

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/13/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	106.87	119.76	109.83	121.99	126.80	124.20	126.46	85.78	98.94	110.12	139.64	130.57	125.87	120.97	126.95	135.80	155.85	146.39	151.00	140.03	143.81	133.28	111.65	108.85
24138	4.80	5.25	4.64	4.71	5.05	5.02	5.49	4.29	5.06	5.33	6.98	6.95	6.64	5.93	6.03	6.41	7.52	6.89	7.22	6.78	6.47	5.95	4.34	4.11
	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
74TH STREET_GT_1	106.75	119.57	109.68	121.81	126.64	124.05	126.35	85.72	98.89	110.04	139.52	130.49	125.75	120.93	126.88	135.74	155.79	146.40	151.00	140.03	143.80	133.26	111.62	108.84
24260	4.69	5.06	4.50	4.54	4.89	4.87	5.38	4.24	5.02	5.25	6.86	6.87	6.53	5.89	5.96	6.34	7.46	6.91	7.22	6.78	6.46	5.93	4.30	4.10
	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
74TH STREET_GT_2	106.75	119.57	109.68	121.81	126.64	124.05	126.35	85.72	98.89	110.04	139.52	130.49	125.75	120.93	126.88	135.74	155.79	146.40	151.00	140.03	143.80	133.26	111.62	108.84
24261	4.69	5.06	4.50	4.54	4.89	4.87	5.38	4.24	5.02	5.25	6.86	6.87	6.53	5.89	5.96	6.34	7.46	6.91	7.22	6.78	6.46	5.93	4.30	4.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	109.35	123.10	112.99	125.99	130.86	128.36	130.82	88.51	101.96	113.43	143.86	133.83	129.34	124.94	131.36	141.11	162.04	152.09	156.74	145.04	148.96	138.13	115.81	112.96
24011	7.28	8.59	7.81	8.71	9.11	9.19	9.86	7.03	8.08	8.64	11.20	10.20	10.11	9.90	10.44	11.71	13.71	12.59	12.96	11.78	11.62	10.80	8.49	8.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	109.63	123.52	113.39	126.45	131.27	128.88	131.84	89.35	102.94	114.35	145.13	134.82	130.37	126.01	132.47	142.55	163.76	153.46	158.18	146.39	150.20	139.24	116.61	113.72
23798	7.56	9.01	8.20	9.17	9.52	9.70	10.87	7.87	9.06	9.55	12.46	11.20	11.14	10.97	11.55	13.15	15.43	13.96	14.40	13.14	12.86	11.91	9.30	8.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	109.35	123.10	112.99	125.99	130.86	128.36	130.82	88.51	101.96	113.43	143.86	133.83	129.34	124.94	131.36	141.11	162.04	152.09	156.74	145.04	148.96	138.13	115.81	112.96
24028	7.28	8.59	7.81	8.71	9.11	9.19	9.86	7.03	8.08	8.64	11.20	10.20	10.11	9.90	10.44	11.71	13.71	12.59	12.96	11.78	11.62	10.80	8.49	8.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	107.64	121.47	111.46	124.38	129.15	126.25	128.18	86.56	99.58	110.81	140.75	130.85	126.67	122.23	128.39	137.32	157.20	147.84	152.61	141.11	145.61	135.02	113.47	110.78
23527	5.57	6.96	6.27	7.10	7.41	7.08	7.21	5.07	5.70	6.02	8.09	7.23	7.44	7.19	7.48	7.93	8.87	8.35	8.83	7.85	8.28	7.69	6.15	6.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	105.21	118.44	108.76	121.26	125.94	123.13	124.52	83.93	96.51	107.64	135.95	127.17	122.90	118.10	123.72	131.99	150.89	142.18	146.83	136.10	140.47	130.31	110.18	108.04
24190	3.14	3.92	3.57	3.98	4.19	3.96	3.56	2.45	2.64	2.85	3.29	3.55	3.68	3.05	2.80	2.60	2.56	2.69	3.05	2.84	3.13	2.98	2.86	3.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	103.00	115.38	106.37	118.38	122.13	119.55	121.62	82.37	95.01	106.31	134.07	124.11	119.76	115.96	122.13	129.84	148.50	139.63	143.79	133.38	137.59	127.77	108.46	106.46
355683	0.93	0.87	1.18	1.10	0.39	0.37	0.65	0.89	1.13	1.51	1.41	0.49	0.53	0.92	1.22	0.44	0.17	0.14	0.00	0.12	0.25	0.44	1.14	1.72
	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	106.42	119.79	110.06	122.76	127.48	124.73	126.33	85.07	97.78	108.93	137.75	128.62	124.17	119.46	125.08	133.98	153.93	144.87	149.47	138.37	142.69	132.33	111.58	109.20
323833	4.35	5.28	4.87	5.47	5.73	5.55	5.36	3.59	3.90	4.14	5.09	5.00	4.94	4.42	4.17	4.59	5.61	5.37	5.68	5.11	5.35	5.00	4.27	4.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	106.40	119.75	110.01	122.69	127.45	124.69	126.29	85.06	97.75	108.87	137.69	128.57	124.13	119.41	125.06	133.92	153.87	144.80	149.38	138.33	142.63	132.28	111.52	109.18
323834	4.34	5.24	4.83	5.41	5.70	5.52	5.33	3.58	3.87	4.08	5.03	4.94	4.90	4.37	4.15	4.52	5.54	5.30	5.60	5.08	5.29	4.95	4.21	4.43
	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	105.21	118.44	108.76	121.26	125.94	123.13	124.52	83.93	96.51	107.64	135.95	127.17	122.90	118.10	123.72	131.99	150.89	142.18	146.83	136.10	140.47	130.31	110.18	108.04
23571	3.14	3.92	3.57	3.98	4.19	3.96	3.56	2.45	2.64	2.85	3.29	3.55	3.68	3.05	2.80	2.60	2.56	2.69	3.05	2.84	3.13	2.98	2.86	3.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	105.21 3.14 0.00	118.44 3.92 0.00	108.76 3.57 0.00	121.26 3.98 0.00	125.94 4.19 0.00	123.13 3.96 0.00	124.52 3.56 0.00	83.93 2.45 0.00	96.51 2.64 0.00	107.64 2.85 0.00	135.95 3.29 0.00	127.17 3.55 0.00	122.90 3.68 0.00	118.10 3.05 0.00	123.72 2.80 0.00	131.99 2.60 0.00	150.89 2.56 0.00	142.18 2.69 0.00	146.83 3.05 0.00	136.10 2.84 0.00	140.47 3.13 0.00	130.31 2.98 0.00	110.18 2.86 0.00	108.04 3.29 0.00
ALBANY___3 23573	105.21 3.14 0.00	118.44 3.92 0.00	108.76 3.57 0.00	121.26 3.98 0.00	125.94 4.19 0.00	123.13 3.96 0.00	124.52 3.56 0.00	83.93 2.45 0.00	96.51 2.64 0.00	107.64 2.85 0.00	135.95 3.29 0.00	127.17 3.55 0.00	122.90 3.68 0.00	118.10 3.05 0.00	123.72 2.80 0.00	131.99 2.60 0.00	150.89 2.56 0.00	142.18 2.69 0.00	146.83 3.05 0.00	136.10 2.84 0.00	140.47 3.13 0.00	130.31 2.98 0.00	110.18 2.86 0.00	108.04 3.29 0.00
ALBANY___4 23574	105.21 3.14 0.00	118.44 3.92 0.00	108.76 3.57 0.00	121.26 3.98 0.00	125.94 4.19 0.00	123.13 3.96 0.00	124.52 3.56 0.00	83.93 2.45 0.00	96.51 2.64 0.00	107.64 2.85 0.00	135.95 3.29 0.00	127.17 3.55 0.00	122.90 3.68 0.00	118.10 3.05 0.00	123.72 2.80 0.00	131.99 2.60 0.00	150.89 2.56 0.00	142.18 2.69 0.00	146.83 3.05 0.00	136.10 2.84 0.00	140.47 3.13 0.00	130.31 2.98 0.00	110.18 2.86 0.00	108.04 3.29 0.00
ALBANY___LFGE 323615	106.12 4.05 0.00	119.45 4.94 0.00	109.69 4.50 0.00	122.30 5.01 0.00	127.01 5.27 0.00	124.20 5.03 0.00	125.66 4.69 0.00	84.72 3.24 0.00	97.45 3.58 0.00	108.70 3.91 0.00	137.36 4.71 0.00	128.53 4.91 0.00	124.18 4.95 0.00	119.37 4.33 0.00	125.05 4.14 0.00	133.44 4.05 0.00	152.66 4.33 0.00	143.82 4.68 0.00	148.47 4.37 0.00	137.62 4.60 0.00	141.94 4.38 0.00	131.71 3.95 0.00	111.26 3.95 0.00	109.05 4.31 0.00
ALCOA_PA_115KV_PL-6C 55860	104.02 1.96 0.00	116.65 2.14 0.00	107.50 2.31 0.00	119.80 2.52 0.00	124.27 2.53 0.00	121.52 2.34 0.00	123.30 2.33 0.00	83.05 1.57 0.00	95.62 1.75 0.00	107.06 2.27 0.00	135.56 2.90 0.00	126.15 2.52 0.00	121.52 2.29 0.00	117.43 2.39 0.00	123.49 2.58 0.00	132.03 2.64 0.00	150.91 2.58 0.00	141.91 2.42 0.00	146.23 2.45 0.00	135.67 2.41 0.00	139.93 2.59 0.00	129.89 2.57 0.00	110.07 2.75 0.00	107.35 2.61 0.00
ALCOA_RYNLDS___DRP 24188	104.02 1.96 0.00	116.65 2.14 0.00	107.50 2.31 0.00	119.80 2.52 0.00	124.27 2.53 0.00	121.52 2.34 0.00	123.30 2.33 0.00	83.05 1.57 0.00	95.62 1.75 0.00	107.06 2.27 0.00	135.56 2.90 0.00	126.15 2.52 0.00	121.52 2.29 0.00	117.43 2.39 0.00	123.49 2.58 0.00	132.03 2.64 0.00	150.91 2.58 0.00	141.91 2.42 0.00	146.23 2.45 0.00	135.67 2.41 0.00	139.93 2.59 0.00	129.89 2.57 0.00	110.07 2.75 0.00	107.35 2.61 0.00
ALCOA___DSASP 323711	104.02 1.96 0.00	116.65 2.14 0.00	107.50 2.31 0.00	119.80 2.52 0.00	124.27 2.53 0.00	121.52 2.34 0.00	123.30 2.33 0.00	83.05 1.57 0.00	95.62 1.75 0.00	107.06 2.27 0.00	135.56 2.90 0.00	126.15 2.52 0.00	121.52 2.29 0.00	117.43 2.39 0.00	123.49 2.58 0.00	132.03 2.64 0.00	150.91 2.58 0.00	141.91 2.42 0.00	146.23 2.45 0.00	135.67 2.41 0.00	139.93 2.59 0.00	129.89 2.57 0.00	110.07 2.75 0.00	107.35 2.61 0.00
ALLEGHENY___COGEN 23514	99.23 -2.34 0.50	108.81 -4.96 0.73	98.29 -6.23 0.67	109.24 -6.96 1.08	113.98 -6.83 0.93	111.41 -6.54 1.23	112.63 -7.68 0.66	75.63 -5.26 0.59	87.13 -5.49 1.25	93.86 -5.58 5.36	119.83 -8.17 4.66	114.33 -7.33 1.97	111.93 -6.74 0.56	108.45 -6.05 0.53	109.36 -6.49 5.07	114.60 -5.89 8.91	132.02 -5.53 10.78	121.13 -5.20 13.16	125.25 -6.04 12.49	113.19 -5.27 14.79	116.30 -5.68 15.35	109.93 -6.06 11.34	99.88 -4.79 2.65	97.11 -4.79 2.84
ALTAMONT_115KV_TB 2 55880	104.61 2.54 0.00	117.70 3.19 0.00	108.13 2.94 0.00	120.53 3.24 0.00	125.18 3.43 0.00	122.48 3.31 0.00	124.21 3.24 0.00	83.69 2.20 0.00	96.31 2.43 0.00	107.36 2.57 0.00	135.89 3.23 0.00	126.84 3.21 0.00	122.48 3.25 0.00	117.94 2.90 0.00	123.69 2.77 0.00	132.22 2.82 0.00	151.53 3.20 0.00	142.53 3.04 0.00	147.09 3.30 0.00	136.27 3.02 0.00	140.44 3.10 0.00	130.23 2.91 0.00	109.73 2.41 0.00	107.33 2.59 0.00
ALTONA_WT_PWR 323606	104.08 2.01 0.00	116.67 2.15 0.00	107.41 2.22 0.00	119.71 2.43 0.00	124.75 3.01 0.00	122.27 3.10 0.00	124.44 3.48 0.00	83.93 2.45 0.00	96.36 2.48 0.00	107.38 2.59 0.00	136.40 3.74 0.00	127.11 3.49 0.00	122.25 3.02 0.00	118.05 3.01 0.00	123.95 3.03 0.00	132.71 3.32 0.00	151.40 3.07 0.00	141.70 2.20 0.00	145.88 2.10 0.00	135.68 2.43 0.00	139.88 2.54 0.00	129.86 2.53 0.00	109.44 2.12 0.00	106.41 1.68 0.00
AMERICAN_REF_FUEL 24010	89.50 -9.66 2.90	98.88 -11.37 4.26	89.10 -12.23 3.86	97.66 -13.35 6.28	102.40 -13.95 5.40	98.28 -13.75 7.14	100.10 -17.06 3.82	64.81 -13.25 3.42	71.48 -15.14 7.26	57.72 -16.00 31.07	85.21 -20.41 27.04	92.63 -19.58 11.41	97.17 -18.83 3.22	94.29 -17.65 3.11	72.88 -18.65 29.39	58.57 -19.18 51.65	64.53 -21.26 62.53	43.33 -19.81 76.35	50.25 -21.09 72.44	28.62 -18.82 85.81	29.46 -18.83 89.05	44.39 -17.20 65.75	79.00 -12.95 15.36	75.44 -12.83 16.47
ARKWRIGHT___SUMMIT_WT_PWR 323751	88.85 -9.30 3.91	96.89 -11.86 5.76	86.79 -13.17 5.22	94.40 -14.40 8.48	100.01 -14.45 7.29	94.13 -15.40 9.65	98.92 -16.89 5.16	65.02 -11.85 4.62	70.83 -13.24 9.81	48.76 -14.05 41.98	78.91 -17.22 36.53	93.42 -14.79 15.41	99.89 -14.98 4.35	97.08 -13.76 4.19	67.69 -13.52 39.70	48.02 -11.61 69.77	51.72 -12.13 84.48	22.26 -14.09 103.15	29.09 -16.83 97.87	4.96 -12.36 115.94	5.32 -11.72 120.31	27.86 -10.65 88.82	77.41 -9.15 20.75	73.39 -9.11 22.25
ARTHUR KILL_GT_1 23520	105.38 3.32 0.00	117.98 3.46 0.00	108.36 3.18 0.00	120.31 3.03 0.00	125.06 3.32 0.00	122.40 3.23 0.00	124.80 3.83 0.00	84.98 3.49 0.00	97.83 3.95 0.00	108.59 3.80 0.00	116.77 5.06 20.95	106.35 5.10 22.37	124.03 4.81 0.01	119.18 4.14 0.01	125.19 4.27 0.00	134.08 4.68 0.00	153.94 5.61 0.00	144.60 5.11 0.00	149.04 5.26 0.00	138.22 4.96 0.00	142.00 4.65 0.00	131.79 4.46 0.00	110.42 3.10 0.00	107.75 3.01 0.00
ARTHUR_KILL_2 23512	105.05 2.98 0.00	117.60 3.09 0.00	108.03 2.84 0.00	119.95 2.67 0.00	124.70 2.95 0.00	122.01 2.84 0.00	124.40 3.43 0.00	84.69 3.20 0.00	97.53 3.65 0.00	108.25 3.45 0.00	116.34 4.63 20.95	105.97 4.72 22.37	123.67 4.45 0.01	118.83 3.80 0.01	124.83 3.92 0.00	133.64 4.25 0.00	153.39 5.06 0.00	144.09 4.59 0.00	148.47 4.69 0.00	137.72 4.47 0.00	141.49 4.15 0.00	131.34 4.01 0.00	110.04 2.72 0.00	107.38 2.64 0.00
ARTHUR_KILL_3 23513	105.55 3.48 0.00	118.29 3.78 0.00	108.53 3.34 0.00	120.47 3.19 0.00	125.23 3.49 0.00	122.66 3.49 0.00	124.91 3.94 0.00	84.73 3.25 0.00	97.69 3.82 0.00	108.63 3.84 0.00	116.76 5.05 20.94	106.40 5.14 22.37	124.13 4.91 0.01	119.33 4.29 0.01	125.27 4.35 0.00	134.02 4.63 0.00	153.82 5.49 0.00	144.55 5.06 0.00	149.10 5.32 0.00	138.27 5.02 0.00	142.03 4.69 0.00	131.69 4.36 0.00	110.24 2.93 0.00	107.51 2.77 0.00

ARTHUR_KILL_COGEN 323718	105.38 3.31 0.00	117.98 3.47 0.00	108.35 3.17 0.00	120.30 3.02 0.00	125.06 3.32 0.00	122.39 3.21 0.00	124.79 3.82 0.00	84.95 3.47 0.00	97.83 3.95 0.00	108.57 3.78 0.00	116.75 5.04 20.95	106.35 5.09 22.37	124.02 4.80 0.01	119.18 4.14 0.01	125.19 4.28 0.00	134.03 4.64 0.00	153.88 5.55 0.00	144.59 5.09 0.00	149.01 5.23 0.00	138.19 4.94 0.00	141.97 4.63 0.00	131.75 4.42 0.00	110.39 3.08 0.00	107.69 2.95 0.00
ASHOKAN____ 23654	108.75 6.68 0.00	122.07 7.56 0.00	112.12 6.94 0.00	124.93 7.65 0.00	129.92 8.17 0.00	127.33 8.16 0.00	129.37 8.40 0.00	87.60 6.11 0.00	100.99 7.11 0.00	112.42 7.63 0.00	142.49 9.83 0.00	133.18 9.56 0.00	128.30 9.08 0.00	123.38 8.34 0.00	129.42 8.50 0.00	138.18 8.79 0.00	159.47 11.15 0.00	150.09 10.60 0.00	154.71 10.93 0.00	143.24 9.98 0.00	147.21 9.87 0.00	136.21 8.87 0.00	114.25 6.93 0.00	111.42 6.68 0.00
ASTORIA_EAST_ENERGY_CC1 323581	105.54 3.47 0.00	118.19 3.67 0.00	108.46 3.28 0.00	120.92 3.63 0.00	125.70 3.96 0.00	123.10 3.93 0.00	125.46 4.49 0.00	85.14 3.66 0.00	98.26 4.38 0.00	109.20 4.41 0.00	138.39 5.73 0.00	129.35 5.73 0.00	124.75 5.52 0.00	119.79 4.75 0.00	125.85 4.93 0.00	134.64 5.24 0.00	154.53 6.20 0.00	145.29 5.79 0.00	149.77 5.98 0.00	138.89 5.64 0.00	142.59 5.25 0.00	132.27 4.94 0.00	110.96 3.65 0.00	108.06 3.31 0.00
ASTORIA_EAST_ENERGY_CC2 323582	105.54 3.47 0.00	118.19 3.67 0.00	108.46 3.28 0.00	120.92 3.63 0.00	125.70 3.96 0.00	123.10 3.93 0.00	125.46 4.49 0.00	85.14 3.66 0.00	98.26 4.38 0.00	109.20 4.41 0.00	138.39 5.73 0.00	129.35 5.73 0.00	124.75 5.52 0.00	119.79 4.75 0.00	125.85 4.93 0.00	134.64 5.24 0.00	154.53 6.20 0.00	145.29 5.79 0.00	149.77 5.98 0.00	138.89 5.64 0.00	142.59 5.25 0.00	132.27 4.94 0.00	110.96 3.65 0.00	108.06 3.31 0.00
ASTORIA_GT2_1 24094	105.61 3.55 0.00	118.25 3.74 0.00	108.53 3.35 0.00	120.98 3.69 0.00	125.76 4.02 0.00	123.19 4.02 0.00	125.57 4.60 0.00	85.21 3.73 0.00	98.32 4.45 0.00	109.27 4.48 0.00	138.51 5.85 0.00	129.45 5.83 0.00	124.81 5.58 0.00	119.86 4.82 0.00	125.92 5.00 0.00	134.70 5.31 0.00	154.65 6.32 0.00	145.37 5.87 0.00	149.88 6.10 0.00	139.01 5.75 0.00	142.69 5.35 0.00	132.36 5.03 0.00	111.05 3.73 0.00	108.13 3.39 0.00
ASTORIA_GT2_2 24095	105.61 3.55 0.00	118.25 3.74 0.00	108.53 3.35 0.00	120.98 3.69 0.00	125.76 4.02 0.00	123.19 4.02 0.00	125.57 4.60 0.00	85.21 3.73 0.00	98.32 4.45 0.00	109.27 4.48 0.00	138.51 5.85 0.00	129.45 5.83 0.00	124.81 5.58 0.00	119.86 4.82 0.00	125.92 5.00 0.00	134.70 5.31 0.00	154.65 6.32 0.00	145.37 5.87 0.00	149.88 6.10 0.00	139.01 5.75 0.00	142.69 5.35 0.00	132.36 5.03 0.00	111.05 3.73 0.00	108.13 3.39 0.00
ASTORIA_GT2_3 24096	105.61 3.55 0.00	118.25 3.74 0.00	108.53 3.35 0.00	120.98 3.69 0.00	125.76 4.02 0.00	123.19 4.02 0.00	125.57 4.60 0.00	85.21 3.73 0.00	98.32 4.45 0.00	109.27 4.48 0.00	138.51 5.85 0.00	129.45 5.83 0.00	124.81 5.58 0.00	119.86 4.82 0.00	125.92 5.00 0.00	134.70 5.31 0.00	154.65 6.32 0.00	145.37 5.87 0.00	149.88 6.10 0.00	139.01 5.75 0.00	142.69 5.35 0.00	132.36 5.03 0.00	111.05 3.73 0.00	108.13 3.39 0.00
ASTORIA_GT2_4 24097	105.61 3.55 0.00	118.25 3.74 0.00	108.53 3.35 0.00	120.98 3.69 0.00	125.76 4.02 0.00	123.19 4.02 0.00	125.57 4.60 0.00	85.21 3.73 0.00	98.32 4.45 0.00	109.27 4.48 0.00	138.51 5.85 0.00	129.45 5.83 0.00	124.81 5.58 0.00	119.86 4.82 0.00	125.92 5.00 0.00	134.70 5.31 0.00	154.65 6.32 0.00	145.37 5.87 0.00	149.88 6.10 0.00	139.01 5.75 0.00	142.69 5.35 0.00	132.36 5.03 0.00	111.05 3.73 0.00	108.13 3.39 0.00
ASTORIA_GT3_1 24098	105.61 3.55 0.00	118.25 3.74 0.00	108.53 3.35 0.00	120.98 3.69 0.00	125.76 4.02 0.00	123.19 4.02 0.00	125.57 4.60 0.00	85.21 3.73 0.00	98.32 4.45 0.00	109.27 4.48 0.00	138.51 5.85 0.00	129.45 5.83 0.00	124.81 5.58 0.00	119.86 4.82 0.00	125.92 5.00 0.00	134.70 5.31 0.00	154.65 6.32 0.00	145.37 5.87 0.00	149.88 6.10 0.00	139.01 5.75 0.00	142.69 5.35 0.00	132.36 5.03 0.00	111.05 3.73 0.00	108.13 3.39 0.00
ASTORIA_GT3_2 24099	105.61 3.55 0.00	118.25 3.74 0.00	108.53 3.35 0.00	120.98 3.69 0.00	125.76 4.02 0.00	123.19 4.02 0.00	125.57 4.60 0.00	85.21 3.73 0.00	98.32 4.45 0.00	109.27 4.48 0.00	138.51 5.85 0.00	129.45 5.83 0.00	124.81 5.58 0.00	119.86 4.82 0.00	125.92 5.00 0.00	134.70 5.31 0.00	154.65 6.32 0.00	145.37 5.87 0.00	149.88 6.10 0.00	139.01 5.75 0.00	142.69 5.35 0.00	132.36 5.03 0.00	111.05 3.73 0.00	108.13 3.39 0.00
ASTORIA_GT3_3 24100	105.61 3.55 0.00	118.25 3.74 0.00	108.53 3.35 0.00	120.98 3.69 0.00	125.76 4.02 0.00	123.19 4.02 0.00	125.57 4.60 0.00	85.21 3.73 0.00	98.32 4.45 0.00	109.27 4.48 0.00	138.51 5.85 0.00	129.45 5.83 0.00	124.81 5.58 0.00	119.86 4.82 0.00	125.92 5.00 0.00	134.70 5.31 0.00	154.65 6.32 0.00	145.37 5.87 0.00	149.88 6.10 0.00	139.01 5.75 0.00	142.69 5.35 0.00	132.36 5.03 0.00	111.05 3.73 0.00	108.13 3.39 0.00
ASTORIA_GT3_4 24101	105.61 3.55 0.00	118.25 3.74 0.00	108.53 3.35 0.00	120.98 3.69 0.00	125.76 4.02 0.00	123.19 4.02 0.00	125.57 4.60 0.00	85.21 3.73 0.00	98.32 4.45 0.00	109.27 4.48 0.00	138.51 5.85 0.00	129.45 5.83 0.00	124.81 5.58 0.00	119.86 4.82 0.00	125.92 5.00 0.00	134.70 5.31 0.00	154.65 6.32 0.00	145.37 5.87 0.00	149.88 6.10 0.00	139.01 5.75 0.00	142.69 5.35 0.00	132.36 5.03 0.00	111.05 3.73 0.00	108.13 3.39 0.00
ASTORIA_GT4_1 24102	105.61 3.55 0.00	118.25 3.74 0.00	108.53 3.35 0.00	120.98 3.69 0.00	125.76 4.02 0.00	123.19 4.02 0.00	125.57 4.60 0.00	85.21 3.73 0.00	98.32 4.45 0.00	109.27 4.48 0.00	138.51 5.85 0.00	129.45 5.83 0.00	124.81 5.58 0.00	119.86 4.82 0.00	125.92 5.00 0.00	134.70 5.31 0.00	154.65 6.32 0.00	145.37 5.87 0.00	149.88 6.10 0.00	139.01 5.75 0.00	142.69 5.35 0.00	132.36 5.03 0.00	111.05 3.73 0.00	108.13 3.39 0.00
ASTORIA_GT4_2 24103	105.61 3.55 0.00	118.25 3.74 0.00	108.53 3.35 0.00	120.98 3.69 0.00	125.76 4.02 0.00	123.19 4.02 0.00	125.57 4.60 0.00	85.21 3.73 0.00	98.32 4.45 0.00	109.27 4.48 0.00	138.51 5.85 0.00	129.45 5.83 0.00	124.81 5.58 0.00	119.86 4.82 0.00	125.92 5.00 0.00	134.70 5.31 0.00	154.65 6.32 0.00	145.37 5.87 0.00	149.88 6.10 0.00	139.01 5.75 0.00	142.69 5.35 0.00	132.36 5.03 0.00	111.05 3.73 0.00	108.13 3.39 0.00
ASTORIA_GT4_3 24104	105.61 3.55 0.00	118.25 3.74 0.00	108.53 3.35 0.00	120.98 3.69 0.00	125.76 4.02 0.00	123.19 4.02 0.00	125.57 4.60 0.00	85.21 3.73 0.00	98.32 4.45 0.00	109.27 4.48 0.00	138.51 5.85 0.00	129.45 5.83 0.00	124.81 5.58 0.00	119.86 4.82 0.00	125.92 5.00 0.00	134.70 5.31 0.00	154.65 6.32 0.00	145.37 5.87 0.00	149.88 6.10 0.00	139.01 5.75 0.00	142.69 5.35 0.00	132.36 5.03 0.00	111.05 3.73 0.00	108.13 3.39 0.00

