

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

12/03/2024

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 24138	169.87	114.71	90.39	83.64	87.74	134.34	205.62	199.37	184.81	157.20	124.38	98.86	95.25	112.15	101.62	147.91	237.01	314.78	188.47	148.81	128.65	124.26	137.89	112.41
	8.09	6.64	5.33	4.78	5.02	8.38	10.22	8.37	9.72	9.43	6.51	5.15	4.93	4.97	5.71	8.51	8.41	14.81	10.62	11.81	10.28	9.69	9.91	7.47
	-49.22	-10.98	0.00	0.00	0.00	0.00	-49.00	-80.22	-48.17	-25.14	-35.64	-30.08	-31.01	-47.50	-31.64	-43.94	-136.51	-135.14	-59.77	0.00	0.01	0.00	0.00	0.00
74TH STREET_GT_1 24260	169.92	114.81	90.49	83.74	87.81	134.41	205.79	199.45	184.91	157.13	124.19	98.40	94.93	111.96	101.48	147.69	236.79	314.58	188.44	148.83	128.66	124.27	137.87	112.37
	8.20	6.75	5.43	4.87	5.09	8.45	10.46	8.56	9.87	9.40	6.36	5.08	4.80	4.84	5.61	8.34	8.37	14.78	10.66	11.83	10.29	9.69	9.90	7.42
	-49.16	-10.96	0.00	0.00	0.00	0.00	-48.94	-80.12	-48.11	-25.10	-35.60	-29.70	-30.82	-47.44	-31.60	-43.89	-136.33	-134.96	-59.69	0.00	0.01	0.00	0.00	0.00
74TH STREET_GT_2 24261	169.92	114.81	90.49	83.74	87.81	134.41	205.79	199.45	184.91	157.13	124.19	98.40	94.93	111.96	101.48	147.69	236.79	314.58	188.44	148.83	128.66	124.27	137.87	112.37
	8.20	6.75	5.43	4.87	5.09	8.45	10.46	8.56	9.87	9.40	6.36	5.08	4.80	4.84	5.61	8.34	8.37	14.78	10.66	11.83	10.29	9.69	9.90	7.42
	-49.16	-10.96	0.00	0.00	0.00	0.00	-48.94	-80.12	-48.11	-25.10	-35.60	-29.70	-30.82	-47.44	-31.60	-43.89	-136.33	-134.96	-59.69	0.00	0.01	0.00	0.00	0.00
ADK HUDSON___FALLS 24011	131.59	105.54	89.93	83.44	87.73	134.20	169.04	139.12	148.08	136.80	96.28	75.19	71.12	76.07	76.88	113.51	134.09	211.86	142.43	147.76	127.67	123.26	136.97	111.70
	6.23	5.60	4.87	4.59	5.01	8.24	9.91	7.55	8.70	7.67	4.83	3.89	3.87	4.16	4.47	6.75	6.83	12.06	8.88	10.76	9.29	8.68	8.99	6.75
	-12.80	-2.85	0.00	0.00	0.00	0.00	-12.74	-20.80	-12.45	-6.50	-9.22	-7.68	-7.94	-12.22	-8.14	-11.30	-35.17	-34.96	-15.47	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY 23798	131.80	106.09	90.42	83.87	88.25	135.08	170.01	139.83	149.14	137.57	96.65	75.37	71.31	76.25	77.12	114.01	134.58	212.78	143.24	149.10	128.82	124.18	137.89	112.29
	6.49	6.16	5.36	5.01	5.53	9.12	10.92	8.33	9.80	8.47	5.24	4.09	4.09	4.39	4.74	7.29	7.44	13.11	9.74	12.09	10.44	9.61	9.91	7.35
	-12.75	-2.84	0.00	0.00	0.00	0.00	-12.69	-20.72	-12.41	-6.48	-9.18	-7.65	-7.91	-12.18	-8.11	-11.26	-35.04	-34.84	-15.41	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS 24028	131.59	105.54	89.93	83.44	87.73	134.20	169.04	139.12	148.08	136.80	96.28	75.19	71.12	76.07	76.88	113.51	134.09	211.86	142.43	147.76	127.67	123.26	136.97	111.70
	6.23	5.60	4.87	4.59	5.01	8.24	9.91	7.55	8.70	7.67	4.83	3.89	3.87	4.16	4.47	6.75	6.83	12.06	8.88	10.76	9.29	8.68	8.99	6.75
	-12.80	-2.85	0.00	0.00	0.00	0.00	-12.74	-20.80	-12.45	-6.50	-9.22	-7.68	-7.94	-12.22	-8.14	-11.30	-35.17	-34.96	-15.47	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM 23527	136.01	106.95	90.52	83.93	88.18	134.63	172.49	144.00	151.12	139.00	99.42	77.87	73.65	79.52	79.53	116.57	142.42	219.65	145.57	147.07	127.66	123.64	137.40	112.17
	7.57	6.32	5.46	5.07	5.46	8.67	10.28	7.38	8.69	8.28	5.72	4.69	4.45	4.60	5.11	7.02	6.54	11.36	8.26	10.06	9.28	9.07	9.42	7.22
	-15.88	-3.54	0.00	0.00	0.00	0.00	-15.81	-25.84	-15.49	-8.08	-11.47	-9.56	-9.89	-15.23	-10.14	-14.08	-43.79	-43.45	-19.22	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP 24190	128.98	101.99	86.60	80.70	84.36	128.79	163.82	136.10	143.51	132.46	94.35	74.16	70.02	75.12	75.38	109.94	132.47	206.30	137.27	139.73	121.24	118.23	131.52	107.87
	2.39	1.77	1.54	1.84	1.64	2.82	3.44	2.48	2.87	2.67	1.98	2.09	1.99	2.02	2.18	2.09	1.84	3.22	2.26	2.73	2.86	3.66	3.54	2.93
	-14.04	-3.13	0.00	0.00	0.00	0.00	-13.98	-22.85	-13.71	-7.15	-10.14	-8.45	-8.71	-13.41	-8.93	-12.39	-38.54	-38.25	-16.92	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK 355683	113.82	98.43	86.38	80.04	83.86	127.07	146.97	110.78	126.57	122.48	82.02	63.23	59.35	59.59	63.81	94.69	90.48	161.90	115.87	134.19	115.85	112.39	126.32	103.88
	1.26	1.34	1.32	1.18	1.14	1.10	0.57	0.00	-0.36	-0.15	-0.21	-0.40	0.04	-0.09	-0.46	-0.76	-1.61	-2.93	-2.22	-2.81	-2.53	-2.19	-1.66	-1.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 323833	133.80	104.24	88.02	81.90	85.79	130.88	169.43	143.02	148.65	135.72	97.59	76.38	72.38	78.71	78.04	114.21	142.14	217.37	143.09	142.61	123.51	119.92	133.63	109.61
	4.01	3.31	2.96	3.04	3.07	4.92	5.88	4.18	4.81	4.27	2.85	2.37	2.53	2.79	2.98	3.81	3.61	6.49	4.63	5.61	5.13	5.34	5.65	4.66
	-17.23	-3.84	0.00	0.00	0.00	0.00	-17.15	-28.06	-16.91	-8.82	-12.51	-10.38	-10.55	-16.23	-10.79	-14.94	-46.44	-46.05	-20.37	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR 323834	133.74	104.22	88.00	81.86	85.76	130.86	169.32	142.92	148.56	135.67	97.58	76.35	72.33	78.69	78.01	114.18	142.04	217.26	143.02	142.58	123.47	119.86	133.57	109.55
	3.98	3.29	2.93	3.00	3.04	4.89	5.80	4.13	4.75	4.23	2.85	2.36	2.49	2.79	2.97	3.81	3.57	6.43	4.59	5.57	5.09	5.29	5.60	4.61
	-17.20	-3.84	0.00	0.00	0.00	0.00	-17.13	-28.02	-16.88	-8.81	-12.49	-10.36	-10.53	-16.21	-10.77	-14.92	-46.38	-45.99	-20.35	0.00	0.00	0.00	0.00	0.00
ALBANY___1 23571	128.98	101.99	86.60	80.70	84.36	128.79	163.82	136.10	143.51	132.46	94.35	74.16	70.02	75.12	75.38	109.94	132.47	206.30	137.27	139.73	121.24	118.23	131.52	107.87
	2.39	1.77	1.54	1.84	1.64	2.82	3.44	2.48	2.87	2.67	1.98	2.09	1.99	2.02	2.18	2.09	1.84	3.22	2.26	2.73	2.86	3.66	3.54	2.93
	-14.04	-3.13	0.00	0.00	0.00	0.00	-13.98	-22.85	-13.71	-7.15	-10.14	-8.45	-8.71	-13.41	-8.93	-12.39	-38.54	-38.25	-16.92	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	128.98 2.39 -14.04	101.99 1.77 -3.13	86.60 1.54 0.00	80.70 1.84 0.00	84.36 1.64 0.00	128.79 2.82 0.00	163.82 3.44 -13.98	136.10 2.48 -22.85	143.51 2.87 -13.71	132.46 2.67 -7.15	94.35 1.98 -10.14	74.16 2.09 -8.45	70.02 1.99 -8.71	75.12 2.02 -13.41	75.38 2.18 -8.93	109.94 2.09 -12.39	132.47 1.84 -38.54	206.30 3.22 -38.25	137.27 2.26 -16.92	139.73 2.73 0.00	121.24 2.86 0.00	118.23 3.66 0.00	131.52 3.54 0.00	107.87 2.93 0.00
ALBANY___3 23573	128.98 2.39 -14.04	101.99 1.77 -3.13	86.60 1.54 0.00	80.70 1.84 0.00	84.36 1.64 0.00	128.79 2.82 0.00	163.82 3.44 -13.98	136.10 2.48 -22.85	143.51 2.87 -13.71	132.46 2.67 -7.15	94.35 1.98 -10.14	74.16 2.09 -8.45	70.02 1.99 -8.71	75.12 2.02 -13.41	75.38 2.18 -8.93	109.94 2.09 -12.39	132.47 1.84 -38.54	206.30 3.22 -38.25	137.27 2.26 -16.92	139.73 2.73 0.00	121.24 2.86 0.00	118.23 3.66 0.00	131.52 3.54 0.00	107.87 2.93 0.00
ALBANY___4 23574	128.98 2.39 -14.04	101.99 1.77 -3.13	86.60 1.54 0.00	80.70 1.84 0.00	84.36 1.64 0.00	128.79 2.82 0.00	163.82 3.44 -13.98	136.10 2.48 -22.85	143.51 2.87 -13.71	132.46 2.67 -7.15	94.35 1.98 -10.14	74.16 2.09 -8.45	70.02 1.99 -8.71	75.12 2.02 -13.41	75.38 2.18 -8.93	109.94 2.09 -12.39	132.47 1.84 -38.54	206.30 3.22 -38.25	137.27 2.26 -16.92	139.73 2.73 0.00	121.24 2.86 0.00	118.23 3.66 0.00	131.52 3.54 0.00	107.87 2.93 0.00
ALBANY___LFGE 323615	129.71 3.45 -13.70	102.86 2.71 -3.05	87.43 2.36 0.00	81.40 2.54 0.00	85.16 2.45 0.00	130.03 4.07 0.00	164.98 4.94 -13.64	136.69 3.63 -22.29	144.51 4.22 -13.36	133.52 3.91 -6.97	94.92 2.80 -9.89	74.50 2.64 -8.23	70.38 2.57 -8.51	75.40 2.63 -13.09	75.81 2.82 -8.71	110.78 3.23 -12.09	132.78 3.06 -37.63	207.61 5.42 -37.36	138.40 3.79 -16.53	141.52 4.52 0.00	122.67 4.29 0.00	119.43 4.86 0.00	132.78 4.81 0.00	108.89 3.94 0.00
ALCOA_PA_115KV_PL-6C 55860	114.30 1.75 0.00	98.86 1.77 0.00	86.80 1.74 0.00	80.41 1.56 0.00	84.25 1.54 0.00	127.61 1.65 0.00	147.17 0.77 0.00	111.12 0.34 0.00	127.25 0.33 0.00	123.29 0.66 0.00	82.45 0.23 0.00	63.57 -0.05 0.00	59.55 0.24 0.00	59.67 -0.02 0.00	63.89 -0.39 0.00	94.80 -0.66 0.00	90.98 -1.11 0.00	162.63 -2.20 0.00	116.30 -1.78 0.00	134.63 -2.37 0.00	116.28 -2.10 0.00	112.90 -1.67 0.00	127.37 -0.61 0.00	104.88 -0.06 0.00
ALCOA_RYNLDS___DRP 24188	114.30 1.75 0.00	98.86 1.77 0.00	86.80 1.74 0.00	80.41 1.56 0.00	84.25 1.54 0.00	127.61 1.65 0.00	147.17 0.77 0.00	111.12 0.34 0.00	127.25 0.33 0.00	123.29 0.66 0.00	82.45 0.23 0.00	63.57 -0.05 0.00	59.55 0.24 0.00	59.67 -0.02 0.00	63.89 -0.39 0.00	94.80 -0.66 0.00	90.98 -1.11 0.00	162.63 -2.20 0.00	116.30 -1.78 0.00	134.63 -2.37 0.00	116.28 -2.10 0.00	112.90 -1.67 0.00	127.37 -0.61 0.00	104.88 -0.06 0.00
ALCOA___DSASP 323711	114.32 1.77 0.00	98.86 1.76 0.00	86.80 1.74 0.00	80.41 1.56 0.00	84.26 1.54 0.00	127.61 1.65 0.00	147.20 0.80 0.00	111.15 0.37 0.00	127.24 0.31 0.00	123.29 0.66 0.00	82.45 0.23 0.00	63.57 -0.06 0.00	59.55 0.24 0.00	59.67 -0.02 0.00	63.89 -0.38 0.00	94.80 -0.66 0.00	91.01 -1.09 0.00	162.68 -2.16 0.00	116.34 -1.75 0.00	134.62 -2.38 0.00	116.31 -2.08 0.00	112.91 -1.67 0.00	127.37 -0.61 0.00	104.88 -0.06 0.00
ALLEGHENY___COGEN 23514	108.61 -3.77 0.17	94.34 -2.35 0.40	82.94 -1.58 0.54	76.67 -1.53 0.66	80.63 -1.70 0.39	121.16 -4.54 0.26	141.20 -4.55 0.65	114.68 -3.03 -6.93	138.50 -5.44 -17.01	124.77 -5.26 -7.39	116.47 -4.10 -38.34	106.26 -3.39 -46.02	68.13 -4.97 -13.79	64.96 -5.02 -10.29	73.11 -6.15 -14.98	86.56 -6.89 2.00	80.88 -3.05 8.16	160.54 -1.07 3.22	116.35 -1.28 0.45	134.40 -2.24 0.36	114.40 -2.96 1.03	107.45 -4.34 2.79	122.06 -4.09 1.84	98.29 -2.61 4.04
ALTAMONT_115KV_TB 2 55880	129.09 3.03 -13.50	102.55 2.45 -3.01	87.15 2.09 0.00	80.93 2.07 0.00	84.85 2.13 0.00	129.56 3.60 0.00	164.13 4.29 -13.44	135.96 3.21 -21.97	143.78 3.68 -13.18	132.91 3.40 -6.88	94.39 2.41 -9.75	73.88 2.13 -8.12	69.74 2.05 -8.38	74.71 2.12 -12.90	75.21 2.35 -8.59	110.45 3.07 -11.93	132.09 2.92 -37.09	206.79 5.15 -36.81	138.08 3.72 -16.28	141.39 4.38 0.00	122.38 4.00 0.00	118.72 4.15 0.00	132.16 4.18 0.00	108.29 3.34 0.00
ALTONA_WT_PWR 323606	115.46 2.90 0.00	99.85 2.76 0.00	87.52 2.46 0.00	80.99 2.13 0.00	84.58 1.86 0.00	128.45 2.49 0.00	148.86 2.47 0.00	112.88 2.10 0.00	129.23 2.30 0.00	124.91 2.28 0.00	83.50 1.27 0.00	64.20 0.57 0.00	60.29 0.98 0.00	60.57 0.88 0.00	64.86 0.58 0.00	95.80 0.34 0.00	92.11 0.02 0.00	164.91 0.07 0.00	118.30 0.22 0.00	136.56 -0.45 0.00	117.90 -0.49 0.00	114.17 -0.41 0.00	127.86 -0.13 0.00	104.89 -0.06 0.00
AMERICAN_REF_FUEL 24010	100.51 -10.95 1.10	86.99 -7.57 2.53	75.60 -6.03 3.43	68.94 -5.77 4.15	74.15 -6.12 2.45	111.78 -12.55 1.63	126.16 -16.18 4.06	92.13 -12.92 5.72	95.19 -14.39 17.35	75.61 -12.83 34.19	43.88 -8.74 29.60	46.11 -6.76 10.75	44.32 -6.97 8.02	43.33 -7.20 9.16	49.87 -8.21 6.20	78.86 -11.95 4.64	67.19 -10.18 14.71	137.57 -16.57 10.69	102.36 -13.48 2.25	118.27 -16.43 2.30	98.26 -15.07 5.06	90.65 -15.34 8.58	101.98 -14.41 11.58	70.17 -9.25 25.53
ARKWRIGHT___SUMMIT_WT_PWR 323751	106.57 -4.69 1.30	92.17 -1.92 3.00	80.46 -0.54 4.07	73.10 -0.84 4.92	78.35 -1.47 2.90	118.16 -5.87 1.93	135.01 -6.55 4.83	99.09 -5.15 6.54	101.58 -5.51 19.84	78.95 -4.63 39.05	49.16 -3.03 30.04	53.36 -2.40 7.86	49.41 -2.78 7.12	47.74 -3.09 8.86	55.82 -3.55 4.90	85.13 -4.89 5.45	72.03 -2.60 17.47	147.88 -4.26 12.70	110.71 -3.97 3.40	128.21 -6.06 2.73	104.41 -6.84 7.13	95.83 -8.50 10.25	106.60 -7.60 13.78	69.56 -5.03 30.36
ARTHUR KILL_GT_1 23520	168.85 7.13 -49.16	113.85 5.80 -10.96	89.46 4.40 0.00	82.76 3.90 0.00	86.84 4.13 0.00	132.86 6.90 0.00	204.21 8.88 -48.94	198.05 7.15 -80.12	183.17 8.14 -48.11	155.05 7.32 -25.10	122.73 4.90 -35.60	77.45 3.80 -10.03	70.83 3.58 -7.94	81.59 3.74 -18.17	77.52 4.47 -8.78	115.88 6.69 -13.74	181.42 6.75 -82.58	265.84 11.83 -89.17	171.20 8.62 -44.49	133.35 9.32 12.98	112.46 8.19 14.12	108.99 7.80 13.38	124.68 7.74 11.04	97.43 5.61 13.12
ARTHUR_KILL_2 23512	168.51 6.79 -49.16	113.52 5.47 -10.96	89.17 4.11 0.00	82.50 3.64 0.00	86.57 3.85 0.00	132.40 6.44 0.00	203.67 8.33 -48.94	197.65 6.75 -80.12	182.70 7.67 -48.11	154.63 6.90 -25.10	122.49 4.67 -35.60	77.28 3.63 -10.03	70.68 3.42 -7.94	81.42 3.57 -18.17	77.33 4.28 -8.78	115.60 6.40 -13.74	181.12 6.45 -82.58	265.21 11.21 -89.17	170.78 8.21 -44.49	132.85 8.82 12.98	112.05 7.78 14.12	108.62 7.43 13.38	124.28 7.34 11.04	97.09 5.27 13.12
ARTHUR_KILL_3 23513	168.41 6.68 -49.18	113.53 5.47 -10.97	89.37 4.31 0.00	82.71 3.85 0.00	86.76 4.05 0.00	132.80 6.84 0.00	203.77 8.42 -48.96	197.86 6.94 -80.15	183.02 7.96 -48.13	155.16 7.42 -25.11	122.88 5.03 -35.61	81.67 4.03 -14.02	67.72 3.86 -4.56	81.75 3.88 -18.18	77.61 4.56 -8.78	116.03 6.82 -13.75	181.10 6.86 -82.15	265.06 12.03 -88.20	170.36 8.72 -43.56	133.65 9.63 12.98	112.69 8.43 14.12	109.17 7.98 13.39	124.86 7.92 11.05	97.67 5.85 13.12

ARTHUR_KILL_COGEN 323718	168.85 7.13 -49.16	113.85 5.80 -10.96	89.46 4.40 0.00	82.76 3.90 0.00	86.84 4.13 0.00	132.86 6.90 0.00	204.21 8.88 -48.94	198.05 7.15 -80.12	183.17 8.14 -48.11	155.05 7.32 -25.10	122.73 4.90 -35.60	77.45 3.80 -10.03	70.83 3.58 -7.94	81.59 3.74 -18.17	77.52 4.47 -8.78	115.88 6.69 -13.74	181.42 6.75 -82.58	265.84 11.83 -89.17	171.20 8.62 -44.49	133.35 9.32 12.98	112.46 8.19 14.12	108.99 7.80 13.38	124.68 7.74 11.04	97.43 5.61 13.12
ASHOKAN____ 23654	155.12 8.90 -33.66	111.44 6.84 -7.51	90.95 5.89 0.00	84.54 5.68 0.00	88.69 5.97 0.00	135.81 9.85 0.00	193.27 13.36 -33.51	176.36 10.67 -54.91	172.72 12.42 -33.38	151.45 11.40 -17.42	114.61 7.68 -24.70	90.32 6.37 -20.33	85.80 6.46 -20.04	97.55 7.02 -30.84	92.10 7.41 -20.42	134.52 10.93 -28.12	190.66 11.20 -87.38	271.92 20.55 -86.54	170.62 14.25 -38.29	152.46 15.45 0.00	131.67 13.29 0.00	126.95 12.37 0.00	140.72 12.74 0.00	114.70 9.75 0.00
ASTORIA_EAST_ENERGY_CC1 323581	169.42 7.34 -49.52	114.23 6.17 -10.96	89.88 4.81 0.00	83.13 4.27 0.00	87.10 4.39 0.00	133.38 7.42 0.00	204.80 9.46 -48.94	198.64 7.75 -80.12	184.09 9.05 -48.11	156.06 8.33 -25.10	123.39 5.57 -35.60	98.01 4.50 -29.88	94.40 4.19 -30.90	111.35 4.23 -47.44	100.87 4.99 -31.60	146.90 7.56 -43.89	236.12 7.56 -136.46	313.14 13.35 -134.96	187.54 9.76 -59.69	147.87 10.87 0.00	128.20 9.83 0.01	123.88 9.30 0.00	137.27 9.29 0.00	111.72 6.77 0.00
ASTORIA_EAST_ENERGY_CC2 323582	169.73 7.65 -49.52	114.47 6.42 -10.96	90.09 5.02 0.00	83.17 4.31 0.00	87.09 4.38 0.00	133.37 7.40 0.00	204.77 9.43 -48.94	198.64 7.75 -80.12	184.05 9.02 -48.11	156.09 8.36 -25.10	123.54 5.71 -35.60	98.09 4.59 -29.88	94.51 4.30 -30.90	111.46 4.33 -47.44	100.97 5.10 -31.60	147.11 7.76 -43.89	236.39 7.84 -136.46	313.59 13.80 -134.96	187.87 10.10 -59.69	148.25 11.25 0.00	128.31 9.94 0.01	123.96 9.38 0.00	137.30 9.32 0.00	111.75 6.80 0.00
ASTORIA_GT2_1 24094	169.50 7.42 -49.52	114.28 6.22 -10.96	89.93 4.87 0.00	83.19 4.34 0.00	87.14 4.42 0.00	133.41 7.45 0.00	204.89 9.55 -48.94	198.72 7.83 -80.12	184.14 9.11 -48.11	156.17 8.43 -25.10	123.46 5.64 -35.60	98.06 4.55 -29.88	94.46 4.25 -30.90	111.41 4.28 -47.44	100.91 5.04 -31.60	146.97 7.62 -43.89	236.14 7.59 -136.46	313.25 13.45 -134.96	187.66 9.88 -59.69	147.94 10.94 0.00	128.23 9.86 0.01	123.89 9.32 0.00	137.29 9.30 0.00	111.75 6.80 0.00
ASTORIA_GT2_2 24095	169.50 7.42 -49.52	114.28 6.22 -10.96	89.93 4.87 0.00	83.19 4.34 0.00	87.14 4.42 0.00	133.41 7.45 0.00	204.89 9.55 -48.94	198.72 7.83 -80.12	184.14 9.11 -48.11	156.17 8.43 -25.10	123.46 5.64 -35.60	98.06 4.55 -29.88	94.46 4.25 -30.90	111.41 4.28 -47.44	100.91 5.04 -31.60	146.97 7.62 -43.89	236.14 7.59 -136.46	313.25 13.45 -134.96	187.66 9.88 -59.69	147.94 10.94 0.00	128.23 9.86 0.01	123.89 9.32 0.00	137.29 9.30 0.00	111.75 6.80 0.00
ASTORIA_GT2_3 24096	169.50 7.42 -49.52	114.28 6.22 -10.96	89.93 4.87 0.00	83.19 4.34 0.00	87.14 4.42 0.00	133.41 7.45 0.00	204.89 9.55 -48.94	198.72 7.83 -80.12	184.14 9.11 -48.11	156.17 8.43 -25.10	123.46 5.64 -35.60	98.06 4.55 -29.88	94.46 4.25 -30.90	111.41 4.28 -47.44	100.91 5.04 -31.60	146.97 7.62 -43.89	236.14 7.59 -136.46	313.25 13.45 -134.96	187.66 9.88 -59.69	147.94 10.94 0.00	128.23 9.86 0.01	123.89 9.32 0.00	137.29 9.30 0.00	111.75 6.80 0.00
ASTORIA_GT2_4 24097	169.50 7.42 -49.52	114.28 6.22 -10.96	89.93 4.87 0.00	83.19 4.34 0.00	87.14 4.42 0.00	133.41 7.45 0.00	204.89 9.55 -48.94	198.72 7.83 -80.12	184.14 9.11 -48.11	156.17 8.43 -25.10	123.46 5.64 -35.60	98.06 4.55 -29.88	94.46 4.25 -30.90	111.41 4.28 -47.44	100.91 5.04 -31.60	146.97 7.62 -43.89	236.14 7.59 -136.46	313.25 13.45 -134.96	187.66 9.88 -59.69	147.94 10.94 0.00	128.23 9.86 0.01	123.89 9.32 0.00	137.29 9.30 0.00	111.75 6.80 0.00
ASTORIA_GT3_1 24098	169.73 7.66 -49.52	114.47 6.42 -10.96	90.09 5.02 0.00	83.25 4.39 0.00	87.14 4.42 0.00	133.40 7.44 0.00	204.83 9.50 -48.94	198.73 7.83 -80.12	184.11 9.07 -48.11	156.19 8.46 -25.10	123.57 5.74 -35.60	98.14 4.64 -29.88	94.52 4.32 -30.90	111.48 4.36 -47.44	101.00 5.13 -31.60	147.11 7.77 -43.89	236.38 7.83 -136.46	313.63 13.83 -134.96	187.92 10.14 -59.69	148.25 11.25 0.00	128.31 9.94 0.01	123.96 9.38 0.00	137.29 9.31 0.00	111.75 6.80 0.00
ASTORIA_GT3_2 24099	169.73 7.66 -49.52	114.47 6.42 -10.96	90.09 5.02 0.00	83.25 4.39 0.00	87.14 4.42 0.00	133.40 7.44 0.00	204.83 9.50 -48.94	198.73 7.83 -80.12	184.11 9.07 -48.11	156.19 8.46 -25.10	123.57 5.74 -35.60	98.14 4.64 -29.88	94.52 4.32 -30.90	111.48 4.36 -47.44	101.00 5.13 -31.60	147.11 7.77 -43.89	236.38 7.83 -136.46	313.63 13.83 -134.96	187.92 10.14 -59.69	148.25 11.25 0.00	128.31 9.94 0.01	123.96 9.38 0.00	137.29 9.31 0.00	111.75 6.80 0.00
ASTORIA_GT3_3 24100	169.73 7.66 -49.52	114.47 6.42 -10.96	90.09 5.02 0.00	83.25 4.39 0.00	87.14 4.42 0.00	133.40 7.44 0.00	204.83 9.50 -48.94	198.73 7.83 -80.12	184.11 9.07 -48.11	156.19 8.46 -25.10	123.57 5.74 -35.60	98.14 4.64 -29.88	94.52 4.32 -30.90	111.48 4.36 -47.44	101.00 5.13 -31.60	147.11 7.77 -43.89	236.38 7.83 -136.46	313.63 13.83 -134.96	187.92 10.14 -59.69	148.25 11.25 0.00	128.31 9.94 0.01	123.96 9.38 0.00	137.29 9.31 0.00	111.75 6.80 0.00
ASTORIA_GT3_4 24101	169.73 7.66 -49.52	114.47 6.42 -10.96	90.09 5.02 0.00	83.25 4.39 0.00	87.14 4.42 0.00	133.40 7.44 0.00	204.83 9.50 -48.94	198.73 7.83 -80.12	184.11 9.07 -48.11	156.19 8.46 -25.10	123.57 5.74 -35.60	98.14 4.64 -29.88	94.52 4.32 -30.90	111.48 4.36 -47.44	101.00 5.13 -31.60	147.11 7.77 -43.89	236.38 7.83 -136.46	313.63 13.83 -134.96	187.92 10.14 -59.69	148.25 11.25 0.00	128.31 9.94 0.01	123.96 9.38 0.00	137.29 9.31 0.00	111.75 6.80 0.00
ASTORIA_GT4_1 24102	169.73 7.66 -49.52	114.47 6.42 -10.96	90.09 5.02 0.00	83.25 4.39 0.00	87.14 4.42 0.00	133.40 7.44 0.00	204.83 9.50 -48.94	198.73 7.83 -80.12	184.11 9.07 -48.11	156.19 8.46 -25.10	123.57 5.74 -35.60	98.14 4.64 -29.88	94.52 4.32 -30.90	111.48 4.36 -47.44	101.00 5.13 -31.60	147.11 7.77 -43.89	236.38 7.83 -136.46	313.63 13.83 -134.96	187.92 10.14 -59.69	148.25 11.25 0.00	128.31 9.94 0.01	123.96 9.38 0.00	137.29 9.31 0.00	111.75 6.80 0.00
ASTORIA_GT4_2 24103	169.73 7.66 -49.52	114.47 6.42 -10.96	90.09 5.02 0.00	83.25 4.39 0.00	87.14 4.42 0.00	133.40 7.44 0.00	204.83 9.50 -48.94	198.73 7.83 -80.12	184.11 9.07 -48.11	156.19 8.46 -25.10	123.57 5.74 -35.60	98.14 4.64 -29.88	94.52 4.32 -30.90	111.48 4.36 -47.44	101.00 5.13 -31.60	147.11 7.77 -43.89	236.38 7.83 -136.46	313.63 13.83 -134.96	187.92 10.14 -59.69	148.25 11.25 0.00	128.31 9.94 0.01	123.96 9.38 0.00	137.29 9.31 0.00	111.75 6.80 0.00
ASTORIA_GT4_3 24104	169.73 7.66 -49.52	114.47 6.42 -10.96	90.09 5.02 0.00	83.25 4.39 0.00	87.14 4.42 0.00	133.40 7.44 0.00	204.83 9.50 -48.94	198.73 7.83 -80.12	184.11 9.07 -48.11	156.19 8.46 -25.10	123.57 5.74 -35.60	98.14 4.64 -29.88	94.52 4.32 -30.90	111.48 4.36 -47.44	101.00 5.13 -31.60	147.11 7.77 -43.89	236.38 7.83 -136.46	313.63 13.83 -134.96	187.92 10.14 -59.69	148.25 11.25 0.00	128.31 9.94 0.01	123.96 9.38 0.00	137.29 9.31 0.00	111.75 6.80 0.00

ASTORIA_GT4_4 24105	169.73 7.66 -49.52	114.47 6.42 -10.96	90.09 5.02 0.00	83.25 4.39 0.00	87.14 4.42 0.00	133.40 7.44 0.00	204.83 9.50 -48.94	198.73 7.83 -80.12	184.11 9.07 -48.11	156.19 8.46 -25.10	123.57 5.74 -35.60	98.14 4.64 -29.88	94.52 4.32 -30.90	111.48 4.36 -47.44	101.00 5.13 -31.60	147.11 7.77 -43.89	236.38 7.83 -136.46	313.63 13.83 -134.96	187.92 10.14 -59.69	148.25 11.25 0.00	128.31 9.94 0.01	123.96 9.38 0.00	137.29 9.31 0.00	111.75 6.80 0.00
ASTORIA_GT_1 23523	169.75 7.67 -49.52	114.50 6.45 -10.96	90.13 5.06 0.00	83.30 4.44 0.00	87.27 4.55 0.00	133.63 7.67 0.00	205.11 9.78 -48.94	198.90 8.01 -80.12	184.38 9.34 -48.11	156.40 8.67 -25.10	123.66 5.83 -35.60	98.20 4.69 -29.88	94.60 4.40 -30.90	111.55 4.42 -47.44	101.06 5.19 -31.60	147.23 7.88 -43.89	236.46 7.90 -136.46	313.73 13.93 -134.96	187.96 10.19 -59.69	148.34 11.34 0.00	128.50 10.13 0.01	124.16 9.59 0.00	137.54 9.56 0.00	111.94 6.99 0.00
ASTORIA_GT_10 24110	169.32 7.61 -49.16	114.31 6.26 -10.96	90.01 4.94 0.00	83.27 4.41 0.00	87.31 4.59 0.00	133.50 7.54 0.00	204.64 9.30 -48.94	198.58 7.69 -80.12	183.93 8.89 -48.11	156.06 8.33 -25.10	123.46 5.64 -35.60	98.96 4.48 -30.86	94.91 4.29 -31.31	111.43 4.31 -47.44	100.91 5.04 -31.60	146.79 7.45 -43.89	235.82 7.40 -136.33	312.82 13.02 -134.96	187.26 9.48 -59.69	147.50 10.50 0.00	127.47 9.11 0.01	123.24 8.66 0.00	136.81 8.83 0.00	111.57 6.62 0.00
ASTORIA_GT_11 24225	169.32 7.61 -49.16	114.31 6.26 -10.96	90.01 4.94 0.00	83.27 4.41 0.00	87.31 4.59 0.00	133.50 7.54 0.00	204.64 9.30 -48.94	198.58 7.69 -80.12	183.93 8.89 -48.11	156.06 8.33 -25.10	123.46 5.64 -35.60	98.96 4.48 -30.86	94.91 4.29 -31.31	111.43 4.31 -47.44	100.91 5.04 -31.60	146.79 7.45 -43.89	235.82 7.40 -136.33	312.82 13.02 -134.96	187.26 9.48 -59.69	147.50 10.50 0.00	127.47 9.11 0.01	123.24 8.66 0.00	136.81 8.83 0.00	111.57 6.62 0.00
ASTORIA_GT_12 24226	169.32 7.61 -49.16	114.31 6.26 -10.96	90.01 4.94 0.00	83.27 4.41 0.00	87.31 4.59 0.00	133.50 7.54 0.00	204.64 9.30 -48.94	198.58 7.69 -80.12	183.93 8.89 -48.11	156.06 8.33 -25.10	123.46 5.64 -35.60	98.96 4.48 -30.86	94.91 4.29 -31.31	111.43 4.31 -47.44	100.91 5.04 -31.60	146.79 7.45 -43.89	235.82 7.40 -136.33	312.82 13.02 -134.96	187.26 9.48 -59.69	147.50 10.50 0.00	127.47 9.11 0.01	123.24 8.66 0.00	136.81 8.83 0.00	111.57 6.62 0.00
ASTORIA_GT_13 24227	169.32 7.61 -49.16	114.31 6.26 -10.96	90.01 4.94 0.00	83.27 4.41 0.00	87.31 4.59 0.00	133.50 7.54 0.00	204.64 9.30 -48.94	198.58 7.69 -80.12	183.93 8.89 -48.11	156.06 8.33 -25.10	123.46 5.64 -35.60	98.96 4.48 -30.86	94.91 4.29 -31.31	111.43 4.31 -47.44	100.91 5.04 -31.60	146.79 7.45 -43.89	235.82 7.40 -136.33	312.82 13.02 -134.96	187.26 9.48 -59.69	147.50 10.50 0.00	127.47 9.11 0.01	123.24 8.66 0.00	136.81 8.83 0.00	111.57 6.62 0.00
ASTORIA_GT_5 24106	169.78 7.70 -49.52	114.50 6.45 -10.96	90.13 5.06 0.00	83.34 4.48 0.00	87.27 4.56 0.00	133.63 7.67 0.00	205.12 9.79 -48.94	198.93 8.04 -80.12	184.39 9.35 -48.11	156.44 8.71 -25.10	123.68 5.85 -35.60	98.22 4.71 -29.88	94.60 4.39 -30.90	111.56 4.44 -47.44	101.07 5.20 -31.60	147.22 7.88 -43.89	236.45 7.89 -136.46	313.77 13.98 -134.96	188.01 10.24 -59.69	148.36 11.36 0.00	128.52 10.15 0.01	124.14 9.57 0.00	137.53 9.55 0.00	111.94 6.99 0.00
ASTORIA_GT_7 24107	169.78 7.70 -49.52	114.50 6.45 -10.96	90.13 5.06 0.00	83.34 4.48 0.00	87.27 4.56 0.00	133.63 7.67 0.00	205.12 9.79 -48.94	198.93 8.04 -80.12	184.39 9.35 -48.11	156.44 8.71 -25.10	123.68 5.85 -35.60	98.22 4.71 -29.88	94.60 4.39 -30.90	111.56 4.44 -47.44	101.07 5.20 -31.60	147.22 7.88 -43.89	236.45 7.89 -136.46	313.77 13.98 -134.96	188.01 10.24 -59.69	148.36 11.36 0.00	128.52 10.15 0.01	124.14 9.57 0.00	137.53 9.55 0.00	111.94 6.99 0.00
ASTORIA_GT_8 24108	169.78 7.70 -49.52	114.50 6.45 -10.96	90.13 5.06 0.00	83.34 4.48 0.00	87.27 4.56 0.00	133.63 7.67 0.00	205.12 9.79 -48.94	198.93 8.04 -80.12	184.39 9.35 -48.11	156.44 8.71 -25.10	123.68 5.85 -35.60	98.22 4.71 -29.88	94.60 4.39 -30.90	111.56 4.44 -47.44	101.07 5.20 -31.60	147.22 7.88 -43.89	236.45 7.89 -136.46	313.77 13.98 -134.96	188.01 10.24 -59.69	148.36 11.36 0.00	128.52 10.15 0.01	124.14 9.57 0.00	137.53 9.55 0.00	111.94 6.99 0.00
ASTORIA___2 24149	169.73 7.65 -49.52	114.47 6.42 -10.96	90.09 5.02 0.00	83.21 4.36 0.00	87.13 4.42 0.00	133.40 7.44 0.00	204.82 9.48 -48.94	198.67 7.78 -80.12	184.11 9.08 -48.11	156.14 8.41 -25.10	123.56 5.73 -35.60	98.13 4.62 -29.88	94.52 4.31 -30.90	111.47 4.35 -47.44	101.00 5.12 -31.60	147.12 7.78 -43.89	236.39 7.84 -136.46	313.59 13.80 -134.96	187.87 10.10 -59.69	148.25 11.25 0.00	128.31 9.94 0.01	123.96 9.38 0.00	137.30 9.32 0.00	111.75 6.80 0.00
ASTORIA___3 23516	169.33 7.61 -49.16	114.31 6.26 -10.96	90.01 4.94 0.00	83.24 4.38 0.00	87.31 4.59 0.00	133.50 7.54 0.00	204.61 9.28 -48.94	198.53 7.64 -80.12	183.92 8.89 -48.11	156.00 8.27 -25.10	123.45 5.62 -35.60	98.94 4.45 -30.86	94.91 4.29 -31.31	111.41 4.29 -47.44	100.89 5.02 -31.60	146.82 7.47 -43.89	235.83 7.41 -136.33	312.77 12.97 -134.96	187.24 9.46 -59.69	147.49 10.49 0.00	127.47 9.10 0.01	123.24 8.66 0.00	136.82 8.84 0.00	111.57 6.62 0.00
ASTORIA___4 23517	169.32 7.61 -49.16	114.31 6.26 -10.96	90.01 4.94 0.00	83.27 4.41 0.00	87.31 4.59 0.00	133.50 7.54 0.00	204.64 9.30 -48.94	198.58 7.69 -80.12	183.93 8.89 -48.11	156.06 8.33 -25.10	123.46 5.64 -35.60	98.96 4.48 -30.86	94.91 4.29 -31.31	111.43 4.31 -47.44	100.91 5.04 -31.60	146.79 7.45 -43.89	235.82 7.40 -136.33	312.82 13.02 -134.96	187.26 9.48 -59.69	147.50 10.50 0.00	127.47 9.11 0.01	123.24 8.66 0.00	136.81 8.83 0.00	111.57 6.62 0.00
ASTORIA___5 23518	169.33 7.61 -49.16	114.31 6.26 -10.96	90.01 4.94 0.00	83.24 4.38 0.00	87.31 4.59 0.00	133.50 7.54 0.00	204.61 9.28 -48.94	198.53 7.64 -80.12	183.92 8.89 -48.11	156.00 8.27 -25.10	123.45 5.62 -35.60	98.94 4.45 -30.86	94.91 4.29 -31.31	111.41 4.29 -47.44	100.89 5.02 -31.60	146.82 7.47 -43.89	235.83 7.41 -136.33	312.77 12.97 -134.96	187.23 9.45 -59.69	147.49 10.49 0.00	127.47 9.10 0.01	123.24 8.66 0.00	136.82 8.84 0.00	111.57 6.62 0.00
AST_ENERGY_2_CC3 323677	169.06 7.33 -49.18	114.19 6.13 -10.97	89.94 4.88 0.00	83.20 4.34 0.00	87.26 4.54 0.00	133.58 7.62 0.00	204.57 9.21 -48.96	198.50 7.57 -80.15	183.79 8.73 -48.13	155.99 8.25 -25.11	123.37 5.53 -35.61	97.77 4.43 -29.71	94.37 4.23 -30.83	111.35 4.21 -47.45	100.82 4.94 -31.61	146.67 7.31 -43.90	235.85 7.38 -136.38	312.79 12.94 -135.02	187.23 9.43 -59.72	147.52 10.52 0.00	127.63 9.26 0.01	123.43 8.86 0.00	136.91 8.94 0.00	111.53 6.58 0.00
AST_ENERGY_2_CC4 323678	169.06 7.33 -49.18	114.19 6.13 -10.97	89.94 4.88 0.00	83.20 4.34 0.00	87.26 4.54 0.00	133.58 7.62 0.00	204.57 9.21 -48.96	198.50 7.57 -80.15	183.79 8.73 -48.13	155.99 8.25 -25.11	123.37 5.53 -35.61	97.77 4.43 -29.71	94.37 4.23 -30.83	111.35 4.21 -47.45	100.82 4.94 -31.61	146.67 7.31 -43.90	235.85 7.38 -136.38	312.79 12.94 -135.02	187.23 9.43 -59.72	147.52 10.52 0.00	127.63 9.26 0.01	123.43 8.86 0.00	136.91 8.94 0.00	111.53 6.58 0.00

ATHENS_STG_1 23668	137.26 4.09 -20.61	105.01 3.32 -4.60	87.79 2.72 0.00	81.40 2.54 0.00	85.38 2.66 0.00	130.55 4.59 0.00	172.41 5.49 -20.52	148.61 4.27 -33.57	151.97 4.91 -20.14	137.75 4.61 -10.51	100.39 3.26 -14.90	78.75 2.70 -12.43	74.77 2.57 -12.89	82.15 2.62 -19.85	80.51 3.01 -13.22	118.10 4.28 -18.37	153.30 4.14 -57.07	228.58 7.20 -56.54	148.31 5.22 -25.01	143.01 6.01 0.00	123.76 5.40 0.01	119.81 5.23 0.00	133.27 5.29 0.00	109.08 4.13 0.00
ATHENS_STG_2 23670	137.26 4.09 -20.61	105.01 3.32 -4.60	87.79 2.72 0.00	81.40 2.54 0.00	85.38 2.66 0.00	130.55 4.59 0.00	172.41 5.49 -20.52	148.61 4.27 -33.57	151.97 4.91 -20.14	137.75 4.61 -10.51	100.39 3.26 -14.90	78.75 2.70 -12.43	74.77 2.57 -12.89	82.15 2.62 -19.85	80.51 3.01 -13.22	118.10 4.28 -18.37	153.30 4.14 -57.07	228.58 7.20 -56.54	148.31 5.22 -25.01	143.01 6.01 0.00	123.76 5.40 0.01	119.81 5.23 0.00	133.27 5.29 0.00	109.08 4.13 0.00
ATHENS_STG_3 23677	137.26 4.09 -20.61	105.01 3.32 -4.60	87.79 2.72 0.00	81.40 2.54 0.00	85.38 2.66 0.00	130.55 4.59 0.00	172.41 5.49 -20.52	148.61 4.27 -33.57	151.97 4.91 -20.14	137.75 4.61 -10.51	100.39 3.26 -14.90	78.75 2.70 -12.43	74.77 2.57 -12.89	82.15 2.62 -19.85	80.51 3.01 -13.22	118.10 4.28 -18.37	153.30 4.14 -57.07	228.58 7.20 -56.54	148.31 5.22 -25.01	143.01 6.01 0.00	123.76 5.40 0.01	119.81 5.23 0.00	133.27 5.29 0.00	109.08 4.13 0.00
AUBURN___LFGE 323710	111.98 -0.58 0.00	96.77 -0.33 0.00	84.89 -0.18 0.00	78.66 -0.20 0.00	82.62 -0.10 0.00	125.10 -0.86 0.00	146.26 -0.14 0.00	111.51 0.74 0.00	129.09 2.16 0.00	124.97 2.34 0.00	83.95 1.72 0.00	64.45 0.82 0.00	60.09 0.79 0.00	60.44 0.76 0.00	64.91 0.64 0.00	95.17 -0.29 0.00	92.77 0.68 0.00	166.04 1.21 0.00	118.64 0.56 0.00	137.82 0.81 0.00	118.87 0.49 0.00	114.51 -0.39 -0.32	127.57 -0.41 0.00	105.24 0.30 0.00
BABYLON_RES_REC 323704	169.82 8.92 -48.35	115.60 7.56 -10.95	91.22 6.16 0.00	84.59 5.73 0.00	88.66 5.94 0.00	135.28 9.32 0.00	206.14 10.86 -48.88	199.09 8.30 -80.01	184.14 9.17 -48.04	156.94 9.24 -25.07	124.58 6.80 -35.55	98.68 5.39 -29.66	94.88 4.79 -30.78	112.07 5.01 -47.38	102.07 6.24 -31.56	148.98 9.69 -43.83	236.57 8.60 -135.88	313.97 14.34 -134.79	188.75 11.05 -59.62	149.80 12.79 0.00	130.13 11.77 0.01	125.97 11.40 0.00	139.06 11.08 0.00	114.08 9.13 0.00
BABYLON__69_KV_BK2 356345	171.23 10.35 -48.33	116.83 8.79 -10.95	92.33 7.27 0.00	85.60 6.74 0.00	89.74 7.02 0.00	136.89 10.93 0.00	207.83 12.55 -48.88	200.16 9.37 -80.01	185.51 10.53 -48.04	158.43 10.73 -25.07	125.59 7.81 -35.55	99.47 6.19 -29.66	95.53 5.44 -30.78	112.80 5.74 -47.38	102.84 7.01 -31.56	150.18 10.89 -43.83	237.60 9.64 -135.87	315.58 15.95 -134.79	190.18 12.48 -59.62	151.55 14.54 0.00	131.69 13.32 0.01	127.43 12.86 0.00	140.59 12.61 0.00	115.49 10.54 0.00
BALL_HILL_WT_PWR 323825	105.97 -5.44 1.15	91.58 -2.87 2.64	79.64 -1.84 3.58	72.60 -1.93 4.33	77.92 -2.24 2.55	117.59 -6.67 1.70	133.72 -8.42 4.26	97.43 -6.73 6.61	98.75 -7.59 20.59	78.12 -6.58 37.93	46.35 -4.28 31.60	49.20 -3.41 11.03	47.92 -3.76 7.63	46.56 -4.08 9.05	54.00 -4.68 5.60	83.96 -6.47 5.03	71.54 -4.56 15.99	146.64 -6.86 11.34	108.87 -6.21 2.99	126.53 -8.07 2.41	103.89 -8.13 6.37	96.31 -9.17 9.09	107.96 -7.90 12.12	73.64 -4.60 26.70
BARON_WINDS___WT_PWR 323822	108.91 -4.09 -0.44	95.29 -2.81 -1.01	84.58 -1.86 -1.37	78.54 -1.98 -1.66	81.32 -2.37 -0.98	121.17 -5.44 -0.65	141.88 -6.14 -1.61	94.36 -4.97 11.44	70.47 -9.27 47.19	51.91 -8.79 61.93	-32.58 -6.02 108.78	-35.41 -5.21 93.82	0.83 -6.24 52.23	13.98 -6.21 39.50	18.29 -6.84 39.14	82.96 -8.31 4.19	76.08 -5.49 10.52	160.42 -4.38 0.04	116.30 -2.93 -1.15	134.26 -3.66 -0.92	116.38 -3.94 -1.94	110.69 -4.87 -0.98	128.21 -4.41 -4.64	112.07 -3.10 -10.22
BARRETT_IC_1 23704	170.56 6.98 -51.02	113.92 5.88 -10.95	89.74 4.68 0.00	83.28 4.43 0.00	87.24 4.53 0.00	133.20 7.24 0.00	203.65 8.37 -48.88	197.35 6.56 -80.01	182.37 7.39 -48.04	155.23 7.53 -25.07	123.25 5.47 -35.55	97.79 4.50 -29.66	94.14 4.05 -30.78	111.24 4.18 -47.38	100.93 5.10 -31.56	147.23 7.94 -43.83	236.01 7.05 -136.87	311.57 11.94 -134.79	186.80 9.10 -59.62	147.54 10.54 0.00	128.15 9.78 0.01	124.03 9.45 0.00	137.08 9.10 0.00	112.21 7.27 0.00
BARRETT_IC_10 23701	146.19 6.98 -26.65	113.92 5.88 -10.95	89.74 4.68 0.00	83.28 4.43 0.00	87.24 4.53 0.00	133.20 7.24 0.00	203.64 8.37 -48.87	197.35 6.56 -80.01	182.37 7.39 -48.04	155.23 7.53 -25.07	123.25 5.47 -35.55	97.79 4.50 -29.66	94.14 4.05 -30.78	111.24 4.18 -47.38	100.93 5.10 -31.56	147.23 7.94 -43.83	226.99 7.05 -127.84	311.57 11.94 -134.79	186.80 9.10 -59.62	147.54 10.54 0.00	128.15 9.78 0.01	124.03 9.45 0.00	137.08 9.10 0.00	112.21 7.27 0.00
BARRETT_IC_11 23702	146.19 6.98 -26.65	113.92 5.88 -10.95	89.74 4.68 0.00	83.28 4.43 0.00	87.24 4.53 0.00	133.20 7.24 0.00	203.64 8.37 -48.87	197.35 6.56 -80.01	182.37 7.39 -48.04	155.23 7.53 -25.07	123.25 5.47 -35.55	97.79 4.50 -29.66	94.14 4.05 -30.78	111.24 4.18 -47.38	100.93 5.10 -31.56	147.23 7.94 -43.83	226.99 7.05 -127.84	311.57 11.94 -134.79	186.80 9.10 -59.62	147.54 10.54 0.00	128.15 9.78 0.01	124.03 9.45 0.00	137.08 9.10 0.00	112.21 7.27 0.00
BARRETT_IC_12 23703	146.19 6.98 -26.65	113.92 5.88 -10.95	89.74 4.68 0.00	83.28 4.43 0.00	87.24 4.53 0.00	133.20 7.24 0.00	203.64 8.37 -48.87	197.35 6.56 -80.01	182.37 7.39 -48.04	155.23 7.53 -25.07	123.25 5.47 -35.55	97.79 4.50 -29.66	94.14 4.05 -30.78	111.24 4.18 -47.38	100.93 5.10 -31.56	147.23 7.94 -43.83	226.99 7.05 -127.84	311.57 11.94 -134.79	186.80 9.10 -59.62	147.54 10.54 0.00	128.15 9.78 0.01	124.03 9.45 0.00	137.08 9.10 0.00	112.21 7.27 0.00
BARRETT_IC_2 23705	170.56 6.98 -51.02	113.92 5.88 -10.95	89.74 4.68 0.00	83.28 4.43 0.00	87.24 4.53 0.00	133.20 7.24 0.00	203.65 8.37 -48.88	197.35 6.56 -80.01	182.37 7.39 -48.04	155.23 7.53 -25.07	123.25 5.47 -35.55	97.79 4.50 -29.66	94.14 4.05 -30.78	111.24 4.18 -47.38	100.93 5.10 -31.56	147.23 7.94 -43.83	236.01 7.05 -136.87	311.57 11.94 -134.79	186.80 9.10 -59.62	147.54 10.54 0.00	128.15 9.78 0.01	124.03 9.45 0.00	137.08 9.10 0.00	112.21 7.27 0.00
BARRETT_IC_3 23706	170.56 6.98 -51.02	113.92 5.88 -10.95	89.74 4.68 0.00	83.28 4.43 0.00	87.24 4.53 0.00	133.20 7.24 0.00	203.65 8.37 -48.88	197.35 6.56 -80.01	182.37 7.39 -48.04	155.23 7.53 -25.07	123.25 5.47 -35.55	97.79 4.50 -29.66	94.14 4.05 -30.78	111.24 4.18 -47.38	100.93 5.10 -31.56	147.23 7.94 -43.83	236.01 7.05 -136.87	311.57 11.94 -134.79	186.80 9.10 -59.62	147.54 10.54 0.00	128.15 9.78 0.01	124.03 9.45 0.00	137.08 9.10 0.00	112.21 7.27 0.00
BARRETT_IC_4 23707	170.56 6.98 -51.02	113.92 5.88 -10.95	89.74 4.68 0.00	83.28 4.43 0.00	87.24 4.53 0.00	133.20 7.24 0.00	203.65 8.37 -48.88	197.35 6.56 -80.01	182.37 7.39 -48.04	155.23 7.53 -25.07	123.25 5.47 -35.55	97.79 4.50 -29.66	94.14 4.05 -30.78	111.24 4.18 -47.38	100.93 5.10 -31.56	147.23 7.94 -43.83	236.01 7.05 -136.87	311.57 11.94 -134.79	186.80 9.10 -59.62	147.54 10.54 0.00	128.15 9.78 0.01	124.03 9.45 0.00	137.08 9.10 0.00	112.21 7.27 0.00

BARRETT_IC_5 23708	170.56 6.98 -51.02	113.92 5.88 -10.95	89.74 4.68 0.00	83.28 4.43 0.00	87.24 4.53 0.00	133.20 7.24 0.00	203.65 8.37 -48.88	197.35 6.56 -80.01	182.37 7.39 -48.04	155.23 7.53 -25.07	123.25 5.47 -35.55	97.79 4.50 -29.66	94.14 4.05 -30.78	111.24 4.18 -47.38	100.93 5.10 -31.56	147.23 7.94 -43.83	236.01 7.05 -136.87	311.57 11.94 -134.79	186.80 9.10 -59.62	147.54 10.54 0.00	128.15 9.78 0.01	124.03 9.45 0.00	137.08 9.10 0.00	112.21 7.27 0.00
BARRETT_IC_6 23709	170.56 6.98 -51.02	113.92 5.88 -10.95	89.74 4.68 0.00	83.28 4.43 0.00	87.24 4.53 0.00	133.20 7.24 0.00	203.65 8.37 -48.88	197.35 6.56 -80.01	182.37 7.39 -48.04	155.23 7.53 -25.07	123.25 5.47 -35.55	97.79 4.50 -29.66	94.14 4.05 -30.78	111.24 4.18 -47.38	100.93 5.10 -31.56	147.23 7.94 -43.83	236.01 7.05 -136.87	311.57 11.94 -134.79	186.80 9.10 -59.62	147.54 10.54 0.00	128.15 9.78 0.01	124.03 9.45 0.00	137.08 9.10 0.00	112.21 7.27 0.00
BARRETT_IC_7 23710	170.66 7.08 -51.02	113.92 5.88 -10.95	89.74 4.68 0.00	83.31 4.45 0.00	87.25 4.54 0.00	133.22 7.26 0.00	203.66 8.38 -48.88	197.41 6.61 -80.01	182.40 7.42 -48.04	155.31 7.61 -25.07	123.26 5.48 -35.55	97.81 4.52 -29.66	94.14 4.05 -30.78	111.25 4.19 -47.38	100.93 5.10 -31.56	147.24 7.95 -43.83	236.07 7.11 -136.87	311.61 11.98 -134.79	186.85 9.15 -59.62	147.53 10.52 0.00	128.16 9.79 0.01	124.01 9.43 0.00	137.09 9.11 0.00	112.22 7.27 0.00
BARRETT_IC_8 23711	170.56 6.98 -51.02	113.92 5.88 -10.95	89.74 4.68 0.00	83.28 4.43 0.00	87.24 4.53 0.00	133.20 7.24 0.00	203.65 8.37 -48.88	197.35 6.56 -80.01	182.37 7.39 -48.04	155.23 7.53 -25.07	123.25 5.47 -35.55	97.79 4.50 -29.66	94.14 4.05 -30.78	111.24 4.18 -47.38	100.93 5.10 -31.56	147.23 7.94 -43.83	236.01 7.05 -136.87	311.57 11.94 -134.79	186.80 9.10 -59.62	147.54 10.54 0.00	128.15 9.78 0.01	124.03 9.45 0.00	137.08 9.10 0.00	112.21 7.27 0.00
BARRETT_IC_9 23700	146.19 6.98 -26.65	113.92 5.88 -10.95	89.74 4.68 0.00	83.28 4.43 0.00	87.24 4.53 0.00	133.20 7.24 0.00	203.64 8.37 -48.87	197.35 6.56 -80.01	182.37 7.39 -48.04	155.23 7.53 -25.07	123.25 5.47 -35.55	97.79 4.50 -29.66	94.14 4.05 -30.78	111.24 4.18 -47.38	100.93 5.10 -31.56	147.23 7.94 -43.83	226.99 7.05 -127.84	311.57 11.94 -134.79	186.80 9.10 -59.62	147.54 10.54 0.00	128.15 9.78 0.01	124.03 9.45 0.00	137.08 9.10 0.00	112.21 7.27 0.00
BARRETT___1 23545	170.56 6.98 -51.02	113.92 5.88 -10.95	89.74 4.68 0.00	83.28 4.43 0.00	87.24 4.53 0.00	133.20 7.24 0.00	203.65 8.37 -48.88	197.35 6.56 -80.01	182.37 7.39 -48.04	155.23 7.53 -25.07	123.25 5.47 -35.55	97.79 4.50 -29.66	94.14 4.05 -30.78	111.24 4.18 -47.38	100.93 5.10 -31.56	147.23 7.94 -43.83	236.01 7.05 -136.87	311.57 11.94 -134.79	186.80 9.10 -59.62	147.54 10.54 0.00	128.15 9.78 0.01	124.03 9.45 0.00	137.08 9.10 0.00	112.21 7.27 0.00
BARRETT___2 23546	146.19 6.98 -26.65	113.92 5.88 -10.95	89.74 4.68 0.00	83.28 4.43 0.00	87.24 4.53 0.00	133.20 7.24 0.00	203.64 8.37 -48.87	197.35 6.56 -80.01	182.37 7.39 -48.04	155.23 7.53 -25.07	123.25 5.47 -35.55	97.79 4.50 -29.66	94.14 4.05 -30.78	111.24 4.18 -47.38	100.93 5.10 -31.56	147.23 7.94 -43.83	226.99 7.05 -127.84	311.57 11.94 -134.79	186.80 9.10 -59.62	147.54 10.54 0.00	128.15 9.78 0.01	124.03 9.45 0.00	137.08 9.10 0.00	112.21 7.27 0.00
BATAVIA__115KV_TB1 55881	107.44 -5.12 0.00	94.06 -3.04 0.00	82.86 -2.20 0.00	76.66 -2.20 0.00	80.46 -2.26 0.00	120.08 -5.88 0.00	138.91 -7.49 0.00	103.82 -5.87 1.08	117.17 -6.64 3.11	113.29 -5.78 3.56	69.69 -4.00 8.54	51.91 -3.37 8.35	52.49 -3.71 3.11	52.92 -4.14 2.62	56.17 -4.94 3.16	88.98 -6.44 0.04	88.56 -3.81 -0.28	159.59 -5.30 -0.06	115.73 -5.21 -2.85	130.27 -6.74 0.00	116.37 -6.65 -4.65	106.30 -7.50 0.77	121.53 -6.45 0.00	101.63 -3.32 0.00
BAYONEEC___CTG1 323682	169.04 7.31 -49.18	114.06 6.00 -10.97	89.83 4.76 0.00	83.11 4.25 0.00	87.17 4.45 0.00	133.43 7.47 0.00	200.19 9.14 -44.65	186.28 7.48 -68.02	173.22 8.62 -37.67	146.14 8.10 -15.42	93.20 5.51 -5.46	69.01 4.40 -0.98	64.64 4.20 -1.13	81.13 4.23 -17.21	76.99 4.94 -7.78	115.41 7.37 -12.58	180.48 7.40 -80.99	264.44 13.02 -86.59	166.89 9.42 -39.38	133.03 10.45 14.42	112.07 9.13 15.44	108.55 8.65 14.67	125.54 8.68 11.12	111.39 6.44 0.00
BAYONEEC___CTG10 323750	169.04 7.31 -49.18	114.06 6.00 -10.97	89.83 4.76 0.00	83.11 4.25 0.00	87.17 4.45 0.00	133.43 7.47 0.00	200.19 9.14 -44.65	186.28 7.48 -68.02	173.22 8.62 -37.67	146.14 8.10 -15.42	93.20 5.51 -5.46	69.01 4.40 -0.98	64.64 4.20 -1.13	81.13 4.23 -17.21	76.99 4.94 -7.78	115.41 7.37 -12.58	180.48 7.40 -80.99	264.44 13.02 -86.59	166.89 9.42 -39.38	133.03 10.45 14.42	112.07 9.13 15.44	108.55 8.65 14.67	125.54 8.68 11.12	111.39 6.44 0.00
BAYONEEC___CTG2 323683	169.04 7.31 -49.18	114.06 6.00 -10.97	89.83 4.76 0.00	83.11 4.25 0.00	87.17 4.45 0.00	133.43 7.47 0.00	200.19 9.14 -44.65	186.28 7.48 -68.02	173.22 8.62 -37.67	146.14 8.10 -15.42	93.20 5.51 -5.46	69.01 4.40 -0.98	64.64 4.20 -1.13	81.13 4.23 -17.21	76.99 4.94 -7.78	115.41 7.37 -12.58	180.48 7.40 -80.99	264.44 13.02 -86.59	166.89 9.42 -39.38	133.03 10.45 14.42	112.07 9.13 15.44	108.55 8.65 14.67	125.54 8.68 11.12	111.39 6.44 0.00
BAYONEEC___CTG3 323684	169.04 7.31 -49.18	114.06 6.00 -10.97	89.83 4.76 0.00	83.11 4.25 0.00	87.17 4.45 0.00	133.43 7.47 0.00	200.19 9.14 -44.65	186.28 7.48 -68.02	173.22 8.62 -37.67	146.14 8.10 -15.42	93.20 5.51 -5.46	69.01 4.40 -0.98	64.64 4.20 -1.13	81.13 4.23 -17.21	76.99 4.94 -7.78	115.41 7.37 -12.58	180.48 7.40 -80.99	264.44 13.02 -86.59	166.89 9.42 -39.38	133.03 10.45 14.42	112.07 9.13 15.44	108.55 8.65 14.67	125.54 8.68 11.12	111.39 6.44 0.00
BAYONEEC___CTG4 323685	169.04 7.31 -49.18	114.06 6.00 -10.97	89.83 4.76 0.00	83.11 4.25 0.00	87.17 4.45 0.00	133.43 7.47 0.00	200.19 9.14 -44.65	186.28 7.48 -68.02	173.22 8.62 -37.67	146.14 8.10 -15.42	93.20 5.51 -5.46	69.01 4.40 -0.98	64.64 4.20 -1.13	81.13 4.23 -17.21	76.99 4.94 -7.78	115.41 7.37 -12.58	180.48 7.40 -80.99	264.44 13.02 -86.59	166.89 9.42 -39.38	133.03 10.45 14.42	112.07 9.13 15.44	108.55 8.65 14.67	125.54 8.68 11.12	111.39 6.44 0.00
BAYONEEC___CTG5 323686	169.04 7.31 -49.18	114.06 6.00 -10.97	89.83 4.76 0.00	83.11 4.25 0.00	87.17 4.45 0.00	133.43 7.47 0.00	200.19 9.14 -44.65	186.28 7.48 -68.02	173.22 8.62 -37.67	146.14 8.10 -15.42	93.20 5.51 -5.46	69.01 4.40 -0.98	64.64 4.20 -1.13	81.13 4.23 -17.21	76.99 4.94 -7.78	115.41 7.37 -12.58	180.48 7.40 -80.99	264.44 13.02 -86.59	166.89 9.42 -39.38	133.03 10.45 14.42	112.07 9.13 15.44	108.55 8.65 14.67	125.54 8.68 11.12	111.39 6.44 0.00
BAYONEEC___CTG6 323687	169.04 7.31 -49.18	114.06 6.00 -10.97	89.83 4.76 0.00	83.11 4.25 0.00	87.17 4.45 0.00	133.43 7.47 0.00	200.19 9.14 -44.65	186.28 7.48 -68.02	173.22 8.62 -37.67	146.14 8.10 -15.42	93.20 5.51 -5.46	69.01 4.40 -0.98	64.64 4.20 -1.13	81.13 4.23 -17.21	76.99 4.94 -7.78	115.41 7.37 -12.58	180.48 7.40 -80.99	264.44 13.02 -86.59	166.89 9.42 -39.38	133.03 10.45 14.42	112.07 9.13 15.44	108.55 8.65 14.67	125.54 8.68 11.12	111.39 6.44 0.00

