00	105.50 5.67 0.00	70.08 3.58 -0.99	78.19 3.42 0.00
SWANROAD_115KV_TB1 355699	127.24 -12.92 0.00	59.42 -6.14 0.00	113.65 -11.73 0.00	149.43 -15.92 0.00	128.10 -13.56 0.00	158.68 -14.67 0.00	105.86 -10.16 0.00	99.66 -11.64 -3.88	100.14 -11.25 -2.29	77.20 -8.88 0.00	71.14 -9.57 -0.29	80.15 -11.49 -0.01	73.27 -10.24 0.00	70.33 -11.16 -0.01	81.23 -12.33 0.00	93.88 -15.40 0.00	76.81 -12.86 0.02	76.16 -13.96 11.00	43.38 -7.79 5.64	38.63 -6.43 1.70	42.16 -15.51 55.17	47.43 -13.77 38.63	42.10 -8.41 15.01	64.30 -9.63 0.84
SYNERGY___BIOGAS 323694	134.45 -2.84 0.00	62.72 -2.84 0.00	119.84 -5.54 0.00	157.60 -7.75 0.00	135.18 -6.48 0.00	167.62 -5.73 0.00	112.66 -3.37 0.00	106.24 -4.73 -3.56	106.68 -4.54 -2.11	82.09 -3.99 0.00	75.72 -5.01 -0.30	85.46 -6.18 -0.02	78.04 -5.47 -0.01	75.05 -6.44 -0.02	86.87 -6.69 0.00	101.06 -8.22 0.00	83.01 -6.67 0.02	86.19 -7.06 7.88	49.89 -3.87 3.04	44.54 -3.25 -1.03	58.23 -8.19 46.42	59.52 -7.67 32.64	48.56 -4.72 12.23	68.60 -5.45 0.72
SYRACUSE___ENERGY_ST1 323597	138.38 -1.78 0.00	64.66 -0.90 0.00	123.20 -2.19 0.00	161.78 -3.57 0.00	139.38 -2.28 0.00	171.35 -2.00 0.00	115.38 -0.64 0.00	109.26 -0.74 -2.59	110.06 -0.56 -1.53	85.37 -0.71 0.00	79.58 -1.01 -0.16	90.25 -1.37 0.00	82.28 -1.22 0.00	80.00 -1.48 0.00	92.02 -1.53 0.00	107.84 -1.43 0.00	88.64 -1.05 0.00	102.71 -1.30 -2.89	62.41 -0.65 -6.24	59.09 -0.65 -12.99	110.79 -2.05 0.00	97.24 -2.58 0.00	63.83 -1.78 -0.11	72.53 -2.24 0.00
SYRACUSE___ENERGY_ST2 323598	138.38 -1.78 0.00	64.66 -0.90 0.00	123.20 -2.19 0.00	161.78 -3.57 0.00	139.38 -2.28 0.00	171.35 -2.00 0.00	115.38 -0.64 0.00	109.26 -0.74 -2.59	110.06 -0.56 -1.53	85.37 -0.71 0.00	79.58 -1.01 -0.16	90.25 -1.37 0.00	82.28 -1.22 0.00	80.00 -1.48 0.00	92.02 -1.53 0.00	107.84 -1.43 0.00	88.64 -1.05 0.00	102.71 -1.30 -2.89	62.41 -0.65 -6.24	59.09 -0.65 -12.99	110.79 -2.05 0.00	97.24 -2.58 0.00	63.83 -1.78 -0.11	72.53 -2.24 0.00
SYRACUSE___POWER 24017	138.54 -1.63 0.00	64.75 -0.80 0.00	123.51 -1.87 0.00	162.31 -3.05 0.00	139.49 -2.17 0.00	171.60 -1.75 0.00	115.57 -0.45 0.00	109.57 -0.54 -2.70	110.32 -0.37 -1.59	85.52 -0.56 0.00	79.69 -0.90 -0.17	90.35 -1.27 0.00	82.33 -1.17 0.00	80.17 -1.31 0.00	92.10 -1.46 0.00	107.93 -1.35 0.00	88.74 -0.96 0.00	105.60 -1.01 -5.48	65.22 -0.55 -8.96	63.71 -0.52 -17.47	124.85 -1.74 -13.75	107.73 -1.98 -9.88	67.65 -1.38 -3.52	73.22 -1.78 -0.23
TALLMAN___138KV_BK151 55660	147.61 7.45 0.00	68.74 3.18 0.00	130.52 5.14 0.00	170.49 5.14 0.00	146.47 4.81 0.00	181.17 7.82 0.00	123.08 7.06 0.00	138.86 7.00 -24.45	131.03 7.51 -14.42	92.23 6.16 0.00	87.18 5.23 -1.53	97.38 5.75 0.00	88.28 4.78 0.00	86.35 4.87 0.00	99.06 5.50 0.00	116.12 6.85 0.00	95.48 5.78 0.00	135.84 7.47 -27.25	120.09 4.24 -59.03	172.91 3.37 -122.78	120.37 7.54 0.00	105.98 6.15 0.00	70.40 3.87 -1.02	78.44 3.67 0.00