ASTORIA_GT4_4 24105	105.61 3.55 0.00	118.25 3.74 0.00	108.53 3.35 0.00	120.98 3.69 0.00	125.76 4.02 0.00	123.19 4.02 0.00	125.57 4.60 0.00	85.21 3.73 0.00	98.32 4.45 0.00	109.27 4.48 0.00	138.51 5.85 0.00	129.45 5.83 0.00	124.81 5.58 0.00	119.86 4.82 0.00	125.92 5.00 0.00	134.70 5.31 0.00	154.65 6.32 0.00	145.37 5.87 0.00	149.88 6.10 0.00	139.01 5.75 0.00	142.69 5.35 0.00	132.36 5.03 0.00	111.05 3.73 0.00	108.13 3.39 0.00
ASTORIA_GT_1 23523	105.81 3.74 0.00	118.47 3.95 0.00	108.72 3.53 0.00	121.18 3.90 0.00	125.97 4.23 0.00	123.38 4.21 0.00	125.78 4.81 0.00	85.35 3.87 0.00	98.49 4.62 0.00	109.47 4.68 0.00	138.78 6.12 0.00	129.70 6.07 0.00	125.04 5.82 0.00	120.09 5.05 0.00	126.17 5.26 0.00	134.96 5.56 0.00	154.94 6.62 0.00	145.65 6.15 0.00	150.18 6.40 0.00	139.27 6.02 0.00	142.96 5.62 0.00	132.61 5.28 0.00	111.26 3.94 0.00	108.35 3.60 0.00
ASTORIA_GT_10 24110	105.78 3.72 0.00	118.53 4.02 0.00	108.77 3.58 0.00	120.86 3.58 0.00	125.61 3.87 0.00	123.02 3.84 0.00	125.31 4.34 0.00	84.99 3.51 0.00	98.03 4.15 0.00	109.07 4.28 0.00	138.41 5.74 0.00	129.38 5.76 0.00	124.61 5.39 0.00	119.65 4.61 0.00	125.66 4.75 0.00	134.42 5.02 0.00	154.26 5.94 0.00	144.95 5.45 0.00	149.49 5.70 0.00	138.63 5.37 0.00	142.37 5.03 0.00	131.99 4.66 0.00	110.56 3.25 0.00	107.79 3.05 0.00
ASTORIA_GT_11 24225	105.78 3.72 0.00	118.53 4.02 0.00	108.77 3.58 0.00	120.86 3.58 0.00	125.61 3.87 0.00	123.02 3.84 0.00	125.31 4.34 0.00	84.99 3.51 0.00	98.03 4.15 0.00	109.07 4.28 0.00	138.41 5.74 0.00	129.38 5.76 0.00	124.61 5.39 0.00	119.65 4.61 0.00	125.66 4.75 0.00	134.42 5.02 0.00	154.26 5.94 0.00	144.95 5.45 0.00	149.49 5.70 0.00	138.63 5.37 0.00	142.37 5.03 0.00	131.99 4.66 0.00	110.56 3.25 0.00	107.79 3.05 0.00
ASTORIA_GT_12 24226	105.78 3.72 0.00	118.53 4.02 0.00	108.77 3.58 0.00	120.86 3.58 0.00	125.61 3.87 0.00	123.02 3.84 0.00	125.31 4.34 0.00	84.99 3.51 0.00	98.03 4.15 0.00	109.07 4.28 0.00	138.41 5.74 0.00	129.38 5.76 0.00	124.61 5.39 0.00	119.65 4.61 0.00	125.66 4.75 0.00	134.42 5.02 0.00	154.26 5.94 0.00	144.95 5.45 0.00	149.49 5.70 0.00	138.63 5.37 0.00	142.37 5.03 0.00	131.99 4.66 0.00	110.56 3.25 0.00	107.79 3.05 0.00
ASTORIA_GT_13 24227	105.78 3.72 0.00	118.53 4.02 0.00	108.77 3.58 0.00	120.86 3.58 0.00	125.61 3.87 0.00	123.02 3.84 0.00	125.31 4.34 0.00	84.99 3.51 0.00	98.03 4.15 0.00	109.07 4.28 0.00	138.41 5.74 0.00	129.38 5.76 0.00	124.61 5.39 0.00	119.65 4.61 0.00	125.66 4.75 0.00	134.42 5.02 0.00	154.26 5.94 0.00	144.95 5.45 0.00	149.49 5.70 0.00	138.63 5.37 0.00	142.37 5.03 0.00	131.99 4.66 0.00	110.56 3.25 0.00	107.79 3.05 0.00
ASTORIA_GT_5 24106	105.81 3.74 0.00	118.47 3.95 0.00	108.72 3.53 0.00	121.18 3.90 0.00	125.97 4.23 0.00	123.38 4.21 0.00	125.78 4.81 0.00	85.35 3.87 0.00	98.49 4.62 0.00	109.47 4.68 0.00	138.78 6.12 0.00	129.70 6.07 0.00	125.04 5.82 0.00	120.09 5.05 0.00	126.17 5.26 0.00	134.96 5.56 0.00	154.94 6.62 0.00	145.65 6.15 0.00	150.18 6.40 0.00	139.27 6.02 0.00	142.96 5.62 0.00	132.61 5.28 0.00	111.26 3.94 0.00	108.35 3.60 0.00
ASTORIA_GT_7 24107	105.81 3.74 0.00	118.47 3.95 0.00	108.72 3.53 0.00	121.18 3.90 0.00	125.97 4.23 0.00	123.38 4.21 0.00	125.78 4.81 0.00	85.35 3.87 0.00	98.49 4.62 0.00	109.47 4.68 0.00	138.78 6.12 0.00	129.70 6.07 0.00	125.04 5.82 0.00	120.09 5.05 0.00	126.17 5.26 0.00	134.96 5.56 0.00	154.94 6.62 0.00	145.65 6.15 0.00	150.18 6.40 0.00	139.27 6.02 0.00	142.96 5.62 0.00	132.61 5.28 0.00	111.26 3.94 0.00	108.35 3.60 0.00
ASTORIA_GT_8 24108	105.81 3.74 0.00	118.47 3.95 0.00	108.72 3.53 0.00	121.18 3.90 0.00	125.97 4.23 0.00	123.38 4.21 0.00	125.78 4.81 0.00	85.35 3.87 0.00	98.49 4.62 0.00	109.47 4.68 0.00	138.78 6.12 0.00	129.70 6.07 0.00	125.04 5.82 0.00	120.09 5.05 0.00	126.17 5.26 0.00	134.96 5.56 0.00	154.94 6.62 0.00	145.65 6.15 0.00	150.18 6.40 0.00	139.27 6.02 0.00	142.96 5.62 0.00	132.61 5.28 0.00	111.26 3.94 0.00	108.35 3.60 0.00
ASTORIA___2 24149	105.60 3.53 0.00	118.24 3.73 0.00	108.52 3.34 0.00	120.98 3.69 0.00	125.75 4.01 0.00	123.16 3.99 0.00	125.55 4.58 0.00	85.20 3.71 0.00	98.31 4.43 0.00	109.24 4.44 0.00	138.46 5.80 0.00	129.41 5.78 0.00	124.81 5.58 0.00	119.88 4.84 0.00	125.89 4.98 0.00	134.69 5.29 0.00	154.61 6.28 0.00	145.33 5.84 0.00	149.83 6.05 0.00	138.95 5.70 0.00	142.66 5.32 0.00	132.34 5.01 0.00	110.99 3.68 0.00	108.09 3.35 0.00
ASTORIA___3 23516	105.77 3.71 0.00	118.54 4.02 0.00	108.75 3.57 0.00	120.83 3.55 0.00	125.59 3.85 0.00	122.99 3.81 0.00	125.30 4.34 0.00	84.98 3.50 0.00	98.02 4.14 0.00	109.05 4.26 0.00	138.37 5.71 0.00	129.37 5.75 0.00	124.61 5.39 0.00	119.65 4.61 0.00	125.64 4.72 0.00	134.40 5.00 0.00	154.22 5.89 0.00	144.94 5.44 0.00	149.44 5.66 0.00	138.59 5.34 0.00	142.32 4.98 0.00	131.97 4.64 0.00	110.55 3.23 0.00	107.76 3.02 0.00
ASTORIA___4 23517	105.78 3.72 0.00	118.53 4.02 0.00	108.77 3.58 0.00	120.86 3.58 0.00	125.61 3.87 0.00	123.02 3.84 0.00	125.31 4.34 0.00	84.99 3.51 0.00	98.03 4.15 0.00	109.07 4.28 0.00	138.41 5.74 0.00	129.37 5.75 0.00	124.61 5.39 0.00	119.65 4.61 0.00	125.66 4.75 0.00	134.42 5.02 0.00	154.25 5.92 0.00	144.95 5.45 0.00	149.49 5.70 0.00	138.63 5.37 0.00	142.37 5.03 0.00	131.99 4.66 0.00	110.56 3.25 0.00	107.79 3.05 0.00
ASTORIA___5 23518	105.78 3.72 0.00	118.54 4.02 0.00	108.75 3.57 0.00	120.84 3.56 0.00	125.59 3.85 0.00	122.99 3.81 0.00	125.30 4.34 0.00	84.98 3.50 0.00	98.02 4.14 0.00	109.05 4.26 0.00	138.37 5.71 0.00	129.37 5.75 0.00	124.61 5.39 0.00	119.65 4.61 0.00	125.64 4.72 0.00	134.40 5.00 0.00	154.22 5.89 0.00	144.94 5.44 0.00	149.44 5.66 0.00	138.59 5.34 0.00	142.34 5.00 0.00	131.97 4.64 0.00	110.55 3.23 0.00	107.77 3.03 0.00
AST_ENERGY_2_CC3 323677	104.52 2.46 0.00	116.97 2.45 0.00	107.35 2.16 0.00	120.77 3.49 0.00	125.51 3.77 0.00	122.93 3.75 0.00	125.20 4.23 0.00	85.00 3.52 0.00	97.99 4.11 0.00	109.00 4.21 0.00	138.35 5.69 0.00	129.37 5.75 0.00	124.68 5.46 0.00	95.99 4.71 23.76	95.99 4.74 29.67	97.66 5.02 36.75	134.51 5.89 19.71	138.85 5.43 6.08	147.57 5.70 1.91	138.66 5.41 0.00	134.42 5.04 7.96	132.00 4.67 0.00	110.58 3.26 0.00	107.84 3.10 0.00
AST_ENERGY_2_CC4 323678	104.52 2.46 0.00	116.97 2.45 0.00	107.35 2.16 0.00	120.77 3.49 0.00	125.51 3.77 0.00	122.93 3.75 0.00	125.20 4.23 0.00	85.00 3.52 0.00	97.99 4.11 0.00	109.00 4.21 0.00	138.35 5.69 0.00	129.37 5.75 0.00	124.68 5.46 0.00	95.99 4.71 23.76	95.99 4.74 29.67	97.66 5.02 36.75	134.51 5.89 19.71	138.85 5.43 6.08	147.57 5.70 1.91	138.66 5.41 0.00	134.42 5.04 7.96	132.00 4.67 0.00	110.58 3.26 0.00	107.84 3.10 0.00

ATHENS_STG_1 23668	104.88 2.81 0.00	117.88 3.36 0.00	108.32 3.13 0.00	120.56 3.28 0.00	125.30 3.55 0.00	122.69 3.51 0.00	124.72 3.75 0.00	84.12 2.64 0.00	96.87 2.99 0.00	107.86 3.07 0.00	136.69 4.03 0.00	127.64 4.01 0.00	123.14 3.91 0.00	118.63 3.59 0.00	124.35 3.43 0.00	132.86 3.47 0.00	152.33 4.00 0.00	143.19 3.70 0.00	147.72 3.94 0.00	136.86 3.61 0.00	140.88 3.54 0.00	130.64 3.31 0.00	109.73 2.41 0.00	107.31 2.57 0.00
ATHENS_STG_2 23670	104.88 2.81 0.00	117.88 3.36 0.00	108.32 3.13 0.00	120.56 3.28 0.00	125.30 3.55 0.00	122.69 3.51 0.00	124.72 3.75 0.00	84.12 2.64 0.00	96.87 2.99 0.00	107.86 3.07 0.00	136.69 4.03 0.00	127.64 4.01 0.00	123.14 3.91 0.00	118.63 3.59 0.00	124.35 3.43 0.00	132.86 3.47 0.00	152.33 4.00 0.00	143.19 3.70 0.00	147.72 3.94 0.00	136.86 3.61 0.00	140.88 3.54 0.00	130.64 3.31 0.00	109.73 2.41 0.00	107.31 2.57 0.00
ATHENS_STG_3 23677	104.88 2.81 0.00	117.88 3.36 0.00	108.32 3.13 0.00	120.56 3.28 0.00	125.30 3.55 0.00	122.69 3.51 0.00	124.72 3.75 0.00	84.12 2.64 0.00	96.87 2.99 0.00	107.86 3.07 0.00	136.69 4.03 0.00	127.64 4.01 0.00	123.14 3.91 0.00	118.63 3.59 0.00	124.35 3.43 0.00	132.86 3.47 0.00	152.33 4.00 0.00	143.19 3.70 0.00	147.72 3.94 0.00	136.86 3.61 0.00	140.88 3.54 0.00	130.64 3.31 0.00	109.73 2.41 0.00	107.31 2.57 0.00
AUBURN___LFGE 323710	100.92 -1.14 0.00	112.59 -1.93 0.00	103.01 -2.18 0.00	114.89 -2.39 0.00	119.79 -1.96 0.00	117.34 -1.83 0.00	118.55 -2.42 0.00	79.75 -1.73 0.00	92.35 -1.53 0.00	103.18 -1.61 0.00	130.49 -2.17 0.00	121.47 -2.16 0.00	117.13 -2.10 0.00	113.32 -1.72 0.00	119.02 -1.90 0.00	127.78 -1.62 0.00	146.88 -1.45 0.00	138.26 -1.23 0.00	142.29 -1.49 0.00	131.98 -1.28 0.00	135.82 -1.52 0.00	125.73 -1.60 0.00	105.39 -1.93 0.00	102.75 -1.99 0.00
BABYLON_RES_REC 323704	108.50 6.44 0.00	121.24 6.73 0.00	111.22 6.04 0.00	123.34 6.06 0.00	129.46 6.76 -0.95	127.36 6.71 -1.48	131.22 7.12 -3.14	89.94 5.95 -2.51	105.58 6.87 -4.83	115.58 6.75 -4.04	140.35 7.52 -0.17	132.82 8.03 -1.16	132.59 7.88 -5.48	126.51 7.71 -3.75	134.71 7.76 -6.03	141.85 7.61 -4.84	161.52 9.28 -3.91	153.36 8.58 -5.28	158.71 8.80 -6.12	147.36 8.38 -5.72	149.44 7.84 -4.26	138.56 7.08 -4.15	113.39 4.95 -1.12	112.02 5.11 -2.17
BALL_HILL_WT_PWR 323825	90.46 -7.98 3.63	99.30 -9.87 5.34	89.42 -10.93 4.83	97.57 -11.85 7.86	102.97 -12.01 6.76	97.86 -12.37 8.94	101.90 -14.29 4.78	66.65 -10.55 4.28	72.85 -11.93 9.09	53.18 -12.70 38.91	82.89 -15.91 33.86	95.21 -14.12 14.29	101.25 -13.94 4.04	98.31 -12.84 3.89	70.71 -13.40 36.81	51.91 -12.80 64.68	56.44 -13.58 78.31	30.10 -13.78 95.62	37.59 -15.47 90.72	13.09 -12.69 107.47	13.11 -12.71 111.52	33.30 -11.69 82.33	78.65 -9.43 19.24	74.86 -9.26 20.63
BARON_WINDS___WT_PWR 323822	96.95 -5.92 -0.81	108.06 -7.64 -1.19	97.82 -8.44 -1.07	110.04 -8.99 -1.75	114.76 -8.48 -1.50	112.76 -8.41 -1.99	112.44 -9.59 -1.06	75.51 -6.92 -0.95	88.48 -7.42 -2.02	105.59 -7.85 -8.65	130.04 -10.15 -7.52	118.41 -8.39 -3.18	111.98 -8.15 -0.90	108.49 -7.41 -0.87	120.93 -8.17 -8.18	135.79 -7.98 -14.37	157.23 -8.50 -17.40	152.27 -8.47 -21.25	154.50 -9.44 -20.16	148.66 -8.48 -23.88	153.34 -8.78 -24.78	136.23 -9.40 -18.29	103.88 -7.71 -4.27	102.50 -6.82 -4.58
BARRETT_IC_1 23704	107.50 5.43 0.00	120.24 5.73 0.00	110.32 5.13 0.00	122.39 5.11 0.00	127.47 5.72 0.00	124.87 5.69 0.00	126.92 5.95 0.00	86.61 5.13 0.00	99.77 5.90 0.00	110.51 5.71 0.00	138.89 6.23 0.00	130.70 7.07 0.00	126.31 7.08 0.00	121.87 6.82 -0.01	127.75 6.82 -0.01	136.02 6.62 0.00	156.15 7.82 0.00	146.74 7.24 -0.01	151.21 7.42 -0.01	140.39 7.13 -0.01	143.89 6.55 0.00	133.02 5.69 0.00	111.07 3.76 0.00	108.73 3.98 0.00
BARRETT_IC_10 23701	107.50 5.43 0.00	120.24 5.73 0.00	110.32 5.13 0.00	122.39 5.11 0.00	127.47 5.72 0.00	124.87 5.69 0.00	126.92 5.95 0.00	86.61 5.13 0.00	99.77 5.90 0.00	110.51 5.71 0.00	138.89 6.23 0.00	130.70 7.07 0.00	126.31 7.08 0.00	121.87 6.82 -0.01	127.75 6.82 -0.01	136.02 6.62 0.00	156.15 7.82 0.00	146.74 7.24 -0.01	151.21 7.42 -0.01	140.39 7.13 -0.01	143.89 6.55 0.00	133.02 5.69 0.00	111.07 3.76 0.00	108.73 3.98 0.00
BARRETT_IC_11 23702	107.50 5.43 0.00	120.24 5.73 0.00	110.32 5.13 0.00	122.39 5.11 0.00	127.47 5.72 0.00	124.87 5.69 0.00	126.92 5.95 0.00	86.61 5.13 0.00	99.77 5.90 0.00	110.51 5.71 0.00	138.89 6.23 0.00	130.70 7.07 0.00	126.31 7.08 0.00	121.87 6.82 -0.01	127.75 6.82 -0.01	136.02 6.62 0.00	156.15 7.82 0.00	146.74 7.24 -0.01	151.21 7.42 -0.01	140.39 7.13 -0.01	143.89 6.55 0.00	133.02 5.69 0.00	111.07 3.76 0.00	108.73 3.98 0.00
BARRETT_IC_12 23703	107.50 5.43 0.00	120.24 5.73 0.00	110.32 5.13 0.00	122.39 5.11 0.00	127.47 5.72 0.00	124.87 5.69 0.00	126.92 5.95 0.00	86.61 5.13 0.00	99.77 5.90 0.00	110.51 5.71 0.00	138.89 6.23 0.00	130.70 7.07 0.00	126.31 7.08 0.00	121.87 6.82 -0.01	127.75 6.82 -0.01	136.02 6.62 0.00	156.15 7.82 0.00	146.74 7.24 -0.01	151.21 7.42 -0.01	140.39 7.13 -0.01	143.89 6.55 0.00	133.02 5.69 0.00	111.07 3.76 0.00	108.73 3.98 0.00
BARRETT_IC_2 23705	107.50 5.43 0.00	120.24 5.73 0.00	110.32 5.13 0.00	122.39 5.11 0.00	127.47 5.72 0.00	124.87 5.69 0.00	126.92 5.95 0.00	86.61 5.13 0.00	99.77 5.90 0.00	110.51 5.71 0.00	138.89 6.23 0.00	130.70 7.07 0.00	126.31 7.08 0.00	121.87 6.82 -0.01	127.75 6.82 -0.01	136.02 6.62 0.00	156.15 7.82 0.00	146.74 7.24 -0.01	151.21 7.42 -0.01	140.39 7.13 -0.01	143.89 6.55 0.00	133.02 5.69 0.00	111.07 3.76 0.00	108.73 3.98 0.00
BARRETT_IC_3 23706	107.50 5.43 0.00	120.24 5.73 0.00	110.32 5.13 0.00	122.39 5.11 0.00	127.47 5.72 0.00	124.87 5.69 0.00	126.92 5.95 0.00	86.61 5.13 0.00	99.77 5.90 0.00	110.51 5.71 0.00	138.89 6.23 0.00	130.70 7.07 0.00	126.31 7.08 0.00	121.87 6.82 -0.01	127.75 6.82 -0.01	136.02 6.62 0.00	156.15 7.82 0.00	146.74 7.24 -0.01	151.21 7.42 -0.01	140.39 7.13 -0.01	143.89 6.55 0.00	133.02 5.69 0.00	111.07 3.76 0.00	108.73 3.98 0.00
BARRETT_IC_4 23707	107.50 5.43 0.00	120.24 5.73 0.00	110.32 5.13 0.00	122.39 5.11 0.00	127.47 5.72 0.00	124.87 5.69 0.00	126.92 5.95 0.00	86.61 5.13 0.00	99.77 5.90 0.00	110.51 5.71 0.00	138.89 6.23 0.00	130.70 7.07 0.00	126.31 7.08 0.00	121.87 6.82 -0.01	127.75 6.82 -0.01	136.02 6.62 0.00	156.15 7.82 0.00	146.74 7.24 -0.01	151.21 7.42 -0.01	140.39 7.13 -0.01	143.89 6.55 0.00	133.02 5.69 0.00	111.07 3.76 0.00	108.73 3.98 0.00
BARRETT_IC_5 23708	107.50 5.43 0.00	120.24 5.73 0.00	110.32 5.13 0.00	122.39 5.11 0.00	127.47 5.72 0.00	124.87 5.69 0.00	126.92 5.95 0.00	86.61 5.13 0.00	99.77 5.90 0.00	110.51 5.71 0.00	138.89 6.23 0.00	130.70 7.07 0.00	126.31 7.08 0.00	121.87 6.82 -0.01	127.75 6.82 -0.01	136.02 6.62 0.00	156.15 7.82 0.00	146.74 7.24 -0.01	151.21 7.42 -0.01	140.39 7.13 -0.01	143.89 6.55 0.00	133.02 5.69 0.00	111.07 3.76 0.00	108.73 3.98 0.00

BARRETT_IC_6 23709	107.50 5.43 0.00	120.24 5.73 0.00	110.32 5.13 0.00	122.39 5.11 0.00	127.47 5.72 0.00	124.87 5.69 0.00	126.92 5.95 0.00	86.61 5.13 0.00	99.77 5.90 0.00	110.51 5.71 0.00	138.89 6.23 0.00	130.70 7.07 0.00	126.31 7.08 0.00	121.87 6.82 -0.01	127.75 6.82 -0.01	136.02 6.62 0.00	156.15 7.82 0.00	146.74 7.24 -0.01	151.21 7.42 -0.01	140.39 7.13 -0.01	143.89 6.55 0.00	133.02 5.69 0.00	111.07 3.76 0.00	108.73 3.98 0.00
BARRETT_IC_7 23710	107.49 5.42 0.00	120.25 5.73 0.00	110.33 5.14 0.00	122.38 5.10 0.00	127.49 5.74 0.00	124.93 5.75 0.00	126.96 5.99 0.00	86.61 5.13 0.00	99.77 5.90 0.00	110.54 5.74 0.00	138.93 6.27 0.00	130.72 7.10 0.00	126.33 7.10 0.00	121.89 6.84 -0.01	127.75 6.82 -0.01	136.06 6.66 0.00	156.21 7.87 0.00	146.79 7.29 -0.01	151.27 7.49 -0.01	140.45 7.19 -0.01	143.96 6.62 0.00	133.04 5.71 0.00	111.10 3.79 0.00	108.76 4.02 0.00
BARRETT_IC_8 23711	107.50 5.43 0.00	120.24 5.73 0.00	110.32 5.13 0.00	122.39 5.11 0.00	127.47 5.72 0.00	124.87 5.69 0.00	126.92 5.95 0.00	86.61 5.13 0.00	99.77 5.90 0.00	110.51 5.71 0.00	138.89 6.23 0.00	130.70 7.07 0.00	126.31 7.08 0.00	121.87 6.82 -0.01	127.75 6.82 -0.01	136.02 6.62 0.00	156.15 7.82 0.00	146.74 7.24 -0.01	151.21 7.42 -0.01	140.39 7.13 -0.01	143.89 6.55 0.00	133.02 5.69 0.00	111.07 3.76 0.00	108.73 3.98 0.00
BARRETT_IC_9 23700	107.50 5.43 0.00	120.24 5.73 0.00	110.32 5.13 0.00	122.39 5.11 0.00	127.47 5.72 0.00	124.87 5.69 0.00	126.92 5.95 0.00	86.61 5.13 0.00	99.77 5.90 0.00	110.51 5.71 0.00	138.89 6.23 0.00	130.70 7.07 0.00	126.31 7.08 0.00	121.87 6.82 -0.01	127.75 6.82 -0.01	136.02 6.62 0.00	156.15 7.82 0.00	146.74 7.24 -0.01	151.21 7.42 -0.01	140.39 7.13 -0.01	143.89 6.55 0.00	133.02 5.69 0.00	111.07 3.76 0.00	108.73 3.98 0.00
BARRETT___1 23545	107.50 5.43 0.00	120.24 5.73 0.00	110.32 5.13 0.00	122.39 5.11 0.00	127.47 5.72 0.00	124.87 5.69 0.00	126.92 5.95 0.00	86.61 5.13 0.00	99.77 5.90 0.00	110.51 5.71 0.00	138.89 6.23 0.00	130.70 7.07 0.00	126.31 7.08 0.00	121.87 6.82 -0.01	127.75 6.82 -0.01	136.02 6.62 0.00	156.15 7.82 0.00	146.74 7.24 -0.01	151.21 7.42 -0.01	140.39 7.13 -0.01	143.89 6.55 0.00	133.02 5.69 0.00	111.07 3.76 0.00	108.73 3.98 0.00
BARRETT___2 23546	107.50 5.43 0.00	120.24 5.73 0.00	110.32 5.13 0.00	122.39 5.11 0.00	127.47 5.72 0.00	124.87 5.69 0.00	126.92 5.95 0.00	86.61 5.13 0.00	99.77 5.90 0.00	110.51 5.71 0.00	138.89 6.23 0.00	130.70 7.07 0.00	126.31 7.08 0.00	121.87 6.82 -0.01	127.75 6.82 -0.01	136.02 6.62 0.00	156.15 7.82 0.00	146.74 7.24 -0.01	151.21 7.42 -0.01	140.39 7.13 -0.01	143.89 6.55 0.00	133.02 5.69 0.00	111.07 3.76 0.00	108.73 3.98 0.00
BATAVIA___115KV_TB1 55881	96.72 -5.35 0.00	107.94 -6.57 0.00	97.53 -7.66 0.00	109.01 -8.27 0.00	113.19 -8.56 0.00	110.66 -8.52 0.00	110.30 -10.67 0.00	73.08 -8.40 0.00	84.50 -9.38 0.00	94.98 -9.82 0.00	119.81 -12.85 0.00	111.18 -12.45 0.00	107.44 -11.79 0.00	104.22 -10.83 0.00	109.50 -11.41 0.00	118.11 -11.28 0.00	136.26 -12.07 0.00	128.40 -11.09 0.00	131.62 -12.17 0.00	122.51 -10.74 0.00	126.43 -10.91 0.00	117.24 -10.09 0.00	99.93 -7.38 0.00	97.23 -7.51 0.00
BAYONEEC___CTG1 323682	106.03 3.97 0.00	118.80 4.28 0.00	108.98 3.80 0.00	121.00 3.72 0.00	125.76 4.02 0.00	123.16 3.99 0.00	125.44 4.47 0.00	85.11 3.63 0.00	98.14 4.27 0.00	109.18 4.38 0.00	136.00 5.76 2.42	126.87 5.84 2.59	124.79 5.57 0.00	119.98 4.94 0.00	125.90 4.99 0.00	134.67 5.27 0.00	154.48 6.15 0.00	145.16 5.66 0.00	149.71 5.93 0.00	138.89 5.64 0.00	142.65 5.30 0.00	132.25 4.93 0.00	110.78 3.47 0.00	108.04 3.30 0.00
BAYONEEC___CTG10 323750	106.03 3.97 0.00	118.80 4.28 0.00	108.98 3.80 0.00	121.00 3.72 0.00	125.76 4.02 0.00	123.16 3.99 0.00	125.44 4.47 0.00	85.11 3.63 0.00	98.14 4.27 0.00	109.18 4.38 0.00	136.00 5.76 2.42	126.87 5.84 2.59	124.79 5.57 0.00	119.98 4.94 0.00	125.90 4.99 0.00	134.67 5.27 0.00	154.48 6.15 0.00	145.16 5.66 0.00	149.71 5.93 0.00	138.89 5.64 0.00	142.65 5.30 0.00	132.25 4.93 0.00	110.78 3.47 0.00	108.04 3.30 0.00
BAYONEEC___CTG2 323683	106.03 3.97 0.00	118.80 4.28 0.00	108.98 3.80 0.00	121.00 3.72 0.00	125.76 4.02 0.00	123.16 3.99 0.00	125.44 4.47 0.00	85.11 3.63 0.00	98.14 4.27 0.00	109.18 4.38 0.00	136.00 5.76 2.42	126.87 5.84 2.59	124.79 5.57 0.00	119.98 4.94 0.00	125.90 4.99 0.00	134.67 5.27 0.00	154.48 6.15 0.00	145.16 5.66 0.00	149.71 5.93 0.00	138.89 5.64 0.00	142.65 5.30 0.00	132.25 4.93 0.00	110.78 3.47 0.00	108.04 3.30 0.00
BAYONEEC___CTG3 323684	106.03 3.97 0.00	118.80 4.28 0.00	108.98 3.80 0.00	121.00 3.72 0.00	125.76 4.02 0.00	123.16 3.99 0.00	125.44 4.47 0.00	85.11 3.63 0.00	98.14 4.27 0.00	109.18 4.38 0.00	136.00 5.76 2.42	126.87 5.84 2.59	124.79 5.57 0.00	119.98 4.94 0.00	125.90 4.99 0.00	134.67 5.27 0.00	154.48 6.15 0.00	145.16 5.66 0.00	149.71 5.93 0.00	138.89 5.64 0.00	142.65 5.30 0.00	132.25 4.93 0.00	110.78 3.47 0.00	108.04 3.30 0.00
BAYONEEC___CTG4 323685	106.03 3.97 0.00	118.80 4.28 0.00	108.98 3.80 0.00	121.00 3.72 0.00	125.76 4.02 0.00	123.16 3.99 0.00	125.44 4.47 0.00	85.11 3.63 0.00	98.14 4.27 0.00	109.18 4.38 0.00	136.00 5.76 2.42	126.87 5.84 2.59	124.79 5.57 0.00	119.98 4.94 0.00	125.90 4.99 0.00	134.67 5.27 0.00	154.48 6.15 0.00	145.16 5.66 0.00	149.71 5.93 0.00	138.89 5.64 0.00	142.65 5.30 0.00	132.25 4.93 0.00	110.78 3.47 0.00	108.04 3.30 0.00
BAYONEEC___CTG5 323686	106.03 3.97 0.00	118.80 4.28 0.00	108.98 3.80 0.00	121.00 3.72 0.00	125.76 4.02 0.00	123.16 3.99 0.00	125.44 4.47 0.00	85.11 3.63 0.00	98.14 4.27 0.00	109.18 4.38 0.00	136.00 5.76 2.42	126.87 5.84 2.59	124.79 5.57 0.00	119.98 4.94 0.00	125.90 4.99 0.00	134.67 5.27 0.00	154.48 6.15 0.00	145.16 5.66 0.00	149.71 5.93 0.00	138.89 5.64 0.00	142.65 5.30 0.00	132.25 4.93 0.00	110.78 3.47 0.00	108.04 3.30 0.00
BAYONEEC___CTG6 323687	106.03 3.97 0.00	118.80 4.28 0.00	108.98 3.80 0.00	121.00 3.72 0.00	125.76 4.02 0.00	123.16 3.99 0.00	125.44 4.47 0.00	85.11 3.63 0.00	98.14 4.27 0.00	109.18 4.38 0.00	136.00 5.76 2.42	126.87 5.84 2.59	124.79 5.57 0.00	119.98 4.94 0.00	125.90 4.99 0.00	134.67 5.27 0.00	154.48 6.15 0.00	145.16 5.66 0.00	149.71 5.93 0.00	138.89 5.64 0.00	142.65 5.30 0.00	132.25 4.93 0.00	110.78 3.47 0.00	108.04 3.30 0.00
BAYONEEC___CTG7 323688	106.03 3.97 0.00	118.80 4.28 0.00	108.98 3.80 0.00	121.00 3.72 0.00	125.76 4.02 0.00	123.16 3.99 0.00	125.44 4.47 0.00	85.11 3.63 0.00	98.14 4.27 0.00	109.18 4.38 0.00	136.00 5.76 2.42	126.87 5.84 2.59	124.79 5.57 0.00	119.98 4.94 0.00	125.90 4.99 0.00	134.67 5.27 0.00	154.48 6.15 0.00	145.16 5.66 0.00	149.71 5.93 0.00	138.89 5.64 0.00	142.65 5.30 0.00	132.25 4.93 0.00	110.78 3.47 0.00	108.04 3.30 0.00