BAYONEEC___CTG7 323688	169.04 7.31 -49.18	114.06 6.00 -10.97	89.83 4.76 0.00	83.11 4.25 0.00	87.17 4.45 0.00	133.43 7.47 0.00	200.19 9.14 -44.65	186.28 7.48 -68.02	173.22 8.62 -37.67	146.14 8.10 -15.42	93.20 5.51 -5.46	69.01 4.40 -0.98	64.64 4.20 -1.13	81.13 4.23 -17.21	76.99 4.94 -7.78	115.41 7.37 -12.58	180.48 7.40 -80.99	264.44 13.02 -86.59	166.89 9.42 -39.38	133.03 10.45 14.42	112.07 9.13 15.44	108.55 8.65 14.67	125.54 8.68 11.12	111.39 6.44 0.00
BAYONEEC___CTG8 323689	169.04 7.31 -49.18	114.06 6.00 -10.97	89.83 4.76 0.00	83.11 4.25 0.00	87.17 4.45 0.00	133.43 7.47 0.00	200.19 9.14 -44.65	186.28 7.48 -68.02	173.22 8.62 -37.67	146.14 8.10 -15.42	93.20 5.51 -5.46	69.01 4.40 -0.98	64.64 4.20 -1.13	81.13 4.23 -17.21	76.99 4.94 -7.78	115.41 7.37 -12.58	180.48 7.40 -80.99	264.44 13.02 -86.59	166.89 9.42 -39.38	133.03 10.45 14.42	112.07 9.13 15.44	108.55 8.65 14.67	125.54 8.68 11.12	111.39 6.44 0.00
BAYONEEC___CTG9 323749	169.04 7.31 -49.18	114.06 6.00 -10.97	89.83 4.76 0.00	83.11 4.25 0.00	87.17 4.45 0.00	133.43 7.47 0.00	200.19 9.14 -44.65	186.28 7.48 -68.02	173.22 8.62 -37.67	146.14 8.10 -15.42	93.20 5.51 -5.46	69.01 4.40 -0.98	64.64 4.20 -1.13	81.13 4.23 -17.21	76.99 4.94 -7.78	115.41 7.37 -12.58	180.48 7.40 -80.99	264.44 13.02 -86.59	166.89 9.42 -39.38	133.03 10.45 14.42	112.07 9.13 15.44	108.55 8.65 14.67	125.54 8.68 11.12	111.39 6.44 0.00
BEACON___LESR 323632	131.34 4.53 -14.26	103.93 3.66 -3.18	88.24 3.18 0.00	82.04 3.18 0.00	85.94 3.22 0.00	131.24 5.27 0.00	167.23 6.64 -14.19	138.87 4.89 -23.20	146.62 5.77 -13.92	135.18 5.29 -7.26	96.17 3.64 -10.30	75.34 3.14 -8.58	71.16 3.01 -8.84	76.50 3.20 -13.61	76.78 3.45 -9.06	112.39 4.36 -12.57	135.35 4.16 -39.10	211.32 7.68 -38.80	140.83 5.58 -17.16	143.36 6.35 0.00	124.17 5.79 0.00	120.70 6.12 0.00	134.15 6.17 0.00	109.77 4.82 0.00
BEAVER RIVER___HYD 24048	114.61 2.05 0.00	98.87 1.77 0.00	86.59 1.53 0.00	80.25 1.39 0.00	84.28 1.56 0.00	128.55 2.59 0.00	149.68 3.28 0.00	113.40 2.63 0.00	129.99 3.06 0.00	125.88 3.25 0.00	84.44 2.21 0.00	65.37 1.74 0.00	61.22 1.91 0.00	61.07 1.39 0.00	65.85 1.58 0.00	97.71 2.26 0.00	94.69 2.60 0.00	169.05 4.21 0.00	121.18 3.09 0.00	140.38 3.38 0.00	121.08 2.70 0.00	116.96 2.39 0.00	130.82 2.84 0.00	107.25 2.30 0.00
BEEBEE_GT_13 23619	107.28 -5.27 0.00	93.38 -3.71 0.00	82.12 -2.94 0.00	76.03 -2.83 0.00	79.80 -2.92 0.00	119.96 -6.01 0.00	139.00 -7.39 0.00	105.12 -5.67 -0.02	120.56 -6.46 -0.09	116.76 -5.91 -0.04	78.37 -3.85 0.00	60.72 -2.91 0.00	56.25 -3.06 0.00	56.36 -3.33 0.00	60.45 -3.82 0.00	90.05 -5.42 0.00	88.32 -3.80 -0.03	158.73 -6.11 -0.01	113.13 -5.30 -0.34	130.40 -6.60 0.00	112.70 -6.33 -0.65	107.03 -6.92 0.62	121.35 -6.63 0.00	100.85 -4.10 0.00
BENSHRST_27_KV_BENSHRST_1 355998	170.08 8.36 -49.16	114.87 6.81 -10.96	90.43 5.36 0.00	83.65 4.79 0.00	87.74 5.02 0.00	134.18 8.22 0.00	205.73 10.40 -48.94	199.36 8.46 -80.12	184.82 9.78 -48.11	156.87 9.13 -25.10	123.98 6.15 -35.60	102.36 4.85 -33.89	96.46 4.56 -32.59	111.81 4.69 -47.44	101.34 5.47 -31.60	147.45 8.11 -43.89	236.46 8.04 -136.33	313.90 14.10 -134.96	188.05 10.27 -59.69	148.34 11.33 0.00	128.24 9.87 0.01	123.92 9.35 0.00	137.40 9.42 0.00	111.98 7.03 0.00
BETHLEHEM___GRP 23843	128.98 2.39 -14.04	101.99 1.77 -3.13	86.60 1.54 0.00	80.70 1.84 0.00	84.36 1.64 0.00	128.79 2.82 0.00	163.82 3.44 -13.98	136.10 2.48 -22.85	143.51 2.87 -13.71	132.46 2.67 -7.15	94.35 1.98 -10.14	74.16 2.09 -8.45	70.02 1.99 -8.71	75.12 2.02 -13.41	75.38 2.18 -8.93	109.94 2.09 -12.39	132.47 1.84 -38.54	206.30 3.22 -38.25	137.27 2.26 -16.92	139.73 2.73 0.00	121.24 2.86 0.00	118.23 3.66 0.00	131.52 3.54 0.00	107.87 2.93 0.00
BETHLEHEM___GS1 323560	128.98 2.38 -14.04	101.99 1.77 -3.13	86.60 1.54 0.00	80.71 1.86 0.00	84.35 1.63 0.00	128.79 2.83 0.00	163.80 3.42 -13.98	136.09 2.47 -22.85	143.50 2.86 -13.71	132.42 2.64 -7.15	94.34 1.97 -10.14	74.09 2.02 -8.45	70.00 1.98 -8.71	75.12 2.02 -13.41	75.37 2.17 -8.93	109.91 2.06 -12.39	132.47 1.85 -38.54	206.28 3.20 -38.25	137.25 2.25 -16.92	139.73 2.73 0.00	121.24 2.86 0.00	118.24 3.67 0.00	131.51 3.53 0.00	107.87 2.93 0.00
BETHLEHEM___GS2 323561	128.98 2.38 -14.04	101.99 1.77 -3.13	86.60 1.54 0.00	80.71 1.86 0.00	84.35 1.63 0.00	128.79 2.83 0.00	163.80 3.42 -13.98	136.09 2.47 -22.85	143.50 2.86 -13.71	132.42 2.64 -7.15	94.34 1.97 -10.14	74.09 2.02 -8.45	70.00 1.98 -8.71	75.12 2.02 -13.41	75.37 2.17 -8.93	109.91 2.06 -12.39	132.47 1.85 -38.54	206.28 3.20 -38.25	137.25 2.25 -16.92	139.73 2.73 0.00	121.24 2.86 0.00	118.24 3.67 0.00	131.51 3.53 0.00	107.87 2.93 0.00
BETHLEHEM___GS3 323562	128.98 2.38 -14.04	101.99 1.77 -3.13	86.60 1.54 0.00	80.71 1.86 0.00	84.35 1.63 0.00	128.79 2.83 0.00	163.80 3.42 -13.98	136.09 2.47 -22.85	143.50 2.86 -13.71	132.42 2.64 -7.15	94.34 1.97 -10.14	74.09 2.02 -8.45	70.00 1.98 -8.71	75.12 2.02 -13.41	75.37 2.17 -8.93	109.91 2.06 -12.39	132.47 1.85 -38.54	206.28 3.20 -38.25	137.25 2.25 -16.92	139.73 2.73 0.00	121.24 2.86 0.00	118.24 3.67 0.00	131.51 3.53 0.00	107.87 2.93 0.00
BETHLEHEM___STEEL 23779	107.00 -5.56 0.00	94.03 -3.06 0.00	83.00 -2.06 0.00	76.67 -2.19 0.00	80.37 -2.35 0.00	119.29 -6.67 0.00	137.54 -8.86 0.00	101.32 -7.07 2.39	111.08 -8.37 7.48	108.80 -7.46 6.38	66.04 -4.86 11.33	48.88 -3.99 10.76	52.40 -4.08 2.83	52.90 -4.39 2.39	56.34 -5.10 2.83	88.15 -7.19 0.11	87.09 -5.00 0.00	157.05 -7.78 0.00	111.13 -6.96 0.00	128.22 -8.78 0.00	109.44 -8.39 0.55	104.24 -9.23 1.10	120.17 -7.81 0.00	100.69 -4.26 0.00
BETHLHEM_115KV_TB1 79974	129.06 2.53 -13.98	102.11 1.90 -3.12	86.71 1.65 0.00	80.73 1.87 0.00	84.45 1.73 0.00	128.94 2.98 0.00	163.92 3.61 -13.92	136.15 2.63 -22.75	143.62 3.04 -13.65	132.55 2.80 -7.12	94.40 2.08 -10.10	74.13 2.10 -8.41	69.98 2.00 -8.68	75.09 2.05 -13.35	75.39 2.22 -8.89	110.06 2.26 -12.34	132.54 2.07 -38.37	206.56 3.64 -38.08	137.50 2.57 -16.85	140.09 3.09 0.00	121.49 3.11 0.00	118.33 3.75 0.00	131.65 3.67 0.00	107.95 3.01 0.00
BETHPAGE_CC_5 323564	168.92 7.91 -48.45	114.63 6.59 -10.95	90.38 5.31 0.00	83.81 4.95 0.00	87.88 5.16 0.00	134.11 8.15 0.00	204.87 9.60 -48.88	198.24 7.44 -80.01	183.21 8.23 -48.04	155.93 8.23 -25.07	123.84 6.06 -35.55	98.16 4.88 -29.66	94.43 4.35 -30.78	111.62 4.56 -47.38	101.50 5.68 -31.56	148.11 8.82 -43.83	235.81 7.80 -135.92	312.76 13.13 -134.79	187.73 10.03 -59.62	148.56 11.56 0.00	128.99 10.62 0.01	124.85 10.27 0.00	137.92 9.94 0.00	113.00 8.05 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	107.89 -4.67 0.00	94.80 -2.30 0.00	83.63 -1.44 0.00	77.28 -1.57 0.00	80.97 -1.74 0.00	120.28 -5.69 0.00	138.70 -7.70 0.00	102.37 -6.15 2.25	112.57 -7.30 7.06	110.27 -6.35 6.00	67.47 -4.14 10.62	50.06 -3.47 10.09	53.13 -3.55 2.63	53.61 -3.85 2.22	57.13 -4.51 2.63	89.01 -6.34 0.11	87.87 -4.23 0.00	158.46 -6.37 0.00	112.13 -5.95 0.00	129.38 -7.62 0.00	110.46 -7.38 0.54	105.23 -8.23 1.12	121.26 -6.72 0.00	101.54 -3.40 0.00

BINGHAMTON___COGEN 23790	107.27 0.38 5.67	96.04 0.21 1.27	85.33 0.26 0.00	79.06 0.20 0.00	82.98 0.26 0.00	126.07 0.11 0.00	141.13 0.38 5.66	101.42 0.52 9.87	122.05 1.08 5.95	121.06 1.05 2.62	80.17 0.89 2.94	61.94 0.48 2.17	56.10 0.44 3.64	53.92 0.39 6.15	60.95 0.42 3.75	89.90 0.71 6.27	74.94 1.24 18.39	151.52 2.36 15.68	112.89 1.70 6.89	139.05 2.04 0.00	119.75 1.46 0.09	115.48 0.90 0.00	129.26 1.28 0.00	106.20 1.25 0.00
BIXINCNT_115KV_LOAD 355685	110.95 -1.60 0.00	97.21 0.12 0.00	85.71 0.65 0.00	79.44 0.58 0.00	82.94 0.23 0.00	123.26 -2.70 0.00	142.84 -3.56 0.00	106.50 -2.75 1.53	118.58 -3.52 4.83	116.05 -2.62 3.96	74.14 -1.46 6.64	55.71 -1.61 6.30	56.31 -1.56 1.45	56.72 -1.74 1.22	60.45 -2.39 1.44	92.10 -3.29 0.07	90.42 -1.68 0.00	163.11 -1.73 0.00	115.49 -2.59 0.00	133.63 -3.38 0.00	114.10 -3.77 0.51	108.42 -4.93 1.22	124.62 -3.36 0.00	103.66 -1.29 0.00
BLACK RIVER___HYD 24047	114.30 1.75 0.00	98.50 1.41 0.00	86.27 1.21 0.00	79.98 1.12 0.00	84.02 1.30 0.00	128.35 2.39 0.00	149.81 3.42 0.00	113.71 2.94 0.00	130.39 3.47 0.00	126.25 3.62 0.00	84.63 2.40 0.00	65.64 2.02 0.00	61.54 2.24 0.00	61.48 1.80 0.00	66.29 2.01 0.00	98.44 2.98 0.00	95.72 3.62 0.00	171.23 6.39 0.00	122.85 4.77 0.00	142.16 5.16 0.00	122.46 4.08 0.00	117.98 3.41 0.00	131.56 3.58 0.00	107.64 2.69 0.00
BLACKRVR_115KV_TB2 79977	114.30 1.75 0.00	98.50 1.41 0.00	86.27 1.21 0.00	79.98 1.12 0.00	84.02 1.30 0.00	128.37 2.41 0.00	149.81 3.41 0.00	113.69 2.92 0.00	130.40 3.47 0.00	126.23 3.60 0.00	84.61 2.38 0.00	65.62 2.00 0.00	61.55 2.24 0.00	61.48 1.80 0.00	66.28 2.01 0.00	98.42 2.96 0.00	95.74 3.64 0.00	171.23 6.39 0.00	122.85 4.77 0.00	142.14 5.13 0.00	122.46 4.08 0.00	117.98 3.41 0.00	131.56 3.58 0.00	107.63 2.68 0.00
BLISS_WT_PWR 323608	109.38 -1.65 1.52	93.71 0.13 3.51	80.98 0.67 4.76	73.74 0.64 5.76	79.54 0.22 3.39	121.04 -2.66 2.26	137.24 -3.51 5.65	101.26 -2.61 6.91	103.62 -3.06 20.24	78.62 -2.15 41.87	50.31 -1.16 30.76	56.02 -1.30 6.30	50.52 -1.52 7.27	48.68 -1.69 9.32	57.17 -2.31 4.80	86.34 -3.07 6.05	70.75 -1.86 19.48	148.79 -1.45 14.59	111.54 -2.57 3.97	130.63 -3.18 3.19	106.50 -3.67 8.22	97.85 -4.93 11.79	108.52 -3.38 16.08	68.08 -1.42 35.44
BLUESTONE___WT_PWR 323821	112.95 6.01 5.62	101.68 5.19 0.60	90.43 4.39 -0.97	83.87 3.84 -1.18	87.91 4.50 -0.69	133.90 7.47 -0.46	151.42 9.85 4.83	102.07 9.61 18.32	120.90 9.84 15.87	128.98 8.80 2.45	78.40 5.44 9.26	55.41 3.44 11.65	50.64 2.27 10.93	44.65 1.97 17.00	54.40 1.85 11.72	81.50 2.07 16.02	58.61 3.37 36.85	160.29 8.70 13.25	118.86 7.17 6.39	145.65 7.99 -0.65	124.52 4.62 -1.51	122.04 4.58 -2.88	138.35 7.08 -3.29	118.65 6.45 -7.25
BLUE_CIRC_CHEM_DRP 24182	132.14 3.02 -16.56	103.28 2.50 -3.69	87.30 2.23 0.00	81.17 2.31 0.00	85.05 2.33 0.00	129.73 3.76 0.00	167.33 4.44 -16.49	140.86 3.11 -26.97	146.79 3.62 -16.24	134.35 3.24 -8.48	96.54 2.29 -12.02	75.65 2.05 -9.98	71.55 2.08 -10.17	77.57 2.24 -15.64	77.08 2.40 -10.40	112.82 2.96 -14.40	139.59 2.72 -44.78	214.02 4.78 -44.41	141.15 3.42 -19.65	141.21 4.21 0.00	122.34 3.95 0.00	118.83 4.25 0.00	132.40 4.42 0.00	108.63 3.68 0.00
BOC_GAS_DRP 24189	128.83 2.64 -13.64	102.22 2.09 -3.04	86.86 1.80 0.00	80.66 1.81 0.00	84.54 1.83 0.00	129.07 3.11 0.00	163.69 3.71 -13.58	135.68 2.72 -22.19	143.41 3.17 -13.32	132.52 2.94 -6.95	94.22 2.14 -9.85	73.78 1.94 -8.21	69.64 1.86 -8.47	74.64 1.91 -13.04	75.08 2.13 -8.68	110.16 2.65 -12.05	132.07 2.52 -37.47	206.35 4.34 -37.17	137.67 3.14 -16.44	140.71 3.71 0.00	121.86 3.48 0.00	118.26 3.69 0.00	131.68 3.70 0.00	107.92 2.98 0.00
BOONVILLE_115KV_TB1 79983	115.60 3.05 0.00	99.72 2.63 0.00	87.29 2.23 0.00	80.92 2.06 0.00	85.00 2.28 0.00	129.80 3.84 0.00	151.34 4.94 0.00	114.64 3.87 0.00	131.48 4.55 0.00	127.17 4.54 0.00	85.38 3.15 0.00	66.04 2.41 0.00	61.41 2.10 0.00	61.66 1.97 0.00	66.56 2.29 0.00	98.80 3.34 0.00	95.71 3.62 0.00	171.07 6.24 0.00	122.66 4.57 0.00	142.25 5.24 0.00	122.77 4.39 0.00	118.57 3.99 0.00	132.24 4.26 0.00	108.29 3.34 0.00
BORALEX_4TH_BRANCH 23824	136.02 7.59 -15.88	106.95 6.32 -3.54	90.52 5.46 0.00	83.93 5.07 0.00	88.18 5.46 0.00	134.63 8.67 0.00	172.51 10.31 -15.81	143.99 7.37 -25.84	151.11 8.68 -15.49	139.00 8.28 -8.08	99.42 5.73 -11.47	77.89 4.71 -9.56	73.66 4.45 -9.89	79.52 4.61 -15.23	79.53 5.12 -10.14	116.57 7.03 -14.08	142.42 6.54 -43.79	219.65 11.36 -43.45	145.58 8.28 -19.22	147.07 10.06 0.00	127.67 9.29 0.00	123.66 9.08 0.00	137.40 9.42 0.00	112.17 7.22 0.00
BOWLINE___1 23526	176.81 6.25 -58.00	115.21 5.19 -12.93	89.16 4.10 0.00	82.55 3.69 0.00	86.67 3.95 0.00	132.74 6.77 0.00	212.53 8.39 -57.75	212.10 6.78 -94.55	191.33 7.61 -56.79	159.32 7.06 -29.63	129.09 4.84 -42.02	102.60 3.90 -35.07	99.47 3.71 -36.46	119.58 3.78 -56.11	106.08 4.43 -37.37	154.03 6.67 -51.90	260.01 6.71 -161.21	336.29 11.88 -159.57	197.23 8.57 -70.58	146.39 9.39 0.00	126.58 8.21 0.01	122.26 7.68 0.00	135.67 7.69 0.00	110.69 5.74 0.00
BOWLINE___2 23595	176.78 6.28 -57.94	115.20 5.19 -12.92	89.16 4.10 0.00	82.55 3.69 0.00	86.67 3.95 0.00	132.74 6.77 0.00	212.48 8.40 -57.68	211.99 6.78 -94.44	191.27 7.61 -56.72	159.29 7.06 -29.60	129.05 4.84 -41.97	102.56 3.90 -35.03	99.44 3.72 -36.41	119.51 3.78 -56.04	106.04 4.43 -37.33	153.97 6.67 -51.84	259.83 6.72 -161.02	336.10 11.88 -159.39	197.15 8.57 -70.49	146.39 9.39 0.00	126.58 8.21 0.01	122.26 7.68 0.00	135.68 7.70 0.00	110.69 5.74 0.00
BRADY___115KV_TB2 356060	115.60 3.05 0.00	99.97 2.88 0.00	87.77 2.71 0.00	81.30 2.44 0.00	85.22 2.50 0.00	129.12 3.16 0.00	148.90 2.50 0.00	112.43 1.65 0.00	128.69 1.77 0.00	124.67 2.04 0.00	83.40 1.18 0.00	64.28 0.65 0.00	60.27 0.96 0.00	60.27 0.58 0.00	64.49 0.22 0.00	95.81 0.35 0.00	92.01 -0.09 0.00	164.23 -0.61 0.00	117.31 -0.77 0.00	135.76 -1.25 0.00	117.23 -1.16 0.00	113.84 -0.73 0.00	128.66 0.68 0.00	106.04 1.09 0.00
BRANSCOMB___SOLAR 323811	131.53 5.79 -13.19	105.03 5.00 -2.94	89.38 4.31 0.00	82.95 4.09 0.00	87.11 4.39 0.00	133.25 7.29 0.00	168.25 8.72 -13.13	138.74 6.52 -21.44	147.24 7.46 -12.85	135.96 6.62 -6.70	95.99 4.25 -9.51	75.04 3.50 -7.92	70.95 3.45 -8.19	76.02 3.73 -12.61	76.71 4.04 -8.40	113.01 5.90 -11.65	134.23 5.87 -36.27	211.19 10.32 -36.04	141.54 7.51 -15.94	146.03 9.03 0.00	126.31 7.92 0.00	122.16 7.58 0.00	135.84 7.86 0.00	110.95 6.01 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	170.97 10.18 -48.24	116.69 8.65 -10.95	92.23 7.17 0.00	85.52 6.66 0.00	89.60 6.88 0.00	136.57 10.60 0.00	207.13 11.86 -48.88	199.15 8.36 -80.01	184.57 9.60 -48.04	157.92 10.22 -25.07	125.40 7.62 -35.55	99.32 6.04 -29.66	95.40 5.31 -30.78	112.64 5.58 -47.38	102.64 6.81 -31.56	149.77 10.48 -43.83	236.93 9.00 -135.84	313.63 14.00 -134.79	189.05 11.35 -59.62	150.44 13.43 0.00	130.93 12.56 0.01	126.75 12.18 0.00	139.89 11.91 0.00	115.28 10.33 0.00



BRISTLHL_115KV_TB1 79998	108.75 -3.81 0.00	93.81 -3.28 0.00	82.19 -2.87 0.00	76.22 -2.64 0.00	80.02 -2.70 0.00	121.82 -4.14 0.00	141.82 -4.57 0.00	107.64 -3.14 0.00	123.43 -3.50 0.00	119.20 -3.43 0.00	79.97 -2.26 0.00	61.89 -1.73 0.00	57.67 -1.64 0.00	58.03 -1.66 0.00	62.54 -1.73 0.00	92.90 -2.56 0.00	90.07 -2.02 0.00	161.44 -3.39 0.00	115.37 -2.72 0.00	133.80 -3.20 0.00	115.40 -2.98 0.00	111.42 -3.16 0.00	124.40 -3.58 0.00	102.12 -2.83 0.00
BROOKHAVEN___DRP 24191	170.58 9.82 -48.21	116.53 8.49 -10.95	92.23 7.16 0.00	85.49 6.63 0.00	89.60 6.89 0.00	136.66 10.69 0.00	207.22 11.94 -48.88	199.77 8.99 -80.01	184.94 9.96 -48.04	157.78 10.08 -25.07	125.23 7.45 -35.55	99.15 5.87 -29.66	95.06 4.97 -30.78	112.40 5.34 -47.38	102.72 6.89 -31.56	150.03 10.74 -43.83	237.13 9.22 -135.82	314.63 15.00 -134.79	189.80 12.10 -59.62	151.20 14.20 0.00	131.06 12.70 0.01	126.75 12.18 0.00	139.74 11.76 0.00	114.88 9.93 0.00
BROOKLYN_NAVY_YARD 23515	169.49 7.20 -49.74	114.00 5.94 -10.97	89.75 4.69 0.00	83.02 4.16 0.00	87.01 4.29 0.00	133.23 7.27 0.00	204.29 8.93 -48.96	198.32 7.39 -80.15	183.57 8.52 -48.13	155.73 7.98 -25.11	123.27 5.43 -35.61	97.66 4.33 -29.71	94.29 4.15 -30.83	111.31 4.17 -47.45	100.76 4.88 -31.61	146.64 7.27 -43.90	236.10 7.42 -136.59	312.92 13.07 -135.02	187.23 9.42 -59.72	147.46 10.46 0.00	127.57 9.20 0.01	123.29 8.71 0.00	136.75 8.77 0.00	111.39 6.44 0.00
BROOKLYN___ARMY_DRP 323595	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.25 4.40 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.97 9.64 -48.94	198.73 7.84 -80.12	184.06 9.02 -48.11	156.13 8.40 -25.10	123.48 5.65 -35.60	100.24 4.47 -32.14	95.36 4.20 -31.85	111.44 4.32 -47.44	100.95 5.08 -31.60	146.87 7.53 -43.89	235.86 7.45 -136.33	312.82 13.02 -134.96	187.26 9.48 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.18 8.61 0.00	136.63 8.65 0.00	111.39 6.44 0.00
BROOKVLE_69_KV_TB1 55790	170.09 8.44 -49.10	115.06 7.02 -10.95	90.72 5.66 0.00	84.09 5.23 0.00	88.18 5.47 0.00	134.84 8.88 0.00	205.98 10.71 -48.88	199.23 8.44 -80.01	184.31 9.33 -48.04	156.86 9.16 -25.07	124.25 6.47 -35.55	98.46 5.18 -29.66	94.82 4.73 -30.78	111.99 4.93 -47.38	101.71 5.88 -31.56	148.22 8.93 -43.83	236.82 8.57 -136.15	314.49 14.86 -134.79	188.50 10.80 -59.62	149.19 12.19 0.00	129.28 10.91 0.01	124.95 10.38 0.00	138.26 10.28 0.00	113.05 8.10 0.00
BROOME_2_LFGE 323671	107.68 0.37 5.25	97.02 0.21 0.28	86.66 0.27 -1.33	80.67 0.20 -1.61	83.93 0.27 -0.95	126.69 0.10 -0.63	142.65 0.34 4.09	102.90 0.50 8.37	126.95 1.06 1.03	133.11 1.00 -9.48	87.82 0.84 -4.76	61.94 0.48 2.17	57.95 0.42 1.78	56.50 0.39 3.57	62.02 0.42 2.68	91.78 0.70 4.38	81.05 1.17 12.21	155.72 2.29 11.40	113.96 1.65 5.78	139.94 2.05 -0.89	121.91 1.46 -2.07	118.44 0.90 -2.96	133.76 1.28 -4.50	116.11 1.25 -9.91
BROOME___LFGE 323600	107.68 0.37 5.25	97.02 0.21 0.28	86.66 0.27 -1.33	80.67 0.20 -1.61	83.93 0.27 -0.95	126.69 0.10 -0.63	142.65 0.34 4.09	102.90 0.50 8.37	126.95 1.06 1.03	133.11 1.00 -9.48	87.82 0.84 -4.76	61.94 0.48 2.17	57.95 0.42 1.78	56.50 0.39 3.57	62.02 0.42 2.68	91.78 0.70 4.38	81.05 1.17 12.21	155.72 2.29 11.40	113.96 1.65 5.78	139.94 2.05 -0.89	121.91 1.46 -2.07	118.44 0.90 -2.96	133.76 1.28 -4.50	116.11 1.25 -9.91
BROWNFLS_115KV_TB_3_5 80003	114.10 1.54 0.00	98.55 1.45 0.00	86.39 1.32 0.00	80.05 1.19 0.00	84.00 1.28 0.00	127.64 1.68 0.00	147.64 1.25 0.00	111.64 0.86 0.00	127.88 0.95 0.00	124.01 1.38 0.00	83.25 1.02 0.00	64.32 0.70 0.00	60.61 1.31 0.00	60.30 0.61 0.00	64.81 0.53 0.00	96.14 0.68 0.00	92.65 0.56 0.00	164.96 0.13 0.00	117.89 -0.19 0.00	136.54 -0.47 0.00	117.84 -0.55 0.00	114.26 -0.32 0.00	128.65 0.67 0.00	105.87 0.93 0.00
BROWNSV1_27_KV_LOAD 356125	170.33 8.59 -49.18	115.16 7.10 -10.97	90.76 5.70 0.00	83.97 5.11 0.00	88.06 5.34 0.00	134.82 8.86 0.00	206.25 10.90 -48.96	199.85 8.93 -80.15	185.34 10.28 -48.13	157.51 9.77 -25.11	124.45 6.61 -35.61	98.58 5.25 -29.71	95.12 4.98 -30.83	112.16 5.02 -47.45	101.68 5.79 -31.61	147.97 8.60 -43.90	237.13 8.66 -136.38	315.19 15.33 -135.02	188.90 11.10 -59.72	149.37 12.37 0.00	129.13 10.77 0.01	124.80 10.23 0.00	138.38 10.39 0.00	112.74 7.80 0.00
BURROWS___LYONSDAL 23803	115.42 2.86 0.00	99.54 2.44 0.00	87.18 2.12 0.00	80.80 1.94 0.00	84.85 2.14 0.00	129.61 3.65 0.00	151.05 4.65 0.00	114.44 3.67 0.00	131.22 4.30 0.00	126.98 4.35 0.00	85.22 2.99 0.00	65.93 2.31 0.00	61.37 2.06 0.00	61.52 1.83 0.00	66.39 2.12 0.00	98.55 3.09 0.00	95.49 3.40 0.00	170.67 5.83 0.00	122.36 4.28 0.00	141.88 4.88 0.00	122.49 4.11 0.00	118.28 3.70 0.00	131.98 4.00 0.00	108.10 3.15 0.00
CAITHNESS_CC_1 323624	170.16 9.40 -48.21	116.17 8.13 -10.95	91.89 6.82 0.00	85.17 6.32 0.00	89.26 6.54 0.00	136.09 10.13 0.00	206.60 11.32 -48.88	199.29 8.50 -80.01	184.33 9.36 -48.04	157.15 9.45 -25.07	124.90 7.12 -35.55	98.88 5.60 -29.66	94.88 4.79 -30.78	112.19 5.13 -47.38	102.47 6.63 -31.56	149.58 10.29 -43.83	236.67 8.76 -135.82	313.83 14.21 -134.79	189.12 11.42 -59.62	150.44 13.44 0.00	130.58 12.21 0.01	126.34 11.77 0.00	139.30 11.32 0.00	114.54 9.59 0.00
CALPINE BETH_PAGE_GT4 24209	169.11 7.97 -48.58	114.61 6.57 -10.95	90.36 5.30 0.00	83.81 4.95 0.00	87.87 5.16 0.00	134.12 8.16 0.00	204.96 9.68 -48.88	198.31 7.52 -80.01	183.26 8.29 -48.04	156.03 8.33 -25.07	123.85 6.07 -35.55	98.21 4.92 -29.66	94.45 4.36 -30.78	111.63 4.56 -47.38	101.50 5.67 -31.56	148.11 8.82 -43.83	235.94 7.89 -135.96	312.91 13.28 -134.79	187.79 10.09 -59.62	148.60 11.60 0.00	128.98 10.62 0.01	124.86 10.28 0.00	137.92 9.94 0.00	112.98 8.03 0.00
CALPINE_BETH_PAGE_GT_4 323586	169.07 7.93 -48.58	114.61 6.57 -10.95	90.36 5.30 0.00	83.81 4.95 0.00	87.88 5.16 0.00	134.12 8.16 0.00	204.96 9.68 -48.88	198.28 7.49 -80.01	183.26 8.28 -48.04	155.97 8.27 -25.07	123.84 6.06 -35.55	98.16 4.88 -29.66	94.46 4.37 -30.78	111.62 4.56 -47.38	101.49 5.66 -31.56	148.10 8.81 -43.83	235.88 7.83 -135.96	312.87 13.24 -134.79	187.75 10.05 -59.62	148.59 11.58 0.00	128.99 10.62 0.01	124.84 10.26 0.00	137.92 9.94 0.00	112.97 8.03 0.00
CALPINE_BP_GT1 23823	169.07 7.93 -48.58	114.61 6.57 -10.95	90.36 5.30 0.00	83.81 4.95 0.00	87.88 5.16 0.00	134.12 8.16 0.00	204.96 9.68 -48.88	198.28 7.49 -80.01	183.26 8.28 -48.04	155.97 8.27 -25.07	123.84 6.06 -35.55	98.16 4.88 -29.66	94.46 4.37 -30.78	111.62 4.56 -47.38	101.49 5.66 -31.56	148.10 8.81 -43.83	235.88 7.83 -135.96	312.87 13.24 -134.79	187.75 10.05 -59.62	148.59 11.58 0.00	128.99 10.62 0.01	124.84 10.26 0.00	137.92 9.94 0.00	112.97 8.03 0.00
CALSPAN___DRP 24200	107.00 -5.56 0.00	94.03 -3.06 0.00	83.00 -2.06 0.00	76.67 -2.19 0.00	80.37 -2.35 0.00	119.29 -6.67 0.00	137.54 -8.86 0.00	101.32 -7.07 2.39	111.08 -8.37 7.48	108.80 -7.46 6.38	66.04 -4.86 11.33	48.88 -3.99 10.76	52.40 -4.08 2.83	52.90 -4.39 2.39	56.34 -5.10 2.83	88.15 -7.19 0.11	87.09 -5.00 0.00	157.05 -7.78 0.00	111.13 -6.96 0.00	128.22 -8.78 0.00	109.44 -8.39 0.55	104.24 -9.23 1.10	120.17 -7.81 0.00	100.69 -4.26 0.00

CALVERTON___SOLAR 323806	170.96 10.19 -48.21	116.92 8.88 -10.95	92.58 7.52 0.00	85.84 6.98 0.00	89.98 7.26 0.00	137.26 11.30 0.00	207.85 12.58 -48.88	200.21 9.42 -80.01	185.53 10.55 -48.04	158.29 10.59 -25.07	125.60 7.82 -35.55	99.35 6.07 -29.66	95.25 5.16 -30.78	112.61 5.55 -47.38	102.97 7.14 -31.56	150.49 11.20 -43.83	237.49 9.57 -135.82	315.42 15.80 -134.79	190.49 12.78 -59.62	152.04 15.03 0.00	131.65 13.28 0.01	127.31 12.73 0.00	140.26 12.28 0.00	115.29 10.34 0.00
CANDIGU_WT_PWR 323617	108.91 -4.09 -0.44	95.29 -2.81 -1.01	84.58 -1.86 -1.37	78.54 -1.98 -1.66	81.32 -2.37 -0.98	121.17 -5.44 -0.65	141.88 -6.14 -1.61	94.36 -4.97 11.44	70.47 -9.27 47.19	51.91 -8.79 61.93	-32.58 -6.02 108.78	-35.41 -5.21 93.82	0.83 -6.24 52.23	13.98 -6.21 39.50	18.29 -6.84 39.14	82.96 -8.31 4.19	76.08 -5.49 10.52	160.42 -4.38 0.04	116.30 -2.93 -1.15	134.26 -3.66 -0.92	116.38 -3.94 -1.94	110.69 -4.87 -0.98	128.21 -4.41 -4.64	112.07 -3.10 -10.22
CARR STREET_E_SYR 24060	109.85 -2.71 0.00	94.79 -2.30 0.00	83.07 -1.99 0.00	77.02 -1.84 0.00	80.86 -1.86 0.00	123.04 -2.92 0.00	143.21 -3.19 0.00	108.66 -2.12 0.00	124.75 -2.18 0.00	120.52 -2.11 0.00	80.90 -1.33 0.00	62.60 -1.03 0.00	58.29 -1.02 0.00	58.67 -1.01 0.00	63.19 -1.09 0.00	93.82 -1.64 0.00	90.89 -1.20 0.00	162.93 -1.91 0.00	116.48 -1.60 0.00	135.12 -1.88 0.00	116.54 -1.85 0.00	112.40 -2.18 0.00	125.53 -2.45 0.00	103.09 -1.86 0.00
CARTHAGE___PAPER 23857	115.50 2.94 0.00	99.58 2.49 0.00	87.24 2.18 0.00	80.84 1.99 0.00	84.93 2.21 0.00	129.67 3.70 0.00	151.13 4.73 0.00	114.60 3.82 0.00	131.37 4.44 0.00	127.17 4.54 0.00	85.27 3.04 0.00	66.09 2.47 0.00	61.91 2.61 0.00	61.82 2.14 0.00	66.63 2.36 0.00	98.85 3.39 0.00	95.94 3.85 0.00	171.33 6.49 0.00	122.85 4.76 0.00	142.28 5.27 0.00	122.64 4.25 0.00	118.28 3.70 0.00	132.14 4.16 0.00	108.22 3.28 0.00
CASSADAGA_WT_PWR 323784	107.88 -3.35 1.33	93.15 -0.86 3.08	81.57 0.67 4.17	74.04 0.22 5.04	79.10 -0.64 2.97	119.76 -4.22 1.98	136.99 -4.46 4.95	100.82 -3.43 6.52	103.78 -3.46 19.69	80.74 -2.62 39.27	50.86 -1.63 29.73	55.07 -1.33 7.22	50.52 -1.78 7.00	48.86 -2.02 8.81	57.10 -2.43 4.74	86.71 -3.21 5.54	73.09 -1.22 17.78	150.20 -1.65 12.98	112.43 -2.17 3.49	130.11 -4.09 2.80	105.87 -5.22 7.30	97.08 -7.01 10.49	107.75 -6.11 14.12	69.94 -3.90 31.11
CE_DUNWOOD___DRP 24194	169.81 7.14 -50.11	114.15 5.88 -11.17	89.77 4.71 0.00	83.11 4.25 0.00	87.20 4.48 0.00	133.55 7.59 0.00	205.64 9.36 -49.89	200.00 7.55 -81.67	184.55 8.57 -49.04	156.32 8.10 -25.59	124.04 5.52 -36.29	98.32 4.43 -30.27	94.92 4.19 -31.42	112.30 4.26 -48.36	101.44 4.95 -32.21	147.62 7.42 -44.74	238.49 7.42 -138.98	315.55 13.14 -137.58	188.44 9.51 -60.85	147.48 10.48 0.00	127.55 9.18 0.01	123.21 8.63 0.00	136.69 8.71 0.00	111.52 6.57 0.00
CE_MILLWOOD___DRP 24193	170.60 6.88 -51.17	114.15 5.64 -11.41	89.57 4.50 0.00	82.94 4.08 0.00	87.03 4.31 0.00	133.30 7.34 0.00	206.39 9.06 -50.94	201.48 7.31 -83.40	185.28 8.27 -50.08	156.54 7.78 -26.13	124.59 5.30 -37.06	98.80 4.26 -30.91	95.43 4.04 -32.09	113.17 4.10 -49.38	101.97 4.81 -32.90	148.30 7.15 -45.69	241.20 7.19 -141.91	318.05 12.73 -140.49	189.45 9.23 -62.14	147.15 10.15 0.00	127.24 8.87 0.01	122.93 8.35 0.00	136.40 8.42 0.00	111.28 6.33 0.00
CE_NYC2_DRP 24202	169.36 7.65 -49.16	114.34 6.28 -10.96	90.03 4.96 0.00	83.30 4.44 0.00	87.34 4.62 0.00	133.56 7.60 0.00	204.78 9.44 -48.94	198.67 7.77 -80.12	184.04 9.01 -48.11	156.18 8.45 -25.10	123.52 5.70 -35.60	99.02 4.53 -30.87	94.95 4.33 -31.32	111.48 4.36 -47.44	100.95 5.08 -31.60	146.88 7.54 -43.89	235.94 7.53 -136.33	312.99 13.20 -134.96	187.39 9.62 -59.69	147.63 10.63 0.00	127.59 9.22 0.01	123.33 8.75 0.00	136.90 8.92 0.00	111.60 6.65 0.00
CE_NYC_DRP 24195	169.29 7.55 -49.18	114.32 6.26 -10.97	90.06 5.00 0.00	83.35 4.49 0.00	87.41 4.69 0.00	133.73 7.77 0.00	204.82 9.45 -48.96	198.73 7.79 -80.16	184.04 8.98 -48.13	156.28 8.54 -25.11	123.62 5.78 -35.62	97.97 4.64 -29.71	94.55 4.40 -30.84	111.57 4.42 -47.46	101.05 5.16 -31.62	147.04 7.68 -43.91	236.20 7.71 -136.40	313.45 13.58 -135.03	187.63 9.82 -59.72	147.87 10.87 0.00	127.85 9.48 0.01	123.55 8.98 0.00	137.03 9.05 0.00	111.71 6.76 0.00
CHAFFEE___LFGE 323603	106.74 -4.46 1.35	91.81 -2.15 3.13	79.54 -1.28 4.24	72.32 -1.41 5.12	78.11 -1.59 3.02	118.52 -5.43 2.01	134.05 -7.31 5.03	98.24 -5.78 6.75	99.92 -6.70 20.31	77.03 -5.60 40.00	47.41 -3.69 31.12	52.11 -3.01 8.50	48.42 -3.40 7.48	46.72 -3.73 9.24	54.74 -4.33 5.21	83.96 -5.92 5.57	70.02 -4.21 17.87	145.77 -5.94 13.12	108.83 -5.72 3.54	126.80 -7.36 2.84	103.78 -7.21 7.39	96.01 -7.99 10.57	107.22 -6.44 14.31	70.26 -3.14 31.54
CHATEAUG_35_KV_LOAD 355732	114.80 2.24 0.00	99.25 2.16 0.00	87.12 2.06 0.00	80.65 1.79 0.00	84.28 1.56 0.00	127.87 1.90 0.00	148.12 1.72 0.00	112.37 1.59 0.00	128.82 1.90 0.00	124.43 1.80 0.00	83.10 0.88 0.00	63.95 0.32 0.00	59.97 0.66 0.00	60.17 0.48 0.00	64.41 0.14 0.00	95.32 -0.14 0.00	91.66 -0.43 0.00	164.21 -0.62 0.00	117.66 -0.42 0.00	135.97 -1.04 0.00	117.38 -1.01 0.00	113.76 -0.82 0.00	127.47 -0.51 0.00	104.61 -0.33 0.00
CHATEAUG_WT_PWR 323614	114.79 2.23 0.00	99.27 2.18 0.00	87.08 2.01 0.00	80.55 1.69 0.00	84.14 1.42 0.00	127.73 1.77 0.00	148.10 1.71 0.00	112.27 1.50 0.00	128.56 1.64 0.00	124.31 1.68 0.00	83.10 0.87 0.00	63.93 0.31 0.00	59.97 0.66 0.00	60.23 0.55 0.00	64.49 0.22 0.00	95.31 -0.15 0.00	91.64 -0.46 0.00	164.04 -0.80 0.00	117.61 -0.47 0.00	135.77 -1.23 0.00	117.31 -1.07 0.00	113.65 -0.93 0.00	127.38 -0.60 0.00	104.49 -0.46 0.00
CHAT_HIGH_FALL_HYD 323578	114.80 2.24 0.00	99.25 2.16 0.00	87.12 2.06 0.00	80.65 1.79 0.00	84.28 1.56 0.00	127.87 1.90 0.00	148.12 1.72 0.00	112.37 1.59 0.00	128.82 1.90 0.00	124.43 1.80 0.00	83.10 0.88 0.00	63.95 0.32 0.00	59.97 0.66 0.00	60.17 0.48 0.00	64.41 0.14 0.00	95.32 -0.14 0.00	91.66 -0.43 0.00	164.21 -0.62 0.00	117.66 -0.42 0.00	135.97 -1.04 0.00	117.38 -1.01 0.00	113.76 -0.82 0.00	127.47 -0.51 0.00	104.61 -0.33 0.00
CHAUTAUQUA___LFGE 323629	106.75 -4.58 1.23	92.20 -2.06 2.83	80.31 -0.92 3.84	73.09 -1.13 4.64	78.41 -1.57 2.73	118.40 -5.74 1.82	134.96 -6.88 4.56	98.45 -5.75 6.57	100.38 -6.37 20.17	78.63 -5.46 38.54	47.90 -3.58 30.75	51.48 -2.84 9.31	48.81 -3.13 7.37	47.29 -3.43 8.96	55.08 -3.95 5.24	84.81 -5.40 5.25	72.08 -3.24 16.77	147.94 -4.83 12.07	110.30 -4.57 3.21	128.04 -6.38 2.58	104.70 -6.90 6.78	96.65 -8.22 9.70	107.89 -7.09 13.00	72.04 -4.25 28.66
CHERRYST_13_KV_LD 356241	169.61 7.87 -49.18	114.59 6.53 -10.97	90.31 5.25 0.00	83.57 4.71 0.00	87.65 4.93 0.00	134.11 8.15 0.00	205.33 9.97 -48.96	199.12 8.18 -80.16	184.50 9.44 -48.13	156.76 9.01 -25.11	123.96 6.11 -35.62	98.23 4.89 -29.71	94.79 4.65 -30.84	111.81 4.67 -47.46	101.30 5.41 -31.62	147.43 8.06 -43.91	236.58 8.09 -136.40	314.13 14.26 -135.03	188.05 10.24 -59.72	148.32 11.31 0.00	128.26 9.89 0.01	123.91 9.33 0.00	137.43 9.45 0.00	112.02 7.07 0.00

CHESTROR_138KV_BK263 355645	265.92 5.88 -147.48	134.80 4.82 -32.89	88.89 3.83 0.00	82.32 3.46 0.00	86.42 3.70 0.00	132.35 6.39 0.00	301.22 7.99 -146.83	357.73 6.48 -240.47	278.65 7.24 -144.48	204.79 6.77 -75.39	193.71 4.56 -106.91	156.53 3.70 -89.20	155.40 3.53 -92.56	205.76 3.61 -142.47	163.41 4.23 -94.90	233.61 6.35 -131.80	507.90 6.51 -409.30	581.34 11.57 -404.94	305.47 8.29 -179.10	145.97 8.96 0.00	126.18 7.81 0.02	121.87 7.30 0.00	135.34 7.36 0.00	110.47 5.52 0.00
CH_MIDHUDSON___DRP 24192	168.29 7.73 -48.00	114.17 6.37 -10.70	90.21 5.15 0.00	83.53 4.67 0.00	87.65 4.94 0.00	134.47 8.51 0.00	204.86 10.68 -47.79	197.56 8.57 -78.21	183.36 9.62 -46.81	156.15 9.09 -24.43	122.94 6.07 -34.64	97.32 4.78 -28.92	93.95 4.56 -30.08	110.61 4.63 -46.30	100.53 5.37 -30.89	146.52 8.06 -43.00	233.84 8.18 -133.57	311.79 14.73 -132.22	187.20 10.61 -58.50	148.71 11.71 0.00	128.50 10.13 0.01	124.00 9.43 0.00	137.59 9.61 0.00	112.21 7.27 0.00
CH_MISC_IPPS 23765	174.19 8.51 -53.12	115.99 7.05 -11.85	90.79 5.72 0.00	84.05 5.19 0.00	88.23 5.51 0.00	135.31 9.35 0.00	210.99 11.71 -52.89	206.74 9.37 -86.59	189.59 10.63 -52.03	159.78 10.01 -27.15	127.40 6.66 -38.50	101.00 5.24 -32.14	97.75 5.00 -33.45	116.22 5.06 -51.48	104.37 5.82 -34.28	151.80 8.75 -47.59	248.84 8.93 -147.82	327.26 16.10 -146.32	194.27 11.45 -64.74	149.55 12.55 0.00	129.22 10.85 0.01	124.66 10.08 0.00	138.27 10.29 0.00	112.76 7.81 0.00
CH_RES_BVR_FALLS 23983	112.90 0.34 0.00	97.51 0.42 0.00	85.53 0.47 0.00	79.25 0.39 0.00	83.05 0.33 0.00	126.14 0.18 0.00	146.24 -0.15 0.00	110.52 -0.25 0.00	126.58 -0.35 0.00	122.41 -0.22 0.00	81.95 -0.28 0.00	63.28 -0.35 0.00	59.06 -0.25 0.00	59.28 -0.40 0.00	63.69 -0.58 0.00	94.50 -0.96 0.00	91.01 -1.08 0.00	162.84 -1.99 0.00	116.67 -1.42 0.00	135.16 -1.85 0.00	116.78 -1.61 0.00	113.17 -1.41 0.00	126.87 -1.11 0.00	104.20 -0.75 0.00
CH_RES_NIAGARA 23895	101.76 -10.80 0.00	89.62 -7.47 0.00	79.14 -5.93 0.00	73.19 -5.67 0.00	76.69 -6.02 0.00	113.54 -12.42 0.00	130.20 -16.20 0.00	96.07 -12.86 1.85	106.41 -14.98 5.54	103.28 -13.79 5.56	61.56 -9.01 11.66	45.86 -6.89 10.88	48.52 -6.96 3.83	49.15 -7.32 3.22	52.14 -8.26 3.88	83.62 -11.72 0.11	82.51 -9.58 0.00	148.31 -16.52 0.00	104.52 -13.57 0.00	120.51 -16.49 0.00	102.77 -15.00 0.61	98.31 -15.31 0.96	113.85 -14.13 0.00	96.52 -8.43 0.00
CH_RES_SYRACUSE 23985	110.90 -1.66 0.00	95.69 -1.40 0.00	83.88 -1.18 0.00	77.76 -1.10 0.00	81.63 -1.08 0.00	124.21 -1.75 0.00	144.67 -1.72 0.00	110.51 -0.26 0.00	127.51 0.59 0.00	123.30 0.67 0.00	82.72 0.49 0.00	63.85 0.22 0.00	59.50 0.20 0.00	59.90 0.21 0.00	64.45 0.18 0.00	94.84 -0.62 0.00	91.82 -0.27 0.00	164.55 -0.28 0.00	117.68 -0.40 0.00	136.58 -0.42 0.00	117.79 -0.60 0.00	113.55 -1.03 0.00	126.79 -1.19 0.00	104.12 -0.83 0.00
CLINTON_WT_PWR 323605	114.79 2.23 0.00	99.27 2.18 0.00	87.08 2.01 0.00	80.55 1.69 0.00	84.14 1.42 0.00	127.73 1.77 0.00	148.10 1.71 0.00	112.27 1.50 0.00	128.56 1.64 0.00	124.31 1.68 0.00	83.10 0.87 0.00	63.93 0.31 0.00	59.97 0.66 0.00	60.23 0.55 0.00	64.49 0.22 0.00	95.31 -0.15 0.00	91.64 -0.46 0.00	164.04 -0.80 0.00	117.61 -0.47 0.00	135.77 -1.23 0.00	117.31 -1.07 0.00	113.65 -0.93 0.00	127.38 -0.60 0.00	104.49 -0.46 0.00
CLINTON___LFGE 323618	117.00 4.44 0.00	101.18 4.09 0.00	88.67 3.61 0.00	82.03 3.17 0.00	85.60 2.88 0.00	130.11 4.15 0.00	150.66 4.26 0.00	114.50 3.72 0.00	131.01 4.09 0.00	126.65 4.02 0.00	84.58 2.35 0.00	64.97 1.34 0.00	61.02 1.71 0.00	61.35 1.66 0.00	65.69 1.42 0.00	96.95 1.50 0.00	93.42 1.32 0.00	167.55 2.71 0.00	120.19 2.10 0.00	138.60 1.60 0.00	119.63 1.25 0.00	115.73 1.16 0.00	129.50 1.52 0.00	106.30 1.35 0.00
COBBLENY_34_KV_TB1 80064	108.11 -4.45 0.00	94.95 -2.14 0.00	83.77 -1.29 0.00	77.44 -1.42 0.00	81.14 -1.58 0.00	120.53 -5.43 0.00	139.11 -7.29 0.00	102.98 -5.84 1.96	113.73 -7.05 6.14	111.44 -6.03 5.15	69.32 -3.96 8.96	51.78 -3.34 8.50	53.75 -3.43 2.13	54.15 -3.74 1.80	57.77 -4.38 2.12	89.22 -6.14 0.09	88.09 -4.01 0.00	158.71 -6.13 0.00	112.37 -5.71 0.00	129.62 -7.38 0.00	110.67 -7.19 0.53	105.40 -8.02 1.16	121.50 -6.49 0.00	101.79 -3.16 0.00
COFFEEN___115KV_TB3 355620	114.87 2.32 0.00	98.98 1.89 0.00	86.66 1.60 0.00	80.33 1.47 0.00	84.42 1.70 0.00	129.01 3.05 0.00	150.74 4.35 0.00	114.48 3.70 0.00	131.29 4.36 0.00	127.08 4.45 0.00	85.18 2.95 0.00	66.10 2.48 0.00	61.89 2.58 0.00	61.87 2.19 0.00	66.67 2.40 0.00	99.07 3.61 0.00	96.49 4.39 0.00	172.66 7.83 0.00	123.89 5.80 0.00	143.27 6.27 0.00	123.35 4.97 0.00	118.73 4.15 0.00	132.32 4.34 0.00	108.17 3.23 0.00
COLDSPRG_115KV_BK1 355956	112.65 0.09 0.00	98.83 1.74 0.00	87.39 2.32 0.00	80.78 1.92 0.00	84.20 1.49 0.00	125.11 -0.85 0.00	145.57 -0.83 0.00	108.99 -0.64 1.14	122.37 -0.95 3.61	120.25 0.18 2.56	79.57 0.54 3.20	60.79 0.02 2.85	59.13 -0.19 -0.01	59.36 -0.33 0.00	63.57 -0.73 -0.03	94.53 -0.90 0.03	92.73 0.64 0.00	166.75 1.91 0.00	118.25 0.16 0.00	136.31 -0.69 0.00	116.08 -1.81 0.49	110.18 -3.11 1.29	126.57 -1.41 0.00	105.14 0.19 0.00
COLONIE_LFGE___ 323577	131.35 4.82 -13.98	104.20 3.99 -3.12	88.51 3.45 0.00	82.15 3.30 0.00	86.22 3.50 0.00	131.81 5.85 0.00	167.30 6.99 -13.91	138.59 5.07 -22.74	146.47 5.92 -13.63	135.19 5.45 -7.11	96.02 3.71 -10.08	75.23 3.20 -8.40	71.01 3.01 -8.69	76.20 3.15 -13.37	76.63 3.45 -8.91	112.53 4.71 -12.36	135.08 4.52 -38.46	211.00 7.98 -38.19	140.75 5.78 -16.89	143.94 6.94 0.00	124.63 6.25 0.00	120.83 6.26 0.00	134.33 6.35 0.00	109.87 4.93 0.00
COOPERNY_115KV_TB1 80082	64.32 2.93 51.17	88.06 2.38 11.41	86.89 1.83 0.00	80.51 1.65 0.00	84.48 1.76 0.00	129.14 3.18 0.00	99.50 4.05 50.95	33.53 3.56 80.80	84.59 4.07 46.40	102.18 3.76 24.21	50.50 2.61 34.34	37.16 2.17 28.63	31.73 2.09 29.67	16.22 2.20 45.67	36.58 2.72 30.42	57.25 4.03 42.24	-38.35 4.07 134.52	31.54 6.98 140.27	61.53 5.48 62.03	143.63 6.63 0.00	124.17 5.80 0.02	119.94 5.36 0.00	133.42 5.44 0.00	109.08 4.13 0.00
COPENHAGEN_WT_PWR 323753	113.80 1.24 0.00	98.09 1.00 0.00	85.90 0.84 0.00	79.62 0.76 0.00	83.63 0.91 0.00	127.76 1.80 0.00	149.01 2.61 0.00	113.09 2.31 0.00	129.72 2.79 0.00	125.56 2.94 0.00	84.18 1.95 0.00	65.30 1.68 0.00	61.11 1.80 0.00	61.06 1.38 0.00	65.84 1.57 0.00	97.77 2.31 0.00	95.03 2.94 0.00	170.11 5.28 0.00	122.08 3.99 0.00	141.35 4.34 0.00	121.80 3.41 0.00	117.37 2.80 0.00	130.90 2.92 0.00	107.11 2.16 0.00
CORNELL_____ 23752	114.24 1.68 0.00	98.50 1.41 0.00	86.37 1.31 0.00	80.02 1.16 0.00	84.03 1.32 0.00	127.81 1.85 0.00	149.06 2.66 0.00	112.86 2.09 0.00	129.87 2.94 0.00	125.39 2.76 0.00	84.18 1.95 0.00	64.94 1.31 0.00	60.37 1.06 0.00	60.72 1.03 0.00	65.32 1.04 0.00	96.88 1.42 0.00	93.15 2.37 1.32	170.03 5.19 0.00	121.79 3.71 0.00	141.28 4.27 0.00	121.61 3.30 0.07	121.57 2.54 -4.46	130.80 2.82 0.00	107.44 2.49 0.00

CORONA__69_KV_TB1 355595	170.91 8.18 -50.17	114.88 6.84 -10.95	90.55 5.48 0.00	83.96 5.10 0.00	88.00 5.28 0.00	134.40 8.44 0.00	205.21 9.94 -48.88	198.64 7.85 -80.01	183.90 8.93 -48.04	156.65 8.95 -25.07	124.13 6.35 -35.55	98.42 5.14 -29.66	94.73 4.64 -30.78	111.90 5.11 -47.38	101.59 5.75 -31.56	148.13 8.84 -43.83	236.84 8.20 -136.55	313.68 14.05 -134.79	188.26 10.56 -59.62	149.10 12.10 0.00	129.41 11.04 0.01	125.15 10.57 0.00	138.36 10.38 0.00	113.24 8.29 0.00
CORTLAND__115KV_TB3 80093	113.31 0.75 0.00	97.67 0.58 0.00	85.60 0.54 0.00	79.34 0.49 0.00	83.33 0.61 0.00	126.85 0.89 0.00	147.84 1.44 0.00	112.14 1.37 0.00	128.79 1.87 0.00	124.41 1.78 0.00	83.54 1.31 0.00	64.53 0.90 0.00	60.04 0.73 0.00	60.40 0.71 0.00	65.06 0.79 0.00	96.68 1.22 0.00	93.90 1.81 0.00	168.27 3.43 0.00	120.51 2.43 0.00	139.82 2.82 0.00	120.52 2.18 0.04	117.39 1.61 -1.21	129.74 1.76 0.00	106.48 1.53 0.00
COXSACKIE__GT 23611	144.76 7.84 -24.36	108.84 6.32 -5.43	90.72 5.66 0.00	84.53 5.67 0.00	88.58 5.87 0.00	135.32 9.36 0.00	182.58 11.94 -24.25	159.70 9.22 -39.70	161.65 10.67 -24.05	145.01 9.83 -12.55	106.00 5.98 -17.80	83.53 5.21 -14.69	78.76 4.79 -14.67	87.93 5.67 -22.57	85.38 6.14 -14.97	124.80 8.69 -20.66	164.77 8.47 -64.20	243.74 15.28 -63.62	157.00 10.77 -28.15	149.32 12.31 0.00	129.07 10.69 0.00	125.15 10.57 0.00	139.00 11.02 0.00	113.74 8.79 0.00
CPV_VALLEY__CC1 323721	62.77 1.39 51.17	86.72 1.04 11.41	85.75 0.69 0.00	79.40 0.55 0.00	83.33 0.62 0.00	127.44 1.48 0.00	97.46 2.01 50.95	30.33 2.07 82.51	80.17 2.07 48.83	99.03 1.87 25.48	47.53 1.43 36.13	34.74 1.24 30.13	29.46 1.37 31.22	13.16 1.53 48.05	34.38 2.12 32.01	54.13 3.12 44.45	-43.71 3.40 139.21	30.32 5.76 140.27	61.41 5.36 62.03	144.75 7.75 0.00	125.13 6.76 0.02	120.89 6.31 0.00	134.31 6.33 0.00	109.68 4.73 0.00
CPV_VALLEY__CC2 323722	62.77 1.39 51.17	86.72 1.04 11.41	85.75 0.69 0.00	79.40 0.55 0.00	83.33 0.62 0.00	127.44 1.48 0.00	97.46 2.01 50.95	30.33 2.07 82.51	80.17 2.07 48.83	99.03 1.87 25.48	47.53 1.43 36.13	34.74 1.24 30.13	29.46 1.37 31.22	13.16 1.53 48.05	34.38 2.12 32.01	54.13 3.12 44.45	-43.71 3.40 139.21	30.32 5.76 140.27	61.41 5.36 62.03	144.75 7.75 0.00	125.13 6.76 0.02	120.89 6.31 0.00	134.31 6.33 0.00	109.68 4.73 0.00
CRESCENT__HYD 24018	131.35 4.82 -13.98	104.20 3.99 -3.12	88.51 3.45 0.00	82.15 3.30 0.00	86.22 3.50 0.00	131.81 5.85 0.00	167.30 6.99 -13.91	138.59 5.07 -22.74	146.47 5.92 -13.63	135.19 5.45 -7.11	96.02 3.71 -10.08	75.23 3.20 -8.40	71.01 3.01 -8.69	76.20 3.15 -13.37	76.63 3.45 -8.91	112.53 4.71 -12.36	135.08 4.52 -38.46	211.00 7.98 -38.19	140.75 5.78 -16.89	143.94 6.94 0.00	124.63 6.25 0.00	120.83 6.26 0.00	134.33 6.35 0.00	109.87 4.93 0.00
CRICKET__VALLEY_CC1 323756	156.27 5.97 -37.73	110.29 4.78 -8.41	88.86 3.79 0.00	82.31 3.45 0.00	86.33 3.61 0.00	132.78 6.82 0.00	192.71 8.74 -37.57	179.21 6.95 -61.49	171.82 7.98 -36.90	149.40 7.51 -19.26	114.59 5.06 -27.31	90.49 4.09 -22.78	86.86 3.90 -23.64	100.02 3.95 -36.39	93.09 4.57 -24.24	135.86 6.72 -33.68	203.51 6.79 -104.63	280.60 12.16 -103.60	172.78 8.87 -45.82	146.76 9.75 0.00	126.83 8.45 0.01	122.46 7.89 0.00	135.88 7.90 0.00	110.89 5.94 0.00
CRICKET__VALLEY_CC2 323757	156.27 5.97 -37.73	110.29 4.78 -8.41	88.86 3.79 0.00	82.31 3.45 0.00	86.33 3.61 0.00	132.78 6.82 0.00	192.71 8.74 -37.57	179.21 6.95 -61.49	171.82 7.98 -36.90	149.40 7.51 -19.26	114.59 5.06 -27.31	90.49 4.09 -22.78	86.86 3.90 -23.64	100.02 3.95 -36.39	93.09 4.57 -24.24	135.86 6.72 -33.68	203.51 6.79 -104.63	280.60 12.16 -103.60	172.78 8.87 -45.82	146.76 9.75 0.00	126.83 8.45 0.01	122.46 7.89 0.00	135.88 7.90 0.00	110.89 5.94 0.00
CRICKET__VALLEY_CC3 323758	156.27 5.97 -37.73	110.29 4.78 -8.41	88.86 3.79 0.00	82.31 3.45 0.00	86.33 3.61 0.00	132.78 6.82 0.00	192.71 8.74 -37.57	179.21 6.95 -61.49	171.82 7.98 -36.90	149.40 7.51 -19.26	114.59 5.06 -27.31	90.49 4.09 -22.78	86.86 3.90 -23.64	100.02 3.95 -36.39	93.09 4.57 -24.24	135.86 6.72 -33.68	203.51 6.79 -104.63	280.60 12.16 -103.60	172.78 8.87 -45.82	146.76 9.75 0.00	126.83 8.45 0.01	122.46 7.89 0.00	135.88 7.90 0.00	110.89 5.94 0.00
CRUCIBLE__METL_DRP 24180	110.90 -1.65 0.00	95.69 -1.40 0.00	83.88 -1.18 0.00	77.76 -1.10 0.00	81.63 -1.08 0.00	124.21 -1.75 0.00	144.67 -1.73 0.00	110.51 -0.27 0.00	127.49 0.56 0.00	123.25 0.61 0.00	82.70 0.47 0.00	63.84 0.21 0.00	59.50 0.20 0.00	59.89 0.21 0.00	64.44 0.17 0.00	94.83 -0.62 0.00	91.83 -0.26 0.00	164.56 -0.28 0.00	117.68 -0.41 0.00	136.58 -0.42 0.00	117.78 -0.60 0.00	113.54 -1.04 0.00	126.78 -1.20 0.00	104.11 -0.84 0.00
DAHOWA__HYDRO 323763	131.77 6.17 -13.04	105.41 5.41 -2.91	89.75 4.68 0.00	83.27 4.41 0.00	87.51 4.80 0.00	133.83 7.87 0.00	168.82 9.44 -12.98	139.10 7.13 -21.20	147.78 8.16 -12.70	136.51 7.25 -6.62	96.23 4.61 -9.39	75.23 3.78 -7.83	71.15 3.75 -8.10	76.18 4.04 -12.46	76.87 4.30 -8.30	113.28 6.30 -11.52	134.25 6.31 -35.85	211.60 11.14 -35.63	141.96 8.11 -15.76	146.80 9.79 0.00	126.94 8.55 0.00	122.70 8.12 0.00	136.39 8.41 0.00	111.37 6.42 0.00
DANC__LFGE 323619	111.94 -0.62 0.00	96.52 -0.57 0.00	84.56 -0.51 0.00	78.37 -0.49 0.00	82.30 -0.42 0.00	125.60 -0.36 0.00	146.31 -0.08 0.00	111.05 0.27 0.00	127.37 0.45 0.00	123.28 0.66 0.00	82.66 0.43 0.00	64.07 0.44 0.00	59.87 0.56 0.00	59.97 0.28 0.00	64.65 0.37 0.00	95.99 0.53 0.00	93.14 1.05 0.00	166.71 1.87 0.00	119.51 1.43 0.00	138.46 1.46 0.00	119.44 1.05 0.00	115.21 0.63 0.00	128.53 0.55 0.00	105.27 0.32 0.00
DANSKAMMER__1 23586	174.19 8.51 -53.12	115.99 7.05 -11.85	90.79 5.72 0.00	84.05 5.19 0.00	88.23 5.51 0.00	135.31 9.35 0.00	210.99 11.71 -52.89	206.74 9.37 -86.59	189.59 10.63 -52.03	159.78 10.01 -27.15	127.40 6.66 -38.50	101.00 5.24 -32.14	97.75 5.00 -33.45	116.22 5.06 -51.48	104.37 5.82 -34.28	151.80 8.75 -47.59	248.84 8.93 -147.82	327.26 16.10 -146.32	194.27 11.45 -64.74	149.55 12.55 0.00	129.22 10.85 0.01	124.66 10.08 0.00	138.27 10.29 0.00	112.76 7.81 0.00
DANSKAMMER__2 23589	174.19 8.51 -53.12	115.99 7.05 -11.85	90.79 5.72 0.00	84.05 5.19 0.00	88.23 5.51 0.00	135.31 9.35 0.00	210.99 11.71 -52.89	206.74 9.37 -86.59	189.59 10.63 -52.03	159.78 10.01 -27.15	127.40 6.66 -38.50	101.00 5.24 -32.14	97.75 5.00 -33.45	116.22 5.06 -51.48	104.37 5.82 -34.28	151.80 8.75 -47.59	248.84 8.93 -147.82	327.26 16.10 -146.32	194.27 11.45 -64.74	149.55 12.55 0.00	129.22 10.85 0.01	124.66 10.08 0.00	138.27 10.29 0.00	112.76 7.81 0.00
DANSKAMMER__3 23590	174.19 8.51 -53.12	115.99 7.05 -11.85	90.79 5.72 0.00	84.05 5.19 0.00	88.23 5.51 0.00	135.31 9.35 0.00	210.99 11.71 -52.89	206.74 9.37 -86.59	189.59 10.63 -52.03	159.78 10.01 -27.15	127.40 6.66 -38.50	101.00 5.24 -32.14	97.75 5.00 -33.45	116.22 5.06 -51.48	104.37 5.82 -34.28	151.80 8.75 -47.59	248.84 8.93 -147.82	327.26 16.10 -146.32	194.27 11.45 -64.74	149.55 12.55 0.00	129.22 10.85 0.01	124.66 10.08 0.00	138.27 10.29 0.00	112.76 7.81 0.00