TEALLAVE_115KV_TB7 355573	137.56 -2.60 0.00	64.31 -1.25 0.00	122.75 -2.63 0.00	161.32 -4.03 0.00	138.56 -3.10 0.00	170.47 -2.88 0.00	114.75 -1.27 0.00	108.36 -1.31 -2.25	109.26 -1.17 -1.33	84.92 -1.16 0.00	79.15 -1.42 -0.14	89.80 -1.83 0.00	81.81 -1.69 0.00	79.68 -1.80 0.00	91.53 -2.02 0.00	107.15 -2.12 0.00	88.16 -1.53 0.00	101.98 -0.98 -2.53	61.27 -0.98 -5.43	57.18 -0.87 -11.29	110.33 -2.51 0.00	97.24 -2.58 0.00	63.87 -1.73 -0.09	72.59 -2.18 0.00
TELGRAPH_34_KV_EAST 80808	130.61 -9.55 0.00	60.98 -4.58 0.00	116.62 -8.76 0.00	153.32 -12.04 0.00	131.45 -10.20 0.00	162.89 -10.46 0.00	109.12 -6.90 0.00	102.75 -8.36 -3.69	103.29 -8.01 -2.20	79.59 -6.49 0.00	73.47 -7.28 -0.32	82.90 -8.75 -0.03	75.71 -7.81 -0.02	72.77 -8.73 -0.02	84.10 -9.46 -0.01	97.52 -11.76 0.00	79.99 -9.68 0.02	81.22 -10.57 9.33	46.64 -5.89 4.28	41.51 -4.91 0.34	50.33 -11.98 50.53	53.55 -10.86 35.42	45.39 -6.65 13.47	66.46 -7.54 0.77
TEMPLE___115KV_TB 2 55572	137.67 -2.49 0.00	64.36 -1.20 0.00	122.79 -2.60 0.00	161.39 -3.96 0.00	138.61 -3.05 0.00	170.53 -2.82 0.00	114.80 -1.22 0.00	108.42 -1.28 -2.28	109.33 -1.12 -1.35	84.97 -1.11 0.00	79.19 -1.38 -0.14	89.84 -1.78 0.00	81.86 -1.64 0.00	79.70 -1.78 0.00	91.58 -1.97 0.00	107.22 -2.05 0.00	88.20 -1.49 0.00	102.03 -1.66 -2.56	61.37 -0.95 -5.51	57.37 -0.83 -11.45	110.41 -2.43 0.00	97.30 -2.53 0.00	63.90 -1.71 -0.09	72.62 -2.14 0.00
TIANA____69_KV_BK 1 55817	157.36 12.95 -4.25	121.51 5.90 -50.05	136.20 10.24 -0.58	176.00 10.65 0.00	151.03 9.37 0.00	186.75 13.40 0.00	127.69 10.61 -1.06	142.00 9.10 -25.48	142.27 12.02 -21.15	97.59 9.31 -2.21	90.02 8.00 -1.59	100.41 8.79 0.00	90.52 7.02 0.00	88.45 6.97 0.00	102.35 8.79 0.00	178.43 12.32 -56.84	99.34 9.63 -0.02	141.97 12.45 -28.40	125.10 6.76 -61.53	188.74 5.32 -136.67	133.73 12.46 -8.43	110.61 10.78 0.00	86.24 7.32 -13.41	92.01 7.38 -9.86
TILDEN___115KV_TB1 80814	138.54 -1.63 0.00	64.75 -0.80 0.00	123.51 -1.87 0.00	162.31 -3.05 0.00	139.49 -2.17 0.00	171.60 -1.75 0.00	115.57 -0.45 0.00	109.57 -0.54 -2.70	110.32 -0.37 -1.59	85.52 -0.56 0.00	79.69 -0.90 -0.17	90.35 -1.27 0.00	82.33 -1.17 0.00	80.17 -1.31 0.00	92.10 -1.46 0.00	107.93 -1.35 0.00	88.74 -0.96 0.00	105.60 -1.01 -5.48	65.22 -0.55 -8.96	63.71 -0.52 -17.47	124.85 -1.74 -13.75	107.73 -1.98 -9.88	67.65 -1.38 -3.52	73.22 -1.78 -0.23

TRIGEN___CC 323695	154.42 10.02 -4.25	120.08 4.48 -50.05	133.44 7.48 -0.58	173.10 7.75 0.00	148.81 7.15 0.00	183.73 10.38 0.00	126.05 8.97 -1.06	141.22 8.33 -25.48	139.68 9.43 -21.15	95.87 7.59 -2.21	88.69 6.63 -1.63	99.25 7.41 -0.22	89.62 6.08 -0.04	87.57 6.09 0.00	100.72 7.16 0.00	175.23 9.11 -56.84	97.15 7.43 -0.02	139.01 9.48 -28.40	123.75 5.41 -61.53	187.78 4.36 -136.67	131.03 9.76 -8.43	107.84 8.01 0.00	84.13 5.20 -13.41	89.75 5.11 -9.86
TRINITY___115KV___4 BK 55933	145.31 5.15 0.00	67.99 2.44 0.00	129.70 4.32 0.00	169.90 4.55 0.00	145.61 3.96 0.00	178.60 5.25 0.00	119.96 3.94 0.00	142.28 3.72 -31.14	131.35 3.88 -18.37	89.26 3.19 0.00	85.75 3.38 -1.95	95.25 3.63 0.00	86.64 3.14 0.00	84.65 3.17 0.00	96.75 3.20 0.00	112.16 2.88 0.00	92.23 2.53 0.00	139.12 3.29 -34.71	134.00 1.98 -75.21	204.79 1.61 -156.42	116.73 3.89 0.00	103.35 3.53 0.00	69.47 2.66 -1.30	77.74 2.97 0.00