BAYONEEC___CTG8 323689	106.03 3.97 0.00	118.80 4.28 0.00	108.98 3.80 0.00	121.00 3.72 0.00	125.76 4.02 0.00	123.16 3.99 0.00	125.44 4.47 0.00	85.11 3.63 0.00	98.14 4.27 0.00	109.18 4.38 0.00	136.00 5.76 2.42	126.87 5.84 2.59	124.79 5.57 0.00	119.98 4.94 0.00	125.90 4.99 0.00	134.67 5.27 0.00	154.48 6.15 0.00	145.16 5.66 0.00	149.71 5.93 0.00	138.89 5.64 0.00	142.65 5.30 0.00	132.25 4.93 0.00	110.78 3.47 0.00	108.04 3.30 0.00
BAYONEEC___CTG9 323749	106.03 3.97 0.00	118.80 4.28 0.00	108.98 3.80 0.00	121.00 3.72 0.00	125.76 4.02 0.00	123.16 3.99 0.00	125.44 4.47 0.00	85.11 3.63 0.00	98.14 4.27 0.00	109.18 4.38 0.00	136.00 5.76 2.42	126.87 5.84 2.59	124.79 5.57 0.00	119.98 4.94 0.00	125.90 4.99 0.00	134.67 5.27 0.00	154.48 6.15 0.00	145.16 5.66 0.00	149.71 5.93 0.00	138.89 5.64 0.00	142.65 5.30 0.00	132.25 4.93 0.00	110.78 3.47 0.00	108.04 3.30 0.00
BEACON___LESR 323632	106.39 4.33 0.00	119.80 5.29 0.00	109.85 4.66 0.00	122.62 5.34 0.00	127.23 5.49 0.00	124.59 5.42 0.00	126.28 5.31 0.00	85.19 3.71 0.00	98.01 4.13 0.00	109.31 4.52 0.00	138.12 5.46 0.00	129.20 5.57 0.00	124.75 5.53 0.00	119.93 4.89 0.00	125.76 4.84 0.00	134.21 4.82 0.00	154.10 5.77 0.00	144.91 5.42 0.00	149.58 5.80 0.00	138.56 5.30 0.00	142.91 5.57 0.00	132.35 5.02 0.00	111.68 4.37 0.00	109.36 4.62 0.00
BEAVER RIVER___HYD 24048	101.82 -0.25 0.00	113.73 -0.78 0.00	105.48 0.29 0.00	117.68 0.40 0.00	121.09 -0.66 0.00	117.74 -1.44 0.00	121.04 0.07 0.00	80.92 -0.56 0.00	94.45 0.57 0.00	106.00 1.21 0.00	133.39 0.73 0.00	123.56 -0.06 0.00	117.93 -1.29 0.00	113.36 -1.68 0.00	120.80 -0.12 0.00	130.61 1.22 0.00	147.77 -0.56 0.00	140.64 1.14 0.00	146.46 2.68 0.00	136.05 2.79 0.00	140.30 2.96 0.00	130.00 2.68 0.00	110.42 3.11 0.00	107.57 2.83 0.00
BEEBEE_GT_13 23619	97.33 -4.74 0.00	108.75 -5.77 0.00	98.77 -6.41 0.00	110.26 -7.03 0.00	114.51 -7.24 0.00	112.07 -7.11 0.00	112.75 -8.22 0.00	75.29 -6.20 0.00	86.99 -6.89 0.00	97.50 -7.30 0.00	123.33 -9.33 0.00	114.59 -9.04 0.00	110.62 -8.60 0.00	107.12 -7.92 0.00	112.59 -8.33 0.00	121.03 -8.36 0.00	139.35 -8.98 0.00	131.28 -8.21 0.00	134.82 -8.96 0.00	125.32 -7.94 0.00	129.11 -8.24 0.00	119.64 -7.69 0.00	101.46 -5.85 0.00	98.81 -5.93 0.00
BENSHRST_27_KV_BENSHRST_1 355998	106.41 4.34 0.00	119.16 4.65 0.00	109.31 4.12 0.00	121.40 4.11 0.00	126.19 4.45 0.00	123.55 4.38 0.00	125.90 4.93 0.00	85.50 4.02 0.00	98.61 4.73 0.00	109.66 4.87 0.00	139.17 6.51 0.00	130.09 6.46 0.00	125.31 6.08 0.00	120.37 5.33 0.00	126.44 5.52 0.00	135.28 5.89 0.00	155.26 6.94 0.00	145.92 6.43 0.00	150.44 6.66 0.00	139.61 6.35 0.00	143.35 6.01 0.00	132.94 5.61 0.00	111.36 4.05 0.00	108.57 3.83 0.00
BETHLEHEM___GRP 23843	105.21 3.14 0.00	118.44 3.92 0.00	108.76 3.57 0.00	121.26 3.98 0.00	125.94 4.19 0.00	123.13 3.96 0.00	124.52 3.56 0.00	83.93 2.45 0.00	96.51 2.64 0.00	107.64 2.85 0.00	135.95 3.29 0.00	127.17 3.55 0.00	122.90 3.68 0.00	118.10 3.05 0.00	123.72 2.80 0.00	131.99 2.60 0.00	150.89 2.56 0.00	142.18 2.69 0.00	146.83 3.05 0.00	136.10 2.84 0.00	140.47 3.13 0.00	130.31 2.98 0.00	110.18 2.86 0.00	108.04 3.29 0.00
BETHLEHEM___GS1 323560	105.21 3.14 0.00	118.44 3.92 0.00	108.77 3.58 0.00	121.26 3.98 0.00	125.94 4.19 0.00	123.13 3.96 0.00	124.52 3.55 0.00	83.92 2.44 0.00	96.51 2.64 0.00	107.65 2.86 0.00	135.93 3.27 0.00	127.15 3.53 0.00	122.90 3.68 0.00	118.09 3.05 0.00	123.68 2.76 0.00	131.93 2.54 0.00	150.84 2.51 0.00	142.12 2.62 0.00	146.81 3.03 0.00	136.07 2.81 0.00	140.41 3.07 0.00	130.30 2.97 0.00	110.17 2.86 0.00	108.04 3.29 0.00
BETHLEHEM___GS2 323561	105.21 3.14 0.00	118.44 3.92 0.00	108.77 3.58 0.00	121.26 3.98 0.00	125.94 4.19 0.00	123.13 3.96 0.00	124.52 3.55 0.00	83.92 2.44 0.00	96.51 2.64 0.00	107.65 2.86 0.00	135.93 3.27 0.00	127.15 3.53 0.00	122.90 3.68 0.00	118.09 3.05 0.00	123.68 2.76 0.00	131.93 2.54 0.00	150.84 2.51 0.00	142.12 2.62 0.00	146.81 3.03 0.00	136.07 2.81 0.00	140.41 3.07 0.00	130.30 2.97 0.00	110.17 2.86 0.00	108.04 3.29 0.00
BETHLEHEM___GS3 323562	105.21 3.14 0.00	118.44 3.92 0.00	108.77 3.58 0.00	121.26 3.98 0.00	125.94 4.19 0.00	123.13 3.96 0.00	124.52 3.55 0.00	83.92 2.44 0.00	96.51 2.64 0.00	107.65 2.86 0.00	135.93 3.27 0.00	127.15 3.53 0.00	122.90 3.68 0.00	118.09 3.05 0.00	123.68 2.76 0.00	131.93 2.54 0.00	150.84 2.51 0.00	142.12 2.62 0.00	146.81 3.03 0.00	136.07 2.81 0.00	140.41 3.07 0.00	130.30 2.97 0.00	110.17 2.86 0.00	108.04 3.29 0.00
BETHLEHEM___STEEL 23779	94.86 -7.21 0.00	105.74 -8.77 0.00	95.29 -9.89 0.00	106.62 -10.66 0.00	110.81 -10.93 0.00	108.10 -11.08 0.00	107.69 -13.27 0.00	71.26 -10.22 0.00	82.41 -11.47 0.00	92.76 -12.04 0.00	117.30 -15.36 0.00	109.24 -14.38 0.00	105.40 -13.83 0.00	102.26 -12.77 0.00	107.31 -13.61 0.00	115.70 -13.69 0.00	133.41 -14.92 0.00	125.52 -13.98 0.00	128.54 -15.24 0.00	119.91 -13.34 0.00	123.83 -13.51 0.00	114.84 -12.49 0.00	97.97 -9.34 0.00	95.55 -9.18 0.00
BETHLHEM_115KV_TB1 79974	105.09 3.02 0.00	118.29 3.78 0.00	108.64 3.46 0.00	121.12 3.84 0.00	125.79 4.04 0.00	123.00 3.83 0.00	124.47 3.50 0.00	83.89 2.41 0.00	96.50 2.62 0.00	107.61 2.82 0.00	135.99 3.33 0.00	127.15 3.53 0.00	122.83 3.61 0.00	118.09 3.05 0.00	123.75 2.83 0.00	132.10 2.70 0.00	151.08 2.75 0.00	142.33 2.84 0.00	146.95 3.17 0.00	136.22 2.97 0.00	140.51 3.17 0.00	130.37 3.04 0.00	110.10 2.79 0.00	107.92 3.18 0.00
BETHPAGE_CC_5 323564	107.53 5.46 0.00	120.21 5.69 0.00	110.41 5.23 0.00	122.45 5.17 0.00	127.58 5.83 0.00	125.00 5.82 0.00	127.11 6.15 0.00	86.65 5.17 0.00	100.14 5.97 -0.29	112.73 5.85 -2.09	139.18 6.53 0.00	131.27 7.09 -0.55	129.07 7.01 -2.84	123.82 6.83 -1.94	130.85 6.81 -3.13	138.37 6.59 -2.38	157.99 8.14 -1.52	149.45 7.56 -2.39	154.21 7.67 -2.75	143.29 7.32 -2.71	146.00 6.78 -1.88	135.37 6.07 -1.96	111.44 4.05 -0.07	110.14 4.28 -1.12
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	95.32 -6.75 0.00	106.24 -8.27 0.00	95.77 -9.41 0.00	107.15 -10.13 0.00	111.38 -10.36 0.00	108.66 -10.51 0.00	108.30 -12.67 0.00	71.69 -9.79 0.00	82.88 -11.00 0.00	93.27 -11.52 0.00	117.96 -14.70 0.00	109.82 -13.80 0.00	106.00 -13.22 0.00	102.95 -12.09 0.00	108.00 -12.92 0.00	116.44 -12.96 0.00	134.28 -14.05 0.00	126.40 -13.09 0.00	129.43 -14.35 0.00	120.67 -12.59 0.00	124.49 -12.85 0.00	115.53 -11.80 0.00	98.56 -8.75 0.00	96.10 -8.65 0.00
BINGHAMTON___COGEN 23790	100.92 -1.15 0.00	113.03 -1.49 0.00	103.46 -1.72 0.00	115.44 -1.85 0.00	119.93 -1.82 0.00	117.35 -1.83 0.00	118.95 -2.02 0.00	80.00 -1.48 0.00	92.32 -1.56 0.00	103.05 -1.74 0.00	130.42 -2.24 0.00	121.90 -1.73 0.00	117.43 -1.80 0.00	113.47 -1.57 0.00	119.05 -1.86 0.00	127.74 -1.66 0.00	146.76 -1.57 0.00	138.02 -1.48 0.00	142.21 -1.57 0.00	131.95 -1.31 0.00	135.69 -1.65 0.00	125.51 -1.82 0.00	105.54 -1.77 0.00	103.13 -1.61 0.00

BIXINCNT_115KV_LOAD 355685	96.57 -5.49 0.00	107.07 -7.45 0.00	96.35 -8.83 0.00	107.97 -9.31 0.00	112.46 -9.29 0.00	109.24 -9.93 0.00	108.73 -12.24 0.00	72.40 -9.08 0.00	83.10 -10.78 0.00	93.12 -11.67 0.00	117.91 -14.75 0.00	109.22 -14.40 0.00	106.26 -12.97 0.00	104.74 -10.30 0.00	109.33 -11.58 0.00	118.04 -11.36 0.00	137.30 -11.03 0.00	129.68 -9.82 0.00	132.55 -11.23 0.00	122.09 -11.16 0.00	123.84 -13.50 0.00	117.25 -10.08 0.00	100.66 -6.66 0.00	98.04 -6.70 0.00
BLACK RIVER___HYD 24047	101.52 -0.55 0.00	113.19 -1.32 0.00	105.01 -0.18 0.00	117.24 -0.04 0.00	120.57 -1.18 0.00	117.29 -1.88 0.00	120.77 -0.19 0.00	80.63 -0.85 0.00	94.16 0.29 0.00	105.87 1.07 0.00	133.31 0.65 0.00	123.45 -0.17 0.00	117.92 -1.30 0.00	113.24 -1.80 0.00	120.67 -0.25 0.00	130.63 1.24 0.00	148.27 -0.06 0.00	141.34 1.85 0.00	147.57 3.78 0.00	137.19 3.94 0.00	141.65 4.31 0.00	131.03 3.70 0.00	110.89 3.58 0.00	107.84 3.10 0.00
BLACKRVR_115KV_TB2 79977	101.52 -0.55 0.00	113.19 -1.33 0.00	105.01 -0.18 0.00	117.24 -0.04 0.00	120.57 -1.18 0.00	117.29 -1.88 0.00	120.77 -0.19 0.00	80.63 -0.85 0.00	94.16 0.29 0.00	105.87 1.08 0.00	133.31 0.65 0.00	123.45 -0.18 0.00	117.91 -1.31 0.00	113.24 -1.80 0.00	120.67 -0.25 0.00	130.62 1.22 0.00	148.24 -0.08 0.00	141.33 1.84 0.00	147.56 3.78 0.00	137.19 3.94 0.00	141.64 4.30 0.00	131.03 3.70 0.00	110.88 3.56 0.00	107.84 3.10 0.00
BLDWN_LI_69_KV_BK4 356085	108.25 6.18 0.00	121.02 6.51 0.00	111.04 5.85 0.00	123.15 5.87 0.00	128.29 6.54 0.00	125.80 6.63 0.00	127.88 6.92 0.00	87.21 5.72 0.00	100.48 6.60 0.00	111.43 6.64 0.00	140.26 7.60 0.00	131.80 8.17 0.00	127.21 7.99 0.00	122.76 7.71 0.00	128.68 7.76 0.00	137.12 7.72 0.00	157.79 9.46 0.00	148.32 8.82 0.00	152.80 9.02 0.00	141.81 8.56 0.00	145.39 8.05 0.00	134.48 7.16 0.00	112.27 4.96 0.00	109.83 5.08 0.00
BLISS_WT_PWR 323608	92.50 -5.52 4.05	100.91 -7.65 5.96	90.74 -9.05 5.39	98.96 -9.55 8.77	104.66 -9.54 7.54	99.07 -10.13 9.98	103.00 -12.64 5.33	67.36 -9.35 4.77	72.56 -11.17 10.14	49.27 -12.10 43.42	79.59 -15.29 37.78	92.60 -15.08 15.94	101.24 -13.48 4.50	100.36 -10.34 4.34	68.12 -11.73 41.07	45.79 -11.43 72.17	50.18 -10.77 87.38	23.39 -9.42 106.68	31.70 -10.86 101.23	2.14 -11.20 119.91	-1.26 -14.17 124.44	25.52 -9.94 91.87	79.44 -6.40 21.46	75.20 -6.53 23.01
BLUESTONE___WT_PWR 323821	107.16 4.00 -1.09	120.21 4.09 -1.61	109.31 2.67 -1.46	123.54 3.90 -2.37	127.25 3.47 -2.03	125.15 3.29 -2.69	124.56 2.16 -1.44	83.46 0.69 -1.29	97.67 1.06 -2.74	117.11 0.61 -11.71	144.75 1.90 -10.19	129.48 1.56 -4.30	121.79 1.35 -1.21	117.49 1.28 -1.17	134.23 2.24 -11.07	152.01 3.16 -19.46	175.54 3.65 -23.56	172.67 4.41 -28.77	176.86 5.32 -27.30	170.91 5.32 -32.33	175.45 4.55 -33.55	155.80 3.69 -24.77	115.27 2.17 -5.79	114.28 3.34 -6.21
BLUE_CIRC_CHEM_DRP 24182	105.50 3.44 0.00	118.73 4.22 0.00	109.09 3.90 0.00	121.65 4.37 0.00	126.35 4.61 0.00	123.60 4.42 0.00	125.21 4.25 0.00	84.33 2.85 0.00	96.94 3.06 0.00	108.03 3.23 0.00	136.68 4.02 0.00	127.58 3.96 0.00	123.21 3.99 0.00	118.59 3.55 0.00	124.28 3.36 0.00	132.98 3.59 0.00	152.50 4.17 0.00	143.47 3.98 0.00	148.04 4.26 0.00	137.13 3.87 0.00	141.39 4.05 0.00	131.15 3.82 0.00	110.60 3.28 0.00	108.26 3.52 0.00
BOC_GAS_DRP 24189	104.44 2.38 0.00	117.51 3.00 0.00	107.95 2.77 0.00	120.31 3.03 0.00	124.95 3.21 0.00	122.29 3.12 0.00	124.00 3.03 0.00	83.54 2.05 0.00	96.15 2.28 0.00	107.19 2.40 0.00	135.66 3.00 0.00	126.64 3.02 0.00	122.27 3.04 0.00	117.75 2.71 0.00	123.54 2.62 0.00	131.99 2.60 0.00	151.24 2.91 0.00	142.28 2.79 0.00	146.81 3.03 0.00	136.02 2.76 0.00	140.20 2.86 0.00	129.99 2.66 0.00	109.54 2.23 0.00	107.14 2.40 0.00
BOONVILLE_115KV_TB1 79983	103.64 1.58 0.00	115.95 1.44 0.00	106.96 1.77 0.00	119.33 2.05 0.00	123.50 1.76 0.00	120.67 1.49 0.00	123.30 2.33 0.00	82.81 1.33 0.00	96.13 2.26 0.00	107.52 2.72 0.00	135.62 2.96 0.00	126.01 2.39 0.00	120.83 1.61 0.00	116.37 1.32 0.00	123.14 2.23 0.00	132.65 3.26 0.00	151.30 2.97 0.00	143.18 3.69 0.00	148.25 4.47 0.00	137.36 4.10 0.00	141.48 4.14 0.00	130.98 3.65 0.00	110.49 3.18 0.00	107.67 2.93 0.00
BORALEX_4TH_BRANCH 23824	107.63 5.57 0.00	121.47 6.96 0.00	111.47 6.28 0.00	124.38 7.10 0.00	129.15 7.41 0.00	126.25 7.08 0.00	128.18 7.21 0.00	86.54 5.06 0.00	99.58 5.70 0.00	110.82 6.02 0.00	140.76 8.10 0.00	130.86 7.24 0.00	126.66 7.44 0.00	122.22 7.18 0.00	128.38 7.46 0.00	137.32 7.92 0.00	157.22 8.89 0.00	147.84 8.35 0.00	152.61 8.83 0.00	141.11 7.85 0.00	145.64 8.30 0.00	135.02 7.69 0.00	113.47 6.16 0.00	110.79 6.05 0.00
BOWLINE___1 23526	104.64 2.57 0.00	117.31 2.79 0.00	107.71 2.52 0.00	119.70 2.42 0.00	124.48 2.74 0.00	121.91 2.73 0.00	124.12 3.15 0.00	84.10 2.62 0.00	96.91 3.04 0.00	107.73 2.93 0.00	136.55 3.89 0.00	127.69 4.06 0.00	123.15 3.92 0.00	118.53 3.49 0.00	124.38 3.46 0.00	133.11 3.72 0.00	152.87 4.54 0.00	143.65 4.15 0.00	148.11 4.32 0.00	137.30 4.04 0.00	141.17 3.83 0.00	130.90 3.57 0.00	109.60 2.29 0.00	106.91 2.17 0.00
BOWLINE___2 23595	104.64 2.57 0.00	117.31 2.79 0.00	107.72 2.54 0.00	119.71 2.43 0.00	124.49 2.75 0.00	121.93 2.76 0.00	124.13 3.17 0.00	84.12 2.64 0.00	96.92 3.04 0.00	107.73 2.93 0.00	136.56 3.90 0.00	127.70 4.07 0.00	123.15 3.92 0.00	118.55 3.51 0.00	124.40 3.48 0.00	133.12 3.73 0.00	152.88 4.55 0.00	143.67 4.18 0.00	148.12 4.33 0.00	137.32 4.06 0.00	141.19 3.85 0.00	130.90 3.57 0.00	109.61 2.30 0.00	106.94 2.20 0.00
BRADY___115KV_TB2 356060	105.12 3.05 0.00	117.99 3.47 0.00	108.76 3.57 0.00	121.10 3.82 0.00	125.42 3.67 0.00	122.42 3.25 0.00	124.26 3.29 0.00	83.73 2.25 0.00	96.48 2.61 0.00	108.08 3.28 0.00	136.79 4.13 0.00	127.17 3.54 0.00	122.40 3.18 0.00	118.34 3.30 0.00	124.54 3.63 0.00	133.12 3.73 0.00	152.08 3.75 0.00	143.17 3.67 0.00	147.56 3.78 0.00	136.87 3.61 0.00	141.13 3.79 0.00	130.97 3.64 0.00	111.11 3.79 0.00	108.35 3.60 0.00
BRANSCOMB___SOLAR 323811	107.89 5.82 0.00	121.43 6.92 0.00	111.44 6.25 0.00	124.28 7.00 0.00	129.06 7.32 0.00	126.47 7.29 0.00	128.60 7.63 0.00	86.88 5.40 0.00	99.99 6.11 0.00	111.29 6.50 0.00	141.10 8.44 0.00	131.39 7.77 0.00	126.96 7.73 0.00	122.51 7.47 0.00	128.78 7.86 0.00	138.13 8.73 0.00	158.51 10.18 0.00	148.93 9.43 0.00	153.55 9.77 0.00	142.07 8.82 0.00	146.21 8.87 0.00	135.55 8.22 0.00	113.81 6.49 0.00	111.10 6.36 0.00
BRDGHMPT_69_KV_BK1 55812	109.62 7.55 0.00	122.66 8.15 0.00	112.56 7.37 0.00	126.18 8.90 0.00	155.14 11.68 -21.72	164.79 11.89 -33.72	204.70 12.14 -71.59	147.57 8.80 -57.29	213.81 9.89 -110.04	205.12 9.81 -90.52	141.93 8.29 -0.97	158.01 10.03 -24.35	254.57 12.58 -122.76	211.45 12.33 -84.08	268.84 12.67 -135.26	246.09 12.26 -104.44	234.14 14.21 -71.60	260.31 13.46 -107.36	280.64 13.01 -123.85	265.84 12.44 -120.14	234.96 12.57 -85.05	225.67 11.19 -87.15	123.24 7.04 -8.89	161.26 7.94 -48.57