DANSKAMMER___4 23591	174.19 8.51 -53.12	115.99 7.05 -11.85	90.79 5.72 0.00	84.05 5.19 0.00	88.23 5.51 0.00	135.31 9.35 0.00	210.99 11.71 -52.89	206.74 9.37 -86.59	189.59 10.63 -52.03	159.78 10.01 -27.15	127.40 6.66 -38.50	101.00 5.24 -32.14	97.75 5.00 -33.45	116.22 5.06 -51.48	104.37 5.82 -34.28	151.80 8.75 -47.59	248.84 8.93 -147.82	327.26 16.10 -146.32	194.27 11.45 -64.74	149.55 12.55 0.00	129.22 10.85 0.01	124.66 10.08 0.00	138.27 10.29 0.00	112.76 7.81 0.00
DANSKAMMER___DIESEL 23592	174.19 8.51 -53.12	115.99 7.05 -11.85	90.79 5.72 0.00	84.05 5.20 0.00	88.23 5.52 0.00	135.31 9.35 0.00	211.01 11.72 -52.89	206.77 9.40 -86.59	189.59 10.63 -52.03	159.81 10.03 -27.15	127.41 6.68 -38.50	101.01 5.25 -32.14	97.75 4.99 -33.45	116.23 5.07 -51.48	104.38 5.83 -34.28	151.81 8.76 -47.59	248.86 8.94 -147.82	327.27 16.12 -146.32	194.31 11.48 -64.74	149.56 12.56 0.00	129.23 10.86 0.01	124.65 10.08 0.00	138.27 10.29 0.00	112.76 7.82 0.00
DARBY___SOLAR 323810	131.46 5.72 -13.18	104.97 4.94 -2.94	89.34 4.28 0.00	82.90 4.04 0.00	87.09 4.37 0.00	133.19 7.23 0.00	168.22 8.70 -13.12	138.70 6.49 -21.43	147.20 7.43 -12.84	135.93 6.60 -6.70	95.93 4.20 -9.50	75.00 3.46 -7.92	70.89 3.39 -8.19	75.97 3.69 -12.60	76.68 4.02 -8.39	112.99 5.89 -11.65	134.21 5.87 -36.25	211.20 10.35 -36.02	141.58 7.56 -15.93	146.09 9.08 0.00	126.32 7.93 0.00	122.15 7.58 0.00	135.82 7.84 0.00	110.94 5.99 0.00
DASHVILLE___HYD 23610	169.41 10.26 -46.59	115.85 8.36 -10.39	91.83 6.77 0.00	84.96 6.11 0.00	89.22 6.51 0.00	137.02 11.06 0.00	207.03 14.25 -46.38	198.47 11.65 -76.04	186.92 13.66 -46.33	159.70 12.90 -24.18	124.98 8.46 -34.29	98.86 6.47 -28.77	95.82 6.06 -30.46	112.85 6.28 -46.88	102.17 6.90 -31.00	148.47 10.41 -42.60	235.20 10.77 -132.34	315.42 19.58 -131.01	189.87 13.82 -57.97	151.91 14.90 0.00	131.14 12.77 0.01	126.34 11.77 0.00	140.02 12.04 0.00	114.08 9.13 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	172.73 11.97 -48.21	118.81 10.77 -10.95	94.60 9.53 0.00	87.71 8.85 0.00	92.00 9.28 0.00	140.52 14.56 0.00	210.80 15.53 -48.88	202.39 11.59 -80.01	188.89 13.92 -48.04	161.48 13.78 -25.07	127.59 9.81 -35.55	100.81 7.53 -29.66	96.49 6.41 -30.78	113.95 6.89 -47.38	104.42 8.58 -31.56	152.81 13.52 -43.83	239.31 11.39 -135.82	318.80 19.17 -134.79	194.04 16.33 -59.62	156.04 19.03 0.00	134.87 16.50 0.01	130.25 15.67 0.00	143.47 15.48 0.00	117.79 12.84 0.00
DELAWARE___LFGE 323621	108.83 3.44 7.17	98.37 2.88 1.60	87.48 2.41 0.00	81.01 2.16 0.00	85.07 2.35 0.00	129.83 3.87 0.00	144.05 4.80 7.15	101.20 3.80 13.38	122.03 4.36 9.26	121.96 4.16 4.83	78.31 2.93 6.85	60.13 2.22 5.71	55.27 1.88 5.92	52.52 1.94 9.11	60.36 2.16 6.07	90.22 3.18 8.42	71.58 3.55 24.06	151.72 6.59 19.71	114.34 4.95 8.70	142.93 5.93 0.00	123.34 5.00 0.05	119.34 4.56 -0.20	132.92 4.94 0.00	108.95 4.00 0.00
DERFIELD_115KV_TB7 355931	113.03 0.47 0.00	97.46 0.37 0.00	85.33 0.26 0.00	79.15 0.29 0.00	83.04 0.32 0.00	126.59 0.63 0.00	147.24 0.84 0.00	111.38 0.60 0.00	127.61 0.68 0.00	123.27 0.64 0.00	82.73 0.50 0.00	64.07 0.45 0.00	59.72 0.42 0.00	60.12 0.44 0.00	64.83 0.56 0.00	96.20 0.74 0.00	92.84 0.75 0.00	166.15 1.32 0.00	119.04 0.96 0.00	138.19 1.18 0.00	119.45 1.07 0.00	115.65 1.08 0.00	128.99 1.01 0.00	105.69 0.75 0.00
DOGLEVILLE___HYD 23807	115.51 2.95 0.00	99.30 2.20 0.00	86.87 1.81 0.00	80.71 1.85 0.00	84.77 2.05 0.00	129.77 3.81 0.00	154.68 8.29 0.00	117.68 6.90 0.00	134.15 7.22 0.00	127.96 5.33 0.00	84.69 2.46 0.00	65.41 1.78 0.00	61.35 2.04 0.00	61.98 2.30 0.00	66.88 2.61 0.00	98.43 2.97 0.00	95.10 3.01 0.00	170.74 5.90 0.00	122.63 4.54 0.00	142.84 5.84 0.00	123.74 5.36 0.00	120.16 5.59 0.00	133.43 5.45 0.00	108.93 3.98 0.00
DUNKIRK___115KV_TB_200 55889	107.84 -4.72 0.00	94.86 -2.23 0.00	83.94 -1.13 0.00	77.55 -1.31 0.00	81.03 -1.69 0.00	120.08 -5.88 0.00	139.23 -7.17 0.00	102.40 -6.15 2.23	112.88 -7.09 6.95	110.51 -6.28 5.84	68.07 -4.08 10.08	50.80 -3.31 9.51	53.58 -3.31 2.41	54.04 -3.61 2.04	57.66 -4.19 2.41	89.51 -5.85 0.10	88.77 -3.32 0.00	159.46 -5.38 0.00	113.18 -4.90 0.00	130.27 -6.73 0.00	110.74 -7.11 0.54	105.03 -8.39 1.15	120.76 -7.21 0.00	100.68 -4.27 0.00
DUNKIRK___1 23563	107.84 -4.72 0.00	94.86 -2.23 0.00	83.94 -1.13 0.00	77.55 -1.31 0.00	81.03 -1.69 0.00	120.08 -5.88 0.00	139.23 -7.17 0.00	102.40 -6.15 2.23	112.88 -7.09 6.95	110.51 -6.28 5.84	68.07 -4.08 10.08	50.80 -3.31 9.51	53.58 -3.31 2.41	54.04 -3.61 2.04	57.66 -4.19 2.41	89.51 -5.85 0.10	88.77 -3.32 0.00	159.46 -5.38 0.00	113.18 -4.90 0.00	130.27 -6.73 0.00	110.74 -7.11 0.54	105.03 -8.39 1.15	120.76 -7.21 0.00	100.68 -4.27 0.00
DUNKIRK___2 23564	107.84 -4.72 0.00	94.86 -2.23 0.00	83.94 -1.13 0.00	77.55 -1.31 0.00	81.03 -1.69 0.00	120.08 -5.88 0.00	139.23 -7.17 0.00	102.40 -6.15 2.23	112.88 -7.09 6.95	110.51 -6.28 5.84	68.07 -4.08 10.08	50.80 -3.31 9.51	53.58 -3.31 2.41	54.04 -3.61 2.04	57.66 -4.19 2.41	89.51 -5.85 0.10	88.77 -3.32 0.00	159.46 -5.38 0.00	113.18 -4.90 0.00	130.27 -6.73 0.00	110.74 -7.11 0.54	105.03 -8.39 1.15	120.76 -7.21 0.00	100.68 -4.27 0.00
DUNKIRK___3 23565	107.46 -5.09 0.00	94.51 -2.58 0.00	83.52 -1.54 0.00	77.18 -1.68 0.00	80.73 -1.98 0.00	119.64 -6.32 0.00	138.55 -7.85 0.00	101.92 -6.39 2.46	111.79 -7.46 7.68	109.56 -6.57 6.50	66.62 -4.24 11.37	49.42 -3.51 10.70	52.99 -3.58 2.74	53.52 -3.85 2.31	57.03 -4.49 2.75	89.02 -6.32 0.11	88.16 -3.93 0.00	158.51 -6.33 0.00	112.42 -5.66 0.00	129.50 -7.50 0.00	110.21 -7.62 0.55	104.69 -8.75 1.13	120.50 -7.48 0.00	100.57 -4.38 0.00
DUNKIRK___4 23566	107.46 -5.09 0.00	94.51 -2.58 0.00	83.52 -1.54 0.00	77.18 -1.68 0.00	80.73 -1.98 0.00	119.64 -6.32 0.00	138.55 -7.85 0.00	101.92 -6.39 2.46	111.79 -7.46 7.68	109.56 -6.57 6.50	66.62 -4.24 11.37	49.42 -3.51 10.70	52.99 -3.58 2.74	53.52 -3.85 2.31	57.03 -4.49 2.75	89.02 -6.32 0.11	88.16 -3.93 0.00	158.51 -6.33 0.00	112.42 -5.66 0.00	129.50 -7.50 0.00	110.21 -7.62 0.55	104.69 -8.75 1.13	120.50 -7.48 0.00	100.57 -4.38 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	169.18 7.44 -49.18	114.18 6.12 -10.97	89.97 4.91 0.00	83.28 4.41 0.00	87.36 4.65 0.00	133.78 7.82 0.00	204.98 9.63 -48.96	198.69 7.77 -80.15	183.89 8.84 -48.13	156.11 8.37 -25.11	123.55 5.71 -35.61	98.08 4.56 -29.89	94.53 4.32 -30.91	111.52 4.38 -47.45	100.99 5.10 -31.61	146.99 7.63 -43.90	236.10 7.63 -136.38	313.35 13.50 -135.02	187.58 9.78 -59.72	147.81 10.80 0.00	127.83 9.46 0.01	123.49 8.91 0.00	137.04 9.06 0.00	111.76 6.82 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	184.66 7.69 -64.41	117.81 6.36 -14.36	90.18 5.11 0.00	83.49 4.63 0.00	87.66 4.94 0.00	134.36 8.40 0.00	221.04 10.52 -64.13	224.32 8.52 -105.02	199.79 9.65 -63.21	164.66 9.05 -32.98	135.04 6.03 -46.77	107.43 4.74 -39.06	104.48 4.52 -40.65	126.87 4.61 -62.56	111.23 5.32 -41.63	161.19 8.00 -57.73	279.63 8.24 -179.30	357.09 14.82 -177.44	206.95 10.34 -78.53	148.04 11.03 0.00	127.93 9.57 0.01	123.44 8.87 0.00	136.98 9.00 0.00	111.74 6.79 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	168.94 7.23 -49.16	114.06 6.01 -10.96	89.75 4.69 0.00	83.02 4.17 0.00	87.04 4.32 0.00	133.25 7.29 0.00	204.70 9.36 -48.94	198.61 7.72 -80.12	183.98 8.95 -48.11	156.03 8.30 -25.10	123.41 5.59 -35.60	98.12 4.52 -29.98	94.48 4.23 -30.94	111.38 4.26 -47.44	100.88 5.01 -31.60	146.87 7.53 -43.89	235.94 7.52 -136.33	313.01 13.21 -134.96	187.46 9.69 -59.69	147.72 10.71 0.00	127.79 9.42 0.01	123.51 8.93 0.00	136.89 8.91 0.00	111.47 6.53 0.00
E179THST_13_KV_LOAD 356214	169.46 7.74 -49.16	114.49 6.44 -10.96	90.13 5.06 0.00	83.35 4.49 0.00	87.39 4.67 0.00	133.77 7.81 0.00	205.40 10.06 -48.94	199.16 8.27 -80.12	184.62 9.58 -48.11	156.64 8.91 -25.10	123.83 6.01 -35.60	98.44 4.84 -29.98	94.78 4.53 -30.94	111.69 4.57 -47.44	101.21 5.33 -31.60	147.38 8.03 -43.89	236.45 8.03 -136.33	313.94 14.14 -134.96	188.13 10.36 -59.69	148.47 11.47 0.00	128.45 10.08 0.01	124.12 9.54 0.00	137.54 9.56 0.00	111.99 7.04 0.00
EAST HAMPTON___GT 23717	172.86 12.09 -48.21	119.33 11.29 -10.95	95.43 10.37 0.00	88.49 9.63 0.00	92.88 10.16 0.00	141.90 15.94 0.00	211.37 16.10 -48.88	202.60 11.81 -80.01	190.29 15.31 -48.04	162.66 14.96 -25.07	128.38 10.60 -35.55	101.35 8.07 -29.66	96.99 6.90 -30.78	114.50 7.44 -47.38	105.02 9.19 -31.56	153.77 14.47 -43.83	239.46 11.54 -135.82	319.15 19.52 -134.79	195.58 17.88 -59.62	157.87 20.87 0.00	136.36 17.99 0.01	131.64 17.07 0.00	144.94 16.97 0.00	118.96 14.01 0.00
EAST RIVER___6 23660	169.08 7.34 -49.18	114.31 6.25 -10.97	90.06 5.00 0.00	83.34 4.48 0.00	87.41 4.69 0.00	133.61 7.65 0.00	204.47 9.11 -48.96	198.52 7.58 -80.16	183.83 8.77 -48.13	156.06 8.32 -25.11	123.51 5.66 -35.62	97.97 4.64 -29.71	94.56 4.41 -30.84	111.56 4.42 -47.46	101.04 5.15 -31.62	146.99 7.62 -43.91	236.09 7.60 -136.40	313.15 13.28 -135.03	187.46 9.65 -59.72	147.70 10.70 0.00	127.73 9.36 0.01	123.38 8.81 0.00	136.84 8.86 0.00	111.54 6.59 0.00
EAST RIVER___7 23524	169.08 7.34 -49.18	114.31 6.25 -10.97	90.06 5.00 0.00	83.34 4.48 0.00	87.41 4.69 0.00	133.61 7.65 0.00	204.47 9.11 -48.96	198.52 7.58 -80.16	183.83 8.77 -48.13	156.06 8.32 -25.11	123.51 5.66 -35.62	97.97 4.64 -29.71	94.56 4.41 -30.84	111.56 4.42 -47.46	101.04 5.15 -31.62	146.99 7.62 -43.91	236.09 7.60 -136.40	313.15 13.28 -135.03	187.46 9.65 -59.72	147.70 10.70 0.00	127.73 9.36 0.01	123.38 8.81 0.00	136.84 8.86 0.00	111.54 6.59 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	169.81 7.14 -50.11	114.15 5.88 -11.17	89.77 4.71 0.00	83.11 4.25 0.00	87.20 4.48 0.00	133.55 7.59 0.00	205.64 9.36 -49.89	200.00 7.55 -81.67	184.55 8.57 -49.04	156.32 8.10 -25.59	124.04 5.52 -36.29	98.32 4.43 -30.27	94.92 4.19 -31.42	112.30 4.26 -48.36	101.44 4.95 -32.21	147.62 7.42 -44.74	238.49 7.42 -138.98	315.55 13.14 -137.58	188.44 9.51 -60.85	147.48 10.48 0.00	127.55 9.18 0.01	123.21 8.63 0.00	136.69 8.71 0.00	111.52 6.57 0.00
EAST_HAMPTON___DIESEL 23722	172.88 12.11 -48.21	119.36 11.32 -10.95	95.46 10.39 0.00	88.50 9.65 0.00	92.91 10.19 0.00	141.91 15.95 0.00	211.48 16.21 -48.88	202.62 11.83 -80.01	190.35 15.38 -48.04	162.69 15.00 -25.07	128.40 10.62 -35.55	101.38 8.09 -29.66	97.02 6.93 -30.78	114.51 7.45 -47.38	105.04 9.21 -31.56	153.77 14.48 -43.83	239.51 11.60 -135.82	319.26 19.63 -134.79	195.63 17.93 -59.62	157.93 20.92 0.00	136.40 18.03 0.01	131.66 17.08 0.00	145.01 17.03 0.00	119.00 14.05 0.00
EAST_POINT___SOLAR 323840	130.13 8.14 -9.42	106.23 7.03 -2.10	91.23 6.17 0.00	84.38 5.53 0.00	88.75 6.03 0.00	135.47 9.51 0.00	167.45 11.68 -9.38	135.22 9.35 -15.09	145.95 10.18 -8.84	136.18 8.95 -4.60	94.31 5.55 -6.54	73.03 3.93 -5.47	68.42 3.45 -5.66	72.33 3.94 -8.71	74.44 4.37 -5.80	110.54 7.03 -8.05	125.28 7.85 -25.33	205.52 14.96 -25.73	140.14 10.68 -11.38	149.37 12.37 0.00	128.68 10.31 0.01	123.95 9.38 0.00	138.08 10.10 0.00	112.89 7.94 0.00
EAST_PULASKI___ESR 323781	110.05 -2.50 0.00	94.92 -2.17 0.00	83.16 -1.90 0.00	77.09 -1.77 0.00	80.93 -1.79 0.00	123.37 -2.59 0.00	143.62 -2.78 0.00	109.04 -1.74 0.00	125.07 -1.86 0.00	120.98 -1.65 0.00	81.11 -1.12 0.00	62.81 -0.81 0.00	58.58 -0.73 0.00	58.85 -0.83 0.00	63.40 -0.88 0.00	94.16 -1.30 0.00	91.23 -0.86 0.00	163.28 -1.55 0.00	116.96 -1.12 0.00	135.65 -1.35 0.00	117.05 -1.33 0.00	113.00 -1.57 0.00	126.09 -1.89 0.00	103.38 -1.57 0.00
EAST_RIVER___1 323558	169.28 7.54 -49.18	114.32 6.26 -10.97	90.06 5.00 0.00	83.33 4.47 0.00	87.40 4.68 0.00	133.72 7.76 0.00	204.81 9.45 -48.96	198.71 7.77 -80.16	184.04 8.97 -48.13	156.21 8.47 -25.11	123.62 5.77 -35.62	97.96 4.62 -29.71	94.55 4.41 -30.84	111.57 4.43 -47.46	101.05 5.16 -31.62	147.05 7.68 -43.91	236.19 7.70 -136.40	313.42 13.55 -135.03	187.59 9.78 -59.72	147.86 10.86 0.00	127.85 9.48 0.01	123.56 8.98 0.00	137.04 9.06 0.00	111.71 6.76 0.00
EAST_RIVER___2 323559	169.08 7.34 -49.18	114.31 6.25 -10.97	90.06 5.00 0.00	83.34 4.48 0.00	87.41 4.69 0.00	133.61 7.65 0.00	204.47 9.11 -48.96	198.52 7.58 -80.16	183.83 8.77 -48.13	156.06 8.32 -25.11	123.51 5.66 -35.62	97.97 4.64 -29.71	94.56 4.41 -30.84	111.56 4.42 -47.46	101.04 5.15 -31.62	146.99 7.62 -43.91	236.09 7.60 -136.40	313.15 13.28 -135.03	187.46 9.65 -59.72	147.70 10.70 0.00	127.73 9.36 0.01	123.38 8.81 0.00	136.84 8.86 0.00	111.54 6.59 0.00
EAST___DELAWARE_HYD 23607	179.94 12.52 -54.86	119.75 10.43 -12.23	93.67 8.60 0.00	86.68 7.82 0.00	91.02 8.31 0.00	139.75 13.79 0.00	218.36 17.35 -54.62	214.20 13.93 -89.49	197.11 16.01 -54.17	165.95 15.06 -28.26	131.79 9.48 -40.08	104.49 7.33 -33.52	101.50 7.08 -35.11	120.91 7.18 -54.05	108.06 7.93 -35.85	157.14 12.15 -49.52	258.71 12.80 -153.82	340.54 23.46 -152.24	200.81 15.36 -67.37	151.19 14.19 0.00	130.53 12.16 0.02	125.79 11.22 0.00	139.59 11.61 0.00	113.81 8.87 0.00
EIGHT_POINT___WT_PWR 323820	109.22 -3.33 0.00	95.02 -2.07 0.00	83.84 -1.23 0.00	77.36 -1.50 0.00	80.63 -2.08 0.00	120.90 -5.06 0.00	141.67 -4.73 0.00	114.18 -3.60 -7.00	137.64 -7.26 -17.98	126.07 -6.79 -10.23	117.99 -4.62 -40.38	105.58 -4.26 -46.22	67.95 -5.80 -14.45	64.98 -5.79 -11.09	73.20 -6.52 -15.46	86.16 -7.72 1.59	80.75 -4.44 6.89	160.82 -2.20 1.81	116.59 -1.49 0.00	134.70 -2.30 0.00	115.16 -2.96 0.27	107.99 -4.03 2.56	123.95 -4.03 0.00	101.56 -3.39 0.00
ELBRIDGE_115KV_TB2 80188	110.37 -2.18 0.00	95.27 -1.82 0.00	83.52 -1.54 0.00	77.42 -1.44 0.00	81.27 -1.45 0.00	123.51 -2.45 0.00	143.94 -2.46 0.00	110.39 -0.39 0.00	127.90 0.97 0.00	123.69 1.06 0.00	83.01 0.78 0.00	63.97 0.35 0.00	59.61 0.30 0.00	59.98 0.29 0.00	64.50 0.22 0.00	94.29 -1.17 0.00	91.32 -0.77 0.00	163.52 -1.31 0.00	116.94 -1.15 0.00	135.76 -1.24 0.00	117.09 -1.29 0.00	112.80 -1.77 0.00	126.00 -1.98 0.00	103.64 -1.31 0.00
ELEC_TRO_TEK 24086	169.36 7.70 -49.10	114.45 6.41 -10.95	90.21 5.14 0.00	83.63 4.77 0.00	87.68 4.96 0.00	133.95 7.98 0.00	204.83 9.56 -48.88	198.30 7.51 -80.01	183.33 8.36 -48.04	156.09 8.38 -25.07	123.82 6.04 -35.55	98.16 4.87 -29.66	94.47 4.38 -30.78	111.64 4.58 -47.38	101.37 5.54 -31.56	147.77 8.48 -43.83	236.05 7.80 -136.15	312.96 13.33 -134.79	187.72 10.02 -59.62	148.43 11.43 0.00	128.72 10.35 0.01	124.53 9.96 0.00	137.68 9.70 0.00	112.73 7.78 0.00

ELLENBURG_WT_PWR 323604	114.79 2.23 0.00	99.27 2.18 0.00	87.08 2.01 0.00	80.55 1.69 0.00	84.14 1.42 0.00	127.73 1.77 0.00	148.10 1.71 0.00	112.27 1.50 0.00	128.56 1.64 0.00	124.31 1.68 0.00	83.10 0.87 0.00	63.93 0.31 0.00	59.97 0.66 0.00	60.23 0.55 0.00	64.49 0.22 0.00	95.31 -0.15 0.00	91.64 -0.46 0.00	164.04 -0.80 0.00	117.61 -0.47 0.00	135.77 -1.23 0.00	117.31 -1.07 0.00	113.65 -0.93 0.00	127.38 -0.60 0.00	104.49 -0.46 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	105.81 -6.75 0.00	92.98 -4.11 0.00	82.10 -2.96 0.00	75.87 -2.99 0.00	79.49 -3.23 0.00	117.95 -8.01 0.00	135.93 -10.47 0.00	99.89 -8.38 2.51	109.27 -9.82 7.83	107.04 -8.80 6.79	64.15 -5.78 12.30	47.37 -4.62 11.63	51.41 -4.67 3.23	51.97 -4.99 2.73	55.27 -5.76 3.24	87.12 -8.21 0.13	86.05 -6.02 0.03	155.10 -9.72 0.01	109.46 -8.34 0.28	126.58 -10.42 0.00	107.46 -9.86 1.07	102.96 -10.54 1.07	118.71 -9.27 0.00	99.59 -5.35 0.00
EMPIRE_CC_1 323656	131.95 3.48 -15.92	103.32 2.68 -3.55	87.50 2.44 0.00	81.36 2.50 0.00	85.25 2.54 0.00	130.16 4.20 0.00	167.17 4.93 -15.85	140.06 3.38 -25.92	146.29 3.82 -15.54	134.17 3.43 -8.11	96.28 2.55 -11.50	75.63 2.41 -9.59	71.54 2.30 -9.93	77.33 2.36 -15.29	77.07 2.61 -10.18	112.77 3.17 -14.14	139.02 2.97 -43.96	213.76 5.33 -43.59	141.10 3.74 -19.28	141.72 4.71 0.00	122.83 4.45 0.00	119.52 4.95 0.00	132.93 4.95 0.00	109.17 4.23 0.00
EMPIRE_CC_2 323658	131.95 3.48 -15.92	103.32 2.68 -3.55	87.50 2.44 0.00	81.36 2.50 0.00	85.25 2.54 0.00	130.16 4.20 0.00	167.17 4.93 -15.85	140.06 3.38 -25.92	146.29 3.82 -15.54	134.17 3.43 -8.11	96.28 2.55 -11.50	75.63 2.41 -9.59	71.54 2.30 -9.93	77.33 2.36 -15.29	77.07 2.61 -10.18	112.77 3.17 -14.14	139.02 2.97 -43.96	213.76 5.33 -43.59	141.10 3.74 -19.28	141.72 4.71 0.00	122.83 4.45 0.00	119.52 4.95 0.00	132.93 4.95 0.00	109.17 4.23 0.00
ENORWICH_115KV_TB1 80156	116.44 9.16 5.27	103.72 7.80 1.18	91.78 6.72 0.00	84.93 6.07 0.00	89.44 6.72 0.00	136.67 10.71 0.00	155.29 14.29 5.40	112.07 17.50 16.20	130.74 18.17 14.36	131.87 16.73 7.49	82.53 10.92 10.62	62.37 7.61 8.86	56.14 6.02 9.18	51.31 5.76 14.13	60.51 5.65 9.41	90.76 8.36 13.06	69.16 8.30 31.23	167.00 16.72 14.55	124.05 12.38 6.41	151.19 14.19 0.00	129.37 11.05 0.07	126.01 9.84 -1.60	139.51 11.52 0.00	114.61 9.67 0.00
ERIE_ST__34_KV_TB1-2 80199	109.60 -2.96 0.00	96.26 -0.83 0.00	84.83 -0.23 0.00	78.45 -0.41 0.00	82.15 -0.56 0.00	122.04 -3.93 0.00	140.89 -5.51 0.00	104.23 -4.42 2.12	115.12 -5.19 6.62	112.75 -4.16 5.72	69.35 -2.66 10.21	51.32 -2.48 9.83	54.07 -2.56 2.68	54.65 -2.78 2.27	58.23 -3.39 2.65	90.76 -4.59 0.10	89.33 -2.76 0.00	161.04 -3.80 0.00	113.90 -4.18 0.00	131.46 -5.55 0.00	112.25 -5.59 0.54	107.13 -6.34 1.11	123.41 -4.58 0.00	103.24 -1.71 0.00
ERIE_WT_PWR 323693	105.79 -5.57 1.19	91.33 -3.01 2.75	79.37 -1.96 3.73	72.17 -2.18 4.51	77.76 -2.30 2.66	117.63 -6.56 1.77	133.12 -8.83 4.44	97.25 -6.89 6.63	98.50 -7.99 20.43	77.45 -6.93 38.24	46.12 -4.50 31.61	49.22 -3.64 10.76	47.61 -3.97 7.73	46.11 -4.38 9.19	53.59 -5.03 5.65	83.43 -6.91 5.12	70.69 -5.10 16.30	145.61 -7.52 11.70	108.10 -6.87 3.11	125.71 -8.79 2.50	103.48 -8.31 6.59	95.97 -9.22 9.39	107.65 -7.73 12.60	72.92 -4.27 27.76
ESPRGFLD_115KV_TB1 80157	117.66 5.10 0.00	101.55 4.46 0.00	89.00 3.94 0.00	82.24 3.38 0.00	86.39 3.67 0.00	131.77 5.80 0.00	153.54 7.14 0.00	116.72 5.94 0.00	133.94 7.01 0.00	129.31 6.68 0.00	86.78 4.55 0.00	66.84 3.21 0.00	61.83 2.53 0.00	62.21 2.53 0.00	66.98 2.71 0.00	99.74 4.28 0.00	97.07 4.98 0.00	174.28 9.45 0.00	125.05 6.97 0.00	145.08 8.07 0.00	124.88 6.52 0.02	120.16 5.58 0.00	134.21 6.23 0.00	110.11 5.17 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	114.11 1.55 0.00	98.38 1.29 0.00	86.24 1.18 0.00	79.90 1.05 0.00	83.94 1.22 0.00	127.67 1.71 0.00	148.86 2.47 0.00	112.71 1.93 0.00	129.58 2.65 0.00	125.14 2.52 0.00	84.01 1.79 0.00	64.81 1.18 0.00	60.27 0.97 0.00	60.61 0.93 0.00	65.21 0.94 0.00	96.74 1.28 0.00	93.02 2.25 1.33	169.74 4.90 0.00	121.55 3.47 0.00	141.04 4.03 0.00	121.42 3.10 0.07	120.53 2.37 -3.58	130.63 2.65 0.00	107.30 2.35 0.00
ETNA____115KV_TB2 80207	114.11 1.55 0.00	98.38 1.29 0.00	86.24 1.18 0.00	79.90 1.05 0.00	83.94 1.22 0.00	127.67 1.71 0.00	148.86 2.47 0.00	112.71 1.93 0.00	129.58 2.65 0.00	125.14 2.52 0.00	84.01 1.79 0.00	64.81 1.18 0.00	60.27 0.97 0.00	60.61 0.93 0.00	65.21 0.94 0.00	96.74 1.28 0.00	93.02 2.25 1.33	169.74 4.90 0.00	121.55 3.47 0.00	141.04 4.03 0.00	121.42 3.10 0.07	120.53 2.37 -3.58	130.63 2.65 0.00	107.30 2.35 0.00
EUCLID____115KV_TB2 356179	109.52 -3.04 0.00	94.53 -2.57 0.00	82.85 -2.21 0.00	76.80 -2.06 0.00	80.62 -2.10 0.00	122.67 -3.29 0.00	142.76 -3.63 0.00	108.26 -2.51 0.00	124.20 -2.73 0.00	120.01 -2.62 0.00	80.55 -1.68 0.00	62.33 -1.30 0.00	58.04 -1.27 0.00	58.42 -1.27 0.00	62.90 -1.38 0.00	93.36 -2.09 0.00	90.48 -1.61 0.00	162.12 -2.71 0.00	115.93 -2.15 0.00	134.50 -2.51 0.00	116.02 -2.36 0.00	111.95 -2.62 0.00	125.04 -2.94 0.00	102.72 -2.23 0.00
E_CANADA_CAP_HY 24051	126.75 6.14 -8.05	104.31 5.42 -1.80	89.86 4.80 0.00	83.07 4.21 0.00	87.27 4.56 0.00	133.07 7.11 0.00	162.77 8.37 -8.01	130.26 6.74 -12.75	141.86 7.56 -7.36	133.32 6.86 -3.83	92.30 4.63 -5.44	71.51 3.33 -4.56	66.83 2.82 -4.71	69.79 2.86 -7.25	72.16 3.06 -4.83	106.80 4.65 -6.70	118.68 5.32 -21.27	197.14 10.34 -21.97	135.18 7.37 -9.72	145.55 8.55 0.00	125.44 7.07 0.02	121.05 6.47 0.00	135.13 7.15 0.00	110.74 5.80 0.00
E_CANADA_MHWK_HY 24050	115.51 2.95 0.00	99.30 2.20 0.00	86.87 1.81 0.00	80.71 1.85 0.00	84.77 2.05 0.00	129.77 3.81 0.00	154.68 8.29 0.00	117.68 6.90 0.00	134.15 7.22 0.00	127.96 5.33 0.00	84.69 2.46 0.00	65.41 1.78 0.00	61.35 2.04 0.00	61.98 2.30 0.00	66.88 2.61 0.00	98.43 2.97 0.00	95.10 3.01 0.00	170.74 5.90 0.00	122.63 4.54 0.00	142.84 5.84 0.00	123.74 5.36 0.00	120.16 5.59 0.00	133.43 5.45 0.00	108.93 3.98 0.00
E_FISHKILL____LBMP 23776	160.79 6.48 -41.74	111.69 5.29 -9.31	89.31 4.25 0.00	82.71 3.85 0.00	86.76 4.04 0.00	132.97 7.01 0.00	196.71 8.75 -41.56	185.84 7.03 -68.03	175.76 8.00 -40.83	151.48 7.54 -21.30	117.55 5.11 -30.21	92.96 4.13 -25.21	89.38 3.91 -26.16	103.92 3.97 -40.27	95.72 4.61 -26.83	139.59 6.86 -37.27	214.78 6.91 -115.78	291.70 12.23 -114.64	177.67 8.88 -50.70	146.76 9.75 0.00	126.90 8.52 0.01	122.57 8.00 0.00	136.07 8.09 0.00	111.03 6.08 0.00
FALCON____SEABRD_CC1 323796	116.39 3.83 0.00	100.69 3.59 0.00	88.18 3.11 0.00	81.51 2.66 0.00	85.09 2.38 0.00	129.28 3.32 0.00	149.81 3.42 0.00	113.69 2.92 0.00	130.08 3.15 0.00	125.68 3.05 0.00	83.99 1.77 0.00	64.48 0.86 0.00	60.66 1.35 0.00	60.97 1.29 0.00	65.29 1.01 0.00	96.39 0.93 0.00	92.74 0.65 0.00	166.07 1.23 0.00	119.16 1.07 0.00	137.32 0.32 0.00	118.50 0.11 0.00	114.69 0.11 0.00	128.32 0.34 0.00	105.26 0.31 0.00

FALCON___SEABRD_CC2 323797	116.39 3.83 0.00	100.69 3.59 0.00	88.18 3.11 0.00	81.51 2.66 0.00	85.09 2.38 0.00	129.28 3.32 0.00	149.81 3.42 0.00	113.69 2.92 0.00	130.08 3.15 0.00	125.68 3.05 0.00	83.99 1.77 0.00	64.48 0.86 0.00	60.66 1.35 0.00	60.97 1.29 0.00	65.29 1.01 0.00	96.39 0.93 0.00	92.74 0.65 0.00	166.07 1.23 0.00	119.16 1.07 0.00	137.32 0.32 0.00	118.50 0.11 0.00	114.69 0.11 0.00	128.32 0.34 0.00	105.26 0.31 0.00
FAR ROCKAWAY___4 23548	171.85 9.04 -50.25	115.59 7.55 -10.95	91.14 6.08 0.00	84.54 5.69 0.00	88.60 5.89 0.00	135.14 9.17 0.00	205.87 10.59 -48.88	199.19 8.40 -80.01	184.78 9.81 -48.04	157.45 9.75 -25.07	124.61 6.82 -35.55	98.94 5.66 -29.66	95.19 5.10 -30.78	112.36 5.30 -47.38	101.98 6.15 -31.56	148.87 9.58 -43.83	237.53 8.85 -136.58	314.63 15.00 -134.79	188.98 11.28 -59.62	150.10 13.10 0.00	130.53 12.16 0.01	126.18 11.60 0.00	139.46 11.48 0.00	114.09 9.14 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	169.32 7.59 -49.18	114.32 6.26 -10.97	90.06 4.99 0.00	83.33 4.47 0.00	87.39 4.67 0.00	133.74 7.78 0.00	204.92 9.57 -48.96	198.79 7.87 -80.15	184.12 9.06 -48.13	156.32 8.57 -25.11	123.64 5.80 -35.61	97.97 4.64 -29.71	94.55 4.41 -30.83	111.57 4.43 -47.45	101.05 5.17 -31.61	147.04 7.68 -43.90	236.20 7.73 -136.38	313.48 13.63 -135.02	187.67 9.87 -59.72	147.94 10.94 0.00	127.92 9.55 0.01	123.61 9.03 0.00	137.10 9.13 0.00	111.75 6.80 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	169.38 7.65 -49.18	114.37 6.31 -10.97	90.10 5.03 0.00	83.37 4.51 0.00	87.42 4.70 0.00	133.83 7.87 0.00	205.04 9.68 -48.96	198.86 7.93 -80.15	184.17 9.12 -48.13	156.38 8.64 -25.11	123.69 5.85 -35.61	97.98 4.65 -29.71	94.58 4.43 -30.83	111.62 4.48 -47.45	101.07 5.18 -31.61	147.10 7.73 -43.90	236.23 7.76 -136.38	313.58 13.72 -135.02	187.73 9.93 -59.72	148.01 11.01 0.00	127.97 9.60 0.01	123.68 9.10 0.00	137.17 9.19 0.00	111.82 6.87 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	169.27 7.53 -49.18	114.28 6.22 -10.97	90.01 4.94 0.00	83.29 4.43 0.00	87.35 4.63 0.00	133.72 7.76 0.00	204.87 9.51 -48.96	198.75 7.82 -80.15	184.03 8.98 -48.13	156.25 8.50 -25.11	123.61 5.77 -35.61	97.95 4.61 -29.71	94.52 4.38 -30.83	111.56 4.42 -47.45	101.03 5.14 -31.61	147.00 7.64 -43.90	236.14 7.67 -136.38	313.41 13.56 -135.02	187.61 9.81 -59.72	147.85 10.84 0.00	127.83 9.46 0.01	123.53 8.96 0.00	137.02 9.04 0.00	111.69 6.75 0.00
FARRAGUT___LBMP 323566	169.19 7.46 -49.18	114.20 6.14 -10.97	89.94 4.88 0.00	83.23 4.37 0.00	87.29 4.57 0.00	133.61 7.65 0.00	204.75 9.40 -48.96	198.64 7.71 -80.15	183.90 8.85 -48.13	156.11 8.37 -25.11	123.53 5.68 -35.61	97.86 4.52 -29.71	94.46 4.32 -30.83	111.50 4.36 -47.45	100.94 5.06 -31.61	146.90 7.54 -43.90	236.04 7.57 -136.38	313.19 13.34 -135.02	187.49 9.69 -59.72	147.73 10.72 0.00	127.73 9.36 0.01	123.44 8.86 0.00	136.92 8.93 0.00	111.60 6.66 0.00
FENNER___WINDPWR 24204	114.62 2.06 0.00	98.89 1.80 0.00	86.63 1.57 0.00	80.33 1.47 0.00	84.42 1.70 0.00	128.80 2.84 0.00	150.12 3.72 0.00	113.85 3.08 0.00	130.55 3.62 0.00	126.24 3.62 0.00	84.72 2.49 0.00	65.44 1.82 0.00	60.77 1.46 0.00	61.12 1.43 0.00	65.84 1.57 0.00	97.91 2.45 0.00	95.05 2.95 0.00	169.74 4.91 0.00	121.62 3.54 0.00	141.17 4.17 0.00	121.78 3.42 0.02	118.30 3.04 -0.69	131.19 3.21 0.00	107.47 2.52 0.00
FIBERTEK___ENERGY 23856	110.90 -1.65 0.00	95.69 -1.40 0.00	83.88 -1.18 0.00	77.76 -1.10 0.00	81.63 -1.08 0.00	124.21 -1.75 0.00	144.67 -1.73 0.00	110.51 -0.27 0.00	127.49 0.56 0.00	123.25 0.61 0.00	82.70 0.47 0.00	63.84 0.21 0.00	59.50 0.20 0.00	59.89 0.21 0.00	64.44 0.17 0.00	94.83 -0.62 0.00	91.83 -0.26 0.00	164.56 -0.28 0.00	117.68 -0.41 0.00	136.58 -0.42 0.00	117.78 -0.60 0.00	113.54 -1.04 0.00	126.78 -1.20 0.00	104.11 -0.84 0.00
FITZPATRICK___ 23598	108.01 -4.54 0.00	93.25 -3.85 0.00	81.74 -3.33 0.00	75.76 -3.10 0.00	79.50 -3.22 0.00	120.97 -4.99 0.00	140.69 -5.70 0.00	106.48 -4.29 0.00	122.02 -4.91 0.00	117.91 -4.72 0.00	79.10 -3.12 0.00	61.20 -2.42 0.00	57.01 -2.29 0.00	57.39 -2.30 0.00	61.79 -2.48 0.00	91.80 -3.66 0.00	88.88 -3.21 0.00	159.24 -5.59 0.00	113.91 -4.18 0.00	132.13 -4.87 0.00	114.03 -4.35 0.00	110.15 -4.43 0.00	123.09 -4.89 0.00	101.10 -3.85 0.00
FLOWRFLD_69_KV_BK1 356044	170.66 9.89 -48.21	116.50 8.46 -10.95	92.13 7.06 0.00	85.38 6.52 0.00	89.49 6.77 0.00	136.46 10.50 0.00	207.25 11.98 -48.88	199.84 9.05 -80.01	184.55 9.57 -48.04	157.59 9.89 -25.07	125.28 7.50 -35.55	99.19 5.91 -29.66	95.15 5.06 -30.78	112.49 5.43 -47.38	102.77 6.93 -31.56	149.98 10.69 -43.83	236.97 9.05 -135.83	314.15 14.53 -134.79	189.16 11.46 -59.62	150.75 13.74 0.00	131.27 12.90 0.01	126.96 12.38 0.00	140.01 12.03 0.00	115.03 10.08 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	172.52 8.69 -51.28	115.71 7.18 -11.43	90.91 5.85 0.00	84.19 5.33 0.00	88.34 5.62 0.00	135.48 9.52 0.00	209.39 11.94 -51.05	203.94 9.58 -83.58	187.97 10.84 -50.20	159.08 10.26 -26.19	126.18 6.80 -37.15	99.97 5.33 -31.01	96.66 5.10 -32.26	114.50 5.17 -49.65	103.27 5.93 -33.07	150.29 8.91 -45.92	243.83 9.10 -142.64	322.45 16.41 -141.20	192.26 11.70 -62.47	149.84 12.84 0.00	129.45 11.08 0.01	124.87 10.30 0.00	138.52 10.53 0.00	112.94 7.99 0.00
FORT ORANGE___ 23900	130.60 2.88 -15.17	102.67 2.19 -3.38	86.98 1.92 0.00	80.98 2.13 0.00	84.73 2.01 0.00	129.27 3.31 0.00	165.61 4.12 -15.10	138.48 3.02 -24.69	145.25 3.49 -14.83	133.56 3.19 -7.74	95.51 2.30 -10.98	74.96 2.20 -9.13	70.80 2.12 -9.37	76.40 2.30 -14.41	76.37 2.50 -9.59	111.49 2.73 -13.30	136.01 2.56 -41.36	210.43 4.55 -41.04	139.45 3.21 -18.15	140.84 3.83 0.00	122.06 3.68 0.00	118.85 4.28 0.00	132.30 4.32 0.00	108.40 3.45 0.00
FORT_DRUM_COGEN 23780	114.32 1.77 0.00	98.56 1.46 0.00	86.30 1.24 0.00	79.98 1.12 0.00	84.03 1.31 0.00	128.39 2.43 0.00	149.81 3.41 0.00	113.69 2.92 0.00	130.39 3.46 0.00	126.20 3.57 0.00	84.60 2.37 0.00	65.62 2.00 0.00	61.55 2.24 0.00	61.45 1.76 0.00	66.23 1.96 0.00	98.36 2.91 0.00	95.66 3.56 0.00	171.07 6.23 0.00	122.73 4.65 0.00	142.01 5.01 0.00	122.38 4.00 0.00	117.90 3.32 0.00	131.52 3.54 0.00	107.60 2.65 0.00
FOX_HILLS___ESR 323835	169.06 7.34 -49.16	114.04 5.99 -10.96	89.66 4.60 0.00	82.95 4.09 0.00	87.01 4.29 0.00	133.03 7.07 0.00	204.40 9.07 -48.94	198.26 7.36 -80.12	183.46 8.43 -48.11	155.46 7.73 -25.10	123.04 5.21 -35.60	88.44 4.09 -20.72	77.90 3.85 -14.74	89.25 4.01 -25.55	77.78 4.73 -8.78	116.18 6.98 -13.74	181.66 6.98 -82.58	266.24 12.23 -89.17	171.51 8.94 -44.49	133.73 9.70 12.98	112.77 8.51 14.12	109.26 8.07 13.38	125.01 8.07 11.04	97.74 5.91 13.12
FPL FAR_ROCK_GT1 24212	171.78 8.97 -50.25	115.59 7.55 -10.95	91.15 6.09 0.00	84.53 5.67 0.00	88.60 5.88 0.00	135.12 9.16 0.00	205.87 10.59 -48.88	199.16 8.37 -80.01	184.76 9.79 -48.04	157.36 9.66 -25.07	124.60 6.82 -35.55	98.92 5.63 -29.66	95.18 5.09 -30.78	112.35 5.29 -47.38	101.96 6.13 -31.56	148.85 9.56 -43.83	237.46 8.79 -136.58	314.60 14.98 -134.79	188.96 11.26 -59.62	150.10 13.09 0.00	130.53 12.16 0.01	126.19 11.61 0.00	139.44 11.46 0.00	114.09 9.14 0.00



FPL FAR_ROCK_GT2 23815	171.78 8.97 -50.25	115.59 7.55 -10.95	91.15 6.09 0.00	84.53 5.67 0.00	88.60 5.88 0.00	135.12 9.16 0.00	205.87 10.59 -48.88	199.16 8.37 -80.01	184.76 9.79 -48.04	157.36 9.66 -25.07	124.60 6.82 -35.55	98.92 5.63 -29.66	95.18 5.09 -30.78	112.35 5.29 -47.38	101.96 6.13 -31.56	148.85 9.56 -43.83	237.46 8.79 -136.58	314.60 14.98 -134.79	188.96 11.26 -59.62	150.10 13.09 0.00	130.53 12.16 0.01	126.19 11.61 0.00	139.44 11.46 0.00	114.09 9.14 0.00
FRANKLIN_FALL_HYD 24054	116.06 3.50 0.00	100.34 3.25 0.00	88.07 3.00 0.00	81.58 2.72 0.00	85.34 2.63 0.00	129.34 3.38 0.00	149.48 3.08 0.00	113.56 2.79 0.00	130.11 3.19 0.00	125.94 3.30 0.00	84.27 2.04 0.00	64.86 1.24 0.00	61.17 1.87 0.00	61.19 1.50 0.00	65.43 1.16 0.00	96.70 1.25 0.00	93.19 1.10 0.00	166.85 2.01 0.00	119.24 1.16 0.00	137.81 0.80 0.00	118.85 0.47 0.00	115.16 0.58 0.00	129.40 1.42 0.00	106.43 1.48 0.00
FREEPORT_EQUS_GT1 23764	169.95 8.30 -49.10	114.69 6.65 -10.95	90.39 5.33 0.00	83.91 5.05 0.00	88.14 5.42 0.00	134.20 8.23 0.00	205.06 9.78 -48.88	198.41 7.62 -80.01	183.45 8.47 -48.04	155.80 8.10 -25.07	123.69 5.92 -35.55	98.22 4.94 -29.66	94.56 4.47 -30.78	111.61 4.55 -47.38	101.38 5.54 -31.56	148.16 8.87 -43.83	235.93 7.69 -136.15	312.80 13.17 -134.79	187.70 10.00 -59.62	148.52 11.52 0.00	128.97 10.60 0.01	125.03 10.45 0.00	138.12 10.14 0.00	113.12 8.17 0.00
FREEPORT___CT2 23818	169.95 8.30 -49.10	114.69 6.65 -10.95	90.39 5.33 0.00	83.91 5.05 0.00	88.14 5.42 0.00	134.20 8.23 0.00	205.06 9.78 -48.88	198.41 7.62 -80.01	183.45 8.47 -48.04	155.80 8.10 -25.07	123.69 5.92 -35.55	98.22 4.94 -29.66	94.56 4.47 -30.78	111.61 4.55 -47.38	101.38 5.54 -31.56	148.16 8.87 -43.83	235.93 7.69 -136.15	312.80 13.17 -134.79	187.70 10.00 -59.62	148.52 11.52 0.00	128.97 10.60 0.01	125.03 10.45 0.00	138.12 10.14 0.00	113.12 8.17 0.00
FRESHKLS_33_KV_LOAD 356253	168.84 7.13 -49.16	113.85 5.80 -10.96	89.46 4.40 0.00	82.78 3.92 0.00	86.85 4.13 0.00	132.86 6.90 0.00	204.22 8.89 -48.94	198.09 7.20 -80.12	183.19 8.16 -48.11	155.11 7.38 -25.10	122.74 4.91 -35.60	77.43 3.79 -10.03	70.84 3.59 -7.94	81.61 3.75 -18.17	77.52 4.47 -8.78	115.87 6.68 -13.74	181.41 6.74 -82.58	265.87 11.86 -89.17	171.23 8.66 -44.49	133.37 9.35 12.98	112.47 8.20 14.12	108.98 7.79 13.38	124.67 7.73 11.04	97.45 5.62 13.12
FULTON COGEN____ 23766	108.75 -3.81 0.00	93.81 -3.28 0.00	82.19 -2.87 0.00	76.22 -2.64 0.00	80.02 -2.70 0.00	121.82 -4.14 0.00	141.82 -4.57 0.00	107.64 -3.14 0.00	123.43 -3.50 0.00	119.20 -3.43 0.00	79.97 -2.26 0.00	61.89 -1.73 0.00	57.67 -1.64 0.00	58.03 -1.66 0.00	62.54 -1.73 0.00	92.90 -2.56 0.00	90.07 -2.02 0.00	161.44 -3.39 0.00	115.37 -2.72 0.00	133.80 -3.20 0.00	115.40 -2.98 0.00	111.42 -3.16 0.00	124.40 -3.58 0.00	102.12 -2.83 0.00
FULTON___LFGE 323630	129.27 6.94 -9.77	105.27 6.00 -2.18	90.30 5.23 0.00	83.56 4.71 0.00	87.84 5.12 0.00	134.09 8.12 0.00	166.05 9.93 -9.72	134.31 7.85 -15.68	144.73 8.58 -9.23	134.77 7.33 -4.81	93.90 4.84 -6.83	72.84 3.51 -5.70	68.60 3.40 -5.90	72.16 3.40 -9.07	74.00 3.69 -6.04	109.85 6.01 -8.39	125.14 6.70 -26.36	204.17 12.66 -26.68	138.92 9.03 -11.80	147.51 10.51 0.00	127.19 8.81 0.01	122.67 8.09 0.00	136.65 8.67 0.00	111.75 6.81 0.00
G.F.CEMENT___DRP 24184	131.59 6.23 -12.80	105.54 5.60 -2.85	89.93 4.87 0.00	83.44 4.59 0.00	87.73 5.01 0.00	134.20 8.24 0.00	169.04 9.91 -12.74	139.12 7.55 -20.80	148.08 8.70 -12.45	136.80 7.67 -6.50	96.28 4.83 -9.22	75.19 3.89 -7.68	71.12 3.87 -7.94	76.07 4.16 -12.22	76.88 4.47 -8.14	113.51 6.75 -11.30	134.09 6.83 -35.17	211.86 12.06 -34.96	142.43 8.88 -15.47	147.76 10.76 0.00	127.67 9.29 0.00	123.26 8.68 0.00	136.97 8.99 0.00	111.70 6.75 0.00
GARDENVILLE___LBMP 24039	106.52 -6.04 0.00	93.62 -3.47 0.00	82.61 -2.45 0.00	76.35 -2.51 0.00	79.99 -2.72 0.00	118.73 -7.23 0.00	136.92 -9.48 0.00	100.43 -7.60 2.75	109.40 -8.97 8.56	107.37 -7.99 7.28	64.21 -5.23 12.79	47.39 -4.25 11.99	51.92 -4.33 3.06	52.48 -4.62 2.59	55.82 -5.38 3.07	87.72 -7.61 0.13	86.69 -5.40 0.00	156.28 -8.56 0.00	110.62 -7.46 0.00	127.56 -9.44 0.00	108.86 -8.97 0.56	103.73 -9.74 1.11	119.58 -8.41 0.00	100.18 -4.77 0.00
GARDNVLA_35_KV_LD 355827	107.16 -5.40 0.00	94.16 -2.93 0.00	83.12 -1.95 0.00	76.79 -2.07 0.00	80.47 -2.25 0.00	119.48 -6.48 0.00	137.69 -8.70 2.25	101.65 -6.87 2.25	111.68 -8.17 7.08	109.90 -7.24 5.49	69.22 -4.72 8.29	52.17 -3.85 7.60	54.16 -3.97 1.18	54.39 -4.30 1.00	58.12 -5.00 1.16	88.33 -7.04 0.08	87.24 -4.85 0.00	157.36 -7.47 0.00	111.36 -6.72 0.00	128.50 -8.50 0.00	109.68 -8.16 0.54	104.45 -9.02 1.10	120.38 -7.60 0.00	100.87 -4.08 0.00
GELCKHM___115KV_LOAD 80723	110.05 -2.50 0.00	94.98 -2.11 0.00	83.24 -1.82 0.00	77.18 -1.68 0.00	81.02 -1.70 0.00	123.28 -2.68 0.00	143.51 -2.89 0.00	109.13 -1.64 0.00	125.47 -1.46 0.00	121.27 -1.36 0.00	81.38 -0.85 0.00	62.92 -0.70 0.00	58.61 -0.70 0.00	58.99 -0.69 0.00	63.51 -0.76 0.00	93.96 -1.50 0.00	91.01 -1.08 0.00	163.10 -1.74 0.00	116.63 -1.45 0.00	135.34 -1.66 0.00	116.73 -1.65 0.00	112.56 -2.01 0.00	125.72 -2.26 0.00	103.26 -1.68 0.00
GENERAL___MILLS 23808	107.00 -5.56 0.00	94.03 -3.06 0.00	83.00 -2.06 0.00	76.67 -2.19 0.00	80.37 -2.35 0.00	119.29 -6.67 0.00	137.54 -8.86 0.00	101.32 -7.07 2.39	111.08 -8.37 7.48	108.80 -7.46 6.38	66.04 -4.86 11.33	48.88 -3.99 10.76	52.40 -4.08 2.83	52.90 -4.39 2.39	56.34 -5.10 2.83	88.15 -7.19 0.11	87.09 -5.00 0.00	157.05 -7.78 0.00	111.13 -6.96 0.00	128.22 -8.78 0.00	109.44 -8.39 0.55	104.24 -9.23 1.10	120.17 -7.81 0.00	100.69 -4.26 0.00
GE_PLASTICS___DRP 24183	129.80 2.89 -14.35	102.57 2.27 -3.20	87.03 1.96 0.00	80.90 2.04 0.00	84.74 2.02 0.00	129.38 3.42 0.00	164.80 4.11 -14.29	137.14 3.00 -23.36	144.44 3.49 -14.03	133.16 3.21 -7.32	94.93 2.32 -10.38	74.42 2.16 -8.64	70.27 2.07 -8.89	75.51 2.14 -13.68	75.74 2.36 -9.11	110.91 2.82 -12.63	134.00 2.63 -39.29	208.46 4.65 -38.98	138.61 3.29 -17.24	140.92 3.91 0.00	122.08 3.70 0.00	118.64 4.07 0.00	132.06 4.08 0.00	108.25 3.30 0.00
GILBOA___1 23756	122.88 3.03 -7.29	101.19 2.48 -1.63	87.10 2.04 0.00	80.78 1.92 0.00	84.72 2.01 0.00	129.40 3.44 0.00	157.51 3.86 -7.26	125.54 2.91 -11.86	137.43 3.41 -7.09	129.60 3.27 -3.70	89.95 2.48 -5.25	70.09 2.08 -4.38	65.83 1.98 -4.54	68.70 2.02 -6.99	71.24 2.31 -4.66	105.17 3.24 -6.47	115.15 2.92 -20.13	189.61 4.79 -19.99	130.46 3.53 -8.85	141.30 4.30 0.00	122.38 4.01 0.02	118.54 3.96 0.00	132.07 4.09 0.00	108.27 3.32 0.00
GILBOA___2 23757	122.88 3.03 -7.29	101.19 2.48 -1.63	87.10 2.04 0.00	80.78 1.92 0.00	84.72 2.01 0.00	129.40 3.44 0.00	157.51 3.86 -7.26	125.54 2.91 -11.86	137.43 3.41 -7.09	129.60 3.27 -3.70	89.95 2.48 -5.25	70.09 2.08 -4.38	65.83 1.98 -4.54	68.70 2.02 -6.99	71.24 2.31 -4.66	105.17 3.24 -6.47	115.15 2.92 -20.13	189.61 4.79 -19.99	130.46 3.53 -8.85	141.30 4.30 0.00	122.38 4.01 0.02	118.54 3.96 0.00	132.07 4.09 0.00	108.27 3.32 0.00

GILBOA___3 23758	122.88 3.03 -7.29	101.19 2.48 -1.63	87.10 2.04 0.00	80.78 1.92 0.00	84.72 2.01 0.00	129.40 3.44 0.00	157.51 3.86 -7.26	125.54 2.91 -11.86	137.43 3.41 -7.09	129.60 3.27 -3.70	89.95 2.48 -5.25	70.09 2.08 -4.38	65.83 1.98 -4.54	68.70 2.02 -6.99	71.24 2.31 -4.66	105.17 3.24 -6.47	115.15 2.92 -20.13	189.61 4.79 -19.99	130.46 3.53 -8.85	141.30 4.30 0.00	122.38 4.01 0.02	118.54 3.96 0.00	132.07 4.09 0.00	108.27 3.32 0.00
GILBOA___4 23759	122.88 3.03 -7.29	101.19 2.48 -1.63	87.10 2.04 0.00	80.78 1.92 0.00	84.72 2.01 0.00	129.40 3.44 0.00	157.51 3.86 -7.26	125.54 2.91 -11.86	137.43 3.41 -7.09	129.60 3.27 -3.70	89.95 2.48 -5.25	70.09 2.08 -4.38	65.83 1.98 -4.54	68.70 2.02 -6.99	71.24 2.31 -4.66	105.17 3.24 -6.47	115.15 2.92 -20.13	189.61 4.79 -19.99	130.46 3.53 -8.85	141.30 4.30 0.00	122.38 4.01 0.02	118.54 3.96 0.00	132.07 4.09 0.00	108.27 3.32 0.00
GILBOA___ 23599	122.88 3.03 -7.29	101.20 2.48 -1.63	87.10 2.04 0.00	80.78 1.92 0.00	84.72 2.01 0.00	129.40 3.44 0.00	157.53 3.88 -7.26	125.55 2.92 -11.86	137.43 3.41 -7.09	129.65 3.32 -3.70	89.97 2.49 -5.25	70.10 2.10 -4.38	65.84 1.99 -4.54	68.70 2.02 -6.99	71.25 2.32 -4.66	105.17 3.24 -6.47	115.16 2.93 -20.13	189.65 4.82 -19.99	130.49 3.56 -8.85	141.30 4.30 0.00	122.38 4.01 0.02	118.54 3.96 0.00	132.08 4.10 0.00	108.27 3.33 0.00
GINNA___ 23603	102.86 -9.26 0.44	88.72 -7.35 1.02	77.51 -6.17 1.38	71.40 -5.80 1.67	75.72 -6.02 0.98	115.10 -10.21 0.65	132.82 -11.95 1.63	100.28 -8.93 1.57	111.78 -10.18 4.97	100.78 -9.62 12.22	68.06 -6.39 7.78	58.81 -4.81 0.00	52.47 -4.96 1.88	51.86 -5.21 2.61	57.45 -5.75 1.08	85.31 -8.23 1.92	78.93 -6.94 6.23	148.83 -11.62 4.38	107.85 -9.08 1.15	125.10 -10.98 0.92	106.12 -10.09 2.18	100.47 -10.47 3.63	112.32 -11.00 4.66	86.70 -7.98 10.27
GLEN PARK___ 23778	114.64 2.08 0.00	98.78 1.68 0.00	86.49 1.43 0.00	80.17 1.31 0.00	84.25 1.53 0.00	128.73 2.77 0.00	150.36 3.96 0.00	114.21 3.44 0.00	130.95 4.02 0.00	126.81 4.18 0.00	85.00 2.77 0.00	65.98 2.36 0.00	61.79 2.48 0.00	61.79 2.10 0.00	66.56 2.29 0.00	98.91 3.46 0.00	96.28 4.19 0.00	172.33 7.49 0.00	123.58 5.50 0.00	142.95 5.94 0.00	123.02 4.64 0.00	118.46 3.89 0.00	132.03 4.05 0.00	107.94 2.99 0.00
GLENDALE_27_KV_LOAD 356172	169.82 8.10 -49.16	114.71 6.66 -10.96	90.35 5.28 0.00	83.59 4.74 0.00	87.65 4.93 0.00	134.09 8.13 0.00	205.43 10.09 -48.94	199.21 8.32 -80.12	184.66 9.63 -48.11	156.79 9.06 -25.10	123.94 6.11 -35.60	99.75 4.85 -31.28	95.43 4.63 -31.49	111.80 4.67 -47.44	101.28 5.40 -31.60	147.37 8.03 -43.89	236.43 8.01 -136.33	313.95 14.15 -134.96	188.05 10.27 -59.69	148.36 11.36 0.00	128.23 9.86 0.01	123.90 9.33 0.00	137.48 9.50 0.00	112.07 7.12 0.00
GLENWOOD_IC_1_G5 23712	169.63 7.98 -49.10	114.68 6.64 -10.95	90.40 5.33 0.00	83.76 4.90 0.00	87.85 5.13 0.00	134.34 8.38 0.00	205.42 10.15 -48.88	198.85 8.06 -80.01	183.67 8.70 -48.04	156.20 8.50 -25.07	123.77 5.99 -35.55	98.08 4.79 -29.66	94.50 4.41 -30.78	111.63 4.57 -47.38	101.30 5.47 -31.56	147.58 8.29 -43.83	236.34 8.10 -136.15	313.82 14.20 -134.79	187.84 10.13 -59.62	148.34 11.33 0.00	128.46 10.09 0.01	124.18 9.61 0.00	137.48 9.50 0.00	112.38 7.43 0.00
GLENWOOD_IC_2_G1 23688	169.19 7.54 -49.10	114.29 6.25 -10.95	90.06 5.00 0.00	83.43 4.57 0.00	87.50 4.78 0.00	133.85 7.89 0.00	204.85 9.58 -48.88	198.42 7.63 -80.01	183.61 8.63 -48.04	156.02 8.32 -25.07	123.60 5.82 -35.55	97.93 4.65 -29.66	94.43 4.34 -30.78	111.52 4.46 -47.38	101.11 5.28 -31.56	147.24 7.95 -43.83	235.94 7.70 -136.15	313.05 13.43 -134.79	187.53 9.83 -59.62	148.03 11.02 0.00	128.17 9.80 0.01	123.89 9.31 0.00	137.24 9.26 0.00	112.12 7.17 0.00
GLENWOOD_IC_3_G1 23689	169.19 7.54 -49.10	114.29 6.25 -10.95	90.06 5.00 0.00	83.43 4.57 0.00	87.50 4.78 0.00	133.85 7.89 0.00	204.85 9.58 -48.88	198.42 7.63 -80.01	183.61 8.63 -48.04	156.02 8.32 -25.07	123.60 5.82 -35.55	97.93 4.65 -29.66	94.43 4.34 -30.78	111.52 4.46 -47.38	101.11 5.28 -31.56	147.24 7.95 -43.83	235.94 7.70 -136.15	313.05 13.43 -134.79	187.53 9.83 -59.62	148.03 11.02 0.00	128.17 9.80 0.01	123.89 9.31 0.00	137.24 9.26 0.00	112.12 7.17 0.00
GLENWOOD___4 23550	169.63 7.98 -49.10	114.68 6.64 -10.95	90.40 5.33 0.00	83.76 4.90 0.00	87.85 5.13 0.00	134.34 8.38 0.00	205.42 10.15 -48.88	198.86 8.07 -80.01	183.82 8.85 -48.04	156.35 8.65 -25.07	123.88 6.09 -35.55	98.15 4.87 -29.66	94.56 4.47 -30.78	111.71 4.65 -47.38	101.37 5.54 -31.56	147.68 8.39 -43.83	236.37 8.12 -136.15	313.82 14.20 -134.79	187.93 10.23 -59.62	148.50 11.49 0.00	128.61 10.24 0.01	124.33 9.76 0.00	137.63 9.65 0.00	112.52 7.57 0.00
GLENWOOD___5 23614	169.63 7.98 -49.10	114.68 6.64 -10.95	90.40 5.33 0.00	83.76 4.90 0.00	87.85 5.13 0.00	134.34 8.38 0.00	205.42 10.15 -48.88	198.86 8.07 -80.01	183.82 8.85 -48.04	156.35 8.65 -25.07	123.88 6.09 -35.55	98.15 4.87 -29.66	94.56 4.47 -30.78	111.71 4.65 -47.38	101.37 5.54 -31.56	147.68 8.39 -43.83	236.37 8.12 -136.15	313.82 14.20 -134.79	187.93 10.23 -59.62	148.50 11.49 0.00	128.61 10.24 0.01	124.33 9.76 0.00	137.63 9.65 0.00	112.52 7.57 0.00
GLOBAL GREEN_PORT_GT1 23814	171.69 10.93 -48.21	118.41 10.37 -10.95	94.95 9.89 0.00	88.03 9.18 0.00	92.39 9.67 0.00	141.13 15.17 0.00	209.54 14.27 -48.88	200.99 10.20 -80.01	189.51 14.53 -48.04	161.93 14.23 -25.07	127.93 10.14 -35.55	101.06 7.77 -29.66	96.72 6.63 -30.78	114.19 7.13 -47.38	104.69 8.86 -31.56	153.23 13.94 -43.83	238.16 10.25 -135.82	316.71 17.08 -134.79	195.09 17.39 -59.62	157.33 20.32 0.00	135.94 17.57 0.01	131.22 16.65 0.00	144.53 16.55 0.00	118.61 13.66 0.00
GLOBE___DSASP 323697	101.60 -10.96 0.00	89.46 -7.63 0.00	79.00 -6.07 0.00	73.07 -5.79 0.00	76.57 -6.15 0.00	113.35 -12.61 0.00	129.97 -16.43 0.00	95.91 -13.02 1.85	106.20 -15.21 5.52	103.08 -14.01 5.54	61.46 -9.14 11.63	45.76 -6.98 10.88	48.43 -7.05 3.84	49.06 -7.40 3.22	52.06 -8.33 3.89	83.52 -11.82 0.12	82.36 -9.71 0.02	148.07 -16.76 0.00	104.12 -13.75 0.21	120.27 -16.73 0.00	102.20 -15.19 0.99	98.15 -15.47 0.96	113.67 -14.31 0.00	96.41 -8.54 0.00
GOETHSLN___LBMP 323567	168.43 6.70 -49.18	113.54 5.48 -10.97	89.38 4.32 0.00	82.72 3.86 0.00	86.77 4.05 0.00	132.82 6.86 0.00	203.82 8.46 -48.96	197.93 7.00 -80.15	183.04 7.98 -48.13	155.21 7.47 -25.11	122.91 5.07 -35.61	81.79 4.05 -14.12	80.07 3.87 -16.90	103.64 3.89 -40.07	100.47 4.59 -31.61	146.20 6.84 -43.90	234.86 6.87 -135.90	310.93 12.11 -133.99	185.65 8.80 -58.76	146.67 9.67 0.01	126.85 8.49 0.02	122.58 8.01 0.01	135.99 8.01 0.00	110.82 5.87 0.00
GOLAH___69_KV_TB 1_2 80279	107.69 -4.86 0.00	93.85 -3.24 0.00	82.56 -2.50 0.00	76.42 -2.43 0.00	80.24 -2.48 0.00	120.40 -5.56 0.00	139.55 -6.84 0.00	105.58 -5.23 -0.03	121.12 -5.96 -0.15	117.09 -5.34 0.20	77.40 -3.59 1.23	59.44 -2.83 1.35	55.44 -3.07 0.79	55.63 -3.40 0.67	59.54 -3.93 0.80	90.10 -5.35 0.01	88.70 -3.44 -0.06	159.62 -5.23 -0.01	113.90 -4.76 -0.58	130.97 -6.03 0.00	113.49 -5.91 -1.02	107.36 -6.58 0.64	121.91 -6.08 0.00	101.35 -3.60 0.00

GOODYEAR_LAKE_HYD 323669	116.94 4.38 0.00	100.80 3.71 0.00	88.28 3.22 0.00	81.68 2.83 0.00	85.79 3.07 0.00	130.95 4.99 0.00	152.63 6.23 0.00	111.96 5.10 3.92	127.34 6.01 5.60	125.54 5.83 2.92	82.10 4.01 4.14	63.11 2.94 3.45	58.11 2.39 3.58	56.61 2.44 5.51	63.27 2.67 3.67	94.41 4.05 5.10	86.02 4.59 10.66	173.29 8.46 0.00	124.43 6.34 0.00	144.45 7.45 0.00	124.50 6.16 0.04	119.97 5.40 0.00	133.86 5.87 0.00	109.78 4.83 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	107.59 0.68 5.65	96.32 0.49 1.26	85.53 0.47 0.00	79.25 0.40 0.00	83.20 0.48 0.00	126.40 0.44 0.00	141.54 0.77 5.63	101.78 0.82 9.81	122.44 1.39 5.88	121.38 1.31 2.56	80.45 1.07 2.84	62.21 0.65 2.07	56.27 0.56 3.59	54.10 0.51 6.10	61.13 0.55 3.70	90.14 0.92 6.23	75.22 1.42 18.30	151.97 2.74 15.61	113.17 1.95 6.86	139.36 2.36 0.00	120.05 1.76 0.10	115.75 1.18 0.00	129.60 1.62 0.00	106.45 1.51 0.00
GOUDEY___7 23579	107.59 0.68 5.65	96.32 0.49 1.26	85.53 0.47 0.00	79.25 0.40 0.00	83.20 0.48 0.00	126.40 0.44 0.00	141.54 0.77 5.63	101.78 0.82 9.81	122.44 1.39 5.88	121.38 1.31 2.56	80.45 1.07 2.84	62.21 0.65 2.07	56.27 0.56 3.59	54.10 0.51 6.10	61.13 0.55 3.70	90.14 0.92 6.23	75.22 1.42 18.30	151.97 2.74 15.61	113.17 1.95 6.86	139.36 2.36 0.00	120.05 1.76 0.10	115.75 1.18 0.00	129.60 1.62 0.00	106.45 1.51 0.00
GOUDEY___8 23580	107.59 0.68 5.65	96.32 0.49 1.26	85.53 0.47 0.00	79.25 0.40 0.00	83.20 0.48 0.00	126.40 0.44 0.00	141.54 0.77 5.63	101.78 0.82 9.81	122.44 1.39 5.88	121.38 1.31 2.56	80.45 1.07 2.84	62.21 0.65 2.07	56.27 0.56 3.59	54.10 0.51 6.10	61.13 0.55 3.70	90.14 0.92 6.23	75.22 1.42 18.30	151.97 2.74 15.61	113.17 1.95 6.86	139.36 2.36 0.00	120.05 1.76 0.10	115.75 1.18 0.00	129.60 1.62 0.00	106.45 1.51 0.00
GOWANUS_GT1_1 24077	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.25 4.40 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.97 9.64 -48.94	198.73 7.84 -80.12	184.06 9.02 -48.11	156.13 8.40 -25.10	123.48 5.65 -35.60	100.24 4.47 -32.14	95.36 4.20 -31.85	111.44 4.32 -47.44	100.95 5.08 -31.60	146.87 7.53 -43.89	235.86 7.45 -136.33	312.82 13.02 -134.96	187.26 9.48 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.18 8.61 0.00	136.63 8.65 0.00	111.39 6.44 0.00
GOWANUS_GT1_2 24078	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.25 4.40 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.97 9.64 -48.94	198.73 7.84 -80.12	184.06 9.02 -48.11	156.13 8.40 -25.10	123.48 5.65 -35.60	100.24 4.47 -32.14	95.36 4.20 -31.85	111.44 4.32 -47.44	100.95 5.08 -31.60	146.87 7.53 -43.89	235.86 7.45 -136.33	312.82 13.02 -134.96	187.26 9.48 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.18 8.61 0.00	136.63 8.65 0.00	111.39 6.44 0.00
GOWANUS_GT1_3 24079	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.25 4.40 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.97 9.64 -48.94	198.73 7.84 -80.12	184.06 9.02 -48.11	156.13 8.40 -25.10	123.48 5.65 -35.60	100.24 4.47 -32.14	95.36 4.20 -31.85	111.44 4.32 -47.44	100.95 5.08 -31.60	146.87 7.53 -43.89	235.86 7.45 -136.33	312.82 13.02 -134.96	187.26 9.48 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.18 8.61 0.00	136.63 8.65 0.00	111.39 6.44 0.00
GOWANUS_GT1_4 24080	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.25 4.40 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.97 9.64 -48.94	198.73 7.84 -80.12	184.06 9.02 -48.11	156.13 8.40 -25.10	123.48 5.65 -35.60	100.24 4.47 -32.14	95.36 4.20 -31.85	111.44 4.32 -47.44	100.95 5.08 -31.60	146.87 7.53 -43.89	235.86 7.45 -136.33	312.82 13.02 -134.96	187.26 9.48 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.18 8.61 0.00	136.63 8.65 0.00	111.39 6.44 0.00
GOWANUS_GT1_5 24084	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.25 4.40 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.97 9.64 -48.94	198.73 7.84 -80.12	184.06 9.02 -48.11	156.13 8.40 -25.10	123.48 5.65 -35.60	100.24 4.47 -32.14	95.36 4.20 -31.85	111.44 4.32 -47.44	100.95 5.08 -31.60	146.87 7.53 -43.89	235.86 7.45 -136.33	312.82 13.02 -134.96	187.26 9.48 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.18 8.61 0.00	136.63 8.65 0.00	111.39 6.44 0.00
GOWANUS_GT1_6 24111	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.25 4.40 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.97 9.64 -48.94	198.73 7.84 -80.12	184.06 9.02 -48.11	156.13 8.40 -25.10	123.48 5.65 -35.60	100.24 4.47 -32.14	95.36 4.20 -31.85	111.44 4.32 -47.44	100.95 5.08 -31.60	146.87 7.53 -43.89	235.86 7.45 -136.33	312.82 13.02 -134.96	187.26 9.48 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.18 8.61 0.00	136.63 8.65 0.00	111.39 6.44 0.00
GOWANUS_GT1_7 24112	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.25 4.40 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.97 9.64 -48.94	198.73 7.84 -80.12	184.06 9.02 -48.11	156.13 8.40 -25.10	123.48 5.65 -35.60	100.24 4.47 -32.14	95.36 4.20 -31.85	111.44 4.32 -47.44	100.95 5.08 -31.60	146.87 7.53 -43.89	235.86 7.45 -136.33	312.82 13.02 -134.96	187.26 9.48 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.18 8.61 0.00	136.63 8.65 0.00	111.39 6.44 0.00
GOWANUS_GT1_8 24113	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.25 4.40 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.97 9.64 -48.94	198.73 7.84 -80.12	184.06 9.02 -48.11	156.13 8.40 -25.10	123.48 5.65 -35.60	100.24 4.47 -32.14	95.36 4.20 -31.85	111.44 4.32 -47.44	100.95 5.08 -31.60	146.87 7.53 -43.89	235.86 7.45 -136.33	312.82 13.02 -134.96	187.26 9.48 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.18 8.61 0.00	136.63 8.65 0.00	111.39 6.44 0.00
GOWANUS_GT2_1 24114	169.37 7.65 -49.16	114.32 6.26 -10.96	89.95 4.88 0.00	83.20 4.35 0.00	87.29 4.57 0.00	133.48 7.52 0.00	200.54 9.51 -44.63	186.52 7.75 -67.99	173.53 8.95 -37.65	146.30 8.26 -15.41	93.30 5.63 -5.44	75.72 4.41 -7.68	67.42 4.16 -3.95	81.17 4.29 -17.18	77.08 5.04 -7.77	115.50 7.48 -12.56	180.45 7.43 -80.93	264.28 12.91 -86.53	166.84 9.40 -39.35	132.93 10.35 14.42	111.99 9.04 15.44	108.50 8.60 14.67	125.50 8.64 11.12	111.34 6.40 0.00
GOWANUS_GT2_2 24115	169.37 7.65 -49.16	114.32 6.26 -10.96	89.95 4.88 0.00	83.20 4.35 0.00	87.29 4.57 0.00	133.48 7.52 0.00	200.54 9.51 -44.63	186.52 7.75 -67.99	173.53 8.95 -37.65	146.30 8.26 -15.41	93.30 5.63 -5.44	75.72 4.41 -7.68	67.42 4.16 -3.95	81.17 4.29 -17.18	77.08 5.04 -7.77	115.50 7.48 -12.56	180.45 7.43 -80.93	264.28 12.91 -86.53	166.84 9.40 -39.35	132.93 10.35 14.42	111.99 9.04 15.44	108.50 8.60 14.67	125.50 8.64 11.12	111.34 6.40 0.00
GOWANUS_GT2_3 24116	169.37 7.65 -49.16	114.32 6.26 -10.96	89.95 4.88 0.00	83.20 4.35 0.00	87.29 4.57 0.00	133.48 7.52 0.00	200.54 9.51 -44.63	186.52 7.75 -67.99	173.53 8.95 -37.65	146.30 8.26 -15.41	93.30 5.63 -5.44	75.72 4.41 -7.68	67.42 4.16 -3.95	81.17 4.29 -17.18	77.08 5.04 -7.77	115.50 7.48 -12.56	180.45 7.43 -80.93	264.28 12.91 -86.53	166.84 9.40 -39.35	132.93 10.35 14.42	111.99 9.04 15.44	108.50 8.60 14.67	125.50 8.64 11.12	111.34 6.40 0.00