UNION___PROCESSING_DRP 323587	134.32 -5.84 0.00	62.73 -2.82 0.00	119.83 -5.55 0.00	157.54 -7.81 0.00	135.20 -6.46 0.00	167.05 -6.30 0.00	112.22 -3.80 0.00	105.98 -4.55 -3.12	106.55 -4.39 -1.84	82.35 -3.73 0.00	76.37 -4.26 -0.20	86.51 -5.11 0.00	78.96 -4.54 0.00	76.33 -5.15 0.00	87.98 -5.58 0.00	102.60 -6.68 0.00	84.20 -5.50 0.00	92.75 -6.18 2.19	55.20 -3.45 -1.84	50.36 -2.90 -6.51	73.58 -7.39 31.87	70.00 -6.91 22.92	53.45 -4.28 7.78	69.43 -4.79 0.54
UPPER HUDSON___HYD 24058	152.49 12.33 0.00	71.20 5.64 0.00	135.80 10.41 0.00	177.27 11.92 0.00	151.49 9.83 0.00	185.65 12.30 0.00	125.39 9.36 0.00	147.85 8.20 -32.23	135.87 7.76 -19.01	91.58 5.50 0.00	87.22 4.78 -2.01	96.38 4.76 0.00	87.54 4.04 0.00	85.88 4.40 0.00	98.42 4.87 0.00	115.54 6.26 0.00	95.15 5.45 0.00	144.06 7.02 -35.91	138.74 4.11 -77.81	211.96 3.37 -161.84	120.55 7.71 0.00	106.39 6.56 0.00	70.89 4.04 -1.35	79.02 4.25 0.00
UPPER RAQUET___HYD 24056	140.25 0.09 0.00	65.85 0.29 0.00	126.77 1.39 0.00	169.26 3.91 0.00	143.97 2.31 0.00	173.33 -0.02 0.00	114.61 -1.41 0.00	105.73 -1.68 0.00	106.68 -2.42 0.00	84.72 -1.36 0.00	80.01 -0.41 0.00	91.84 0.21 0.00	83.77 0.27 0.00	81.60 0.12 0.00	94.09 0.54 0.00	109.04 -0.23 0.00	89.16 -0.53 0.00	99.64 -1.48 0.00	55.75 -1.06 0.00	46.00 -0.76 0.00	111.47 -1.37 0.00	99.23 -0.60 0.00	65.38 -0.13 0.00	75.62 0.86 0.00
VALLEY44_115KV_TB2 355964	135.91 -4.25 0.00	63.18 -2.38 0.00	120.56 -4.82 0.00	158.27 -7.08 0.00	135.96 -5.70 0.00	167.34 -6.01 0.00	111.89 -4.13 0.00	107.08 -5.06 -4.73	107.89 -4.00 -2.79	83.13 -2.95 0.00	77.05 -3.68 -0.30	87.29 -4.33 0.00	80.23 -3.27 0.00	76.94 -4.54 0.00	88.55 -5.00 0.00	103.20 -6.07 0.00	83.91 -5.78 0.01	84.06 -6.39 10.67	48.95 -3.93 3.93	45.51 -3.47 -2.22	33.40 -8.49 70.95	40.32 -8.02 51.48	42.15 -4.76 18.60	68.15 -5.44 1.18
VALLEY___115KV_TB 1-4 80826	145.04 4.88 0.00	67.64 2.09 0.00	128.97 3.59 0.00	168.64 3.29 0.00	145.20 3.54 0.00	179.45 6.11 0.00	121.80 5.78 0.00	112.85 5.43 0.00	113.83 4.73 0.00	89.14 3.06 0.00	82.88 2.46 0.00	93.80 2.18 0.00	85.32 1.82 0.00	84.33 2.85 0.00	96.61 3.06 0.00	113.62 4.34 0.00	93.97 4.28 0.00	106.76 5.64 0.00	60.05 3.24 0.00	49.40 2.64 0.00	118.44 5.60 0.00	104.28 4.45 0.00	68.48 2.97 0.00	77.74 2.97 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	149.65 9.49 0.00	69.90 4.34 0.00	133.46 8.07 0.00	175.34 9.99 0.00	150.92 9.26 0.00	186.19 12.84 0.00	125.66 9.64 0.00	127.37 8.93 -11.02	125.04 9.44 -6.50	93.59 7.51 0.00	87.51 6.39 -0.69	98.68 7.06 0.00	89.76 6.26 0.00	87.41 5.93 0.00	100.35 6.79 0.00	117.85 8.57 0.00	96.58 6.88 0.00	121.27 7.86 -12.29	87.86 4.43 -26.62	105.77 3.65 -55.37	121.06 8.22 0.00	106.80 6.98 0.00	70.42 4.45 -0.46	79.29 4.52 0.00
VISCHER___FERRY HYD 24020	147.53 7.37 0.00	69.00 3.45 0.00	131.66 6.28 0.00	172.23 6.88 0.00	147.64 5.98 0.00	181.74 8.39 0.00	122.56 6.53 0.00	145.04 6.08 -31.55	133.85 6.15 -18.61	90.89 4.81 0.00	86.74 4.34 -1.97	96.41 4.78 0.00	87.54 4.05 0.00	85.72 4.23 0.00	98.30 4.75 0.00	114.69 5.42 0.00	94.21 4.51 0.00	141.86 5.59 -35.16	136.23 3.26 -76.17	207.82 2.65 -158.41	119.08 6.24 0.00	105.20 5.37 0.00	70.38 3.55 -1.32	78.55 3.78 0.00