BRENTWOD_69_KV_W. BRTWOOD 56703	109.29 7.22 0.00	122.10 7.58 0.00	112.03 6.84 0.00	124.16 6.88 0.00	131.17 7.43 -2.00	129.55 7.27 -3.11	135.11 7.55 -6.59	93.00 6.25 -5.27	111.39 7.36 -10.16	120.42 7.13 -8.49	141.57 8.06 -0.85	134.96 8.61 -2.73	139.01 8.27 -11.51	131.06 8.13 -7.88	141.78 8.18 -12.69	148.44 8.14 -10.91	169.14 9.77 -11.04	161.20 8.66 -13.04	167.81 8.77 -15.25	155.20 8.49 -13.45	156.46 8.32 -10.80	144.69 7.58 -9.77	118.20 5.63 -5.25	114.93 5.64 -4.55
BRISTLHL_115KV_TB1 79998	98.39 -3.67 0.00	110.19 -4.32 0.00	101.00 -4.19 0.00	112.64 -4.64 0.00	116.89 -4.85 0.00	114.44 -4.73 0.00	116.12 -4.85 0.00	78.15 -3.33 0.00	90.17 -3.71 0.00	100.70 -4.09 0.00	127.42 -5.24 0.00	118.72 -4.91 0.00	114.30 -4.93 0.00	110.25 -4.79 0.00	115.90 -5.02 0.00	124.27 -5.12 0.00	142.63 -5.70 0.00	134.25 -5.24 0.00	138.34 -5.45 0.00	128.25 -5.01 0.00	132.06 -5.28 0.00	122.23 -5.10 0.00	103.00 -4.32 0.00	100.46 -4.28 0.00
BROOKHAVEN___DRP 24191	109.22 7.15 0.00	122.01 7.50 0.00	111.91 6.73 0.00	124.35 7.07 0.00	151.84 8.33 -21.77	161.39 8.41 -33.81	201.40 8.67 -71.77	145.77 6.85 -57.43	212.00 7.82 -110.31	203.24 7.79 -90.66	141.48 7.83 -0.99	156.80 8.77 -24.40	251.46 9.29 -122.95	208.25 9.00 -84.21	265.54 9.15 -135.47	242.58 8.56 -104.62	230.06 9.94 -71.79	256.30 9.23 -107.58	277.26 9.36 -124.11	262.54 8.91 -120.37	231.07 8.49 -85.23	222.34 7.70 -87.32	121.62 5.33 -8.98	159.27 5.89 -48.65
BROOKLYN_NAVY_YARD 23515	105.94 3.87 0.00	118.65 4.14 0.00	108.80 3.62 0.00	120.93 3.65 0.00	125.68 3.94 0.00	123.07 3.90 0.00	125.40 4.43 0.00	85.08 3.60 0.00	98.14 4.26 0.00	109.16 4.36 0.00	138.39 5.73 0.00	129.45 5.83 0.00	124.73 5.51 0.00	119.90 4.86 0.00	125.79 4.87 0.00	134.61 5.22 0.00	154.48 6.15 0.00	145.17 5.68 0.00	149.71 5.93 0.00	138.89 5.64 0.00	142.58 5.24 0.00	132.22 4.89 0.00	110.81 3.50 0.00	108.05 3.31 0.00
BROOKLYN___ARMY_DRP 323595	105.84 3.77 0.00	118.51 4.00 0.00	108.78 3.59 0.00	120.79 3.51 0.00	125.58 3.84 0.00	122.95 3.77 0.00	125.29 4.32 0.00	85.08 3.60 0.00	98.07 4.19 0.00	109.06 4.27 0.00	138.38 5.72 0.00	129.36 5.73 0.00	124.60 5.38 0.00	119.72 4.68 0.00	125.71 4.80 0.00	134.53 5.13 0.00	154.35 6.02 0.00	145.01 5.51 0.00	149.56 5.78 0.00	138.75 5.50 0.00	142.50 5.15 0.00	132.18 4.85 0.00	110.72 3.40 0.00	107.98 3.24 0.00
BROOME_2_LFGE 323671	102.47 -1.13 -1.53	115.28 -1.49 -2.26	105.51 -1.72 -2.04	118.76 -1.85 -3.32	122.78 -1.82 -2.86	121.14 -1.82 -3.78	120.97 -2.02 -2.02	81.82 -1.48 -1.81	96.17 -1.56 -3.84	119.50 -1.74 -16.45	144.74 -2.24 -14.31	127.98 -1.69 -6.04	119.14 -1.79 -1.71	115.13 -1.56 -1.64	134.62 -1.86 -15.56	155.09 -1.65 -27.34	179.86 -1.58 -33.11	178.41 -1.51 -40.42	180.57 -1.57 -38.35	177.37 -1.32 -45.43	182.82 -1.67 -47.15	160.31 -1.83 -34.81	113.70 -1.75 -8.13	111.90 -1.57 -8.72
BROOME___LFGE 323600	102.47 -1.13 -1.53	115.28 -1.49 -2.26	105.51 -1.72 -2.04	118.76 -1.85 -3.32	122.78 -1.82 -2.86	121.14 -1.82 -3.78	120.97 -2.02 -2.02	81.82 -1.48 -1.81	96.17 -1.56 -3.84	119.50 -1.74 -16.45	144.74 -2.24 -14.31	127.98 -1.69 -6.04	119.14 -1.79 -1.71	115.13 -1.56 -1.64	134.62 -1.86 -15.56	155.09 -1.65 -27.34	179.86 -1.58 -33.11	178.41 -1.51 -40.42	180.57 -1.57 -38.35	177.37 -1.32 -45.43	182.82 -1.67 -47.15	160.31 -1.83 -34.81	113.70 -1.75 -8.13	111.90 -1.57 -8.72
BROWNFLS_115KV_TB_3_5 80003	102.54 0.47 0.00	114.93 0.42 0.00	106.32 1.13 0.00	118.44 1.16 0.00	122.09 0.34 0.00	118.69 -0.48 0.00	121.24 0.27 0.00	81.32 -0.16 0.00	94.39 0.51 0.00	105.87 1.08 0.00	133.72 1.06 0.00	124.10 0.47 0.00	118.86 -0.37 0.00	114.53 -0.51 0.00	121.37 0.46 0.00	130.37 0.98 0.00	147.34 -0.99 0.00	139.57 0.07 0.00	144.72 0.93 0.00	134.36 1.10 0.00	138.59 1.25 0.00	128.57 1.24 0.00	109.67 2.35 0.00	107.03 2.29 0.00
BROWNSV1_27_KV_LOAD 356125	107.07 5.01 0.00	119.94 5.43 0.00	109.99 4.81 0.00	122.14 4.86 0.00	126.92 5.18 0.00	124.34 5.17 0.00	126.63 5.66 0.00	85.94 4.46 0.00	99.12 5.24 0.00	110.33 5.54 0.00	139.91 7.25 0.00	130.82 7.19 0.00	126.10 6.88 0.00	121.24 6.20 0.00	127.23 6.32 0.00	136.11 6.72 0.00	156.22 7.89 0.00	146.80 7.30 0.00	151.43 7.65 0.00	140.44 7.18 0.00	144.20 6.86 0.00	133.65 6.32 0.00	111.94 4.63 0.00	109.13 4.39 0.00
BURROWS___LYONSDAL 23803	103.00 0.93 0.00	115.15 0.64 0.00	106.44 1.25 0.00	118.78 1.50 0.00	122.70 0.95 0.00	119.74 0.57 0.00	122.65 1.68 0.00	82.22 0.74 0.00	95.67 1.79 0.00	107.09 2.29 0.00	134.87 2.21 0.00	125.22 1.60 0.00	119.82 0.60 0.00	115.30 0.26 0.00	122.35 1.44 0.00	132.06 2.67 0.00	150.27 1.95 0.00	142.51 3.02 0.00	147.82 4.04 0.00	137.08 3.82 0.00	141.24 3.89 0.00	130.77 3.44 0.00	110.47 3.16 0.00	107.62 2.88 0.00
CAITHNESS_CC_1 323624	108.90 6.84 0.00	121.65 7.14 0.00	111.57 6.38 0.00	123.91 6.63 0.00	151.37 7.81 -21.81	160.83 7.79 -33.87	200.97 8.11 -71.89	145.55 6.54 -57.53	211.80 7.44 -110.48	202.90 7.35 -90.76	141.15 7.49 -1.00	156.41 8.36 -24.44	251.04 8.73 -123.08	207.86 8.52 -84.30	265.17 8.64 -135.61	242.22 8.08 -104.75	229.73 9.47 -71.93	256.02 8.78 -107.74	277.02 8.93 -124.30	262.29 8.50 -120.54	230.72 8.00 -85.37	222.06 7.30 -87.43	121.41 5.03 -9.06	158.96 5.52 -48.70
CALPINE BETH_PAGE_GT4 24209	107.35 5.29 0.00	120.01 5.49 0.00	110.19 5.00 0.00	122.19 4.91 0.00	127.31 5.57 0.00	124.84 5.66 0.00	126.93 5.96 0.00	86.50 5.02 0.00	99.71 5.83 0.00	110.53 5.73 0.00	139.07 6.41 0.00	130.60 6.97 0.00	126.09 6.86 0.00	121.72 6.68 0.00	127.55 6.63 0.00	135.86 6.47 0.00	156.31 7.98 0.00	146.90 7.41 0.00	151.36 7.58 0.00	140.47 7.21 0.00	144.03 6.69 0.00	133.28 5.95 0.00	111.25 3.94 0.00	108.90 4.16 0.00
CALPINE_BETH_PAGE_GT_4 323586	107.35 5.28 0.00	120.01 5.49 0.00	110.19 5.00 0.00	122.20 4.92 0.00	127.30 5.56 0.00	124.74 5.57 0.00	126.91 5.94 0.00	86.50 5.02 0.00	99.68 5.80 0.00	110.50 5.70 0.00	139.02 6.36 0.00	130.56 6.94 0.00	126.07 6.84 0.00	121.71 6.67 0.00	127.54 6.62 0.00	135.82 6.42 0.00	156.28 7.95 0.00	146.86 7.37 0.00	151.30 7.52 0.00	140.42 7.17 0.00	143.96 6.62 0.00	133.25 5.92 0.00	111.25 3.94 0.00	108.89 4.15 0.00
CALPINE_BP_GT1 23823	107.35 5.28 0.00	120.01 5.49 0.00	110.19 5.00 0.00	122.20 4.92 0.00	127.30 5.56 0.00	124.74 5.57 0.00	126.91 5.94 0.00	86.50 5.02 0.00	99.68 5.80 0.00	110.50 5.70 0.00	139.02 6.36 0.00	130.56 6.94 0.00	126.07 6.84 0.00	121.71 6.67 0.00	127.54 6.62 0.00	135.82 6.42 0.00	156.28 7.95 0.00	146.86 7.37 0.00	151.30 7.52 0.00	140.42 7.17 0.00	143.96 6.62 0.00	133.25 5.92 0.00	111.25 3.94 0.00	108.89 4.15 0.00
CALSPAN___DRP 24200	94.86 -7.21 0.00	105.74 -8.77 0.00	95.29 -9.89 0.00	106.62 -10.66 0.00	110.81 -10.93 0.00	108.10 -11.08 0.00	107.69 -13.27 0.00	71.26 -10.22 0.00	82.41 -11.47 0.00	92.76 -12.04 0.00	117.30 -15.36 0.00	109.24 -14.38 0.00	105.40 -13.83 0.00	102.26 -12.77 0.00	107.31 -13.61 0.00	115.70 -13.69 0.00	133.41 -14.92 0.00	125.52 -13.98 0.00	128.54 -15.24 0.00	119.91 -13.34 0.00	123.83 -13.51 0.00	114.84 -12.49 0.00	97.97 -9.34 0.00	95.55 -9.18 0.00

CALVERTON___SOLAR 323806	109.50 7.44 0.00	122.32 7.80 0.00	112.16 6.98 0.00	124.77 7.49 0.00	152.41 8.89 -21.78	161.87 8.88 -33.82	201.94 9.18 -71.79	146.14 7.21 -57.45	212.42 8.21 -110.33	203.61 8.14 -90.68	141.69 8.04 -0.98	157.08 9.05 -24.40	252.00 9.79 -122.98	208.74 9.48 -84.23	266.05 9.63 -135.50	243.11 9.08 -104.63	230.54 10.44 -71.77	256.80 9.73 -107.58	277.72 9.83 -124.11	262.95 9.31 -120.38	231.45 8.88 -85.23	222.73 8.08 -87.32	121.87 5.60 -8.95	159.63 6.24 -48.66
CANDIGU_WT_PWR 323617	96.95 -5.92 -0.81	108.06 -7.64 -1.19	97.82 -8.44 -1.07	110.04 -8.99 -1.75	114.76 -8.48 -1.50	112.76 -8.41 -1.99	112.44 -9.59 -1.06	75.51 -6.92 -0.95	88.48 -7.42 -2.02	105.59 -7.85 -8.65	130.04 -10.15 -7.52	118.41 -8.39 -3.18	111.98 -8.15 -0.90	108.49 -7.41 -0.87	120.93 -8.17 -8.18	135.79 -7.98 -14.37	157.23 -8.50 -17.40	152.27 -8.47 -21.25	154.50 -9.44 -20.16	148.66 -8.48 -23.88	153.34 -8.78 -24.78	136.23 -9.40 -18.29	103.88 -7.71 -4.27	102.50 -6.82 -4.58
CARR STREET_E_SYR 24060	99.19 -2.88 0.00	111.11 -3.41 0.00	101.80 -3.39 0.00	113.56 -3.72 0.00	117.92 -3.83 0.00	115.40 -3.77 0.00	117.06 -3.90 0.00	78.79 -2.69 0.00	90.88 -3.00 0.00	101.48 -3.31 0.00	128.42 -4.24 0.00	119.70 -3.93 0.00	115.39 -3.84 0.00	111.42 -3.62 0.00	117.11 -3.80 0.00	125.56 -3.84 0.00	144.19 -4.14 0.00	135.66 -3.83 0.00	139.74 -4.04 0.00	129.57 -3.68 0.00	133.36 -3.98 0.00	123.53 -3.80 0.00	103.94 -3.37 0.00	101.39 -3.36 0.00
CARTHAGE___PAPER 23857	102.51 0.44 0.00	114.43 -0.08 0.00	106.15 0.96 0.00	118.40 1.12 0.00	121.86 0.11 0.00	118.52 -0.65 0.00	121.92 0.95 0.00	81.51 0.03 0.00	95.16 1.28 0.00	106.88 2.09 0.00	134.53 1.87 0.00	124.58 0.96 0.00	118.97 -0.26 0.00	114.34 -0.70 0.00	121.80 0.89 0.00	131.78 2.39 0.00	149.33 1.00 0.00	142.21 2.71 0.00	148.24 4.45 0.00	137.73 4.48 0.00	142.11 4.77 0.00	131.57 4.24 0.00	111.57 4.25 0.00	108.58 3.84 0.00
CASSADAGA_WT_PWR 323784	88.82 -9.29 3.95	96.81 -11.89 5.82	86.61 -13.30 5.27	94.24 -14.47 8.57	100.00 -14.37 7.36	93.64 -15.78 9.75	98.49 -17.26 5.21	65.15 -11.67 4.66	70.96 -13.01 9.91	48.66 -13.73 42.41	78.86 -16.90 36.90	93.71 -14.34 15.57	100.00 -14.82 4.40	97.14 -13.66 4.24	67.89 -12.92 40.11	48.40 -10.51 70.48	51.60 -11.39 85.34	21.82 -13.48 104.20	28.85 -16.07 98.87	4.82 -11.31 117.12	5.09 -10.71 121.53	28.08 -9.53 89.72	78.04 -8.31 20.97	73.86 -8.40 22.48
CE_DUNWOOD___DRP 24194	105.88 3.81 0.00	118.66 4.15 0.00	108.87 3.69 0.00	121.06 3.78 0.00	125.83 4.08 0.00	123.28 4.10 0.00	125.50 4.53 0.00	85.08 3.59 0.00	98.06 4.18 0.00	109.06 4.27 0.00	138.24 5.58 0.00	129.25 5.63 0.00	124.64 5.42 0.00	119.94 4.90 0.00	125.88 4.97 0.00	134.60 5.21 0.00	154.56 6.23 0.00	145.25 5.76 0.00	149.80 6.02 0.00	138.88 5.62 0.00	142.71 5.37 0.00	132.28 4.95 0.00	110.79 3.48 0.00	108.11 3.36 0.00
CE_MILLWOOD___DRP 24193	105.57 3.50 0.00	118.35 3.84 0.00	108.61 3.43 0.00	120.75 3.47 0.00	125.52 3.78 0.00	122.98 3.80 0.00	125.19 4.22 0.00	84.84 3.36 0.00	97.76 3.89 0.00	108.74 3.94 0.00	137.80 5.14 0.00	128.85 5.23 0.00	124.27 5.04 0.00	119.58 4.54 0.00	125.52 4.60 0.00	134.25 4.85 0.00	154.13 5.80 0.00	144.84 5.35 0.00	149.40 5.62 0.00	138.48 5.23 0.00	142.34 5.00 0.00	131.94 4.61 0.00	110.55 3.23 0.00	107.83 3.09 0.00
CE_NYC2_DRP 24202	105.89 3.82 0.00	118.65 4.13 0.00	108.87 3.69 0.00	120.98 3.69 0.00	125.74 3.99 0.00	123.14 3.96 0.00	125.41 4.45 0.00	85.08 3.60 0.00	98.11 4.24 0.00	109.17 4.37 0.00	138.48 5.82 0.00	129.48 5.85 0.00	124.72 5.49 0.00	119.77 4.73 0.00	125.78 4.87 0.00	134.55 5.15 0.00	154.40 6.07 0.00	145.09 5.59 0.00	149.63 5.85 0.00	138.76 5.51 0.00	142.51 5.17 0.00	132.12 4.79 0.00	110.67 3.35 0.00	107.90 3.15 0.00
CE_NYC_DRP 24195	106.14 4.08 0.00	118.91 4.40 0.00	109.09 3.91 0.00	121.11 3.83 0.00	125.89 4.14 0.00	123.32 4.15 0.00	125.58 4.61 0.00	85.22 3.73 0.00	98.26 4.38 0.00	109.32 4.53 0.00	138.66 6.00 0.00	129.64 6.01 0.00	124.98 5.75 0.00	120.13 5.09 0.00	126.07 5.16 0.00	134.87 5.48 0.00	154.75 6.42 0.00	145.41 5.92 0.00	149.99 6.21 0.00	139.11 5.85 0.00	142.87 5.53 0.00	132.44 5.11 0.00	110.93 3.62 0.00	108.19 3.45 0.00
CHAFFEE___LFGE 323603	91.95 -6.46 3.66	101.16 -7.96 5.39	91.25 -9.06 4.88	99.58 -9.76 7.94	104.89 -10.03 6.82	100.13 -10.02 9.03	103.95 -12.20 4.83	67.68 -9.48 4.32	74.12 -10.57 9.18	54.52 -10.98 39.29	84.47 -14.00 34.19	96.08 -13.11 14.43	102.50 -12.65 4.08	99.47 -11.64 3.93	71.29 -12.46 37.16	51.73 -12.36 65.30	55.98 -13.28 79.07	30.49 -12.47 96.53	38.62 -13.56 91.60	12.93 -11.81 108.51	12.73 -12.01 112.60	33.03 -11.17 83.13	79.50 -8.39 19.43	75.57 -8.34 20.83
CHATEAUG_35_KV_LOAD 355732	103.71 1.64 0.00	116.22 1.71 0.00	107.04 1.85 0.00	119.36 2.07 0.00	124.31 2.57 0.00	121.91 2.73 0.00	123.95 2.98 0.00	83.58 2.10 0.00	96.11 2.23 0.00	107.04 2.25 0.00	135.91 3.25 0.00	126.64 3.02 0.00	121.61 2.38 0.00	117.45 2.41 0.00	123.54 2.62 0.00	132.14 2.74 0.00	150.70 2.37 0.00	141.02 1.52 0.00	145.22 1.44 0.00	135.32 2.07 0.00	139.61 2.27 0.00	129.68 2.36 0.00	109.54 2.22 0.00	106.65 1.91 0.00
CHATEAUG_WT_PWR 323614	103.34 1.27 0.00	115.86 1.35 0.00	106.68 1.49 0.00	118.91 1.63 0.00	123.79 2.05 0.00	121.32 2.15 0.00	123.39 2.42 0.00	83.20 1.72 0.00	95.67 1.79 0.00	106.60 1.81 0.00	135.31 2.65 0.00	126.00 2.37 0.00	121.16 1.94 0.00	117.08 2.04 0.00	123.06 2.15 0.00	131.54 2.15 0.00	150.02 1.69 0.00	140.39 0.89 0.00	144.63 0.85 0.00	134.69 1.44 0.00	138.96 1.62 0.00	128.98 1.66 0.00	108.93 1.61 0.00	106.13 1.39 0.00
CHAT_HIGH_FALL_HYD 323578	103.71 1.64 0.00	116.22 1.71 0.00	107.04 1.85 0.00	119.36 2.07 0.00	124.31 2.57 0.00	121.91 2.73 0.00	123.95 2.98 0.00	83.58 2.10 0.00	96.11 2.23 0.00	107.04 2.25 0.00	135.91 3.25 0.00	126.64 3.02 0.00	121.61 2.38 0.00	117.45 2.41 0.00	123.54 2.62 0.00	132.14 2.74 0.00	150.70 2.37 0.00	141.02 1.52 0.00	145.22 1.44 0.00	135.32 2.07 0.00	139.61 2.27 0.00	129.68 2.36 0.00	109.54 2.22 0.00	106.65 1.91 0.00
CHAUTAUQUA___LFGE 323629	90.01 -8.23 3.82	98.51 -10.38 5.63	88.56 -11.53 5.09	96.43 -12.56 8.28	101.99 -12.64 7.12	96.41 -13.34 9.43	101.01 -14.91 5.04	66.31 -10.66 4.51	72.38 -11.92 9.58	51.10 -12.68 41.01	81.25 -15.73 35.68	95.04 -13.53 15.06	101.34 -13.63 4.25	98.47 -12.47 4.10	69.40 -12.73 38.79	49.73 -11.51 68.16	53.76 -12.04 82.53	25.61 -13.12 100.76	33.05 -15.13 95.61	8.39 -11.61 113.26	8.38 -11.43 117.53	30.07 -10.50 86.77	78.17 -8.87 20.28	74.34 -8.66 21.74
CHERRYST_13_KV_LD 356241	106.44 4.38 0.00	119.23 4.72 0.00	109.38 4.19 0.00	121.43 4.15 0.00	126.22 4.48 0.00	123.63 4.46 0.00	125.91 4.95 0.00	85.45 3.97 0.00	98.53 4.65 0.00	109.63 4.84 0.00	139.06 6.40 0.00	130.01 6.38 0.00	125.35 6.12 0.00	120.48 5.44 0.00	126.47 5.55 0.00	135.26 5.87 0.00	155.21 6.88 0.00	145.83 6.34 0.00	150.43 6.65 0.00	139.50 6.24 0.00	143.26 5.92 0.00	132.81 5.48 0.00	111.23 3.92 0.00	108.45 3.70 0.00

CHESTROR_138KV_BK263 355645	104.86 2.79 0.00	117.62 3.10 0.00	107.96 2.77 0.00	120.09 2.80 0.00	124.84 3.10 0.00	122.27 3.10 0.00	124.44 3.47 0.00	84.22 2.74 0.00	97.05 3.17 0.00	107.94 3.15 0.00	136.83 4.17 0.00	127.91 4.28 0.00	123.36 4.14 0.00	118.78 3.74 0.00	124.67 3.76 0.00	133.32 3.93 0.00	153.19 4.86 0.00	143.97 4.48 0.00	148.43 4.65 0.00	137.60 4.34 0.00	141.48 4.14 0.00	131.13 3.80 0.00	109.94 2.62 0.00	107.25 2.51 0.00
CH_MIDHUDSON___DRP 24192	106.29 4.22 0.00	119.21 4.70 0.00	109.37 4.18 0.00	121.69 4.41 0.00	126.47 4.73 0.00	123.94 4.77 0.00	126.20 5.23 0.00	85.45 3.97 0.00	98.41 4.53 0.00	109.53 4.74 0.00	138.86 6.20 0.00	129.76 6.14 0.00	125.15 5.92 0.00	120.51 5.47 0.00	126.39 5.48 0.00	135.14 5.75 0.00	155.24 6.91 0.00	145.91 6.42 0.00	150.47 6.69 0.00	139.43 6.17 0.00	143.39 6.05 0.00	132.86 5.53 0.00	111.36 4.04 0.00	108.66 3.92 0.00
CH_MISC_IPPS 23765	106.74 4.67 0.00	119.68 5.16 0.00	109.82 4.63 0.00	122.16 4.88 0.00	126.97 5.22 0.00	124.41 5.23 0.00	126.67 5.71 0.00	85.80 4.32 0.00	98.86 4.98 0.00	110.02 5.23 0.00	139.50 6.84 0.00	130.36 6.74 0.00	125.73 6.50 0.00	121.08 6.04 0.00	126.98 6.06 0.00	135.82 6.42 0.00	156.04 7.71 0.00	146.69 7.19 0.00	151.25 7.47 0.00	140.16 6.90 0.00	144.08 6.74 0.00	133.50 6.17 0.00	111.85 4.53 0.00	109.07 4.33 0.00
CH_RES_BVR_FALLS 23983	102.07 0.00 0.00	114.50 -0.01 0.00	105.19 0.00 0.00	117.28 0.00 0.00	121.74 0.00 0.00	119.17 0.00 0.00	120.97 0.00 0.00	81.48 0.00 0.00	93.88 0.00 0.00	104.79 0.00 0.00	132.66 0.00 0.00	123.60 -0.02 0.00	119.18 -0.05 0.00	115.04 0.00 0.00	120.91 0.00 0.00	129.38 -0.01 0.00	148.22 -0.11 0.00	139.39 -0.10 0.00	143.68 -0.10 0.00	133.23 -0.02 0.00	137.34 0.00 0.00	127.33 0.00 0.00	107.32 0.00 0.00	104.74 0.00 0.00
CH_RES_NIAGARA 23895	92.03 -10.03 0.00	102.79 -11.72 0.00	92.59 -12.59 0.00	103.55 -13.73 0.00	107.39 -14.35 0.00	104.86 -14.31 0.00	104.29 -16.67 0.00	68.68 -12.80 0.00	79.29 -14.59 0.00	89.33 -15.46 0.00	112.95 -19.71 0.00	104.66 -18.97 0.00	101.08 -18.14 0.00	97.98 -17.06 0.00	102.89 -18.02 0.00	110.86 -18.53 0.00	127.57 -20.76 0.00	120.20 -19.29 0.00	123.14 -20.64 0.00	114.89 -18.36 0.00	118.79 -18.55 0.00	110.40 -16.93 0.00	94.72 -12.60 0.00	92.37 -12.37 0.00
CH_RES_SYRACUSE 23985	100.10 -1.97 0.00	112.03 -2.48 0.00	102.64 -2.55 0.00	114.51 -2.77 0.00	118.96 -2.78 0.00	116.45 -2.73 0.00	118.10 -2.87 0.00	79.50 -1.98 0.00	91.76 -2.12 0.00	102.45 -2.34 0.00	129.60 -3.06 0.00	120.74 -2.88 0.00	116.42 -2.81 0.00	112.43 -2.61 0.00	118.18 -2.74 0.00	126.72 -2.68 0.00	145.54 -2.79 0.00	136.91 -2.58 0.00	141.06 -2.72 0.00	130.78 -2.48 0.00	134.63 -2.71 0.00	124.66 -2.67 0.00	104.81 -2.50 0.00	102.24 -2.50 0.00
CLINTON_WT_PWR 323605	103.34 1.27 0.00	115.86 1.35 0.00	106.68 1.49 0.00	118.91 1.63 0.00	123.79 2.05 0.00	121.32 2.15 0.00	123.39 2.42 0.00	83.20 1.72 0.00	95.67 1.79 0.00	106.60 1.81 0.00	135.31 2.65 0.00	126.00 2.37 0.00	121.16 1.94 0.00	117.08 2.04 0.00	123.06 2.15 0.00	131.54 2.15 0.00	150.02 1.69 0.00	140.39 0.89 0.00	144.63 0.85 0.00	134.69 1.44 0.00	138.96 1.62 0.00	128.98 1.66 0.00	108.93 1.61 0.00	106.13 1.39 0.00
CLINTON___LFGE 323618	105.42 3.35 0.00	118.15 3.63 0.00	108.75 3.56 0.00	121.11 3.83 0.00	126.56 4.81 0.00	124.07 4.90 0.00	126.29 5.32 0.00	85.08 3.60 0.00	97.63 3.75 0.00	108.77 3.98 0.00	138.29 5.63 0.00	129.16 5.54 0.00	124.18 4.96 0.00	119.68 4.64 0.00	125.61 4.70 0.00	134.85 5.46 0.00	154.09 5.76 0.00	144.32 4.82 0.00	148.63 4.85 0.00	138.20 4.95 0.00	142.29 4.95 0.00	131.99 4.66 0.00	111.00 3.69 0.00	107.52 2.78 0.00
COBBLENY_34_KV_TB1 80064	95.59 -6.48 0.00	106.54 -7.97 0.00	96.07 -9.11 0.00	107.49 -9.79 0.00	111.72 -10.03 0.00	109.03 -10.14 0.00	108.69 -12.27 0.00	71.98 -9.51 0.00	83.25 -10.63 0.00	93.69 -11.10 0.00	118.49 -14.17 0.00	110.41 -13.22 0.00	106.49 -12.74 0.00	103.31 -11.73 0.00	108.39 -12.53 0.00	116.87 -12.53 0.00	134.76 -13.57 0.00	126.85 -12.64 0.00	129.95 -13.83 0.00	121.20 -12.06 0.00	125.07 -12.27 0.00	115.94 -11.38 0.00	98.80 -8.52 0.00	96.32 -8.42 0.00
COFFEEN___115KV_TB3 355620	101.88 -0.19 0.00	113.56 -0.95 0.00	105.27 0.08 0.00	117.50 0.21 0.00	120.95 -0.80 0.00	117.71 -1.47 0.00	121.16 0.19 0.00	80.95 -0.53 0.00	94.50 0.62 0.00	106.23 1.44 0.00	133.80 1.14 0.00	123.92 0.29 0.00	118.43 -0.80 0.00	113.77 -1.27 0.00	121.13 0.21 0.00	131.13 1.73 0.00	148.96 0.63 0.00	141.95 2.46 0.00	148.12 4.34 0.00	137.67 4.42 0.00	142.11 4.76 0.00	131.41 4.08 0.00	111.11 3.79 0.00	108.01 3.27 0.00
COLDSPRG_115KV_BK1 355956	95.45 -6.62 0.00	106.04 -8.47 0.00	95.42 -9.77 0.00	106.80 -10.48 0.00	111.43 -10.31 0.00	107.95 -11.23 0.00	108.31 -12.66 0.00	72.88 -8.60 0.00	84.27 -9.61 0.00	94.56 -10.23 0.00	119.92 -12.74 0.00	112.77 -10.86 0.00	108.40 -10.83 0.00	105.23 -9.81 0.00	110.97 -9.94 0.00	120.67 -8.73 0.00	139.07 -9.26 0.00	129.51 -9.98 0.00	132.06 -11.72 0.00	124.53 -8.73 0.00	128.53 -8.81 0.00	119.19 -8.14 0.00	100.71 -6.61 0.00	98.21 -6.53 0.00
COLONIE_LFGE___ 323577	106.31 4.24 0.00	119.75 5.24 0.00	109.88 4.69 0.00	122.54 5.26 0.00	127.27 5.52 0.00	124.57 5.39 0.00	126.45 5.49 0.00	85.34 3.86 0.00	98.18 4.31 0.00	109.37 4.58 0.00	138.71 6.06 0.00	129.16 5.54 0.00	124.89 5.67 0.00	120.40 5.36 0.00	126.45 5.53 0.00	135.28 5.89 0.00	155.05 6.72 0.00	145.82 6.33 0.00	150.47 6.69 0.00	139.20 5.94 0.00	143.51 6.17 0.00	133.03 5.70 0.00	111.91 4.60 0.00	109.33 4.59 0.00
COOPERNY_115KV_TB1 80082	103.88 1.82 0.00	116.55 2.03 0.00	107.01 1.83 0.00	119.12 1.84 0.00	123.79 2.04 0.00	121.25 2.08 0.00	123.30 2.33 0.00	83.31 1.82 0.00	95.99 2.12 0.00	106.87 2.07 0.00	135.39 2.73 0.00	126.55 2.92 0.00	122.07 2.84 0.00	117.60 2.56 0.00	123.41 2.49 0.00	131.99 2.60 0.00	151.57 3.24 0.00	142.47 2.98 0.00	146.88 3.10 0.00	136.16 2.91 0.00	140.09 2.75 0.00	129.82 2.49 0.00	108.99 1.67 0.00	106.35 1.61 0.00
COPENHAGEN_WT_PWR 323753	100.21 -1.86 0.00	111.72 -2.79 0.00	103.86 -1.33 0.00	116.00 -1.28 0.00	119.18 -2.57 0.00	115.77 -3.41 0.00	119.41 -1.56 0.00	79.54 -1.95 0.00	92.95 -0.93 0.00	104.61 -0.18 0.00	131.65 -1.01 0.00	121.91 -1.72 0.00	116.27 -2.95 0.00	111.55 -3.49 0.00	119.11 -1.81 0.00	129.05 -0.35 0.00	146.23 -2.10 0.00	139.54 0.04 0.00	146.17 2.39 0.00	136.04 2.79 0.00	140.58 3.24 0.00	130.20 2.87 0.00	110.19 2.87 0.00	107.17 2.43 0.00
CORNELL_____ 23752	102.24 0.17 0.00	114.36 -0.15 0.00	104.72 -0.46 0.00	116.86 -0.42 0.00	121.50 -0.24 0.00	118.89 -0.28 0.00	120.60 -0.37 0.00	81.24 -0.24 0.00	93.93 0.06 0.00	104.94 0.15 0.00	132.72 0.06 0.00	123.60 -0.02 0.00	118.67 -0.56 0.00	114.99 -0.05 0.00	121.07 0.16 0.00	130.07 0.68 0.00	149.64 1.31 0.00	140.91 1.42 0.00	145.08 1.30 0.00	134.58 1.33 0.00	138.28 0.94 0.00	127.86 0.53 0.00	107.32 0.00 0.00	104.68 -0.06 0.00