GOWANUS_GT2_4 24117	169.37 7.65 -49.16	114.32 6.26 -10.96	89.95 4.88 0.00	83.20 4.35 0.00	87.29 4.57 0.00	133.48 7.52 0.00	200.54 9.51 -44.63	186.52 7.75 -67.99	173.53 8.95 -37.65	146.30 8.26 -15.41	93.30 5.63 -5.44	75.72 4.41 -7.68	67.42 4.16 -3.95	81.17 4.29 -17.18	77.08 5.04 -7.77	115.50 7.48 -12.56	180.45 7.43 -80.93	264.28 12.91 -86.53	166.84 9.40 -39.35	132.93 10.35 14.42	111.99 9.04 15.44	108.50 8.60 14.67	125.50 8.64 11.12	111.34 6.40 0.00
GOWANUS_GT2_5 24118	169.37 7.65 -49.16	114.32 6.26 -10.96	89.95 4.88 0.00	83.20 4.35 0.00	87.29 4.57 0.00	133.48 7.52 0.00	200.54 9.51 -44.63	186.52 7.75 -67.99	173.53 8.95 -37.65	146.30 8.26 -15.41	93.30 5.63 -5.44	75.72 4.41 -7.68	67.42 4.16 -3.95	81.17 4.29 -17.18	77.08 5.04 -7.77	115.50 7.48 -12.56	180.45 7.43 -80.93	264.28 12.91 -86.53	166.84 9.40 -39.35	132.93 10.35 14.42	111.99 9.04 15.44	108.50 8.60 14.67	125.50 8.64 11.12	111.34 6.40 0.00
GOWANUS_GT2_6 24119	169.37 7.65 -49.16	114.32 6.26 -10.96	89.95 4.88 0.00	83.20 4.35 0.00	87.29 4.57 0.00	133.48 7.52 0.00	200.54 9.51 -44.63	186.52 7.75 -67.99	173.53 8.95 -37.65	146.30 8.26 -15.41	93.30 5.63 -5.44	75.72 4.41 -7.68	67.42 4.16 -3.95	81.17 4.29 -17.18	77.08 5.04 -7.77	115.50 7.48 -12.56	180.45 7.43 -80.93	264.28 12.91 -86.53	166.84 9.40 -39.35	132.93 10.35 14.42	111.99 9.04 15.44	108.50 8.60 14.67	125.50 8.64 11.12	111.34 6.40 0.00
GOWANUS_GT2_7 24120	169.37 7.65 -49.16	114.32 6.26 -10.96	89.95 4.88 0.00	83.20 4.35 0.00	87.29 4.57 0.00	133.48 7.52 0.00	200.54 9.51 -44.63	186.52 7.75 -67.99	173.53 8.95 -37.65	146.30 8.26 -15.41	93.30 5.63 -5.44	75.72 4.41 -7.68	67.42 4.16 -3.95	81.17 4.29 -17.18	77.08 5.04 -7.77	115.50 7.48 -12.56	180.45 7.43 -80.93	264.28 12.91 -86.53	166.84 9.40 -39.35	132.93 10.35 14.42	111.99 9.04 15.44	108.50 8.60 14.67	125.50 8.64 11.12	111.34 6.40 0.00
GOWANUS_GT2_8 24121	169.37 7.65 -49.16	114.32 6.26 -10.96	89.95 4.88 0.00	83.20 4.35 0.00	87.29 4.57 0.00	133.48 7.52 0.00	200.54 9.51 -44.63	186.52 7.75 -67.99	173.53 8.95 -37.65	146.30 8.26 -15.41	93.30 5.63 -5.44	75.72 4.41 -7.68	67.42 4.16 -3.95	81.17 4.29 -17.18	77.08 5.04 -7.77	115.50 7.48 -12.56	180.45 7.43 -80.93	264.28 12.91 -86.53	166.84 9.40 -39.35	132.93 10.35 14.42	111.99 9.04 15.44	108.50 8.60 14.67	125.50 8.64 11.12	111.34 6.40 0.00
GOWANUS_GT3_1 24122	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.23 4.37 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.94 9.61 -48.94	198.70 7.81 -80.12	184.05 9.01 -48.11	156.06 8.33 -25.10	123.48 5.65 -35.60	100.21 4.44 -32.14	95.36 4.20 -31.85	111.44 4.32 -47.44	100.94 5.07 -31.60	146.88 7.54 -43.89	235.87 7.45 -136.33	312.76 12.96 -134.96	187.23 9.45 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.20 8.62 0.00	136.64 8.65 0.00	111.39 6.44 0.00
GOWANUS_GT3_2 24123	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.23 4.37 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.94 9.61 -48.94	198.70 7.81 -80.12	184.05 9.01 -48.11	156.06 8.33 -25.10	123.48 5.65 -35.60	100.21 4.44 -32.14	95.36 4.20 -31.85	111.44 4.32 -47.44	100.94 5.07 -31.60	146.88 7.54 -43.89	235.87 7.45 -136.33	312.76 12.96 -134.96	187.23 9.45 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.20 8.62 0.00	136.64 8.65 0.00	111.39 6.44 0.00
GOWANUS_GT3_3 24124	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.23 4.37 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.94 9.61 -48.94	198.70 7.81 -80.12	184.05 9.01 -48.11	156.06 8.33 -25.10	123.48 5.65 -35.60	100.21 4.44 -32.14	95.36 4.20 -31.85	111.44 4.32 -47.44	100.94 5.07 -31.60	146.88 7.54 -43.89	235.87 7.45 -136.33	312.76 12.96 -134.96	187.23 9.45 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.20 8.62 0.00	136.64 8.65 0.00	111.39 6.44 0.00
GOWANUS_GT3_4 24125	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.23 4.37 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.94 9.61 -48.94	198.70 7.81 -80.12	184.05 9.01 -48.11	156.06 8.33 -25.10	123.48 5.65 -35.60	100.21 4.44 -32.14	95.36 4.20 -31.85	111.44 4.32 -47.44	100.94 5.07 -31.60	146.88 7.54 -43.89	235.87 7.45 -136.33	312.76 12.96 -134.96	187.23 9.45 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.20 8.62 0.00	136.64 8.65 0.00	111.39 6.44 0.00
GOWANUS_GT3_5 24126	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.23 4.37 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.94 9.61 -48.94	198.70 7.81 -80.12	184.05 9.01 -48.11	156.06 8.33 -25.10	123.48 5.65 -35.60	100.21 4.44 -32.14	95.36 4.20 -31.85	111.44 4.32 -47.44	100.94 5.07 -31.60	146.88 7.54 -43.89	235.87 7.45 -136.33	312.76 12.96 -134.96	187.23 9.45 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.20 8.62 0.00	136.64 8.65 0.00	111.39 6.44 0.00
GOWANUS_GT3_6 24127	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.23 4.37 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.94 9.61 -48.94	198.70 7.81 -80.12	184.05 9.01 -48.11	156.06 8.33 -25.10	123.48 5.65 -35.60	100.21 4.44 -32.14	95.36 4.20 -31.85	111.44 4.32 -47.44	100.94 5.07 -31.60	146.88 7.54 -43.89	235.87 7.45 -136.33	312.76 12.96 -134.96	187.23 9.45 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.20 8.62 0.00	136.64 8.65 0.00	111.39 6.44 0.00
GOWANUS_GT3_7 24128	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.23 4.37 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.94 9.61 -48.94	198.70 7.81 -80.12	184.05 9.01 -48.11	156.06 8.33 -25.10	123.48 5.65 -35.60	100.21 4.44 -32.14	95.36 4.20 -31.85	111.44 4.32 -47.44	100.94 5.07 -31.60	146.88 7.54 -43.89	235.87 7.45 -136.33	312.76 12.96 -134.96	187.23 9.45 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.20 8.62 0.00	136.64 8.65 0.00	111.39 6.44 0.00
GOWANUS_GT3_8 24129	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.23 4.37 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.94 9.61 -48.94	198.70 7.81 -80.12	184.05 9.01 -48.11	156.06 8.33 -25.10	123.48 5.65 -35.60	100.21 4.44 -32.14	95.36 4.20 -31.85	111.44 4.32 -47.44	100.94 5.07 -31.60	146.88 7.54 -43.89	235.87 7.45 -136.33	312.76 12.96 -134.96	187.23 9.45 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.20 8.62 0.00	136.64 8.65 0.00	111.39 6.44 0.00
GOWANUS_GT4_1 24130	169.40 7.68 -49.16	114.32 6.26 -10.96	89.95 4.89 0.00	83.22 4.36 0.00	87.29 4.57 0.00	133.48 7.52 0.00	200.56 9.53 -44.63	186.56 7.79 -67.99	173.54 8.97 -37.65	146.35 8.31 -15.41	93.31 5.64 -5.44	75.75 4.44 -7.68	67.44 4.18 -3.95	81.17 4.30 -17.18	77.09 5.05 -7.77	115.49 7.46 -12.56	180.43 7.41 -80.93	264.30 12.93 -86.53	166.88 9.44 -39.35	132.93 10.35 14.42	111.99 9.05 15.44	108.49 8.58 14.67	125.50 8.64 11.12	111.34 6.40 0.00
GOWANUS_GT4_2 24131	169.40 7.68 -49.16	114.32 6.26 -10.96	89.95 4.89 0.00	83.22 4.36 0.00	87.29 4.57 0.00	133.48 7.52 0.00	200.56 9.53 -44.63	186.56 7.79 -67.99	173.54 8.97 -37.65	146.35 8.31 -15.41	93.31 5.64 -5.44	75.75 4.44 -7.68	67.44 4.18 -3.95	81.17 4.30 -17.18	77.09 5.05 -7.77	115.49 7.46 -12.56	180.43 7.41 -80.93	264.30 12.93 -86.53	166.88 9.44 -39.35	132.93 10.35 14.42	111.99 9.05 15.44	108.49 8.58 14.67	125.50 8.64 11.12	111.34 6.40 0.00

GOWANUS_GT4_3 24132	169.40 7.68 -49.16	114.32 6.26 -10.96	89.95 4.89 0.00	83.22 4.36 0.00	87.29 4.57 0.00	133.48 7.52 0.00	200.56 9.53 -44.63	186.56 7.79 -67.99	173.54 8.97 -37.65	146.35 8.31 -15.41	93.31 5.64 -5.44	75.75 4.44 -7.68	67.44 4.18 -3.95	81.17 4.30 -17.18	77.09 5.05 -7.77	115.49 7.46 -12.56	180.43 7.41 -80.93	264.30 12.93 -86.53	166.88 9.44 -39.35	132.93 10.35 14.42	111.99 9.05 15.44	108.49 8.58 14.67	125.50 8.64 11.12	111.34 6.40 0.00
GOWANUS_GT4_4 24133	169.40 7.68 -49.16	114.32 6.26 -10.96	89.95 4.89 0.00	83.22 4.36 0.00	87.29 4.57 0.00	133.48 7.52 0.00	200.56 9.53 -44.63	186.56 7.79 -67.99	173.54 8.97 -37.65	146.35 8.31 -15.41	93.31 5.64 -5.44	75.75 4.44 -7.68	67.44 4.18 -3.95	81.17 4.30 -17.18	77.09 5.05 -7.77	115.49 7.46 -12.56	180.43 7.41 -80.93	264.30 12.93 -86.53	166.88 9.44 -39.35	132.93 10.35 14.42	111.99 9.05 15.44	108.49 8.58 14.67	125.50 8.64 11.12	111.34 6.40 0.00
GOWANUS_GT4_5 24134	169.40 7.68 -49.16	114.32 6.26 -10.96	89.95 4.89 0.00	83.22 4.36 0.00	87.29 4.57 0.00	133.48 7.52 0.00	200.56 9.53 -44.63	186.56 7.79 -67.99	173.54 8.97 -37.65	146.35 8.31 -15.41	93.31 5.64 -5.44	75.75 4.44 -7.68	67.44 4.18 -3.95	81.17 4.30 -17.18	77.09 5.05 -7.77	115.49 7.46 -12.56	180.43 7.41 -80.93	264.30 12.93 -86.53	166.88 9.44 -39.35	132.93 10.35 14.42	111.99 9.05 15.44	108.49 8.58 14.67	125.50 8.64 11.12	111.34 6.40 0.00
GOWANUS_GT4_6 24135	169.40 7.68 -49.16	114.32 6.26 -10.96	89.95 4.89 0.00	83.22 4.36 0.00	87.29 4.57 0.00	133.48 7.52 0.00	200.56 9.53 -44.63	186.56 7.79 -67.99	173.54 8.97 -37.65	146.35 8.31 -15.41	93.31 5.64 -5.44	75.75 4.44 -7.68	67.44 4.18 -3.95	81.17 4.30 -17.18	77.09 5.05 -7.77	115.49 7.46 -12.56	180.43 7.41 -80.93	264.30 12.93 -86.53	166.88 9.44 -39.35	132.93 10.35 14.42	111.99 9.05 15.44	108.49 8.58 14.67	125.50 8.64 11.12	111.34 6.40 0.00
GOWANUS_GT4_7 24136	169.40 7.68 -49.16	114.32 6.26 -10.96	89.95 4.89 0.00	83.22 4.36 0.00	87.29 4.57 0.00	133.48 7.52 0.00	200.56 9.53 -44.63	186.56 7.79 -67.99	173.54 8.97 -37.65	146.35 8.31 -15.41	93.31 5.64 -5.44	75.75 4.44 -7.68	67.44 4.18 -3.95	81.17 4.30 -17.18	77.09 5.05 -7.77	115.49 7.46 -12.56	180.43 7.41 -80.93	264.30 12.93 -86.53	166.88 9.44 -39.35	132.93 10.35 14.42	111.99 9.05 15.44	108.49 8.58 14.67	125.50 8.64 11.12	111.34 6.40 0.00
GOWANUS_GT4_8 24137	169.40 7.68 -49.16	114.32 6.26 -10.96	89.95 4.89 0.00	83.22 4.36 0.00	87.29 4.57 0.00	133.48 7.52 0.00	200.56 9.53 -44.63	186.56 7.79 -67.99	173.54 8.97 -37.65	146.35 8.31 -15.41	93.31 5.64 -5.44	75.75 4.44 -7.68	67.44 4.18 -3.95	81.17 4.30 -17.18	77.09 5.05 -7.77	115.49 7.46 -12.56	180.43 7.41 -80.93	264.30 12.93 -86.53	166.88 9.44 -39.35	132.93 10.35 14.42	111.99 9.05 15.44	108.49 8.58 14.67	125.50 8.64 11.12	111.34 6.40 0.00
GREENBSH_115KV_TB3 55895	129.57 2.76 -14.26	102.40 2.13 -3.18	86.92 1.86 0.00	80.93 2.07 0.00	84.67 1.95 0.00	129.26 3.30 0.00	164.59 4.01 -14.19	136.87 2.90 -23.20	144.22 3.37 -13.92	132.97 3.08 -7.26	94.79 2.26 -10.30	74.45 2.25 -8.58	70.29 2.14 -8.84	75.50 2.21 -13.61	75.72 2.39 -9.06	110.57 2.54 -12.57	133.50 2.31 -39.10	207.72 4.08 -38.80	138.14 2.90 -17.16	140.49 3.49 0.00	121.81 3.43 0.00	118.66 4.09 0.00	131.99 4.01 0.00	108.22 3.28 0.00
GREENIDGE_115KV_TB5 80291	110.68 -1.87 0.00	95.92 -1.17 0.00	84.86 -0.20 0.00	78.35 -0.51 0.00	82.15 -0.57 0.00	123.24 -2.72 0.00	144.31 -2.08 0.00	114.01 -0.27 -3.52	136.07 -1.60 -10.74	131.52 -1.73 -10.62	103.76 -0.84 -22.37	84.39 -0.57 -21.33	64.98 -1.87 -7.54	63.73 -2.30 -6.35	69.34 -2.55 -7.63	92.86 -2.82 -0.22	91.13 -0.96 0.00	163.85 -0.98 0.00	117.40 -0.69 0.00	134.97 -2.03 0.00	115.82 -2.44 0.12	108.09 -3.49 3.00	124.43 -3.55 0.00	102.58 -2.36 0.00
GREENIDGE___3 23582	110.68 -1.87 0.00	95.92 -1.17 0.00	84.86 -0.20 0.00	78.35 -0.51 0.00	82.15 -0.57 0.00	123.24 -2.72 0.00	144.31 -2.08 0.00	114.01 -0.27 -3.52	136.07 -1.60 -10.74	131.52 -1.73 -10.62	103.76 -0.84 -22.37	84.39 -0.57 -21.33	64.98 -1.87 -7.54	63.73 -2.30 -6.35	69.34 -2.55 -7.63	92.86 -2.82 -0.22	91.13 -0.96 0.00	163.85 -0.98 0.00	117.40 -0.69 0.00	134.97 -2.03 0.00	115.82 -2.44 0.12	108.09 -3.49 3.00	124.43 -3.55 0.00	102.58 -2.36 0.00
GREENIDGE___4 23583	110.86 -1.90 -0.20	96.39 -1.17 -0.47	85.50 -0.19 -0.63	79.10 -0.52 -0.76	82.60 -0.57 -0.45	123.53 -2.73 -0.30	145.02 -2.12 -0.74	114.62 -0.32 -4.17	136.08 -1.58 -10.74	131.59 -1.66 -10.62	103.77 -0.83 -22.37	84.43 -0.52 -21.33	64.97 -1.88 -7.54	63.74 -2.29 -6.35	69.36 -2.54 -7.63	92.86 -2.82 -0.22	91.10 -0.99 0.00	165.06 -1.04 -1.26	117.90 -0.71 -0.53	135.39 -2.03 -0.43	116.85 -2.44 -0.91	109.48 -3.51 1.59	126.56 -3.56 -2.14	107.32 -2.36 -4.73
GREENLWN_69_KV_BK 3 55738	168.87 8.10 -48.22	114.83 6.79 -10.95	90.59 5.53 0.00	83.99 5.13 0.00	88.00 5.29 0.00	134.22 8.26 0.00	204.91 9.64 -48.88	198.14 7.35 -80.01	182.95 7.98 -48.04	155.79 8.09 -25.07	123.90 6.12 -35.55	98.24 4.95 -29.66	94.39 4.30 -30.78	111.63 4.57 -47.38	101.65 5.82 -31.56	148.20 8.91 -43.83	235.73 7.81 -135.83	312.28 12.65 -134.79	187.37 9.67 -59.62	148.26 11.25 0.00	128.95 10.58 0.01	124.86 10.29 0.00	137.98 10.00 0.00	113.15 8.20 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.25 4.40 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.97 9.64 -48.94	198.73 7.84 -80.12	184.06 9.02 -48.11	156.13 8.40 -25.10	123.48 5.65 -35.60	100.24 4.47 -32.14	95.36 4.20 -31.85	111.44 4.32 -47.44	100.95 5.08 -31.60	146.87 7.53 -43.89	235.86 7.45 -136.33	312.82 13.02 -134.96	187.26 9.48 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.18 8.61 0.00	136.63 8.65 0.00	111.39 6.44 0.00
GRISSOM___SOLAR 323813	129.43 6.79 -10.09	105.16 5.82 -2.25	90.12 5.06 0.00	83.44 4.58 0.00	87.70 4.98 0.00	133.94 7.98 0.00	166.15 9.72 -10.04	134.64 7.64 -16.22	144.76 8.25 -9.58	134.58 6.96 -4.99	93.87 4.56 -7.08	72.86 3.32 -5.92	68.77 3.35 -6.11	72.40 3.31 -9.41	74.14 3.60 -6.27	110.12 5.96 -8.70	125.97 6.59 -27.29	204.78 12.40 -27.54	139.09 8.82 -12.19	147.25 10.25 0.00	127.03 8.65 0.01	122.54 7.96 0.00	136.48 8.50 0.00	111.63 6.68 0.00
GROVEVILLE___HYD 323602	172.52 8.69 -51.28	115.71 7.18 -11.43	90.91 5.85 0.00	84.19 5.33 0.00	88.34 5.62 0.00	135.48 9.52 0.00	209.39 11.94 -51.05	203.94 9.58 -83.58	187.97 10.84 -50.20	159.08 10.26 -26.19	126.18 6.80 -37.15	99.97 5.33 -31.01	96.66 5.10 -32.26	114.50 5.17 -49.65	103.27 5.93 -33.07	150.29 8.91 -45.92	243.83 9.10 -142.64	322.45 16.41 -141.20	192.26 11.70 -62.47	149.84 12.84 0.00	129.45 11.08 0.01	124.87 10.30 0.00	138.52 10.53 0.00	112.94 7.99 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	110.90 -1.65 0.00	95.69 -1.40 0.00	83.88 -1.18 0.00	77.76 -1.10 0.00	81.63 -1.08 0.00	124.21 -1.75 0.00	144.67 -1.73 0.00	110.51 -0.27 0.00	127.49 0.56 0.00	123.25 0.61 0.00	82.70 0.47 0.00	63.84 0.21 0.00	59.50 0.20 0.00	59.89 0.21 0.00	64.44 0.17 0.00	94.83 -0.62 0.00	91.83 -0.26 0.00	164.56 -0.28 0.00	117.68 -0.41 0.00	136.58 -0.42 0.00	117.78 -0.60 0.00	113.54 -1.04 0.00	126.78 -1.20 0.00	104.11 -0.84 0.00

HAMLTNNY_34_KV_TB 80303	111.01 -1.55 0.00	95.81 -1.28 0.00	84.01 -1.06 0.00	77.89 -0.97 0.00	81.77 -0.95 0.00	124.37 -1.60 0.00	144.88 -1.52 0.00	111.10 0.32 0.00	128.75 1.82 0.00	124.45 1.82 0.00	83.55 1.32 0.00	64.38 0.75 0.00	60.00 0.69 0.00	60.34 0.66 0.00	64.91 0.64 0.00	94.91 -0.55 0.00	91.96 -0.13 0.00	164.76 -0.07 0.00	117.78 -0.30 0.00	136.73 -0.27 0.00	117.88 -0.51 0.00	113.53 -1.05 0.00	126.84 -1.15 0.00	104.31 -0.64 0.00
HAMPSHIRE___PAPER_HYD 323593	114.10 1.54 0.00	98.55 1.46 0.00	86.39 1.32 0.00	80.05 1.19 0.00	84.00 1.28 0.00	127.64 1.68 0.00	147.66 1.26 0.00	111.66 0.89 0.00	127.88 0.95 0.00	124.01 1.38 0.00	83.25 1.02 0.00	64.32 0.70 0.00	60.61 1.30 0.00	60.30 0.61 0.00	64.80 0.53 0.00	96.14 0.68 0.00	92.67 0.58 0.00	164.97 0.13 0.00	117.90 -0.18 0.00	136.54 -0.46 0.00	117.84 -0.54 0.00	114.26 -0.32 0.00	128.66 0.68 0.00	105.87 0.93 0.00
HARDSCRABBLE_WT_PWR 323673	115.17 2.61 0.00	99.03 1.94 0.00	86.71 1.65 0.00	80.53 1.67 0.00	84.57 1.85 0.00	129.36 3.40 0.00	153.38 6.98 0.00	116.60 5.83 0.00	133.06 6.13 0.00	127.29 4.66 0.00	84.51 2.28 0.00	65.32 1.70 0.00	61.11 1.81 0.00	61.73 2.04 0.00	66.55 2.28 0.00	97.59 2.13 0.00	94.24 2.15 0.00	169.54 4.70 0.00	121.79 3.71 0.00	142.00 5.00 0.00	122.99 4.61 0.00	119.37 4.79 0.00	132.71 4.73 0.00	108.44 3.50 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	179.53 6.95 -60.02	116.18 5.70 -13.38	89.63 4.57 0.00	82.99 4.13 0.00	87.14 4.43 0.00	133.50 7.54 0.00	215.57 9.42 -59.75	216.34 7.60 -97.96	194.41 8.53 -58.95	161.41 8.02 -30.76	131.32 5.47 -43.62	104.40 4.37 -36.40	101.29 4.15 -37.83	122.16 4.25 -58.22	107.98 4.92 -38.78	156.71 7.41 -53.85	266.68 7.50 -167.09	343.32 13.44 -165.04	200.74 9.65 -73.00	147.50 10.49 0.00	127.48 9.11 0.02	123.05 8.47 0.00	136.58 8.59 0.00	111.39 6.44 0.00
HARSNRAD_115KV_TB1 81005	103.02 -9.53 0.00	90.58 -6.51 0.00	79.93 -5.13 0.00	73.92 -4.94 0.00	77.49 -5.23 0.00	114.92 -11.05 0.00	132.08 -14.32 0.00	96.47 -11.51 2.80	104.55 -13.20 9.17	102.81 -11.86 7.96	60.01 -7.96 14.26	44.85 -6.27 12.51	48.23 -6.27 4.81	49.08 -6.57 4.04	51.84 -7.57 4.87	84.22 -10.86 0.37	82.10 -8.59 1.41	150.43 -14.12 0.29	92.15 -11.52 14.41	122.92 -14.07 0.01	79.89 -13.02 25.47	99.84 -13.47 1.26	115.45 -12.53 0.00	97.16 -7.79 0.00
HARZA MOOSE___RIVER 24016	115.42 2.86 0.00	99.54 2.44 0.00	87.18 2.12 0.00	80.80 1.94 0.00	84.85 2.14 0.00	129.61 3.65 0.00	151.05 4.65 0.00	114.44 3.67 0.00	131.22 4.30 0.00	126.98 4.35 0.00	85.22 2.99 0.00	65.93 2.31 0.00	61.37 2.06 0.00	61.52 1.83 0.00	66.39 2.12 0.00	98.55 3.09 0.00	95.49 3.40 0.00	170.67 5.83 0.00	122.36 4.88 0.00	141.88 4.11 0.00	122.49 4.11 0.00	118.28 3.70 0.00	131.98 4.00 0.00	108.10 3.15 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	110.00 -2.56 0.00	94.91 -2.18 0.00	83.19 -1.87 0.00	77.11 -1.75 0.00	80.95 -1.76 0.00	123.17 -2.79 0.00	143.36 -3.04 0.00	108.76 -2.01 0.00	124.83 -2.09 0.00	120.63 -2.00 0.00	80.96 -1.27 0.00	62.65 -0.97 0.00	58.33 -0.97 0.00	58.73 -0.95 0.00	63.23 -1.04 0.00	93.89 -1.56 0.00	91.01 -1.08 0.00	163.10 -1.74 0.00	116.63 -1.45 0.00	135.28 -1.72 0.00	116.67 -1.71 0.00	112.53 -2.05 0.00	125.70 -2.28 0.00	103.22 -1.73 0.00
HELLGATE_13_KV_LD 55870	169.33 7.62 -49.16	114.33 6.28 -10.96	90.01 4.95 0.00	83.29 4.43 0.00	87.32 4.60 0.00	133.51 7.55 0.00	204.70 9.36 -48.94	198.63 7.74 -80.12	184.00 8.97 -48.11	156.12 8.39 -25.10	123.48 5.66 -35.60	98.99 4.51 -30.86	94.93 4.31 -31.31	111.46 4.34 -47.44	100.93 5.07 -31.60	146.84 7.49 -43.89	235.88 7.46 -136.33	312.93 13.13 -134.96	187.35 9.58 -59.69	147.58 10.58 0.00	127.54 9.17 0.01	123.30 8.72 0.00	136.90 8.92 0.00	111.61 6.66 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	169.33 7.62 -49.16	114.33 6.28 -10.96	90.01 4.95 0.00	83.29 4.43 0.00	87.32 4.60 0.00	133.51 7.55 0.00	204.70 9.36 -48.94	198.63 7.74 -80.12	184.00 8.97 -48.11	156.12 8.39 -25.10	123.48 5.66 -35.60	98.99 4.51 -30.86	94.93 4.31 -31.31	111.46 4.34 -47.44	100.93 5.07 -31.60	146.84 7.49 -43.89	235.88 7.46 -136.33	312.93 13.13 -134.96	187.35 9.58 -59.69	147.58 10.58 0.00	127.54 9.17 0.01	123.30 8.72 0.00	136.90 8.92 0.00	111.61 6.66 0.00
HEMPSTEAD____ 23647	169.26 7.61 -49.10	114.32 6.28 -10.95	90.10 5.03 0.00	83.55 4.69 0.00	87.63 4.91 0.00	133.82 7.86 0.00	204.68 9.40 -48.88	198.19 7.40 -80.01	183.16 8.18 -48.04	155.76 8.06 -25.07	123.62 5.84 -35.55	98.00 4.72 -29.66	94.36 4.27 -30.78	111.50 4.44 -47.38	101.25 5.42 -31.56	147.68 8.39 -43.83	235.92 7.68 -136.15	312.77 13.14 -134.79	187.45 9.75 -59.62	148.15 11.15 0.00	128.50 10.13 0.01	124.33 9.76 0.00	137.46 9.48 0.00	112.50 7.55 0.00
HEWLETT_69_KV_BK3 55828	171.33 8.52 -50.25	115.13 7.10 -10.95	90.78 5.72 0.00	84.19 5.33 0.00	88.23 5.52 0.00	134.69 8.73 0.00	205.44 10.16 -48.88	198.84 8.04 -80.01	184.21 9.24 -48.04	156.93 9.23 -25.07	124.32 6.54 -35.55	98.64 5.36 -29.66	94.91 4.82 -30.78	112.09 5.03 -47.38	101.75 5.92 -31.56	148.42 9.13 -43.83	237.13 8.45 -136.58	314.03 14.41 -134.79	188.52 10.83 -59.62	149.49 12.49 0.00	129.89 11.52 0.01	125.58 11.01 0.00	138.80 10.82 0.00	113.59 8.64 0.00
HICKLING___1 23621	110.99 -1.57 0.00	95.73 -1.37 0.00	84.30 -0.77 0.00	78.01 -0.84 0.00	81.78 -0.94 0.00	123.32 -2.64 0.00	143.82 -2.58 0.00	107.18 -1.43 2.16	126.20 0.56 1.29	124.12 0.23 -1.26	87.46 0.53 -4.70	68.50 -0.08 -4.95	58.63 -0.27 0.41	56.48 -0.51 2.70	63.30 -0.51 0.46	90.50 -0.30 4.65	78.49 0.52 14.12	161.08 -0.08 3.68	117.94 -0.15 0.00	136.63 -0.37 0.00	117.16 -1.04 0.19	109.55 -2.06 2.96	126.54 -1.44 0.00	104.17 -0.77 0.00
HICKLING___2 23622	110.99 -1.57 0.00	95.73 -1.37 0.00	84.30 -0.77 0.00	78.01 -0.84 0.00	81.78 -0.94 0.00	123.32 -2.64 0.00	143.82 -2.58 0.00	107.18 -1.43 2.16	126.20 0.56 1.29	124.12 0.23 -1.26	87.46 0.53 -4.70	68.50 -0.08 -4.95	58.63 -0.27 0.41	56.48 -0.51 2.70	63.30 -0.51 0.46	90.50 -0.30 4.65	78.49 0.52 14.12	161.08 -0.08 3.68	117.94 -0.15 0.00	136.63 -0.37 0.00	117.16 -1.04 0.19	109.55 -2.06 2.96	126.54 -1.44 0.00	104.17 -0.77 0.00
HIGH FALLS___HY 23754	174.54 12.41 -49.57	118.47 10.32 -11.05	93.48 8.42 0.00	86.43 7.57 0.00	90.78 8.07 0.00	139.47 13.51 0.00	212.82 17.07 -49.35	205.55 13.90 -80.88	192.15 16.04 -49.18	163.43 15.14 -25.66	128.20 9.58 -36.40	101.43 7.31 -30.49	98.44 6.99 -32.14	116.25 7.09 -49.47	104.92 7.90 -32.74	152.71 12.18 -45.08	244.92 12.81 -140.01	326.89 23.46 -138.59	195.45 16.04 -61.33	153.23 16.23 0.00	132.24 13.87 0.01	127.25 12.68 0.00	141.01 13.03 0.00	114.84 9.89 0.00
HIGH_RIVER___SOLAR 323847	128.43 4.64 -11.22	103.56 3.97 -2.50	88.48 3.41 0.00	82.00 3.14 0.00	86.08 3.36 0.00	131.46 5.50 0.00	164.24 6.67 -11.17	134.06 5.12 -18.16	143.32 5.57 -10.82	132.55 4.27 -5.65	93.26 3.02 -8.01	72.56 2.26 -6.68	68.51 2.30 -6.90	72.68 2.37 -10.62	74.03 2.69 -7.07	109.54 4.26 -9.82	127.37 4.63 -30.65	203.92 8.43 -30.65	137.68 6.04 -13.56	144.07 7.06 0.00	124.45 6.06 0.00	120.27 5.70 0.00	133.97 5.99 0.00	109.63 4.68 0.00

HILLBURN___GT 23639	186.55 6.51 -67.48	117.50 5.37 -15.05	89.31 4.25 0.00	82.67 3.82 0.00	86.84 4.12 0.00	132.99 7.03 0.00	222.30 8.73 -67.18	227.85 7.05 -110.03	200.97 7.91 -66.13	164.47 7.34 -34.50	136.23 5.07 -48.93	108.51 4.05 -40.83	105.58 3.85 -42.42	128.89 3.91 -65.29	112.35 4.59 -43.49	162.76 6.90 -60.39	286.39 6.77 -187.53	362.56 12.22 -185.51	209.05 8.92 -82.05	146.72 9.72 0.00	126.89 8.52 0.01	122.51 7.93 0.00	135.94 7.97 0.00	110.88 5.93 0.00
HILLSIDE_115KV_TB1 80332	110.17 -2.38 0.00	94.74 -2.35 0.00	83.35 -1.72 0.00	77.18 -1.67 0.00	80.99 -1.73 0.00	122.26 -3.70 0.00	142.53 -3.87 0.00	105.87 -2.48 2.43	123.90 -1.21 1.81	122.06 -1.35 -0.78	85.49 -0.47 -3.73	66.75 -0.91 -4.03	57.60 -0.95 0.76	55.56 -1.10 3.03	62.34 -1.12 0.81	89.32 -1.40 4.74	77.02 -0.73 14.34	159.14 -1.96 3.73	116.71 -1.37 0.00	135.40 -1.60 0.00	116.23 -1.97 0.18	108.83 -2.94 2.81	125.58 -2.40 0.00	103.40 -1.54 0.00
HISHELDN_WT_PWR 323625	105.58 -6.32 0.66	91.70 -3.88 1.51	80.23 -2.79 2.05	73.57 -2.81 2.48	78.15 -3.11 1.46	117.54 -7.45 0.97	134.54 -9.42 2.43	94.76 -7.52 8.50	87.86 -9.58 29.50	65.56 -8.79 48.28	5.21 -5.86 71.16	4.71 -4.73 54.19	14.74 -5.27 39.30	25.01 -5.54 29.14	32.32 -6.31 25.64	82.38 -8.34 4.73	72.32 -6.17 13.60	148.95 -8.24 7.65	109.35 -7.02 1.71	126.92 -8.71 1.37	106.20 -8.39 3.80	99.50 -9.14 5.94	112.81 -8.24 6.93	84.48 -5.21 15.26
HOLTSVILLE_IC_1 23690	170.08 9.32 -48.21	116.08 8.04 -10.95	91.78 6.72 0.00	85.05 6.19 0.00	89.12 6.41 0.00	135.80 9.84 0.00	206.32 11.05 -48.88	199.06 8.27 -80.01	184.02 9.05 -48.04	156.89 9.19 -25.07	124.75 6.97 -35.55	98.79 5.50 -29.66	94.88 4.79 -30.78	112.17 5.11 -47.38	102.37 6.54 -31.56	149.37 10.08 -43.83	236.44 8.52 -135.82	313.33 13.70 -134.79	188.62 10.92 -59.62	149.87 12.87 0.00	130.36 11.99 0.01	126.16 11.58 0.00	139.17 11.19 0.00	114.51 9.56 0.00
HOLTSVILLE_IC_10 23699	170.72 9.95 -48.22	116.60 8.57 -10.95	92.23 7.17 0.00	85.49 6.63 0.00	89.58 6.87 0.00	136.59 10.63 0.00	207.29 12.02 -48.88	199.85 9.05 -80.01	184.83 9.85 -48.04	157.68 9.98 -25.07	125.32 7.53 -35.55	99.17 5.89 -29.66	95.18 5.09 -30.78	112.52 5.46 -47.38	102.79 6.95 -31.56	150.03 10.74 -43.83	237.10 9.18 -135.83	314.57 14.94 -134.79	189.49 11.79 -59.62	150.98 13.98 0.00	131.26 12.89 0.01	126.95 12.37 0.00	140.02 12.04 0.00	115.08 10.13 0.00
HOLTSVILLE_IC_2 23691	170.08 9.32 -48.21	116.08 8.04 -10.95	91.78 6.72 0.00	85.05 6.19 0.00	89.12 6.41 0.00	135.80 9.84 0.00	206.32 11.05 -48.88	199.06 8.27 -80.01	184.02 9.05 -48.04	156.89 9.19 -25.07	124.75 6.97 -35.55	98.79 5.50 -29.66	94.88 4.79 -30.78	112.17 5.11 -47.38	102.37 6.54 -31.56	149.37 10.08 -43.83	236.44 8.52 -135.82	313.33 13.70 -134.79	188.62 10.92 -59.62	149.87 12.87 0.00	130.36 11.99 0.01	126.16 11.58 0.00	139.17 11.19 0.00	114.51 9.56 0.00
HOLTSVILLE_IC_3 23692	170.08 9.32 -48.21	116.08 8.04 -10.95	91.78 6.72 0.00	85.05 6.19 0.00	89.12 6.41 0.00	135.80 9.84 0.00	206.32 11.05 -48.88	199.06 8.27 -80.01	184.02 9.05 -48.04	156.89 9.19 -25.07	124.75 6.97 -35.55	98.79 5.50 -29.66	94.88 4.79 -30.78	112.17 5.11 -47.38	102.37 6.54 -31.56	149.37 10.08 -43.83	236.44 8.52 -135.82	313.33 13.70 -134.79	188.62 10.92 -59.62	149.87 12.87 0.00	130.36 11.99 0.01	126.16 11.58 0.00	139.17 11.19 0.00	114.51 9.56 0.00
HOLTSVILLE_IC_4 23693	170.08 9.32 -48.21	116.08 8.04 -10.95	91.78 6.72 0.00	85.05 6.19 0.00	89.12 6.41 0.00	135.80 9.84 0.00	206.32 11.05 -48.88	199.06 8.27 -80.01	184.02 9.05 -48.04	156.89 9.19 -25.07	124.75 6.97 -35.55	98.79 5.50 -29.66	94.88 4.79 -30.78	112.17 5.11 -47.38	102.37 6.54 -31.56	149.37 10.08 -43.83	236.44 8.52 -135.82	313.33 13.70 -134.79	188.62 10.92 -59.62	149.87 12.87 0.00	130.36 11.99 0.01	126.16 11.58 0.00	139.17 11.19 0.00	114.51 9.56 0.00
HOLTSVILLE_IC_5 23694	170.08 9.32 -48.21	116.08 8.04 -10.95	91.78 6.72 0.00	85.05 6.19 0.00	89.12 6.41 0.00	135.80 9.84 0.00	206.32 11.05 -48.88	199.06 8.27 -80.01	184.02 9.05 -48.04	156.89 9.19 -25.07	124.75 6.97 -35.55	98.79 5.50 -29.66	94.88 4.79 -30.78	112.17 5.11 -47.38	102.37 6.54 -31.56	149.37 10.08 -43.83	236.44 8.52 -135.82	313.33 13.70 -134.79	188.62 10.92 -59.62	149.87 12.87 0.00	130.36 11.99 0.01	126.16 11.58 0.00	139.17 11.19 0.00	114.51 9.56 0.00
HOLTSVILLE_IC_6 23695	170.72 9.95 -48.22	116.60 8.57 -10.95	92.23 7.17 0.00	85.49 6.63 0.00	89.58 6.87 0.00	136.59 10.63 0.00	207.29 12.02 -48.88	199.85 9.05 -80.01	184.83 9.85 -48.04	157.68 9.98 -25.07	125.32 7.53 -35.55	99.17 5.89 -29.66	95.18 5.09 -30.78	112.52 5.46 -47.38	102.79 6.95 -31.56	150.03 10.74 -43.83	237.10 9.18 -135.83	314.57 14.94 -134.79	189.49 11.79 -59.62	150.98 13.98 0.00	131.26 12.89 0.01	126.95 12.37 0.00	140.02 12.04 0.00	115.08 10.13 0.00
HOLTSVILLE_IC_7 23696	170.72 9.95 -48.22	116.60 8.57 -10.95	92.23 7.17 0.00	85.49 6.63 0.00	89.58 6.87 0.00	136.59 10.63 0.00	207.29 12.02 -48.88	199.85 9.05 -80.01	184.83 9.85 -48.04	157.68 9.98 -25.07	125.32 7.53 -35.55	99.17 5.89 -29.66	95.18 5.09 -30.78	112.52 5.46 -47.38	102.79 6.95 -31.56	150.03 10.74 -43.83	237.10 9.18 -135.83	314.57 14.94 -134.79	189.49 11.79 -59.62	150.98 13.98 0.00	131.26 12.89 0.01	126.95 12.37 0.00	140.02 12.04 0.00	115.08 10.13 0.00
HOLTSVILLE_IC_8 23697	170.72 9.95 -48.22	116.60 8.57 -10.95	92.23 7.17 0.00	85.49 6.63 0.00	89.58 6.87 0.00	136.59 10.63 0.00	207.29 12.02 -48.88	199.85 9.05 -80.01	184.83 9.85 -48.04	157.68 9.98 -25.07	125.32 7.53 -35.55	99.17 5.89 -29.66	95.18 5.09 -30.78	112.52 5.46 -47.38	102.79 6.95 -31.56	150.03 10.74 -43.83	237.10 9.18 -135.83	314.57 14.94 -134.79	189.49 11.79 -59.62	150.98 13.98 0.00	131.26 12.89 0.01	126.95 12.37 0.00	140.02 12.04 0.00	115.08 10.13 0.00
HOLTSVILLE_IC_9 23698	170.72 9.95 -48.22	116.60 8.57 -10.95	92.23 7.17 0.00	85.49 6.63 0.00	89.58 6.87 0.00	136.59 10.63 0.00	207.29 12.02 -48.88	199.85 9.05 -80.01	184.83 9.85 -48.04	157.68 9.98 -25.07	125.32 7.53 -35.55	99.17 5.89 -29.66	95.18 5.09 -30.78	112.52 5.46 -47.38	102.79 6.95 -31.56	150.03 10.74 -43.83	237.10 9.18 -135.83	314.57 14.94 -134.79	189.49 11.79 -59.62	150.98 13.98 0.00	131.26 12.89 0.01	126.95 12.37 0.00	140.02 12.04 0.00	115.08 10.13 0.00
HOMER_HL_115KV_TB2 355744	112.29 -0.27 0.00	98.26 1.17 0.00	86.48 1.42 0.00	80.10 1.24 0.00	83.59 0.88 0.00	123.90 -2.06 0.00	143.76 -2.63 0.00	108.01 -2.18 0.58	122.00 -3.04 1.89	119.94 -1.39 1.30	80.52 -0.16 1.54	61.46 -0.67 1.49	58.67 -0.65 -0.01	58.97 -0.71 0.00	63.07 -1.24 -0.03	93.68 -1.76 0.02	90.93 -1.16 0.00	163.73 -1.10 0.00	115.92 -2.16 0.00	134.13 -2.87 0.00	114.77 -3.15 0.47	109.54 -3.68 1.35	126.21 -1.77 0.00	105.08 0.13 0.00
HOWARD_WT_PWR 323690	109.32 -3.24 0.00	95.11 -1.98 0.00	83.90 -1.16 0.00	77.41 -1.45 0.00	80.64 -2.07 0.00	120.90 -5.07 0.00	141.85 -4.55 0.00	114.29 -3.41 -6.93	137.41 -6.97 -17.45	127.64 -6.51 -11.52	116.53 -4.34 -38.65	102.26 -4.09 -42.72	67.33 -5.65 -13.68	64.76 -5.61 -10.69	72.42 -6.33 -14.47	86.88 -7.42 1.16	82.45 -4.24 5.40	161.52 -1.90 1.42	116.73 -1.35 0.00	134.83 -2.18 0.00	115.28 -2.85 0.25	107.85 -3.95 2.78	124.05 -3.93 0.00	101.65 -3.30 0.00

HQ_GEN_CEDARS 23644	114.35 1.80 0.00	98.90 1.81 0.00	86.82 1.75 0.00	80.43 1.58 0.00	84.30 1.58 0.00	127.62 1.65 0.00	146.95 0.55 0.00	110.88 0.10 0.00	126.94 0.01 0.00	123.05 0.42 0.00	82.31 0.08 0.00	63.48 -0.14 0.00	59.54 0.23 0.00	59.61 -0.07 0.00	63.80 -0.47 0.00	94.65 -0.81 0.00	90.77 -1.32 0.00	162.06 -2.77 0.00	115.86 -2.23 0.00	134.09 -2.92 0.00	115.91 -2.47 0.00	112.67 -1.91 0.00	127.36 -0.62 0.00	104.89 -0.06 0.00
HQ_GEN_CEDARS_PROXY 323590	114.36 1.80 0.00	98.90 1.80 0.00	86.81 1.75 0.00	80.43 1.58 0.00	84.30 1.59 0.00	127.61 1.65 0.00	146.99 0.60 0.00	110.91 0.13 0.00	126.94 0.01 0.00	123.06 0.43 0.00	82.31 0.08 0.00	63.48 -0.14 0.00	59.54 0.23 0.00	59.61 -0.07 0.00	63.81 -0.46 0.00	94.64 -0.82 0.00	90.80 -1.29 0.00	162.09 -2.74 0.00	115.90 -2.19 0.00	134.09 -2.92 0.00	115.92 -2.46 0.00	112.68 -1.90 0.00	127.36 -0.62 0.00	104.89 -0.06 0.00
HQ_GEN_IMPORT 323601	112.80 0.25 0.00	97.45 0.36 0.00	85.45 0.39 0.00	79.18 0.32 0.00	83.00 0.28 0.00	126.02 0.06 0.00	146.18 -0.22 0.00	110.45 -0.32 0.00	126.48 -0.45 0.00	122.37 -0.26 0.00	81.84 -0.39 0.00	63.14 -0.49 0.00	51.72 -0.40 7.19	59.19 -0.49 0.00	57.09 -0.73 6.46	94.53 -0.93 0.00	90.78 -1.31 0.00	162.52 -2.31 0.00	116.41 -1.68 0.00	134.84 -2.17 0.00	116.47 -1.92 0.00	112.91 -1.67 0.00	126.64 -1.34 0.00	103.92 -1.03 0.00
HQ_GEN_WHEEL 23651	112.80 0.25 0.00	97.45 0.36 0.00	85.45 0.39 0.00	79.18 0.32 0.00	83.00 0.28 0.00	126.02 0.06 0.00	146.18 -0.22 0.00	110.45 -0.32 0.00	126.48 -0.45 0.00	122.37 -0.26 0.00	81.84 -0.39 0.00	63.14 -0.49 0.00	51.72 -0.40 7.19	59.19 -0.49 0.00	57.09 -0.73 6.46	94.53 -0.93 0.00	90.78 -1.31 0.00	162.52 -2.31 0.00	116.41 -1.68 0.00	134.84 -2.17 0.00	116.47 -1.92 0.00	112.91 -1.67 0.00	126.64 -1.34 0.00	103.92 -1.03 0.00
HUDSON AVE_GT_3 23810	169.43 7.70 -49.18	114.40 6.34 -10.97	90.11 5.05 0.00	83.39 4.53 0.00	87.45 4.73 0.00	133.85 7.89 0.00	205.07 9.71 -48.96	198.88 7.95 -80.15	184.21 9.15 -48.13	156.42 8.68 -25.11	123.71 5.87 -35.61	98.03 4.70 -29.71	94.60 4.46 -30.83	111.63 4.49 -47.45	101.11 5.22 -31.61	147.13 7.77 -43.90	236.30 13.79 -136.38	313.65 13.79 -135.02	187.79 9.99 -59.72	148.08 11.08 0.00	128.06 9.69 0.01	123.75 9.18 0.00	137.27 9.28 0.00	111.85 6.91 0.00
HUDSON AVE_GT_4 23540	169.43 7.70 -49.18	114.40 6.34 -10.97	90.11 5.05 0.00	83.39 4.53 0.00	87.45 4.73 0.00	133.85 7.89 0.00	205.07 9.71 -48.96	198.88 7.95 -80.15	184.21 9.15 -48.13	156.42 8.68 -25.11	123.71 5.87 -35.61	98.03 4.70 -29.71	94.60 4.46 -30.83	111.63 4.49 -47.45	101.11 5.22 -31.61	147.13 7.77 -43.90	236.30 13.79 -136.38	313.65 13.79 -135.02	187.79 9.99 -59.72	148.08 11.08 0.00	128.06 9.69 0.01	123.75 9.18 0.00	137.27 9.28 0.00	111.85 6.91 0.00
HUDSON AVE_GT_5 23657	169.43 7.70 -49.18	114.40 6.34 -10.97	90.11 5.05 0.00	83.39 4.53 0.00	87.45 4.73 0.00	133.85 7.89 0.00	205.07 9.71 -48.96	198.88 7.95 -80.15	184.21 9.15 -48.13	156.42 8.68 -25.11	123.71 5.87 -35.61	98.03 4.70 -29.71	94.60 4.46 -30.83	111.63 4.49 -47.45	101.11 5.22 -31.61	147.13 7.77 -43.90	236.30 13.79 -136.38	313.65 13.79 -135.02	187.79 9.99 -59.72	148.08 11.08 0.00	128.06 9.69 0.01	123.75 9.18 0.00	137.27 9.28 0.00	111.85 6.91 0.00
HUDSON_AVE_10 24168	169.50 7.21 -49.74	113.99 5.93 -10.97	89.75 4.69 0.00	83.03 4.17 0.00	87.01 4.29 0.00	133.24 7.28 0.00	204.31 8.95 -48.96	198.34 7.42 -80.15	183.58 8.53 -48.13	155.74 8.00 -25.11	123.28 5.44 -35.61	97.67 4.34 -29.71	94.29 4.15 -30.83	111.32 4.18 -47.45	100.78 4.89 -31.61	146.62 7.26 -43.90	236.11 7.43 -136.59	312.94 13.09 -135.02	187.26 9.45 -59.72	147.46 10.46 0.00	127.57 9.20 0.01	123.29 8.71 0.00	136.74 8.76 0.00	111.39 6.44 0.00
HUDSON___115KV_TB 4 355613	136.78 5.28 -18.94	105.47 4.15 -4.23	88.76 3.69 0.00	82.61 3.75 0.00	86.55 3.83 0.00	132.10 6.14 0.00	172.99 7.74 -18.86	147.45 5.81 -30.86	152.25 6.69 -18.62	138.50 6.15 -9.72	100.01 4.00 -13.78	78.52 3.48 -11.42	74.03 3.18 -11.54	81.11 3.66 -17.77	80.09 4.02 -11.80	117.15 5.37 -16.32	147.99 5.16 -50.74	224.47 9.32 -50.31	146.93 6.59 -22.26	144.76 7.76 0.00	125.31 6.93 0.00	121.72 7.15 0.00	135.41 7.43 0.00	110.87 5.92 0.00
HUNTER MOUNT___DRP 323613	142.73 5.82 -24.36	107.10 4.58 -5.43	89.22 4.15 0.00	83.11 4.26 0.00	87.08 4.36 0.00	132.91 6.96 0.00	179.47 8.83 -24.25	157.10 6.62 -39.70	158.65 7.67 -24.05	142.20 7.02 -12.55	104.53 4.50 -17.80	82.32 4.01 -14.69	77.73 3.76 -14.67	86.56 4.31 -22.57	83.86 4.62 -14.97	122.37 6.25 -20.66	162.32 6.02 -64.20	239.36 10.90 -63.62	153.95 7.72 -28.15	146.05 9.04 0.00	126.41 8.02 0.00	122.68 8.11 0.00	136.40 8.42 0.00	111.70 6.75 0.00
HUNTINGTON_RES_REC 323705	169.67 8.90 -48.21	115.61 7.57 -10.95	91.30 6.24 0.00	84.64 5.78 0.00	88.69 5.98 0.00	135.26 9.29 0.00	205.96 10.68 -48.88	198.86 8.07 -80.01	183.64 8.67 -48.04	156.51 8.81 -25.07	124.50 6.72 -35.55	98.62 5.33 -29.66	94.68 4.59 -30.78	112.00 4.93 -47.38	102.15 6.32 -31.56	149.00 9.71 -43.83	236.25 8.34 -135.83	313.12 13.49 -134.79	188.20 10.50 -59.62	149.43 12.42 0.00	130.07 11.70 0.01	125.86 10.94 0.00	138.92 10.94 0.00	114.05 9.10 0.00
HUNTLEY___63 23557	104.50 -8.06 0.00	92.00 -5.09 0.00	81.15 -3.92 0.00	75.02 -3.83 0.00	78.62 -4.10 0.00	116.56 -9.40 0.00	133.58 -12.81 0.00	98.57 -10.34 1.87	109.64 -11.94 5.34	106.27 -10.75 5.61	63.16 -7.13 11.94	47.24 -5.53 10.86	49.88 -5.67 3.75	50.61 -5.94 3.14	53.65 -6.80 3.81	86.10 -9.26 0.09	85.09 -7.12 -0.11	153.10 -11.76 -0.02	109.30 -9.94 -1.16	124.72 -12.29 0.00	108.45 -11.41 -1.48	101.61 -12.00 0.96	117.40 -10.58 0.00	99.18 -5.77 0.00
HUNTLEY___64 23558	104.50 -8.06 0.00	92.00 -5.09 0.00	81.15 -3.92 0.00	75.02 -3.83 0.00	78.62 -4.10 0.00	116.56 -9.40 0.00	133.58 -12.81 0.00	98.57 -10.34 1.87	109.64 -11.94 5.34	106.27 -10.75 5.61	63.16 -7.13 11.94	47.24 -5.53 10.86	49.88 -5.67 3.75	50.61 -5.94 3.14	53.65 -6.80 3.81	86.10 -9.26 0.09	85.09 -7.12 -0.11	153.10 -11.76 -0.02	109.30 -9.94 -1.16	124.72 -12.29 0.00	108.45 -11.41 -1.48	101.61 -12.00 0.96	117.40 -10.58 0.00	99.18 -5.77 0.00
HUNTLEY___65 23559	104.50 -8.06 0.00	92.00 -5.09 0.00	81.15 -3.92 0.00	75.02 -3.83 0.00	78.62 -4.10 0.00	116.56 -9.40 0.00	133.58 -12.81 0.00	98.57 -10.34 1.87	109.64 -11.94 5.34	106.27 -10.75 5.61	63.16 -7.13 11.94	47.24 -5.53 10.86	49.88 -5.67 3.75	50.61 -5.94 3.14	53.65 -6.80 3.81	86.10 -9.26 0.09	85.09 -7.12 -0.11	153.10 -11.76 -0.02	109.30 -9.94 -1.16	124.72 -12.29 0.00	108.45 -11.41 -1.48	101.61 -12.00 0.96	117.40 -10.58 0.00	99.18 -5.77 0.00
HUNTLEY___66 23560	104.50 -8.06 0.00	92.00 -5.09 0.00	81.15 -3.92 0.00	75.02 -3.83 0.00	78.62 -4.10 0.00	116.56 -9.40 0.00	133.58 -12.81 0.00	98.57 -10.34 1.87	109.64 -11.94 5.34	106.27 -10.75 5.61	63.16 -7.13 11.94	47.24 -5.53 10.86	49.88 -5.67 3.75	50.61 -5.94 3.14	53.65 -6.80 3.81	86.10 -9.26 0.09	85.09 -7.12 -0.11	153.10 -11.76 -0.02	109.30 -9.94 -1.16	124.72 -12.29 0.00	108.45 -11.41 -1.48	101.61 -12.00 0.96	117.40 -10.58 0.00	99.18 -5.77 0.00



HUNTLEY___67 23561	104.71 -7.85 0.00	92.03 -5.06 0.00	81.26 -3.81 0.00	75.09 -3.77 0.00	78.69 -4.02 0.00	116.72 -9.24 0.00	134.32 -12.07 0.00	98.80 -9.68 2.30	108.48 -11.24 7.20	106.06 -10.19 6.38	63.55 -6.73 11.95	46.95 -5.28 11.40	50.60 -5.30 3.40	51.19 -5.62 2.87	54.40 -6.46 3.42	86.03 -9.30 0.13	84.96 -7.09 0.04	153.07 -11.76 0.01	107.83 -9.81 0.45	124.89 -12.11 0.00	105.74 -11.27 1.38	101.70 -11.83 1.04	117.31 -10.68 0.00	98.62 -6.33 0.00
HUNTLEY___68 23562	104.71 -7.85 0.00	92.03 -5.06 0.00	81.26 -3.81 0.00	75.09 -3.77 0.00	78.69 -4.02 0.00	116.72 -9.24 0.00	134.32 -12.07 0.00	98.80 -9.68 2.30	108.48 -11.24 7.20	106.06 -10.19 6.38	63.55 -6.73 11.95	46.95 -5.28 11.40	50.60 -5.30 3.40	51.19 -5.62 2.87	54.40 -6.46 3.42	86.03 -9.30 0.13	84.96 -7.09 0.04	153.07 -11.76 0.01	107.83 -9.81 0.45	124.89 -12.11 0.00	105.74 -11.27 1.38	101.70 -11.83 1.04	117.31 -10.68 0.00	98.62 -6.33 0.00
HYLAND___LFG 323620	109.20 -3.18 0.17	94.86 -1.83 0.40	83.39 -1.13 0.54	77.08 -1.12 0.66	81.06 -1.27 0.39	121.83 -3.88 0.26	142.09 -3.66 0.65	115.42 -2.28 -6.93	139.32 -4.63 -17.01	125.45 -4.58 -7.39	116.89 -3.68 -38.34	106.54 -3.11 -46.02	68.16 -4.94 -13.79	65.07 -4.90 -10.29	73.15 -6.11 -14.98	86.84 -6.62 2.00	81.38 -2.56 8.16	161.68 0.07 3.22	117.18 -0.45 0.45	135.35 -1.29 0.36	115.19 -2.16 1.03	108.16 -3.63 2.79	122.80 -3.34 1.84	98.86 -2.04 4.04
INDECK___CORINTH 23802	129.77 4.54 -12.67	104.05 4.13 -2.83	88.60 3.53 0.00	82.21 3.35 0.00	86.41 3.70 0.00	132.22 6.26 0.00	166.49 7.48 -12.61	137.08 5.72 -20.59	145.81 6.55 -12.33	134.82 5.76 -6.43	94.95 3.60 -9.12	74.19 2.96 -7.60	70.18 3.01 -7.86	75.04 3.26 -12.10	75.79 3.46 -8.06	111.87 5.23 -11.19	132.26 5.34 -34.82	208.88 9.42 -34.62	140.38 6.99 -15.31	145.52 8.52 0.00	125.74 7.36 0.00	121.40 6.83 0.00	134.99 7.01 0.00	110.08 5.14 0.00
INDECK___ILION 23567	114.28 1.72 0.00	98.39 1.30 0.00	86.15 1.08 0.00	79.99 1.13 0.00	83.92 1.21 0.00	128.13 2.17 0.00	148.25 1.85 0.00	111.94 1.16 0.00	128.20 1.27 0.00	123.81 1.18 0.00	83.61 1.38 0.00	64.77 1.15 0.00	60.48 1.17 0.00	60.98 1.30 0.00	65.76 1.49 0.00	97.30 1.84 0.00	93.98 1.89 0.00	168.48 3.65 0.00	120.87 2.78 0.00	140.44 3.44 0.00	121.48 3.09 0.00	117.70 3.12 0.00	131.06 3.08 0.00	107.20 2.25 0.00
INDECK___OLEAN 23982	110.60 -0.31 1.65	94.46 1.17 3.80	81.34 1.42 5.15	73.88 1.25 6.22	79.90 0.85 3.67	121.45 -2.07 2.44	137.56 -2.73 6.10	102.20 -2.19 6.38	105.98 -2.70 18.25	80.16 -0.94 41.52	55.18 0.09 27.14	61.77 -0.37 1.49	52.48 -0.65 6.17	50.37 -0.74 8.58	59.51 -1.23 3.53	87.54 -1.54 6.38	69.91 -1.45 20.74	148.11 -2.33 15.69	111.46 -2.89 4.30	130.66 -3.20 3.45	106.36 -3.68 8.82	98.10 -1.75 12.80	108.83 -1.75 17.40	66.74 0.14 38.35
INDECK___OSWEGO 23783	107.76 -4.80 0.00	92.94 -4.15 0.00	81.46 -3.61 0.00	75.52 -3.34 0.00	79.26 -3.46 0.00	120.72 -5.24 0.00	140.52 -5.88 0.00	106.63 -4.14 0.00	122.33 -4.60 0.00	118.15 -4.48 0.00	79.26 -2.97 0.00	61.34 -2.29 0.00	57.16 -2.15 0.00	57.51 -2.17 0.00	61.96 -2.31 0.00	92.04 -3.42 0.00	89.16 -2.93 0.00	159.69 -5.14 0.00	114.23 -3.85 0.00	132.51 -4.49 0.00	114.33 -4.05 0.00	110.46 -4.11 0.00	123.32 -4.66 0.00	101.20 -3.75 0.00
INDECK___YERKES 23781	103.36 -8.12 1.08	89.51 -5.10 2.49	77.75 -3.95 3.37	70.94 -3.85 4.08	76.21 -4.11 2.40	114.95 -9.41 1.60	129.63 -12.86 3.91	94.92 -10.27 5.58	98.67 -11.65 16.61	78.94 -10.37 33.31	45.74 -6.92 29.57	47.56 -5.21 10.86	45.69 -5.61 8.01	44.71 -5.92 9.06	51.24 -6.77 6.26	81.77 -9.09 4.59	70.18 -7.37 14.54	142.62 -11.68 10.53	106.48 -9.94 1.65	122.41 -12.33 2.26	102.90 -11.50 3.99	94.10 -12.03 8.45	106.05 -10.55 11.38	74.21 -5.65 25.08
INDIAN POINT_GT_1 24139	171.62 6.75 -52.30	114.29 5.54 -11.66	89.46 4.40 0.00	82.82 3.96 0.00	86.92 4.20 0.00	133.12 7.16 0.00	207.36 8.89 -52.07	203.17 7.15 -85.24	186.23 8.11 -51.19	156.95 7.60 -26.71	125.29 5.18 -37.88	99.39 4.16 -31.60	96.06 3.95 -32.81	114.20 4.02 -50.49	102.61 4.70 -33.64	149.21 7.05 -46.71	244.27 7.08 -145.10	321.02 12.54 -143.64	190.71 9.10 -63.53	146.97 9.97 0.00	127.11 8.73 0.01	122.74 8.16 0.00	136.20 8.22 0.00	111.12 6.17 0.00
INDIAN POINT_GT_2 23659	171.62 6.75 -52.30	114.29 5.54 -11.66	89.46 4.40 0.00	82.82 3.96 0.00	86.92 4.20 0.00	133.12 7.16 0.00	207.36 8.89 -52.07	203.17 7.15 -85.24	186.23 8.11 -51.19	156.95 7.60 -26.71	125.29 5.18 -37.88	99.39 4.16 -31.60	96.06 3.95 -32.81	114.20 4.02 -50.49	102.61 4.70 -33.64	149.21 7.05 -46.71	244.27 7.08 -145.10	321.02 12.54 -143.64	190.71 9.10 -63.53	146.97 9.97 0.00	127.11 8.73 0.01	122.74 8.16 0.00	136.20 8.22 0.00	111.12 6.17 0.00
INDIAN POINT_GT_3 24019	171.62 6.75 -52.30	114.29 5.54 -11.66	89.46 4.40 0.00	82.82 3.96 0.00	86.92 4.20 0.00	133.12 7.16 0.00	207.36 8.89 -52.07	203.17 7.15 -85.24	186.23 8.11 -51.19	156.95 7.60 -26.71	125.29 5.18 -37.88	99.39 4.16 -31.60	96.06 3.95 -32.81	114.20 4.02 -50.49	102.61 4.70 -33.64	149.21 7.05 -46.71	244.27 7.08 -145.10	321.02 12.54 -143.64	190.71 9.10 -63.53	146.97 9.97 0.00	127.11 8.73 0.01	122.74 8.16 0.00	136.20 8.22 0.00	111.12 6.17 0.00
INDIAN POINT___2 23530	174.92 6.53 -55.83	114.92 5.38 -12.45	89.32 4.26 0.00	82.71 3.85 0.00	86.80 4.09 0.00	132.93 6.97 0.00	210.60 8.62 -55.59	208.74 6.96 -91.00	189.46 7.87 -54.66	158.48 7.33 -28.52	127.70 5.02 -40.45	101.41 4.04 -33.75	98.20 3.84 -35.05	117.54 3.90 -53.95	104.79 4.58 -35.94	152.23 6.86 -49.91	254.02 6.91 -155.02	330.49 12.21 -153.45	194.76 8.81 -67.87	146.66 9.66 0.00	126.83 8.46 0.01	122.51 7.94 0.00	135.94 7.97 0.00	110.91 5.96 0.00
INDIAN POINT___3 23531	171.47 6.63 -52.28	114.20 5.45 -11.66	89.39 4.33 0.00	82.77 3.91 0.00	86.86 4.14 0.00	133.05 7.09 0.00	207.20 8.76 -52.05	203.06 7.07 -85.21	186.10 8.00 -51.17	156.82 7.49 -26.70	125.22 5.13 -37.86	99.32 4.12 -31.58	95.96 3.90 -32.76	114.07 3.97 -50.42	102.50 4.64 -33.59	149.05 6.95 -46.65	243.97 6.99 -144.89	320.65 12.38 -143.43	190.46 8.94 -63.44	146.81 9.81 0.00	126.95 8.58 0.01	122.62 8.04 0.00	136.09 8.11 0.00	111.02 6.07 0.00
INGHAM_C_115KV_TB7 356103	115.52 2.96 0.00	99.30 2.20 0.00	86.87 1.81 0.00	80.71 1.85 0.00	84.77 2.06 0.00	129.77 3.81 0.00	154.68 8.29 0.00	117.67 6.89 0.00	134.14 7.21 0.00	127.96 5.33 0.00	84.69 2.46 0.00	65.41 1.78 0.00	61.35 2.04 0.00	61.99 2.30 0.00	66.88 2.61 0.00	98.42 2.97 0.00	95.12 3.03 0.00	170.75 5.91 0.00	122.63 4.55 0.00	142.85 5.84 0.00	123.75 5.36 0.00	120.17 5.59 0.00	133.42 5.44 0.00	108.93 3.98 0.00
IP CORINTH___1 23988	130.41 5.18 -12.67	104.57 4.65 -2.83	89.08 4.01 0.00	82.66 3.81 0.00	86.88 4.16 0.00	132.92 6.96 0.00	167.31 8.29 -12.61	137.72 6.36 -20.59	146.51 7.26 -12.33	135.52 6.45 -6.43	95.40 4.05 -9.12	74.56 3.34 -7.60	70.51 3.34 -7.86	75.38 3.60 -12.10	76.15 3.82 -8.06	112.42 5.77 -11.19	132.77 5.85 -34.82	209.84 10.39 -34.62	141.06 7.66 -15.31	146.31 9.30 0.00	126.39 8.00 0.00	122.04 7.47 0.00	135.70 7.72 0.00	110.70 5.75 0.00