V_A_10_SYNC_DSASP 323832	130.12 -10.04 0.00	60.75 -4.80 0.00	116.13 -9.25 0.00	152.70 -12.65 0.00	130.96 -10.70 0.00	161.95 -11.40 0.00	108.30 -7.72 0.00	102.12 -8.78 -3.48	102.68 -8.47 -2.05	79.33 -6.74 0.00	73.32 -7.31 -0.20	82.90 -8.72 0.00	75.70 -7.79 0.00	72.99 -8.49 0.00	84.11 -9.45 0.00	97.81 -11.46 0.00	80.07 -9.61 0.01	82.63 -10.97 7.51	47.86 -6.15 2.80	42.83 -5.10 -1.18	55.27 -12.64 44.93	56.96 -11.35 31.51	46.91 -6.94 11.67	66.49 -7.59 0.68
V_CMM_10_SYNC_DSASP 323787	138.55 -1.61 0.00	65.00 -0.56 0.00	125.02 -0.36 0.00	166.61 1.26 0.00	142.14 0.48 0.00	172.32 -1.03 0.00	113.76 -2.26 0.00	105.41 -2.00 0.00	106.58 -2.52 0.00	84.15 -1.93 0.00	79.18 -1.25 0.00	90.86 -0.76 0.00	83.15 -0.34 0.00	81.05 -0.42 0.00	93.31 -0.25 0.00	108.87 -0.40 0.00	89.25 -0.44 0.00	100.06 -1.06 0.00	56.09 -0.72 0.00	46.22 -0.54 0.00	112.05 -0.79 0.00	99.08 -0.75 0.00	65.00 -0.51 0.00	74.90 0.13 0.00
V_CMP_10_SYNC_DSASP 323788	137.06 -3.10 0.00	64.26 -1.30 0.00	124.24 -1.14 0.00	165.92 0.57 0.00	141.22 -0.44 0.00	172.79 -0.56 0.00	114.79 -1.23 0.00	106.18 -1.24 0.00	106.77 -2.33 0.00	83.80 -2.28 0.00	79.08 -1.35 0.00	91.01 -0.61 0.00	83.17 -0.33 0.00	81.81 0.34 0.00	94.96 1.41 0.00	111.02 1.75 0.00	90.65 0.95 0.00	101.06 -0.06 0.00	56.57 -0.24 0.00	46.58 -0.18 0.00	112.08 -0.76 0.00	98.84 -0.99 0.00	64.65 -0.86 0.00	75.55 0.78 0.00
V_D_10_SYNC_DSASP 323841	139.97 -0.19 0.00	65.65 0.09 0.00	126.28 0.90 0.00	168.34 2.99 0.00	143.53 1.87 0.00	173.89 0.54 0.00	114.85 -1.17 0.00	106.15 -1.27 0.00	107.25 -1.85 0.00	84.74 -1.34 0.00	79.76 -0.66 0.00	91.54 -0.08 0.00	83.74 0.24 0.00	81.60 0.12 0.00	93.98 0.42 0.00	109.42 0.14 0.00	89.67 -0.02 0.00	100.49 -0.64 0.00	56.32 -0.50 0.00	46.41 -0.35 0.00	112.50 -0.34 0.00	99.85 0.02 0.00	65.56 0.04 0.00	75.60 0.83 0.00
V_E_10_SYNC_DSASP 323830	145.43 5.27 0.00	67.80 2.24 0.00	129.62 4.24 0.00	171.57 6.22 0.00	148.98 7.32 0.00	187.16 13.81 0.00	128.03 12.01 0.00	126.51 11.22 -7.88	126.40 12.65 -4.64	95.86 9.78 0.00	87.67 6.75 -0.49	98.69 7.07 0.00	89.93 6.44 0.00	88.18 6.70 0.00	102.20 8.64 0.00	120.16 10.89 0.00	98.88 9.18 0.00	137.08 10.42 -25.53	98.10 5.57 -35.72	116.03 3.46 -65.81	206.40 5.91 -87.66	166.42 3.84 -62.76	89.62 1.82 -22.28	77.73 1.50 -1.47
V_F_30_NSYNC___DSASP 323816	149.82 9.66 0.00	70.01 4.45 0.00	133.65 8.27 0.00	174.91 9.56 0.00	149.85 8.19 0.00	184.37 11.02 0.00	124.37 8.35 0.00	147.13 7.59 -32.12	135.48 7.44 -18.95	91.62 5.54 0.00	87.25 4.82 -2.01	96.76 5.14 0.00	87.95 4.46 0.00	86.15 4.67 0.00	98.77 5.22 0.00	115.71 6.43 0.00	95.25 5.55 0.00	143.85 6.93 -35.80	138.38 4.02 -77.56	211.34 3.28 -161.30	120.40 7.56 0.00	106.29 6.46 0.00	70.97 4.12 -1.34	79.14 4.37 0.00