CORONA__69_KV_TB1 355595	107.95 5.89 0.00	120.74 6.23 0.00	110.81 5.63 0.00	122.96 5.67 0.00	128.07 6.32 0.00	125.54 6.37 0.00	127.71 6.74 0.00	86.94 5.46 0.00	100.18 6.31 0.00	111.11 6.31 0.00	140.07 7.41 0.00	131.56 7.93 0.00	126.93 7.70 0.00	122.51 7.47 0.00	128.42 7.50 0.00	136.88 7.48 0.00	157.36 9.03 0.00	147.91 8.42 0.00	152.43 8.65 0.00	141.47 8.22 0.00	145.12 7.77 0.00	134.29 6.96 0.00	112.13 4.81 0.00	109.65 4.91 0.00
CORTLAND__115KV_TB3 80093	101.65 -0.42 0.00	113.82 -0.70 0.00	104.34 -0.85 0.00	116.44 -0.84 0.00	120.93 -0.81 0.00	118.32 -0.85 0.00	120.08 -0.88 0.00	80.86 -0.62 0.00	93.40 -0.48 0.00	104.23 -0.56 0.00	131.87 -0.79 0.00	122.94 -0.68 0.00	118.32 -0.90 0.00	114.42 -0.63 0.00	120.32 -0.60 0.00	129.07 -0.32 0.00	148.32 0.00 0.00	139.51 0.01 0.00	143.74 -0.04 0.00	133.26 0.00 0.00	137.03 -0.31 0.00	126.80 -0.53 0.00	106.54 -0.77 0.00	103.98 -0.76 0.00
COXSACKIE__GT 23611	110.54 8.47 0.00	124.27 9.76 0.00	114.11 8.93 0.00	127.37 10.09 0.00	132.35 10.60 0.00	129.69 10.51 0.00	131.34 10.37 0.00	88.85 7.37 0.00	102.24 8.36 0.00	113.82 9.02 0.00	143.70 11.04 0.00	134.35 10.73 0.00	129.38 10.15 0.00	124.10 9.06 0.00	130.46 9.54 0.00	139.46 10.07 0.00	161.38 13.05 0.00	152.22 12.73 0.00	156.79 13.01 0.00	144.75 11.50 0.00	148.99 11.65 0.00	138.03 10.70 0.00	116.18 8.86 0.00	113.45 8.71 0.00
CPV_VALLEY__CC1 323721	104.03 1.96 0.00	116.67 2.15 0.00	107.12 1.94 0.00	119.14 1.87 0.00	123.88 2.14 0.00	121.31 2.13 0.00	123.43 2.46 0.00	83.50 2.02 0.00	96.22 2.34 0.00	107.05 2.26 0.00	135.66 3.01 0.00	126.89 3.27 0.00	122.37 3.15 0.00	117.86 2.82 0.00	123.61 2.70 0.00	132.24 2.85 0.00	151.84 3.51 0.00	142.73 3.23 0.00	147.15 3.37 0.00	136.40 3.14 0.00	140.26 2.92 0.00	130.02 2.69 0.00	109.07 1.76 0.00	106.44 1.71 0.00
CPV_VALLEY__CC2 323722	104.03 1.96 0.00	116.67 2.15 0.00	107.12 1.94 0.00	119.14 1.87 0.00	123.88 2.14 0.00	121.31 2.13 0.00	123.43 2.46 0.00	83.50 2.02 0.00	96.22 2.34 0.00	107.05 2.26 0.00	135.66 3.01 0.00	126.89 3.27 0.00	122.37 3.15 0.00	117.86 2.82 0.00	123.61 2.70 0.00	132.24 2.85 0.00	151.84 3.51 0.00	142.73 3.23 0.00	147.15 3.37 0.00	136.40 3.14 0.00	140.26 2.92 0.00	130.02 2.69 0.00	109.07 1.76 0.00	106.44 1.71 0.00
CRESCENT__HYD 24018	106.31 4.24 0.00	119.75 5.24 0.00	109.88 4.69 0.00	122.54 5.26 0.00	127.27 5.52 0.00	124.57 5.39 0.00	126.45 5.49 0.00	85.34 3.86 0.00	98.18 4.31 0.00	109.37 4.58 0.00	138.71 6.06 0.00	129.16 5.54 0.00	124.89 5.67 0.00	120.40 5.36 0.00	126.45 5.53 0.00	135.28 5.89 0.00	155.05 6.72 0.00	145.82 6.33 0.00	150.47 6.69 0.00	139.20 5.94 0.00	143.51 6.17 0.00	133.03 5.70 0.00	111.91 4.60 0.00	109.33 4.59 0.00
CRICKET__VALLEY_CC1 323756	105.31 3.24 0.00	118.17 3.65 0.00	108.42 3.24 0.00	120.70 3.42 0.00	125.39 3.64 0.00	122.86 3.69 0.00	125.14 4.17 0.00	84.78 3.30 0.00	97.49 3.61 0.00	108.43 3.63 0.00	137.54 4.89 0.00	128.53 4.91 0.00	123.92 4.69 0.00	119.41 4.37 0.00	125.20 4.28 0.00	133.90 4.50 0.00	153.68 5.35 0.00	144.34 4.85 0.00	148.97 5.19 0.00	138.07 4.82 0.00	141.95 4.61 0.00	131.67 4.34 0.00	110.45 3.14 0.00	107.84 3.10 0.00
CRICKET__VALLEY_CC2 323757	105.31 3.24 0.00	118.17 3.65 0.00	108.42 3.24 0.00	120.70 3.42 0.00	125.39 3.64 0.00	122.86 3.69 0.00	125.14 4.17 0.00	84.78 3.30 0.00	97.49 3.61 0.00	108.43 3.63 0.00	137.54 4.89 0.00	128.53 4.91 0.00	123.92 4.69 0.00	119.41 4.37 0.00	125.20 4.28 0.00	133.90 4.50 0.00	153.68 5.35 0.00	144.34 4.85 0.00	148.97 5.19 0.00	138.07 4.82 0.00	141.95 4.61 0.00	131.67 4.34 0.00	110.45 3.14 0.00	107.84 3.10 0.00
CRICKET__VALLEY_CC3 323758	105.31 3.24 0.00	118.17 3.65 0.00	108.42 3.24 0.00	120.70 3.42 0.00	125.39 3.64 0.00	122.86 3.69 0.00	125.14 4.17 0.00	84.78 3.30 0.00	97.49 3.61 0.00	108.43 3.63 0.00	137.54 4.89 0.00	128.53 4.91 0.00	123.92 4.69 0.00	119.41 4.37 0.00	125.20 4.28 0.00	133.90 4.50 0.00	153.68 5.35 0.00	144.34 4.85 0.00	148.97 5.19 0.00	138.07 4.82 0.00	141.95 4.61 0.00	131.67 4.34 0.00	110.45 3.14 0.00	107.84 3.10 0.00
CRUCIBLE__METL_DRP 24180	100.09 -1.97 0.00	112.03 -2.48 0.00	102.64 -2.55 0.00	114.50 -2.78 0.00	118.96 -2.79 0.00	116.42 -2.76 0.00	118.09 -2.88 0.00	79.50 -1.98 0.00	91.76 -2.12 0.00	102.44 -2.35 0.00	129.57 -3.09 0.00	120.73 -2.89 0.00	116.40 -2.82 0.00	112.43 -2.61 0.00	118.17 -2.75 0.00	126.71 -2.69 0.00	145.53 -2.79 0.00	136.91 -2.58 0.00	141.03 -2.75 0.00	130.78 -2.47 0.00	134.59 -2.75 0.00	124.66 -2.67 0.00	104.80 -2.52 0.00	102.22 -2.52 0.00
DAHOWA__HYDRO 323763	108.51 6.45 0.00	122.17 7.65 0.00	112.08 6.90 0.00	125.01 7.73 0.00	129.81 8.07 0.00	127.25 8.07 0.00	129.45 8.48 0.00	87.51 6.03 0.00	100.76 6.89 0.00	112.14 7.34 0.00	142.17 9.51 0.00	132.36 8.74 0.00	127.91 8.68 0.00	123.44 8.40 0.00	129.76 8.84 0.00	139.27 9.88 0.00	159.88 11.55 0.00	150.15 10.66 0.00	154.81 11.03 0.00	143.21 9.96 0.00	147.29 9.95 0.00	136.57 9.24 0.00	114.62 7.31 0.00	111.83 7.09 0.00
DANC__LFGE 323619	99.70 -2.36 0.00	111.36 -3.16 0.00	102.93 -2.25 0.00	114.92 -2.37 0.00	118.50 -3.25 0.00	115.47 -3.70 0.00	118.26 -2.70 0.00	79.06 -2.42 0.00	91.95 -1.92 0.00	103.20 -1.59 0.00	130.22 -2.44 0.00	120.94 -2.68 0.00	115.79 -3.44 0.00	111.34 -3.70 0.00	118.22 -2.70 0.00	127.47 -1.92 0.00	145.07 -3.26 0.00	137.62 -1.88 0.00	143.25 -0.53 0.00	133.15 -0.10 0.00	137.50 0.16 0.00	127.36 0.03 0.00	107.68 0.36 0.00	104.82 0.08 0.00
DANSKAMMER__1 23586	106.74 4.67 0.00	119.68 5.16 0.00	109.82 4.63 0.00	122.16 4.88 0.00	126.97 5.22 0.00	124.41 5.23 0.00	126.67 5.71 0.00	85.80 4.32 0.00	98.86 4.98 0.00	110.02 5.23 0.00	139.50 6.84 0.00	130.36 6.74 0.00	125.73 6.50 0.00	121.08 6.04 0.00	126.98 6.06 0.00	135.82 6.42 0.00	156.04 7.71 0.00	146.69 7.19 0.00	151.25 7.47 0.00	140.16 6.90 0.00	144.08 6.74 0.00	133.50 6.17 0.00	111.85 4.53 0.00	109.07 4.33 0.00
DANSKAMMER__2 23589	106.74 4.67 0.00	119.68 5.16 0.00	109.82 4.63 0.00	122.16 4.88 0.00	126.97 5.22 0.00	124.41 5.23 0.00	126.67 5.71 0.00	85.80 4.32 0.00	98.86 4.98 0.00	110.02 5.23 0.00	139.50 6.84 0.00	130.36 6.74 0.00	125.73 6.50 0.00	121.08 6.04 0.00	126.98 6.06 0.00	135.82 6.42 0.00	156.04 7.71 0.00	146.69 7.19 0.00	151.25 7.47 0.00	140.16 6.90 0.00	144.08 6.74 0.00	133.50 6.17 0.00	111.85 4.53 0.00	109.07 4.33 0.00
DANSKAMMER__3 23590	106.74 4.67 0.00	119.68 5.16 0.00	109.82 4.63 0.00	122.16 4.88 0.00	126.97 5.22 0.00	124.41 5.23 0.00	126.67 5.71 0.00	85.80 4.32 0.00	98.86 4.98 0.00	110.02 5.23 0.00	139.50 6.84 0.00	130.36 6.74 0.00	125.73 6.50 0.00	121.08 6.04 0.00	126.98 6.06 0.00	135.82 6.42 0.00	156.04 7.71 0.00	146.69 7.19 0.00	151.25 7.47 0.00	140.16 6.90 0.00	144.08 6.74 0.00	133.50 6.17 0.00	111.85 4.53 0.00	109.07 4.33 0.00

DANSKAMMER___4 23591	106.74 4.67 0.00	119.68 5.16 0.00	109.82 4.63 0.00	122.16 4.88 0.00	126.97 5.22 0.00	124.41 5.23 0.00	126.67 5.71 0.00	85.80 4.32 0.00	98.86 4.98 0.00	110.02 5.23 0.00	139.50 6.84 0.00	130.36 6.74 0.00	125.73 6.50 0.00	121.08 6.04 0.00	126.98 6.06 0.00	135.82 6.42 0.00	156.04 7.71 0.00	146.69 7.19 0.00	151.25 7.47 0.00	140.16 6.90 0.00	144.08 6.74 0.00	133.50 6.17 0.00	111.85 4.53 0.00	109.07 4.33 0.00
DANSKAMMER___DIESEL 23592	106.73 4.67 0.00	119.67 5.15 0.00	109.82 4.63 0.00	122.15 4.87 0.00	126.97 5.23 0.00	124.42 5.24 0.00	126.69 5.73 0.00	85.80 4.32 0.00	98.87 4.99 0.00	110.04 5.24 0.00	139.51 6.85 0.00	130.37 6.74 0.00	125.73 6.51 0.00	121.08 6.04 0.00	126.99 6.07 0.00	135.83 6.44 0.00	156.07 7.74 0.00	146.72 7.22 0.00	151.30 7.52 0.00	140.20 6.94 0.00	144.09 6.75 0.00	133.50 6.17 0.00	111.86 4.54 0.00	109.09 4.34 0.00
DARBY___SOLAR 323810	107.90 5.84 0.00	121.48 6.97 0.00	111.48 6.29 0.00	124.32 7.04 0.00	129.09 7.35 0.00	126.52 7.34 0.00	128.67 7.70 0.00	86.93 5.44 0.00	100.04 6.17 0.00	111.36 6.57 0.00	141.22 8.56 0.00	131.49 7.87 0.00	127.06 7.83 0.00	122.61 7.57 0.00	128.90 7.98 0.00	138.26 8.86 0.00	158.67 10.34 0.00	149.06 9.57 0.00	153.68 9.90 0.00	142.20 8.94 0.00	146.28 8.94 0.00	135.61 8.28 0.00	113.89 6.57 0.00	111.16 6.42 0.00
DASHVILLE___HYD 23610	105.81 3.74 0.00	118.67 4.15 0.00	108.95 3.77 0.00	121.21 3.93 0.00	126.00 4.26 0.00	123.47 4.29 0.00	125.72 4.75 0.00	85.09 3.61 0.00	98.05 4.17 0.00	109.13 4.33 0.00	138.39 5.72 0.00	129.34 5.72 0.00	124.67 5.45 0.00	120.05 5.02 0.00	125.91 4.99 0.00	134.54 5.14 0.00	154.71 6.38 0.00	145.35 5.86 0.00	149.89 6.10 0.00	138.90 5.64 0.00	142.77 5.44 0.00	132.28 4.95 0.00	110.84 3.52 0.00	108.15 3.41 0.00
DELAWARE___LFGE 323621	104.02 1.95 0.00	116.76 2.24 0.00	107.23 2.05 0.00	119.52 2.24 0.00	124.18 2.44 0.00	121.67 2.49 0.00	123.48 2.52 0.00	83.09 1.61 0.00	95.82 1.95 0.00	106.80 2.00 0.00	135.28 2.62 0.00	126.23 2.61 0.00	121.68 2.45 0.00	117.32 2.28 0.00	123.28 2.37 0.00	132.03 2.63 0.00	151.68 3.35 0.00	142.69 3.20 0.00	147.11 3.33 0.00	136.33 3.08 0.00	140.22 2.88 0.00	129.83 2.50 0.00	109.02 1.71 0.00	106.45 1.70 0.00
DERFIELD_115KV_TB7 355931	102.41 0.34 0.00	114.97 0.46 0.00	105.61 0.42 0.00	117.75 0.47 0.00	122.24 0.50 0.00	119.66 0.48 0.00	121.51 0.55 0.00	81.82 0.34 0.00	94.30 0.42 0.00	105.21 0.42 0.00	133.13 0.47 0.00	124.09 0.46 0.00	119.69 0.46 0.00	115.39 0.35 0.00	121.35 0.44 0.00	129.91 0.52 0.00	148.92 0.59 0.00	140.04 0.55 0.00	144.38 0.60 0.00	133.79 0.53 0.00	137.90 0.56 0.00	127.87 0.54 0.00	107.74 0.43 0.00	105.16 0.42 0.00
DOGLEVILLE___HYD 23807	109.17 7.10 0.00	122.98 8.46 0.00	112.79 7.60 0.00	125.78 8.49 0.00	130.72 8.97 0.00	127.91 8.73 0.00	129.79 8.82 0.00	87.73 6.25 0.00	100.98 7.10 0.00	111.64 6.85 0.00	141.13 8.47 0.00	132.11 8.48 0.00	127.42 8.19 0.00	123.06 8.02 0.00	129.97 9.05 0.00	138.99 9.60 0.00	159.83 11.50 0.00	150.61 11.11 0.00	155.18 11.39 0.00	143.67 10.42 0.00	147.91 10.56 0.00	136.74 9.41 0.00	114.56 7.24 0.00	111.77 7.03 0.00
DUNKIRK___115KV_TB_200 55889	93.92 -8.15 0.00	104.29 -10.23 0.00	93.84 -11.35 0.00	104.90 -12.38 0.00	109.29 -12.45 0.00	106.04 -13.14 0.00	106.27 -14.69 0.00	70.93 -10.55 0.00	82.08 -11.80 0.00	92.21 -12.59 0.00	116.95 -15.71 0.00	110.05 -13.57 0.00	105.65 -13.58 0.00	102.60 -12.44 0.00	108.10 -12.82 0.00	117.66 -11.73 0.00	136.00 -12.32 0.00	126.36 -13.13 0.00	128.56 -15.22 0.00	121.51 -11.75 0.00	125.76 -11.58 0.00	116.62 -10.71 0.00	98.29 -9.02 0.00	95.98 -8.77 0.00
DUNKIRK___1 23563	93.92 -8.15 0.00	104.29 -10.23 0.00	93.84 -11.35 0.00	104.90 -12.38 0.00	109.29 -12.45 0.00	106.04 -13.14 0.00	106.27 -14.69 0.00	70.93 -10.55 0.00	82.08 -11.80 0.00	92.21 -12.59 0.00	116.95 -15.71 0.00	110.05 -13.57 0.00	105.65 -13.58 0.00	102.60 -12.44 0.00	108.10 -12.82 0.00	117.66 -11.73 0.00	136.00 -12.32 0.00	126.36 -13.13 0.00	128.56 -15.22 0.00	121.51 -11.75 0.00	125.76 -11.58 0.00	116.62 -10.71 0.00	98.29 -9.02 0.00	95.98 -8.77 0.00
DUNKIRK___2 23564	93.92 -8.15 0.00	104.29 -10.23 0.00	93.84 -11.35 0.00	104.90 -12.38 0.00	109.29 -12.45 0.00	106.04 -13.14 0.00	106.27 -14.69 0.00	70.93 -10.55 0.00	82.08 -11.80 0.00	92.21 -12.59 0.00	116.95 -15.71 0.00	110.05 -13.57 0.00	105.65 -13.58 0.00	102.60 -12.44 0.00	108.10 -12.82 0.00	117.66 -11.73 0.00	136.00 -12.32 0.00	126.36 -13.13 0.00	128.56 -15.22 0.00	121.51 -11.75 0.00	125.76 -11.58 0.00	116.62 -10.71 0.00	98.29 -9.02 0.00	95.98 -8.77 0.00
DUNKIRK___3 23565	94.04 -8.03 0.00	104.56 -9.96 0.00	94.18 -11.01 0.00	105.33 -11.95 0.00	109.69 -12.06 0.00	106.56 -12.62 0.00	106.67 -14.30 0.00	71.09 -10.39 0.00	82.19 -11.68 0.00	92.30 -12.49 0.00	117.02 -15.64 0.00	109.91 -13.72 0.00	105.66 -13.57 0.00	102.57 -12.46 0.00	107.90 -13.01 0.00	117.13 -12.26 0.00	135.31 -13.01 0.00	126.11 -13.39 0.00	128.58 -15.20 0.00	121.09 -12.17 0.00	125.18 -12.16 0.00	116.07 -11.26 0.00	98.07 -9.25 0.00	95.73 -9.01 0.00
DUNKIRK___4 23566	94.04 -8.03 0.00	104.56 -9.96 0.00	94.18 -11.01 0.00	105.33 -11.95 0.00	109.69 -12.06 0.00	106.56 -12.62 0.00	106.67 -14.30 0.00	71.09 -10.39 0.00	82.19 -11.68 0.00	92.30 -12.49 0.00	117.02 -15.64 0.00	109.91 -13.72 0.00	105.66 -13.57 0.00	102.57 -12.46 0.00	107.90 -13.01 0.00	117.13 -12.26 0.00	135.31 -13.01 0.00	126.11 -13.39 0.00	128.58 -15.20 0.00	121.09 -12.17 0.00	125.18 -12.16 0.00	116.07 -11.26 0.00	98.07 -9.25 0.00	95.73 -9.01 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	106.14 4.07 0.00	118.92 4.41 0.00	109.09 3.91 0.00	121.30 4.01 0.00	126.08 4.34 0.00	123.51 4.34 0.00	125.76 4.79 0.00	85.27 3.79 0.00	98.29 4.42 0.00	109.33 4.54 0.00	138.58 5.92 0.00	129.58 5.96 0.00	124.95 5.72 0.00	120.24 5.20 0.00	126.15 5.24 0.00	134.93 5.53 0.00	154.88 6.55 0.00	145.55 6.06 0.00	150.15 6.36 0.00	139.20 5.94 0.00	143.02 5.68 0.00	132.55 5.22 0.00	111.02 3.71 0.00	108.32 3.58 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	105.67 3.61 0.00	118.48 3.97 0.00	108.76 3.57 0.00	120.97 3.68 0.00	125.75 4.00 0.00	123.19 4.01 0.00	125.41 4.44 0.00	84.91 3.43 0.00	97.84 3.97 0.00	108.87 4.07 0.00	138.02 5.36 0.00	129.01 5.38 0.00	124.42 5.19 0.00	119.81 4.77 0.00	125.67 4.76 0.00	134.43 5.03 0.00	154.48 6.15 0.00	145.22 5.72 0.00	149.71 5.93 0.00	138.74 5.49 0.00	142.67 5.33 0.00	132.19 4.86 0.00	110.78 3.47 0.00	108.04 3.30 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	105.67 3.61 0.00	118.39 3.88 0.00	108.66 3.48 0.00	120.83 3.55 0.00	125.60 3.86 0.00	123.02 3.85 0.00	125.35 4.38 0.00	85.05 3.57 0.00	98.12 4.24 0.00	109.10 4.30 0.00	138.33 5.66 0.00	129.27 5.65 0.00	124.65 5.42 0.00	119.69 4.65 0.00	125.76 4.85 0.00	134.54 5.14 0.00	154.44 6.11 0.00	145.15 5.65 0.00	149.62 5.83 0.00	138.77 5.52 0.00	142.50 5.15 0.00	132.15 4.82 0.00	110.77 3.45 0.00	107.89 3.14 0.00