IP__TICONDEROGA 23804	134.80 9.50 -12.75	109.55 9.61 -2.84	93.57 8.51 0.00	86.76 7.90 0.00	91.46 8.74 0.00	139.95 13.99 0.00	176.07 16.98 -12.69	144.63 13.13 -20.72	154.85 15.51 -12.41	142.03 12.93 -6.48	99.49 8.08 -9.18	77.04 5.77 -7.65	73.05 5.83 -7.91	77.88 6.02 -12.18	78.99 6.61 -8.11	117.43 10.71 -11.26	138.34 11.21 -35.04	219.36 19.69 -34.84	148.25 14.75 -15.41	155.55 18.54 0.00	134.60 16.21 0.00	129.17 14.59 0.00	143.12 15.13 0.00	116.20 11.26 0.00
ISLIP_RES_REC 323679	171.19 10.41 -48.22	117.01 8.97 -10.95	92.57 7.51 0.00	85.82 6.96 0.00	89.95 7.24 0.00	137.20 11.24 0.00	208.05 12.78 -48.88	200.42 9.63 -80.01	185.47 10.50 -48.04	158.32 10.62 -25.07	125.74 7.96 -35.55	99.49 6.21 -29.66	95.42 5.33 -30.78	112.78 5.72 -47.38	103.12 7.29 -31.56	150.55 11.27 -43.83	237.65 9.73 -135.83	315.54 15.91 -134.79	190.19 12.49 -59.62	151.78 14.78 0.00	131.89 13.52 0.01	127.53 12.95 0.00	140.61 12.63 0.00	115.56 10.61 0.00
JAMAICA__27_KV_LOAD 355505	170.17 7.75 -49.86	114.52 6.46 -10.97	90.21 5.14 0.00	83.39 4.54 0.00	87.23 4.51 0.00	133.69 7.73 0.00	204.73 9.38 -48.96	198.83 7.91 -80.15	184.16 9.10 -48.13	156.15 8.41 -25.11	123.55 5.71 -35.61	97.83 4.50 -29.71	94.50 4.36 -30.83	111.48 4.35 -47.45	100.94 5.06 -31.61	146.90 7.53 -43.90	236.70 7.97 -136.64	313.98 14.12 -135.02	188.00 10.19 -59.72	148.35 11.35 0.00	128.42 10.05 0.01	124.11 9.54 0.00	137.62 9.64 0.00	112.01 7.06 0.00
JANIS__SOLAR 323808	118.08 5.25 -0.27	102.20 4.48 -0.63	89.81 3.89 -0.86	83.41 3.52 -1.04	87.24 3.91 -0.61	132.46 6.09 -0.41	155.10 7.69 -1.01	114.88 3.28 -0.83	132.59 4.19 -1.48	130.16 3.88 -3.64	87.11 2.57 -2.32	65.39 1.76 0.00	61.31 1.44 -0.56	61.83 1.37 -0.78	65.96 1.37 -0.32	98.35 2.08 -0.82	93.81 4.29 2.57	174.82 10.99 1.01	126.84 8.04 -0.72	146.80 9.22 -0.58	126.89 7.19 -1.32	125.13 6.16 -4.40	137.94 7.06 -2.90	117.34 6.00 -6.39
JARVIS____ 23743	113.03 0.47 0.00	97.46 0.37 0.00	85.33 0.26 0.00	79.15 0.29 0.00	83.03 0.32 0.00	126.59 0.63 0.00	147.21 0.82 0.00	111.37 0.59 0.00	127.61 0.68 0.00	123.28 0.65 0.00	82.73 0.50 0.00	64.07 0.45 0.00	59.73 0.42 0.00	60.13 0.44 0.00	64.83 0.55 0.00	96.19 0.74 0.00	92.84 0.74 0.00	166.15 1.31 0.00	119.02 0.94 0.00	138.18 1.18 0.00	119.45 1.06 0.00	115.65 1.08 0.00	128.99 1.01 0.00	105.70 0.75 0.00
JENNISON__1 23625	112.45 5.83 5.93	100.76 4.99 1.32	89.32 4.26 0.00	82.62 3.76 0.00	87.01 4.29 0.00	132.91 6.95 0.00	149.57 9.15 5.98	103.99 9.42 16.20	122.58 10.00 14.36	124.28 9.14 7.49	77.49 5.89 10.62	58.73 3.96 8.86	53.06 2.93 9.18	48.31 2.75 14.13	57.56 2.70 9.41	86.15 3.75 13.06	64.18 4.55 32.46	158.36 9.88 16.35	118.55 7.67 7.21	145.73 8.72 0.00	124.43 6.11 0.07	120.89 5.60 -0.71	135.29 7.31 0.00	111.33 6.38 0.00
JENNISON__2 23626	112.45 5.83 5.93	100.76 4.99 1.32	89.32 4.26 0.00	82.62 3.76 0.00	87.01 4.29 0.00	132.91 6.95 0.00	149.57 9.15 5.98	103.99 9.42 16.20	122.58 10.00 14.36	124.28 9.14 7.49	77.49 5.89 10.62	58.73 3.96 8.86	53.06 2.93 9.18	48.31 2.75 14.13	57.56 2.70 9.41	86.15 3.75 13.06	64.18 4.55 32.46	158.36 9.88 16.35	118.55 7.67 7.21	145.73 8.72 0.00	124.43 6.11 0.07	120.89 5.60 -0.71	135.29 7.31 0.00	111.33 6.38 0.00
JERICHO_RISE_WT_PWR 323719	114.42 1.86 0.00	98.95 1.86 0.00	86.84 1.77 0.00	80.39 1.53 0.00	83.97 1.25 0.00	127.42 1.46 0.00	147.68 1.28 0.00	111.93 1.16 0.00	128.16 1.23 0.00	123.97 1.34 0.00	82.85 0.62 0.00	63.76 0.13 0.00	59.79 0.48 0.00	60.01 0.33 0.00	64.24 -0.03 0.00	95.02 -0.44 0.00	91.33 -0.76 0.00	163.52 -1.31 0.00	117.20 -0.89 0.00	135.40 -1.60 0.00	116.93 -1.45 0.00	113.32 -1.26 0.00	127.05 -0.93 0.00	104.28 -0.67 0.00
KATONAH__115KV_46KV_TB4 355592	166.36 7.83 -45.97	113.81 6.47 -10.25	90.30 5.23 0.00	83.61 4.75 0.00	87.74 5.03 0.00	134.51 8.54 0.00	202.76 10.59 -45.77	194.22 8.52 -74.92	181.57 9.67 -44.98	155.22 9.12 -23.47	121.68 6.17 -33.28	96.27 4.87 -27.77	92.73 4.59 -28.83	108.73 4.68 -44.37	99.23 5.40 -29.56	144.60 8.08 -41.06	227.79 8.15 -127.55	305.71 14.60 -126.28	184.55 10.61 -55.86	148.78 11.77 0.00	128.55 10.18 0.01	124.12 9.54 0.00	137.69 9.71 0.00	112.26 7.32 0.00
KCE_NY_1 323755	131.35 5.93 -12.86	105.03 5.07 -2.87	89.43 4.36 0.00	82.92 4.06 0.00	87.08 4.36 0.00	133.24 7.27 0.00	167.96 8.76 -12.80	138.29 6.60 -20.91	146.94 7.49 -12.52	135.95 6.79 -6.53	95.87 4.37 -9.26	74.98 3.63 -7.72	70.81 3.52 -7.98	75.73 3.76 -12.29	76.54 4.09 -8.18	112.84 6.02 -11.36	133.42 5.97 -35.36	210.32 10.34 -35.14	141.24 7.60 -15.55	146.13 9.13 0.00	126.34 7.95 0.00	122.18 7.60 0.00	135.85 7.87 0.00	111.04 6.09 0.00
KCE_NY_6_ESR 323823	105.79 -5.57 1.19	91.33 -3.01 2.75	79.37 -1.96 3.73	72.17 -2.18 4.51	77.76 -2.30 2.66	117.63 -6.56 1.77	133.12 -8.83 4.44	97.25 -6.89 6.63	98.50 -7.99 20.43	77.45 -6.93 38.24	46.12 -4.50 31.61	49.22 -3.64 10.76	47.61 -3.97 7.73	46.11 -4.38 9.19	53.59 -5.03 5.65	83.43 -6.91 5.12	70.69 -5.10 16.30	145.61 -7.52 11.70	108.10 -6.87 3.11	125.71 -8.79 2.50	103.48 -8.31 6.59	95.97 -9.22 9.39	107.65 -7.73 12.60	72.92 -4.27 27.76
KEDC_PORT_JEFF_GT2 24210	170.57 9.81 -48.21	116.47 8.43 -10.95	92.12 7.05 0.00	85.36 6.50 0.00	89.47 6.75 0.00	136.41 10.44 0.00	207.10 11.82 -48.88	199.67 8.88 -80.01	184.24 9.26 -48.04	157.33 9.63 -25.07	125.19 7.41 -35.55	99.11 5.82 -29.66	95.12 5.03 -30.78	112.44 5.38 -47.38	102.71 6.88 -31.56	149.90 10.61 -43.83	236.61 8.69 -135.83	313.40 13.77 -134.79	188.65 10.95 -59.62	150.37 13.37 0.00	131.12 12.76 0.01	126.83 12.26 0.00	139.88 11.90 0.00	114.96 10.01 0.00
KEDC_PORT_JEFF_GT3 24211	170.57 9.81 -48.21	116.47 8.43 -10.95	92.12 7.05 0.00	85.36 6.50 0.00	89.47 6.75 0.00	136.41 10.44 0.00	207.10 11.82 -48.88	199.67 8.88 -80.01	184.24 9.26 -48.04	157.33 9.63 -25.07	125.19 7.41 -35.55	99.11 5.82 -29.66	95.12 5.03 -30.78	112.44 5.38 -47.38	102.71 6.88 -31.56	149.90 10.61 -43.83	236.61 8.69 -135.83	313.40 13.77 -134.79	188.65 10.95 -59.62	150.37 13.37 0.00	131.12 12.76 0.01	126.83 12.26 0.00	139.88 11.90 0.00	114.96 10.01 0.00
KEDC_GLWD_GT4 24219	169.61 7.96 -49.10	114.68 6.64 -10.95	90.40 5.34 0.00	83.75 4.90 0.00	87.85 5.13 0.00	134.34 8.38 0.00	205.42 10.15 -48.88	198.80 8.01 -80.01	183.66 8.68 -48.04	156.16 8.46 -25.07	123.76 5.98 -35.55	98.05 4.77 -29.66	94.49 4.40 -30.78	111.62 4.56 -47.38	101.29 5.45 -31.56	147.58 8.29 -43.83	236.31 8.06 -136.15	313.79 14.16 -134.79	187.80 10.10 -59.62	148.32 11.32 0.00	128.46 10.09 0.01	124.20 9.63 0.00	137.49 9.51 0.00	112.38 7.43 0.00
KEDC_GLWD_GT5 24220	169.61 7.96 -49.10	114.68 6.64 -10.95	90.40 5.34 0.00	83.75 4.90 0.00	87.85 5.13 0.00	134.34 8.38 0.00	205.42 10.15 -48.88	198.80 8.01 -80.01	183.66 8.68 -48.04	156.16 8.46 -25.07	123.76 5.98 -35.55	98.05 4.77 -29.66	94.49 4.40 -30.78	111.62 4.56 -47.38	101.29 5.45 -31.56	147.58 8.29 -43.83	236.31 8.06 -136.15	313.79 14.16 -134.79	187.80 10.10 -59.62	148.32 11.32 0.00	128.46 10.09 0.01	124.20 9.63 0.00	137.49 9.51 0.00	112.38 7.43 0.00

KENSICO____ 23655	169.81 7.14 -50.11	114.15 5.88 -11.17	89.77 4.71 0.00	83.11 4.25 0.00	87.20 4.48 0.00	133.55 7.59 0.00	205.64 9.36 -49.89	200.00 7.55 -81.67	184.55 8.57 -49.04	156.32 8.10 -25.59	124.04 5.52 -36.29	98.32 4.43 -30.27	94.92 4.19 -31.42	112.30 4.26 -48.36	101.44 4.95 -32.21	147.62 7.42 -44.74	238.49 7.42 -138.98	315.55 13.14 -137.58	188.44 9.51 -60.85	147.48 10.48 0.00	127.55 9.18 0.01	123.21 8.63 0.00	136.69 8.71 0.00	111.52 6.57 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	177.74 12.04 -53.14	118.96 10.01 -11.85	93.28 8.22 0.00	86.30 7.44 0.00	90.62 7.90 0.00	139.15 13.19 0.00	215.94 16.64 -52.90	210.92 13.45 -86.69	194.94 15.47 -52.54	164.62 14.58 -27.42	130.29 9.18 -38.88	103.24 7.07 -32.54	100.28 6.83 -34.15	119.16 6.92 -52.55	106.79 7.68 -34.84	155.31 11.78 -48.07	253.84 12.43 -149.32	335.39 22.76 -147.80	198.87 15.39 -65.40	152.38 15.37 0.00	131.55 13.18 0.01	126.70 12.12 0.00	140.47 12.49 0.00	114.44 9.50 0.00
KIAC_JFK_GT1 23816	169.78 7.35 -49.86	114.19 6.13 -10.97	89.92 4.86 0.00	83.11 4.25 0.00	86.95 4.23 0.00	133.26 7.30 0.00	204.15 8.80 -48.96	198.36 7.44 -80.15	183.62 8.56 -48.13	155.70 7.96 -25.11	123.25 5.41 -35.61	97.62 4.28 -29.71	94.27 4.13 -30.83	111.28 4.14 -47.45	100.71 4.83 -31.61	146.55 7.18 -43.90	236.34 7.61 -136.64	313.29 13.44 -135.02	187.51 9.71 -59.72	147.76 10.76 0.00	127.95 9.58 0.01	123.64 9.06 0.00	137.12 9.14 0.00	111.61 6.66 0.00
KIAC_JFK_GT2 23817	169.78 7.35 -49.86	114.19 6.13 -10.97	89.92 4.86 0.00	83.11 4.25 0.00	86.95 4.23 0.00	133.26 7.30 0.00	204.15 8.80 -48.96	198.36 7.44 -80.15	183.62 8.56 -48.13	155.70 7.96 -25.11	123.25 5.41 -35.61	97.62 4.28 -29.71	94.27 4.13 -30.83	111.28 4.14 -47.45	100.71 4.83 -31.61	146.55 7.18 -43.90	236.34 7.61 -136.64	313.29 13.44 -135.02	187.51 9.71 -59.72	147.76 10.76 0.00	127.95 9.58 0.01	123.64 9.06 0.00	137.12 9.14 0.00	111.61 6.66 0.00
KIAC_JFK____ 323774	169.76 7.34 -49.86	114.19 6.13 -10.97	89.91 4.85 0.00	83.10 4.24 0.00	86.93 4.22 0.00	133.25 7.29 0.00	204.15 8.80 -48.96	198.33 7.41 -80.15	183.61 8.55 -48.13	155.63 7.88 -25.11	123.25 5.40 -35.61	97.59 4.26 -29.71	94.28 4.14 -30.83	111.27 4.13 -47.45	100.71 4.83 -31.61	146.55 7.18 -43.90	236.35 7.62 -136.64	313.26 13.40 -135.02	187.47 9.67 -59.72	147.76 10.76 0.00	127.95 9.58 0.01	123.66 9.08 0.00	137.13 9.15 0.00	111.61 6.67 0.00
KINTIGH____ 23543	104.05 -8.51 0.00	91.05 -6.04 0.00	80.26 -4.81 0.00	74.25 -4.61 0.00	77.86 -4.86 0.00	116.07 -9.89 0.00	133.77 -12.62 0.00	99.60 -9.98 1.19	111.81 -11.47 3.64	108.49 -10.56 3.58	67.82 -6.89 7.52	51.25 -5.21 7.17	51.48 -5.25 2.58	51.94 -5.57 2.17	55.35 -6.32 2.60	86.13 -9.25 0.08	84.59 -7.45 0.05	152.25 -12.57 0.01	107.36 -10.22 0.50	124.62 -12.38 0.00	106.42 -11.38 0.59	101.99 -11.80 0.78	116.80 -11.18 0.00	97.89 -7.06 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	116.99 4.43 0.00	101.19 4.09 0.00	88.67 3.61 0.00	82.03 3.17 0.00	85.60 2.89 0.00	130.11 4.15 0.00	150.61 4.22 0.00	114.46 3.68 0.00	131.05 4.12 0.00	126.65 4.02 0.00	84.58 2.35 0.00	64.97 1.35 0.00	61.03 1.72 0.00	61.35 1.67 0.00	65.69 1.42 0.00	96.95 1.49 0.00	93.39 1.30 0.00	167.52 2.69 0.00	120.14 2.06 0.00	138.60 1.60 0.00	119.63 1.25 0.00	115.73 1.16 0.00	129.50 1.52 0.00	106.30 1.35 0.00
LACHUTE____HYDRO 323717	134.80 9.49 -12.75	109.55 9.61 -2.84	93.58 8.51 0.00	86.75 7.90 0.00	91.46 8.74 0.00	139.95 13.99 0.00	176.03 16.94 -12.69	144.60 13.11 -20.72	154.87 15.53 -12.41	142.05 12.95 -6.48	99.50 8.09 -9.18	77.06 5.78 -7.65	73.04 5.82 -7.91	77.88 6.02 -12.18	78.99 6.61 -8.11	117.44 10.73 -11.26	138.32 11.18 -35.04	219.34 19.67 -34.84	148.23 14.73 -15.41	155.55 18.54 0.00	134.60 16.21 0.00	129.17 14.59 0.00	143.11 15.13 0.00	116.21 11.26 0.00
LAWRNCV_115KV_TB1 80681	114.51 1.95 0.00	99.03 1.94 0.00	86.92 1.85 0.00	80.52 1.66 0.00	84.38 1.67 0.00	127.63 1.67 0.00	146.59 0.19 0.00	110.56 -0.22 0.00	126.60 -0.33 0.00	122.95 0.32 0.00	82.50 0.27 0.00	63.59 -0.03 0.00	60.12 0.81 0.00	59.83 0.15 0.00	64.01 -0.26 0.00	94.95 -0.51 0.00	90.92 -1.17 0.00	161.75 -3.09 0.00	115.40 -2.69 0.00	133.52 -3.48 0.00	115.35 -3.03 0.00	112.27 -2.30 0.00	127.31 -0.67 0.00	105.07 0.12 0.00
LEDERLE____ 23769	182.36 6.87 -62.94	116.79 5.66 -14.03	89.57 4.50 0.00	82.93 4.07 0.00	87.07 4.35 0.00	133.37 7.41 0.00	218.26 9.20 -62.66	220.81 7.42 -102.61	196.91 8.34 -61.64	162.61 7.81 -32.16	133.17 5.33 -45.61	105.98 4.29 -38.06	102.92 4.05 -39.56	124.71 4.14 -60.88	109.63 4.81 -40.55	159.00 7.23 -56.32	274.25 7.26 -174.90	350.86 12.93 -173.09	203.97 9.33 -76.56	147.23 10.23 0.00	127.31 8.94 0.01	122.92 8.34 0.00	136.37 8.39 0.00	111.22 6.28 0.00
LIGHTHSE_115KV_TB6 355974	110.67 -1.89 0.00	95.43 -1.66 0.00	83.61 -1.45 0.00	77.49 -1.37 0.00	81.39 -1.33 0.00	124.05 -1.91 0.00	144.37 -2.03 0.00	109.58 -1.20 0.00	125.66 -1.27 0.00	121.61 -1.02 0.00	81.56 -0.67 0.00	63.16 -0.47 0.00	58.95 -0.35 0.00	59.19 -0.50 0.00	63.76 -0.51 0.00	94.71 -0.74 0.00	91.79 -0.30 0.00	164.24 -0.59 0.00	117.65 -0.44 0.00	136.37 -0.63 0.00	117.73 -0.65 0.00	113.64 -0.93 0.00	126.83 -1.15 0.00	103.98 -0.96 0.00
LINDEN COGEN____ 23786	168.37 6.63 -49.18	113.49 5.44 -10.97	89.33 4.27 0.00	82.65 3.79 0.00	86.75 4.03 0.00	132.78 6.82 0.00	203.77 8.42 -48.96	197.84 6.92 -80.15	183.00 7.94 -48.13	155.14 7.40 -25.11	122.86 5.02 -35.61	81.75 4.01 -14.12	80.04 3.84 -16.90	103.63 3.88 -40.07	100.43 4.55 -31.61	146.17 6.80 -43.90	234.85 6.86 -135.90	310.84 12.02 -133.99	185.56 8.71 -58.76	146.62 9.63 0.01	126.80 8.43 0.02	122.55 7.97 0.01	135.89 7.91 0.00	110.78 5.83 0.00
LINDHRST_69_KV_BK1 356055	170.50 9.55 -48.40	116.09 8.05 -10.95	91.64 6.57 0.00	84.98 6.13 0.00	89.07 6.36 0.00	135.91 9.94 0.00	206.88 11.60 -48.88	199.65 8.85 -80.01	184.89 9.92 -48.04	157.67 9.96 -25.07	125.00 7.22 -35.55	99.04 5.76 -29.66	95.19 5.10 -30.78	112.41 5.35 -47.38	102.39 6.56 -31.56	149.50 10.21 -43.83	237.08 9.10 -135.89	314.86 15.24 -134.79	189.49 11.79 -59.62	150.62 13.62 0.00	130.85 12.48 0.01	126.67 12.09 0.00	139.76 11.78 0.00	114.66 9.71 0.00
LIPA_MISC_IPP 23656	170.58 9.82 -48.21	116.53 8.49 -10.95	92.23 7.16 0.00	85.49 6.63 0.00	89.60 6.89 0.00	136.66 10.69 0.00	207.22 11.94 -48.88	199.77 8.99 -80.01	184.94 9.96 -48.04	157.78 10.08 -25.07	125.23 7.45 -35.55	99.15 5.87 -29.66	95.06 4.97 -30.78	112.40 5.34 -47.38	102.72 6.89 -31.56	150.03 10.74 -43.83	237.13 9.22 -135.82	314.63 15.00 -134.79	189.80 12.10 -59.62	151.20 14.20 0.00	131.06 12.70 0.01	126.75 12.18 0.00	139.74 11.76 0.00	114.88 9.93 0.00
LISF____SOLAR 323691	170.75 9.99 -48.21	116.71 8.67 -10.95	92.39 7.33 0.00	85.61 6.75 0.00	89.74 7.02 0.00	136.87 10.91 0.00	207.50 12.23 -48.88	199.98 9.19 -80.01	185.14 10.16 -48.04	157.86 10.16 -25.07	125.33 7.55 -35.55	99.18 5.90 -29.66	95.10 5.01 -30.78	112.44 5.38 -47.38	102.82 6.99 -31.56	150.19 10.90 -43.83	237.29 9.38 -135.83	315.03 15.41 -134.79	190.06 12.36 -59.62	151.52 14.52 0.00	131.33 12.96 0.01	127.00 12.43 0.00	139.99 12.01 0.00	115.07 10.12 0.00

LITTLE FALLS___HYD 24013	115.52 2.96 0.00	99.30 2.20 0.00	86.87 1.81 0.00	80.71 1.85 0.00	84.77 2.06 0.00	129.77 3.81 0.00	154.68 8.29 0.00	117.67 6.89 0.00	134.14 7.21 0.00	127.96 5.33 0.00	84.69 2.46 0.00	65.41 1.78 0.00	61.35 2.04 0.00	61.99 2.30 0.00	66.88 2.61 0.00	98.42 2.97 0.00	95.12 3.03 0.00	170.75 5.91 0.00	122.63 4.55 0.00	142.85 5.84 0.00	123.75 5.36 0.00	120.17 5.59 0.00	133.42 5.44 0.00	108.93 3.98 0.00
LITTLRIV_115KV_TB1 356100	115.98 3.42 0.00	100.31 3.21 0.00	88.08 3.02 0.00	81.58 2.73 0.00	85.52 2.80 0.00	129.47 3.51 0.00	148.96 2.56 0.00	112.43 1.66 0.00	128.69 1.77 0.00	124.86 2.23 0.00	83.71 1.48 0.00	64.48 0.86 0.00	60.81 1.50 0.00	60.58 0.90 0.00	64.82 0.54 0.00	96.22 0.76 0.00	92.14 0.05 0.00	163.83 -1.00 0.00	116.80 -1.28 0.00	135.14 -1.86 0.00	116.71 -1.67 0.00	113.49 -1.09 0.00	128.79 0.81 0.00	106.41 1.46 0.00
LI_NEWBRDGE___DRP 323616	168.08 7.54 -47.99	114.33 6.29 -10.95	90.12 5.06 0.00	83.56 4.70 0.00	87.59 4.87 0.00	133.71 7.75 0.00	204.38 9.11 -48.88	197.89 7.10 -80.01	182.89 7.91 -48.04	155.70 8.00 -25.07	123.66 5.88 -35.55	98.02 4.74 -29.66	94.31 4.22 -30.78	111.50 4.44 -47.38	101.31 5.48 -31.56	147.68 8.39 -43.83	235.34 7.51 -135.74	312.18 12.55 -134.79	187.30 9.59 -59.62	148.00 10.99 0.00	128.49 10.12 0.01	124.34 9.77 0.00	137.46 9.48 0.00	112.64 7.70 0.00
LOCKPORT_115KV_TB60_63_64 80432	103.44 -9.12 0.00	90.96 -6.13 0.00	80.25 -4.81 0.00	74.20 -4.66 0.00	77.80 -4.92 0.00	115.42 -10.54 0.00	132.67 -13.72 0.00	98.34 -11.02 1.41	110.30 -12.56 4.06	106.75 -11.23 4.65	63.52 -7.57 11.13	46.73 -6.01 10.89	49.21 -6.05 4.05	49.98 -6.30 3.40	52.87 -7.30 4.10	84.98 -10.43 0.05	84.33 -8.13 -0.37	151.60 -13.31 -0.08	110.86 -11.00 -3.77	123.54 -13.46 0.00	112.02 -12.47 -6.11	100.74 -13.00 0.83	116.02 -11.96 0.00	97.61 -7.34 0.00
LOCKPORT___CC1 323769	102.04 -9.55 0.96	88.35 -6.51 2.22	76.92 -5.13 3.01	70.28 -4.94 3.64	75.33 -5.24 2.15	113.48 -11.05 1.43	128.58 -14.27 3.55	93.22 -11.38 6.18	94.47 -12.83 19.62	77.57 -11.39 33.67	43.92 -7.69 30.62	45.21 -5.91 12.51	44.34 -6.21 8.76	43.61 -6.55 9.53	49.68 -7.46 7.14	80.35 -10.64 4.46	68.62 -8.76 14.72	141.20 -13.86 9.78	89.70 -11.46 16.93	120.95 -14.02 2.03	75.02 -13.01 30.36	93.16 -13.46 7.95	105.31 -12.50 10.18	74.75 -7.77 22.42
LOCKPORT___CC2 323770	102.04 -9.55 0.96	88.35 -6.51 2.22	76.92 -5.13 3.01	70.28 -4.94 3.64	75.33 -5.24 2.15	113.48 -11.05 1.43	128.58 -14.27 3.55	93.22 -11.38 6.18	94.47 -12.83 19.62	77.57 -11.39 33.67	43.92 -7.69 30.62	45.21 -5.91 12.51	44.34 -6.21 8.76	43.61 -6.55 9.53	49.68 -7.46 7.14	80.35 -10.64 4.46	68.62 -8.76 14.72	141.20 -13.86 9.78	89.70 -11.46 16.93	120.95 -14.02 2.03	75.02 -13.01 30.36	93.16 -13.46 7.95	105.31 -12.50 10.18	74.75 -7.77 22.42
LOCKPORT___CC3 323771	102.04 -9.55 0.96	88.35 -6.51 2.22	76.92 -5.13 3.01	70.28 -4.94 3.64	75.33 -5.24 2.15	113.48 -11.05 1.43	128.58 -14.27 3.55	93.22 -11.38 6.18	94.47 -12.83 19.62	77.57 -11.39 33.67	43.92 -7.69 30.62	45.21 -5.91 12.51	44.34 -6.21 8.76	43.61 -6.55 9.53	49.68 -7.46 7.14	80.35 -10.64 4.46	68.62 -8.76 14.72	141.20 -13.86 9.78	89.70 -11.46 16.93	120.95 -14.02 2.03	75.02 -13.01 30.36	93.16 -13.46 7.95	105.31 -12.50 10.18	74.75 -7.77 22.42
LONG_LAKE_PHOENIX 24014	108.75 -3.81 0.00	93.81 -3.28 0.00	82.19 -2.87 0.00	76.22 -2.64 0.00	80.02 -2.70 0.00	121.82 -4.14 0.00	141.82 -4.57 0.00	107.64 -3.14 0.00	123.43 -3.50 0.00	119.20 -3.43 0.00	79.97 -2.26 0.00	61.89 -1.73 0.00	57.67 -1.64 0.00	58.03 -1.66 0.00	62.54 -1.73 0.00	92.90 -2.56 0.00	90.07 -2.02 0.00	161.44 -3.39 0.00	115.37 -2.72 0.00	133.80 -3.20 0.00	115.40 -2.98 0.00	111.42 -3.16 0.00	124.40 -3.58 0.00	102.12 -2.83 0.00
LOVETT___3 23632	179.58 6.34 -60.69	115.89 5.26 -13.53	89.21 4.14 0.00	82.58 3.72 0.00	86.71 3.99 0.00	132.77 6.81 0.00	215.28 8.47 -60.42	216.54 6.84 -98.93	194.02 7.67 -59.43	160.78 7.14 -31.01	131.09 4.89 -43.97	104.26 3.93 -36.69	101.18 3.74 -38.14	122.20 3.81 -58.70	107.86 4.48 -39.10	156.46 6.70 -54.30	267.49 6.76 -168.65	343.75 12.00 -166.92	200.57 8.66 -73.83	146.46 9.45 0.00	126.65 8.28 0.01	122.29 7.72 0.00	135.74 7.76 0.00	110.75 5.80 0.00
LOVETT___4 23642	179.58 6.34 -60.69	115.89 5.26 -13.53	89.21 4.14 0.00	82.58 3.72 0.00	86.71 3.99 0.00	132.77 6.81 0.00	215.28 8.47 -60.42	216.54 6.84 -98.93	194.02 7.67 -59.43	160.78 7.14 -31.01	131.09 4.89 -43.97	104.26 3.93 -36.69	101.18 3.74 -38.14	122.20 3.81 -58.70	107.86 4.48 -39.10	156.46 6.70 -54.30	267.49 6.76 -168.65	343.75 12.00 -166.92	200.57 8.66 -73.83	146.46 9.45 0.00	126.65 8.28 0.01	122.29 7.72 0.00	135.74 7.76 0.00	110.75 5.80 0.00
LOVETT___5 23593	179.58 6.34 -60.69	115.89 5.26 -13.53	89.21 4.14 0.00	82.58 3.72 0.00	86.71 3.99 0.00	132.77 6.81 0.00	215.28 8.47 -60.42	216.54 6.84 -98.93	194.02 7.67 -59.43	160.78 7.14 -31.01	131.09 4.89 -43.97	104.26 3.93 -36.69	101.18 3.74 -38.14	122.20 3.81 -58.70	107.86 4.48 -39.10	156.46 6.70 -54.30	267.49 6.76 -168.65	343.75 12.00 -166.92	200.57 8.66 -73.83	146.46 9.45 0.00	126.65 8.28 0.01	122.29 7.72 0.00	135.74 7.76 0.00	110.75 5.80 0.00
LOWER RAQUET___HYD 24057	114.57 2.02 0.00	99.04 1.96 0.00	86.96 1.90 0.00	80.57 1.71 0.00	84.42 1.70 0.00	127.62 1.66 0.00	146.55 0.15 0.00	110.50 -0.27 0.00	126.50 -0.43 0.00	122.90 0.27 0.00	82.53 0.30 0.00	63.65 0.03 0.00	60.31 1.01 0.00	59.90 0.22 0.00	64.10 -0.18 0.00	95.04 -0.41 0.00	91.00 -1.10 0.00	161.69 -3.15 0.00	115.27 -2.82 0.00	133.34 -3.67 0.00	115.19 -3.19 0.00	112.16 -2.41 0.00	127.29 -0.69 0.00	105.13 0.19 0.00
LOWER___HUDSON 24059	131.35 4.82 -13.98	104.20 3.99 -3.12	88.51 3.45 0.00	82.15 3.30 0.00	86.22 3.50 0.00	131.81 5.85 0.00	167.30 6.99 -13.91	138.59 5.07 -22.74	146.47 5.92 -13.63	135.19 5.45 -7.11	96.02 3.71 -10.08	75.23 3.20 -8.40	71.01 3.01 -8.69	76.20 3.15 -13.37	76.63 3.45 -8.91	112.53 4.71 -12.36	135.08 4.52 -38.46	211.00 7.98 -38.19	140.75 5.78 -16.89	143.94 6.94 0.00	124.63 6.25 0.00	120.83 6.26 0.00	134.33 6.35 0.00	109.87 4.93 0.00
LOWVILLE_115KV_TB2 356335	115.39 2.83 0.00	99.54 2.44 0.00	87.18 2.11 0.00	80.76 1.91 0.00	84.85 2.13 0.00	129.57 3.61 0.00	151.00 4.60 0.00	114.40 3.63 0.00	131.17 4.24 0.00	126.91 4.28 0.00	85.15 2.93 0.00	65.89 2.27 0.00	61.48 2.17 0.00	61.42 1.73 0.00	66.31 2.04 0.00	98.37 2.91 0.00	95.38 3.29 0.00	170.40 5.56 0.00	122.22 4.14 0.00	141.70 4.69 0.00	122.24 3.86 0.00	118.04 3.46 0.00	131.88 3.90 0.00	108.02 3.07 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	131.26 5.85 -12.86	104.96 5.00 -2.87	89.36 4.30 0.00	82.93 4.07 0.00	87.08 4.36 0.00	133.12 7.16 0.00	167.84 8.64 -12.80	138.17 6.49 -20.91	146.84 7.40 -12.52	135.85 6.69 -6.53	95.83 4.34 -9.26	74.95 3.60 -7.72	70.81 3.52 -7.98	75.70 3.73 -12.29	76.49 4.04 -8.18	112.74 5.92 -11.36	133.34 5.89 -35.36	210.32 10.34 -35.14	141.15 7.52 -15.55	145.99 8.98 0.00	126.22 7.83 0.00	122.05 7.48 0.00	135.75 7.77 0.00	110.95 6.01 0.00

LUTHERNY_35_KV_BK2 355980	131.35 5.93 -12.86	105.03 5.07 -2.87	89.43 4.37 0.00	82.93 4.07 0.00	87.08 4.36 0.00	133.24 7.28 0.00	167.98 8.78 -12.80	138.29 6.60 -20.91	146.93 7.48 -12.52	135.96 6.79 -6.53	95.87 4.38 -9.26	74.98 3.63 -7.72	70.81 3.52 -7.98	75.73 3.76 -12.29	76.55 4.09 -8.18	112.83 6.01 -11.36	133.43 5.98 -35.36	210.33 10.35 -35.14	141.23 7.61 -15.55	146.13 9.13 0.00	126.34 7.95 0.00	122.19 7.62 0.00	135.86 7.88 0.00	111.04 6.10 0.00
LWR___OSWEGATCHIE_HYD 23850	114.10 1.54 0.00	98.55 1.45 0.00	86.39 1.32 0.00	80.05 1.19 0.00	84.00 1.28 0.00	127.64 1.68 0.00	147.64 1.25 0.00	111.64 0.86 0.00	127.88 0.95 0.00	124.01 1.38 0.00	83.25 1.02 0.00	64.32 0.70 0.00	60.61 1.31 0.00	60.30 0.61 0.00	64.81 0.53 0.00	96.14 0.68 0.00	92.65 0.56 0.00	164.96 0.13 0.00	117.89 -0.19 0.00	136.54 -0.47 0.00	117.84 -0.55 0.00	114.26 -0.32 0.00	128.65 0.67 0.00	105.87 0.93 0.00
LYONS_FALL_HYD 23570	115.42 2.86 0.00	99.54 2.44 0.00	87.18 2.12 0.00	80.79 1.93 0.00	84.85 2.13 0.00	129.61 3.65 0.00	151.03 4.63 0.00	114.43 3.65 0.00	131.22 4.30 0.00	126.97 4.34 0.00	85.22 2.99 0.00	65.94 2.31 0.00	61.37 2.06 0.00	61.52 1.83 0.00	66.40 2.13 0.00	98.55 3.10 0.00	95.49 3.40 0.00	170.68 5.84 0.00	122.36 4.28 0.00	141.88 4.88 0.00	122.48 4.10 0.00	118.28 3.70 0.00	131.98 4.00 0.00	108.10 3.15 0.00
MADISON___COUNTY_LFGE 323628	115.53 2.97 0.00	99.75 2.66 0.00	87.37 2.31 0.00	81.03 2.17 0.00	85.18 2.47 0.00	130.09 4.13 0.00	151.74 5.35 0.00	115.04 4.26 0.00	131.99 5.06 0.00	127.65 5.02 0.00	85.67 3.45 0.00	66.22 2.59 0.00	61.44 2.13 0.00	61.89 2.20 0.00	66.73 2.45 0.00	99.21 3.76 0.00	96.15 4.06 0.00	171.49 6.66 0.00	122.92 4.84 0.00	142.60 5.60 0.00	123.06 4.68 0.00	118.73 4.15 0.00	132.34 4.36 0.00	108.32 3.38 0.00
MALONE___115KV_TB1 356076	116.06 3.50 0.00	100.34 3.25 0.00	88.07 3.00 0.00	81.58 2.72 0.00	85.34 2.63 0.00	129.34 3.38 0.00	149.48 3.08 0.00	113.56 2.79 0.00	130.11 3.19 0.00	125.94 3.30 0.00	84.27 2.04 0.00	64.86 1.24 0.00	61.17 1.87 0.00	61.19 1.50 0.00	65.43 1.16 0.00	96.70 1.25 0.00	93.19 1.10 0.00	166.85 2.01 0.00	119.24 1.16 0.00	137.81 0.80 0.00	118.85 0.47 0.00	115.16 0.58 0.00	129.40 1.42 0.00	106.43 1.48 0.00
MAPLEWOD_115KV_TB3 80458	130.47 4.07 -13.84	103.46 3.28 -3.09	87.93 2.87 0.00	81.76 2.90 0.00	85.65 2.94 0.00	130.82 4.86 0.00	166.04 5.87 -13.78	137.57 4.28 -22.51	145.37 4.95 -13.50	134.25 4.57 -7.04	95.39 3.18 -9.99	74.86 2.91 -8.32	70.64 2.74 -8.59	75.77 2.87 -13.22	76.21 3.13 -8.80	111.62 3.94 -12.22	133.85 3.74 -38.02	209.35 6.77 -37.75	139.57 4.79 -16.70	142.73 5.73 0.00	123.64 5.25 0.00	120.17 5.59 0.00	133.59 5.61 0.00	109.46 4.51 0.00
MAPLE_RIDGE_WT_1 323574	112.89 0.33 0.00	97.46 0.36 0.00	85.45 0.38 0.00	79.18 0.32 0.00	83.01 0.30 0.00	126.18 0.22 0.00	146.44 0.04 0.00	110.70 -0.08 0.00	126.81 -0.11 0.00	122.60 -0.03 0.00	82.12 -0.11 0.00	63.46 -0.17 0.00	59.18 -0.12 0.00	59.40 -0.28 0.00	63.91 -0.36 0.00	94.76 -0.69 0.00	91.39 -0.70 0.00	163.49 -1.35 0.00	117.15 -0.93 0.00	135.82 -1.19 0.00	117.36 -1.03 0.00	113.69 -0.89 0.00	127.31 -0.67 0.00	104.52 -0.43 0.00
MAPLE_RIDGE_WT_2 323611	112.89 0.33 0.00	97.46 0.36 0.00	85.45 0.38 0.00	79.18 0.32 0.00	83.01 0.30 0.00	126.18 0.22 0.00	146.44 0.04 0.00	110.70 -0.08 0.00	126.81 -0.11 0.00	122.60 -0.03 0.00	82.12 -0.11 0.00	63.46 -0.17 0.00	59.18 -0.12 0.00	59.40 -0.28 0.00	63.91 -0.36 0.00	94.76 -0.69 0.00	91.39 -0.70 0.00	163.49 -1.35 0.00	117.15 -0.93 0.00	135.82 -1.19 0.00	117.36 -1.03 0.00	113.69 -0.89 0.00	127.31 -0.67 0.00	104.52 -0.43 0.00
MARBLE_RIVER_WT_PWR 323696	114.61 2.06 0.00	99.10 2.01 0.00	86.94 1.88 0.00	80.43 1.58 0.00	84.06 1.34 0.00	127.58 1.63 0.00	147.91 1.51 0.00	112.09 1.32 0.00	128.34 1.41 0.00	124.12 1.49 0.00	82.98 0.75 0.00	63.84 0.21 0.00	59.89 0.58 0.00	60.14 0.45 0.00	64.37 0.10 0.00	95.20 -0.25 0.00	91.49 -0.61 0.00	163.77 -1.07 0.00	117.41 -0.67 0.00	135.60 -1.40 0.00	117.16 -1.23 0.00	113.53 -1.05 0.00	127.24 -0.74 0.00	104.39 -0.56 0.00
MARSHVLE_115KV_TB1 80742	127.52 6.49 -8.47	104.68 5.70 -1.89	90.11 5.05 0.00	83.29 4.44 0.00	87.53 4.81 0.00	133.50 7.54 0.00	163.82 9.00 -8.43	131.44 7.21 -13.46	142.78 8.06 -7.79	133.90 7.23 -4.04	92.79 4.81 -5.75	71.92 3.46 -4.84	67.29 2.99 -5.00	70.44 3.07 -7.69	72.70 3.31 -5.12	107.68 5.12 -7.11	120.44 5.84 -22.50	199.21 11.27 -23.11	136.36 8.05 -10.23	146.31 9.31 0.00	126.08 7.71 0.02	121.62 7.05 0.00	135.70 7.72 0.00	111.13 6.19 0.00
MARSH_HILL_WT_PWR 323713	109.22 -3.33 0.00	95.02 -2.07 0.00	83.84 -1.23 0.00	77.36 -1.50 0.00	80.63 -2.08 0.00	120.90 -5.06 0.00	141.67 -4.73 0.00	114.44 -3.60 -7.26	137.65 -7.26 -17.99	126.09 -6.79 -10.24	118.01 -4.62 -40.40	105.59 -4.26 -46.23	67.96 -5.80 -14.45	64.98 -5.79 -11.09	73.21 -6.52 -15.46	86.16 -7.72 1.59	80.76 -4.44 6.89	160.81 -2.22 1.81	116.59 -1.49 0.00	134.70 -2.30 0.00	115.16 -2.96 0.27	107.99 -4.03 2.56	123.95 -4.03 0.00	101.56 -3.39 0.00
MCINTYRE_115KV_TB2 80467	116.69 4.13 0.00	100.91 3.81 0.00	88.63 3.57 0.00	82.08 3.22 0.00	86.05 3.33 0.00	130.35 4.39 0.00	150.23 3.83 0.00	113.41 2.63 0.00	129.79 2.87 0.00	125.77 3.14 0.00	84.16 1.94 0.00	64.79 1.17 0.00	60.83 1.52 0.00	60.75 1.07 0.00	65.01 0.74 0.00	96.61 1.15 0.00	92.67 0.58 0.00	165.21 0.37 0.00	117.87 -0.21 0.00	136.39 -0.61 0.00	117.72 -0.66 0.00	114.38 -0.19 0.00	129.56 1.58 0.00	106.88 1.93 0.00
MECO_____69_KV_BK1 80468	130.28 7.90 -9.82	106.08 6.80 -2.19	91.01 5.95 0.00	84.23 5.37 0.00	88.56 5.84 0.00	135.23 9.28 0.00	167.62 11.44 -9.78	135.52 8.96 -15.78	146.00 9.77 -9.31	135.70 8.21 -4.85	94.63 5.51 -6.89	73.39 4.03 -5.74	69.25 4.01 -5.93	72.76 3.94 -9.13	74.65 4.30 -6.08	110.81 6.91 -8.44	126.37 7.76 -26.52	206.33 14.67 -26.83	140.37 10.42 -11.87	149.11 12.11 0.00	128.51 10.15 0.01	123.86 9.29 0.00	137.86 9.88 0.00	112.72 7.77 0.00
MENANDS___115KV_TB5 355628	129.99 3.51 -13.93	102.95 2.75 -3.11	87.49 2.42 0.00	81.37 2.52 0.00	85.23 2.52 0.00	130.15 4.19 0.00	165.27 5.01 -13.86	137.04 3.61 -22.66	144.70 4.18 -13.59	133.62 3.90 -7.09	95.07 2.79 -10.05	74.63 2.64 -8.38	70.46 2.51 -8.65	75.58 2.58 -13.31	75.94 2.80 -8.86	111.06 3.30 -12.30	133.43 3.09 -38.26	208.27 5.45 -37.98	138.75 3.87 -16.80	141.65 4.64 0.00	122.78 4.40 0.00	119.49 4.92 0.00	132.83 4.85 0.00	108.92 3.97 0.00
MG INDUSTRY___DRP 24185	132.14 3.02 -16.56	103.28 2.50 -3.69	87.30 2.23 0.00	81.17 2.31 0.00	85.05 2.33 0.00	129.73 3.76 0.00	167.33 4.44 -16.49	140.86 3.11 -26.97	146.79 3.62 -16.24	134.35 3.24 -8.48	96.54 2.29 -12.02	75.65 2.05 -9.98	71.55 2.08 -10.17	77.57 2.24 -15.64	77.08 2.40 -10.40	112.82 2.96 -14.40	139.59 2.72 -44.78	214.02 4.78 -44.41	141.15 3.42 -19.65	141.21 4.21 0.00	122.34 3.95 0.00	118.83 4.25 0.00	132.40 4.42 0.00	108.63 3.68 0.00

MID___OSWEGATCHIE_HYD 23849	114.10 1.54 0.00	98.55 1.45 0.00	86.39 1.32 0.00	80.05 1.19 0.00	84.00 1.28 0.00	127.64 1.68 0.00	147.64 1.25 0.00	111.64 0.86 0.00	127.88 0.95 0.00	124.01 1.38 0.00	83.25 1.02 0.00	64.32 0.70 0.00	60.61 1.31 0.00	60.30 0.61 0.00	64.81 0.53 0.00	96.14 0.68 0.00	92.65 0.56 0.00	164.96 0.13 0.00	117.89 -0.19 0.00	136.54 -0.47 0.00	117.84 -0.55 0.00	114.26 -0.32 0.00	128.65 0.67 0.00	105.87 0.93 0.00
MID___RAQUETTE_HYD 23851	114.56 2.01 0.00	99.04 1.95 0.00	86.96 1.90 0.00	80.57 1.71 0.00	84.41 1.70 0.00	127.62 1.66 0.00	146.51 0.12 0.00	110.47 -0.30 0.00	126.50 -0.43 0.00	122.91 0.28 0.00	82.54 0.31 0.00	63.65 0.03 0.00	60.32 1.01 0.00	59.90 0.22 0.00	64.10 -0.17 0.00	95.06 -0.40 0.00	90.98 -1.11 0.00	161.64 -3.19 0.00	115.21 -2.88 0.00	133.34 -3.67 0.00	115.18 -3.21 0.00	112.16 -2.42 0.00	127.29 -0.69 0.00	105.13 0.19 0.00
MILLIKEN___1 23584	113.97 1.41 0.00	98.31 1.22 0.00	86.19 1.13 0.00	79.86 1.01 0.00	83.90 1.18 0.00	127.54 1.58 0.00	148.78 2.38 0.00	112.82 2.05 0.00	129.97 3.04 0.00	125.53 2.90 0.00	84.31 2.08 0.00	64.96 1.34 0.00	60.46 1.15 0.00	60.78 1.10 0.00	65.36 1.09 0.00	96.71 1.26 0.00	94.35 2.26 0.00	169.64 4.81 0.00	121.43 3.34 0.00	140.95 3.94 0.00	121.35 3.02 0.05	119.67 2.20 -2.89	130.42 2.44 0.00	107.23 2.28 0.00
MILLIKEN___2 23585	113.97 1.41 0.00	98.31 1.22 0.00	86.19 1.13 0.00	79.86 1.01 0.00	83.90 1.18 0.00	127.54 1.58 0.00	148.78 2.38 0.00	112.82 2.05 0.00	129.97 3.04 0.00	125.53 2.90 0.00	84.31 2.08 0.00	64.96 1.34 0.00	60.46 1.15 0.00	60.78 1.10 0.00	65.36 1.09 0.00	96.71 1.26 0.00	94.35 2.26 0.00	169.64 4.81 0.00	121.43 3.34 0.00	140.95 3.94 0.00	121.35 3.02 0.05	119.67 2.20 -2.89	130.42 2.44 0.00	107.23 2.28 0.00
MILLIKEN___DIESEL 23629	113.97 1.41 0.00	98.31 1.22 0.00	86.19 1.13 0.00	79.86 1.01 0.00	83.90 1.18 0.00	127.54 1.58 0.00	148.78 2.38 0.00	112.82 2.05 0.00	129.97 3.04 0.00	125.53 2.90 0.00	84.31 2.08 0.00	64.96 1.34 0.00	60.46 1.15 0.00	60.78 1.10 0.00	65.36 1.09 0.00	96.71 1.26 0.00	94.35 2.26 0.00	169.64 4.81 0.00	121.43 3.34 0.00	140.95 3.94 0.00	121.35 3.02 0.05	119.67 2.20 -2.89	130.42 2.44 0.00	107.23 2.28 0.00
MILLSEAT___LFGE 323607	105.27 -6.41 0.88	91.04 -4.03 2.02	79.27 -3.06 2.74	72.54 -3.00 3.31	77.62 -3.15 1.95	117.27 -7.39 1.30	133.71 -9.46 3.22	99.09 -7.43 4.25	105.83 -8.22 12.88	88.30 -7.09 27.23	53.18 -4.90 24.15	50.65 -3.89 9.09	48.02 -4.31 6.98	47.12 -4.74 7.83	53.24 -5.53 5.49	84.32 -7.39 3.75	75.12 -5.19 11.79	148.82 -7.45 8.56	112.08 -6.84 -0.83	126.47 -8.70 1.84	110.77 -8.24 -0.63	98.77 -8.93 6.88	110.88 -7.85 9.26	80.23 -4.32 20.40
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	170.60 6.88 -51.17	114.15 5.64 -11.41	89.57 4.50 0.00	82.94 4.08 0.00	87.03 4.31 0.00	133.30 7.34 0.00	206.39 9.06 -50.94	201.48 7.31 -83.40	185.28 8.27 -50.08	156.54 7.78 -26.13	124.59 5.30 -37.06	98.80 4.26 -30.91	95.43 4.04 -32.09	113.17 4.10 -49.38	101.97 4.81 -32.90	148.30 7.15 -45.69	241.20 7.19 -141.91	318.05 12.73 -140.49	189.45 9.23 -62.14	147.15 10.15 0.00	127.24 8.87 0.01	122.93 8.35 0.00	136.40 8.42 0.00	111.28 6.33 0.00
MILLWOOD_13_KV_LOAD 356217	170.75 7.03 -51.17	114.30 5.79 -11.41	89.70 4.64 0.00	83.04 4.18 0.00	87.13 4.41 0.00	133.48 7.52 0.00	206.66 9.32 -50.94	201.66 7.49 -83.40	185.52 8.51 -50.08	156.75 7.99 -26.13	124.74 5.46 -37.06	98.90 4.36 -30.91	95.53 4.13 -32.09	113.27 4.20 -49.38	102.06 4.89 -32.90	148.48 7.33 -45.69	241.39 7.38 -141.91	318.37 13.05 -140.49	189.68 9.46 -62.14	147.40 10.40 0.00	127.48 9.11 0.01	123.12 8.55 0.00	136.61 8.62 0.00	111.43 6.48 0.00
MODEL_CITY_ENERGY 24167	101.06 -10.46 1.04	87.51 -7.18 2.40	76.12 -5.70 3.25	69.45 -5.48 3.93	74.60 -5.80 2.32	112.42 -12.00 1.54	127.08 -15.48 3.83	93.09 -12.35 5.34	97.01 -13.77 16.15	77.95 -12.20 32.47	45.28 -8.31 28.64	46.37 -6.43 10.82	44.64 -6.67 8.00	43.74 -6.92 9.03	50.09 -7.92 6.26	79.61 -11.44 4.41	68.53 -9.64 13.92	139.21 -15.50 10.13	104.46 -12.71 0.92	119.30 -15.53 2.18	101.41 -14.30 2.67	91.78 -14.67 8.12	103.31 -13.70 10.97	72.06 -8.71 24.18
MODERN_LFGE___ 323580	101.06 -10.46 1.04	87.51 -7.18 2.40	76.12 -5.70 3.25	69.45 -5.48 3.93	74.60 -5.80 2.32	112.42 -12.00 1.54	127.08 -15.48 3.83	93.09 -12.35 5.34	97.01 -13.77 16.15	77.95 -12.20 32.47	45.28 -8.31 28.64	46.37 -6.43 10.82	44.64 -6.67 8.00	43.74 -6.92 9.03	50.09 -7.92 6.26	79.61 -11.44 4.41	68.53 -9.64 13.92	139.21 -15.50 10.13	104.46 -12.71 0.92	119.30 -15.53 2.18	101.41 -14.30 2.67	91.78 -14.67 8.12	103.31 -13.70 10.97	72.06 -8.71 24.18
MOHAWK_PAPER___DRP 24187	130.47 4.07 -13.84	103.46 3.28 -3.09	87.93 2.87 0.00	81.76 2.90 0.00	85.65 2.94 0.00	130.82 4.86 0.00	166.04 5.87 -13.78	137.57 4.28 -22.51	145.37 4.95 -13.50	134.25 4.57 -7.04	95.39 3.18 -9.99	74.86 2.91 -8.32	70.64 2.74 -8.59	75.77 2.87 -13.22	76.21 3.13 -8.80	111.62 3.94 -12.22	133.85 3.74 -38.02	209.35 6.77 -37.75	139.57 4.79 -16.70	142.73 5.73 0.00	123.64 5.25 0.00	120.17 5.59 0.00	133.59 5.61 0.00	109.46 4.51 0.00
MOHICAN___35_KV_115KV_LD 80490	131.59 6.23 -12.80	105.54 5.60 -2.85	89.93 4.87 0.00	83.44 4.59 0.00	87.73 5.01 0.00	134.20 8.24 0.00	169.04 9.91 -12.74	139.12 7.55 -20.80	148.08 8.70 -12.45	136.80 7.67 -6.50	96.28 4.83 -9.22	75.19 3.89 -7.68	71.12 3.87 -7.94	76.07 4.16 -12.22	76.88 4.47 -8.14	113.51 6.75 -11.30	134.09 6.83 -35.17	211.86 12.06 -34.96	142.43 8.88 -15.47	147.76 10.76 0.00	127.67 9.29 0.00	123.26 8.68 0.00	136.97 8.99 0.00	111.70 6.75 0.00
MONGAUP___HYD 23641	-6.71 7.38 126.64	74.96 6.11 28.24	90.00 4.93 0.00	83.33 4.47 0.00	87.50 4.78 0.00	134.05 8.09 0.00	30.51 10.20 126.08	-86.86 8.21 205.84	12.94 9.13 123.12	66.70 8.31 64.24	-4.04 4.83 91.10	-8.14 4.21 75.98	-15.36 4.05 78.71	-57.54 3.92 121.15	-11.52 4.92 80.71	-9.09 7.56 112.11	-248.84 8.05 348.98	-167.55 14.66 347.05	-24.92 10.48 153.48	148.86 11.86 0.00	128.64 10.27 0.02	124.08 9.50 0.00	137.77 9.79 0.00	112.34 7.39 0.00
MONTAUK___DIESEL 23721	172.86 12.09 -48.21	119.32 11.29 -10.95	95.44 10.37 0.00	88.50 9.64 0.00	92.88 10.16 0.00	141.91 15.95 0.00	211.40 16.13 -48.88	202.63 11.84 -80.01	190.31 15.34 -48.04	162.73 15.03 -25.07	128.38 10.60 -35.55	101.39 8.11 -29.66	97.00 6.91 -30.78	114.51 7.45 -47.38	105.03 9.19 -31.56	153.80 14.50 -43.83	239.53 11.61 -135.82	319.18 19.55 -134.79	195.63 17.93 -59.62	157.88 20.88 0.00	136.36 17.99 0.01	131.64 17.07 0.00	144.95 16.97 0.00	118.96 14.01 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	109.23 -3.33 0.00	96.23 -0.86 0.00	85.73 0.66 0.00	79.06 0.20 0.00	82.08 -0.64 0.00	121.77 -4.20 0.00	141.97 -4.42 0.00	105.52 -3.47 1.78	117.51 -3.84 5.58	114.97 -3.08 4.58	72.68 -1.89 7.66	54.75 -1.65 7.22	55.81 -1.81 1.69	56.22 -2.04 1.43	60.10 -2.49 1.68	91.94 -3.44 0.08	91.08 -1.01 0.00	163.00 -1.83 0.00	115.92 -2.17 0.00	132.89 -4.11 0.00	112.66 -5.20 0.52	106.36 -7.01 1.21	121.84 -6.14 0.00	101.05 -3.90 0.00

MORRIS_RIDGE___SOLAR 323848	107.64 -4.91 0.00	93.96 -3.13 0.00	82.93 -2.14 0.00	76.64 -2.22 0.00	80.10 -2.61 0.00	119.79 -6.17 0.00	139.13 -7.27 0.00	94.06 -5.80 10.91	75.87 -9.15 41.91	56.14 -8.63 57.86	-21.09 -5.76 97.55	-23.23 -4.86 81.99	5.12 -5.81 48.37	17.23 -6.04 36.41	22.38 -6.78 35.11	82.77 -8.34 4.35	75.08 -5.57 11.44	156.22 -5.60 3.01	113.62 -4.47 0.00	131.46 -5.54 0.00	112.40 -5.63 0.36	106.30 -6.49 1.79	122.09 -5.89 0.00	100.96 -3.99 0.00
MORTIMER_115KV_TB3 55949	107.10 -5.45 0.00	93.23 -3.87 0.00	82.00 -3.06 0.00	75.93 -2.93 0.00	79.68 -3.04 0.00	119.73 -6.23 0.00	138.78 -7.61 0.00	104.96 -5.84 -0.02	120.39 -6.65 -0.12	116.59 -6.09 -0.05	78.23 -4.01 0.00	60.59 -3.03 0.00	56.11 -3.20 0.00	56.22 -3.47 0.00	60.31 -3.96 0.00	89.85 -5.62 -0.01	88.09 -4.04 -0.04	158.40 -6.44 -0.01	112.96 -5.55 -0.43	130.13 -6.87 0.00	112.59 -6.57 -0.78	106.81 -7.13 0.63	121.15 -6.84 0.00	100.66 -4.29 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	169.17 7.47 -49.14	114.20 6.15 -10.96	89.98 4.91 0.00	83.28 4.41 0.00	87.33 4.61 0.00	133.70 7.74 0.00	204.84 9.52 -48.92	198.63 7.77 -80.09	183.92 8.90 -48.09	156.15 8.43 -25.09	123.53 5.72 -35.59	97.88 4.57 -29.69	94.46 4.34 -30.81	111.48 4.38 -47.42	100.97 5.10 -31.59	146.95 7.62 -43.87	236.01 7.64 -136.28	313.21 13.46 -134.92	187.53 9.77 -59.67	147.81 10.80 0.00	127.82 9.45 0.01	123.50 8.92 0.00	137.01 9.03 0.00	111.70 6.75 0.00
MUNSVILLE_WIND_PWR 323609	117.62 10.05 4.98	105.17 8.58 0.50	93.36 7.38 -0.91	86.63 6.67 -1.11	90.72 7.36 -0.65	138.11 11.71 -0.43	157.61 15.53 4.32	114.15 18.47 15.09	135.07 19.20 11.06	140.94 17.69 -0.62	88.34 11.58 5.46	62.83 8.06 8.86	57.78 6.41 7.94	53.44 6.15 12.40	61.59 6.02 8.70	92.58 8.91 11.79	73.88 8.93 27.14	171.41 18.23 11.65	125.93 13.49 5.65	153.16 15.54 -0.61	131.98 12.18 -1.42	129.07 10.86 -3.63	143.71 12.63 -3.10	122.33 10.56 -6.82
N SALMON___HYD 24042	116.07 3.51 0.00	100.34 3.25 0.00	88.07 3.00 0.00	81.58 2.72 0.00	85.34 2.63 0.00	129.34 3.38 0.00	149.52 3.13 0.00	113.59 2.81 0.00	130.08 3.15 0.00	125.93 3.30 0.00	84.26 2.03 0.00	64.86 1.24 0.00	61.17 1.86 0.00	61.19 1.50 0.00	65.43 1.15 0.00	96.68 1.23 0.00	93.22 1.13 0.00	166.88 2.04 0.00	119.29 1.21 0.00	137.81 0.81 0.00	118.85 0.47 0.00	115.16 0.58 0.00	129.40 1.42 0.00	106.43 1.49 0.00
N.AKRON__115KV_KNAPP 355671	105.42 -7.14 0.00	92.54 -4.55 0.00	81.58 -3.48 0.00	75.47 -3.39 0.00	79.17 -3.55 0.00	117.74 -8.23 0.00	135.79 -10.60 0.00	101.03 -8.48 1.27	113.63 -9.64 3.66	109.94 -8.50 4.18	66.43 -5.78 10.02	49.14 -4.68 9.80	50.79 -4.86 3.65	51.42 -5.20 3.07	54.47 -6.11 3.70	87.00 -8.41 0.05	86.42 -6.00 -0.33	155.48 -9.42 -0.07	113.26 -8.20 -3.38	126.77 -10.23 0.00	114.18 -9.69 -5.48	103.39 -10.38 0.80	118.68 -9.30 0.00	99.59 -5.36 0.00
N.BELMOR_69_KV_BK1 55787	169.87 8.22 -49.10	114.69 6.65 -10.95	90.40 5.33 0.00	83.88 5.03 0.00	88.02 5.30 0.00	134.20 8.24 0.00	205.14 9.87 -48.88	198.52 7.73 -80.01	183.51 8.54 -48.04	156.05 8.35 -25.07	123.83 6.05 -35.55	98.25 4.96 -29.66	94.55 4.46 -30.78	111.66 4.60 -47.38	101.44 5.61 -31.56	148.14 8.85 -43.83	236.15 7.90 -136.15	313.08 13.46 -134.79	187.91 10.21 -59.62	148.66 11.66 0.00	129.05 10.68 0.01	124.99 10.42 0.00	138.10 10.12 0.00	113.06 8.11 0.00
N.E_GEN_SANDY PD 24062	188.87 5.69 -70.62	183.88 4.63 -82.16	172.79 3.85 -83.87	169.51 3.59 -87.06	194.27 3.81 -107.74	147.33 6.78 -14.58	181.14 8.31 -26.43	158.76 6.24 -41.74	161.63 7.25 -27.45	142.99 6.82 -13.54	106.12 4.69 -19.20	84.77 3.93 -17.22	81.64 3.72 -18.61	94.08 3.78 -30.61	87.81 4.25 -19.28	125.06 6.00 -23.61	172.40 5.85 -74.46	247.87 10.36 -72.68	186.68 7.55 -61.04	152.05 8.65 -6.39	129.91 7.69 -3.84	124.32 7.45 -2.29	131.78 7.51 3.70	110.64 5.69 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	181.13 6.51 -62.06	116.31 5.38 -13.84	89.33 4.27 0.00	82.71 3.85 0.00	86.85 4.13 0.00	132.99 7.03 0.00	216.92 8.74 -61.79	218.99 7.04 -101.17	195.58 7.88 -60.77	161.71 7.37 -31.71	132.24 5.03 -44.97	105.21 4.06 -37.53	102.16 3.85 -39.00	123.62 3.91 -60.03	108.85 4.59 -39.98	157.87 6.89 -55.53	271.48 6.93 -172.45	347.86 12.34 -170.68	202.49 8.92 -75.49	146.73 9.72 0.00	126.89 8.52 0.01	122.52 7.94 0.00	135.96 7.98 0.00	110.91 5.96 0.00
N.QUEENS_27_KV_LOAD 356247	169.78 7.70 -49.52	114.50 6.45 -10.96	90.13 5.06 0.00	83.34 4.48 0.00	87.27 4.56 0.00	133.63 7.67 0.00	205.12 9.79 -48.94	198.93 8.04 -80.12	184.39 9.35 -48.11	156.44 8.71 -25.10	123.68 5.85 -35.60	98.22 4.71 -29.88	94.60 4.39 -30.90	111.56 4.44 -47.44	101.07 5.20 -31.60	147.22 7.88 -43.89	236.45 7.89 -136.46	313.77 13.98 -134.96	188.01 10.24 -59.69	148.36 11.36 0.00	128.52 10.15 0.01	124.14 9.57 0.00	137.53 9.55 0.00	111.94 6.99 0.00
N.TROY___115KV_TB1 355778	131.37 4.83 -13.98	104.20 3.99 -3.12	88.50 3.44 0.00	82.16 3.30 0.00	86.22 3.50 0.00	131.81 5.85 0.00	167.33 7.02 -13.91	138.60 5.09 -22.74	146.47 5.91 -13.63	135.20 5.46 -7.11	96.04 3.72 -10.08	75.24 3.21 -8.40	71.01 3.01 -8.69	76.20 3.15 -13.37	76.63 3.45 -8.91	112.55 4.73 -12.36	135.08 4.53 -38.46	211.00 7.98 -38.19	140.76 5.79 -16.89	143.95 6.95 0.00	124.65 6.26 0.00	120.84 6.26 0.00	134.33 6.35 0.00	109.87 4.92 0.00
NARROWS_GT1_1 24228	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.23 4.37 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.94 9.61 -48.94	198.70 7.81 -80.12	184.05 9.01 -48.11	156.06 8.33 -25.10	123.48 5.65 -35.60	103.66 4.44 -35.60	96.82 4.20 -33.31	111.44 4.32 -47.44	100.94 5.07 -31.60	146.88 7.54 -43.89	235.87 7.45 -136.33	312.76 12.96 -134.96	187.23 9.45 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.20 8.62 0.00	136.64 8.65 0.00	111.39 6.44 0.00
NARROWS_GT1_2 24229	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.23 4.37 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.94 9.61 -48.94	198.70 7.81 -80.12	184.05 9.01 -48.11	156.06 8.33 -25.10	123.48 5.65 -35.60	103.66 4.44 -35.60	96.82 4.20 -33.31	111.44 4.32 -47.44	100.94 5.07 -31.60	146.88 7.54 -43.89	235.87 7.45 -136.33	312.76 12.96 -134.96	187.23 9.45 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.20 8.62 0.00	136.64 8.65 0.00	111.39 6.44 0.00
NARROWS_GT1_3 24230	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.23 4.37 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.94 9.61 -48.94	198.70 7.81 -80.12	184.05 9.01 -48.11	156.06 8.33 -25.10	123.48 5.65 -35.60	103.66 4.44 -35.60	96.82 4.20 -33.31	111.44 4.32 -47.44	100.94 5.07 -31.60	146.88 7.54 -43.89	235.87 7.45 -136.33	312.76 12.96 -134.96	187.23 9.45 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.20 8.62 0.00	136.64 8.65 0.00	111.39 6.44 0.00
NARROWS_GT1_4 24231	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.23 4.37 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.94 9.61 -48.94	198.70 7.81 -80.12	184.05 9.01 -48.11	156.06 8.33 -25.10	123.48 5.65 -35.60	103.66 4.44 -35.60	96.82 4.20 -33.31	111.44 4.32 -47.44	100.94 5.07 -31.60	146.88 7.54 -43.89	235.87 7.45 -136.33	312.76 12.96 -134.96	187.23 9.45 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.20 8.62 0.00	136.64 8.65 0.00	111.39 6.44 0.00