V_F_30_SYNC_DSASP 323786	145.86 5.70 0.00	68.22 2.66 0.00	130.16 4.77 0.00	170.48 5.13 0.00	146.12 4.46 0.00	179.29 5.94 0.00	120.48 4.46 0.00	143.05 4.24 -31.40	132.04 4.42 -18.52	89.65 3.57 0.00	86.12 3.73 -1.96	95.64 4.01 0.00	86.97 3.47 0.00	84.98 3.49 0.00	97.09 3.54 0.00	112.68 3.40 0.00	92.67 2.98 0.00	139.93 3.81 -35.00	134.89 2.25 -75.83	206.29 1.83 -157.71	117.19 4.35 0.00	103.74 3.91 0.00	69.72 2.89 -1.31	77.99 3.23 0.00
V_XM_10_SYNC_DSASP 323789	137.06 -3.10 0.00	64.26 -1.30 0.00	124.24 -1.14 0.00	165.92 0.57 0.00	141.22 -0.44 0.00	172.79 -0.56 0.00	114.79 -1.23 0.00	106.18 -1.24 0.00	106.77 -2.33 0.00	83.80 -2.28 0.00	79.08 -1.35 0.00	91.01 -0.61 0.00	83.17 -0.33 0.00	81.81 0.34 0.00	94.96 1.41 0.00	111.02 1.75 0.00	90.65 0.95 0.00	101.06 -0.06 0.00	56.57 -0.24 0.00	46.58 -0.18 0.00	112.08 -0.76 0.00	98.84 -0.99 0.00	64.65 -0.86 0.00	75.55 0.78 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	148.11 7.94 0.00	68.97 3.41 0.00	130.97 5.59 0.00	171.08 5.73 0.00	146.97 5.31 0.00	181.80 8.45 0.00	123.50 7.48 0.00	139.43 7.43 -24.59	131.54 7.93 -14.50	92.56 6.48 0.00	87.49 5.53 -1.54	97.71 6.09 0.00	88.57 5.07 0.00	86.65 5.17 0.00	99.43 5.88 0.00	116.53 7.25 0.00	95.84 6.14 0.00	136.39 7.86 -27.41	120.63 4.44 -59.38	173.80 3.55 -123.50	120.80 7.96 0.00	106.33 6.50 0.00	70.62 4.08 -1.03	78.69 3.92 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	148.92 8.76 0.00	69.34 3.78 0.00	131.47 6.09 0.00	171.59 6.24 0.00	147.37 5.71 0.00	182.47 9.12 0.00	124.16 8.14 0.00	140.98 8.08 -25.48	132.93 8.80 -15.03	93.27 7.19 0.00	88.34 6.26 -1.65	98.83 6.87 -0.33	89.35 5.79 -0.06	87.32 5.84 0.00	100.18 6.63 0.00	117.44 8.16 0.00	96.50 6.80 0.00	138.15 8.63 -28.40	123.22 4.87 -61.54	178.58 3.84 -127.98	121.36 8.52 0.00	106.85 7.03 0.00	70.98 4.41 -1.06	78.94 4.17 0.00
W50THST__13_KV_LOAD 356117	149.56 9.40 0.00	69.61 4.06 0.00	131.99 6.61 0.00	172.25 6.90 0.00	147.95 6.29 0.00	183.25 9.90 0.00	124.74 8.71 0.00	141.56 8.66 -25.48	133.58 9.45 -15.03	93.81 7.73 0.00	88.90 6.78 -1.69	99.67 7.48 -0.57	89.94 6.34 -0.11	87.85 6.37 0.00	100.81 7.26 0.00	118.17 8.89 0.00	97.07 7.37 0.00	138.77 9.24 -28.40	123.56 5.21 -61.54	178.81 4.07 -127.98	121.89 9.05 0.00	107.26 7.44 0.00	71.23 4.66 -1.06	79.19 4.42 0.00
WADING RIVER_IC_1 23522	157.46 13.05 -4.25	121.55 5.94 -50.05	136.25 10.30 -0.58	175.78 10.42 0.00	150.61 8.95 0.00	186.14 12.79 0.00	126.94 9.86 -1.06	141.21 8.31 -25.48	142.27 12.02 -21.15	97.59 9.31 -2.21	90.02 8.00 -1.59	100.44 8.82 0.00	90.59 7.09 0.00	88.50 7.02 0.00	102.39 8.83 0.00	178.27 12.15 -56.84	98.87 9.15 -0.02	141.20 11.67 -28.40	124.57 6.23 -61.53	188.37 4.95 -136.67	132.76 11.49 -8.43	109.53 9.70 0.00	85.62 6.70 -13.41	91.34 6.71 -9.86
WADING RIVER_IC_2 23547	157.46 13.05 -4.25	121.55 5.94 -50.05	136.25 10.30 -0.58	175.78 10.42 0.00	150.61 8.95 0.00	186.14 12.79 0.00	126.94 9.86 -1.06	141.21 8.31 -25.48	142.27 12.02 -21.15	97.59 9.31 -2.21	90.02 8.00 -1.59	100.44 8.82 0.00	90.59 7.09 0.00	88.50 7.02 0.00	102.39 8.83 0.00	178.27 12.15 -56.84	98.87 9.15 -0.02	141.20 11.67 -28.40	124.57 6.23 -61.53	188.37 4.95 -136.67	132.76 11.49 -8.43	109.53 9.70 0.00	85.62 6.70 -13.41	91.34 6.71 -9.86