E179THST_13_KV_LOAD 356214	106.17 4.10 0.00	118.93 4.42 0.00	109.11 3.93 0.00	121.34 4.05 0.00	126.10 4.36 0.00	123.52 4.35 0.00	125.90 4.93 0.00	85.40 3.92 0.00	98.54 4.67 0.00	109.59 4.79 0.00	138.97 6.31 0.00	129.91 6.28 0.00	125.25 6.02 0.00	120.29 5.24 0.00	126.38 5.46 0.00	135.19 5.80 0.00	155.21 6.88 0.00	145.87 6.37 0.00	150.40 6.62 0.00	139.49 6.24 0.00	143.20 5.86 0.00	132.81 5.48 0.00	111.30 3.98 0.00	108.38 3.64 0.00
EAST HAMPTON___GT 23717	108.17 6.10 0.00	121.22 6.71 0.00	111.38 6.20 0.00	125.80 8.52 0.00	155.93 12.47 -21.71	165.71 12.81 -33.72	205.52 12.97 -71.58	147.78 9.02 -57.28	213.88 9.98 -110.03	205.01 9.71 -90.51	140.27 6.63 -0.97	157.00 9.02 -24.35	255.49 13.51 -122.74	212.40 13.29 -84.07	269.86 13.70 -135.25	247.18 13.36 -104.43	235.47 15.55 -71.59	260.94 14.10 -107.35	280.62 12.99 -123.84	266.08 12.69 -120.13	235.52 13.13 -85.04	226.09 11.61 -87.14	123.14 6.94 -8.89	161.29 7.98 -48.57
EAST RIVER___6 23660	106.06 3.99 0.00	118.80 4.28 0.00	108.98 3.80 0.00	120.97 3.69 0.00	125.74 4.00 0.00	123.15 3.98 0.00	125.44 4.47 0.00	85.15 3.67 0.00	98.22 4.34 0.00	109.27 4.48 0.00	138.59 5.93 0.00	129.62 6.00 0.00	124.94 5.71 0.00	120.12 5.08 0.00	126.07 5.15 0.00	134.85 5.45 0.00	154.75 6.42 0.00	145.40 5.90 0.00	149.94 6.16 0.00	139.07 5.82 0.00	142.79 5.45 0.00	132.34 5.01 0.00	110.85 3.54 0.00	108.09 3.35 0.00
EAST RIVER___7 23524	106.06 3.99 0.00	118.80 4.28 0.00	108.98 3.80 0.00	120.97 3.69 0.00	125.74 4.00 0.00	123.15 3.98 0.00	125.44 4.47 0.00	85.15 3.67 0.00	98.22 4.34 0.00	109.27 4.48 0.00	138.59 5.93 0.00	129.62 6.00 0.00	124.94 5.71 0.00	120.12 5.08 0.00	126.07 5.15 0.00	134.85 5.45 0.00	154.75 6.42 0.00	145.40 5.90 0.00	149.94 6.16 0.00	139.07 5.82 0.00	142.79 5.45 0.00	132.34 5.01 0.00	110.85 3.54 0.00	108.09 3.35 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	105.88 3.81 0.00	118.66 4.15 0.00	108.87 3.69 0.00	121.06 3.78 0.00	125.83 4.08 0.00	123.28 4.10 0.00	125.50 4.53 0.00	85.08 3.59 0.00	98.06 4.18 0.00	109.06 4.27 0.00	138.24 5.58 0.00	129.25 5.63 0.00	124.64 5.42 0.00	119.94 4.90 0.00	125.88 4.97 0.00	134.60 5.21 0.00	154.56 6.23 0.00	145.25 5.76 0.00	149.80 6.02 0.00	138.88 5.62 0.00	142.71 5.37 0.00	132.28 4.95 0.00	110.79 3.48 0.00	108.11 3.36 0.00
EAST_HAMPTON___DIESEL 23722	107.86 5.79 0.00	120.91 6.40 0.00	111.11 5.92 0.00	125.59 8.31 0.00	155.88 12.42 -21.71	165.69 12.79 -33.72	205.49 12.94 -71.58	147.70 8.93 -57.28	213.76 9.86 -110.03	204.86 9.55 -90.51	139.90 6.27 -0.97	156.76 8.78 -24.35	255.47 13.49 -122.75	212.39 13.27 -84.07	269.85 13.69 -135.25	247.17 13.35 -104.43	235.46 15.54 -71.59	260.91 14.08 -107.35	280.66 13.04 -123.84	266.10 12.71 -120.13	235.51 13.12 -85.04	226.06 11.58 -87.14	123.01 6.81 -8.89	161.21 7.90 -48.57
EAST_POINT___SOLAR 323840	106.16 4.09 0.00	118.88 4.36 0.00	109.26 4.07 0.00	121.83 4.55 0.00	126.57 4.82 0.00	124.21 5.03 0.00	126.37 5.40 0.00	85.15 3.67 0.00	97.74 3.87 0.00	106.77 1.98 0.00	136.25 3.59 0.00	127.12 3.50 0.00	122.22 2.99 0.00	117.37 2.33 0.00	125.80 4.88 0.00	135.43 6.04 0.00	156.52 8.19 0.00	147.34 7.84 0.00	151.46 7.68 0.00	140.31 7.06 0.00	144.08 6.74 0.00	133.41 6.08 0.00	112.01 4.69 0.00	108.91 4.17 0.00
EAST_PULASKI___ESR 323781	99.11 -2.96 0.00	110.86 -3.65 0.00	101.93 -3.25 0.00	113.72 -3.57 0.00	117.72 -4.03 0.00	115.06 -4.12 0.00	117.10 -3.87 0.00	78.53 -2.95 0.00	90.99 -2.88 0.00	101.79 -3.00 0.00	128.72 -3.94 0.00	119.86 -3.76 0.00	115.17 -4.06 0.00	111.00 -4.04 0.00	117.17 -3.75 0.00	125.83 -3.57 0.00	143.88 -4.45 0.00	135.79 -3.71 0.00	140.44 -3.34 0.00	130.33 -2.93 0.00	134.44 -2.90 0.00	124.48 -2.85 0.00	105.07 -2.25 0.00	102.39 -2.35 0.00
EAST_RIVER___1 323558	106.15 4.08 0.00	118.91 4.40 0.00	109.09 3.91 0.00	121.11 3.83 0.00	125.88 4.13 0.00	123.29 4.12 0.00	125.56 4.59 0.00	85.21 3.73 0.00	98.25 4.37 0.00	109.32 4.53 0.00	138.64 5.98 0.00	129.63 6.01 0.00	124.96 5.73 0.00	120.13 5.09 0.00	126.06 5.14 0.00	134.85 5.46 0.00	154.75 6.42 0.00	145.40 5.90 0.00	149.97 6.18 0.00	139.08 5.83 0.00	142.85 5.51 0.00	132.41 5.08 0.00	110.90 3.58 0.00	108.15 3.41 0.00
EAST_RIVER___2 323559	106.06 3.99 0.00	118.80 4.28 0.00	108.98 3.80 0.00	120.97 3.69 0.00	125.74 4.00 0.00	123.15 3.98 0.00	125.44 4.47 0.00	85.15 3.67 0.00	98.22 4.34 0.00	109.27 4.48 0.00	138.59 5.93 0.00	129.62 6.00 0.00	124.94 5.71 0.00	120.12 5.08 0.00	126.07 5.15 0.00	134.85 5.45 0.00	154.75 6.42 0.00	145.40 5.90 0.00	149.94 6.16 0.00	139.07 5.82 0.00	142.79 5.45 0.00	132.34 5.01 0.00	110.85 3.54 0.00	108.09 3.35 0.00
EAST___DELAWARE_HYD 23607	104.28 2.21 0.00	116.78 2.27 0.00	107.19 2.01 0.00	119.25 1.97 0.00	124.02 2.27 0.00	121.60 2.43 0.00	123.85 2.88 0.00	83.86 2.37 0.00	96.72 2.84 0.00	107.69 2.90 0.00	136.46 3.80 0.00	127.64 4.01 0.00	123.03 3.80 0.00	118.47 3.43 0.00	124.16 3.24 0.00	132.58 3.19 0.00	152.71 4.39 0.00	143.60 4.11 0.00	148.02 4.23 0.00	137.13 3.88 0.00	140.92 3.57 0.00	130.49 3.16 0.00	109.28 1.96 0.00	106.49 1.75 0.00
EIGHT_POINT___WT_PWR 323820	96.99 -5.08 0.00	107.22 -7.29 0.00	96.65 -8.53 0.00	107.34 -9.94 0.00	112.40 -9.35 0.00	110.36 -8.81 0.00	110.67 -10.30 0.00	74.04 -7.45 0.00	86.03 -7.85 0.00	97.60 -7.20 0.00	122.88 -9.78 0.00	117.07 -6.55 0.00	112.76 -6.47 0.00	109.31 -5.73 0.00	114.59 -6.33 0.00	123.58 -5.81 0.00	142.53 -5.79 0.00	132.93 -6.57 0.00	135.20 -8.58 0.00	125.42 -7.83 0.00	129.94 -7.40 0.00	118.92 -8.41 0.00	100.37 -6.94 0.00	99.21 -5.53 0.00
ELBRIDGE_115KV_TB2 80188	99.58 -2.48 0.00	111.35 -3.16 0.00	102.00 -3.19 0.00	113.76 -3.52 0.00	118.31 -3.44 0.00	115.82 -3.35 0.00	117.33 -3.64 0.00	78.95 -2.53 0.00	91.20 -2.68 0.00	101.85 -2.95 0.00	128.84 -3.83 0.00	120.04 -3.59 0.00	115.74 -3.49 0.00	111.84 -3.21 0.00	117.47 -3.45 0.00	125.99 -3.41 0.00	144.69 -3.63 0.00	136.16 -3.34 0.00	140.23 -3.55 0.00	130.02 -3.23 0.00	133.84 -3.50 0.00	123.91 -3.42 0.00	104.16 -3.16 0.00	101.62 -3.12 0.00
ELEC_TRO_TEK 24086	107.26 5.19 0.00	120.05 5.53 0.00	110.15 4.96 0.00	122.19 4.91 0.00	127.29 5.55 0.00	124.77 5.59 0.00	126.92 5.95 0.00	86.43 4.95 0.00	99.59 5.71 0.00	110.48 5.68 0.00	139.28 6.62 0.00	130.75 7.13 0.00	126.19 6.96 0.00	121.76 6.72 0.00	127.62 6.70 0.00	136.01 6.62 0.00	156.39 8.06 0.00	146.90 7.41 0.00	151.38 7.59 0.00	140.52 7.26 0.00	144.10 6.76 0.00	133.42 6.09 0.00	111.43 4.12 0.00	109.00 4.25 0.00
ELLENBURG_WT_PWR 323604	103.34 1.27 0.00	115.86 1.35 0.00	106.68 1.49 0.00	118.91 1.63 0.00	123.79 2.05 0.00	121.32 2.15 0.00	123.39 2.42 0.00	83.20 1.72 0.00	95.67 1.79 0.00	106.60 1.81 0.00	135.31 2.65 0.00	126.00 2.37 0.00	121.16 1.94 0.00	117.08 2.04 0.00	123.06 2.15 0.00	131.54 2.15 0.00	150.02 1.69 0.00	140.39 0.89 0.00	144.63 0.85 0.00	134.69 1.44 0.00	138.96 1.62 0.00	128.98 1.66 0.00	108.93 1.61 0.00	106.13 1.39 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	94.11 -7.96 0.00	104.97 -9.55 0.00	94.61 -10.57 0.00	105.81 -11.47 0.00	109.93 -11.82 0.00	107.25 -11.92 0.00	106.86 -14.11 0.00	70.63 -10.85 0.00	81.65 -12.23 0.00	91.92 -12.87 0.00	116.25 -16.41 0.00	108.15 -15.47 0.00	104.36 -14.86 0.00	101.25 -13.79 0.00	106.31 -14.61 0.00	114.63 -14.77 0.00	132.09 -16.24 0.00	124.26 -15.23 0.00	127.26 -16.52 0.00	118.73 -14.52 0.00	122.68 -14.66 0.00	113.82 -13.51 0.00	97.19 -10.12 0.00	94.80 -9.94 0.00
EMPIRE_CC_1 323656	105.50 3.43 0.00	119.21 4.70 0.00	109.44 4.25 0.00	122.06 4.78 0.00	126.75 5.01 0.00	123.99 4.82 0.00	125.78 4.81 0.00	84.85 3.37 0.00	97.59 3.71 0.00	108.77 3.98 0.00	137.90 5.24 0.00	128.47 4.84 0.00	124.21 4.98 0.00	119.69 4.65 0.00	125.62 4.70 0.00	134.24 4.85 0.00	153.78 5.45 0.00	144.65 5.15 0.00	149.28 5.50 0.00	138.15 4.89 0.00	142.49 5.15 0.00	132.14 4.82 0.00	111.21 3.89 0.00	108.76 4.02 0.00
EMPIRE_CC_2 323658	105.50 3.43 0.00	119.21 4.70 0.00	109.44 4.25 0.00	122.06 4.78 0.00	126.75 5.01 0.00	123.99 4.82 0.00	125.78 4.81 0.00	84.85 3.37 0.00	97.59 3.71 0.00	108.77 3.98 0.00	137.90 5.24 0.00	128.47 4.84 0.00	124.21 4.98 0.00	119.69 4.65 0.00	125.62 4.70 0.00	134.24 4.85 0.00	153.78 5.45 0.00	144.65 5.15 0.00	149.28 5.50 0.00	138.15 4.89 0.00	142.49 5.15 0.00	132.14 4.82 0.00	111.21 3.89 0.00	108.76 4.02 0.00
ENORWICH_115KV_TB1 80156	107.11 5.04 0.00	120.34 5.82 0.00	110.28 5.09 0.00	123.31 6.03 0.00	127.38 5.64 0.00	124.55 5.37 0.00	125.88 4.91 0.00	84.21 2.72 0.00	97.46 3.58 0.00	109.20 4.41 0.00	138.47 5.81 0.00	128.88 5.25 0.00	123.60 4.37 0.00	119.94 4.90 0.00	127.33 6.42 0.00	137.27 7.88 0.00	158.15 9.82 0.00	149.77 10.27 0.00	154.60 10.82 0.00	143.31 10.05 0.00	146.38 9.04 0.00	135.25 7.92 0.00	112.84 5.52 0.00	110.31 5.57 0.00
ERIE_ST__34_KV_TB1-2 80199	95.98 -6.08 0.00	106.97 -7.54 0.00	96.55 -8.64 0.00	108.01 -9.27 0.00	112.27 -9.47 0.00	109.56 -9.62 0.00	109.25 -11.72 0.00	72.42 -9.07 0.00	83.69 -10.19 0.00	94.20 -10.59 0.00	119.11 -13.55 0.00	111.05 -12.58 0.00	107.09 -12.13 0.00	103.91 -11.13 0.00	109.02 -11.90 0.00	117.51 -11.89 0.00	135.42 -12.91 0.00	127.47 -12.03 0.00	130.66 -13.12 0.00	121.81 -11.45 0.00	125.70 -11.64 0.00	116.49 -10.84 0.00	99.30 -8.01 0.00	96.82 -7.92 0.00
ERIE_WT_PWR 323693	91.56 -7.21 3.29	100.90 -8.77 4.84	90.91 -9.89 4.38	99.47 -10.69 7.13	104.68 -10.93 6.13	100.11 -10.95 8.11	103.40 -13.23 4.33	67.40 -10.20 3.88	74.17 -11.47 8.24	57.56 -11.95 35.28	86.73 -15.23 30.70	96.40 -14.26 12.96	101.77 -13.80 3.66	98.71 -12.80 3.53	73.99 -13.55 33.37	57.22 -13.53 58.65	62.70 -14.62 71.01	39.01 -13.79 86.69	46.51 -15.01 82.26	22.64 -13.17 97.45	22.96 -13.25 101.12	40.35 -12.33 74.65	80.59 -9.28 17.44	76.88 -9.15 18.70
ESPRGFLD_115KV_TB1 80157	102.72 0.65 0.00	114.93 0.42 0.00	105.68 0.50 0.00	117.82 0.54 0.00	122.35 0.61 0.00	119.97 0.80 0.00	121.97 1.00 0.00	81.99 0.51 0.00	94.61 0.73 0.00	105.50 0.71 0.00	133.73 1.07 0.00	124.51 0.88 0.00	119.85 0.63 0.00	115.56 0.52 0.00	122.13 1.21 0.00	131.05 1.66 0.00	150.77 2.44 0.00	142.03 2.54 0.00	146.07 2.28 0.00	135.51 2.26 0.00	139.13 1.79 0.00	128.78 1.45 0.00	108.06 0.74 0.00	105.21 0.47 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	102.11 0.05 0.00	114.28 -0.24 0.00	104.66 -0.53 0.00	116.78 -0.51 0.00	121.38 -0.36 0.00	118.78 -0.39 0.00	120.48 -0.49 0.00	81.11 -0.38 0.00	93.80 -0.07 0.00	104.74 -0.05 0.00	132.52 -0.14 0.00	123.43 -0.19 0.00	118.56 -0.67 0.00	114.85 -0.19 0.00	120.91 -0.01 0.00	129.85 0.45 0.00	149.34 1.01 0.00	140.62 1.13 0.00	144.80 1.01 0.00	134.31 1.06 0.00	138.00 0.66 0.00	127.65 0.32 0.00	107.13 -0.18 0.00	104.52 -0.22 0.00
ETNA____115KV_TB2 80207	102.11 0.05 0.00	114.28 -0.24 0.00	104.66 -0.53 0.00	116.78 -0.51 0.00	121.38 -0.36 0.00	118.78 -0.39 0.00	120.48 -0.49 0.00	81.11 -0.38 0.00	93.80 -0.07 0.00	104.74 -0.05 0.00	132.52 -0.14 0.00	123.43 -0.19 0.00	118.56 -0.67 0.00	114.85 -0.19 0.00	120.91 -0.01 0.00	129.85 0.45 0.00	149.34 1.01 0.00	140.62 1.13 0.00	144.80 1.01 0.00	134.31 1.06 0.00	138.00 0.66 0.00	127.65 0.32 0.00	107.13 -0.18 0.00	104.52 -0.22 0.00
EUCLID__115KV_TB2 356179	99.02 -3.04 0.00	110.90 -3.62 0.00	101.62 -3.56 0.00	113.36 -3.92 0.00	117.70 -4.05 0.00	115.20 -3.98 0.00	116.82 -4.14 0.00	78.60 -2.88 0.00	90.66 -3.21 0.00	101.22 -3.57 0.00	128.11 -4.56 0.00	119.38 -4.24 0.00	115.10 -4.12 0.00	111.14 -3.90 0.00	116.83 -4.09 0.00	125.20 -4.20 0.00	143.74 -4.59 0.00	135.25 -4.24 0.00	139.32 -4.46 0.00	129.18 -4.07 0.00	133.02 -4.32 0.00	123.22 -4.11 0.00	103.78 -3.53 0.00	101.25 -3.49 0.00
E_CANADA_CAP_HY 24051	103.27 0.92 -0.29	115.72 0.79 -0.42	106.46 0.89 -0.38	118.92 1.01 -0.62	123.33 1.05 -0.53	121.16 1.28 -0.70	122.88 1.54 -0.38	82.79 0.97 -0.34	95.65 1.06 -0.72	108.62 0.76 -3.07	136.48 1.15 -2.67	125.62 0.87 -1.13	120.23 0.68 -0.32	115.90 0.55 -0.30	125.51 1.69 -2.90	136.69 2.19 -5.10	157.54 3.04 -6.17	150.07 3.04 -7.53	153.64 2.71 -7.15	144.32 2.60 -8.47	148.33 2.19 -8.79	135.81 1.99 -6.49	110.19 1.36 -1.52	107.38 1.01 -1.63
E_CANADA_MHWK_HY 24050	109.17 7.10 0.00	122.99 8.48 0.00	112.79 7.60 0.00	125.77 8.49 0.00	130.72 8.98 0.00	127.93 8.75 0.00	129.79 8.82 0.00	87.74 6.26 0.00	100.98 7.10 0.00	111.65 6.86 0.00	141.13 8.47 0.00	132.11 8.48 0.00	127.41 8.19 0.00	123.07 8.03 0.00	129.98 9.06 0.00	139.03 9.63 0.00	159.83 11.50 0.00	150.61 11.11 0.00	155.19 11.41 0.00	143.68 10.43 0.00	147.91 10.56 0.00	136.76 9.42 0.00	114.58 7.27 0.00	111.77 7.03 0.00
E_FISHKILL__LBMP 23776	105.50 3.43 0.00	118.32 3.81 0.00	108.61 3.43 0.00	120.80 3.52 0.00	125.57 3.83 0.00	123.00 3.82 0.00	125.20 4.23 0.00	84.78 3.30 0.00	97.64 3.76 0.00	108.64 3.84 0.00	137.71 5.05 0.00	128.74 5.12 0.00	124.12 4.89 0.00	119.51 4.47 0.00	125.39 4.47 0.00	134.07 4.68 0.00	153.90 5.58 0.00	144.59 5.09 0.00	149.16 5.38 0.00	138.27 5.02 0.00	142.15 4.81 0.00	131.78 4.45 0.00	110.49 3.18 0.00	107.84 3.11 0.00
FALCON__SEABRD_CC1 323796	104.89 2.82 0.00	117.57 3.06 0.00	108.24 3.06 0.00	120.56 3.27 0.00	125.82 4.08 0.00	123.34 4.16 0.00	125.59 4.62 0.00	84.66 3.18 0.00	97.14 3.26 0.00	108.22 3.43 0.00	137.55 4.89 0.00	128.32 4.69 0.00	123.44 4.21 0.00	119.10 4.06 0.00	124.99 4.07 0.00	133.98 4.58 0.00	152.98 4.65 0.00	143.20 3.71 0.00	147.47 3.68 0.00	137.07 3.81 0.00	141.09 3.75 0.00	130.75 3.42 0.00	109.71 2.39 0.00	106.35 1.61 0.00
FALCON__SEABRD_CC2 323797	104.89 2.82 0.00	117.57 3.06 0.00	108.24 3.06 0.00	120.56 3.27 0.00	125.82 4.08 0.00	123.34 4.16 0.00	125.59 4.62 0.00	84.66 3.18 0.00	97.14 3.26 0.00	108.22 3.43 0.00	137.55 4.89 0.00	128.32 4.69 0.00	123.44 4.21 0.00	119.10 4.06 0.00	124.99 4.07 0.00	133.98 4.58 0.00	152.98 4.65 0.00	143.20 3.71 0.00	147.47 3.68 0.00	137.07 3.81 0.00	141.09 3.75 0.00	130.75 3.42 0.00	109.71 2.39 0.00	106.35 1.61 0.00

FAR ROCKAWAY___4 23548	108.87 6.80 0.00	121.75 7.23 0.00	111.70 6.51 0.00	123.91 6.63 0.00	129.08 7.33 0.00	126.55 7.37 0.00	128.73 7.76 0.00	87.68 6.19 0.00	101.06 7.18 0.00	112.08 7.28 0.00	141.23 8.57 0.00	132.71 9.08 0.00	127.97 8.74 0.00	123.54 8.49 0.00	129.54 8.62 0.00	138.05 8.66 0.00	158.86 10.53 0.00	149.30 9.80 0.00	153.77 9.99 0.00	142.77 9.51 0.00	146.38 9.03 0.00	135.41 8.08 0.00	113.04 5.73 0.00	110.56 5.82 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	106.21 4.14 0.00	118.97 4.46 0.00	109.15 3.96 0.00	121.22 3.94 0.00	125.98 4.24 0.00	123.40 4.23 0.00	125.67 4.70 0.00	85.29 3.81 0.00	98.34 4.46 0.00	109.39 4.60 0.00	138.73 6.07 0.00	129.74 6.11 0.00	125.04 5.81 0.00	120.21 5.17 0.00	126.15 5.24 0.00	134.95 5.55 0.00	154.87 6.54 0.00	145.51 6.01 0.00	150.10 6.32 0.00	139.22 5.96 0.00	142.98 5.64 0.00	132.54 5.21 0.00	111.01 3.70 0.00	108.26 3.52 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	106.25 4.19 0.00	119.07 4.55 0.00	109.20 4.01 0.00	121.28 3.99 0.00	126.05 4.31 0.00	123.46 4.29 0.00	125.75 4.79 0.00	85.32 3.84 0.00	98.38 4.51 0.00	109.47 4.68 0.00	138.83 6.16 0.00	129.79 6.17 0.00	125.12 5.89 0.00	120.27 5.22 0.00	126.24 5.33 0.00	135.03 5.64 0.00	154.98 6.65 0.00	145.59 6.09 0.00	150.17 6.39 0.00	139.28 6.03 0.00	143.06 5.72 0.00	132.61 5.28 0.00	111.08 3.77 0.00	108.32 3.58 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	106.16 4.09 0.00	118.96 4.45 0.00	109.13 3.94 0.00	121.18 3.90 0.00	125.95 4.20 0.00	123.37 4.20 0.00	125.66 4.69 0.00	85.24 3.76 0.00	98.30 4.43 0.00	109.37 4.58 0.00	138.71 6.04 0.00	129.71 6.08 0.00	125.01 5.78 0.00	120.15 5.11 0.00	126.12 5.21 0.00	134.91 5.51 0.00	154.81 6.48 0.00	145.45 5.95 0.00	150.03 6.24 0.00	139.13 5.87 0.00	142.92 5.58 0.00	132.48 5.15 0.00	110.98 3.66 0.00	108.22 3.48 0.00
FARRAGUT___LBMP 323566	106.11 4.05 0.00	118.88 4.37 0.00	109.06 3.88 0.00	121.10 3.82 0.00	125.87 4.12 0.00	123.28 4.11 0.00	125.55 4.58 0.00	85.18 3.70 0.00	98.24 4.36 0.00	109.28 4.49 0.00	138.58 5.92 0.00	129.58 5.96 0.00	124.91 5.68 0.00	120.09 5.05 0.00	126.03 5.12 0.00	134.80 5.40 0.00	154.71 6.38 0.00	145.34 5.85 0.00	149.92 6.14 0.00	139.05 5.79 0.00	142.81 5.47 0.00	132.38 5.05 0.00	110.91 3.59 0.00	108.15 3.41 0.00
FENNER___WINDPWR 24204	103.45 1.12 -0.27	115.97 1.06 -0.40	106.61 1.06 -0.36	119.30 1.43 -0.59	123.60 1.35 -0.51	121.07 1.22 -0.67	122.68 1.35 -0.36	82.71 0.90 -0.32	95.88 1.32 -0.68	109.11 1.42 -2.90	136.79 1.60 -2.53	126.10 1.41 -1.07	120.59 1.06 -0.30	116.64 1.30 -0.29	125.42 1.75 -2.74	136.52 2.30 -4.83	156.89 2.72 -5.84	149.18 2.56 -7.13	153.32 2.77 -6.77	143.58 2.31 -8.02	147.78 2.12 -8.32	135.22 1.75 -6.14	109.95 1.19 -1.44	107.32 1.04 -1.54
FIBERTEK___ENERGY 23856	100.09 -1.97 0.00	112.03 -2.48 0.00	102.64 -2.55 0.00	114.50 -2.78 0.00	118.96 -2.79 0.00	116.42 -2.76 0.00	118.09 -2.88 0.00	79.50 -1.98 0.00	91.76 -2.12 0.00	102.44 -2.35 0.00	129.57 -3.09 0.00	120.73 -2.89 0.00	116.40 -2.82 0.00	112.43 -2.61 0.00	118.17 -2.75 0.00	126.71 -2.69 0.00	145.53 -2.79 0.00	136.91 -2.58 0.00	141.03 -2.75 0.00	130.78 -2.47 0.00	134.59 -2.75 0.00	124.66 -2.67 0.00	104.80 -2.52 0.00	102.22 -2.52 0.00
FITZPATRICK___ 23598	97.82 -4.25 0.00	109.57 -4.94 0.00	100.47 -4.72 0.00	112.03 -5.25 0.00	116.31 -5.44 0.00	113.88 -5.30 0.00	115.48 -5.49 0.00	77.68 -3.80 0.00	89.58 -4.30 0.00	100.02 -4.77 0.00	126.56 -6.10 0.00	117.94 -5.68 0.00	113.69 -5.53 0.00	109.75 -5.29 0.00	115.36 -5.56 0.00	123.63 -5.77 0.00	141.84 -6.49 0.00	133.47 -6.03 0.00	137.49 -6.29 0.00	127.50 -5.76 0.00	131.30 -6.04 0.00	121.66 -5.67 0.00	102.48 -4.84 0.00	100.02 -4.72 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	107.02 4.95 0.00	119.97 5.46 0.00	110.05 4.87 0.00	122.43 5.15 0.00	127.28 5.53 0.00	124.72 5.54 0.00	126.99 6.03 0.00	86.02 4.54 0.00	99.10 5.22 0.00	110.33 5.53 0.00	139.89 7.23 0.00	130.73 7.10 0.00	126.07 6.85 0.00	121.42 6.38 0.00	127.32 6.41 0.00	136.19 6.79 0.00	156.50 8.17 0.00	147.08 7.58 0.00	151.68 7.90 0.00	140.53 7.27 0.00	144.48 7.14 0.00	133.83 6.50 0.00	112.12 4.80 0.00	109.37 4.62 0.00
FORT ORANGE___ 23900	105.42 3.35 0.00	118.67 4.16 0.00	108.99 3.81 0.00	121.55 4.27 0.00	126.24 4.50 0.00	123.48 4.30 0.00	124.99 4.02 0.00	84.30 2.82 0.00	96.95 3.08 0.00	108.08 3.29 0.00	136.53 3.87 0.00	127.65 4.03 0.00	123.32 4.09 0.00	118.53 3.50 0.00	124.26 3.35 0.00	132.60 3.21 0.00	152.05 3.72 0.00	143.23 3.73 0.00	147.86 4.08 0.00	136.94 3.69 0.00	141.25 3.91 0.00	131.03 3.70 0.00	110.56 3.25 0.00	108.26 3.52 0.00
FORT_DRUM_COGEN 23780	101.56 -0.50 0.00	113.24 -1.28 0.00	105.06 -0.12 0.00	117.25 -0.03 0.00	120.63 -1.11 0.00	117.33 -1.84 0.00	120.80 -0.16 0.00	80.68 -0.80 0.00	94.19 0.31 0.00	105.89 1.10 0.00	133.33 0.67 0.00	123.47 -0.15 0.00	117.94 -1.28 0.00	113.25 -1.79 0.00	120.67 -0.25 0.00	130.65 1.26 0.00	148.24 -0.08 0.00	141.30 1.80 0.00	147.52 3.74 0.00	137.14 3.89 0.00	141.56 4.21 0.00	130.98 3.65 0.00	110.87 3.55 0.00	107.82 3.09 0.00
FOX_HILLS___ESR 323835	105.53 3.46 0.00	118.17 3.66 0.00	108.50 3.32 0.00	120.46 3.18 0.00	125.24 3.49 0.00	122.59 3.42 0.00	124.93 3.96 0.00	84.99 3.51 0.00	97.89 4.01 0.00	108.72 3.93 0.00	116.98 5.27 20.95	106.54 5.28 22.37	124.21 4.99 0.01	119.34 4.31 0.01	125.37 4.45 0.00	134.19 4.80 0.00	154.03 5.70 0.00	144.69 5.20 0.00	149.15 5.37 0.00	138.37 5.12 0.00	142.13 4.79 0.00	131.90 4.56 0.00	110.50 3.19 0.00	107.83 3.09 0.00
FPL_FAR_ROCK_GT1 24212	108.88 6.81 0.00	121.76 7.25 0.00	111.69 6.50 0.00	123.93 6.65 0.00	129.09 7.34 0.00	126.49 7.31 0.00	128.70 7.73 0.00	87.68 6.20 0.00	101.04 7.16 0.00	112.06 7.27 0.00	141.17 8.51 0.00	132.69 9.06 0.00	127.95 8.72 0.00	123.54 8.49 0.00	129.54 8.62 0.00	138.02 8.62 0.00	158.81 10.48 0.00	149.26 9.76 0.00	153.72 9.94 0.00	142.70 9.44 0.00	146.31 8.97 0.00	135.39 8.06 0.00	113.01 5.70 0.00	110.55 5.81 0.00
FPL_FAR_ROCK_GT2 23815	108.88 6.81 0.00	121.76 7.25 0.00	111.69 6.50 0.00	123.93 6.65 0.00	129.09 7.34 0.00	126.49 7.31 0.00	128.70 7.73 0.00	87.68 6.20 0.00	101.04 7.16 0.00	112.06 7.27 0.00	141.17 8.51 0.00	132.69 9.06 0.00	127.95 8.72 0.00	123.54 8.49 0.00	129.54 8.62 0.00	138.02 8.62 0.00	158.81 10.48 0.00	149.26 9.76 0.00	153.72 9.94 0.00	142.70 9.44 0.00	146.31 8.97 0.00	135.39 8.06 0.00	113.01 5.70 0.00	110.55 5.81 0.00
FRANKLIN_FALL_HYD 24054	105.50 3.43 0.00	118.22 3.71 0.00	108.93 3.75 0.00	121.35 4.07 0.00	126.46 4.72 0.00	123.82 4.64 0.00	125.77 4.80 0.00	84.69 3.21 0.00	97.43 3.55 0.00	108.74 3.95 0.00	138.14 5.48 0.00	129.01 5.39 0.00	123.77 4.55 0.00	119.48 4.44 0.00	125.56 4.65 0.00	134.69 5.30 0.00	153.53 5.21 0.00	143.92 4.43 0.00	148.32 4.54 0.00	138.02 4.77 0.00	142.32 4.98 0.00	132.15 4.82 0.00	111.77 4.46 0.00	108.55 3.81 0.00