NARROWS_GT1_5 24232	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.23 4.37 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.94 9.61 -48.94	198.70 7.81 -80.12	184.05 9.01 -48.11	156.06 8.33 -25.10	123.48 5.65 -35.60	103.66 4.44 -35.60	96.82 4.20 -33.31	111.44 4.32 -47.44	100.94 5.07 -31.60	146.88 7.54 -43.89	235.87 7.45 -136.33	312.76 12.96 -134.96	187.23 9.45 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.20 8.62 0.00	136.64 8.65 0.00	111.39 6.44 0.00
NARROWS_GT1_6 24233	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.23 4.37 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.94 9.61 -48.94	198.70 7.81 -80.12	184.05 9.01 -48.11	156.06 8.33 -25.10	123.48 5.65 -35.60	103.66 4.44 -35.60	96.82 4.20 -33.31	111.44 4.32 -47.44	100.94 5.07 -31.60	146.88 7.54 -43.89	235.87 7.45 -136.33	312.76 12.96 -134.96	187.23 9.45 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.20 8.62 0.00	136.64 8.65 0.00	111.39 6.44 0.00
NARROWS_GT1_7 24234	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.23 4.37 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.94 9.61 -48.94	198.70 7.81 -80.12	184.05 9.01 -48.11	156.06 8.33 -25.10	123.48 5.65 -35.60	103.66 4.44 -35.60	96.82 4.20 -33.31	111.44 4.32 -47.44	100.94 5.07 -31.60	146.88 7.54 -43.89	235.87 7.45 -136.33	312.76 12.96 -134.96	187.23 9.45 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.20 8.62 0.00	136.64 8.65 0.00	111.39 6.44 0.00
NARROWS_GT1_8 24235	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.23 4.37 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.94 9.61 -48.94	198.70 7.81 -80.12	184.05 9.01 -48.11	156.06 8.33 -25.10	123.48 5.65 -35.60	103.66 4.44 -35.60	96.82 4.20 -33.31	111.44 4.32 -47.44	100.94 5.07 -31.60	146.88 7.54 -43.89	235.87 7.45 -136.33	312.76 12.96 -134.96	187.23 9.45 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.20 8.62 0.00	136.64 8.65 0.00	111.39 6.44 0.00
NARROWS_GT2_1 24236	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.23 4.37 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.94 9.61 -48.94	198.70 7.81 -80.12	184.05 9.01 -48.11	156.06 8.33 -25.10	123.48 5.65 -35.60	100.21 4.44 -32.14	95.36 4.20 -31.85	111.44 4.32 -47.44	100.94 5.07 -31.60	146.88 7.54 -43.89	235.87 7.45 -136.33	312.76 12.96 -134.96	187.23 9.45 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.20 8.62 0.00	136.64 8.65 0.00	111.39 6.44 0.00
NARROWS_GT2_2 24237	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.23 4.37 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.94 9.61 -48.94	198.70 7.81 -80.12	184.05 9.01 -48.11	156.06 8.33 -25.10	123.48 5.65 -35.60	100.21 4.44 -32.14	95.36 4.20 -31.85	111.44 4.32 -47.44	100.94 5.07 -31.60	146.88 7.54 -43.89	235.87 7.45 -136.33	312.76 12.96 -134.96	187.23 9.45 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.20 8.62 0.00	136.64 8.65 0.00	111.39 6.44 0.00
NARROWS_GT2_3 24238	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.23 4.37 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.94 9.61 -48.94	198.70 7.81 -80.12	184.05 9.01 -48.11	156.06 8.33 -25.10	123.48 5.65 -35.60	100.21 4.44 -32.14	95.36 4.20 -31.85	111.44 4.32 -47.44	100.94 5.07 -31.60	146.88 7.54 -43.89	235.87 7.45 -136.33	312.76 12.96 -134.96	187.23 9.45 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.20 8.62 0.00	136.64 8.65 0.00	111.39 6.44 0.00
NARROWS_GT2_4 24239	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.23 4.37 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.94 9.61 -48.94	198.70 7.81 -80.12	184.05 9.01 -48.11	156.06 8.33 -25.10	123.48 5.65 -35.60	100.21 4.44 -32.14	95.36 4.20 -31.85	111.44 4.32 -47.44	100.94 5.07 -31.60	146.88 7.54 -43.89	235.87 7.45 -136.33	312.76 12.96 -134.96	187.23 9.45 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.20 8.62 0.00	136.64 8.65 0.00	111.39 6.44 0.00
NARROWS_GT2_5 24240	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.23 4.37 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.94 9.61 -48.94	198.70 7.81 -80.12	184.05 9.01 -48.11	156.06 8.33 -25.10	123.48 5.65 -35.60	100.21 4.44 -32.14	95.36 4.20 -31.85	111.44 4.32 -47.44	100.94 5.07 -31.60	146.88 7.54 -43.89	235.87 7.45 -136.33	312.76 12.96 -134.96	187.23 9.45 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.20 8.62 0.00	136.64 8.65 0.00	111.39 6.44 0.00
NARROWS_GT2_6 24241	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.23 4.37 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.94 9.61 -48.94	198.70 7.81 -80.12	184.05 9.01 -48.11	156.06 8.33 -25.10	123.48 5.65 -35.60	100.21 4.44 -32.14	95.36 4.20 -31.85	111.44 4.32 -47.44	100.94 5.07 -31.60	146.88 7.54 -43.89	235.87 7.45 -136.33	312.76 12.96 -134.96	187.23 9.45 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.20 8.62 0.00	136.64 8.65 0.00	111.39 6.44 0.00
NARROWS_GT2_7 24242	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.23 4.37 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.94 9.61 -48.94	198.70 7.81 -80.12	184.05 9.01 -48.11	156.06 8.33 -25.10	123.48 5.65 -35.60	100.21 4.44 -32.14	95.36 4.20 -31.85	111.44 4.32 -47.44	100.94 5.07 -31.60	146.88 7.54 -43.89	235.87 7.45 -136.33	312.76 12.96 -134.96	187.23 9.45 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.20 8.62 0.00	136.64 8.65 0.00	111.39 6.44 0.00
NARROWS_GT2_8 24243	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.23 4.37 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.94 9.61 -48.94	198.70 7.81 -80.12	184.05 9.01 -48.11	156.06 8.33 -25.10	123.48 5.65 -35.60	100.21 4.44 -32.14	95.36 4.20 -31.85	111.44 4.32 -47.44	100.94 5.07 -31.60	146.88 7.54 -43.89	235.87 7.45 -136.33	312.76 12.96 -134.96	187.23 9.45 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.20 8.62 0.00	136.64 8.65 0.00	111.39 6.44 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	142.73 5.82 -24.36	107.10 4.58 -5.43	89.22 4.15 0.00	83.11 4.26 0.00	87.08 4.36 0.00	132.91 6.96 0.00	179.47 8.83 -24.25	157.10 6.62 -39.70	158.65 7.67 -24.05	142.20 7.02 -12.55	104.53 4.50 -17.80	82.32 4.01 -14.69	77.73 3.76 -14.67	86.56 4.31 -22.57	83.86 4.62 -14.97	122.37 6.25 -20.66	162.32 6.02 -64.20	239.36 10.90 -63.62	153.95 7.72 -28.15	146.05 9.04 0.00	126.41 8.02 0.00	122.68 8.11 0.00	136.40 8.42 0.00	111.70 6.75 0.00
NCHELSEA_115KV_TR2 355582	173.58 8.52 -52.50	115.85 7.05 -11.71	90.79 5.73 0.00	84.06 5.20 0.00	88.24 5.52 0.00	135.33 9.37 0.00	210.39 11.72 -52.27	205.77 9.42 -85.58	188.97 10.63 -51.41	159.49 10.03 -26.83	126.96 6.69 -38.04	100.63 5.25 -31.76	97.35 5.00 -33.04	115.62 5.08 -50.86	103.98 5.83 -33.87	151.27 8.78 -47.03	247.14 8.97 -146.08	325.55 16.12 -144.60	193.58 11.52 -63.98	149.61 12.61 0.00	129.24 10.87 0.01	124.67 10.10 0.00	138.32 10.35 0.00	112.81 7.86 0.00
NEG CAPITAL___MECHNVIL 23645	131.76 5.98 -13.22	105.12 5.08 -2.95	89.44 4.38 0.00	83.01 4.15 0.00	87.19 4.47 0.00	133.26 7.29 0.00	168.39 8.83 -13.16	138.88 6.60 -21.50	147.39 7.58 -12.88	136.39 7.03 -6.72	96.32 4.56 -9.53	75.36 3.80 -7.94	71.21 3.69 -8.21	76.23 3.91 -12.64	76.93 4.24 -8.42	113.28 6.14 -11.69	134.56 6.11 -36.37	211.67 10.70 -36.13	141.85 7.79 -15.98	146.28 9.28 0.00	126.47 8.09 0.00	122.35 7.78 0.00	135.98 8.00 0.00	111.13 6.18 0.00



NEG CENTRAL_HIGH_ACRES 23767	105.87 -6.29 0.40	91.37 -4.79 0.93	79.86 -3.95 1.26	73.63 -3.71 1.52	78.01 -3.81 0.89	118.38 -6.99 0.60	136.79 -8.12 1.48	103.50 -5.84 1.43	115.80 -6.54 4.59	105.20 -6.15 11.28	70.90 -4.14 7.18	60.50 -3.12 0.00	54.28 -3.29 1.74	53.73 -3.55 2.41	59.28 -4.00 1.00	87.99 -5.71 1.76	81.94 -4.47 5.68	153.71 -7.14 3.99	111.11 -5.92 1.05	128.96 -7.20 0.84	109.52 -6.88 1.98	103.96 -7.36 3.25	116.29 -7.45 4.24	90.51 -5.09 9.35
NEG CENTRAL___DRP 24199	111.11 -1.45 0.00	96.09 -1.00 0.00	84.54 -0.52 0.00	78.25 -0.61 0.00	82.12 -0.60 0.00	124.13 -1.83 0.00	145.04 -1.36 0.00	111.70 0.14 -0.79	129.88 0.54 -2.41	125.51 0.52 -2.36	87.69 0.52 -4.94	68.46 0.11 -4.72	60.62 -0.34 -1.65	60.49 -0.59 -1.39	65.15 -0.79 -1.67	94.10 -1.41 -0.05	91.90 -0.19 0.00	164.97 0.14 0.00	118.02 -0.06 0.00	136.50 -0.50 0.00	117.43 -0.96 0.00	112.11 -1.78 0.69	126.16 -1.82 0.00	103.95 -0.99 0.00
NEG CENTRAL___INDECK 23768	107.49 -4.90 0.17	93.36 -3.33 0.40	82.10 -2.43 0.54	75.88 -2.32 0.65	79.79 -2.54 0.39	119.81 -5.90 0.25	139.40 -6.36 0.64	113.25 -4.50 -6.97	137.00 -7.05 -17.12	123.45 -6.68 -7.50	115.88 -4.92 -38.57	105.94 -3.92 -46.24	68.15 -5.02 -13.87	64.80 -5.24 -10.35	73.14 -6.19 -15.06	86.09 -7.37 2.00	79.89 -4.04 8.16	158.34 -3.29 3.21	114.72 -2.92 0.45	132.55 -4.10 0.36	112.87 -4.49 1.02	106.10 -5.69 2.78	120.65 -5.52 1.82	97.21 -3.73 4.00
NEG CENTRAL___SENECA 23627	110.99 -1.57 0.00	96.13 -0.97 0.00	84.76 -0.30 0.00	78.36 -0.50 0.00	82.19 -0.52 0.00	123.82 -2.14 0.00	144.85 -1.55 0.00	111.91 -0.11 -1.25	130.24 -0.51 -3.82	125.78 -0.61 -3.75	89.96 -0.14 -7.87	70.87 -0.27 -7.51	60.82 -1.13 -2.64	60.41 -1.49 -2.22	65.20 -1.74 -2.66	93.53 -2.01 -0.08	91.72 -0.37 0.00	164.74 -0.10 0.00	117.91 -0.17 0.00	136.01 -0.99 0.00	116.86 -1.50 0.02	110.77 -2.50 1.30	125.53 -2.45 0.00	103.53 -1.41 0.00
NEG CENTRAL___STATE_STREET 24147	111.98 -0.58 0.00	96.77 -0.33 0.00	84.89 -0.18 0.00	78.66 -0.20 0.00	82.62 -0.10 0.00	125.10 -0.86 0.00	146.26 -0.14 0.00	111.51 0.74 0.00	129.09 2.16 0.00	124.97 2.34 0.00	83.95 1.72 0.00	64.45 0.82 0.00	60.09 0.79 0.00	60.44 0.76 0.00	64.91 0.64 0.00	95.17 -0.29 0.00	92.77 0.68 0.00	166.04 1.21 0.00	118.64 0.56 0.00	137.82 0.81 0.00	118.87 0.49 0.00	114.51 -0.39 -0.32	127.57 -0.41 0.00	105.24 0.30 0.00
NEG MILLWOOD___DRP 24198	169.15 8.70 -47.90	114.95 7.18 -10.68	90.93 5.87 0.00	84.20 5.35 0.00	88.36 5.64 0.00	135.49 9.53 0.00	206.00 11.91 -47.69	198.40 9.56 -78.07	184.57 10.79 -46.86	157.25 10.17 -24.45	123.72 6.82 -34.67	97.90 5.34 -28.94	94.44 5.06 -30.08	111.08 5.10 -46.29	101.02 5.90 -30.84	147.19 8.88 -42.84	234.21 9.02 -133.09	312.87 16.28 -131.76	188.10 11.72 -58.29	150.01 13.01 0.00	129.61 11.23 0.01	125.03 10.46 0.00	138.65 10.67 0.00	113.03 8.08 0.00
NEG NORTH_FLCN_SEA 23793	116.37 3.81 0.00	100.68 3.59 0.00	88.18 3.11 0.00	81.51 2.66 0.00	85.10 2.38 0.00	129.28 3.32 0.00	149.76 3.37 0.00	113.66 3.16 0.00	130.09 3.16 0.00	125.68 3.05 0.00	84.00 1.77 0.00	64.48 0.86 0.00	60.66 1.35 0.00	60.97 1.29 0.00	65.29 1.01 0.00	96.40 0.95 0.00	92.71 0.62 0.00	166.05 1.21 0.00	119.12 1.03 0.00	137.32 0.32 0.00	118.48 0.09 0.00	114.69 0.11 0.00	128.32 0.34 0.00	105.26 0.31 0.00
NEG NORTH_KES_CHATEGAY 23792	114.80 2.24 0.00	99.25 2.16 0.00	87.12 2.06 0.00	80.65 1.79 0.00	84.28 1.56 0.00	127.87 1.90 0.00	148.12 1.72 0.00	112.37 1.59 0.00	128.82 1.90 0.00	124.43 1.80 0.00	83.10 0.88 0.00	63.95 0.32 0.00	59.97 0.66 0.00	60.17 0.48 0.00	64.41 0.14 0.00	95.32 -0.14 0.00	91.66 -0.43 0.00	164.21 -0.62 0.00	117.66 -0.42 0.00	135.97 -1.04 0.00	117.38 -1.01 0.00	113.76 -0.82 0.00	127.47 -0.51 0.00	104.61 -0.33 0.00
NEG NORTH___ALICE_FALLS 23915	116.99 4.43 0.00	101.19 4.09 0.00	88.67 3.61 0.00	82.03 3.17 0.00	85.60 2.89 0.00	130.11 4.15 0.00	150.61 4.22 0.00	114.46 3.68 0.00	131.05 4.12 0.00	126.65 4.02 0.00	84.58 2.35 0.00	64.97 1.35 0.00	61.03 1.72 0.00	61.35 1.67 0.00	65.69 1.42 0.00	96.95 1.49 0.00	93.39 1.30 0.00	167.52 2.69 0.00	120.14 2.06 0.00	138.60 1.60 0.00	119.63 1.25 0.00	115.73 1.16 0.00	129.50 1.52 0.00	106.30 1.35 0.00
NEG NORTH___LWR_SARANAC 23913	116.99 4.43 0.00	101.19 4.09 0.00	88.67 3.61 0.00	82.03 3.17 0.00	85.60 2.89 0.00	130.11 4.15 0.00	150.61 4.22 0.00	114.46 3.68 0.00	131.05 4.12 0.00	126.65 4.02 0.00	84.58 2.35 0.00	64.97 1.35 0.00	61.03 1.72 0.00	61.35 1.67 0.00	65.69 1.42 0.00	96.95 1.49 0.00	93.39 1.30 0.00	167.52 2.69 0.00	120.14 2.06 0.00	138.60 1.60 0.00	119.63 1.25 0.00	115.73 1.16 0.00	129.50 1.52 0.00	106.30 1.35 0.00
NEG NORTH___PLATTSBURG 23628	117.00 4.44 0.00	101.18 4.09 0.00	88.67 3.61 0.00	82.03 3.17 0.00	85.60 2.88 0.00	130.11 4.15 0.00	150.66 4.26 0.00	114.50 3.72 0.00	131.01 4.09 0.00	126.65 4.02 0.00	84.58 2.35 0.00	64.97 1.34 0.00	61.02 1.71 0.00	61.35 1.66 0.00	65.69 1.42 0.00	96.95 1.50 0.00	93.42 1.32 0.00	167.55 2.71 0.00	120.19 2.10 0.00	138.60 1.60 0.00	119.63 1.25 0.00	115.73 1.16 0.00	129.50 1.52 0.00	106.30 1.35 0.00
NEG WEST_LEA_LOCKPORT 23791	103.02 -9.53 0.00	90.58 -6.51 0.00	79.93 -5.13 0.00	73.92 -4.94 0.00	77.49 -5.23 0.00	114.92 -11.05 0.00	132.08 -14.32 0.00	96.47 -11.51 2.80	104.55 -13.20 9.17	102.81 -11.86 7.96	60.01 -7.96 14.26	44.85 -6.27 12.51	48.23 -6.27 4.81	49.08 -6.57 4.04	51.84 -7.57 4.87	84.22 -10.86 0.37	82.10 -8.59 1.41	150.43 -14.12 0.29	92.15 -11.52 14.41	122.92 -14.07 0.01	79.89 -13.02 25.47	99.84 -13.47 1.26	115.45 -12.53 0.00	97.16 -7.79 0.00
NEG WEST___LANCASTER 23811	111.06 -1.50 0.00	97.46 0.37 0.00	85.87 0.81 0.00	79.43 0.57 0.00	83.12 0.41 0.00	123.53 -2.43 0.00	142.62 -3.78 0.00	105.75 -3.15 1.87	117.30 -3.75 5.88	114.98 -2.66 4.99	71.85 -1.59 8.79	53.47 -1.76 8.39	55.35 -1.77 2.19	55.91 -1.93 1.85	59.61 -2.48 2.18	92.04 -3.33 0.09	90.24 -1.85 0.00	162.62 -2.22 0.00	115.01 -3.08 0.00	132.84 -4.16 0.00	113.60 -4.27 0.52	108.52 -4.90 1.16	125.04 -2.94 0.00	104.57 -0.37 0.00
NEG_PENN_ALLEGHNY 23528	107.83 0.53 5.25	97.15 0.35 0.29	86.73 0.36 -1.31	80.73 0.29 -1.59	84.00 0.35 -0.93	126.88 0.30 -0.62	142.89 0.60 4.10	103.10 0.70 8.38	127.18 1.32 1.07	133.20 1.20 -9.37	87.90 0.97 -4.70	62.04 0.56 2.15	58.06 0.55 1.79	56.61 0.51 3.59	62.15 0.56 2.68	91.99 0.93 4.39	81.26 1.43 12.26	156.17 2.78 11.44	114.25 1.95 5.79	140.30 2.42 -0.88	122.19 1.77 -2.04	118.69 1.20 -2.92	133.99 1.57 -4.44	116.19 1.46 -9.78
NEG___GEN_MONROE 24207	107.69 -4.86 0.00	93.85 -3.24 0.00	82.56 -2.50 0.00	76.42 -2.43 0.00	80.24 -2.48 0.00	120.40 -5.56 0.00	139.55 -6.84 0.00	105.58 -5.23 -0.03	121.12 -5.96 -0.15	117.09 -5.34 0.20	77.40 -3.59 1.23	59.44 -2.83 1.35	55.44 -3.07 0.79	55.63 -3.40 0.67	59.54 -3.93 0.80	90.10 -5.35 0.01	88.70 -3.44 -0.06	159.62 -5.23 -0.01	113.90 -4.76 -0.58	130.97 -6.03 0.00	113.49 -5.91 -1.02	107.36 -6.58 0.64	121.91 -6.08 0.00	101.35 -3.60 0.00

NEPA__ENERGY 23901	107.46 -5.09 0.00	94.51 -2.58 0.00	83.52 -1.54 0.00	77.18 -1.68 0.00	80.73 -1.98 0.00	119.64 -6.32 0.00	138.55 -7.85 0.00	101.92 -6.39 2.46	111.79 -7.46 7.68	109.56 -6.57 6.50	66.62 -4.24 11.37	49.42 -3.51 10.70	52.99 -3.58 2.74	53.52 -3.85 2.31	57.03 -4.49 2.75	89.02 -6.32 0.11	88.16 -3.93 0.00	158.51 -6.33 0.00	112.42 -5.66 0.00	129.50 -7.50 0.00	110.21 -7.62 0.55	104.69 -8.75 1.13	120.50 -7.48 0.00	100.57 -4.38 0.00
NEVERSINK__HYD 23608	180.09 12.67 -54.86	119.87 10.54 -12.23	93.77 8.71 0.00	86.76 7.91 0.00	91.13 8.41 0.00	139.93 13.97 0.00	218.57 17.55 -54.62	214.36 14.09 -89.49	197.25 16.16 -54.17	166.10 15.21 -28.26	131.88 9.57 -40.08	104.55 7.40 -33.52	101.59 7.17 -35.11	120.97 7.24 -54.05	108.13 8.00 -35.85	157.23 12.25 -49.52	258.84 12.94 -153.82	340.81 23.73 -152.24	200.88 15.43 -67.37	151.09 14.09 0.00	130.44 12.07 0.02	125.69 11.12 0.00	139.53 11.55 0.00	113.76 8.81 0.00
NEWKRMKL_115KV_TB1 55635	129.52 3.14 -13.82	102.61 2.43 -3.08	87.18 2.12 0.00	81.18 2.32 0.00	84.92 2.20 0.00	129.67 3.71 0.00	164.70 4.54 -13.76	136.57 3.31 -22.48	144.26 3.85 -13.48	133.21 3.55 -7.04	94.77 2.56 -9.98	74.44 2.50 -8.31	70.28 2.40 -8.58	75.33 2.45 -13.20	75.69 2.63 -8.79	110.54 2.89 -12.20	132.74 2.70 -37.95	207.27 4.76 -37.67	138.09 3.34 -16.67	141.01 4.01 0.00	122.27 3.89 0.00	119.10 4.53 0.00	132.43 4.46 0.00	108.58 3.63 0.00
NEWTON__FALLS_HYD 23847	114.10 1.54 0.00	98.55 1.45 0.00	86.39 1.32 0.00	80.05 1.19 0.00	84.00 1.28 0.00	127.64 1.68 0.00	147.64 1.25 0.00	111.64 0.86 0.00	127.88 0.95 0.00	124.01 1.38 0.00	83.25 1.02 0.00	64.32 0.70 0.00	60.61 1.31 0.00	60.30 0.61 0.00	64.81 0.53 0.00	96.14 0.68 0.00	92.65 0.56 0.00	164.96 0.13 0.00	117.89 -0.19 0.00	136.54 -0.47 0.00	117.84 -0.55 0.00	114.26 -0.32 0.00	128.65 0.67 0.00	105.87 0.93 0.00
NGRID_A1_DSASP 323792	100.68 -10.80 1.09	87.12 -7.47 2.50	75.75 -5.93 3.39	69.10 -5.65 4.10	74.27 -6.03 2.42	111.94 -12.41 1.61	126.26 -16.15 3.98	92.37 -12.77 5.64	95.37 -14.63 16.92	75.66 -13.40 33.56	43.96 -8.79 29.48	46.17 -6.57 10.88	44.28 -6.89 8.13	43.19 -7.30 9.19	49.72 -8.20 6.35	79.38 -11.49 4.58	67.70 -9.83 14.56	137.84 -16.42 10.57	101.76 -13.50 2.83	118.27 -16.46 2.27	97.27 -15.00 6.11	90.77 -15.31 8.49	102.45 -14.08 11.45	71.33 -8.38 25.24
NGRID_A2_DSASP 323793	100.68 -10.80 1.09	87.12 -7.47 2.50	75.75 -5.93 3.39	69.10 -5.65 4.10	74.27 -6.03 2.42	111.94 -12.41 1.61	126.26 -16.15 3.98	92.37 -12.77 5.64	95.37 -14.63 16.92	75.66 -13.40 33.56	43.96 -8.79 29.48	46.17 -6.57 10.88	44.28 -6.89 8.13	43.19 -7.30 9.19	49.72 -8.20 6.35	79.38 -11.49 4.58	67.70 -9.83 14.56	137.84 -16.42 10.57	101.76 -13.50 2.83	118.27 -16.46 2.27	97.27 -15.00 6.11	90.77 -15.31 8.49	102.45 -14.08 11.45	71.33 -8.38 25.24
NGRID_A4_DSASP 323807	100.68 -10.80 1.09	87.12 -7.47 2.50	75.75 -5.93 3.39	69.10 -5.65 4.10	74.27 -6.03 2.42	111.94 -12.41 1.61	126.26 -16.15 3.98	92.37 -12.77 5.64	95.37 -14.63 16.92	75.66 -13.40 33.56	43.96 -8.79 29.48	46.17 -6.57 10.88	44.28 -6.89 8.13	43.19 -7.30 9.19	49.72 -8.20 6.35	79.38 -11.49 4.58	67.70 -9.83 14.56	137.84 -16.42 10.57	101.76 -13.50 2.83	118.27 -16.46 2.27	97.27 -15.00 6.11	90.77 -15.31 8.49	102.45 -14.08 11.45	71.33 -8.38 25.24
NIAGARA_115E_LBMP 323715	100.25 -11.23 1.08	86.81 -7.79 2.49	75.48 -6.21 3.37	68.83 -5.94 4.08	74.02 -6.29 2.41	111.51 -12.85 1.60	125.83 -16.57 3.99	91.95 -13.21 5.62	95.22 -14.69 17.02	75.92 -13.01 33.70	43.98 -8.91 29.35	45.92 -6.91 10.79	44.20 -7.08 8.02	43.27 -7.29 9.13	49.69 -8.35 6.23	78.71 -12.17 4.57	67.18 -10.43 14.48	137.35 -16.96 10.53	102.31 -13.78 1.99	117.96 -16.77 2.26	98.44 -15.36 4.59	90.48 -15.65 8.45	101.84 -14.74 11.40	70.32 -9.50 25.13
NIAGARA_115W_LBMP 323714	100.52 -10.95 1.09	86.96 -7.63 2.50	75.61 -6.07 3.39	68.97 -5.79 4.10	74.16 -6.15 2.42	111.73 -12.62 1.61	126.04 -16.38 3.98	92.20 -12.95 5.63	95.18 -14.84 16.91	75.46 -13.62 33.55	43.87 -8.91 29.45	46.07 -6.67 10.88	44.19 -6.98 8.14	43.10 -7.39 9.20	49.62 -8.30 6.36	79.28 -11.59 4.58	67.57 -9.95 14.56	137.57 -16.69 10.57	101.36 -13.68 3.04	118.03 -16.70 2.27	96.67 -15.23 6.48	90.56 -15.52 8.49	102.24 -14.29 11.45	71.21 -8.50 25.23
NIAGARA_230_LBMP 323716	101.75 -9.73 1.08	87.86 -6.73 2.50	76.38 -5.30 3.38	69.70 -5.06 4.09	74.90 -5.40 2.41	113.04 -11.31 1.61	127.66 -14.74 4.00	93.43 -11.71 5.63	96.70 -13.23 17.00	77.03 -12.06 33.53	44.89 -7.99 29.35	46.72 -5.99 10.91	44.85 -6.23 8.23	43.81 -6.60 9.28	50.37 -7.47 6.44	80.06 -10.84 4.56	68.49 -9.09 14.51	139.37 -14.93 10.54	102.09 -12.21 3.79	119.87 -14.87 2.27	96.91 -13.66 7.82	92.11 -13.99 8.47	103.54 -13.00 11.44	71.76 -7.98 25.20
NIAGARA__115KV_198_GIBSON 55903	101.60 -10.96 0.00	89.46 -7.63 0.00	79.00 -6.07 0.00	73.07 -5.79 0.00	76.57 -6.15 0.00	113.35 -12.61 0.00	129.97 -16.43 0.00	95.91 -13.02 1.85	106.20 -15.21 5.52	103.08 -14.01 5.54	61.46 -9.14 11.63	45.76 -6.98 10.88	48.43 -7.05 3.84	49.06 -7.40 3.22	52.06 -8.33 3.89	83.52 -11.82 0.12	82.36 -9.71 0.02	148.07 -16.76 0.00	104.12 -13.75 0.21	120.27 -16.73 0.00	102.20 -15.19 0.99	98.15 -15.47 0.96	113.67 -14.31 0.00	96.41 -8.54 0.00
NIAGARA____ 23760	101.75 -9.73 1.08	87.86 -6.73 2.50	76.39 -5.30 3.38	69.70 -5.06 4.09	74.90 -5.40 2.41	113.04 -11.31 1.61	127.66 -14.74 4.00	93.43 -11.71 5.63	96.71 -13.23 16.99	77.00 -12.06 33.56	44.90 -7.99 29.34	46.77 -5.99 10.86	44.93 -6.23 8.14	43.88 -6.60 9.21	50.46 -7.47 6.35	80.05 -10.84 4.57	68.50 -9.09 14.51	139.37 -14.93 10.54	102.68 -12.21 3.19	119.87 -14.87 2.27	97.96 -13.66 6.76	92.12 -13.99 8.47	103.56 -13.00 11.43	71.79 -7.98 25.17
NINE_MILE_1 23575	108.01 -4.55 0.00	93.24 -3.85 0.00	81.74 -3.33 0.00	75.75 -3.11 0.00	79.49 -3.23 0.00	120.96 -5.00 0.00	140.66 -5.74 0.00	106.45 -4.32 0.00	122.02 -4.91 0.00	117.89 -4.74 0.00	79.10 -3.12 0.00	61.20 -2.42 0.00	57.00 -2.31 0.00	57.38 -2.31 0.00	61.78 -2.49 0.00	91.79 -3.67 0.00	88.88 -3.21 0.00	159.23 -5.61 0.00	113.90 -4.19 0.00	132.12 -4.88 0.00	114.03 -4.35 0.00	110.15 -4.43 0.00	123.07 -4.91 0.00	101.09 -3.86 0.00
NINE_MILE_2 23744	108.01 -4.54 0.00	93.24 -3.85 0.00	81.74 -3.33 0.00	75.75 -3.11 0.00	79.49 -3.23 0.00	120.97 -4.99 0.00	140.67 -5.73 0.00	106.45 -4.32 0.00	122.02 -4.91 0.00	117.89 -4.74 0.00	79.10 -3.12 0.00	61.20 -2.42 0.00	57.01 -2.30 0.00	57.39 -2.30 0.00	61.79 -2.48 0.00	91.79 -3.67 0.00	88.88 -3.21 0.00	159.24 -5.59 0.00	113.91 -4.18 0.00	132.13 -4.87 0.00	114.03 -4.35 0.00	110.15 -4.43 0.00	123.08 -4.90 0.00	101.09 -3.86 0.00
NM_CAPITAL__DRP 24208	129.90 3.31 -14.03	102.79 2.57 -3.13	87.33 2.27 0.00	81.28 2.42 0.00	85.08 2.36 0.00	129.90 3.94 0.00	165.08 4.72 -13.97	137.00 3.40 -22.83	144.58 3.96 -13.69	133.43 3.66 -7.14	95.02 2.66 -10.13	74.61 2.55 -8.44	70.45 2.43 -8.71	75.57 2.48 -13.41	75.89 2.69 -8.93	110.92 3.07 -12.39	133.47 2.83 -38.54	208.14 5.04 -38.26	138.56 3.55 -16.93	141.27 4.27 0.00	122.48 4.10 0.00	119.25 4.68 0.00	132.59 4.61 0.00	108.71 3.76 0.00

NM_CENTRAL___DRP 24181	110.11 -2.45 0.00	95.01 -2.08 0.00	83.29 -1.78 0.00	77.20 -1.66 0.00	81.07 -1.65 0.00	123.36 -2.60 0.00	143.63 -2.76 0.00	108.98 -1.79 0.00	125.11 -1.82 0.00	120.89 -1.74 0.00	81.14 -1.08 0.00	62.78 -0.84 0.00	58.47 -0.83 0.00	58.85 -0.83 0.00	63.38 -0.89 0.00	94.06 -1.40 0.00	91.19 -0.90 0.00	163.33 -1.51 0.00	116.80 -1.28 0.00	135.49 -1.52 0.00	116.85 -1.53 0.00	112.67 -1.91 0.00	125.85 -2.13 0.00	103.33 -1.61 0.00
NM_FRONTIER___DRP 24179	101.60 -10.96 0.00	89.46 -7.63 0.00	79.00 -6.07 0.00	73.07 -5.79 0.00	76.57 -6.15 0.00	113.35 -12.61 0.00	129.97 -16.43 0.00	95.91 -13.02 1.85	106.20 -15.21 5.52	103.08 -14.01 5.54	61.46 -9.14 11.63	45.76 -6.98 10.88	48.43 -7.05 3.84	49.06 -7.40 3.22	52.06 -8.33 3.89	83.52 -11.82 0.12	82.36 -9.71 0.02	148.07 -16.76 0.00	104.12 -13.75 0.21	120.27 -16.73 0.00	102.20 -15.19 0.99	98.15 -15.47 0.96	113.67 -14.31 0.00	96.41 -8.54 0.00
NM_ST_REGIS___HYD 24053	115.07 2.51 0.00	99.48 2.39 0.00	87.32 2.26 0.00	80.90 2.05 0.00	84.73 2.01 0.00	128.17 2.21 0.00	147.39 0.99 0.00	111.38 0.60 0.00	127.58 0.64 0.00	123.81 1.18 0.00	83.08 0.85 0.00	64.00 0.38 0.00	60.58 1.27 0.00	60.29 0.60 0.00	64.48 0.21 0.00	95.55 0.09 0.00	91.60 -0.49 0.00	163.12 -1.72 0.00	116.36 -1.72 0.00	134.56 -2.44 0.00	116.18 -2.20 0.00	112.99 -1.58 0.00	127.92 -0.06 0.00	105.52 0.57 0.00
NORTHPORT___1 23551	170.20 9.40 -48.24	116.14 8.10 -10.95	91.72 6.65 0.00	85.04 6.18 0.00	89.07 6.35 0.00	135.50 9.53 0.00	206.01 10.73 -48.88	198.75 7.96 -80.01	183.58 8.61 -48.04	156.39 8.69 -25.07	124.67 6.88 -35.55	98.74 5.46 -29.66	94.86 4.77 -30.78	112.14 5.08 -47.38	102.35 6.52 -31.56	149.10 9.81 -43.83	235.98 8.05 -135.84	312.27 12.64 -134.79	187.56 9.86 -59.62	148.64 11.63 0.00	129.70 11.33 0.01	125.88 11.30 0.00	139.06 11.08 0.00	114.45 9.50 0.00
NORTHPORT___2 23552	170.20 9.40 -48.24	116.14 8.10 -10.95	91.72 6.65 0.00	85.04 6.18 0.00	89.07 6.35 0.00	135.50 9.53 0.00	206.01 10.73 -48.88	198.75 7.96 -80.01	183.58 8.61 -48.04	156.39 8.69 -25.07	124.67 6.88 -35.55	98.74 5.46 -29.66	94.86 4.77 -30.78	112.14 5.08 -47.38	102.35 6.52 -31.56	149.10 9.81 -43.83	235.98 8.05 -135.84	312.27 12.64 -134.79	187.56 9.86 -59.62	148.64 11.63 0.00	129.70 11.33 0.01	125.88 11.30 0.00	139.06 11.08 0.00	114.45 9.50 0.00
NORTHPORT___3 23553	168.54 7.82 -48.17	114.64 6.60 -10.95	90.45 5.39 0.00	83.84 4.99 0.00	87.86 5.14 0.00	133.99 8.03 0.00	204.48 9.21 -48.88	197.70 6.91 -80.01	182.46 7.49 -48.04	155.27 7.57 -25.07	123.62 5.85 -35.55	97.98 4.70 -29.66	94.19 4.10 -30.78	111.43 4.37 -47.38	101.45 5.61 -31.56	147.91 8.63 -43.83	235.27 7.37 -135.81	311.45 11.82 -134.79	186.79 9.09 -59.62	147.64 10.63 0.00	128.47 10.10 0.01	124.46 9.88 0.00	137.56 9.58 0.00	112.89 7.94 0.00
NORTHPORT___4 23650	168.54 7.82 -48.17	114.64 6.60 -10.95	90.45 5.39 0.00	83.84 4.99 0.00	87.86 5.14 0.00	133.99 8.03 0.00	204.48 9.21 -48.88	197.70 6.91 -80.01	182.46 7.49 -48.04	155.27 7.57 -25.07	123.62 5.85 -35.55	97.98 4.70 -29.66	94.19 4.10 -30.78	111.43 4.37 -47.38	101.45 5.61 -31.56	147.91 8.63 -43.83	235.27 7.37 -135.81	311.45 11.82 -134.79	186.79 9.09 -59.62	147.64 10.63 0.00	128.47 10.10 0.01	124.46 9.88 0.00	137.56 9.58 0.00	112.89 7.94 0.00
NORTHPORT___IC 23718	170.25 9.46 -48.24	116.14 8.10 -10.95	91.72 6.65 0.00	85.04 6.18 0.00	89.07 6.35 0.00	135.50 9.54 0.00	206.03 10.76 -48.88	198.80 8.01 -80.01	183.61 8.64 -48.04	156.48 8.78 -25.07	124.68 6.90 -35.55	98.78 5.49 -29.66	94.86 4.77 -30.78	112.15 5.09 -47.38	102.35 6.52 -31.56	149.09 9.80 -43.83	236.04 8.11 -135.84	312.31 12.68 -134.79	187.59 9.89 -59.62	148.64 11.64 0.00	129.70 11.33 0.01	125.87 11.30 0.00	139.07 11.09 0.00	114.46 9.52 0.00
NORTH___COUNTRY_ESR 323785	114.42 1.86 0.00	98.95 1.86 0.00	86.84 1.77 0.00	80.39 1.53 0.00	83.97 1.25 0.00	127.42 1.46 0.00	147.68 1.28 0.00	111.93 1.16 0.00	128.16 1.23 0.00	123.97 1.34 0.00	82.85 0.62 0.00	63.76 0.13 0.00	59.79 0.48 0.00	60.01 0.33 0.00	64.24 -0.03 0.00	95.02 -0.44 0.00	91.33 -0.76 0.00	163.52 -1.31 0.00	117.20 -0.89 0.00	135.40 -1.60 0.00	116.93 -1.45 0.00	113.32 -1.26 0.00	127.05 -0.93 0.00	104.28 -0.67 0.00
NPX_GEN_1385_PROXY 323591	210.39 12.69 -85.14	143.88 10.93 -35.86	94.23 9.16 0.00	176.59 8.48 -89.26	156.38 8.79 -64.88	138.75 12.79 0.00	210.14 14.87 -48.88	201.05 10.25 -80.01	184.56 9.59 -48.04	156.04 8.34 -25.07	124.88 7.09 -35.55	98.53 5.25 -29.66	94.33 4.24 -30.78	111.84 4.78 -47.38	103.40 7.57 -31.56	149.72 10.43 -43.83	235.52 7.59 -135.84	309.04 9.41 -134.79	147.28 6.59 -22.61	146.54 9.54 0.00	130.30 11.93 0.01	127.98 13.40 0.00	157.42 14.23 -15.21	142.71 12.55 -25.21
NPX_GEN_CSC 323557	171.14 10.38 -48.21	117.09 9.04 -10.95	92.74 7.67 0.00	85.94 7.09 0.00	90.12 7.40 0.00	137.49 11.53 0.00	208.14 12.87 -48.88	200.43 9.64 -80.01	185.77 10.79 -48.04	158.52 10.82 -25.07	125.76 7.98 -35.55	99.48 6.19 -29.66	95.34 5.25 -30.78	112.72 5.66 -47.38	103.09 7.26 -31.56	150.69 11.39 -43.83	237.68 9.76 -135.82	315.87 16.24 -134.79	190.83 13.13 -59.62	152.43 15.43 0.00	131.70 13.33 0.01	127.33 12.75 0.00	140.28 12.30 0.00	115.26 10.31 0.00
NSINS_S___GLNS_FALLS 23858	131.17 5.86 -12.75	105.20 5.27 -2.84	89.62 4.55 0.00	83.19 4.34 0.00	87.45 4.73 0.00	133.72 7.75 0.00	168.41 9.32 -12.69	138.63 7.13 -20.72	147.48 8.15 -12.41	136.32 7.21 -6.48	95.97 4.56 -9.18	74.94 3.67 -7.65	70.89 3.67 -7.91	75.81 3.94 -12.18	76.61 4.23 -8.11	113.09 6.38 -11.26	133.60 6.47 -35.04	211.15 11.49 -34.83	141.93 8.43 -15.41	147.29 10.28 0.00	127.20 8.82 0.00	122.81 8.23 0.00	136.51 8.53 0.00	111.33 6.38 0.00
NUCOR_STEEL___DRP 24197	111.88 -0.67 0.00	96.67 -0.42 0.00	84.77 -0.29 0.00	78.57 -0.29 0.00	82.54 -0.18 0.00	124.97 -0.99 0.00	146.12 -0.27 0.00	111.39 0.62 0.00	129.10 2.18 0.00	124.92 2.29 0.00	83.87 1.64 0.00	64.44 0.82 0.00	60.17 0.86 0.00	60.53 0.85 0.00	65.03 0.76 0.00	95.15 -0.31 0.00	92.69 0.60 0.00	165.82 0.98 0.00	118.45 0.37 0.00	137.69 0.69 0.00	118.75 0.37 0.00	114.50 -0.46 -0.38	127.49 -0.49 0.00	105.21 0.26 0.00
NUMBER_THREE_WT_PWR 323818	115.27 2.71 0.00	99.40 2.31 0.00	87.08 2.01 0.00	80.68 1.82 0.00	84.76 2.05 0.00	129.40 3.44 0.00	150.72 4.33 0.00	114.21 3.44 0.00	130.96 4.03 0.00	126.77 4.14 0.00	85.05 2.82 0.00	65.82 2.19 0.00	61.41 2.10 0.00	61.32 1.64 0.00	66.22 1.95 0.00	98.20 2.74 0.00	95.23 3.14 0.00	170.16 5.33 0.00	122.07 3.98 0.00	141.54 4.53 0.00	122.06 3.68 0.00	117.86 3.29 0.00	131.71 3.73 0.00	107.91 2.96 0.00
NYISO_LBMP_REFERENCE 24008	112.56 0.00 0.00	97.09 0.00 0.00	85.06 0.00 0.00	78.86 0.00 0.00	82.72 0.00 0.00	125.96 0.00 0.00	146.40 0.00 0.00	110.78 0.00 0.00	126.93 0.00 0.00	122.63 0.00 0.00	82.23 0.00 0.00	63.63 0.00 0.00	59.31 0.00 0.00	59.69 0.00 0.00	64.27 0.00 0.00	95.46 0.00 0.00	92.09 0.00 0.00	164.83 0.00 0.00	118.08 0.00 0.00	137.00 0.00 0.00	118.38 0.00 0.00	114.58 0.00 0.00	127.98 0.00 0.00	104.95 0.00 0.00

NYPA_BRENTWD____GT 24164	170.95 10.15 -48.24	116.69 8.65 -10.95	92.23 7.17 0.00	85.51 6.65 0.00	89.60 6.88 0.00	136.56 10.60 0.00	207.13 11.86 -48.88	199.10 8.31 -80.01	184.55 9.57 -48.04	157.81 10.11 -25.07	125.38 7.60 -35.55	99.28 6.00 -29.66	95.39 5.30 -30.78	112.62 5.56 -47.38	102.64 6.81 -31.56	149.76 10.47 -43.83	236.89 8.96 -135.84	313.61 13.98 -134.79	189.01 11.31 -59.62	150.43 13.43 0.00	130.94 12.57 0.01	126.76 12.18 0.00	139.88 11.90 0.00	115.28 10.33 0.00
NYPA_GOWANUS____GT5 24156	169.37 7.65 -49.16	114.32 6.26 -10.96	89.95 4.88 0.00	83.20 4.35 0.00	87.29 4.57 0.00	133.48 7.52 0.00	200.54 9.51 -44.63	186.52 7.75 -67.99	173.53 8.95 -37.65	146.30 8.26 -15.41	93.30 5.63 -5.44	75.72 4.41 -7.68	67.42 4.16 -3.95	81.17 4.29 -17.18	77.08 5.04 -7.77	115.50 7.48 -12.56	180.45 7.43 -80.93	264.28 12.91 -86.53	166.84 9.40 -39.35	132.93 10.35 14.42	111.99 9.04 15.44	108.50 8.60 14.67	125.50 8.64 11.12	111.34 6.40 0.00
NYPA_GOWANUS____GT6 24157	169.37 7.65 -49.16	114.32 6.26 -10.96	89.95 4.88 0.00	83.20 4.35 0.00	87.29 4.57 0.00	133.48 7.52 0.00	200.54 9.51 -44.63	186.52 7.75 -67.99	173.53 8.95 -37.65	146.30 8.26 -15.41	93.30 5.63 -5.44	75.72 4.41 -7.68	67.42 4.16 -3.95	81.17 4.29 -17.18	77.08 5.04 -7.77	115.50 7.48 -12.56	180.45 7.43 -80.93	264.28 12.91 -86.53	166.84 9.40 -39.35	132.93 10.35 14.42	111.99 9.04 15.44	108.50 8.60 14.67	125.50 8.64 11.12	111.34 6.40 0.00
NYPA_HARLEM__RVR__GT1 24160	169.14 7.43 -49.16	114.28 6.22 -10.96	89.92 4.86 0.00	83.13 4.27 0.00	87.10 4.39 0.00	133.38 7.42 0.00	204.81 9.48 -48.94	198.65 7.76 -80.12	184.10 9.06 -48.11	156.08 8.35 -25.10	123.47 5.65 -35.60	98.15 4.55 -29.97	94.50 4.25 -30.94	111.41 4.29 -47.44	100.92 5.05 -31.60	146.99 7.64 -43.89	236.06 7.64 -136.33	313.25 13.45 -134.96	187.63 9.85 -59.69	147.94 10.94 0.00	128.11 9.74 0.01	123.83 9.25 0.00	137.20 9.22 0.00	111.67 6.72 0.00
NYPA_HARLEM__RVR__GT2 24161	169.14 7.43 -49.16	114.28 6.22 -10.96	89.92 4.86 0.00	83.13 4.27 0.00	87.10 4.39 0.00	133.38 7.42 0.00	204.81 9.48 -48.94	198.65 7.76 -80.12	184.10 9.06 -48.11	156.08 8.35 -25.10	123.47 5.65 -35.60	98.15 4.55 -29.97	94.50 4.25 -30.94	111.41 4.29 -47.44	100.92 5.05 -31.60	146.99 7.64 -43.89	236.06 7.64 -136.33	313.25 13.45 -134.96	187.63 9.85 -59.69	147.94 10.94 0.00	128.11 9.74 0.01	123.83 9.25 0.00	137.20 9.22 0.00	111.67 6.72 0.00
NYPA_KENT____GT 24152	169.44 7.73 -49.16	114.40 6.35 -10.96	90.05 4.98 0.00	83.28 4.43 0.00	87.36 4.64 0.00	133.53 7.57 0.00	204.81 9.48 -48.94	198.64 7.75 -80.12	184.01 8.98 -48.11	156.10 8.37 -25.10	123.50 5.67 -35.60	99.71 4.47 -31.62	95.20 4.27 -31.63	111.46 4.34 -47.44	100.94 5.07 -31.60	146.89 7.55 -43.89	235.91 7.49 -136.33	312.89 13.09 -134.96	187.27 9.50 -59.69	147.50 10.50 0.00	127.51 9.14 0.01	123.27 8.69 0.00	136.76 8.78 0.00	111.49 6.55 0.00
NYPA_POUCH1____GT 24155	169.06 7.34 -49.16	114.04 5.99 -10.96	89.66 4.59 0.00	82.93 4.07 0.00	87.01 4.29 0.00	133.03 7.07 0.00	204.38 9.04 -48.94	198.21 7.32 -80.12	183.46 8.43 -48.11	155.40 7.67 -25.10	123.03 5.20 -35.60	88.44 4.10 -20.72	77.91 3.86 -14.74	89.24 4.00 -25.55	77.77 4.72 -8.78	116.18 6.99 -13.74	181.67 6.99 -82.58	266.20 12.19 -89.17	171.47 8.90 -44.49	133.70 9.68 12.98	112.78 8.51 14.12	109.29 8.10 13.38	125.01 8.07 11.04	97.73 5.90 13.12
NYPA_VERNON____GT2 24162	169.46 7.75 -49.16	114.41 6.36 -10.96	90.09 5.03 0.00	83.33 4.47 0.00	87.40 4.68 0.00	133.65 7.69 0.00	204.85 9.51 -48.94	198.73 7.84 -80.12	184.12 9.08 -48.11	156.23 8.49 -25.10	123.60 5.77 -35.60	99.28 4.57 -31.09	95.10 4.38 -31.41	111.54 4.41 -47.44	101.00 5.13 -31.60	147.00 7.65 -43.89	236.02 7.60 -136.33	313.14 13.34 -134.96	187.46 9.68 -59.69	147.77 10.76 0.00	127.70 9.33 0.01	123.46 8.89 0.00	137.02 9.04 0.00	111.70 6.76 0.00
NYPA_VERNON____GT3 24163	169.46 7.75 -49.16	114.41 6.36 -10.96	90.09 5.03 0.00	83.33 4.47 0.00	87.40 4.68 0.00	133.65 7.69 0.00	204.85 9.51 -48.94	198.73 7.84 -80.12	184.12 9.08 -48.11	156.23 8.49 -25.10	123.60 5.77 -35.60	99.28 4.57 -31.09	95.10 4.38 -31.41	111.54 4.41 -47.44	101.00 5.13 -31.60	147.00 7.65 -43.89	236.02 7.60 -136.33	313.14 13.34 -134.96	187.46 9.68 -59.69	147.77 10.76 0.00	127.70 9.33 0.01	123.46 8.89 0.00	137.02 9.04 0.00	111.70 6.76 0.00
NYPA__ASTORIA_CC1 323568	169.33 7.61 -49.16	114.31 6.26 -10.96	90.01 4.94 0.00	83.24 4.38 0.00	87.31 4.59 0.00	133.50 7.54 0.00	204.61 9.28 -48.94	198.53 7.64 -80.12	183.92 8.89 -48.11	156.00 8.27 -25.10	123.45 5.62 -35.60	98.94 4.45 -30.86	94.91 4.29 -31.31	111.41 4.29 -47.44	100.89 5.02 -31.60	146.82 7.47 -43.89	235.83 7.41 -136.33	312.77 12.97 -134.96	187.24 9.46 -59.69	147.49 10.49 0.00	127.47 9.10 0.01	123.24 8.66 0.00	136.82 8.84 0.00	111.57 6.62 0.00
NYPA__ASTORIA_CC2 323569	169.33 7.61 -49.16	114.31 6.26 -10.96	90.01 4.94 0.00	83.24 4.38 0.00	87.31 4.59 0.00	133.50 7.54 0.00	204.61 9.28 -48.94	198.53 7.64 -80.12	183.92 8.89 -48.11	156.00 8.27 -25.10	123.45 5.62 -35.60	98.94 4.45 -30.86	94.91 4.29 -31.31	111.41 4.29 -47.44	100.89 5.02 -31.60	146.82 7.47 -43.89	235.83 7.41 -136.33	312.77 12.97 -134.96	187.24 9.46 -59.69	147.49 10.49 0.00	127.47 9.10 0.01	123.24 8.66 0.00	136.82 8.84 0.00	111.57 6.62 0.00
NYPA__HOLTSVILL 23794	170.10 9.34 -48.21	116.08 8.04 -10.95	91.78 6.72 0.00	85.05 6.19 0.00	89.12 6.41 0.00	135.80 9.84 0.00	206.27 11.00 -48.88	199.02 8.22 -80.01	183.97 8.99 -48.04	156.84 9.14 -25.07	124.73 6.95 -35.55	98.78 5.50 -29.66	94.87 4.78 -30.78	112.14 5.08 -47.38	102.35 6.51 -31.56	149.33 10.04 -43.83	236.41 8.49 -135.82	313.25 13.62 -134.79	188.55 10.85 -59.62	149.84 12.83 0.00	130.32 11.95 0.01	126.13 11.55 0.00	139.14 11.16 0.00	114.49 9.54 0.00
NYPA__HELLGATE_GT1 24158	169.16 7.45 -49.16	114.30 6.24 -10.96	89.96 4.89 0.00	83.13 4.27 0.00	87.10 4.39 0.00	133.38 7.42 0.00	204.79 9.45 -48.94	198.65 7.76 -80.12	184.08 9.04 -48.11	156.08 8.35 -25.10	123.48 5.66 -35.60	98.15 4.56 -29.97	94.52 4.27 -30.94	111.42 4.30 -47.44	100.93 5.06 -31.60	147.01 7.66 -43.89	236.11 7.69 -136.33	313.32 13.53 -134.96	187.67 9.89 -59.69	148.01 11.01 0.00	128.13 9.76 0.01	123.84 9.26 0.00	137.20 9.22 0.00	111.67 6.72 0.00
NYPA__HELLGATE_GT2 24159	169.16 7.45 -49.16	114.30 6.24 -10.96	89.96 4.89 0.00	83.13 4.27 0.00	87.10 4.39 0.00	133.38 7.42 0.00	204.79 9.45 -48.94	198.65 7.76 -80.12	184.08 9.04 -48.11	156.08 8.35 -25.10	123.48 5.66 -35.60	98.15 4.56 -29.97	94.52 4.27 -30.94	111.42 4.30 -47.44	100.93 5.06 -31.60	147.01 7.66 -43.89	236.11 7.69 -136.33	313.32 13.53 -134.96	187.67 9.89 -59.69	148.01 11.01 0.00	128.13 9.76 0.01	123.84 9.26 0.00	137.20 9.22 0.00	111.67 6.72 0.00
NYS_BARGE__HYD 23848	102.48 -9.12 0.95	88.76 -6.13 2.21	77.27 -4.81 2.99	70.61 -4.63 3.61	75.67 -4.92 2.13	114.00 -10.55 1.42	129.22 -13.67 3.51	95.14 -10.87 4.76	100.38 -12.19 14.36	81.89 -10.77 29.97	47.69 -7.30 27.24	47.10 -5.64 10.89	45.41 -5.96 7.94	44.59 -6.28 8.81	50.73 -7.20 6.34	81.18 -10.20 4.08	71.03 -8.30 12.76	142.46 -13.06 9.31	108.42 -10.94 -1.28	121.57 -13.44 2.00	107.15 -12.50 -1.27	94.12 -13.00 7.46	105.94 -11.95 10.09	75.40 -7.32 22.23

OAK ORCHARD___HYD 24046	106.57 -5.44 0.55	91.95 -3.87 1.28	80.28 -3.06 1.73	73.84 -2.93 2.09	78.45 -3.04 1.23	118.91 -6.23 0.82	136.75 -7.61 2.04	103.08 -5.76 1.93	114.40 -6.45 6.08	101.63 -5.83 15.17	68.68 -3.87 9.68	60.78 -2.84 0.00	53.81 -3.16 2.34	52.98 -3.46 3.25	59.02 -3.91 1.35	87.56 -5.50 2.40	80.21 -4.11 7.77	153.04 -6.32 5.47	111.59 -5.48 1.01	129.01 -6.83 1.16	109.78 -6.59 2.02	102.98 -7.14 4.46	115.32 -6.84 5.82	87.83 -4.29 12.83
OAKDALE___35_KV_LOAD 356122	107.24 0.31 5.63	96.02 0.18 1.26	85.28 0.21 0.00	79.02 0.16 0.00	82.92 0.20 0.00	125.99 0.03 0.00	141.05 0.27 5.61	101.26 0.40 9.92	121.82 0.92 6.03	120.89 0.88 2.62	80.11 0.79 2.90	61.93 0.42 2.12	55.99 0.36 3.68	53.75 0.32 6.25	60.82 0.34 3.79	89.62 0.56 6.40	74.54 1.07 18.62	151.41 2.13 15.56	112.74 1.50 6.84	138.87 1.87 0.00	119.60 1.32 0.10	115.36 0.79 0.00	129.14 1.15 0.00	106.10 1.15 0.00
OCC_CHEM___DRP 24175	101.76 -10.80 0.00	89.62 -7.47 0.00	79.14 -5.93 0.00	73.19 -5.67 0.00	76.69 -6.02 0.00	113.54 -12.42 0.00	130.20 -16.20 0.00	96.07 -12.86 1.85	106.41 -14.98 5.54	103.28 -13.79 5.56	61.56 -9.01 11.66	45.86 -6.89 10.88	48.52 -6.96 3.83	49.15 -7.32 3.22	52.14 -8.26 3.88	83.62 -11.72 0.11	82.51 -9.58 0.00	148.31 -16.52 0.00	104.52 -13.57 0.00	120.51 -16.49 0.00	102.77 -15.00 0.61	98.31 -15.31 0.96	113.85 -14.13 0.00	96.52 -8.43 0.00
OH_GEN_PROXY 24063	101.99 -9.36 1.21	87.84 -6.47 2.78	76.17 -5.13 3.77	69.39 -4.91 4.56	74.80 -5.23 2.69	113.18 -10.99 1.79	127.75 -14.19 4.46	93.62 -11.28 5.88	96.90 -12.69 17.34	75.98 -11.50 35.16	45.21 -7.60 29.42	48.23 -5.72 9.67	45.27 -5.96 8.08	44.03 -6.31 9.35	51.00 -7.13 6.14	80.20 -10.36 4.89	67.76 -8.72 15.62	138.92 -14.31 11.60	102.41 -11.73 3.94	120.22 -14.25 2.53	97.21 -13.09 8.08	91.82 -13.43 9.33	102.81 -12.43 12.74	69.18 -7.69 28.07
OLIN_CORP_DRP 24177	101.63 -10.93 0.00	89.52 -7.57 0.00	79.03 -6.03 0.00	73.07 -5.79 0.00	76.61 -6.11 0.00	113.40 -12.57 0.00	130.11 -16.28 0.00	95.82 -13.10 1.86	106.50 -14.75 5.68	103.83 -13.33 5.47	61.87 -9.02 11.33	45.74 -7.13 10.75	48.64 -7.06 3.60	49.44 -7.22 3.03	52.25 -8.36 3.66	83.17 -12.19 0.10	82.15 -10.00 -0.06	148.02 -16.83 -0.01	105.16 -13.54 -0.61	120.54 -16.47 0.00	103.84 -15.04 -0.50	98.26 -15.35 0.96	113.54 -14.44 0.00	95.68 -9.27 0.00
OLIN_CORP_DSASP 323712	100.68 -10.80 1.09	87.12 -7.47 2.50	75.75 -5.93 3.39	69.10 -5.65 4.10	74.27 -6.03 2.42	111.94 -12.41 1.61	126.26 -16.15 3.98	92.37 -12.77 5.64	95.37 -14.63 16.92	75.66 -13.40 33.56	43.96 -8.79 29.48	46.17 -6.57 10.88	44.28 -6.89 8.13	43.19 -7.30 9.19	49.72 -8.20 6.35	79.38 -11.49 4.58	67.70 -9.83 14.56	137.84 -16.42 10.57	101.76 -13.50 2.83	118.27 -16.46 2.27	97.27 -15.00 6.11	90.77 -15.31 8.49	102.45 -14.08 11.45	71.33 -8.38 25.24
ONEIDA_HERK_LFGE 323681	115.52 2.96 0.00	99.63 2.54 0.00	87.25 2.18 0.00	80.88 2.02 0.00	84.95 2.23 0.00	129.74 3.78 0.00	151.20 4.80 0.00	114.56 3.79 0.00	131.36 4.43 0.00	127.04 4.41 0.00	85.30 3.07 0.00	65.97 2.35 0.00	61.35 2.04 0.00	61.60 1.92 0.00	66.49 2.22 0.00	98.71 3.25 0.00	95.57 3.48 0.00	170.89 6.06 0.00	122.51 4.42 0.00	142.12 5.12 0.00	122.65 4.27 0.00	118.47 3.90 0.00	132.12 4.14 0.00	108.20 3.26 0.00
ONEIDA___115KV_TB4 55905	115.53 2.97 0.00	99.75 2.66 0.00	87.37 2.31 0.00	81.03 2.17 0.00	85.18 2.47 0.00	130.09 4.13 0.00	151.74 5.35 0.00	115.04 4.26 0.00	131.99 5.06 0.00	127.65 5.02 0.00	85.67 3.45 0.00	66.22 2.59 0.00	61.44 2.13 0.00	61.89 2.20 0.00	66.73 2.45 0.00	99.21 3.76 0.00	96.15 4.06 0.00	171.49 6.66 0.00	122.92 4.84 0.00	142.60 5.60 0.00	123.06 4.68 0.00	118.73 4.15 0.00	132.34 4.36 0.00	108.32 3.38 0.00
ONONDAGA_REF_OCCRA 23987	111.13 -1.43 0.00	95.84 -1.25 0.00	83.99 -1.07 0.00	77.87 -0.98 0.00	81.76 -0.96 0.00	124.45 -1.51 0.00	144.93 -1.46 0.00	110.10 -0.67 0.00	126.49 -0.44 0.00	122.22 -0.41 0.00	82.03 -0.20 0.00	63.42 -0.20 0.00	59.09 -0.22 0.00	59.47 -0.22 0.00	64.04 -0.23 0.00	94.96 -0.49 0.00	92.06 -0.03 0.00	165.00 0.17 0.00	118.03 -0.05 0.00	136.90 -0.10 0.00	118.06 -0.33 0.00	114.09 -0.76 -0.28	127.10 -0.88 0.00	104.34 -0.61 0.00
ONONDAGA___COGEN 23986	110.90 -1.65 0.00	95.69 -1.40 0.00	83.88 -1.18 0.00	77.76 -1.10 0.00	81.63 -1.08 0.00	124.21 -1.75 0.00	144.67 -1.73 0.00	110.51 -0.27 0.00	127.49 0.56 0.00	123.25 0.61 0.00	82.70 0.47 0.00	63.84 0.21 0.00	59.50 0.20 0.00	59.89 0.21 0.00	64.44 0.17 0.00	94.83 -0.62 0.00	91.83 -0.26 0.00	164.56 -0.28 0.00	117.68 -0.41 0.00	136.58 -0.42 0.00	117.78 -0.60 0.00	113.54 -1.04 0.00	126.78 -1.20 0.00	104.11 -0.84 0.00
ONTARIO___LFGE 23819	111.00 -1.56 0.00	96.13 -0.97 0.00	84.79 -0.28 0.00	78.36 -0.50 0.00	82.19 -0.53 0.00	123.82 -2.14 0.00	144.84 -1.56 0.00	111.85 -0.13 -1.21	128.32 -0.51 -1.90	121.12 -0.53 0.98	86.96 -0.12 -4.86	70.93 -0.20 -7.51	60.09 -1.13 -1.91	59.39 -1.50 -1.21	64.80 -1.72 -2.25	92.81 -1.99 0.66	89.23 -0.41 2.45	164.09 -0.10 0.64	117.88 -0.20 0.00	136.01 -0.99 0.00	116.85 -1.52 0.02	110.76 -2.51 1.30	125.53 -2.45 0.00	103.53 -1.41 0.00
ORANGEVILLE_WT_PWR 323706	106.03 -6.04 0.49	92.21 -3.74 1.14	80.88 -2.64 1.54	74.31 -2.68 1.87	78.61 -3.01 1.10	118.04 -7.19 0.73	135.71 -8.86 1.84	94.36 -7.13 9.29	84.31 -9.56 33.06	62.72 -8.88 51.03	-2.43 -5.93 78.73	-3.38 -4.84 62.16	11.96 -5.45 41.90	22.73 -5.73 31.22	29.41 -6.50 28.36	82.42 -8.42 4.62	73.05 -6.06 12.98	150.80 -7.55 6.48	110.43 -6.36 1.29	128.06 -7.91 1.03	107.75 -7.69 2.95	101.16 -8.49 4.93	115.05 -7.71 5.22	88.45 -5.00 11.49
ORANGEVILLE___ESR 323794	106.03 -6.04 0.49	92.21 -3.74 1.14	80.88 -2.64 1.54	74.31 -2.68 1.87	78.61 -3.01 1.10	118.04 -7.19 0.73	135.71 -8.86 1.84	94.36 -7.13 9.29	84.31 -9.56 33.06	62.72 -8.88 51.03	-2.43 -5.93 78.73	-3.38 -4.84 62.16	11.96 -5.45 41.90	22.73 -5.73 31.22	29.41 -6.50 28.36	82.42 -8.42 4.62	73.05 -6.06 12.98	150.80 -7.55 6.48	110.43 -6.36 1.29	128.06 -7.91 1.03	107.75 -7.69 2.95	101.16 -8.49 4.93	115.05 -7.71 5.22	88.45 -5.00 11.49
OSWEGATCHIE___HYD 24044	114.10 1.54 0.00	98.55 1.46 0.00	86.39 1.32 0.00	80.05 1.19 0.00	84.00 1.28 0.00	127.64 1.68 0.00	147.66 1.26 0.00	111.66 0.89 0.00	127.88 0.95 0.00	124.01 1.38 0.00	83.25 1.02 0.00	64.32 0.70 0.00	60.61 1.30 0.00	60.30 0.61 0.00	64.80 0.53 0.00	96.14 0.68 0.00	92.67 0.58 0.00	164.97 0.13 0.00	117.90 -0.18 0.00	136.54 -0.46 0.00	117.84 -0.54 0.00	114.26 -0.32 0.00	128.66 0.68 0.00	105.87 0.93 0.00
OSWEGO___5 23606	108.89 -3.67 0.00	93.97 -3.12 0.00	82.37 -2.69 0.00	76.36 -2.50 0.00	80.14 -2.57 0.00	121.89 -4.07 0.00	141.82 -4.57 0.00	107.47 -3.30 0.00	123.20 -3.73 0.00	119.01 -3.62 0.00	79.86 -2.37 0.00	61.78 -1.85 0.00	57.55 -1.75 0.00	57.92 -1.77 0.00	62.36 -1.91 0.00	92.71 -2.75 0.00	89.83 -2.26 0.00	160.96 -3.88 0.00	115.09 -2.99 0.00	133.54 -3.47 0.00	115.21 -3.17 0.00	111.27 -3.31 0.00	124.31 -3.67 0.00	102.11 -2.84 0.00

OSWEGO___6 23613	108.89 -3.67 0.00	93.97 -3.12 0.00	82.37 -2.69 0.00	76.36 -2.50 0.00	80.14 -2.57 0.00	121.89 -4.07 0.00	141.82 -4.57 0.00	107.47 -3.30 0.00	123.20 -3.73 0.00	119.01 -3.62 0.00	79.86 -2.37 0.00	61.78 -1.85 0.00	57.55 -1.75 0.00	57.92 -1.77 0.00	62.36 -1.91 0.00	92.71 -2.75 0.00	89.83 -2.26 0.00	160.96 -3.88 0.00	115.09 -2.99 0.00	133.54 -3.47 0.00	115.21 -3.17 0.00	111.27 -3.31 0.00	124.31 -3.67 0.00	102.11 -2.84 0.00
OUTOKUMPU-AB___DRP 24206	104.50 -8.06 0.00	92.00 -5.09 0.00	81.15 -3.92 0.00	75.02 -3.83 0.00	78.62 -4.10 0.00	116.56 -9.40 0.00	133.58 -12.81 0.00	98.57 -10.34 1.87	109.64 -11.94 5.34	106.27 -10.75 5.61	63.16 -7.13 11.94	47.24 -5.53 10.86	49.88 -5.67 3.75	50.61 -5.94 3.14	53.65 -6.80 3.81	86.10 -9.26 0.09	85.09 -7.12 -0.11	153.10 -11.76 -0.02	109.30 -9.94 -1.16	124.72 -12.29 0.00	108.45 -11.41 -1.48	101.61 -12.00 0.96	117.40 -10.58 0.00	99.18 -5.77 0.00
OXBOW___BTM 323836	102.27 -9.21 1.08	88.50 -6.10 2.50	76.91 -4.77 3.38	70.16 -4.61 4.09	75.40 -4.91 2.41	113.70 -10.66 1.60	128.26 -14.19 3.95	93.91 -11.25 5.61	97.35 -12.81 16.77	77.62 -11.57 33.44	45.05 -7.66 29.52	47.00 -5.76 10.87	45.13 -6.11 8.07	44.07 -6.49 9.12	50.62 -7.35 6.30	80.81 -10.06 4.59	69.18 -8.35 14.55	140.69 -13.59 10.55	104.39 -11.40 2.29	120.74 -13.99 2.27	100.32 -12.92 5.14	92.71 -13.40 8.47	104.51 -12.05 11.42	72.93 -6.86 25.16
OXBOW____ 24026	103.38 -9.18 0.00	90.98 -6.11 0.00	80.30 -4.76 0.00	74.23 -4.63 0.00	77.82 -4.90 0.00	115.29 -10.67 0.00	132.20 -14.20 0.00	97.57 -11.34 1.87	108.31 -13.18 5.44	105.06 -11.99 5.58	62.53 -7.89 11.80	46.67 -6.08 10.87	49.33 -6.19 3.79	50.00 -6.51 3.18	53.03 -7.40 3.85	85.07 -10.28 0.11	84.02 -8.13 -0.05	151.11 -13.74 -0.01	107.14 -11.47 -0.52	122.95 -14.06 0.00	105.79 -12.93 -0.34	100.23 -13.38 0.96	115.92 -12.06 0.00	98.08 -6.86 0.00
OXY_CHEM_DSASP 323612	101.76 -10.80 0.00	89.62 -7.47 0.00	79.14 -5.93 0.00	73.19 -5.67 0.00	76.69 -6.02 0.00	113.54 -12.42 0.00	130.20 -16.20 0.00	96.07 -12.86 1.85	106.41 -14.98 5.54	103.28 -13.79 5.56	61.56 -9.01 11.66	45.86 -6.89 10.88	48.52 -6.96 3.83	49.15 -7.32 3.22	52.14 -8.26 3.88	83.62 -11.72 0.11	82.51 -9.58 0.00	148.31 -16.52 0.00	104.52 -13.57 0.00	120.51 -16.49 0.00	102.77 -15.00 0.61	98.31 -15.31 0.96	113.85 -14.13 0.00	96.52 -8.43 0.00
OZONE_PARK_ESR 323760	170.34 8.61 -49.18	115.17 7.11 -10.97	90.78 5.72 0.00	83.98 5.12 0.00	88.06 5.34 0.00	134.84 8.88 0.00	206.29 10.93 -48.96	199.87 8.95 -80.15	185.34 10.28 -48.13	157.49 9.75 -25.11	124.44 6.60 -35.61	98.56 5.22 -29.71	95.10 4.95 -30.83	112.14 5.00 -47.45	101.65 5.76 -31.61	147.95 8.59 -43.90	237.13 8.66 -136.38	315.23 15.37 -135.02	188.91 11.11 -59.72	149.38 12.38 0.00	129.17 10.81 0.01	124.80 10.23 0.00	138.38 10.39 0.00	112.74 7.80 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	101.76 -10.80 0.00	89.62 -7.47 0.00	79.14 -5.93 0.00	73.19 -5.67 0.00	76.69 -6.02 0.00	113.54 -12.42 0.00	130.20 -16.20 0.00	96.07 -12.86 1.85	106.41 -14.98 5.54	103.28 -13.79 5.56	61.56 -9.01 11.66	45.86 -6.89 10.88	48.52 -6.96 3.83	49.15 -7.32 3.22	52.14 -8.26 3.88	83.62 -11.72 0.11	82.51 -9.58 0.00	148.31 -16.52 0.00	104.52 -13.57 0.00	120.51 -16.49 0.00	102.77 -15.00 0.61	98.31 -15.31 0.96	113.85 -14.13 0.00	96.52 -8.43 0.00
PACKARD__115KV_DUPONT_184 80571	101.76 -10.80 0.00	89.62 -7.47 0.00	79.14 -5.93 0.00	73.19 -5.67 0.00	76.69 -6.02 0.00	113.54 -12.42 0.00	130.20 -16.20 0.00	96.07 -12.86 1.85	106.41 -14.98 5.54	103.28 -13.79 5.56	61.56 -9.01 11.66	45.86 -6.89 10.88	48.52 -6.96 3.83	49.15 -7.32 3.22	52.14 -8.26 3.88	83.62 -11.72 0.11	82.51 -9.58 0.00	148.31 -16.52 0.00	104.52 -13.57 0.00	120.51 -16.49 0.00	102.77 -15.00 0.61	98.31 -15.31 0.96	113.85 -14.13 0.00	96.52 -8.43 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	168.91 7.19 -49.16	114.01 5.96 -10.96	89.72 4.65 0.00	82.99 4.13 0.00	87.01 4.29 0.00	133.20 7.24 0.00	204.68 9.34 -48.94	198.62 7.72 -80.12	183.98 8.95 -48.11	156.01 8.27 -25.10	123.41 5.59 -35.60	98.12 4.52 -29.98	94.48 4.23 -30.94	111.37 4.25 -47.44	100.88 5.01 -31.60	146.87 7.53 -43.89	235.94 7.52 -136.33	312.99 13.20 -134.96	187.46 9.69 -59.69	147.70 10.70 0.00	127.79 9.42 0.01	123.51 8.93 0.00	136.89 8.91 0.00	111.47 6.52 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	169.06 7.35 -49.16	114.24 6.19 -10.96	89.92 4.85 0.00	83.19 4.33 0.00	87.29 4.57 0.00	133.73 7.77 0.00	205.36 10.02 -48.94	199.25 8.36 -80.12	184.63 9.59 -48.11	156.48 8.75 -25.10	123.72 5.89 -35.60	98.26 4.66 -29.98	94.62 4.38 -30.94	111.54 4.42 -47.44	101.01 5.14 -31.60	147.06 7.71 -43.89	236.35 7.93 -136.33	313.55 13.75 -134.96	187.91 10.13 -59.69	148.10 11.10 0.00	128.17 9.81 0.01	123.99 9.42 0.00	137.40 9.42 0.00	111.83 6.88 0.00
PATROON__115KV_TB1 80586	129.71 3.45 -13.70	102.86 2.71 -3.05	87.43 2.37 0.00	81.39 2.54 0.00	85.16 2.45 0.00	130.03 4.07 0.00	165.02 4.98 -13.64	136.71 3.65 -22.29	144.52 4.23 -13.36	133.54 3.94 -6.97	94.93 2.82 -9.89	74.54 2.68 -8.23	70.39 2.58 -8.51	75.40 2.63 -13.09	75.81 2.82 -8.71	110.80 3.25 -12.09	132.77 3.05 -37.63	207.61 5.42 -37.36	138.41 3.80 -16.53	141.52 4.52 0.00	122.67 4.29 0.00	119.45 4.87 0.00	132.80 4.82 0.00	108.89 3.94 0.00
PATTRSNVILLE__SOLAR 323815	128.30 4.31 -11.44	103.32 3.67 -2.55	88.21 3.15 0.00	81.78 2.92 0.00	85.84 3.12 0.00	131.09 5.13 0.00	163.98 6.19 -11.39	134.07 4.76 -18.54	143.26 5.27 -11.06	132.69 4.29 -5.77	93.43 3.02 -8.18	72.79 2.35 -6.82	68.68 2.32 -7.05	72.94 2.41 -10.85	74.19 2.69 -7.23	109.57 4.08 -10.03	127.72 4.33 -31.30	203.94 7.85 -31.25	137.53 5.62 -13.82	143.60 6.60 0.00	124.10 5.71 0.00	119.95 5.38 0.00	133.59 5.61 0.00	109.38 4.44 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	109.74 -2.82 0.00	96.37 -0.72 0.00	84.93 -0.13 0.00	78.54 -0.32 0.00	82.23 -0.48 0.00	122.16 -3.80 0.00	140.99 -5.40 0.00	104.37 -4.35 2.06	115.34 -5.15 6.44	113.02 -4.06 5.55	69.76 -2.59 9.87	51.68 -2.45 9.49	54.24 -2.51 2.57	54.81 -2.71 2.17	58.40 -3.33 2.54	90.84 -4.52 0.10	89.30 -2.79 0.00	161.01 -3.83 0.00	113.89 -4.19 0.00	131.48 -5.52 0.00	112.30 -5.56 0.53	107.21 -6.25 1.12	123.55 -4.44 0.00	103.34 -1.61 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	169.15 8.70 -47.90	114.95 7.18 -10.68	90.93 5.87 0.00	84.20 5.35 0.00	88.36 5.64 0.00	135.49 9.53 0.00	206.00 11.91 -47.69	198.40 9.56 -78.07	184.57 10.79 -46.86	157.25 10.17 -24.45	123.72 6.82 -34.67	97.90 5.34 -28.94	94.44 5.06 -30.08	111.08 5.10 -46.29	101.02 5.90 -30.84	147.19 8.88 -42.84	234.21 9.02 -133.09	312.87 16.28 -131.76	188.10 11.72 -58.29	150.01 13.01 0.00	129.61 11.23 0.01	125.03 10.46 0.00	138.65 10.67 0.00	113.03 8.08 0.00
PEEKSKILL____ 23653	171.58 6.72 -52.30	114.29 5.54 -11.66	89.46 4.39 0.00	82.80 3.95 0.00	86.91 4.20 0.00	133.12 7.16 0.00	207.33 8.86 -52.07	203.16 7.14 -85.24	186.19 8.07 -51.19	156.91 7.56 -26.71	125.27 5.16 -37.88	99.37 4.14 -31.60	96.06 3.94 -32.81	114.19 4.01 -50.49	102.60 4.69 -33.64	149.21 7.04 -46.71	244.27 7.09 -145.10	321.00 12.53 -143.64	190.66 9.05 -63.53	146.98 9.97 0.00	127.09 8.72 0.01	122.75 8.18 0.00	136.20 8.22 0.00	111.11 6.16 0.00