WADING RIVER_IC_3 23601	157.46 13.05 -4.25	121.55 5.94 -50.05	136.25 10.30 -0.58	175.78 10.42 0.00	150.61 8.95 0.00	186.14 12.79 0.00	126.94 9.86 -1.06	141.21 8.31 -25.48	142.27 12.02 -21.15	97.59 9.31 -2.21	90.02 8.00 -1.59	100.44 8.82 0.00	90.59 7.09 0.00	88.50 7.02 0.00	102.39 8.83 0.00	178.27 12.15 -56.84	98.87 9.15 -0.02	141.20 11.67 -28.40	124.57 6.23 -61.53	188.37 4.95 -136.67	132.76 11.49 -8.43	109.53 9.70 0.00	85.62 6.70 -13.41	91.34 6.71 -9.86
WALDENNY_12_KV_BK2 80841	132.06 -8.10 0.00	61.63 -3.92 0.00	117.81 -7.57 0.00	154.93 -10.42 0.00	132.87 -8.79 0.00	164.51 -8.84 0.00	110.25 -5.77 0.00	104.32 -7.26 -4.17	104.89 -6.67 -2.46	80.71 -5.37 0.00	74.63 -6.07 -0.27	84.15 -7.48 0.00	76.88 -6.62 0.00	73.79 -7.69 0.00	85.06 -8.49 0.00	98.70 -10.58 0.00	80.71 -8.95 0.03	77.24 -10.02 13.87	42.98 -5.79 8.04	37.18 -4.93 4.64	35.42 -11.98 65.44	43.40 -10.87 45.56	41.29 -6.62 17.59	66.42 -7.39 0.96
WALDEN__HYDRO 24148	148.27 8.11 0.00	69.07 3.51 0.00	131.28 5.90 0.00	171.60 6.25 0.00	147.40 5.74 0.00	182.21 8.86 0.00	123.71 7.69 0.00	139.65 7.55 -24.68	131.63 7.98 -14.56	92.44 6.37 0.00	87.40 5.44 -1.54	97.47 5.85 0.00	88.32 4.82 0.00	86.42 4.94 0.00	99.17 5.61 0.00	116.31 7.03 0.00	95.76 6.07 0.00	136.40 7.75 -27.52	120.87 4.43 -59.63	174.32 3.54 -124.02	120.77 7.93 0.00	106.40 6.57 0.00	70.67 4.13 -1.03	78.78 4.01 0.00
WARRENSBURG____ 23737	152.49 12.33 0.00	71.20 5.64 0.00	135.80 10.41 0.00	177.27 11.92 0.00	151.49 9.83 0.00	185.65 12.30 0.00	125.39 9.36 0.00	147.85 8.20 -32.23	135.87 7.76 -19.01	91.58 5.50 0.00	87.22 4.78 -2.01	96.38 4.76 0.00	87.54 4.04 0.00	85.88 4.40 0.00	98.42 4.87 0.00	115.54 6.26 0.00	95.15 5.45 0.00	144.06 7.02 -35.91	138.74 4.11 -77.81	211.96 3.37 -161.84	120.55 7.71 0.00	106.39 6.56 0.00	70.89 4.04 -1.35	79.02 4.25 0.00
WATERSIDE____6 8 9 23538	148.97 8.81 0.00	69.35 3.79 0.00	131.40 6.02 0.00	171.39 6.04 0.00	147.26 5.60 0.00	182.39 9.04 0.00	124.13 8.11 0.00	141.02 8.12 -25.49	132.95 8.82 -15.03	93.37 7.29 0.01	88.89 6.37 -2.10	101.41 6.97 -2.81	89.91 5.88 -0.53	87.41 5.93 0.00	100.27 6.72 0.00	117.55 8.28 0.00	96.63 6.94 0.00	138.31 8.77 -28.41	123.35 4.99 -61.55	178.69 3.92 -128.01	121.55 8.71 0.00	107.01 7.18 0.00	71.06 4.48 -1.06	79.01 4.24 0.00
WATKINRD_115KV_LN8_ILLION 55919	149.30 9.14 0.00	69.47 3.91 0.00	132.17 6.79 0.00	172.01 6.66 0.00	148.13 6.47 0.00	183.92 10.57 0.00	125.78 9.76 0.00	116.74 9.32 0.00	117.35 8.25 0.00	91.20 5.12 0.00	84.44 4.01 0.00	95.26 3.64 0.00	86.72 3.22 0.00	86.04 4.57 0.00	98.25 4.69 0.00	115.94 6.66 0.00	96.49 6.80 0.00	110.20 9.07 0.00	62.04 5.23 0.00	51.00 4.24 0.00	122.09 9.25 0.00	107.29 7.46 0.00	70.52 5.01 0.00	79.87 5.10 0.00
WATSON__69_KV_BK 1 55734	157.83 13.42 -4.25	121.72 6.11 -50.05	136.61 10.66 -0.58	176.87 11.52 0.00	151.90 10.24 0.00	187.66 14.32 0.00	128.53 11.45 -1.06	142.98 10.08 -25.48	142.36 12.11 -21.15	98.02 9.74 -2.21	90.59 8.57 -1.59	101.02 9.40 0.00	91.15 7.66 0.00	89.06 7.58 0.00	102.83 9.27 0.00	178.43 12.31 -56.84	99.32 9.60 -0.02	141.77 12.25 -28.40	125.23 6.90 -61.53	189.01 5.58 -136.67	133.96 12.69 -8.43	110.38 10.55 0.00	85.91 6.98 -13.41	91.70 7.07 -9.86