FREEPORT_EQUS_GT1 23764	108.20 6.13 0.00	120.95 6.44 0.00	110.96 5.77 0.00	123.06 5.78 0.00	128.20 6.46 0.00	125.64 6.46 0.00	127.81 6.84 0.00	87.14 5.66 0.00	100.42 6.54 0.00	111.34 6.55 0.00	140.19 7.53 0.00	131.68 8.06 0.00	127.12 7.89 0.00	122.67 7.63 0.00	128.57 7.65 0.00	136.99 7.60 0.00	157.66 9.33 0.00	148.22 8.72 0.00	152.73 8.95 0.00	141.71 8.45 0.00	145.23 7.89 0.00	134.42 7.09 0.00	112.23 4.92 0.00	109.77 5.03 0.00
FREEPORT___CT2 23818	108.20 6.13 0.00	120.95 6.44 0.00	110.96 5.77 0.00	123.06 5.78 0.00	128.20 6.46 0.00	125.64 6.46 0.00	127.81 6.84 0.00	87.14 5.66 0.00	100.42 6.54 0.00	111.34 6.55 0.00	140.19 7.53 0.00	131.68 8.06 0.00	127.12 7.89 0.00	122.67 7.63 0.00	128.57 7.65 0.00	136.99 7.60 0.00	157.66 9.33 0.00	148.22 8.72 0.00	152.73 8.95 0.00	141.71 8.45 0.00	145.23 7.89 0.00	134.42 7.09 0.00	112.23 4.92 0.00	109.77 5.03 0.00
FRESHKLS_33_KV_LOAD 356253	105.38 3.32 0.00	117.98 3.46 0.00	108.36 3.18 0.00	120.31 3.03 0.00	125.06 3.32 0.00	122.40 3.23 0.00	124.80 3.83 0.00	84.98 3.49 0.00	97.83 3.95 0.00	108.59 3.80 0.00	116.77 5.06 20.95	106.35 5.10 22.37	124.03 4.81 0.01	119.18 4.14 0.01	125.19 4.27 0.00	134.08 4.68 0.00	153.94 5.61 0.00	144.60 5.11 0.00	149.04 5.26 0.00	138.22 4.96 0.00	142.00 4.65 0.00	131.79 4.46 0.00	110.42 3.10 0.00	107.75 3.01 0.00
FULTON COGEN____ 23766	98.39 -3.67 0.00	110.19 -4.32 0.00	101.00 -4.19 0.00	112.64 -4.64 0.00	116.89 -4.85 0.00	114.44 -4.73 0.00	116.12 -4.85 0.00	78.15 -3.33 0.00	90.17 -3.71 0.00	100.70 -4.09 0.00	127.42 -5.24 0.00	118.72 -4.91 0.00	114.30 -4.93 0.00	110.25 -4.79 0.00	115.90 -5.02 0.00	124.27 -5.12 0.00	142.63 -5.70 0.00	134.25 -5.24 0.00	138.34 -5.45 0.00	128.25 -5.01 0.00	132.06 -5.28 0.00	122.23 -5.10 0.00	103.00 -4.32 0.00	100.46 -4.28 0.00
FULTON___LFGE 323630	105.64 3.58 0.00	118.43 3.91 0.00	108.78 3.59 0.00	121.27 3.99 0.00	125.95 4.21 0.00	123.49 4.31 0.00	125.60 4.63 0.00	84.69 3.21 0.00	97.43 3.55 0.00	108.10 3.30 0.00	136.79 4.12 0.00	127.66 4.03 0.00	123.03 3.80 0.00	118.75 3.71 0.00	125.80 4.88 0.00	134.98 5.58 0.00	155.42 7.09 0.00	146.22 6.73 0.00	150.41 6.63 0.00	139.38 6.12 0.00	143.23 5.89 0.00	132.66 5.33 0.00	111.40 4.09 0.00	108.42 3.68 0.00
G.F.CEMENT___DRP 24184	109.35 7.28 0.00	123.10 8.59 0.00	112.99 7.81 0.00	125.99 8.71 0.00	130.86 9.11 0.00	128.36 9.19 0.00	130.82 9.86 0.00	88.51 7.03 0.00	101.96 8.08 0.00	113.43 8.64 0.00	143.86 11.20 0.00	133.83 10.20 0.00	129.34 10.11 0.00	124.94 9.90 0.00	131.36 10.44 0.00	141.11 11.71 0.00	162.04 13.71 0.00	152.09 12.59 0.00	156.74 12.96 0.00	145.04 11.78 0.00	148.96 11.62 0.00	138.13 10.80 0.00	115.81 8.49 0.00	112.96 8.22 0.00
GARDENVILLE___LBMP 24039	94.36 -7.70 0.00	105.20 -9.32 0.00	94.82 -10.36 0.00	106.06 -11.23 0.00	110.24 -11.50 0.00	107.55 -11.62 0.00	107.15 -13.81 0.00	70.91 -10.57 0.00	81.97 -11.91 0.00	92.25 -12.55 0.00	116.70 -15.96 0.00	108.72 -14.91 0.00	104.87 -14.36 0.00	101.76 -13.27 0.00	106.85 -14.06 0.00	115.22 -14.17 0.00	132.83 -15.49 0.00	124.89 -14.61 0.00	127.85 -15.93 0.00	119.34 -13.92 0.00	123.27 -14.07 0.00	114.34 -12.98 0.00	97.52 -9.79 0.00	95.12 -9.62 0.00
GARDNVLA_35_KV_LD 355827	95.19 -6.87 0.00	106.10 -8.41 0.00	95.60 -9.58 0.00	106.94 -10.35 0.00	111.13 -10.62 0.00	108.45 -10.73 0.00	108.11 -12.86 0.00	71.54 -9.94 0.00	82.75 -11.12 0.00	93.17 -11.62 0.00	117.89 -14.78 0.00	109.76 -13.87 0.00	105.88 -13.34 0.00	102.73 -12.31 0.00	107.79 -13.13 0.00	116.23 -13.16 0.00	134.06 -14.27 0.00	126.17 -13.33 0.00	129.19 -14.59 0.00	120.53 -12.72 0.00	124.47 -12.88 0.00	115.40 -11.93 0.00	98.45 -8.86 0.00	95.96 -8.78 0.00
GELCKHM___115KV_LOAD 80723	99.44 -2.63 0.00	111.34 -3.17 0.00	102.02 -3.17 0.00	113.80 -3.48 0.00	118.19 -3.55 0.00	115.68 -3.49 0.00	117.32 -3.65 0.00	78.94 -2.55 0.00	91.07 -2.81 0.00	101.72 -3.08 0.00	128.68 -3.98 0.00	119.88 -3.74 0.00	115.60 -3.63 0.00	111.63 -3.41 0.00	117.33 -3.58 0.00	125.77 -3.62 0.00	144.40 -3.93 0.00	135.88 -3.62 0.00	139.97 -3.82 0.00	129.79 -3.46 0.00	133.63 -3.71 0.00	123.78 -3.55 0.00	104.20 -3.12 0.00	101.62 -3.12 0.00
GENERAL___MILLS 23808	94.86 -7.21 0.00	105.74 -8.77 0.00	95.29 -9.89 0.00	106.62 -10.66 0.00	110.81 -10.93 0.00	108.10 -11.08 0.00	107.69 -13.27 0.00	71.26 -10.22 0.00	82.41 -11.47 0.00	92.76 -12.04 0.00	117.30 -15.36 0.00	109.24 -14.38 0.00	105.40 -13.83 0.00	102.26 -12.77 0.00	107.31 -13.61 0.00	115.70 -13.69 0.00	133.41 -14.92 0.00	125.52 -13.98 0.00	128.54 -15.24 0.00	119.91 -13.34 0.00	123.83 -13.51 0.00	114.84 -12.49 0.00	97.97 -9.34 0.00	95.55 -9.18 0.00
GE_PLASTICS___DRP 24183	104.97 2.91 0.00	118.13 3.62 0.00	108.51 3.33 0.00	120.98 3.69 0.00	125.65 3.91 0.00	122.91 3.74 0.00	124.57 3.60 0.00	83.94 2.45 0.00	96.58 2.70 0.00	107.66 2.87 0.00	136.20 3.54 0.00	127.20 3.58 0.00	122.84 3.62 0.00	118.21 3.17 0.00	123.97 3.06 0.00	132.45 3.06 0.00	151.70 3.38 0.00	142.80 3.30 0.00	147.34 3.56 0.00	136.53 3.27 0.00	140.77 3.43 0.00	130.53 3.20 0.00	110.08 2.76 0.00	107.74 3.01 0.00
GILBOA___1 23756	104.44 2.09 -0.28	117.75 2.83 -0.41	108.40 2.84 -0.37	120.96 3.07 -0.61	125.57 3.31 -0.52	123.10 3.23 -0.69	124.65 3.31 -0.37	83.72 1.91 -0.33	96.71 2.14 -0.70	109.99 2.20 -3.00	138.13 2.86 -2.61	127.59 2.87 -1.10	122.37 2.83 -0.31	117.95 2.61 -0.30	126.25 2.49 -2.84	136.96 2.58 -4.99	157.37 3.00 -6.04	149.68 2.81 -7.37	153.76 2.99 -7.00	144.26 2.72 -8.29	148.61 2.67 -8.60	136.16 2.48 -6.35	110.62 1.82 -1.48	108.24 1.91 -1.59
GILBOA___2 23757	104.44 2.09 -0.28	117.75 2.83 -0.41	108.40 2.84 -0.37	120.96 3.07 -0.61	125.57 3.31 -0.52	123.10 3.23 -0.69	124.65 3.31 -0.37	83.72 1.91 -0.33	96.71 2.14 -0.70	109.99 2.20 -3.00	138.13 2.86 -2.61	127.59 2.87 -1.10	122.37 2.83 -0.31	117.95 2.61 -0.30	126.25 2.49 -2.84	136.96 2.58 -4.99	157.37 3.00 -6.04	149.68 2.81 -7.37	153.76 2.99 -7.00	144.26 2.72 -8.29	148.61 2.67 -8.60	136.16 2.48 -6.35	110.62 1.82 -1.48	108.24 1.91 -1.59
GILBOA___3 23758	104.44 2.09 -0.28	117.75 2.83 -0.41	108.40 2.84 -0.37	120.96 3.07 -0.61	125.57 3.31 -0.52	123.10 3.23 -0.69	124.65 3.31 -0.37	83.72 1.91 -0.33	96.71 2.14 -0.70	109.99 2.20 -3.00	138.13 2.86 -2.61	127.59 2.87 -1.10	122.37 2.83 -0.31	117.95 2.61 -0.30	126.25 2.49 -2.84	136.96 2.58 -4.99	157.37 3.00 -6.04	149.68 2.81 -7.37	153.76 2.99 -7.00	144.26 2.72 -8.29	148.61 2.67 -8.60	136.16 2.48 -6.35	110.62 1.82 -1.48	108.24 1.91 -1.59
GILBOA___4 23759	104.44 2.09 -0.28	117.75 2.83 -0.41	108.40 2.84 -0.37	120.96 3.07 -0.61	125.57 3.31 -0.52	123.10 3.23 -0.69	124.65 3.31 -0.37	83.72 1.91 -0.33	96.71 2.14 -0.70	109.99 2.20 -3.00	138.13 2.86 -2.61	127.59 2.87 -1.10	122.37 2.83 -0.31	117.95 2.61 -0.30	126.25 2.49 -2.84	136.96 2.58 -4.99	157.37 3.00 -6.04	149.68 2.81 -7.37	153.76 2.99 -7.00	144.26 2.72 -8.29	148.61 2.67 -8.60	136.16 2.48 -6.35	110.62 1.82 -1.48	108.24 1.91 -1.59

GILBOA____ 23599	104.16 2.10 0.00	117.34 2.83 0.00	108.03 2.84 0.00	120.35 3.07 0.00	125.05 3.31 0.00	122.41 3.23 0.00	124.28 3.32 0.00	83.39 1.91 0.00	96.03 2.16 0.00	106.99 2.19 0.00	135.53 2.87 0.00	126.51 2.88 0.00	122.07 2.84 0.00	117.65 2.61 0.00	123.42 2.50 0.00	131.97 2.58 0.00	151.35 3.02 0.00	142.33 2.84 0.00	146.78 3.00 0.00	136.01 2.75 0.00	140.04 2.70 0.00	129.82 2.49 0.00	109.14 1.82 0.00	106.65 1.91 0.00
GINNA____ 23603	92.05 -8.73 1.28	102.48 -10.15 1.89	93.29 -10.18 1.71	103.24 -11.27 2.78	107.70 -11.66 2.39	104.75 -11.26 3.16	107.13 -12.14 1.69	71.24 -8.73 1.51	80.82 -9.84 3.21	80.41 -10.64 13.74	107.17 -13.54 11.96	105.71 -12.87 5.05	105.39 -12.41 1.43	102.05 -11.62 1.37	95.71 -12.21 13.00	93.96 -12.59 22.84	106.86 -13.82 27.65	92.92 -12.81 33.76	98.15 -13.60 32.03	82.90 -12.40 37.95	85.14 -12.81 39.38	86.27 -11.99 29.07	90.74 -9.78 6.79	87.67 -9.78 7.28
GLEN PARK____ 23778	101.73 -0.33 0.00	113.42 -1.10 0.00	105.16 -0.03 0.00	117.37 0.09 0.00	120.81 -0.94 0.00	117.56 -1.61 0.00	120.98 0.02 0.00	80.84 -0.64 0.00	94.38 0.51 0.00	106.11 1.31 0.00	133.63 0.97 0.00	123.72 0.09 0.00	118.22 -1.00 0.00	113.59 -1.45 0.00	120.96 0.04 0.00	130.93 1.54 0.00	148.74 0.41 0.00	141.76 2.27 0.00	147.96 4.18 0.00	137.50 4.25 0.00	141.93 4.59 0.00	131.27 3.94 0.00	111.02 3.71 0.00	107.94 3.20 0.00
GLENDALE_27_KV_LOAD 356172	106.38 4.31 0.00	119.17 4.66 0.00	109.30 4.12 0.00	121.44 4.16 0.00	126.22 4.48 0.00	123.61 4.44 0.00	125.90 4.93 0.00	85.42 3.93 0.00	98.50 4.63 0.00	109.65 4.85 0.00	139.08 6.42 0.00	130.03 6.41 0.00	125.29 6.06 0.00	120.34 5.30 0.00	126.37 5.45 0.00	135.14 5.75 0.00	155.14 6.81 0.00	145.78 6.29 0.00	150.34 6.56 0.00	139.44 6.18 0.00	143.19 5.85 0.00	132.74 5.41 0.00	111.20 3.88 0.00	108.42 3.68 0.00
GLENWOOD_IC_1_G5 23712	107.21 5.14 0.00	120.04 5.52 0.00	110.13 4.94 0.00	122.28 5.00 0.00	127.26 5.52 0.00	124.71 5.54 0.00	126.94 5.97 0.00	86.30 4.82 0.00	99.46 5.58 0.00	110.48 5.68 0.00	139.69 7.03 0.00	130.90 7.27 0.00	126.28 7.05 0.00	121.73 6.69 0.00	127.64 6.72 0.00	136.13 6.74 0.00	156.56 8.23 0.00	147.11 7.61 0.00	151.65 7.87 0.00	140.65 7.39 0.00	144.38 7.04 0.00	133.69 6.36 0.00	111.69 4.37 0.00	109.15 4.41 0.00
GLENWOOD_IC_2_G1 23688	106.67 4.60 0.00	119.47 4.96 0.00	109.63 4.44 0.00	121.77 4.49 0.00	126.68 4.93 0.00	124.10 4.92 0.00	126.32 5.35 0.00	85.79 4.31 0.00	98.87 5.00 0.00	109.86 5.07 0.00	139.04 6.38 0.00	130.19 6.57 0.00	125.64 6.41 0.00	121.01 5.97 0.00	126.92 6.01 0.00	135.52 6.12 0.00	155.67 7.34 0.00	146.28 6.79 0.00	150.81 7.03 0.00	139.89 6.64 0.00	143.63 6.29 0.00	133.06 5.73 0.00	111.28 3.96 0.00	108.68 3.93 0.00
GLENWOOD_IC_3_G1 23689	106.67 4.60 0.00	119.47 4.96 0.00	109.63 4.44 0.00	121.77 4.49 0.00	126.68 4.93 0.00	124.10 4.92 0.00	126.32 5.35 0.00	85.79 4.31 0.00	98.87 5.00 0.00	109.86 5.07 0.00	139.04 6.38 0.00	130.19 6.57 0.00	125.64 6.41 0.00	121.01 5.97 0.00	126.92 6.01 0.00	135.52 6.12 0.00	155.67 7.34 0.00	146.28 6.79 0.00	150.81 7.03 0.00	139.89 6.64 0.00	143.63 6.29 0.00	133.06 5.73 0.00	111.28 3.96 0.00	108.68 3.93 0.00
GLENWOOD____4 23550	107.21 5.14 0.00	120.04 5.52 0.00	110.13 4.94 0.00	122.28 5.00 0.00	127.26 5.52 0.00	124.71 5.54 0.00	126.94 5.97 0.00	86.30 4.82 0.00	99.46 5.58 0.00	110.48 5.68 0.00	139.69 7.03 0.00	130.90 7.27 0.00	126.28 7.05 0.00	121.73 6.69 0.00	127.66 6.74 0.00	136.16 6.77 0.00	156.56 8.23 0.00	147.11 7.61 0.00	151.65 7.87 0.00	140.65 7.39 0.00	144.38 7.04 0.00	133.69 6.36 0.00	111.69 4.37 0.00	109.15 4.41 0.00
GLENWOOD____5 23614	107.21 5.14 0.00	120.04 5.52 0.00	110.13 4.94 0.00	122.28 5.00 0.00	127.26 5.52 0.00	124.71 5.54 0.00	126.94 5.97 0.00	86.30 4.82 0.00	99.46 5.58 0.00	110.48 5.68 0.00	139.69 7.03 0.00	130.90 7.27 0.00	126.28 7.05 0.00	121.73 6.69 0.00	127.66 6.74 0.00	136.16 6.77 0.00	156.56 8.23 0.00	147.11 7.61 0.00	151.65 7.87 0.00	140.65 7.39 0.00	144.38 7.04 0.00	133.69 6.36 0.00	111.69 4.37 0.00	109.15 4.41 0.00
GLOBAL GREEN_PORT_GT1 23814	109.27 7.20 0.00	122.33 7.82 0.00	112.28 7.10 0.00	126.29 9.01 0.00	155.75 12.29 -21.71	165.45 12.56 -33.71	205.34 12.81 -71.56	147.88 9.13 -57.27	214.09 10.20 -110.00	205.37 10.08 -90.49	141.63 8.00 -0.97	157.96 9.98 -24.35	255.30 13.35 -122.73	212.19 13.09 -84.06	269.61 13.46 -135.23	246.98 13.17 -104.41	235.17 15.27 -71.58	260.68 13.85 -107.33	280.86 13.26 -123.82	266.16 12.79 -120.12	235.24 12.87 -85.03	225.88 11.42 -87.13	123.55 7.35 -8.88	161.49 8.19 -48.56
GLOBE____DSASP 323697	91.94 -10.13 0.00	102.69 -11.83 0.00	92.51 -12.67 0.00	103.45 -13.84 0.00	107.27 -14.47 0.00	104.75 -14.42 0.00	104.21 -16.76 0.00	68.61 -12.87 0.00	79.21 -14.67 0.00	89.27 -15.52 0.00	112.84 -19.82 0.00	104.55 -19.07 0.00	100.99 -18.23 0.00	97.89 -17.15 0.00	102.77 -18.15 0.00	110.73 -18.66 0.00	127.46 -20.87 0.00	120.09 -19.41 0.00	123.05 -20.73 0.00	114.77 -18.49 0.00	118.68 -18.66 0.00	110.29 -17.04 0.00	94.62 -12.69 0.00	92.29 -12.45 0.00
GOETHSLN____LBMP 323567	105.54 3.48 0.00	118.28 3.77 0.00	108.54 3.35 0.00	120.48 3.20 0.00	125.24 3.49 0.00	122.68 3.50 0.00	124.90 3.94 0.00	84.73 3.25 0.00	97.71 3.83 0.00	108.65 3.86 0.00	116.77 5.06 20.94	106.40 5.15 22.37	124.14 4.92 0.01	119.34 4.31 0.01	125.28 4.36 0.00	134.04 4.65 0.00	153.84 5.51 0.00	144.58 5.08 0.00	149.13 5.35 0.00	138.30 5.04 0.00	142.05 4.71 0.00	131.70 4.38 0.00	110.27 2.96 0.00	107.52 2.78 0.00
GOLAH____69_KV_TB 1_2 80279	97.52 -4.55 0.00	108.94 -5.58 0.00	98.84 -6.34 0.00	110.34 -6.94 0.00	114.62 -7.12 0.00	112.18 -6.99 0.00	112.67 -8.30 0.00	75.11 -6.37 0.00	86.77 -7.10 0.00	97.34 -7.46 0.00	122.93 -9.73 0.00	114.24 -9.39 0.00	110.31 -8.91 0.00	106.83 -8.21 0.00	112.34 -8.57 0.00	120.87 -8.52 0.00	139.27 -9.06 0.00	131.24 -8.26 0.00	134.73 -9.05 0.00	125.18 -8.07 0.00	129.05 -8.29 0.00	119.58 -7.75 0.00	101.51 -5.80 0.00	98.84 -5.91 0.00
GOODYEAR_LAKE_HYD 323669	104.08 2.02 0.00	116.65 2.14 0.00	107.18 1.99 0.00	119.41 2.13 0.00	124.11 2.36 0.00	121.60 2.43 0.00	123.50 2.54 0.00	83.07 1.59 0.00	95.88 2.00 0.00	106.86 2.07 0.00	135.45 2.79 0.00	126.31 2.68 0.00	121.71 2.49 0.00	117.28 2.24 0.00	123.50 2.58 0.00	132.37 2.98 0.00	152.17 3.85 0.00	143.30 3.80 0.00	147.61 3.83 0.00	136.84 3.59 0.00	140.61 3.27 0.00	130.11 2.79 0.00	109.18 1.86 0.00	106.45 1.71 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	101.06 -1.01 0.00	113.19 -1.32 0.00	103.62 -1.56 0.00	115.61 -1.67 0.00	120.13 -1.61 0.00	117.54 -1.63 0.00	119.13 -1.83 0.00	80.13 -1.35 0.00	92.45 -1.42 0.00	103.17 -1.62 0.00	130.58 -2.09 0.00	122.06 -1.56 0.00	117.58 -1.65 0.00	113.63 -1.41 0.00	119.21 -1.71 0.00	127.90 -1.50 0.00	146.94 -1.39 0.00	138.18 -1.31 0.00	142.39 -1.39 0.00	132.12 -1.14 0.00	135.86 -1.48 0.00	125.70 -1.63 0.00	105.71 -1.61 0.00	103.30 -1.44 0.00

GOUDEY___7 23579	101.06 -1.01 0.00	113.19 -1.32 0.00	103.62 -1.56 0.00	115.61 -1.67 0.00	120.13 -1.61 0.00	117.54 -1.63 0.00	119.13 -1.83 0.00	80.13 -1.35 0.00	92.45 -1.42 0.00	103.17 -1.62 0.00	130.58 -2.09 0.00	122.06 -1.56 0.00	117.58 -1.65 0.00	113.63 -1.41 0.00	119.21 -1.71 0.00	127.90 -1.50 0.00	146.94 -1.39 0.00	138.18 -1.31 0.00	142.39 -1.39 0.00	132.12 -1.14 0.00	135.86 -1.48 0.00	125.70 -1.63 0.00	105.71 -1.61 0.00	103.30 -1.44 0.00
GOUDEY___8 23580	101.06 -1.01 0.00	113.19 -1.32 0.00	103.62 -1.56 0.00	115.61 -1.67 0.00	120.13 -1.61 0.00	117.54 -1.63 0.00	119.13 -1.83 0.00	80.13 -1.35 0.00	92.45 -1.42 0.00	103.17 -1.62 0.00	130.58 -2.09 0.00	122.06 -1.56 0.00	117.58 -1.65 0.00	113.63 -1.41 0.00	119.21 -1.71 0.00	127.90 -1.50 0.00	146.94 -1.39 0.00	138.18 -1.31 0.00	142.39 -1.39 0.00	132.12 -1.14 0.00	135.86 -1.48 0.00	125.70 -1.63 0.00	105.71 -1.61 0.00	103.30 -1.44 0.00
GOWANUS_GT1_1 24077	105.80 3.73 0.00	118.48 3.97 0.00	108.73 3.54 0.00	120.78 3.50 0.00	125.58 3.84 0.00	122.95 3.77 0.00	125.29 4.32 0.00	85.08 3.60 0.00	98.07 4.19 0.00	109.06 4.27 0.00	138.38 5.72 0.00	129.36 5.73 0.00	124.60 5.38 0.00	119.72 4.68 0.00	125.71 4.80 0.00	134.53 5.13 0.00	154.35 6.02 0.00	145.01 5.51 0.00	149.56 5.78 0.00	138.75 5.50 0.00	142.50 5.15 0.00	132.18 4.85 0.00	110.72 3.40 0.00	107.98 3.24 0.00
GOWANUS_GT1_2 24078	105.80 3.73 0.00	118.48 3.97 0.00	108.73 3.54 0.00	120.78 3.50 0.00	125.58 3.84 0.00	122.95 3.77 0.00	125.29 4.32 0.00	85.08 3.60 0.00	98.07 4.19 0.00	109.06 4.27 0.00	138.38 5.72 0.00	129.36 5.73 0.00	124.60 5.38 0.00	119.72 4.68 0.00	125.71 4.80 0.00	134.53 5.13 0.00	154.35 6.02 0.00	145.01 5.51 0.00	149.56 5.78 0.00	138.75 5.50 0.00	142.50 5.15 0.00	132.18 4.85 0.00	110.72 3.40 0.00	107.98 3.24 0.00
GOWANUS_GT1_3 24079	105.80 3.73 0.00	118.48 3.97 0.00	108.73 3.54 0.00	120.78 3.50 0.00	125.58 3.84 0.00	122.95 3.77 0.00	125.29 4.32 0.00	85.08 3.60 0.00	98.07 4.19 0.00	109.06 4.27 0.00	138.38 5.72 0.00	129.36 5.73 0.00	124.60 5.38 0.00	119.72 4.68 0.00	125.71 4.80 0.00	134.53 5.13 0.00	154.35 6.02 0.00	145.01 5.51 0.00	149.56 5.78 0.00	138.75 5.50 0.00	142.50 5.15 0.00	132.18 4.85 0.00	110.72 3.40 0.00	107.98 3.24 0.00
GOWANUS_GT1_4 24080	105.80 3.73 0.00	118.48 3.97 0.00	108.73 3.54 0.00	120.78 3.50 0.00	125.58 3.84 0.00	122.95 3.77 0.00	125.29 4.32 0.00	85.08 3.60 0.00	98.07 4.19 0.00	109.06 4.27 0.00	138.38 5.72 0.00	129.36 5.73 0.00	124.60 5.38 0.00	119.72 4.68 0.00	125.71 4.80 0.00	134.53 5.13 0.00	154.35 6.02 0.00	145.01 5.51 0.00	149.56 5.78 0.00	138.75 5.50 0.00	142.50 5.15 0.00	132.18 4.85 0.00	110.72 3.40 0.00	107.98 3.24 0.00
GOWANUS_GT1_5 24084	105.80 3.73 0.00	118.48 3.97 0.00	108.73 3.54 0.00	120.78 3.50 0.00	125.58 3.84 0.00	122.95 3.77 0.00	125.29 4.32 0.00	85.08 3.60 0.00	98.07 4.19 0.00	109.06 4.27 0.00	138.38 5.72 0.00	129.36 5.73 0.00	124.60 5.38 0.00	119.72 4.68 0.00	125.71 4.80 0.00	134.53 5.13 0.00	154.35 6.02 0.00	145.01 5.51 0.00	149.56 5.78 0.00	138.75 5.50 0.00	142.50 5.15 0.00	132.18 4.85 0.00	110.72 3.40 0.00	107.98 3.24 0.00
GOWANUS_GT1_6 24111	105.80 3.73 0.00	118.48 3.97 0.00	108.73 3.54 0.00	120.78 3.50 0.00	125.58 3.84 0.00	122.95 3.77 0.00	125.29 4.32 0.00	85.08 3.60 0.00	98.07 4.19 0.00	109.06 4.27 0.00	138.38 5.72 0.00	129.36 5.73 0.00	124.60 5.38 0.00	119.72 4.68 0.00	125.71 4.80 0.00	134.53 5.13 0.00	154.35 6.02 0.00	145.01 5.51 0.00	149.56 5.78 0.00	138.75 5.50 0.00	142.50 5.15 0.00	132.18 4.85 0.00	110.72 3.40 0.00	107.98 3.24 0.00
GOWANUS_GT1_7 24112	105.80 3.73 0.00	118.48 3.97 0.00	108.73 3.54 0.00	120.78 3.50 0.00	125.58 3.84 0.00	122.95 3.77 0.00	125.29 4.32 0.00	85.08 3.60 0.00	98.07 4.19 0.00	109.06 4.27 0.00	138.38 5.72 0.00	129.36 5.73 0.00	124.60 5.38 0.00	119.72 4.68 0.00	125.71 4.80 0.00	134.53 5.13 0.00	154.35 6.02 0.00	145.01 5.51 0.00	149.56 5.78 0.00	138.75 5.50 0.00	142.50 5.15 0.00	132.18 4.85 0.00	110.72 3.40 0.00	107.98 3.24 0.00
GOWANUS_GT1_8 24113	105.80 3.73 0.00	118.48 3.97 0.00	108.73 3.54 0.00	120.78 3.50 0.00	125.58 3.84 0.00	122.95 3.77 0.00	125.29 4.32 0.00	85.08 3.60 0.00	98.07 4.19 0.00	109.06 4.27 0.00	138.38 5.72 0.00	129.36 5.73 0.00	124.60 5.38 0.00	119.72 4.68 0.00	125.71 4.80 0.00	134.53 5.13 0.00	154.35 6.02 0.00	145.01 5.51 0.00	149.56 5.78 0.00	138.75 5.50 0.00	142.50 5.15 0.00	132.18 4.85 0.00	110.72 3.40 0.00	107.98 3.24 0.00
GOWANUS_GT2_1 24114	105.82 3.75 0.00	118.52 4.01 0.00	108.75 3.57 0.00	120.80 3.52 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
GOWANUS_GT2_2 24115	105.82 3.75 0.00	118.52 4.01 0.00	108.75 3.57 0.00	120.80 3.52 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
GOWANUS_GT2_3 24116	105.82 3.75 0.00	118.52 4.01 0.00	108.75 3.57 0.00	120.80 3.52 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
GOWANUS_GT2_4 24117	105.82 3.75 0.00	118.52 4.01 0.00	108.75 3.57 0.00	120.80 3.52 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
GOWANUS_GT2_5 24118	105.82 3.75 0.00	118.52 4.01 0.00	108.75 3.57 0.00	120.80 3.52 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00