PGE MADISON___WINDPWR 24146	117.62 10.05 4.98	105.17 8.58 0.50	93.36 7.38 -0.91	86.63 6.67 -1.11	90.72 7.36 -0.65	138.11 11.71 -0.43	157.61 15.53 4.32	114.15 18.47 15.09	135.07 19.20 11.06	140.94 17.69 -0.62	88.34 11.58 5.46	62.83 8.06 8.86	57.78 6.41 7.94	53.44 6.15 12.40	61.59 6.02 8.70	92.58 8.91 11.79	73.88 8.93 27.14	171.41 18.23 11.65	125.93 13.49 5.65	153.16 15.54 -0.61	131.98 12.18 -1.42	129.07 10.86 -3.63	143.71 12.63 -3.10	122.33 10.56 -6.82
PIERCEFIELD___HYD 23852	114.56 2.01 0.00	99.04 1.95 0.00	86.96 1.90 0.00	80.57 1.71 0.00	84.41 1.70 0.00	127.62 1.66 0.00	146.51 0.12 0.00	110.47 -0.30 0.00	126.50 -0.43 0.00	122.91 0.28 0.00	82.54 0.31 0.00	63.65 0.03 0.00	60.32 1.01 0.00	59.90 0.22 0.00	64.10 -0.17 0.00	95.06 -0.40 0.00	90.98 -1.11 0.00	161.64 -3.19 0.00	115.21 -2.88 0.00	133.34 -3.67 0.00	115.18 -3.21 0.00	112.16 -2.42 0.00	127.29 -0.69 0.00	105.13 0.19 0.00
PINELAWN_CC_1 323563	169.82 8.92 -48.35	115.60 7.56 -10.95	91.22 6.16 0.00	84.59 5.73 0.00	88.66 5.94 0.00	135.28 9.32 0.00	206.14 10.86 -48.88	199.09 8.30 -80.01	184.14 9.17 -48.04	156.94 9.24 -25.07	124.58 6.80 -35.55	98.68 5.39 -29.66	94.88 4.79 -30.78	112.07 5.01 -47.38	102.07 6.24 -31.56	148.98 9.69 -43.83	236.57 8.60 -135.88	313.97 14.34 -134.79	188.75 11.05 -59.62	149.80 12.79 0.00	130.13 11.77 0.01	125.97 11.40 0.00	139.06 11.08 0.00	114.08 9.13 0.00
PJM_GEN_HTP_PROXY 323702	169.19 7.41 -49.22	114.17 6.10 -10.98	89.92 4.86 0.00	83.20 4.34 0.00	87.28 4.57 0.00	133.64 7.68 0.00	204.81 9.41 -49.00	198.68 7.68 -80.22	183.93 8.83 -48.17	156.12 8.35 -25.14	123.60 5.72 -35.64	97.92 4.56 -29.73	94.51 4.35 -30.86	111.57 4.38 -47.50	101.02 5.11 -31.64	147.03 7.63 -43.94	236.22 7.62 -136.51	313.38 13.40 -135.14	187.52 9.67 -59.77	147.76 10.76 0.00	127.76 9.39 0.01	123.46 8.89 0.00	136.94 8.96 0.00	111.66 6.71 0.00
PJM_GEN_KEystone 24065	85.54 0.52 27.54	36.18 0.74 61.65	34.88 0.57 50.76	38.27 0.42 41.02	80.15 0.42 3.00	36.67 -0.20 89.09	67.52 -0.25 78.63	88.35 -0.02 22.40	32.46 0.10 94.57	-8.06 0.34 131.04	45.14 0.53 37.62	47.70 0.38 16.31	72.88 0.26 -13.31	82.11 0.19 -22.23	43.47 0.27 21.07	78.92 0.52 17.05	81.66 0.86 11.29	159.66 1.78 6.96	87.61 0.82 31.29	40.57 0.59 97.02	52.92 0.23 65.70	41.68 -0.18 72.71	55.94 0.29 72.32	47.60 0.64 57.99
PJM_GEN_NEPTUNE_PROXY 323594	167.96 7.42 -47.99	114.27 6.23 -10.95	90.06 4.99 0.00	83.49 4.63 0.00	87.52 4.80 0.00	133.62 7.66 0.00	204.22 8.95 -48.88	197.80 7.00 -80.01	182.76 7.78 -48.04	155.55 7.85 -25.07	123.59 5.81 -35.55	97.94 4.65 -29.66	94.28 4.19 -30.78	111.44 4.38 -47.38	101.23 5.40 -31.56	147.60 8.30 -43.83	235.24 7.40 -135.74	312.09 12.46 -134.79	187.18 9.48 -59.62	147.90 10.89 0.00	128.41 10.04 0.01	124.29 9.71 0.00	137.37 9.39 0.00	112.56 7.61 0.00
PJM_GEN_VFT_PROXY 323633	168.37 6.63 -49.18	113.49 5.44 -10.97	89.33 4.27 0.00	82.65 3.79 0.00	86.75 4.03 0.00	132.78 6.82 0.00	203.77 8.42 -48.96	197.84 6.92 -80.15	183.00 7.94 -48.13	155.14 7.40 -25.11	122.86 5.02 -35.61	81.75 4.01 -14.12	80.04 3.84 -16.90	103.63 4.38 -40.07	100.43 4.55 -31.61	146.17 6.80 -43.90	234.85 6.86 -135.90	310.84 12.02 -133.99	185.56 8.71 -58.76	146.62 9.63 0.01	126.80 8.43 0.02	122.55 7.97 0.01	135.89 7.91 0.00	110.78 5.83 0.00
PLATSBURG_115KV_PMLD1 355749	116.26 3.70 0.00	100.59 3.50 0.00	88.13 3.07 0.00	81.51 2.65 0.00	85.12 2.40 0.00	129.29 3.33 0.00	149.79 3.39 0.00	113.66 2.88 0.00	130.08 3.15 0.00	125.65 3.03 0.00	84.00 1.77 0.00	64.51 0.89 0.00	60.66 1.36 0.00	60.97 1.29 0.00	65.29 1.02 0.00	96.40 0.95 0.00	92.71 0.62 0.00	165.98 1.15 0.00	119.10 1.02 0.00	137.43 0.43 0.00	118.61 0.22 0.00	114.80 0.23 0.00	128.46 0.48 0.00	105.37 0.42 0.00
PLEASANTVLY___LBMP 24000	158.09 6.40 -39.13	111.05 5.23 -8.72	89.24 4.18 0.00	82.64 3.78 0.00	86.71 3.99 0.00	132.95 6.99 0.00	194.06 8.71 -38.95	181.52 6.98 -63.76	173.13 7.93 -38.27	150.08 7.48 -19.97	115.64 5.09 -28.32	91.36 4.12 -23.62	87.72 3.89 -24.52	101.38 3.96 -37.74	94.02 4.61 -25.14	137.19 6.80 -34.93	207.43 6.83 -108.51	284.39 12.12 -107.44	174.41 8.81 -47.52	146.70 9.69 0.00	126.84 8.47 0.01	122.55 7.97 0.00	136.03 8.05 0.00	111.00 6.06 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	166.28 7.15 -46.57	113.39 5.91 -10.38	89.79 4.73 0.00	83.11 4.26 0.00	87.21 4.49 0.00	133.61 7.65 0.00	202.24 9.48 -46.36	194.32 7.65 -75.90	181.22 8.72 -45.57	154.64 8.24 -23.78	121.56 5.62 -33.72	96.24 4.49 -28.13	92.74 4.24 -29.20	108.93 4.31 -44.93	99.20 4.99 -29.93	144.51 7.47 -41.58	228.73 7.49 -129.15	306.01 13.31 -127.87	184.30 9.66 -56.56	147.67 10.67 0.00	127.62 9.25 0.01	123.31 8.74 0.00	136.81 8.83 0.00	111.63 6.68 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	166.28 7.15 -46.57	113.39 5.91 -10.38	89.79 4.73 0.00	83.11 4.26 0.00	87.21 4.49 0.00	133.61 7.65 0.00	202.24 9.48 -46.36	194.32 7.65 -75.90	181.22 8.72 -45.57	154.64 8.24 -23.78	121.56 5.62 -33.72	96.24 4.49 -28.13	92.74 4.24 -29.20	108.93 4.31 -44.93	99.20 4.99 -29.93	144.51 7.47 -41.58	228.73 7.49 -129.15	306.01 13.31 -127.87	184.30 9.66 -56.56	147.67 10.67 0.00	127.62 9.25 0.01	123.31 8.74 0.00	136.81 8.83 0.00	111.63 6.68 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	167.49 8.10 -46.83	114.19 6.65 -10.44	90.47 5.40 0.00	83.78 4.92 0.00	87.89 5.18 0.00	134.92 8.96 0.00	204.30 11.28 -46.62	196.14 9.06 -76.30	182.81 10.19 -45.69	156.12 9.65 -23.84	122.38 6.34 -33.81	96.78 4.93 -28.22	93.39 4.73 -29.36	109.67 4.81 -45.18	99.96 5.55 -30.14	145.73 8.34 -41.94	230.90 8.55 -130.26	309.23 15.44 -128.95	186.29 11.16 -57.05	149.29 12.29 0.00	128.90 10.53 0.01	124.41 9.83 0.00	137.96 9.98 0.00	112.54 7.60 0.00
POLETTI___ 23519	169.09 7.36 -49.18	114.19 6.13 -10.97	89.94 4.88 0.00	83.23 4.37 0.00	87.27 4.55 0.00	133.58 7.62 0.00	204.61 9.25 -48.96	198.52 7.60 -80.15	183.82 8.76 -48.13	156.05 8.31 -25.11	123.41 5.56 -35.61	97.79 4.46 -29.71	94.37 4.23 -30.83	111.36 4.22 -47.45	100.84 4.95 -31.61	146.68 7.32 -43.90	235.84 7.37 -136.38	312.84 12.98 -135.02	187.28 9.48 -59.72	147.54 10.54 0.00	127.63 9.26 0.01	123.44 8.86 0.00	136.92 8.93 0.00	111.54 6.59 0.00
POMONA___ESR 323819	181.11 6.50 -62.06	116.31 5.38 -13.84	89.33 4.27 0.00	82.71 3.85 0.00	86.83 4.11 0.00	132.99 7.03 0.00	216.89 8.71 -61.79	218.95 7.00 -101.17	195.57 7.87 -60.77	161.65 7.31 -31.71	132.22 5.02 -44.97	105.20 4.04 -37.53	102.15 3.84 -39.00	123.62 3.90 -60.03	108.84 4.59 -39.98	157.86 6.87 -55.53	271.48 6.94 -172.45	347.84 12.33 -170.68	202.46 8.89 -75.49	146.71 9.70 0.00	126.89 8.52 0.01	122.51 7.94 0.00	135.95 7.98 0.00	110.90 5.95 0.00
PORT_JEFF_3 23555	170.51 9.75 -48.21	116.42 8.38 -10.95	92.06 7.00 0.00	85.33 6.47 0.00	89.42 6.70 0.00	136.30 10.34 0.00	207.00 11.73 -48.88	199.59 8.80 -80.01	184.36 9.39 -48.04	157.33 9.63 -25.07	125.14 7.36 -35.55	99.05 5.77 -29.66	95.10 5.01 -30.78	112.41 5.35 -47.38	102.65 6.82 -31.56	149.81 10.52 -43.83	236.72 8.81 -135.82	313.71 14.09 -134.79	188.89 11.19 -59.62	150.42 13.41 0.00	130.99 12.62 0.01	126.72 12.15 0.00	139.77 11.79 0.00	114.92 9.97 0.00

PORT_JEFF_4 23616	170.51 9.75 -48.21	116.42 8.38 -10.95	92.06 7.00 0.00	85.33 6.47 0.00	89.42 6.70 0.00	136.30 10.34 0.00	207.00 11.73 -48.88	199.59 8.80 -80.01	184.36 9.39 -48.04	157.33 9.63 -25.07	125.14 7.36 -35.55	99.05 5.77 -29.66	95.10 5.01 -30.78	112.41 5.35 -47.38	102.65 6.82 -31.56	149.81 10.52 -43.83	236.72 8.81 -135.82	313.71 14.09 -134.79	188.89 11.19 -59.62	150.42 13.41 0.00	130.99 12.62 0.01	126.72 12.15 0.00	139.77 11.79 0.00	114.92 9.97 0.00
PORT_JEFF_IC 23713	170.59 9.82 -48.21	116.47 8.43 -10.95	92.12 7.06 0.00	85.37 6.51 0.00	89.47 6.76 0.00	136.42 10.46 0.00	207.12 11.85 -48.88	199.71 8.92 -80.01	184.27 9.29 -48.04	157.41 9.70 -25.07	125.21 7.43 -35.55	99.15 5.87 -29.66	95.11 5.03 -30.78	112.45 5.39 -47.38	102.72 6.89 -31.56	149.89 10.60 -43.83	236.67 8.75 -135.83	313.44 13.81 -134.79	188.69 10.98 -59.62	150.37 13.37 0.00	131.12 12.76 0.01	126.83 12.26 0.00	139.86 11.88 0.00	114.97 10.02 0.00
PPL PILGRIM_ST_GT1 24216	170.95 10.15 -48.24	116.69 8.65 -10.95	92.23 7.17 0.00	85.51 6.65 0.00	89.60 6.88 0.00	136.56 10.60 0.00	207.13 11.86 -48.88	199.10 8.31 -80.01	184.55 9.57 -48.04	157.81 10.11 -25.07	125.38 7.60 -35.55	99.28 6.00 -29.66	95.39 5.30 -30.78	112.62 5.56 -47.38	102.64 6.81 -31.56	149.76 10.47 -43.83	236.89 8.96 -135.84	313.61 13.98 -134.79	189.01 11.31 -59.62	150.43 13.43 0.00	130.94 12.57 0.01	126.76 12.18 0.00	139.88 11.90 0.00	115.28 10.33 0.00
PPL PILGRIM_ST_GT2 24217	170.95 10.15 -48.24	116.69 8.65 -10.95	92.23 7.17 0.00	85.51 6.65 0.00	89.60 6.88 0.00	136.56 10.60 0.00	207.13 11.86 -48.88	199.10 8.31 -80.01	184.55 9.57 -48.04	157.81 10.11 -25.07	125.38 7.60 -35.55	99.28 6.00 -29.66	95.39 5.30 -30.78	112.62 5.56 -47.38	102.64 6.81 -31.56	149.76 10.47 -43.83	236.89 8.96 -135.84	313.61 13.98 -134.79	189.01 11.31 -59.62	150.43 13.43 0.00	130.94 12.57 0.01	126.76 12.18 0.00	139.88 11.90 0.00	115.28 10.33 0.00
PPL_SHRM_GT3 24213	171.15 10.39 -48.21	117.09 9.05 -10.95	92.73 7.67 0.00	85.92 7.07 0.00	90.10 7.38 0.00	137.47 11.51 0.00	208.13 12.86 -48.88	200.43 9.64 -80.01	185.76 10.78 -48.04	158.50 10.81 -25.07	125.74 7.96 -35.55	99.47 6.18 -29.66	95.31 5.22 -30.78	112.68 5.62 -47.38	103.08 7.25 -31.56	150.65 11.36 -43.83	237.72 9.80 -135.83	315.87 16.24 -134.79	190.80 13.10 -59.62	152.37 15.37 0.00	131.69 13.32 0.01	127.31 12.73 0.00	140.26 12.28 0.00	115.29 10.34 0.00
PPL_SHRM_GT4 24214	171.15 10.39 -48.21	117.09 9.05 -10.95	92.73 7.67 0.00	85.92 7.07 0.00	90.10 7.38 0.00	137.47 11.51 0.00	208.13 12.86 -48.88	200.43 9.64 -80.01	185.76 10.78 -48.04	158.50 10.81 -25.07	125.74 7.96 -35.55	99.47 6.18 -29.66	95.31 5.22 -30.78	112.68 5.62 -47.38	103.08 7.25 -31.56	150.65 11.36 -43.83	237.72 9.80 -135.83	315.87 16.24 -134.79	190.80 13.10 -59.62	152.37 15.37 0.00	131.69 13.32 0.01	127.31 12.73 0.00	140.26 12.28 0.00	115.29 10.34 0.00
PROJECT___ORANGE 1 24174	110.17 -2.39 0.00	95.06 -2.03 0.00	83.31 -1.75 0.00	77.24 -1.62 0.00	81.09 -1.63 0.00	123.41 -2.55 0.00	143.65 -2.74 0.00	109.00 -1.78 0.00	125.14 -1.79 0.00	120.90 -1.73 0.00	81.18 -1.05 0.00	62.78 -0.84 0.00	58.49 -0.82 0.00	58.87 -0.81 0.00	63.39 -0.88 0.00	94.10 -1.36 0.00	91.24 -0.86 0.00	163.44 -1.39 0.00	116.87 -1.22 0.00	135.56 -1.45 0.00	116.90 -1.48 0.00	112.74 -1.83 0.00	125.92 -2.06 0.00	103.39 -1.56 0.00
PROJECT___ORANGE 2 24166	110.17 -2.39 0.00	95.06 -2.03 0.00	83.31 -1.75 0.00	77.24 -1.62 0.00	81.09 -1.63 0.00	123.41 -2.55 0.00	143.65 -2.74 0.00	109.00 -1.78 0.00	125.14 -1.79 0.00	120.90 -1.73 0.00	81.18 -1.05 0.00	62.78 -0.84 0.00	58.49 -0.82 0.00	58.87 -0.81 0.00	63.39 -0.88 0.00	94.10 -1.36 0.00	91.24 -0.86 0.00	163.44 -1.39 0.00	116.87 -1.22 0.00	135.56 -1.45 0.00	116.90 -1.48 0.00	112.74 -1.83 0.00	125.92 -2.06 0.00	103.39 -1.56 0.00
PUCKETT___SOLAR 323809	109.77 2.57 5.36	98.88 2.16 0.38	88.19 1.90 -1.23	82.00 1.67 -1.48	85.51 1.92 -0.87	129.40 2.86 -0.58	145.94 3.86 4.31	104.04 3.94 10.67	126.71 4.58 4.80	132.87 4.17 -6.08	85.13 2.81 -0.10	59.77 1.84 5.70	56.45 1.36 4.23	54.25 1.32 6.76	60.53 1.34 5.09	90.83 2.06 6.69	77.69 2.71 17.11	158.43 5.56 11.96	116.31 4.19 5.97	142.77 4.94 -0.82	123.85 3.57 -1.90	120.49 3.00 -2.91	135.95 3.83 -4.14	117.45 3.37 -9.13
PYRITES___HYD 24023	116.53 3.97 0.00	100.79 3.70 0.00	88.52 3.46 0.00	81.99 3.13 0.00	85.96 3.24 0.00	130.23 4.26 0.00	149.98 3.58 0.00	113.24 2.47 0.00	129.55 2.62 0.00	125.60 2.98 0.00	84.16 1.94 0.00	64.80 1.18 0.00	61.01 1.70 0.00	60.83 1.14 0.00	65.10 0.83 0.00	96.67 1.21 0.00	92.65 0.56 0.00	164.88 0.05 0.00	117.60 -0.48 0.00	136.10 -0.91 0.00	117.48 -0.91 0.00	114.18 -0.40 0.00	129.48 1.50 0.00	106.91 1.96 0.00
QUAKERRD_115KV_BK1 80622	105.70 -6.86 0.00	91.83 -5.27 0.00	80.73 -4.33 0.00	74.75 -4.10 0.00	78.48 -4.24 0.00	118.32 -7.64 0.00	137.31 -9.09 0.00	103.94 -6.83 0.00	119.12 -7.80 0.00	115.28 -7.35 0.00	77.41 -4.83 0.00	59.93 -3.69 0.00	55.56 -3.75 0.00	55.70 -3.98 0.00	59.81 -4.46 0.00	89.03 -6.43 0.00	87.01 -5.08 0.00	156.30 -8.54 0.00	111.25 -6.83 0.00	128.70 -8.30 0.00	110.73 -7.71 -0.06	105.87 -8.14 0.56	119.70 -8.28 0.00	99.23 -5.72 0.00
QUEENSBRY_115KV_TB8 356137	131.11 5.84 -12.71	105.30 5.38 -2.83	89.72 4.66 0.00	83.22 4.36 0.00	87.52 4.80 0.00	133.92 7.96 0.00	168.58 9.53 -12.65	138.72 7.30 -20.65	147.72 8.42 -12.37	136.53 7.45 -6.45	96.05 4.67 -9.15	74.98 3.73 -7.63	70.95 3.75 -7.88	75.83 4.01 -12.13	76.65 4.30 -8.08	113.22 6.54 -11.22	133.68 6.66 -34.92	211.38 11.83 -34.72	142.17 8.73 -15.36	147.67 10.67 0.00	127.55 9.16 0.00	123.07 8.49 0.00	136.73 8.74 0.00	111.47 6.52 0.00
RAMAPO___LBMP 323565	178.66 6.10 -60.01	115.49 5.02 -13.38	89.00 3.94 0.00	82.41 3.56 0.00	86.54 3.82 0.00	132.52 6.56 0.00	214.32 8.18 -59.74	215.19 6.60 -97.81	193.05 7.37 -58.75	160.12 6.84 -30.66	130.39 4.69 -43.48	103.69 3.78 -36.28	100.61 3.60 -37.70	121.38 3.67 -58.03	107.24 4.31 -38.65	155.61 6.48 -53.67	265.35 6.55 -166.71	341.47 11.62 -165.02	199.44 8.38 -72.99	146.10 9.10 0.00	126.34 7.97 0.01	122.02 7.44 0.00	135.41 7.43 0.00	110.49 5.54 0.00
RANKINE____ 23646	107.00 -5.56 0.00	94.03 -3.06 0.00	83.00 -2.06 0.00	76.67 -2.19 0.00	80.37 -2.35 0.00	119.29 -6.67 0.00	137.54 -8.86 0.00	101.32 -7.07 2.39	111.08 -8.37 7.48	108.80 -7.46 6.38	66.04 -4.86 11.33	48.88 -3.99 10.76	52.40 -4.08 2.83	52.90 -4.39 2.39	56.34 -5.10 2.83	88.15 -7.19 0.11	87.09 -5.00 0.00	157.05 -7.78 0.00	111.13 -6.96 0.00	128.22 -8.78 0.00	109.44 -8.39 0.55	104.24 -9.23 1.10	120.17 -7.81 0.00	100.69 -4.26 0.00
RAVENSWOOD_GT2_1 24244	169.18 7.47 -49.16	114.19 6.14 -10.96	89.95 4.89 0.00	83.26 4.40 0.00	87.30 4.58 0.00	133.61 7.65 0.00	204.77 9.43 -48.94	198.62 7.73 -80.12	183.92 8.89 -48.11	156.14 8.41 -25.10	123.52 5.70 -35.60	97.87 4.55 -29.70	94.45 4.32 -30.82	111.49 4.37 -47.44	100.96 5.09 -31.60	146.92 7.58 -43.89	236.00 7.58 -136.33	313.21 13.41 -134.96	187.50 9.72 -59.69	147.74 10.73 0.00	127.74 9.37 0.01	123.45 8.87 0.00	136.95 8.97 0.00	111.64 6.69 0.00



RAVENSWOOD_GT2_2 24245	169.18 7.47 -49.16	114.19 6.14 -10.96	89.95 4.89 0.00	83.26 4.40 0.00	87.30 4.58 0.00	133.61 7.65 0.00	204.77 9.43 -48.94	198.62 7.73 -80.12	183.92 8.89 -48.11	156.14 8.41 -25.10	123.52 5.70 -35.60	97.87 4.55 -29.70	94.45 4.32 -30.82	111.49 4.37 -47.44	100.96 5.09 -31.60	146.92 7.58 -43.89	236.00 7.58 -136.33	313.21 13.41 -134.96	187.50 9.72 -59.69	147.74 10.73 0.00	127.74 9.37 0.01	123.45 8.87 0.00	136.95 8.97 0.00	111.64 6.69 0.00
RAVENSWOOD_GT2_3 24246	169.24 7.53 -49.16	114.25 6.19 -10.96	89.98 4.92 0.00	83.28 4.41 0.00	87.34 4.62 0.00	133.66 7.70 0.00	204.85 9.51 -48.94	198.70 7.80 -80.12	183.98 8.95 -48.11	156.19 8.46 -25.10	123.55 5.73 -35.60	97.90 4.58 -29.70	94.48 4.35 -30.82	111.51 4.39 -47.44	100.99 5.12 -31.60	146.96 7.62 -43.89	236.07 7.65 -136.33	313.26 13.46 -134.96	187.56 9.78 -59.69	147.82 10.81 0.00	127.82 9.45 0.01	123.53 8.95 0.00	137.02 9.04 0.00	111.70 6.75 0.00
RAVENSWOOD_GT2_4 24247	169.24 7.53 -49.16	114.25 6.19 -10.96	89.98 4.92 0.00	83.28 4.41 0.00	87.34 4.62 0.00	133.66 7.70 0.00	204.85 9.51 -48.94	198.70 7.80 -80.12	183.98 8.95 -48.11	156.19 8.46 -25.10	123.55 5.73 -35.60	97.90 4.58 -29.70	94.48 4.35 -30.82	111.51 4.39 -47.44	100.99 5.12 -31.60	146.96 7.62 -43.89	236.07 7.65 -136.33	313.26 13.46 -134.96	187.56 9.78 -59.69	147.82 10.81 0.00	127.82 9.45 0.01	123.53 8.95 0.00	137.02 9.04 0.00	111.70 6.75 0.00
RAVENSWOOD_GT3_1 24248	169.18 7.47 -49.16	114.20 6.15 -10.96	89.95 4.89 0.00	83.26 4.40 0.00	87.30 4.58 0.00	133.61 7.65 0.00	204.77 9.43 -48.94	198.62 7.73 -80.12	183.92 8.89 -48.11	156.14 8.41 -25.10	123.52 5.70 -35.60	97.87 4.55 -29.70	94.45 4.32 -30.82	111.49 4.37 -47.44	100.96 5.09 -31.60	146.92 7.58 -43.89	236.00 7.59 -136.33	313.21 13.41 -134.96	187.51 9.73 -59.69	147.74 10.73 0.00	127.75 9.38 0.01	123.45 8.87 0.00	136.96 8.97 0.00	111.64 6.69 0.00
RAVENSWOOD_GT3_2 24249	169.18 7.47 -49.16	114.20 6.15 -10.96	89.95 4.89 0.00	83.26 4.40 0.00	87.30 4.58 0.00	133.61 7.65 0.00	204.77 9.43 -48.94	198.62 7.73 -80.12	183.92 8.89 -48.11	156.14 8.41 -25.10	123.52 5.70 -35.60	97.87 4.55 -29.70	94.45 4.32 -30.82	111.49 4.37 -47.44	100.96 5.09 -31.60	146.92 7.58 -43.89	236.00 7.59 -136.33	313.21 13.41 -134.96	187.51 9.73 -59.69	147.74 10.73 0.00	127.75 9.38 0.01	123.45 8.87 0.00	136.96 8.97 0.00	111.64 6.69 0.00
RAVENSWOOD_GT3_3 24250	169.35 7.64 -49.16	114.34 6.29 -10.96	90.07 5.00 0.00	83.35 4.50 0.00	87.42 4.70 0.00	133.79 7.83 0.00	205.00 9.66 -48.94	198.82 7.93 -80.12	184.14 9.10 -48.11	156.35 8.61 -25.10	123.67 5.84 -35.60	97.97 4.65 -29.70	94.56 4.43 -30.82	111.60 4.48 -47.44	101.05 5.18 -31.60	147.07 7.72 -43.89	236.17 7.76 -136.33	313.52 13.72 -134.96	187.70 9.93 -59.69	148.00 10.99 0.00	127.95 9.58 0.01	123.67 9.09 0.00	137.15 9.17 0.00	111.82 6.87 0.00
RAVENSWOOD_GT3_4 24251	169.35 7.64 -49.16	114.34 6.29 -10.96	90.07 5.00 0.00	83.35 4.50 0.00	87.42 4.70 0.00	133.79 7.83 0.00	205.00 9.66 -48.94	198.82 7.93 -80.12	184.14 9.10 -48.11	156.35 8.61 -25.10	123.67 5.84 -35.60	97.97 4.65 -29.70	94.56 4.43 -30.82	111.60 4.48 -47.44	101.05 5.18 -31.60	147.07 7.72 -43.89	236.17 7.76 -136.33	313.52 13.72 -134.96	187.70 9.93 -59.69	148.00 10.99 0.00	127.95 9.58 0.01	123.67 9.09 0.00	137.15 9.17 0.00	111.82 6.87 0.00
RAVENSWOOD_GT_1 23729	169.46 7.75 -49.16	114.41 6.36 -10.96	90.09 5.03 0.00	83.36 4.50 0.00	87.40 4.68 0.00	133.64 7.68 0.00	204.86 9.53 -48.94	198.76 7.86 -80.12	184.14 9.10 -48.11	156.29 8.56 -25.10	123.61 5.78 -35.60	99.30 4.59 -31.09	95.10 4.38 -31.41	111.55 4.42 -47.44	101.02 5.15 -31.60	146.98 7.63 -43.89	236.02 7.60 -136.33	313.18 13.38 -134.96	187.51 9.74 -59.69	147.77 10.76 0.00	127.69 9.32 0.01	123.44 8.86 0.00	137.03 9.05 0.00	111.70 6.75 0.00
RAVENSWOOD_GT_10 24258	169.18 7.47 -49.16	114.19 6.14 -10.96	89.95 4.89 0.00	83.25 4.39 0.00	87.30 4.58 0.00	133.61 7.65 0.00	204.78 9.44 -48.94	198.62 7.73 -80.12	183.92 8.89 -48.11	156.15 8.41 -25.10	123.52 5.70 -35.60	98.17 4.56 -29.98	94.57 4.33 -30.94	111.49 4.37 -47.44	100.97 5.10 -31.60	146.92 7.58 -43.89	236.03 7.61 -136.33	313.23 13.43 -134.96	187.51 9.73 -59.69	147.77 10.77 0.00	127.78 9.42 0.01	123.46 8.88 0.00	136.97 8.99 0.00	111.65 6.70 0.00
RAVENSWOOD_GT_11 24259	169.18 7.47 -49.16	114.19 6.14 -10.96	89.95 4.89 0.00	83.25 4.39 0.00	87.30 4.58 0.00	133.61 7.65 0.00	204.78 9.44 -48.94	198.62 7.73 -80.12	183.92 8.89 -48.11	156.15 8.41 -25.10	123.52 5.70 -35.60	98.17 4.56 -29.98	94.57 4.33 -30.94	111.49 4.37 -47.44	100.97 5.10 -31.60	146.92 7.58 -43.89	236.03 7.61 -136.33	313.23 13.43 -134.96	187.51 9.73 -59.69	147.77 10.77 0.00	127.78 9.42 0.01	123.46 8.88 0.00	136.97 8.99 0.00	111.65 6.70 0.00
RAVENSWOOD_GT_4 24252	169.18 7.47 -49.16	114.20 6.15 -10.96	89.96 4.90 0.00	83.26 4.40 0.00	87.31 4.59 0.00	133.66 7.70 0.00	204.80 9.46 -48.94	198.64 7.75 -80.12	183.92 8.89 -48.11	156.15 8.42 -25.10	123.55 5.72 -35.60	96.77 4.57 -28.58	94.00 4.34 -30.35	111.51 4.38 -47.44	100.98 5.10 -31.60	146.96 7.62 -43.89	236.06 7.64 -136.33	313.29 13.49 -134.96	187.56 9.78 -59.69	147.82 10.81 0.00	127.83 9.46 0.01	123.53 8.95 0.00	137.01 9.03 0.00	111.70 6.75 0.00
RAVENSWOOD_GT_5 24254	169.18 7.47 -49.16	114.20 6.15 -10.96	89.96 4.90 0.00	83.26 4.40 0.00	87.31 4.59 0.00	133.66 7.70 0.00	204.80 9.46 -48.94	198.64 7.75 -80.12	183.92 8.89 -48.11	156.15 8.42 -25.10	123.55 5.72 -35.60	96.77 4.57 -28.58	94.00 4.34 -30.35	111.51 4.38 -47.44	100.98 5.10 -31.60	146.96 7.62 -43.89	236.06 7.64 -136.33	313.29 13.49 -134.96	187.56 9.78 -59.69	147.82 10.81 0.00	127.83 9.46 0.01	123.53 8.95 0.00	137.01 9.03 0.00	111.70 6.75 0.00
RAVENSWOOD_GT_6 24253	169.18 7.47 -49.16	114.20 6.15 -10.96	89.96 4.90 0.00	83.26 4.40 0.00	87.31 4.59 0.00	133.66 7.70 0.00	204.80 9.46 -48.94	198.64 7.75 -80.12	183.92 8.89 -48.11	156.15 8.42 -25.10	123.55 5.72 -35.60	96.77 4.57 -28.58	94.00 4.34 -30.35	111.51 4.38 -47.44	100.98 5.10 -31.60	146.96 7.62 -43.89	236.06 7.64 -136.33	313.29 13.49 -134.96	187.56 9.78 -59.69	147.82 10.81 0.00	127.83 9.46 0.01	123.53 8.95 0.00	137.01 9.03 0.00	111.70 6.75 0.00
RAVENSWOOD_GT_7 24255	169.18 7.47 -49.16	114.20 6.15 -10.96	89.96 4.90 0.00	83.26 4.40 0.00	87.31 4.59 0.00	133.66 7.70 0.00	204.80 9.46 -48.94	198.64 7.75 -80.12	183.92 8.89 -48.11	156.15 8.42 -25.10	123.55 5.72 -35.60	96.77 4.57 -28.58	94.00 4.34 -30.35	111.51 4.38 -47.44	100.98 5.10 -31.60	146.96 7.62 -43.89	236.06 7.64 -136.33	313.29 13.49 -134.96	187.56 9.78 -59.69	147.82 10.81 0.00	127.83 9.46 0.01	123.53 8.95 0.00	137.01 9.03 0.00	111.70 6.75 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	169.18 7.47 -49.16	114.19 6.14 -10.96	89.95 4.89 0.00	83.25 4.39 0.00	87.30 4.58 0.00	133.61 7.65 0.00	204.78 9.44 -48.94	198.62 7.73 -80.12	183.92 8.89 -48.11	156.15 8.41 -25.10	123.52 5.70 -35.60	98.17 4.56 -29.98	94.57 4.33 -30.94	111.49 4.37 -47.44	100.97 5.10 -31.60	146.92 7.58 -43.89	236.03 7.61 -136.33	313.23 13.43 -134.96	187.51 9.73 -59.69	147.77 10.77 0.00	127.78 9.42 0.01	123.46 8.88 0.00	136.97 8.99 0.00	111.65 6.70 0.00

RAVENSWOOD_GT_9 24257	169.18 7.47 -49.16	114.19 6.14 -10.96	89.95 4.89 0.00	83.25 4.39 0.00	87.30 4.58 0.00	133.61 7.65 0.00	204.78 9.44 -48.94	198.62 7.73 -80.12	183.92 8.89 -48.11	156.15 8.41 -25.10	123.52 5.70 -35.60	98.17 4.56 -29.98	94.57 4.33 -30.94	111.49 4.37 -47.44	100.97 5.10 -31.60	146.92 7.58 -43.89	236.03 7.61 -136.33	313.23 13.43 -134.96	187.51 9.73 -59.69	147.77 10.77 0.00	127.78 9.42 0.01	123.46 8.88 0.00	136.97 8.99 0.00	111.65 6.70 0.00
RAVENSWOOD___1 23533	169.24 7.53 -49.16	114.27 6.22 -10.96	89.97 4.91 0.00	83.23 4.37 0.00	87.29 4.57 0.00	133.52 7.56 0.00	204.71 9.37 -48.94	198.60 7.70 -80.12	183.97 8.93 -48.11	156.07 8.33 -25.10	123.46 5.64 -35.60	99.57 4.47 -31.47	95.15 4.27 -31.57	111.42 4.30 -47.44	100.92 5.05 -31.60	146.83 7.48 -43.89	235.90 7.48 -136.33	312.91 13.11 -134.96	187.30 9.53 -59.69	147.53 10.52 0.00	127.54 9.17 0.01	123.29 8.71 0.00	136.80 8.82 0.00	111.52 6.57 0.00
RAVENSWOOD___2 23534	169.24 7.53 -49.16	114.27 6.22 -10.96	89.97 4.91 0.00	83.23 4.37 0.00	87.29 4.57 0.00	133.52 7.56 0.00	204.71 9.37 -48.94	198.60 7.70 -80.12	183.97 8.93 -48.11	156.07 8.33 -25.10	123.46 5.64 -35.60	99.57 4.47 -31.47	95.15 4.27 -31.57	111.42 4.30 -47.44	100.92 5.05 -31.60	146.83 7.48 -43.89	235.90 7.48 -136.33	312.91 13.11 -134.96	187.30 9.53 -59.69	147.53 10.52 0.00	127.54 9.17 0.01	123.29 8.71 0.00	136.80 8.82 0.00	111.52 6.57 0.00
RAVENSWOOD___3 23535	169.18 7.46 -49.16	114.20 6.15 -10.96	89.95 4.89 0.00	83.24 4.38 0.00	87.30 4.58 0.00	133.61 7.65 0.00	204.78 9.45 -48.94	198.58 7.69 -80.12	183.91 8.88 -48.11	156.07 8.34 -25.10	123.52 5.69 -35.60	97.86 4.54 -29.70	94.45 4.33 -30.82	111.48 4.36 -47.44	100.95 5.08 -31.60	146.92 7.58 -43.89	236.03 7.61 -136.33	313.19 13.39 -134.96	187.45 9.67 -59.69	147.76 10.76 0.00	127.76 9.39 0.01	123.47 8.89 0.00	136.96 8.98 0.00	111.66 6.71 0.00
RAVENSWOOD___4 23820	169.24 7.53 -49.16	114.27 6.22 -10.96	89.97 4.91 0.00	83.23 4.37 0.00	87.29 4.57 0.00	133.52 7.56 0.00	204.71 9.37 -48.94	198.60 7.70 -80.12	183.97 8.93 -48.11	156.07 8.33 -25.10	123.46 5.64 -35.60	99.57 4.47 -31.47	95.15 4.27 -31.57	111.42 4.30 -47.44	100.92 5.05 -31.60	146.83 7.48 -43.89	235.90 7.48 -136.33	312.91 13.11 -134.96	187.30 9.53 -59.69	147.53 10.52 0.00	127.54 9.17 0.01	123.29 8.71 0.00	136.80 8.82 0.00	111.52 6.57 0.00
RCPL_TRUST___DRP 24196	169.31 7.53 -49.22	114.26 6.19 -10.98	90.01 4.94 0.00	83.29 4.43 0.00	87.37 4.65 0.00	133.75 7.79 0.00	204.98 9.58 -49.00	198.82 7.82 -80.22	184.08 8.99 -48.17	156.36 8.60 -25.14	123.74 5.87 -35.64	98.21 4.67 -29.91	94.69 4.45 -30.94	111.67 4.49 -47.50	101.13 5.22 -31.64	147.17 7.77 -43.94	236.36 7.77 -136.51	313.67 13.69 -135.14	187.76 9.91 -59.77	147.94 10.94 0.00	127.92 9.55 0.01	123.57 9.00 0.00	137.10 9.12 0.00	111.76 6.82 0.00
RED___ROCHESTER 323720	107.28 -4.72 0.55	92.54 -3.28 1.28	80.78 -2.55 1.73	74.29 -2.48 2.09	78.93 -2.56 1.23	119.66 -5.48 0.82	137.64 -6.71 2.04	103.79 -5.05 1.94	115.22 -5.62 6.09	102.45 -5.01 15.17	69.27 -3.28 9.68	61.24 -2.39 0.00	54.27 -2.70 2.34	53.45 -2.99 3.25	59.52 -3.41 1.35	88.35 -4.71 2.39	81.00 -3.33 7.77	154.43 -4.92 5.48	112.50 -4.48 1.10	130.16 -5.68 1.16	110.58 -5.65 2.16	103.85 -6.27 4.46	116.22 -5.92 5.84	88.49 -3.58 12.87
REGAN___SOLAR 323812	129.97 7.38 -10.04	105.70 6.37 -2.24	90.62 5.56 0.00	83.91 5.05 0.00	88.18 5.46 0.00	134.70 8.74 0.00	167.09 10.71 -9.99	135.29 8.38 -16.13	145.44 8.98 -9.53	135.13 7.53 -4.97	94.15 4.87 -7.05	73.06 3.55 -5.88	69.04 3.65 -6.08	72.60 3.56 -9.36	74.37 3.87 -6.23	110.59 6.48 -8.65	126.52 7.29 -27.14	205.95 13.71 -27.40	139.94 9.73 -12.13	148.32 11.32 0.00	127.91 9.54 0.01	123.33 8.76 0.00	137.28 9.30 0.00	112.25 7.30 0.00
RENSSELAER___COGEN 23796	129.57 2.76 -14.26	102.40 2.13 -3.18	86.92 1.86 0.00	80.94 2.08 0.00	84.67 1.95 0.00	129.26 3.30 0.00	164.57 3.99 -14.19	136.86 2.89 -23.20	144.20 3.35 -13.92	132.95 3.06 -7.26	94.77 2.24 -10.30	74.41 2.20 -8.58	70.29 2.14 -8.84	75.50 2.21 -13.61	75.72 2.39 -9.06	110.56 2.53 -12.57	133.51 2.32 -39.10	207.71 4.07 -38.80	138.13 2.88 -17.16	140.49 3.49 0.00	121.80 3.42 0.00	118.64 4.06 0.00	131.99 4.02 0.00	108.22 3.27 0.00
REPUBLIC_115KV_BARTNBRK 55605	135.70 10.39 -12.75	110.32 10.38 -2.84	94.23 9.17 0.00	87.37 8.51 0.00	92.09 9.38 0.00	140.94 14.98 0.00	177.36 18.27 -12.69	145.66 14.16 -20.72	156.07 16.73 -12.41	143.23 14.13 -6.48	100.29 8.88 -9.18	77.62 6.34 -7.65	73.61 6.39 -7.91	78.42 6.55 -12.18	79.54 7.16 -8.11	118.37 11.66 -11.26	139.32 12.18 -35.04	221.09 21.42 -34.84	149.47 15.97 -15.41	156.91 19.91 0.00	135.79 17.41 0.00	130.25 15.67 0.00	144.24 16.26 0.00	117.08 12.14 0.00
REVERE_CPWR_DRP 24186	116.86 4.30 0.00	100.80 3.71 0.00	88.27 3.21 0.00	81.83 2.97 0.00	86.00 3.28 0.00	131.44 5.48 0.00	153.47 7.08 0.00	116.35 5.58 0.00	133.48 6.55 0.00	129.25 6.62 0.00	86.81 4.58 0.00	67.06 3.44 0.00	62.12 2.81 0.00	62.58 2.90 0.00	67.55 3.28 0.00	100.43 4.98 0.00	97.33 5.24 0.00	173.79 8.96 0.00	124.59 6.50 0.00	144.50 7.50 0.00	124.68 6.30 0.00	120.27 5.69 0.00	133.93 5.95 0.00	109.59 4.64 0.00
REYNOLDS_115KV_TB3 80639	130.30 3.53 -14.21	103.04 2.78 -3.17	87.51 2.45 0.00	81.39 2.54 0.00	85.25 2.53 0.00	130.20 4.24 0.00	165.57 5.02 -14.15	137.49 3.59 -23.12	144.96 4.16 -13.87	133.73 3.86 -7.24	95.28 2.79 -10.26	74.80 2.62 -8.55	70.61 2.48 -8.83	75.81 2.54 -13.59	76.11 2.79 -9.05	111.34 3.32 -12.56	134.24 3.10 -39.06	209.04 5.44 -38.76	139.11 3.88 -17.15	141.70 4.70 0.00	122.82 4.44 0.00	119.50 4.93 0.00	132.89 4.91 0.00	108.94 3.99 0.00
RIVERBAY____ 323610	169.06 7.35 -49.16	114.24 6.19 -10.96	89.92 4.85 0.00	83.19 4.33 0.00	87.29 4.57 0.00	133.73 7.77 0.00	205.36 10.02 -48.94	199.25 8.36 -80.12	184.63 9.59 -48.11	156.48 8.75 -25.10	123.72 5.89 -35.60	98.26 4.66 -29.98	94.62 4.38 -30.94	111.54 4.42 -47.44	101.01 5.14 -31.60	147.06 7.71 -43.89	236.35 7.93 -136.33	313.55 13.75 -134.96	187.91 10.13 -59.69	148.10 11.10 0.00	128.17 9.81 0.01	123.99 9.42 0.00	137.40 9.42 0.00	111.83 6.88 0.00
RIVERSIDE_115KV_TB3 55908	129.90 3.31 -14.03	102.79 2.57 -3.13	87.33 2.27 0.00	81.28 2.42 0.00	85.08 2.36 0.00	129.90 3.94 0.00	165.08 4.72 -13.97	137.00 3.40 -22.83	144.58 3.96 -13.69	133.43 3.66 -7.14	95.02 2.66 -10.13	74.61 2.55 -8.44	70.45 2.43 -8.71	75.57 2.48 -13.41	75.89 2.69 -8.93	110.92 3.07 -12.39	133.47 2.83 -38.54	208.14 5.04 -38.26	138.56 3.55 -16.93	141.27 4.27 0.00	122.48 4.10 0.00	119.25 4.68 0.00	132.59 4.61 0.00	108.71 3.76 0.00
ROARING___BROOK_WT_PWR 323790	112.89 0.33 0.00	97.46 0.36 0.00	85.45 0.38 0.00	79.18 0.32 0.00	83.01 0.30 0.00	126.18 0.22 0.00	146.44 0.04 0.00	110.70 -0.08 0.00	126.81 -0.11 0.00	122.60 -0.03 0.00	82.12 -0.11 0.00	63.46 -0.17 0.00	59.18 -0.12 0.00	59.40 -0.28 0.00	63.91 -0.36 0.00	94.76 -0.69 0.00	91.39 -0.70 0.00	163.49 -1.35 0.00	117.15 -0.93 0.00	135.82 -1.19 0.00	117.36 -1.03 0.00	113.69 -0.89 0.00	127.31 -0.67 0.00	104.52 -0.43 0.00

ROCHESRG_115KV_T4 355643	106.72 -5.84 0.00	92.90 -4.19 0.00	81.70 -3.37 0.00	75.63 -3.23 0.00	79.38 -3.34 0.00	119.26 -6.70 0.00	138.19 -8.21 0.00	104.17 -6.31 0.30	118.83 -7.23 0.88	115.06 -6.64 0.94	75.72 -4.35 2.15	58.21 -3.30 2.11	55.10 -3.42 0.80	55.33 -3.68 0.67	59.28 -4.19 0.80	89.44 -6.00 0.02	87.66 -4.46 -0.03	157.58 -7.27 -0.01	112.21 -6.13 -0.26	129.47 -7.54 0.00	111.78 -7.13 -0.52	106.35 -7.61 0.61	120.62 -7.36 0.00	100.26 -4.69 0.00
ROCHESTER_9_IC 23652	107.28 -5.27 0.00	93.38 -3.71 0.00	82.12 -2.94 0.00	76.03 -2.83 0.00	79.80 -2.92 0.00	119.96 -6.01 0.00	139.00 -7.39 0.00	105.12 -5.67 -0.02	120.56 -6.46 -0.09	116.76 -5.91 -0.04	78.37 -3.85 0.00	60.72 -2.91 0.00	56.25 -3.06 0.00	56.36 -3.33 0.00	60.45 -3.82 0.00	90.05 -5.42 0.00	88.32 -3.80 -0.03	158.73 -6.11 -0.01	113.13 -5.30 -0.34	130.40 -6.60 0.00	112.70 -6.33 -0.65	107.03 -6.92 0.62	121.35 -6.63 0.00	100.85 -4.10 0.00
ROCKVIEW_13_KV_LD 356306	169.53 7.79 -49.18	114.48 6.42 -10.97	90.23 5.17 0.00	83.51 4.66 0.00	87.61 4.89 0.00	134.19 8.23 0.00	205.50 10.14 -48.96	199.11 8.18 -80.15	184.34 9.28 -48.13	156.54 8.79 -25.11	123.84 6.00 -35.61	98.28 4.77 -29.89	94.74 4.52 -30.91	111.74 4.60 -47.45	101.21 5.33 -31.61	147.35 7.99 -43.90	236.48 8.00 -136.38	314.04 14.18 -135.02	188.07 10.27 -59.72	148.39 11.38 0.00	128.31 9.94 0.01	123.93 9.36 0.00	137.48 9.50 0.00	112.16 7.21 0.00
ROME____115KV_TB2 80656	116.86 4.30 0.00	100.80 3.71 0.00	88.27 3.21 0.00	81.83 2.97 0.00	86.00 3.28 0.00	131.44 5.48 0.00	153.47 7.08 0.00	116.35 5.58 0.00	133.48 6.55 0.00	129.25 6.62 0.00	86.81 4.58 0.00	67.06 3.44 0.00	62.12 2.81 0.00	62.58 2.90 0.00	67.55 3.28 0.00	100.43 4.98 0.00	97.33 5.24 0.00	173.79 8.96 0.00	124.59 6.50 0.00	144.50 7.50 0.00	124.68 6.30 0.00	120.27 5.69 0.00	133.93 5.95 0.00	109.59 4.64 0.00
ROSETON___1 23587	156.05 6.30 -37.19	110.54 5.15 -8.29	89.18 4.11 0.00	82.56 3.71 0.00	86.63 3.92 0.00	132.79 6.83 0.00	191.88 8.49 -36.99	178.10 6.81 -60.51	171.11 7.75 -36.43	148.92 7.28 -19.02	114.17 4.96 -26.98	90.11 3.98 -22.50	86.50 3.80 -23.39	99.53 3.85 -36.00	92.73 4.50 -23.96	135.38 6.70 -33.22	202.08 6.75 -103.24	279.10 11.95 -102.31	171.95 8.63 -45.23	146.46 9.45 0.00	126.63 8.26 0.01	122.33 7.76 0.00	135.79 7.81 0.00	110.82 5.87 0.00
ROSETON___2 23588	161.06 6.30 -42.20	111.66 5.15 -9.41	89.18 4.11 0.00	82.56 3.71 0.00	86.63 3.92 0.00	132.79 6.83 0.00	196.89 8.49 -42.01	186.36 7.75 -68.76	175.95 7.75 -41.27	151.44 7.28 -21.53	117.72 4.96 -30.54	93.09 3.98 -25.48	89.56 3.80 -26.45	104.24 3.85 -40.71	95.89 4.50 -27.12	139.83 6.70 -37.67	215.88 6.75 -117.04	292.68 11.95 -115.90	177.98 8.63 -51.26	146.46 9.45 0.00	126.63 8.26 0.01	122.33 7.76 0.00	135.79 7.81 0.00	110.82 5.87 0.00
ROTTDAM_115KV_TB3 80664	127.97 3.43 -11.98	102.64 2.87 -2.67	87.52 2.46 0.00	81.15 2.29 0.00	85.19 2.47 0.00	130.08 4.12 0.00	163.27 4.95 -11.92	133.96 3.73 -19.45	142.82 4.25 -11.64	132.51 3.80 -6.07	93.43 2.59 -8.61	72.96 2.16 -7.18	68.83 2.10 -7.42	73.29 2.19 -11.42	74.31 2.43 -7.61	109.54 3.52 -10.56	128.54 3.56 -32.89	203.83 6.27 -32.72	137.11 4.54 -14.48	142.33 5.33 0.00	123.08 4.70 0.00	119.07 4.49 0.00	132.64 4.66 0.00	108.57 3.62 0.00
RUSSELL___1 23602	107.82 -4.74 0.00	93.83 -3.27 0.00	82.51 -2.55 0.00	76.38 -2.48 0.00	80.17 -2.55 0.00	120.47 -5.49 0.00	139.68 -6.72 0.00	105.67 -5.12 -0.02	121.21 -5.81 -0.09	117.40 -5.27 -0.04	78.80 -3.43 0.00	61.05 -2.57 0.00	56.58 -2.73 0.00	56.67 -3.02 0.00	60.80 -3.48 0.00	90.62 -4.84 0.00	88.89 -3.23 -0.03	159.81 -5.03 -0.01	113.90 -4.52 -0.34	131.28 -5.72 0.00	113.40 -5.63 -0.65	107.66 -6.29 0.62	122.05 -5.93 0.00	101.34 -3.60 0.00
RUSSELL___2 23532	107.82 -4.74 0.00	93.83 -3.27 0.00	82.51 -2.55 0.00	76.38 -2.48 0.00	80.17 -2.55 0.00	120.47 -5.49 0.00	139.68 -6.72 0.00	105.67 -5.12 -0.02	121.21 -5.81 -0.09	117.40 -5.27 -0.04	78.80 -3.43 0.00	61.05 -2.57 0.00	56.58 -2.73 0.00	56.67 -3.02 0.00	60.80 -3.48 0.00	90.62 -4.84 0.00	88.89 -3.23 -0.03	159.81 -5.03 -0.01	113.90 -4.52 -0.34	131.28 -5.72 0.00	113.40 -5.63 -0.65	107.66 -6.29 0.62	122.05 -5.93 0.00	101.34 -3.60 0.00
RUSSELL___3 23549	107.82 -4.74 0.00	93.83 -3.27 0.00	82.51 -2.55 0.00	76.38 -2.48 0.00	80.17 -2.55 0.00	120.47 -5.49 0.00	139.68 -6.72 0.00	105.67 -5.12 -0.02	121.21 -5.81 -0.09	117.40 -5.27 -0.04	78.80 -3.43 0.00	61.05 -2.57 0.00	56.58 -2.73 0.00	56.67 -3.02 0.00	60.80 -3.48 0.00	90.62 -4.84 0.00	88.89 -3.23 -0.03	159.81 -5.03 -0.01	113.90 -4.52 -0.34	131.28 -5.72 0.00	113.40 -5.63 -0.65	107.66 -6.29 0.62	122.05 -5.93 0.00	101.34 -3.60 0.00
RUSSELL___4 23556	107.82 -4.74 0.00	93.83 -3.27 0.00	82.51 -2.55 0.00	76.38 -2.48 0.00	80.17 -2.55 0.00	120.47 -5.49 0.00	139.68 -6.72 0.00	105.67 -5.12 -0.02	121.21 -5.81 -0.09	117.40 -5.27 -0.04	78.80 -3.43 0.00	61.05 -2.57 0.00	56.58 -2.73 0.00	56.67 -3.02 0.00	60.80 -3.48 0.00	90.62 -4.84 0.00	88.89 -3.23 -0.03	159.81 -5.03 -0.01	113.90 -4.52 -0.34	131.28 -5.72 0.00	113.40 -5.63 -0.65	107.66 -6.29 0.62	122.05 -5.93 0.00	101.34 -3.60 0.00
RUSSELL__STATION 23914	107.82 -4.74 0.00	93.83 -3.27 0.00	82.51 -2.55 0.00	76.38 -2.48 0.00	80.17 -2.55 0.00	120.47 -5.49 0.00	139.68 -6.72 0.00	105.67 -5.12 -0.02	121.21 -5.81 -0.09	117.40 -5.27 -0.04	78.80 -3.43 0.00	61.05 -2.57 0.00	56.58 -2.73 0.00	56.67 -3.02 0.00	60.80 -3.48 0.00	90.62 -4.84 0.00	88.89 -3.23 -0.03	159.81 -5.03 -0.01	113.90 -4.52 -0.34	131.28 -5.72 0.00	113.40 -5.63 -0.65	107.66 -6.29 0.62	122.05 -5.93 0.00	101.34 -3.60 0.00
S SALMON__HYD 24043	110.66 -1.90 0.00	95.43 -1.66 0.00	83.61 -1.45 0.00	77.50 -1.36 0.00	81.38 -1.34 0.00	124.05 -1.91 0.00	144.37 -2.02 0.00	109.59 -1.19 0.00	125.69 -1.24 0.00	121.66 -0.97 0.00	81.58 -0.65 0.00	63.19 -0.43 0.00	58.96 -0.35 0.00	59.19 -0.49 0.00	63.76 -0.51 0.00	94.73 -0.72 0.00	91.78 -0.31 0.00	164.27 -0.57 0.00	117.63 -0.45 0.00	136.38 -0.63 0.00	117.74 -0.65 0.00	113.64 -0.93 0.00	126.83 -1.15 0.00	103.98 -0.97 0.00
S.PERRY__115KV_TB1 80734	107.65 -4.90 0.00	93.75 -3.34 0.00	82.63 -2.43 0.00	76.54 -2.32 0.00	80.17 -2.54 0.00	120.07 -5.89 0.00	140.03 -6.36 0.00	113.96 -4.49 -7.67	143.07 -7.32 -23.47	138.70 -7.04 -23.11	125.60 -5.13 -48.50	105.68 -4.18 -46.24	70.50 -5.08 -16.26	68.12 -5.25 -13.69	74.46 -6.25 -16.44	88.39 -7.55 -0.49	88.16 -3.93 0.00	161.42 -3.41 0.00	115.13 -2.96 0.00	132.87 -4.13 0.00	113.79 -4.44 0.15	107.29 -5.70 1.59	122.45 -5.53 0.00	101.24 -3.71 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	104.97 -7.59 0.00	92.28 -4.81 0.00	81.43 -3.64 0.00	75.26 -3.60 0.00	78.88 -3.84 0.00	117.01 -8.95 0.00	134.69 -11.71 0.00	99.09 -9.39 2.30	108.85 -10.89 7.19	106.38 -9.89 6.37	63.78 -6.52 11.94	47.13 -5.10 11.39	50.76 -5.13 3.41	51.34 -5.48 2.87	54.57 -6.28 3.42	86.30 -9.03 0.13	85.20 -6.84 0.04	153.56 -11.27 0.01	108.16 -9.47 0.45	125.30 -11.70 0.00	106.09 -10.91 1.39	102.00 -11.53 1.04	117.66 -10.32 0.00	98.86 -6.09 0.00

SAWYER___23_KV_LOAD 55526	104.97 -7.59 0.00	92.28 -4.81 0.00	81.43 -3.64 0.00	75.26 -3.60 0.00	78.88 -3.84 0.00	117.01 -8.95 0.00	134.69 -11.71 0.00	99.09 -9.39 2.30	108.85 -10.89 7.19	106.38 -9.89 6.37	63.78 -6.52 11.94	47.13 -5.10 11.39	50.76 -5.13 3.41	51.34 -5.48 2.87	54.57 -6.28 3.42	86.30 -9.03 0.13	85.20 -6.84 0.04	153.56 -11.27 0.01	108.16 -9.47 0.45	125.30 -11.70 0.00	106.09 -10.91 1.39	102.00 -11.53 1.04	117.66 -10.32 0.00	98.86 -6.09 0.00
SELKIRK___I 23801	132.14 3.02 -16.56	103.28 2.49 -3.69	87.29 2.22 0.00	81.19 2.33 0.00	85.05 2.33 0.00	129.72 3.76 0.00	167.32 4.44 -16.49	140.85 3.10 -26.97	146.78 3.61 -16.24	134.35 3.24 -8.48	96.53 2.28 -12.02	75.62 2.02 -9.98	71.56 2.09 -10.17	77.57 2.24 -15.64	77.08 2.41 -10.40	112.81 2.95 -14.40	139.60 2.73 -44.78	214.02 4.78 -44.41	141.14 3.41 -19.65	141.22 4.21 0.00	122.34 3.95 0.00	118.83 4.25 0.00	132.40 4.42 0.00	108.63 3.68 0.00
SELKIRK___II 23799	129.80 2.88 -14.35	102.57 2.27 -3.20	87.03 1.96 0.00	80.90 2.04 0.00	84.74 2.02 0.00	129.38 3.42 0.00	164.78 4.09 -14.29	137.12 2.98 -23.36	144.42 3.47 -14.03	133.14 3.19 -7.32	94.91 2.30 -10.38	74.40 2.13 -8.64	70.26 2.06 -8.89	75.52 2.15 -13.68	75.73 2.35 -9.11	110.91 2.82 -12.63	134.01 2.63 -39.29	208.42 4.61 -38.98	138.60 3.28 -17.24	140.91 3.91 0.00	122.08 3.70 0.00	118.64 4.06 0.00	132.05 4.07 0.00	108.25 3.30 0.00
SENECA OSWGO___HYD 24041	108.74 -3.82 0.00	93.81 -3.28 0.00	82.19 -2.87 0.00	76.22 -2.64 0.00	80.02 -2.70 0.00	121.82 -4.14 0.00	141.84 -4.56 0.00	107.64 -3.13 0.00	123.44 -3.49 0.00	119.22 -3.41 0.00	79.98 -2.25 0.00	61.90 -1.73 0.00	57.67 -1.64 0.00	58.03 -1.66 0.00	62.54 -1.74 0.00	92.90 -2.56 0.00	90.06 -2.03 0.00	161.45 -3.39 0.00	115.36 -2.72 0.00	133.80 -3.20 0.00	115.40 -2.99 0.00	111.44 -3.14 0.00	124.41 -3.57 0.00	102.12 -2.83 0.00
SENECA___115KV_TB3 355854	107.21 -5.35 0.00	94.21 -2.88 0.00	83.13 -1.94 0.00	76.80 -2.05 0.00	80.51 -2.21 0.00	119.51 -6.46 0.00	137.80 -8.60 0.00	101.54 -6.84 2.39	111.33 -8.12 7.48	109.04 -7.21 6.38	66.19 -4.70 11.33	49.01 -3.86 10.76	52.51 -3.97 2.83	53.02 -4.28 2.39	56.45 -4.99 2.83	88.33 -7.01 0.11	87.27 -4.82 0.00	157.38 -7.45 0.00	111.36 -6.72 0.00	128.50 -8.50 0.00	109.68 -8.16 0.55	104.45 -9.02 1.10	120.42 -7.56 0.00	100.87 -4.08 0.00
SENECA___ENERGY 23797	110.60 -1.96 0.00	95.66 -1.43 0.00	84.13 -0.93 0.00	77.88 -0.98 0.00	81.72 -1.00 0.00	123.54 -2.42 0.00	144.31 -2.08 0.00	110.87 -0.43 -0.52	127.18 0.00 -0.25	120.81 0.05 1.87	83.65 0.23 -1.19	66.78 -0.11 -3.27	59.41 -0.50 -0.60	59.14 -0.75 -0.21	64.15 -0.97 -0.84	93.63 -1.77 0.06	91.43 -0.67 0.00	164.19 -0.64 0.00	117.42 -0.66 0.00	135.91 -1.09 0.00	116.93 -1.46 0.00	112.09 -2.25 0.24	125.62 -2.37 0.00	103.58 -1.37 0.00
SHOEMAKER___GT 23640	-8.79 5.29 126.64	73.18 4.33 28.24	88.49 3.43 0.00	81.96 3.10 0.00	86.05 3.33 0.00	131.73 5.77 0.00	27.52 7.21 126.08	-89.18 5.89 205.84	10.40 6.59 123.12	64.52 6.13 64.24	-4.82 4.05 91.10	-9.02 3.33 75.98	-16.20 3.20 78.71	-58.21 3.25 121.15	-12.52 3.92 80.71	-10.82 5.83 112.11	-250.81 6.08 348.98	-171.44 10.78 347.05	-27.55 7.84 153.48	145.69 8.69 0.00	125.91 7.54 0.02	121.60 7.03 0.00	135.09 7.11 0.00	110.32 5.37 0.00
SHOEMAKR_138KV_BK 111 55601	-63.79 5.23 181.57	60.88 4.28 40.49	88.46 3.40 0.00	81.93 3.07 0.00	85.99 3.27 0.00	131.62 5.66 0.00	-27.23 7.14 180.77	-178.65 5.83 295.25	-43.28 6.50 176.71	36.50 6.07 92.20	-44.48 4.05 130.76	-42.10 3.33 109.06	-50.52 3.19 113.02	-111.00 3.25 173.94	-47.73 3.88 115.88	-59.71 5.78 160.95	-402.79 5.99 500.87	-322.27 10.64 497.75	-94.28 7.77 220.13	145.56 8.55 0.00	125.82 7.45 0.02	121.51 6.94 0.00	134.99 7.00 0.00	110.23 5.28 0.00
SHOREHAM_IC_1 23715	171.15 10.39 -48.21	117.09 9.05 -10.95	92.73 7.67 0.00	85.92 7.07 0.00	90.10 7.38 0.00	137.47 11.51 0.00	208.13 12.86 -48.88	200.43 9.64 -80.01	185.76 10.78 -48.04	158.50 10.81 -25.07	125.74 7.96 -35.55	99.47 6.18 -29.66	95.31 5.22 -30.78	112.68 5.62 -47.38	103.08 7.25 -31.56	150.65 11.36 -43.83	237.72 9.80 -135.83	315.87 16.24 -134.79	190.80 13.10 -59.62	152.37 15.37 0.00	131.69 13.32 0.01	127.31 12.73 0.00	140.26 12.28 0.00	115.29 10.34 0.00
SHOREHAM_IC_2 23716	171.15 10.39 -48.21	117.09 9.05 -10.95	92.73 7.67 0.00	85.92 7.07 0.00	90.10 7.38 0.00	137.47 11.51 0.00	208.13 12.86 -48.88	200.43 9.64 -80.01	185.76 10.78 -48.04	158.50 10.81 -25.07	125.74 7.96 -35.55	99.47 6.18 -29.66	95.31 5.22 -30.78	112.68 5.62 -47.38	103.08 7.25 -31.56	150.65 11.36 -43.83	237.72 9.80 -135.83	315.87 16.24 -134.79	190.80 13.10 -59.62	152.37 15.37 0.00	131.69 13.32 0.01	127.31 12.73 0.00	140.26 12.28 0.00	115.29 10.34 0.00
SISSONVILLE____ 23735	114.56 2.01 0.00	99.04 1.95 0.00	86.96 1.90 0.00	80.57 1.71 0.00	84.41 1.70 0.00	127.62 1.66 0.00	146.51 0.12 0.00	110.47 -0.30 0.00	126.50 -0.43 0.00	122.91 0.28 0.00	82.54 0.31 0.00	63.65 0.03 0.00	60.32 1.01 0.00	59.90 0.22 0.00	64.10 -0.17 0.00	95.06 -0.40 0.00	90.98 -1.11 0.00	161.64 -3.19 0.00	115.21 -2.88 0.00	133.34 -3.67 0.00	115.18 -3.21 0.00	112.16 -2.42 0.00	127.29 -0.69 0.00	105.13 0.19 0.00
SITHE_IND_GS1 24169	107.90 -4.65 0.00	93.15 -3.95 0.00	81.65 -3.41 0.00	75.67 -3.19 0.00	79.41 -3.31 0.00	120.84 -5.12 0.00	140.54 -5.85 0.00	106.36 -4.41 0.00	121.89 -5.04 0.00	117.77 -4.86 0.00	79.02 -3.21 0.00	61.14 -2.48 0.00	56.95 -2.36 0.00	57.33 -2.36 0.00	61.73 -2.54 0.00	91.69 -3.77 0.00	88.82 -3.28 0.00	159.11 -5.73 0.00	113.79 -4.29 0.00	132.00 -5.01 0.00	113.92 -4.47 -0.01	110.03 -4.55 0.00	122.95 -5.03 0.00	100.98 -3.97 0.00
SITHE_IND_GS2 24170	107.90 -4.65 0.00	93.15 -3.95 0.00	81.65 -3.41 0.00	75.67 -3.19 0.00	79.41 -3.31 0.00	120.84 -5.12 0.00	140.54 -5.85 0.00	106.36 -4.41 0.00	121.89 -5.04 0.00	117.77 -4.86 0.00	79.02 -3.21 0.00	61.14 -2.48 0.00	56.95 -2.36 0.00	57.33 -2.36 0.00	61.73 -2.54 0.00	91.69 -3.77 0.00	88.82 -3.28 0.00	159.11 -5.73 0.00	113.79 -4.29 0.00	132.00 -5.01 0.00	113.92 -4.47 -0.01	110.03 -4.55 0.00	122.95 -5.03 0.00	100.98 -3.97 0.00
SITHE_IND_GS3 24171	107.90 -4.65 0.00	93.15 -3.95 0.00	81.65 -3.41 0.00	75.67 -3.19 0.00	79.41 -3.31 0.00	120.84 -5.12 0.00	140.54 -5.85 0.00	106.36 -4.41 0.00	121.89 -5.04 0.00	117.77 -4.86 0.00	79.02 -3.21 0.00	61.14 -2.48 0.00	56.95 -2.36 0.00	57.33 -2.36 0.00	61.73 -2.54 0.00	91.69 -3.77 0.00	88.82 -3.28 0.00	159.11 -5.73 0.00	113.79 -4.29 0.00	132.00 -5.01 0.00	113.92 -4.47 -0.01	110.03 -4.55 0.00	122.95 -5.03 0.00	100.98 -3.97 0.00
SITHE_IND_GS4 24172	107.90 -4.65 0.00	93.15 -3.95 0.00	81.65 -3.41 0.00	75.67 -3.19 0.00	79.41 -3.31 0.00	120.84 -5.12 0.00	140.54 -5.85 0.00	106.36 -4.41 0.00	121.89 -5.04 0.00	117.77 -4.86 0.00	79.02 -3.21 0.00	61.14 -2.48 0.00	56.95 -2.36 0.00	57.33 -2.36 0.00	61.73 -2.54 0.00	91.69 -3.77 0.00	88.82 -3.28 0.00	159.11 -5.73 0.00	113.79 -4.29 0.00	132.00 -5.01 0.00	113.92 -4.47 -0.01	110.03 -4.55 0.00	122.95 -5.03 0.00	100.98 -3.97 0.00