WDELAWARE__HYD 323627	146.49 6.33 0.00	67.82 2.26 0.00	129.05 3.67 0.00	169.08 3.73 0.00	145.07 3.42 0.00	179.45 6.10 0.00	121.86 5.83 0.00	136.48 5.83 -23.24	128.85 6.05 -13.71	90.76 4.68 0.00	85.60 3.72 -1.45	95.29 3.67 0.00	86.33 2.83 0.00	84.46 2.98 0.00	96.97 3.41 0.00	113.95 4.67 0.00	94.15 4.46 0.00	133.01 5.99 -25.90	116.38 3.45 -56.11	166.24 2.78 -116.71	118.95 6.11 0.00	104.70 4.88 0.00	69.44 2.95 -0.97	77.43 2.66 0.00

WEST BABYLON___IC 23714	157.02 12.62 -4.25	121.33 5.72 -50.05	135.86 9.90 -0.58	175.95 10.60 0.00	151.15 9.49 0.00	186.75 13.40 0.00	128.08 11.00 -1.06	142.76 9.86 -25.48	141.80 11.55 -21.15	97.48 9.20 -2.21	90.09 8.03 -1.63	100.71 8.87 -0.21	90.79 7.25 -0.04	88.69 7.21 0.00	102.25 8.70 0.00	177.68 11.56 -56.84	98.86 9.15 -0.02	141.17 11.64 -28.40	124.89 6.55 -61.53	188.72 5.30 -136.67	133.31 12.04 -8.43	109.80 9.97 0.00	85.52 6.60 -13.41	91.25 6.62 -9.86
WEST CANADA___HYD 24049	141.07 0.91 0.00	65.96 0.41 0.00	126.13 0.74 0.00	165.84 0.49 0.00	142.24 0.57 0.00	174.46 1.11 0.00	117.04 1.02 0.00	108.38 0.97 0.00	110.14 1.04 0.00	86.92 0.84 0.00	81.14 0.71 0.00	92.33 0.71 0.00	84.02 0.52 0.00	82.06 0.58 0.00	94.20 0.64 0.00	110.01 0.73 0.00	90.29 0.60 0.00	101.91 0.79 0.00	57.26 0.45 0.00	47.12 0.37 0.00	113.57 0.73 0.00	100.43 0.60 0.00	65.94 0.43 0.00	75.09 0.32 0.00
WESTERN_NY_WIND 24143	134.17 -5.99 0.00	62.59 -2.97 0.00	119.62 -5.77 0.00	157.27 -8.08 0.00	134.90 -6.76 0.00	167.26 -6.09 0.00	112.38 -3.64 0.00	106.00 -5.01 -3.60	106.44 -4.79 -2.14	81.89 -4.19 0.00	75.53 -5.20 -0.31	85.22 -6.43 -0.03	77.85 -5.67 -0.02	74.84 -6.66 -0.02	86.64 -6.92 -0.01	100.78 -8.50 0.00	82.78 -6.90 0.02	85.51 -7.28 8.33	49.33 -4.05 3.43	43.95 -3.41 -0.60	56.64 -8.49 47.71	58.35 -7.97 33.51	48.00 -4.90 12.62	68.43 -5.60 0.73
WESTOVER___LESR 323668	139.77 -0.39 0.00	65.22 -0.34 0.00	124.34 -1.04 0.00	163.24 -2.11 0.00	140.32 -1.34 0.00	172.68 -0.67 0.00	116.23 0.20 0.00	115.66 0.10 -8.14	114.63 0.73 -4.80	86.42 0.35 0.00	80.84 -0.10 -0.51	91.18 -0.45 0.00	83.15 -0.34 0.00	80.94 -0.54 0.00	92.94 -0.61 0.00	109.03 -0.25 0.00	89.34 -0.35 0.00	104.71 -0.27 -3.86	70.96 -0.29 -14.44	78.98 -0.29 -32.52	81.80 -1.49 29.55	76.97 -1.61 21.24	57.47 -1.06 6.98	72.84 -1.43 0.50
WETHRSFD_WT_PWR 323626	131.60 -8.56 0.00	61.49 -4.06 0.00	117.65 -7.73 0.00	154.54 -10.81 0.00	132.32 -9.34 0.00	163.14 -10.21 0.00	110.01 -6.01 0.00	105.39 -6.74 -4.71	105.90 -5.98 -2.78	80.76 -5.32 0.00	75.11 -5.61 -0.29	84.62 -7.00 0.00	77.49 -6.01 0.00	74.56 -6.92 0.00	85.77 -7.78 0.00	99.57 -9.71 0.00	81.19 -8.40 0.10	53.63 -10.06 37.43	21.10 -5.88 29.83	10.82 -5.20 30.73	-9.08 -12.82 109.10	14.87 -11.75 73.20	26.16 -7.57 31.79	64.96 -8.50 1.31
WHAVSTOR_138KV_BK127 55557	147.40 7.24 0.00	68.64 3.08 0.00	130.34 4.96 0.00	170.24 4.89 0.00	146.22 4.56 0.00	180.84 7.49 0.00	122.87 6.85 0.00	138.83 6.80 -24.62	130.92 7.30 -14.52	92.06 5.99 0.00	87.04 5.08 -1.54	97.19 5.57 0.00	88.12 4.62 0.00	86.19 4.71 0.00	98.88 5.32 0.00	115.92 6.64 0.00	95.29 5.59 0.00	135.81 7.25 -27.43	120.36 4.11 -59.44	173.65 3.27 -123.62	120.13 7.29 0.00	105.80 5.97 0.00	70.28 3.75 -1.03	78.32 3.55 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	147.40 7.24 0.00	68.64 3.08 0.00	130.34 4.96 0.00	170.24 4.89 0.00	146.22 4.56 0.00	180.84 7.49 0.00	122.87 6.85 0.00	138.83 6.80 -24.62	130.92 7.30 -14.52	92.06 5.99 0.00	87.04 5.08 -1.54	97.19 5.57 0.00	88.12 4.62 0.00	86.19 4.71 0.00	98.88 5.32 0.00	115.92 6.64 0.00	95.29 5.59 0.00	135.81 7.25 -27.43	120.36 4.11 -59.44	173.65 3.27 -123.62	120.13 7.29 0.00	105.80 5.97 0.00	70.28 3.75 -1.03	78.32 3.55 0.00
WHITEHAL_115KV_TB1 80871	155.08 14.92 0.00	72.32 6.76 0.00	137.49 12.11 0.00	179.54 14.19 0.00	154.01 12.35 0.00	190.85 17.50 0.00	129.48 13.46 0.00	150.17 10.59 -32.17	137.08 9.01 -18.97	91.99 5.91 0.00	88.07 5.63 -2.01	96.64 5.02 0.00	87.08 3.58 0.00	85.84 4.36 0.00	98.87 5.31 0.00	116.29 7.01 0.00	95.25 5.56 0.00	145.00 8.03 -35.85	139.44 4.95 -77.67	212.46 4.17 -161.54	121.98 9.14 0.00	107.42 7.60 0.00	71.47 4.62 -1.34	79.58 4.82 0.00
WHITEPLN_13_KV_LOAD 356215	149.93 9.77 0.00	69.81 4.25 0.00	132.54 7.15 0.00	173.04 7.68 0.00	148.62 6.96 0.00	183.94 10.59 0.00	125.19 9.17 0.00	141.86 9.01 -25.43	133.79 9.69 -15.00	93.91 7.83 0.00	88.84 6.83 -1.59	99.11 7.49 0.00	89.83 6.33 0.00	87.85 6.37 0.00	100.84 7.28 0.00	118.19 8.92 0.00	97.19 7.50 0.00	138.97 9.50 -28.35	123.61 5.38 -61.41	178.75 4.27 -127.73	122.39 9.55 0.00	107.77 7.94 0.00	71.56 4.99 -1.06	79.63 4.87 0.00
WM_FLOYD_69_KV_BK2 356380	156.90 12.49 -4.25	121.29 5.68 -50.05	135.77 9.81 -0.58	175.55 10.20 0.00	150.79 9.13 0.00	186.32 12.97 0.00	127.52 10.44 -1.06	141.99 9.09 -25.48	141.70 11.45 -21.15	97.18 8.90 -2.21	89.68 7.66 -1.59	100.12 8.49 0.00	90.28 6.78 0.00	88.21 6.73 0.00	102.06 8.50 0.00	177.74 11.62 -56.84	98.80 9.09 -0.02	141.26 11.74 -28.40	124.82 6.48 -61.53	188.59 5.17 -136.67	133.17 11.90 -8.43	109.84 10.01 0.00	85.71 6.79 -13.41	91.48 6.85 -9.86
WOODARD___115KV_TB2 355635	137.40 -2.77 0.00	64.23 -1.32 0.00	122.58 -2.80 0.00	161.12 -4.23 0.00	138.41 -3.25 0.00	170.20 -3.16 0.00	114.54 -1.48 0.00	108.19 -1.53 -2.30	109.06 -1.39 -1.36	84.75 -1.32 0.00	79.04 -1.53 -0.14	89.68 -1.95 0.00	81.70 -1.81 0.00	79.55 -1.93 0.00	91.42 -2.13 0.00	107.04 -2.24 0.00	88.03 -1.67 0.00	101.89 -1.82 -2.58	61.30 -1.06 -5.54	57.37 -0.91 -11.53	110.21 -2.63 0.00	97.17 -2.65 0.00	63.81 -1.80 -0.10	72.52 -2.25 0.00
YORK___WARBASSE 23770	149.62 9.46 0.00	69.70 4.15 0.00	131.89 6.51 0.00	171.93 6.58 0.00	147.66 6.00 0.00	183.02 9.67 0.00	124.53 8.51 0.00	141.38 8.48 -25.49	133.43 9.29 -15.04	93.83 7.73 -0.02	89.31 6.58 -2.31	102.80 7.19 -3.99	90.34 6.08 -0.75	87.65 6.17 0.00	100.54 6.98 0.00	117.85 8.57 0.00	96.91 7.22 0.00	138.70 9.17 -28.41	123.63 5.27 -61.55	178.93 4.17 -128.01	122.17 9.33 0.00	107.48 7.66 0.00	71.37 4.79 -1.06	79.35 4.58 0.00