SITHE___BATAVIA 24024	106.79 -4.95 0.82	92.32 -2.88 1.89	80.41 -2.09 2.56	73.70 -2.07 3.10	78.72 -2.17 1.82	119.08 -5.67 1.22	136.21 -7.17 3.01	101.35 -5.54 3.88	109.04 -6.09 11.80	92.26 -5.14 25.23	56.75 -3.59 21.89	52.92 -2.93 7.77	49.53 -3.51 6.27	48.58 -3.99 7.12	54.68 -4.72 4.87	85.88 -6.06 3.52	77.26 -3.76 11.07	152.04 -4.78 8.02	113.71 -4.88 -0.51	128.91 -6.38 1.71	112.14 -6.40 -0.16	100.90 -7.23 6.45	113.15 -6.18 8.65	82.76 -3.13 19.06
SITHE___INDEPEND 23800	107.91 -4.65 0.00	93.15 -3.94 0.00	81.65 -3.41 0.00	75.67 -3.19 0.00	79.42 -3.30 0.00	120.85 -5.12 0.00	140.52 -5.87 0.00	106.34 -4.44 0.00	121.85 -5.08 0.00	117.75 -4.88 0.00	79.00 -3.23 0.00	61.14 -2.49 0.00	56.94 -2.37 0.00	57.34 -2.35 0.00	61.71 -2.56 0.00	91.70 -3.76 0.00	88.83 -3.27 0.00	159.12 -5.71 0.00	113.78 -4.30 0.00	131.99 -5.01 0.00	113.92 -4.48 -0.01	110.03 -4.54 0.00	122.94 -5.04 0.00	100.98 -3.97 0.00
SITHE___MASSENA 23902	114.35 1.79 0.00	98.89 1.80 0.00	86.80 1.74 0.00	80.43 1.57 0.00	84.27 1.56 0.00	127.62 1.66 0.00	147.20 0.80 0.00	111.14 0.36 0.00	127.21 0.28 0.00	123.27 0.64 0.00	82.45 0.22 0.00	63.57 -0.06 0.00	59.55 0.24 0.00	59.67 -0.02 0.00	63.89 -0.38 0.00	94.79 -0.67 0.00	91.00 -1.09 0.00	162.62 -2.22 0.00	116.32 -1.77 0.00	134.62 -2.38 0.00	116.27 -2.11 0.00	112.91 -1.67 0.00	127.37 -0.61 0.00	104.89 -0.06 0.00
SITHE___OGDNSBRG 24021	116.35 3.80 0.00	100.62 3.53 0.00	88.37 3.30 0.00	81.84 2.99 0.00	85.81 3.09 0.00	129.98 4.02 0.00	149.82 3.42 0.00	113.12 2.35 0.00	129.45 2.53 0.00	125.43 2.80 0.00	83.93 1.70 0.00	64.66 1.04 0.00	60.66 1.35 0.00	60.60 0.91 0.00	64.86 0.58 0.00	96.36 0.90 0.00	92.45 0.36 0.00	164.91 0.08 0.00	117.70 -0.39 0.00	136.20 -0.80 0.00	117.57 -0.81 0.00	114.22 -0.36 0.00	129.30 1.32 0.00	106.61 1.67 0.00
SITHE___STERLING 23777	115.53 2.97 0.00	99.75 2.66 0.00	87.38 2.31 0.00	81.03 2.17 0.00	85.18 2.47 0.00	130.10 4.14 0.00	151.72 5.33 0.00	115.04 4.27 0.00	131.98 5.05 0.00	127.65 5.02 0.00	85.69 3.46 0.00	66.22 2.60 0.00	61.43 2.12 0.00	61.88 2.20 0.00	66.73 2.46 0.00	99.22 3.76 0.00	96.14 4.05 0.00	171.50 6.66 0.00	122.93 4.84 0.00	142.60 5.60 0.00	123.07 4.68 0.00	118.73 4.15 0.00	132.35 4.36 0.00	108.33 3.38 0.00
SLEIGHT__34_KV_TB1 80719	108.61 -3.95 0.00	94.16 -2.93 0.00	82.68 -2.38 0.00	76.60 -2.26 0.00	80.46 -2.26 0.00	121.64 -4.33 0.00	141.44 -4.96 0.00	107.35 -3.42 0.00	123.44 -3.49 0.00	119.47 -3.16 0.00	80.17 -2.06 0.00	61.94 -1.68 0.00	57.54 -1.77 0.00	57.73 -1.96 0.00	62.00 -2.27 0.00	91.99 -3.47 0.00	89.85 -2.25 0.00	161.38 -3.46 0.00	114.96 -3.13 0.00	133.11 -3.89 0.00	114.53 -3.89 -0.04	109.63 -4.60 0.35	123.37 -4.61 0.00	102.05 -2.90 0.00
SOUTH CAIRO___GT 23612	144.62 7.71 -24.36	108.69 6.16 -5.43	90.64 5.58 0.00	84.41 5.55 0.00	88.48 5.76 0.00	135.13 9.17 0.00	182.31 11.67 -24.25	159.32 8.84 -39.70	161.17 10.19 -24.05	144.54 9.36 -12.55	105.80 5.78 -17.80	83.35 5.03 -14.69	78.62 4.65 -14.67	87.69 5.43 -22.57	85.09 5.85 -14.97	124.35 8.23 -20.66	164.32 8.03 -64.20	243.01 14.55 -63.62	156.58 10.35 -28.15	148.92 11.91 0.00	128.81 10.43 0.00	124.87 10.30 0.00	138.73 10.75 0.00	113.56 8.61 0.00
SOUTH HAMPTN___IC 23720	172.39 11.63 -48.21	118.40 10.36 -10.95	94.10 9.04 0.00	87.24 8.38 0.00	91.51 8.79 0.00	139.76 13.80 0.00	210.22 14.95 -48.88	201.93 11.14 -80.01	188.09 13.12 -48.04	160.63 12.93 -25.07	127.10 9.32 -35.55	100.45 7.16 -29.66	96.21 6.12 -30.78	113.63 6.57 -47.38	104.08 8.24 -31.56	152.24 12.95 -43.83	238.89 10.97 -135.82	318.14 18.52 -134.79	193.11 15.41 -59.62	155.06 18.06 0.00	134.04 15.67 0.01	129.49 14.92 0.00	142.63 14.65 0.00	117.15 12.20 0.00
SOUTHDOW_115KV_TB1 355954	112.09 -0.47 0.00	98.46 1.37 0.00	87.23 2.17 0.00	80.55 1.69 0.00	83.94 1.23 0.00	124.75 -1.20 0.00	145.34 -1.05 0.00	108.62 -0.79 1.37	121.64 -0.97 4.32	119.12 -0.08 3.43	77.00 0.20 5.42	58.34 -0.17 5.11	57.83 -0.46 1.02	58.20 -0.62 0.86	62.25 -1.01 1.01	94.13 -1.27 0.06	92.82 0.73 0.00	166.70 1.86 0.00	118.31 0.23 0.00	136.18 -0.82 0.00	115.70 -2.18 0.50	109.62 -3.70 1.26	125.83 -2.15 0.00	104.42 -0.52 0.00
SOUTHOLD_69_KV_BK 2 55809	171.69 10.93 -48.21	118.41 10.38 -10.95	94.96 9.89 0.00	88.05 9.19 0.00	92.40 9.68 0.00	141.14 15.18 0.00	209.55 14.28 -48.88	201.03 10.24 -80.01	189.54 14.57 -48.04	162.00 14.30 -25.07	127.94 10.16 -35.55	101.08 7.80 -29.66	96.72 6.63 -30.78	114.20 7.14 -47.38	104.68 8.85 -31.56	153.28 13.99 -43.83	238.22 10.31 -135.82	316.74 17.11 -134.79	195.14 17.44 -59.62	157.34 20.33 0.00	135.94 17.57 0.01	131.22 16.65 0.00	144.54 16.56 0.00	118.61 13.66 0.00
SOUTHOLD___IC 23719	171.69 10.93 -48.21	118.41 10.37 -10.95	94.95 9.89 0.00	88.03 9.18 0.00	92.39 9.67 0.00	141.13 15.17 0.00	209.54 14.27 -48.88	200.99 10.20 -80.01	189.51 14.53 -48.04	161.93 14.23 -25.07	127.93 10.14 -35.55	101.06 7.77 -29.66	96.72 6.63 -30.78	114.19 7.13 -47.38	104.69 8.86 -31.56	153.23 13.94 -43.83	238.16 10.25 -135.82	316.71 17.08 -134.79	195.09 17.39 -59.62	157.33 20.32 0.00	135.94 17.57 0.01	131.22 16.65 0.00	144.53 16.55 0.00	118.61 13.66 0.00
SOUTH_FORK_WT_PWR 323839	172.88 12.11 -48.21	119.36 11.32 -10.95	95.46 10.39 0.00	88.50 9.65 0.00	92.91 10.19 0.00	141.91 15.95 0.00	211.48 16.21 -48.88	202.62 11.83 -80.01	190.35 15.38 -48.04	162.69 15.00 -25.07	128.40 10.62 -35.55	101.38 8.09 -29.66	97.02 6.93 -30.78	114.51 7.45 -47.38	105.04 9.21 -31.56	153.77 14.48 -43.83	239.51 11.60 -135.82	319.26 19.63 -134.79	195.63 17.93 -59.62	157.93 20.92 0.00	136.40 18.03 0.01	131.66 17.08 0.00	145.01 17.03 0.00	119.00 14.05 0.00
SPIERFLS_115KV_TB 1 80737	130.41 5.18 -12.67	104.57 4.65 -2.83	89.08 4.01 0.00	82.66 3.81 0.00	86.88 4.16 0.00	132.92 6.96 0.00	167.31 8.29 -12.61	137.72 6.36 -20.59	146.51 7.26 -12.33	135.52 6.45 -6.43	95.40 4.05 -9.12	74.56 3.34 -7.60	70.51 3.34 -7.86	75.38 3.60 -12.10	76.15 3.82 -8.06	112.42 5.77 -11.19	132.77 5.85 -34.82	209.84 10.39 -34.62	141.06 7.66 -15.31	146.31 9.30 0.00	126.39 8.00 0.00	122.04 7.47 0.00	135.70 7.72 0.00	110.70 5.75 0.00
ST LAWRENCE____ 23600	112.96 0.40 0.00	97.64 0.55 0.00	85.69 0.63 0.00	79.39 0.54 0.00	83.16 0.44 0.00	126.06 0.10 0.00	145.98 -0.41 0.00	110.27 -0.50 0.00	126.25 -0.68 0.00	122.18 -0.45 0.00	81.70 -0.54 0.00	62.99 -0.63 0.00	58.86 -0.44 0.00	59.11 -0.58 0.00	63.35 -0.93 0.00	94.07 -1.38 0.00	90.38 -1.71 0.00	161.77 -3.07 0.00	115.83 -2.26 0.00	134.07 -2.93 0.00	115.80 -2.58 0.00	112.29 -2.29 0.00	126.15 -1.83 0.00	103.63 -1.32 0.00
STATE_CA_115KV_115_LB 55624	129.68 3.45 -13.67	102.85 2.71 -3.05	87.44 2.37 0.00	81.39 2.54 0.00	85.16 2.45 0.00	130.03 4.07 0.00	164.99 4.98 -13.61	136.68 3.67 -22.24	144.50 4.24 -13.33	133.52 3.94 -6.96	94.91 2.82 -9.86	74.52 2.68 -8.22	70.37 2.58 -8.49	75.37 2.63 -13.06	75.80 2.84 -8.70	110.78 3.25 -12.07	132.70 3.06 -37.54	207.55 5.44 -37.28	138.38 3.81 -16.49	141.54 4.53 0.00	122.71 4.32 0.00	119.46 4.88 0.00	132.82 4.84 0.00	108.89 3.94 0.00

STATE_ST_34_KV_LOAD 55959	111.98 -0.58 0.00	96.77 -0.33 0.00	84.89 -0.18 0.00	78.66 -0.20 0.00	82.62 -0.10 0.00	125.10 -0.86 0.00	146.26 -0.14 0.00	111.51 0.74 0.00	129.09 2.16 0.00	124.97 2.34 0.00	83.95 1.72 0.00	64.45 0.82 0.00	60.09 0.79 0.00	60.44 0.76 0.00	64.91 0.64 0.00	95.17 -0.29 0.00	92.77 0.68 0.00	166.04 1.21 0.00	118.64 0.56 0.00	137.82 0.81 0.00	118.87 0.49 0.00	114.51 -0.39 -0.32	127.57 -0.41 0.00	105.24 0.30 0.00
STATION_5_MISC_HYD 23604	106.74 -5.27 0.55	92.10 -3.71 1.28	80.39 -2.94 1.73	73.95 -2.82 2.09	78.56 -2.92 1.23	119.12 -6.02 0.82	136.97 -7.39 2.04	103.23 -5.61 1.94	114.58 -6.26 6.09	101.81 -5.65 15.17	68.84 -3.71 9.68	60.91 -2.72 0.00	53.95 -3.02 2.34	53.12 -3.32 3.25	59.16 -3.77 1.35	87.80 -5.27 2.39	80.43 -3.89 7.77	153.38 -5.97 5.48	111.76 -5.23 1.10	129.28 -6.56 1.16	109.88 -6.35 2.15	103.19 -6.92 4.46	115.54 -6.60 5.84	87.98 -4.10 12.87
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	109.67 -2.89 0.00	95.11 -1.98 0.00	83.65 -1.42 0.00	77.45 -1.41 0.00	81.31 -1.41 0.00	122.68 -3.28 0.00	142.94 -3.46 0.00	108.64 -2.16 -0.01	124.67 -2.31 -0.05	120.58 -2.08 -0.03	80.92 -1.32 -0.02	62.54 -1.08 0.00	57.81 -1.50 0.00	57.92 -1.77 0.00	62.24 -2.03 0.00	92.61 -2.85 0.00	90.61 -1.48 0.00	162.84 -2.00 0.00	116.09 -1.99 0.00	134.25 -2.75 0.00	115.38 -3.03 -0.03	110.18 -3.78 0.61	124.35 -3.63 0.00	102.84 -2.11 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	106.97 -5.59 0.00	93.04 -4.05 0.00	81.80 -3.26 0.00	75.75 -3.11 0.00	79.51 -3.21 0.00	119.62 -6.34 0.00	138.78 -7.61 0.00	105.02 -5.77 -0.02	120.42 -6.59 -0.09	116.63 -6.05 -0.05	78.31 -3.95 -0.03	60.62 -3.00 0.00	56.16 -3.15 0.00	56.27 -3.41 0.00	60.39 -3.88 0.00	89.94 -5.52 0.00	88.11 -4.02 -0.03	158.37 -6.47 -0.01	112.91 -5.50 -0.32	130.20 -6.80 0.00	112.47 -6.53 -0.61	106.90 -7.07 0.61	121.08 -6.90 0.00	100.50 -4.45 0.00
STA_56___34_KV_BUS2 355983	106.97 -5.59 0.00	93.04 -4.05 0.00	81.80 -3.26 0.00	75.75 -3.11 0.00	79.51 -3.21 0.00	119.62 -6.34 0.00	138.78 -7.61 0.00	105.02 -5.77 -0.02	120.42 -6.59 -0.09	116.63 -6.05 -0.05	78.31 -3.95 -0.03	60.62 -3.00 0.00	56.16 -3.15 0.00	56.27 -3.41 0.00	60.39 -3.88 0.00	89.94 -5.52 0.00	88.11 -4.02 -0.03	158.37 -6.47 -0.01	112.91 -5.50 -0.32	130.20 -6.80 0.00	112.47 -6.53 -0.61	106.90 -7.07 0.61	121.08 -6.90 0.00	100.50 -4.45 0.00
STA_67___115KV_BK2 355882	107.05 -5.05 0.00	93.19 -3.91 0.00	81.95 -3.11 0.00	75.87 -2.99 0.00	79.64 -3.08 0.00	119.68 -6.28 0.00	138.66 -7.73 0.00	104.87 -5.92 -0.02	120.29 -6.73 -0.09	116.48 -6.19 -0.04	78.16 -4.07 0.00	60.54 -3.08 0.00	56.10 -3.20 0.00	56.20 -3.49 0.00	60.29 -3.98 0.00	89.84 -5.62 0.00	88.05 -4.07 -0.03	158.24 -6.61 -0.01	112.77 -5.64 -0.33	130.04 -6.96 0.00	112.36 -6.65 -0.63	106.75 -7.21 0.62	121.08 -6.90 0.00	100.61 -4.34 0.00
STA_7___115KV_9TRANS 80674	107.82 -4.74 0.00	93.83 -3.27 0.00	82.51 -2.55 0.00	76.38 -2.48 0.00	80.17 -2.55 0.00	120.47 -5.49 0.00	139.68 -6.72 0.00	105.67 -5.12 -0.02	121.21 -5.81 -0.09	117.40 -5.27 -0.04	78.80 -3.43 0.00	61.05 -2.57 0.00	56.58 -2.73 0.00	56.67 -3.02 0.00	60.80 -3.48 0.00	90.62 -4.84 0.00	88.89 -3.23 -0.03	159.81 -5.03 -0.01	113.90 -4.52 -0.34	131.28 -5.72 0.00	113.40 -5.63 -0.65	107.66 -6.29 0.62	122.05 -5.93 0.00	101.34 -3.60 0.00
STA_82___115KV_TB1 80780	107.09 -5.46 0.00	93.20 -3.89 0.00	81.97 -3.10 0.00	75.90 -2.96 0.00	79.66 -3.06 0.00	119.71 -6.25 0.00	138.75 -7.65 0.00	104.93 -5.87 -0.02	120.34 -6.70 -0.11	116.56 -6.11 -0.05	78.21 -4.03 0.00	60.57 -3.05 0.00	56.10 -3.20 0.00	56.20 -3.49 0.00	60.28 -3.98 0.00	89.84 -5.62 -0.01	88.08 -4.05 -0.04	158.31 -6.53 -0.01	112.89 -5.60 -0.40	130.08 -6.93 0.00	112.51 -6.60 -0.73	106.79 -7.15 0.63	121.09 -6.89 0.00	100.63 -4.32 0.00
STEEL___WIND 323596	105.79 -5.57 1.19	91.33 -3.01 2.75	79.37 -1.96 3.73	72.17 -2.18 4.51	77.76 -2.30 2.66	117.63 -6.56 1.77	133.12 -8.83 4.44	97.25 -6.89 6.63	98.50 -7.99 20.43	77.45 -6.93 38.24	46.12 -4.50 31.61	49.22 -3.64 10.76	47.61 -3.97 7.73	46.11 -4.38 9.19	53.59 -5.03 5.65	83.43 -6.91 5.12	70.69 -5.10 16.30	145.61 -7.52 11.70	108.10 -6.87 3.11	125.71 -8.79 2.50	103.48 -8.31 6.59	95.97 -9.22 9.39	107.65 -7.73 12.60	72.92 -4.27 27.76
STEPHTWN_115KV_BK_2 55603	131.34 4.53 -14.26	103.94 3.66 -3.18	88.24 3.18 0.00	82.03 3.17 0.00	85.93 3.21 0.00	131.24 5.28 0.00	167.25 6.66 -14.19	138.87 4.90 -23.20	146.63 5.78 -13.92	135.22 5.33 -7.26	96.19 3.66 -10.30	75.38 3.18 -8.58	71.16 3.01 -8.84	76.49 3.19 -13.61	76.80 3.46 -9.06	112.40 4.37 -12.57	135.38 4.19 -39.10	211.34 7.70 -38.80	140.85 5.60 -17.16	143.36 6.35 0.00	124.15 5.76 0.00	120.71 6.14 0.00	134.15 6.17 0.00	109.77 4.82 0.00
STEUBEN_REC_LFGE 323667	109.97 -2.59 0.00	95.74 -1.36 0.00	84.48 -0.58 0.00	77.96 -0.90 0.00	81.28 -1.43 0.00	121.78 -4.19 0.00	142.81 -3.58 0.00	113.50 -2.54 -5.27	137.00 -6.03 -16.10	133.08 -5.52 -15.97	112.43 -3.57 -33.77	92.38 -3.45 -32.20	65.94 -4.80 -11.44	64.56 -4.75 -9.62	70.36 -5.47 -11.57	89.35 -6.44 -0.34	88.92 -3.18 0.00	164.01 -0.83 0.00	117.35 -0.74 0.00	135.34 -1.66 0.00	115.80 -2.37 0.21	107.66 -3.49 3.43	124.62 -3.36 0.00	102.31 -2.63 0.00
STILLWATER___SOLAR 323814	131.31 5.73 -13.02	104.92 4.93 -2.90	89.32 4.26 0.00	82.87 4.01 0.00	87.03 4.31 0.00	133.07 7.11 0.00	167.92 8.56 -12.96	138.32 6.38 -21.16	146.91 7.31 -12.67	135.80 6.55 -6.61	95.83 4.23 -9.38	74.97 3.53 -7.82	70.84 3.45 -8.08	75.80 3.68 -12.44	76.55 3.99 -8.28	112.79 5.83 -11.50	133.69 5.81 -35.79	210.62 10.22 -35.57	141.24 7.42 -15.73	145.88 8.88 0.00	126.15 7.77 0.00	122.02 7.44 0.00	135.70 7.72 0.00	110.89 5.95 0.00
STONY___BROOK 24151	170.54 9.77 -48.21	116.41 8.37 -10.95	92.06 6.99 0.00	85.31 6.45 0.00	89.41 6.69 0.00	136.34 10.38 0.00	207.09 11.81 -48.88	199.69 8.90 -80.01	184.36 9.39 -48.04	157.35 9.65 -25.07	125.20 7.42 -35.55	99.11 5.82 -29.66	95.11 5.02 -30.78	112.45 5.39 -47.38	102.71 6.88 -31.56	149.90 10.61 -43.83	236.78 8.87 -135.83	313.82 14.19 -134.79	188.93 11.23 -59.62	150.56 13.55 0.00	131.16 12.79 0.01	126.83 12.26 0.00	139.88 11.90 0.00	114.92 9.98 0.00
STURGEON_POOL_HYD 23609	170.55 10.64 -47.35	116.45 8.80 -10.56	92.18 7.11 0.00	85.25 6.39 0.00	89.51 6.79 0.00	137.52 11.56 0.00	208.20 14.66 -47.14	200.04 12.00 -77.27	188.08 14.06 -47.09	160.50 13.30 -24.57	125.74 8.67 -34.85	99.45 6.60 -29.22	96.39 6.19 -30.90	113.63 6.39 -47.55	102.78 7.07 -31.44	149.42 10.75 -43.21	237.45 11.14 -134.22	317.94 20.24 -132.87	191.20 14.32 -58.79	152.47 15.46 0.00	131.63 13.26 0.01	126.72 12.14 0.00	140.44 12.45 0.00	114.38 9.44 0.00
ST_LAW_115_BK7_LBMP 345037	113.06 0.50 0.00	97.73 0.64 0.00	85.78 0.71 0.00	79.47 0.61 0.00	83.25 0.53 0.00	126.14 0.18 0.00	145.96 -0.43 0.00	110.20 -0.58 0.00	126.14 -0.79 0.00	122.12 -0.51 0.00	81.64 -0.59 0.00	62.95 -0.67 0.00	58.86 -0.45 0.00	59.08 -0.61 0.00	63.29 -0.99 0.00	93.97 -1.49 0.00	90.23 -1.86 0.00	161.44 -3.40 0.00	115.57 -2.51 0.00	133.80 -3.20 0.00	115.56 -2.83 0.00	112.09 -2.49 0.00	126.02 -1.96 0.00	103.59 -1.35 0.00

ST_LAW_115_BK8_LBMP 345038	113.06 0.50 0.00	97.73 0.64 0.00	85.78 0.71 0.00	79.47 0.61 0.00	83.25 0.53 0.00	126.14 0.18 0.00	145.96 -0.43 0.00	110.20 -0.58 0.00	126.14 -0.79 0.00	122.12 -0.51 0.00	81.64 -0.59 0.00	62.95 -0.67 0.00	58.86 -0.45 0.00	59.08 -0.61 0.00	63.29 -0.99 0.00	93.97 -1.49 0.00	90.23 -1.86 0.00	161.44 -3.40 0.00	115.57 -2.51 0.00	133.80 -3.20 0.00	115.56 -2.83 0.00	112.09 -2.49 0.00	126.02 -1.96 0.00	103.59 -1.35 0.00
ST_LAW_230_BK5_LBMP 345035	112.96 0.40 0.00	97.64 0.55 0.00	85.69 0.63 0.00	79.39 0.54 0.00	83.16 0.44 0.00	126.06 0.10 0.00	145.98 -0.41 0.00	110.27 -0.50 0.00	126.25 -0.68 0.00	122.18 -0.45 0.00	81.70 -0.54 0.00	62.99 -0.63 0.00	58.86 -0.44 0.00	59.11 -0.58 0.00	63.35 -0.93 0.00	94.07 -1.38 0.00	90.38 -1.71 0.00	161.77 -3.07 0.00	115.83 -2.26 0.00	134.07 -2.93 0.00	115.80 -2.58 0.00	112.29 -2.29 0.00	126.15 -1.83 0.00	103.63 -1.32 0.00
ST_LAW_230_BK6_LBMP 345036	112.96 0.40 0.00	97.64 0.55 0.00	85.69 0.63 0.00	79.39 0.54 0.00	83.16 0.44 0.00	126.06 0.10 0.00	145.98 -0.41 0.00	110.27 -0.50 0.00	126.25 -0.68 0.00	122.18 -0.45 0.00	81.70 -0.54 0.00	62.99 -0.63 0.00	58.86 -0.44 0.00	59.11 -0.58 0.00	63.35 -0.93 0.00	94.07 -1.38 0.00	90.38 -1.71 0.00	161.77 -3.07 0.00	115.83 -2.26 0.00	134.07 -2.93 0.00	115.80 -2.58 0.00	112.29 -2.29 0.00	126.15 -1.83 0.00	103.63 -1.32 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	175.43 6.10 -56.77	114.76 5.01 -12.66	89.06 3.99 0.00	82.47 3.61 0.00	86.59 3.87 0.00	132.60 6.64 0.00	211.21 8.30 -56.52	210.19 6.71 -92.70	190.26 7.51 -55.82	158.78 7.03 -29.13	128.33 4.80 -41.30	101.94 3.85 -34.47	98.80 3.67 -35.82	118.56 3.74 -55.13	105.38 4.39 -36.72	153.02 6.57 -50.99	256.98 6.71 -158.17	332.87 11.92 -156.12	195.67 8.53 -69.05	146.16 9.16 0.00	126.39 8.02 0.02	122.03 7.45 0.00	135.50 7.52 0.00	110.58 5.64 0.00
SWANROAD_115KV_TB1 355699	101.57 -10.99 0.00	89.52 -7.57 0.00	79.03 -6.04 0.00	73.07 -5.79 0.00	76.61 -6.11 0.00	113.38 -12.59 0.00	130.10 -16.29 0.00	95.91 -13.11 1.75	106.88 -14.74 5.31	104.08 -13.27 5.29	61.93 -9.00 11.29	45.67 -7.15 10.80	48.50 -7.08 3.73	49.34 -7.21 3.14	52.13 -8.36 3.78	83.17 -12.20 0.09	82.20 -10.01 -0.12	148.07 -16.79 -0.03	105.81 -13.53 -1.26	120.56 -16.44 0.00	105.00 -15.02 -1.64	98.29 -15.35 0.93	113.55 -14.43 0.00	95.68 -9.27 0.00
SYNERGY___BIOGAS 323694	106.79 -4.95 0.82	92.32 -2.88 1.89	80.41 -2.09 2.56	73.70 -2.07 3.10	78.72 -2.17 1.82	119.08 -5.67 1.22	136.21 -7.17 3.01	101.35 -5.54 3.88	109.04 -6.09 11.80	92.26 -5.14 25.23	56.75 -3.59 21.89	52.92 -2.93 7.77	49.53 -3.51 6.27	48.58 -3.99 7.12	54.68 -4.72 4.87	85.88 -6.06 3.52	77.26 -3.76 11.07	152.04 -4.78 8.02	113.71 -4.88 -0.51	128.91 -6.38 1.71	112.14 -6.40 -0.16	100.90 -7.23 6.45	113.15 -6.18 8.65	82.76 -3.13 19.06
SYRACUSE___ENERGY_ST1 323597	110.90 -1.65 0.00	95.69 -1.40 0.00	83.88 -1.18 0.00	77.76 -1.10 0.00	81.63 -1.08 0.00	124.21 -1.75 0.00	144.67 -1.73 0.00	110.51 -0.27 0.00	127.49 0.56 0.00	123.25 0.61 0.00	82.70 0.47 0.00	63.84 0.21 0.00	59.50 0.20 0.00	59.89 0.21 0.00	64.44 0.17 0.00	94.83 -0.62 0.00	91.83 -0.26 0.00	164.56 -0.28 0.00	117.68 -0.41 0.00	136.58 -0.42 0.00	117.78 -0.60 0.00	113.54 -1.04 0.00	126.78 -1.20 0.00	104.11 -0.84 0.00
SYRACUSE___ENERGY_ST2 323598	110.90 -1.65 0.00	95.69 -1.40 0.00	83.88 -1.18 0.00	77.76 -1.10 0.00	81.63 -1.08 0.00	124.21 -1.75 0.00	144.67 -1.73 0.00	110.51 -0.27 0.00	127.49 0.56 0.00	123.25 0.61 0.00	82.70 0.47 0.00	63.84 0.21 0.00	59.50 0.20 0.00	59.89 0.21 0.00	64.44 0.17 0.00	94.83 -0.62 0.00	91.83 -0.26 0.00	164.56 -0.28 0.00	117.68 -0.41 0.00	136.58 -0.42 0.00	117.78 -0.60 0.00	113.54 -1.04 0.00	126.78 -1.20 0.00	104.11 -0.84 0.00
SYRACUSE___POWER 24017	110.95 -1.61 0.00	95.69 -1.40 0.00	83.87 -1.19 0.00	77.74 -1.11 0.00	81.63 -1.09 0.00	124.27 -1.69 0.00	144.68 -1.72 0.00	109.90 -0.88 0.00	126.29 -0.63 0.00	122.04 -0.59 0.00	81.93 -0.30 0.00	63.32 -0.31 0.00	58.99 -0.32 0.00	59.38 -0.30 0.00	63.94 -0.33 0.00	94.79 -0.67 0.00	91.90 -0.19 0.00	164.69 -0.15 0.00	117.81 -0.27 0.00	136.67 -0.34 0.00	117.85 -0.54 0.00	113.87 -0.93 -0.23	126.89 -1.09 0.00	104.17 -0.77 0.00
TALLMAN___138KV_BK151 55660	185.21 6.36 -66.29	117.14 5.26 -14.78	89.18 4.12 0.00	82.57 3.71 0.00	86.71 4.00 0.00	132.77 6.81 0.00	220.86 8.47 -65.99	225.69 6.85 -108.07	199.52 7.67 -64.92	163.65 7.14 -33.88	135.19 4.92 -48.04	107.67 3.96 -40.09	104.70 3.74 -41.66	127.61 3.82 -64.11	111.46 4.48 -42.70	161.51 6.75 -59.30	283.05 6.79 -184.17	359.14 12.05 -182.26	207.40 8.70 -80.61	146.46 9.45 0.00	126.65 8.28 0.01	122.29 7.72 0.00	135.74 7.76 0.00	110.73 5.78 0.00
TEALLAVE_115KV_TB7 355573	110.11 -2.45 0.00	95.01 -2.08 0.00	83.29 -1.78 0.00	77.20 -1.66 0.00	81.07 -1.65 0.00	123.36 -2.60 0.00	143.63 -2.76 0.00	108.98 -1.79 0.00	125.11 -1.82 0.00	120.89 -1.74 0.00	81.14 -1.08 0.00	62.78 -0.84 0.00	58.47 -0.83 0.00	58.85 -0.83 0.00	63.38 -0.89 0.00	94.06 -1.40 0.00	91.19 -0.90 0.00	163.33 -1.51 0.00	116.80 -1.28 0.00	135.49 -1.52 0.00	116.85 -1.53 0.00	112.67 -1.91 0.00	125.85 -2.13 0.00	103.33 -1.61 0.00
TELGRAPH_34_KV_EAST 80808	104.93 -7.63 0.00	92.11 -4.98 0.00	81.19 -3.87 0.00	75.11 -3.75 0.00	78.77 -3.95 0.00	117.14 -8.82 0.00	134.97 -11.43 0.00	100.41 -9.12 1.25	112.95 -10.39 3.59	109.29 -9.23 4.11	66.15 -6.24 9.84	49.04 -4.96 9.62	50.62 -5.10 3.59	51.27 -5.40 3.01	54.33 -6.32 3.63	86.57 -8.85 0.05	85.86 -6.55 -0.32	154.33 -10.57 -0.07	112.43 -8.97 -3.31	125.94 -11.07 0.00	113.35 -10.41 -5.38	102.75 -11.03 0.80	117.95 -10.03 0.00	98.97 -5.97 0.00
TEMPLE___115KV_TB 2 55572	110.17 -2.39 0.00	95.06 -2.03 0.00	83.31 -1.75 0.00	77.24 -1.62 0.00	81.09 -1.63 0.00	123.41 -2.55 0.00	143.65 -2.74 0.00	109.00 -1.78 0.00	125.14 -1.79 0.00	120.90 -1.73 0.00	81.18 -1.05 0.00	62.78 -0.84 0.00	58.49 -0.82 0.00	58.87 -0.81 0.00	63.39 -0.88 0.00	94.10 -1.36 0.00	91.24 -0.86 0.00	163.44 -1.39 0.00	116.87 -1.22 0.00	135.56 -1.45 0.00	116.90 -1.48 0.00	112.74 -1.83 0.00	125.92 -2.06 0.00	103.39 -1.56 0.00
TIANA____69_KV_BK 1 55817	172.09 11.33 -48.21	118.05 10.01 -10.95	93.69 8.63 0.00	86.88 8.02 0.00	91.11 8.39 0.00	139.10 13.14 0.00	209.69 14.41 -48.88	201.60 10.81 -80.01	187.45 12.47 -48.04	160.13 12.43 -25.07	126.74 8.96 -35.55	100.23 6.94 -29.66	95.96 5.87 -30.78	113.36 6.30 -47.38	103.79 7.96 -31.56	151.81 12.52 -43.83	238.65 10.74 -135.82	317.60 17.97 -134.79	192.52 14.82 -59.62	154.35 17.35 0.00	133.49 15.12 0.01	128.96 14.39 0.00	142.07 14.09 0.00	116.67 11.73 0.00
TILDEN___115KV_TB1 80814	110.95 -1.61 0.00	95.69 -1.40 0.00	83.87 -1.19 0.00	77.74 -1.11 0.00	81.63 -1.09 0.00	124.27 -1.69 0.00	144.68 -1.72 0.00	109.90 -0.88 0.00	126.29 -0.63 0.00	122.04 -0.59 0.00	81.93 -0.30 0.00	63.32 -0.31 0.00	58.99 -0.32 0.00	59.38 -0.30 0.00	63.94 -0.33 0.00	94.79 -0.67 0.00	91.90 -0.19 0.00	164.69 -0.15 0.00	117.81 -0.27 0.00	136.67 -0.34 0.00	117.85 -0.54 0.00	113.87 -0.93 -0.23	126.89 -1.09 0.00	104.17 -0.77 0.00

TRIGEN__CC 323695	169.36 7.70 -49.10	114.45 6.41 -10.95	90.21 5.14 0.00	83.63 4.77 0.00	87.68 4.96 0.00	133.95 7.98 0.00	204.83 9.56 -48.88	198.30 7.51 -80.01	183.33 8.36 -48.04	156.09 8.38 -25.07	123.82 6.04 -35.55	98.16 4.87 -29.66	94.47 4.38 -30.78	111.64 4.58 -47.38	101.37 5.54 -31.56	147.77 8.48 -43.83	236.05 7.80 -136.15	312.96 13.33 -134.79	187.72 10.02 -59.62	148.43 11.43 0.00	128.72 10.35 0.01	124.53 9.96 0.00	137.68 9.70 0.00	112.73 7.78 0.00
TRINITY__115KV__4 BK 55933	129.58 2.99 -14.04	102.55 2.32 -3.13	87.10 2.03 0.00	81.08 2.23 0.00	84.84 2.12 0.00	129.56 3.59 0.00	164.68 4.31 -13.97	136.74 3.12 -22.84	144.26 3.64 -13.70	133.14 3.36 -7.15	94.82 2.45 -10.14	74.47 2.40 -8.44	70.31 2.29 -8.71	75.44 2.34 -13.41	75.74 2.54 -8.93	110.62 2.77 -12.39	133.17 2.54 -38.54	207.55 4.46 -38.25	138.16 3.16 -16.92	140.82 3.81 0.00	122.11 3.72 0.00	118.93 4.35 0.00	132.27 4.30 0.00	108.47 3.52 0.00
UNION__PROCESSING_DRP 323587	107.10 -5.45 0.00	93.23 -3.87 0.00	82.00 -3.06 0.00	75.93 -2.93 0.00	79.68 -3.04 0.00	119.73 -6.23 0.00	138.78 -7.61 0.00	104.96 -5.84 -0.02	120.39 -6.65 -0.12	116.59 -6.09 -0.05	78.23 -4.01 0.00	60.59 -3.03 0.00	56.11 -3.20 0.00	56.22 -3.47 0.00	60.31 -3.96 0.00	89.85 -5.62 -0.01	88.09 -4.04 -0.04	158.40 -6.44 -0.01	112.96 -5.55 -0.43	130.13 -6.87 0.00	112.59 -6.57 -0.78	106.81 -7.13 0.63	121.15 -6.84 0.00	100.66 -4.29 0.00
UPPER HUDSON__HYD 24058	130.40 5.17 -12.67	104.57 4.65 -2.83	89.08 4.01 0.00	82.66 3.81 0.00	86.87 4.16 0.00	132.92 6.96 0.00	167.30 8.29 -12.61	137.71 6.34 -20.59	146.51 7.25 -12.33	135.52 6.45 -6.43	95.41 4.06 -9.12	74.56 3.33 -7.60	70.52 3.35 -7.86	75.38 3.60 -12.10	76.15 3.82 -8.06	112.42 5.77 -11.19	132.76 5.85 -34.82	209.85 10.40 -34.62	141.04 7.64 -15.31	146.28 9.28 0.00	126.39 8.00 0.00	122.05 7.47 0.00	135.70 7.72 0.00	110.70 5.75 0.00
UPPER RAQUET__HYD 24056	114.57 2.02 0.00	99.04 1.96 0.00	86.96 1.90 0.00	80.57 1.71 0.00	84.42 1.70 0.00	127.62 1.66 0.00	146.55 0.15 0.00	110.50 -0.27 0.00	126.50 -0.43 0.00	122.90 0.27 0.00	82.53 0.30 0.00	63.65 0.03 0.00	60.31 1.01 0.00	59.90 0.22 0.00	64.10 -0.18 0.00	95.04 -0.41 0.00	91.00 -1.10 0.00	161.69 -3.15 0.00	115.27 -2.82 0.00	133.34 -3.67 0.00	115.19 -3.19 0.00	112.16 -2.41 0.00	127.29 -0.69 0.00	105.13 0.19 0.00
VALLEY44_115KV_TB2 355964	111.86 -0.70 0.00	97.91 0.82 0.00	86.16 1.10 0.00	79.79 0.94 0.00	83.34 0.62 0.00	123.58 -2.39 0.00	143.17 -3.23 0.00	107.15 -2.61 1.02	120.27 -3.42 3.23	118.48 -1.87 2.28	78.87 -0.53 2.83	60.14 -0.94 2.55	58.38 -0.93 -0.01	58.66 -1.03 0.00	62.75 -1.55 -0.03	93.22 -2.21 0.03	90.54 -1.55 0.00	163.04 -1.80 0.00	115.41 -2.67 0.00	133.53 -3.48 0.00	114.29 -3.62 0.48	109.15 -4.14 1.29	125.74 -2.24 0.00	104.81 -0.14 0.00
VALLEY__115KV_TB 1-4 80826	114.93 2.37 0.00	98.91 1.82 0.00	86.60 1.54 0.00	80.38 1.52 0.00	84.41 1.69 0.00	129.04 3.08 0.00	152.34 5.94 0.00	115.70 4.92 0.00	132.13 5.20 0.00	126.71 4.08 0.00	84.35 2.12 0.00	65.24 1.62 0.00	60.92 1.62 0.00	61.52 1.84 0.00	66.33 2.06 0.00	97.55 2.09 0.00	94.21 2.11 0.00	169.29 4.45 0.00	121.51 3.43 0.00	141.51 4.51 0.00	122.49 4.10 0.00	118.77 4.20 0.00	132.15 4.17 0.00	108.07 3.12 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	112.49 7.10 7.17	101.55 6.06 1.60	90.28 5.21 0.00	83.62 4.76 0.00	87.85 5.13 0.00	134.12 8.16 0.00	149.11 9.87 7.15	105.02 7.62 13.38	126.45 8.78 9.26	126.02 8.23 4.83	80.92 5.54 6.85	62.10 4.19 5.71	56.88 3.50 5.92	54.27 3.69 9.11	62.29 4.09 6.07	93.02 5.99 8.42	74.51 6.48 24.06	157.07 11.95 19.71	118.21 8.82 8.70	147.49 10.49 0.00	127.24 8.90 0.05	123.03 8.25 -0.20	136.97 8.99 0.00	112.39 7.44 0.00
VISCHER__FERRY HYD 24020	131.35 4.82 -13.98	104.20 3.99 -3.12	88.51 3.45 0.00	82.15 3.30 0.00	86.22 3.50 0.00	131.81 5.85 0.00	167.30 6.99 -13.91	138.59 5.07 -22.74	146.47 5.92 -13.63	135.19 5.45 -7.11	96.02 3.71 -10.08	75.23 3.20 -8.40	71.01 3.01 -8.69	76.20 3.15 -13.37	76.63 3.45 -8.91	112.53 4.71 -12.36	135.08 4.52 -38.46	211.00 7.98 -38.19	140.75 5.78 -16.89	143.94 6.94 0.00	124.63 6.25 0.00	120.83 6.26 0.00	134.33 6.35 0.00	109.87 4.93 0.00
V_A_10_SYNC_DSASP 323832	103.19 -8.50 0.87	89.03 -6.05 2.01	77.54 -4.80 2.73	70.97 -4.59 3.30	75.90 -4.88 1.94	114.78 -9.89 1.29	130.55 -12.62 3.22	96.62 -9.90 4.26	102.92 -11.19 12.82	86.28 -10.18 26.17	53.67 -6.67 21.89	51.50 -4.96 7.17	48.05 -5.21 6.05	47.16 -5.54 6.99	53.43 -6.24 4.60	82.73 -9.08 3.65	72.86 -7.58 11.65	143.97 -12.39 8.48	105.17 -10.14 2.77	122.84 -12.34 1.83	101.98 -11.39 5.01	95.96 -11.78 6.83	107.63 -11.15 9.21	77.61 -7.05 20.29
V_CMM_10_SYNC_DSASP 323787	113.69 1.13 0.00	98.31 1.22 0.00	86.29 1.23 0.00	79.95 1.09 0.00	83.76 1.04 0.00	126.91 0.95 0.00	146.79 0.39 0.00	110.63 -0.14 0.00	126.43 -0.50 0.00	122.37 -0.26 0.00	81.90 -0.32 0.00	63.16 -0.46 0.00	59.20 -0.11 0.00	59.45 -0.23 0.00	63.67 -0.60 0.00	94.48 -0.97 0.00	90.42 -1.67 0.00	161.77 -3.07 0.00	115.82 -2.27 0.00	134.07 -2.93 0.00	115.78 -2.61 0.00	112.30 -2.28 0.00	126.25 -1.73 0.00	103.79 -1.15 0.00
V_CMP_10_SYNC_DSASP 323788	116.28 3.72 0.00	100.59 3.50 0.00	88.13 3.07 0.00	81.51 2.65 0.00	85.12 2.40 0.00	129.29 3.33 0.00	149.83 3.43 0.00	113.69 2.92 0.00	130.06 3.14 0.00	125.65 3.02 0.00	83.99 1.77 0.00	64.51 0.89 0.00	60.66 1.35 0.00	60.97 1.29 0.00	65.29 1.02 0.00	96.39 0.93 0.00	92.74 0.65 0.00	166.02 1.18 0.00	119.14 1.05 0.00	137.43 0.43 0.00	118.62 0.24 0.00	114.81 0.23 0.00	128.46 0.48 0.00	105.37 0.43 0.00
V_D_10_SYNC_DSASP 323841	114.32 1.77 0.00	98.86 1.76 0.00	86.80 1.74 0.00	80.41 1.56 0.00	84.26 1.54 0.00	127.61 1.65 0.00	147.20 0.80 0.00	111.15 0.37 0.00	127.24 0.31 0.00	123.29 0.66 0.00	82.45 0.23 0.00	63.57 -0.06 0.00	59.55 0.24 0.00	59.67 -0.02 0.00	63.89 -0.38 0.00	94.80 -0.66 0.00	91.01 -1.09 0.00	162.68 -2.16 0.00	116.34 -1.75 0.00	134.62 -2.38 0.00	116.31 -2.08 0.00	112.91 -1.67 0.00	127.37 -0.61 0.00	104.88 -0.06 0.00
V_E_10_SYNC_DSASP 323830	117.62 10.05 4.98	105.17 8.58 0.50	93.36 7.38 -0.91	86.63 6.67 -1.11	90.72 7.36 -0.65	138.11 11.71 -0.43	157.61 15.53 4.32	114.15 18.47 15.09	135.07 19.20 11.06	140.94 17.69 -0.62	88.34 11.58 5.46	62.83 8.06 8.86	57.78 6.41 7.94	53.44 6.15 12.40	61.59 6.02 8.70	92.58 8.91 11.79	73.88 8.93 27.14	171.41 18.23 11.65	125.93 13.49 5.65	153.16 15.54 -0.61	131.98 12.18 -1.42	129.07 10.86 -3.63	143.71 12.63 -3.10	122.33 10.56 -6.82
V_F_30_NSYNC__DSASP 323816	131.26 5.84 -12.86	104.96 5.00 -2.87	89.36 4.29 0.00	82.93 4.07 0.00	87.08 4.36 0.00	133.12 7.16 0.00	167.82 8.62 -12.80	138.17 6.49 -20.91	146.83 7.39 -12.52	135.85 6.68 -6.53	95.83 4.33 -9.26	74.95 3.60 -7.72	70.81 3.52 -7.98	75.70 3.73 -12.29	76.50 4.05 -8.18	112.74 5.93 -11.36	133.34 5.89 -35.36	210.31 10.33 -35.14	141.15 7.52 -15.55	145.99 8.99 0.00	126.22 7.83 0.00	122.05 7.48 0.00	135.75 7.77 0.00	110.95 6.00 0.00



V_F_30_SYNC_DSASP 323786	129.71 3.45 -13.70	102.86 2.71 -3.05	87.43 2.37 0.00	81.39 2.54 0.00	85.16 2.45 0.00	130.03 4.07 0.00	165.02 4.98 -13.64	136.71 3.65 -22.29	144.52 4.23 -13.36	133.54 3.94 -6.97	94.93 2.82 -9.89	74.54 2.68 -8.23	70.39 2.58 -8.51	75.40 2.63 -13.09	75.81 2.82 -8.71	110.80 3.25 -12.09	132.77 3.05 -37.63	207.61 5.42 -37.36	138.41 3.80 -16.53	141.52 4.52 0.00	122.67 4.29 0.00	119.45 4.87 0.00	132.80 4.82 0.00	108.89 3.94 0.00
V_XM_10_SYNC_DSASP 323789	116.28 3.72 0.00	100.59 3.50 0.00	88.13 3.07 0.00	81.51 2.65 0.00	85.12 2.40 0.00	129.29 3.33 0.00	149.83 3.43 0.00	113.69 2.92 0.00	130.06 3.14 0.00	125.65 3.02 0.00	83.99 1.77 0.00	64.51 0.89 0.00	60.66 1.35 0.00	60.97 1.29 0.00	65.29 1.02 0.00	96.39 0.93 0.00	92.74 0.65 0.00	166.02 1.18 0.00	119.14 1.05 0.00	137.43 0.43 0.00	118.62 0.24 0.00	114.81 0.23 0.00	128.46 0.48 0.00	105.37 0.43 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	180.93 6.76 -61.61	116.44 5.61 -13.74	89.51 4.45 0.00	82.89 4.03 0.00	87.01 4.29 0.00	133.27 7.32 0.00	216.82 9.09 -61.34	218.56 7.36 -100.43	195.51 8.25 -60.33	161.81 7.70 -31.48	132.13 5.26 -44.64	105.11 4.22 -37.26	102.03 4.00 -38.72	123.36 4.08 -59.59	108.72 4.75 -39.69	157.73 7.14 -55.12	270.48 7.19 -171.20	347.06 12.79 -169.44	202.27 9.24 -74.94	147.12 10.12 0.00	127.20 8.83 0.01	122.82 8.24 0.00	136.30 8.32 0.00	111.16 6.21 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	169.35 7.56 -49.22	114.29 6.22 -10.98	90.02 4.96 0.00	83.32 4.46 0.00	87.37 4.65 0.00	133.78 7.82 0.00	205.00 9.60 -49.00	198.86 7.86 -80.22	184.13 9.03 -48.17	156.39 8.62 -25.14	123.76 5.88 -35.64	98.25 4.70 -29.92	94.71 4.46 -30.94	111.69 4.51 -47.50	101.15 5.23 -31.64	147.21 7.81 -43.94	236.40 7.81 -136.51	313.75 13.77 -135.14	187.78 9.93 -59.77	147.99 10.98 0.00	127.95 9.58 0.01	123.61 9.04 0.00	137.14 9.16 0.00	111.81 6.86 0.00
W50THST__13_KV_LOAD 356117	169.91 8.13 -49.22	114.75 6.68 -10.98	90.41 5.35 0.00	83.67 4.81 0.00	87.77 5.05 0.00	134.37 8.41 0.00	205.70 10.30 -49.00	199.44 8.44 -80.22	184.86 9.76 -48.17	157.25 9.49 -25.14	124.43 6.55 -35.64	98.91 5.20 -30.08	95.28 4.96 -31.01	112.19 5.00 -47.50	101.65 5.74 -31.64	147.98 8.57 -43.94	237.09 8.49 -136.51	314.97 15.00 -135.14	188.61 10.75 -59.77	148.91 11.91 0.00	128.66 10.29 0.01	124.25 9.68 0.00	137.90 9.93 0.00	112.44 7.49 0.00
WADING RIVER_IC_1 23522	171.22 10.46 -48.21	117.15 9.11 -10.95	92.81 7.75 0.00	86.00 7.14 0.00	90.19 7.47 0.00	137.62 11.65 0.00	208.30 13.03 -48.88	200.54 9.75 -80.01	185.91 10.94 -48.04	158.64 10.94 -25.07	125.85 8.07 -35.55	99.54 6.25 -29.66	95.38 5.29 -30.78	112.75 5.69 -47.38	103.15 7.31 -31.56	150.78 11.48 -43.83	237.76 9.84 -135.82	316.00 16.37 -134.79	190.91 13.20 -59.62	152.51 15.51 0.00	131.77 13.40 0.01	127.37 12.80 0.00	140.35 12.37 0.00	115.30 10.35 0.00
WADING RIVER_IC_2 23547	171.22 10.46 -48.21	117.15 9.11 -10.95	92.81 7.75 0.00	86.00 7.14 0.00	90.19 7.47 0.00	137.62 11.65 0.00	208.30 13.03 -48.88	200.54 9.75 -80.01	185.91 10.94 -48.04	158.64 10.94 -25.07	125.85 8.07 -35.55	99.54 6.25 -29.66	95.38 5.29 -30.78	112.75 5.69 -47.38	103.15 7.31 -31.56	150.78 11.48 -43.83	237.76 9.84 -135.82	316.00 16.37 -134.79	190.91 13.20 -59.62	152.51 15.51 0.00	131.77 13.40 0.01	127.37 12.80 0.00	140.35 12.37 0.00	115.30 10.35 0.00
WADING RIVER_IC_3 23601	171.22 10.46 -48.21	117.15 9.11 -10.95	92.81 7.75 0.00	86.00 7.14 0.00	90.19 7.47 0.00	137.62 11.65 0.00	208.30 13.03 -48.88	200.54 9.75 -80.01	185.91 10.94 -48.04	158.64 10.94 -25.07	125.85 8.07 -35.55	99.54 6.25 -29.66	95.38 5.29 -30.78	112.75 5.69 -47.38	103.15 7.31 -31.56	150.78 11.48 -43.83	237.76 9.84 -135.82	316.00 16.37 -134.79	190.91 13.20 -59.62	152.51 15.51 0.00	131.77 13.40 0.01	127.37 12.80 0.00	140.35 12.37 0.00	115.30 10.35 0.00
WALDENNY_12_KV_BK2 80841	106.84 -5.72 0.00	93.90 -3.19 0.00	82.87 -2.20 0.00	76.56 -2.30 0.00	80.25 -2.47 0.00	119.15 -6.81 0.00	137.36 -9.04 0.00	101.25 -7.20 2.33	111.22 -8.43 7.28	108.90 -7.46 6.28	66.00 -4.89 11.34	48.86 -4.00 10.76	52.26 -4.12 2.93	52.81 -4.41 2.47	56.20 -5.14 2.94	88.10 -7.25 0.11	87.05 -5.04 0.00	156.94 -7.90 0.00	111.04 -7.05 0.00	128.09 -8.92 0.00	109.25 -8.58 0.55	104.13 -9.36 1.09	120.04 -7.94 0.00	100.57 -4.38 0.00
WALDEN__HYDRO 24148	184.75 7.78 -64.41	117.87 6.41 -14.36	90.23 5.17 0.00	83.53 4.68 0.00	87.70 4.98 0.00	134.44 8.48 0.00	221.17 10.65 -64.13	224.39 8.60 -105.02	199.88 9.74 -63.21	164.76 9.15 -32.98	135.08 6.08 -46.77	107.46 4.78 -39.06	104.53 4.57 -40.65	126.90 4.66 -62.56	111.26 5.36 -41.63	161.23 8.05 -57.73	279.71 8.33 -179.30	357.26 14.99 -177.44	207.06 10.46 -78.53	148.16 11.16 0.00	128.05 9.69 0.01	123.53 8.95 0.00	137.09 9.11 0.00	111.82 6.87 0.00
WARRENSBURG____ 23737	130.40 5.17 -12.67	104.57 4.65 -2.83	89.08 4.01 0.00	82.66 3.81 0.00	86.87 4.16 0.00	132.92 6.96 0.00	167.30 8.29 -12.61	137.71 6.34 -20.59	146.51 7.25 -12.33	135.52 6.45 -6.43	95.41 4.06 -9.12	74.56 3.33 -7.60	70.52 3.35 -7.86	75.38 3.60 -12.10	76.15 3.82 -8.06	112.42 5.77 -11.19	132.76 5.85 -34.82	209.85 10.40 -34.62	141.04 7.64 -15.31	146.28 9.28 0.00	126.39 8.00 0.00	122.05 7.47 0.00	135.70 7.72 0.00	110.70 5.75 0.00
WATERSIDE____6 8 9 23538	169.25 7.54 -49.16	114.27 6.22 -10.96	89.98 4.91 0.00	83.24 4.38 0.00	87.30 4.58 0.00	133.52 7.56 0.00	204.72 9.38 -48.94	198.63 7.74 -80.12	183.99 8.96 -48.11	156.11 8.37 -25.10	123.45 5.63 -35.60	99.59 4.50 -31.47	95.16 4.28 -31.57	111.44 4.31 -47.44	100.91 5.04 -31.60	146.83 7.48 -43.89	235.88 7.46 -136.33	312.93 13.13 -134.96	187.33 9.56 -59.69	147.53 10.52 0.00	127.54 9.17 0.01	123.27 8.69 0.00	136.79 8.81 0.00	111.52 6.57 0.00
WATKINRD_115KV_LN8_ILLION 55919	114.28 1.72 0.00	98.39 1.30 0.00	86.15 1.08 0.00	79.99 1.13 0.00	83.92 1.21 0.00	128.13 2.17 0.00	148.25 1.85 0.00	111.94 1.16 0.00	128.20 1.27 0.00	123.81 1.18 0.00	83.61 1.38 0.00	64.77 1.15 0.00	60.48 1.17 0.00	60.98 1.30 0.00	65.76 1.49 0.00	97.30 1.84 0.00	93.98 1.89 0.00	168.48 3.65 0.00	120.87 2.78 0.00	140.44 3.44 0.00	121.48 3.09 0.00	117.70 3.12 0.00	131.06 3.08 0.00	107.20 2.25 0.00
WATSON__69_KV_BK 1 55734	171.50 10.69 -48.26	117.15 9.11 -10.95	92.65 7.59 0.00	85.85 6.99 0.00	90.01 7.29 0.00	137.29 11.32 0.00	208.19 12.92 -48.88	200.39 9.60 -80.01	185.67 10.69 -48.04	158.66 10.96 -25.07	125.85 8.07 -35.55	99.62 6.34 -29.66	95.64 5.55 -30.78	112.95 5.88 -47.38	103.08 7.25 -31.56	150.51 11.22 -43.83	237.80 9.87 -135.84	315.86 16.24 -134.79	190.44 12.74 -59.62	151.92 14.92 0.00	132.03 13.66 0.01	127.76 13.18 0.00	140.89 12.91 0.00	115.85 10.91 0.00
WDELAWARE__HYD 323627	179.99 12.56 -54.86	119.77 10.44 -12.23	93.69 8.62 0.00	86.68 7.83 0.00	91.04 8.33 0.00	139.79 13.83 0.00	218.43 17.41 -54.62	214.23 13.96 -89.49	197.12 16.02 -54.17	165.98 15.08 -28.26	131.80 9.49 -40.08	104.49 7.34 -33.52	101.53 7.11 -35.11	120.91 7.18 -54.05	108.06 7.93 -35.85	157.14 12.16 -49.52	258.74 12.83 -153.82	340.60 23.52 -152.24	200.80 15.34 -67.37	151.18 14.17 0.00	130.52 12.15 0.02	125.79 11.22 0.00	139.59 11.61 0.00	113.79 8.85 0.00

WEST BABYLON___IC 23714	170.96 10.05 -48.36	116.55 8.51 -10.95	92.07 7.01 0.00	85.36 6.51 0.00	89.49 6.77 0.00	136.52 10.56 0.00	207.49 12.21 -48.88	200.03 9.24 -80.01	185.28 10.30 -48.04	158.17 10.47 -25.07	125.38 7.60 -35.55	99.30 6.02 -29.66	95.41 5.32 -30.78	112.65 5.59 -47.38	102.68 6.85 -31.56	149.95 10.66 -43.83	237.47 9.50 -135.88	315.42 15.79 -134.79	189.97 12.27 -59.62	151.24 14.23 0.00	131.39 13.02 0.01	127.19 12.62 0.00	140.28 12.30 0.00	115.18 10.23 0.00
WEST CANADA___HYD 24049	113.03 0.47 0.00	97.46 0.37 0.00	85.33 0.26 0.00	79.15 0.29 0.00	83.03 0.32 0.00	126.59 0.63 0.00	147.21 0.82 0.00	111.37 0.59 0.00	127.61 0.68 0.00	123.28 0.65 0.00	82.73 0.50 0.00	64.07 0.45 0.00	59.73 0.42 0.00	60.13 0.44 0.00	64.83 0.55 0.00	96.19 0.74 0.00	92.84 0.74 0.00	166.15 1.31 0.00	119.02 0.94 0.00	138.18 1.18 0.00	119.45 1.06 0.00	115.65 1.08 0.00	128.99 1.01 0.00	105.70 0.75 0.00
WESTERN_NY_WIND 24143	107.44 -5.12 0.00	94.06 -3.04 0.00	82.86 -2.20 0.00	76.66 -2.20 0.00	80.46 -2.26 0.00	120.08 -5.88 0.00	138.91 -7.49 0.00	103.82 -5.87 1.08	117.17 -6.64 3.11	113.29 -5.78 3.56	69.69 -4.00 8.54	51.91 -3.37 8.35	52.49 -3.71 3.11	52.92 -4.14 2.62	56.17 -4.94 3.16	88.98 -6.44 0.04	88.56 -3.81 -0.28	159.59 -5.30 -0.06	115.73 -5.21 -2.85	130.27 -6.74 0.00	116.37 -6.65 -4.65	106.30 -7.50 0.77	121.53 -6.45 0.00	101.63 -3.32 0.00
WESTOVER___LESR 323668	107.59 0.68 5.65	96.32 0.49 1.26	85.53 0.47 0.00	79.25 0.40 0.00	83.20 0.48 0.00	126.40 0.44 0.00	141.54 0.77 5.63	101.78 0.82 9.81	122.44 1.39 5.88	121.38 1.31 2.56	80.45 1.07 2.84	62.21 0.65 2.07	56.27 0.56 3.59	54.10 0.51 6.10	61.13 0.55 3.70	90.14 0.92 6.23	75.22 1.42 18.30	151.97 2.74 15.61	113.17 1.95 6.86	139.36 2.36 0.00	120.05 1.76 0.10	115.75 1.18 0.00	129.60 1.62 0.00	106.45 1.51 0.00
WETHRSFD_WT_PWR 323626	106.15 -5.95 0.45	92.38 -3.67 1.04	81.05 -2.60 1.41	74.51 -2.64 1.71	78.72 -2.99 1.01	118.20 -7.09 0.67	136.02 -8.70 1.68	94.30 -6.98 9.49	83.41 -9.52 33.99	61.99 -8.88 51.75	-4.44 -5.94 80.73	-5.50 -4.86 64.26	11.21 -5.51 42.58	22.15 -5.77 31.77	28.66 -6.53 29.08	82.44 -8.42 4.59	73.26 -6.01 12.82	151.29 -7.37 6.18	110.71 -6.20 1.18	128.42 -7.63 0.94	108.20 -7.47 2.72	101.63 -8.28 4.66	115.69 -7.52 4.77	89.51 -4.93 10.50
WHAVSTOR_138KV_BK127 55557	179.86 6.30 -61.00	115.93 5.24 -13.60	89.18 4.12 0.00	82.57 3.71 0.00	86.69 3.97 0.00	132.76 6.80 0.00	215.60 8.47 -60.73	217.04 6.82 -99.44	194.28 7.62 -59.73	160.94 7.14 -31.17	131.31 4.88 -44.20	104.45 3.93 -36.89	101.37 3.73 -38.34	122.49 3.80 -59.00	108.06 4.48 -39.30	156.74 6.70 -54.58	268.35 6.75 -169.51	344.60 11.99 -167.78	200.94 8.65 -74.21	146.44 9.43 0.00	126.64 8.27 0.01	122.29 7.72 0.00	135.71 7.73 0.00	110.73 5.78 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	179.86 6.30 -61.00	115.93 5.24 -13.60	89.18 4.12 0.00	82.57 3.71 0.00	86.69 3.97 0.00	132.76 6.80 0.00	215.60 8.47 -60.73	217.04 6.82 -99.44	194.28 7.62 -59.73	160.94 7.14 -31.17	131.31 4.88 -44.20	104.45 3.93 -36.89	101.37 3.73 -38.34	122.49 3.80 -59.00	108.06 4.48 -39.30	156.74 6.70 -54.58	268.35 6.75 -169.51	344.60 11.99 -167.78	200.94 8.65 -74.21	146.44 9.43 0.00	126.64 8.27 0.01	122.29 7.72 0.00	135.71 7.73 0.00	110.73 5.78 0.00
WHITEHAL_115KV_TB1 80871	132.48 7.17 -12.75	107.51 7.58 -2.84	91.76 6.70 0.00	85.05 6.19 0.00	89.67 6.95 0.00	137.32 11.36 0.00	172.54 13.45 -12.69	141.85 10.35 -20.72	151.99 12.66 -12.41	139.50 10.39 -6.48	97.92 6.51 -9.18	75.97 4.69 -7.65	71.83 4.62 -7.91	76.74 4.88 -12.18	77.75 5.37 -8.11	115.19 8.47 -11.26	135.92 8.78 -35.04	214.79 15.12 -34.84	145.12 11.63 -15.41	152.11 15.10 0.00	131.53 13.15 0.00	126.45 11.88 0.00	140.19 12.21 0.00	113.74 8.80 0.00
WHITEPLN_13_KV_LOAD 356215	170.94 8.27 -50.11	115.11 6.85 -11.17	90.59 5.53 0.00	83.88 5.02 0.00	88.00 5.28 0.00	134.84 8.88 0.00	207.31 11.02 -49.89	201.32 8.87 -81.67	186.05 10.08 -49.04	157.70 9.48 -25.59	124.98 6.46 -36.29	99.05 5.15 -30.27	95.61 4.88 -31.42	112.98 4.93 -48.36	102.20 5.72 -32.21	148.77 8.57 -44.74	239.72 8.65 -138.98	317.78 15.36 -137.58	190.00 11.07 -60.85	149.26 12.25 0.00	129.00 10.63 0.01	124.55 9.97 0.00	138.11 10.13 0.00	112.58 7.63 0.00
WM_FLOYD_69_KV_BK2 356380	170.97 10.20 -48.21	116.91 8.87 -10.95	92.54 7.48 0.00	85.76 6.91 0.00	89.90 7.18 0.00	137.14 11.18 0.00	207.82 12.54 -48.88	200.24 9.45 -80.01	185.42 10.45 -48.04	158.19 10.49 -25.07	125.52 7.74 -35.55	99.36 6.07 -29.66	95.22 5.13 -30.78	112.56 5.50 -47.38	102.97 7.14 -31.56	150.40 11.11 -43.83	237.57 9.65 -135.83	315.45 15.83 -134.79	190.35 12.65 -59.62	151.84 14.84 0.00	131.63 13.25 0.01	127.30 12.72 0.00	140.26 12.28 0.00	115.30 10.35 0.00
WOODARD__115KV_TB2 355635	109.99 -2.57 0.00	94.91 -2.18 0.00	83.18 -1.88 0.00	77.11 -1.75 0.00	80.95 -1.76 0.00	123.22 -2.74 0.00	143.37 -3.03 0.00	108.98 -1.80 0.00	125.18 -1.75 0.00	120.97 -1.66 0.00	81.19 -1.03 0.00	62.78 -0.84 0.00	58.49 -0.81 0.00	58.87 -0.81 0.00	63.39 -0.88 0.00	93.92 -1.53 0.00	90.99 -1.10 0.00	163.00 -1.84 0.00	116.57 -1.52 0.00	135.22 -1.78 0.00	116.63 -1.75 0.00	112.53 -2.05 0.00	125.67 -2.31 0.00	103.17 -1.78 0.00
YORK___WARBASSE 23770	169.43 7.72 -49.16	114.37 6.32 -10.96	90.00 4.94 0.00	83.25 4.40 0.00	87.32 4.60 0.00	133.55 7.59 0.00	204.97 9.64 -48.94	198.73 7.84 -80.12	184.06 9.02 -48.11	156.13 8.40 -25.10	123.48 5.65 -35.60	100.24 4.47 -32.14	95.36 4.20 -31.85	111.44 4.32 -47.44	100.95 5.08 -31.60	146.87 7.53 -43.89	235.86 7.45 -136.33	312.82 13.02 -134.96	187.26 9.48 -59.69	147.39 10.39 0.00	127.45 9.08 0.01	123.18 8.61 0.00	136.63 8.65 0.00	111.39 6.44 0.00