GOWANUS_GT2_6 24119	105.82 3.75 0.00	118.52 4.01 0.00	108.75 3.57 0.00	120.80 3.52 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
GOWANUS_GT2_7 24120	105.82 3.75 0.00	118.52 4.01 0.00	108.75 3.57 0.00	120.80 3.52 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
GOWANUS_GT2_8 24121	105.82 3.75 0.00	118.52 4.01 0.00	108.75 3.57 0.00	120.80 3.52 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
GOWANUS_GT3_1 24122	105.80 3.73 0.00	118.47 3.96 0.00	108.72 3.53 0.00	120.78 3.50 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
GOWANUS_GT3_2 24123	105.80 3.73 0.00	118.47 3.96 0.00	108.72 3.53 0.00	120.78 3.50 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
GOWANUS_GT3_3 24124	105.80 3.73 0.00	118.47 3.96 0.00	108.72 3.53 0.00	120.78 3.50 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
GOWANUS_GT3_4 24125	105.80 3.73 0.00	118.47 3.96 0.00	108.72 3.53 0.00	120.78 3.50 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
GOWANUS_GT3_5 24126	105.80 3.73 0.00	118.47 3.96 0.00	108.72 3.53 0.00	120.78 3.50 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
GOWANUS_GT3_6 24127	105.80 3.73 0.00	118.47 3.96 0.00	108.72 3.53 0.00	120.78 3.50 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
GOWANUS_GT3_7 24128	105.80 3.73 0.00	118.47 3.96 0.00	108.72 3.53 0.00	120.78 3.50 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
GOWANUS_GT3_8 24129	105.80 3.73 0.00	118.47 3.96 0.00	108.72 3.53 0.00	120.78 3.50 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
GOWANUS_GT4_1 24130	105.84 3.77 0.00	118.51 4.00 0.00	108.78 3.59 0.00	120.79 3.51 0.00	125.58 3.84 0.00	122.95 3.77 0.00	125.29 4.32 0.00	85.08 3.60 0.00	98.07 4.19 0.00	109.06 4.27 0.00	138.38 5.72 0.00	129.36 5.73 0.00	124.60 5.38 0.00	119.72 4.68 0.00	125.71 4.80 0.00	134.53 5.13 0.00	154.35 6.02 0.00	145.01 5.51 0.00	149.56 5.78 0.00	138.75 5.50 0.00	142.50 5.15 0.00	132.18 4.85 0.00	110.72 3.40 0.00	107.98 3.24 0.00
GOWANUS_GT4_2 24131	105.84 3.77 0.00	118.51 4.00 0.00	108.78 3.59 0.00	120.79 3.51 0.00	125.58 3.84 0.00	122.95 3.77 0.00	125.29 4.32 0.00	85.08 3.60 0.00	98.07 4.19 0.00	109.06 4.27 0.00	138.38 5.72 0.00	129.36 5.73 0.00	124.60 5.38 0.00	119.72 4.68 0.00	125.71 4.80 0.00	134.53 5.13 0.00	154.35 6.02 0.00	145.01 5.51 0.00	149.56 5.78 0.00	138.75 5.50 0.00	142.50 5.15 0.00	132.18 4.85 0.00	110.72 3.40 0.00	107.98 3.24 0.00
GOWANUS_GT4_3 24132	105.84 3.77 0.00	118.51 4.00 0.00	108.78 3.59 0.00	120.79 3.51 0.00	125.58 3.84 0.00	122.95 3.77 0.00	125.29 4.32 0.00	85.08 3.60 0.00	98.07 4.19 0.00	109.06 4.27 0.00	138.38 5.72 0.00	129.36 5.73 0.00	124.60 5.38 0.00	119.72 4.68 0.00	125.71 4.80 0.00	134.53 5.13 0.00	154.35 6.02 0.00	145.01 5.51 0.00	149.56 5.78 0.00	138.75 5.50 0.00	142.50 5.15 0.00	132.18 4.85 0.00	110.72 3.40 0.00	107.98 3.24 0.00
GOWANUS_GT4_4 24133	105.84 3.77 0.00	118.51 4.00 0.00	108.78 3.59 0.00	120.79 3.51 0.00	125.58 3.84 0.00	122.95 3.77 0.00	125.29 4.32 0.00	85.08 3.60 0.00	98.07 4.19 0.00	109.06 4.27 0.00	138.38 5.72 0.00	129.36 5.73 0.00	124.60 5.38 0.00	119.72 4.68 0.00	125.71 4.80 0.00	134.53 5.13 0.00	154.35 6.02 0.00	145.01 5.51 0.00	149.56 5.78 0.00	138.75 5.50 0.00	142.50 5.15 0.00	132.18 4.85 0.00	110.72 3.40 0.00	107.98 3.24 0.00

GOWANUS_GT4_5 24134	105.84 3.77 0.00	118.51 4.00 0.00	108.78 3.59 0.00	120.79 3.51 0.00	125.58 3.84 0.00	122.95 3.77 0.00	125.29 4.32 0.00	85.08 3.60 0.00	98.07 4.19 0.00	109.06 4.27 0.00	138.38 5.72 0.00	129.36 5.73 0.00	124.60 5.38 0.00	119.72 4.68 0.00	125.71 4.80 0.00	134.53 5.13 0.00	154.35 6.02 0.00	145.01 5.51 0.00	149.56 5.78 0.00	138.75 5.50 0.00	142.50 5.15 0.00	132.18 4.85 0.00	110.72 3.40 0.00	107.98 3.24 0.00
GOWANUS_GT4_6 24135	105.84 3.77 0.00	118.51 4.00 0.00	108.78 3.59 0.00	120.79 3.51 0.00	125.58 3.84 0.00	122.95 3.77 0.00	125.29 4.32 0.00	85.08 3.60 0.00	98.07 4.19 0.00	109.06 4.27 0.00	138.38 5.72 0.00	129.36 5.73 0.00	124.60 5.38 0.00	119.72 4.68 0.00	125.71 4.80 0.00	134.53 5.13 0.00	154.35 6.02 0.00	145.01 5.51 0.00	149.56 5.78 0.00	138.75 5.50 0.00	142.50 5.15 0.00	132.18 4.85 0.00	110.72 3.40 0.00	107.98 3.24 0.00
GOWANUS_GT4_7 24136	105.84 3.77 0.00	118.51 4.00 0.00	108.78 3.59 0.00	120.79 3.51 0.00	125.58 3.84 0.00	122.95 3.77 0.00	125.29 4.32 0.00	85.08 3.60 0.00	98.07 4.19 0.00	109.06 4.27 0.00	138.38 5.72 0.00	129.36 5.73 0.00	124.60 5.38 0.00	119.72 4.68 0.00	125.71 4.80 0.00	134.53 5.13 0.00	154.35 6.02 0.00	145.01 5.51 0.00	149.56 5.78 0.00	138.75 5.50 0.00	142.50 5.15 0.00	132.18 4.85 0.00	110.72 3.40 0.00	107.98 3.24 0.00
GOWANUS_GT4_8 24137	105.84 3.77 0.00	118.51 4.00 0.00	108.78 3.59 0.00	120.79 3.51 0.00	125.58 3.84 0.00	122.95 3.77 0.00	125.29 4.32 0.00	85.08 3.60 0.00	98.07 4.19 0.00	109.06 4.27 0.00	138.38 5.72 0.00	129.36 5.73 0.00	124.60 5.38 0.00	119.72 4.68 0.00	125.71 4.80 0.00	134.53 5.13 0.00	154.35 6.02 0.00	145.01 5.51 0.00	149.56 5.78 0.00	138.75 5.50 0.00	142.50 5.15 0.00	132.18 4.85 0.00	110.72 3.40 0.00	107.98 3.24 0.00
GREATVR_69_KV_BK1 356245	110.06 7.99 0.00	122.91 8.39 0.00	112.74 7.56 0.00	125.00 7.72 0.00	139.63 8.21 -9.67	142.22 8.02 -15.02	161.22 8.36 -31.89	113.80 6.80 -25.52	151.01 8.01 -49.12	153.78 7.91 -41.08	142.51 9.13 -0.72	144.43 9.59 -11.21	184.02 9.09 -55.71	162.13 8.94 -38.15	191.28 8.98 -61.38	186.36 9.16 -47.80	193.62 11.21 -34.08	199.45 10.15 -49.81	211.62 10.30 -57.53	198.42 9.84 -55.32	186.41 9.44 -39.63	176.13 8.67 -40.13	119.56 6.60 -5.65	133.24 6.46 -22.04
GREENBSH_115KV_TB3 55895	105.31 3.25 0.00	118.61 4.09 0.00	108.92 3.73 0.00	121.42 4.14 0.00	126.12 4.38 0.00	123.32 4.14 0.00	124.83 3.86 0.00	84.15 2.66 0.00	96.78 2.90 0.00	107.92 3.13 0.00	136.42 3.76 0.00	127.50 3.88 0.00	123.20 3.98 0.00	118.45 3.41 0.00	124.13 3.21 0.00	132.49 3.10 0.00	151.65 3.32 0.00	142.82 3.33 0.00	147.45 3.67 0.00	136.64 3.39 0.00	140.94 3.60 0.00	130.78 3.45 0.00	110.42 3.10 0.00	108.18 3.43 0.00
GREENDGE_115KV_TB5 80291	96.60 -5.47 0.00	107.60 -6.91 0.00	97.91 -7.27 0.00	110.06 -7.22 0.00	115.26 -6.48 0.00	112.79 -6.39 0.00	114.73 -6.23 0.00	77.64 -3.84 0.00	90.49 -3.39 0.00	101.17 -3.63 0.00	127.38 -5.28 0.00	119.16 -4.46 0.00	115.06 -4.17 0.00	111.74 -3.30 0.00	117.08 -3.83 0.00	126.21 -3.18 0.00	145.48 -2.84 0.00	136.65 -2.84 0.00	140.39 -3.39 0.00	130.45 -2.81 0.00	134.04 -3.30 0.00	123.32 -4.01 0.00	103.59 -3.72 0.00	100.52 -4.22 0.00
GREENIDGE___3 23582	96.60 -5.47 0.00	107.60 -6.91 0.00	97.91 -7.27 0.00	110.06 -7.22 0.00	115.26 -6.48 0.00	112.79 -6.39 0.00	114.73 -6.23 0.00	77.64 -3.84 0.00	90.49 -3.39 0.00	101.17 -3.63 0.00	127.38 -5.28 0.00	119.16 -4.46 0.00	115.06 -4.17 0.00	111.74 -3.30 0.00	117.08 -3.83 0.00	126.21 -3.18 0.00	145.48 -2.84 0.00	136.65 -2.84 0.00	140.39 -3.39 0.00	130.45 -2.81 0.00	134.04 -3.30 0.00	123.32 -4.01 0.00	103.59 -3.72 0.00	100.52 -4.22 0.00
GREENIDGE___4 23583	98.03 -5.45 -1.42	109.67 -6.92 -2.08	99.82 -7.25 -1.89	113.13 -7.22 -3.07	117.91 -6.48 -2.64	116.31 -6.36 -3.49	116.60 -6.23 -1.87	79.31 -3.84 -1.67	94.03 -3.39 -3.55	116.34 -3.64 -15.19	140.60 -5.28 -13.21	124.76 -4.44 -5.58	116.64 -4.16 -1.58	113.26 -3.30 -1.52	131.46 -3.82 -14.36	151.46 -3.17 -25.24	176.04 -2.84 -30.56	173.92 -2.89 -37.31	175.75 -3.43 -35.40	172.29 -2.90 -41.94	177.50 -3.35 -43.52	155.40 -4.06 -32.13	111.10 -3.73 -7.51	108.61 -4.18 -8.05
GREENLWN_69_KV_BK 3 55738	108.17 6.10 0.00	120.88 6.36 0.00	110.94 5.75 0.00	123.00 5.71 0.00	125.62 6.50 2.63	121.70 6.61 4.08	119.17 6.87 8.66	80.31 5.76 6.93	87.20 6.66 13.34	100.16 6.52 11.15	138.59 6.78 0.85	127.57 7.38 3.43	111.65 7.55 15.13	112.22 7.54 10.36	111.82 7.57 16.67	122.27 6.81 13.94	143.55 8.22 13.00	131.05 7.65 16.10	132.82 7.81 18.77	123.83 7.49 16.91	130.99 6.86 13.20	121.31 6.26 12.28	106.12 4.17 5.36	103.28 4.53 5.98
GREENWD_138_KV_38B11_REV_LBMP_J 345004	105.84 3.77 0.00	118.51 4.00 0.00	108.78 3.59 0.00	120.79 3.51 0.00	125.58 3.84 0.00	122.95 3.77 0.00	125.29 4.32 0.00	85.08 3.60 0.00	98.07 4.19 0.00	109.06 4.27 0.00	138.38 5.72 0.00	129.36 5.73 0.00	124.60 5.38 0.00	119.72 4.68 0.00	125.71 4.80 0.00	134.53 5.13 0.00	154.35 6.02 0.00	145.01 5.51 0.00	149.56 5.78 0.00	138.75 5.50 0.00	142.50 5.15 0.00	132.18 4.85 0.00	110.72 3.40 0.00	107.98 3.24 0.00
GRISSOM___SOLAR 323813	106.13 4.06 0.00	118.99 4.47 0.00	109.28 4.09 0.00	121.80 4.51 0.00	126.49 4.75 0.00	124.06 4.89 0.00	126.08 5.11 0.00	85.07 3.59 0.00	97.79 3.91 0.00	108.50 3.71 0.00	137.18 4.53 0.00	128.14 4.51 0.00	123.54 4.31 0.00	119.29 4.25 0.00	126.24 5.32 0.00	135.41 6.02 0.00	155.89 7.56 0.00	146.64 7.14 0.00	150.89 7.11 0.00	139.78 6.53 0.00	143.73 6.39 0.00	133.12 5.79 0.00	111.81 4.50 0.00	108.86 4.12 0.00
GROVEVILLE___HYD 323602	107.02 4.95 0.00	119.97 5.46 0.00	110.05 4.87 0.00	122.43 5.15 0.00	127.28 5.53 0.00	124.72 5.54 0.00	126.99 6.03 0.00	86.02 4.54 0.00	99.10 5.22 0.00	110.33 5.53 0.00	139.89 7.23 0.00	130.73 7.10 0.00	126.07 6.85 0.00	121.42 6.38 0.00	127.32 6.41 0.00	136.19 6.79 0.00	156.50 8.17 0.00	147.08 7.58 0.00	151.68 7.90 0.00	140.53 7.27 0.00	144.48 7.14 0.00	133.83 6.50 0.00	112.12 4.80 0.00	109.37 4.62 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	100.09 -1.97 0.00	112.03 -2.48 0.00	102.64 -2.55 0.00	114.50 -2.78 0.00	118.96 -2.79 0.00	116.42 -2.76 0.00	118.09 -2.88 0.00	79.50 -1.98 0.00	91.76 -2.12 0.00	102.44 -2.35 0.00	129.57 -3.09 0.00	120.73 -2.89 0.00	116.40 -2.82 0.00	112.43 -2.61 0.00	118.17 -2.75 0.00	126.71 -2.69 0.00	145.53 -2.79 0.00	136.91 -2.58 0.00	141.03 -2.75 0.00	130.78 -2.47 0.00	134.59 -2.75 0.00	124.66 -2.67 0.00	104.80 -2.52 0.00	102.22 -2.52 0.00
HAMLTNNY_34_KV_TB 80303	100.10 -1.96 0.00	111.94 -2.58 0.00	102.48 -2.70 0.00	114.32 -2.96 0.00	118.86 -2.88 0.00	116.39 -2.79 0.00	117.88 -3.08 0.00	79.31 -2.17 0.00	91.58 -2.30 0.00	102.32 -2.47 0.00	129.40 -3.26 0.00	120.58 -3.05 0.00	116.21 -3.02 0.00	112.32 -2.72 0.00	118.06 -2.86 0.00	126.62 -2.77 0.00	145.47 -2.86 0.00	136.91 -2.58 0.00	140.94 -2.84 0.00	130.70 -2.55 0.00	134.51 -2.83 0.00	124.56 -2.77 0.00	104.75 -2.57 0.00	102.13 -2.61 0.00

HAMPSHIRE___PAPER_HYD 323593	102.53 0.47 0.00	114.93 0.41 0.00	106.32 1.14 0.00	118.44 1.15 0.00	122.09 0.35 0.00	118.68 -0.50 0.00	121.24 0.27 0.00	81.33 -0.15 0.00	94.39 0.51 0.00	105.86 1.07 0.00	133.72 1.06 0.00	124.09 0.46 0.00	118.85 -0.38 0.00	114.53 -0.51 0.00	121.37 0.46 0.00	130.37 0.98 0.00	147.33 -1.00 0.00	139.57 0.07 0.00	144.72 0.94 0.00	134.35 1.10 0.00	138.59 1.25 0.00	128.57 1.24 0.00	109.67 2.35 0.00	107.03 2.29 0.00
HARDSCRABBLE_WT_PWR 323673	107.56 5.49 0.00	121.17 6.66 0.00	111.24 6.05 0.00	124.06 6.78 0.00	128.91 7.16 0.00	126.16 6.98 0.00	127.97 7.00 0.00	86.44 4.96 0.00	99.54 5.67 0.00	110.27 5.48 0.00	139.45 6.79 0.00	130.27 6.65 0.00	125.72 6.50 0.00	121.44 6.39 0.00	128.14 7.23 0.00	137.07 7.68 0.00	157.49 9.17 0.00	148.45 8.95 0.00	152.87 9.09 0.00	141.65 8.39 0.00	145.79 8.45 0.00	134.80 7.47 0.00	113.00 5.68 0.00	110.18 5.44 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	105.76 3.69 0.00	118.56 4.05 0.00	108.86 3.67 0.00	121.03 3.75 0.00	125.86 4.11 0.00	123.31 4.13 0.00	125.51 4.54 0.00	85.00 3.51 0.00	97.92 4.04 0.00	108.93 4.13 0.00	138.04 5.38 0.00	129.08 5.45 0.00	124.51 5.29 0.00	119.87 4.83 0.00	125.78 4.87 0.00	134.61 5.22 0.00	154.67 6.34 0.00	145.39 5.90 0.00	149.86 6.08 0.00	138.96 5.71 0.00	142.85 5.51 0.00	132.38 5.05 0.00	110.89 3.58 0.00	108.12 3.37 0.00
HARSNRAD_115KV_TB1 81005	92.53 -9.54 0.00	103.28 -11.24 0.00	93.05 -12.13 0.00	104.08 -13.20 0.00	108.04 -13.70 0.00	105.51 -13.67 0.00	104.50 -16.47 0.00	68.81 -12.67 0.00	79.49 -14.39 0.00	89.49 -15.30 0.00	113.11 -19.55 0.00	104.91 -18.71 0.00	101.29 -17.94 0.00	98.26 -16.78 0.00	103.23 -17.68 0.00	111.19 -18.21 0.00	128.03 -20.30 0.00	120.58 -18.92 0.00	123.54 -20.24 0.00	115.23 -18.03 0.00	119.19 -18.15 0.00	110.69 -16.64 0.00	94.83 -12.49 0.00	92.49 -12.25 0.00
HARZA MOOSE___RIVER 24016	103.00 0.93 0.00	115.15 0.64 0.00	106.44 1.25 0.00	118.78 1.50 0.00	122.70 0.95 0.00	119.74 0.57 0.00	122.65 1.68 0.00	82.22 0.74 0.00	95.67 1.79 0.00	107.09 2.29 0.00	134.87 2.21 0.00	125.22 1.60 0.00	119.82 0.60 0.00	115.30 0.26 0.00	122.35 1.44 0.00	132.06 2.67 0.00	150.27 1.95 0.00	142.51 3.02 0.00	147.82 4.04 0.00	137.08 3.82 0.00	141.24 3.89 0.00	130.77 3.44 0.00	110.47 3.16 0.00	107.62 2.88 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	99.29 -2.78 0.00	111.22 -3.29 0.00	101.89 -3.30 0.00	113.66 -3.63 0.00	118.04 -3.70 0.00	115.49 -3.68 0.00	117.18 -3.79 0.00	78.85 -2.63 0.00	90.98 -2.90 0.00	101.56 -3.23 0.00	128.54 -4.12 0.00	119.80 -3.83 0.00	115.51 -3.72 0.00	111.53 -3.51 0.00	117.21 -3.70 0.00	125.65 -3.74 0.00	144.30 -4.03 0.00	135.79 -3.71 0.00	139.86 -3.92 0.00	129.68 -3.58 0.00	133.48 -3.85 0.00	123.65 -3.67 0.00	104.02 -3.30 0.00	101.49 -3.25 0.00
HELLGATE_13_KV_LD 55870	106.45 4.39 0.00	119.26 4.74 0.00	109.40 4.21 0.00	121.55 4.27 0.00	126.34 4.60 0.00	123.74 4.57 0.00	126.04 5.08 0.00	85.52 4.03 0.00	98.66 4.79 0.00	109.80 5.00 0.00	139.30 6.64 0.00	130.24 6.61 0.00	125.45 6.22 0.00	120.46 5.42 0.00	126.51 5.59 0.00	135.34 5.94 0.00	155.34 7.01 0.00	145.97 6.47 0.00	150.53 6.75 0.00	139.61 6.35 0.00	143.33 5.99 0.00	132.88 5.55 0.00	111.30 3.98 0.00	108.47 3.73 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	106.45 4.39 0.00	119.26 4.74 0.00	109.40 4.21 0.00	121.55 4.27 0.00	126.34 4.60 0.00	123.74 4.57 0.00	126.04 5.08 0.00	85.52 4.03 0.00	98.66 4.79 0.00	109.80 5.00 0.00	139.30 6.64 0.00	130.24 6.61 0.00	125.45 6.22 0.00	120.46 5.42 0.00	126.51 5.59 0.00	135.34 5.94 0.00	155.34 7.01 0.00	145.97 6.47 0.00	150.53 6.75 0.00	139.61 6.35 0.00	143.33 5.99 0.00	132.88 5.55 0.00	111.30 3.98 0.00	108.47 3.73 0.00
HEMPSTEAD____ 23647	107.15 5.08 0.00	119.87 5.35 0.00	109.99 4.81 0.00	122.06 4.77 0.00	127.09 5.34 0.00	124.54 5.36 0.00	126.75 5.78 0.00	86.32 4.83 0.00	99.48 5.60 0.00	110.34 5.55 0.00	139.10 6.45 0.00	130.54 6.92 0.00	126.02 6.79 0.00	121.60 6.55 0.00	127.46 6.54 0.00	135.85 6.45 0.00	156.30 7.97 0.00	146.79 7.30 0.00	151.27 7.49 0.00	140.35 7.10 0.00	143.93 6.59 0.00	133.26 5.94 0.00	111.30 3.98 0.00	108.84 4.10 0.00
HICKLING___1 23621	97.70 -4.37 0.00	108.95 -5.56 0.00	99.08 -6.10 0.00	110.74 -6.54 0.00	115.49 -6.25 0.00	112.91 -6.27 0.00	114.10 -6.87 0.00	76.66 -4.82 0.00	88.75 -5.13 0.00	99.26 -5.53 0.00	125.32 -7.34 0.00	117.70 -5.93 0.00	113.42 -5.80 0.00	109.86 -5.18 0.00	114.97 -5.95 0.00	123.68 -5.72 0.00	142.44 -5.89 0.00	133.74 -5.76 0.00	137.53 -6.25 0.00	127.82 -5.43 0.00	131.41 -5.93 0.00	120.96 -6.37 0.00	101.81 -5.51 0.00	99.78 -4.96 0.00
HICKLING___2 23622	97.70 -4.37 0.00	108.95 -5.56 0.00	99.08 -6.10 0.00	110.74 -6.54 0.00	115.49 -6.25 0.00	112.91 -6.27 0.00	114.10 -6.87 0.00	76.66 -4.82 0.00	88.75 -5.13 0.00	99.26 -5.53 0.00	125.32 -7.34 0.00	117.70 -5.93 0.00	113.42 -5.80 0.00	109.86 -5.18 0.00	114.97 -5.95 0.00	123.68 -5.72 0.00	142.44 -5.89 0.00	133.74 -5.76 0.00	137.53 -6.25 0.00	127.82 -5.43 0.00	131.41 -5.93 0.00	120.96 -6.37 0.00	101.81 -5.51 0.00	99.78 -4.96 0.00
HIGH FALLS___HY 23754	106.70 4.63 0.00	119.52 5.01 0.00	109.67 4.48 0.00	121.94 4.66 0.00	126.84 5.10 0.00	124.38 5.21 0.00	126.78 5.81 0.00	85.89 4.41 0.00	99.10 5.22 0.00	110.35 5.55 0.00	139.93 7.27 0.00	130.89 7.26 0.00	126.09 6.86 0.00	121.45 6.40 0.00	127.27 6.35 0.00	135.97 6.58 0.00	156.62 8.29 0.00	147.26 7.76 0.00	151.76 7.98 0.00	140.60 7.34 0.00	144.43 7.09 0.00	133.75 6.42 0.00	111.87 4.55 0.00	108.95 4.21 0.00
HIGH_RIVER___SOLAR 323847	105.48 3.42 0.00	118.32 3.80 0.00	108.68 3.50 0.00	121.16 3.87 0.00	125.85 4.11 0.00	123.35 4.18 0.00	125.40 4.43 0.00	84.52 3.04 0.00	97.13 3.25 0.00	107.96 3.17 0.00	136.27 3.61 0.00	127.22 3.59 0.00	122.65 3.42 0.00	118.34 3.30 0.00	125.59 4.67 0.00	134.63 5.24 0.00	154.77 6.44 0.00	145.63 6.13 0.00	149.89 6.11 0.00	138.84 5.58 0.00	142.78 5.44 0.00	132.27 4.94 0.00	111.14 3.82 0.00	108.27 3.53 0.00
HILLBURN___GT 23639	105.15 3.08 0.00	117.88 3.37 0.00	108.23 3.05 0.00	120.28 3.00 0.00	125.08 3.34 0.00	122.51 3.33 0.00	124.73 3.76 0.00	84.51 3.03 0.00	97.40 3.52 0.00	108.25 3.46 0.00	137.21 4.55 0.00	128.31 4.69 0.00	123.76 4.53 0.00	119.12 4.08 0.00	125.01 4.09 0.00	133.80 4.41 0.00	153.69 5.37 0.00	144.43 4.93 0.00	148.92 5.14 0.00	138.06 4.81 0.00	141.97 4.63 0.00	131.62 4.29 0.00	110.17 2.85 0.00	107.42 2.68 0.00
HILLSIDE_115KV_TB1 80332	96.62 -5.44 0.00	107.88 -6.63 0.00	98.30 -6.89 0.00	109.83 -7.45 0.00	114.36 -7.39 0.00	111.78 -7.40 0.00	113.04 -7.93 0.00	76.03 -5.45 0.00	87.92 -5.96 0.00	98.23 -6.56 0.00	124.10 -8.56 0.00	116.54 -7.09 0.00	112.27 -6.95 0.00	108.72 -6.32 0.00	113.66 -7.26 0.00	122.16 -7.23 0.00	140.57 -7.76 0.00	132.01 -7.49 0.00	136.03 -7.75 0.00	126.45 -6.81 0.00	129.89 -7.45 0.00	119.77 -7.56 0.00	100.66 -6.65 0.00	98.65 -6.10 0.00

HISHELDN_WT_PWR 323625	92.17 -8.03 1.86	101.93 -9.84 2.74	91.87 -10.83 2.48	101.58 -11.66 4.04	106.71 -11.57 3.47	103.11 -11.47 4.60	104.95 -13.56 2.46	69.01 -10.28 2.20	78.16 -11.04 4.67	73.24 -11.57 19.98	100.49 -14.78 17.39	102.87 -13.42 7.34	104.16 -13.00 2.07	101.05 -11.99 2.00	89.22 -12.80 18.90	83.39 -12.79 33.22	94.23 -13.88 40.22	77.13 -13.26 49.11	82.74 -14.46 46.59	65.32 -12.74 55.19	67.04 -13.03 57.28	72.61 -12.43 42.28	87.86 -9.57 9.88	84.80 -9.34 10.59
HOLTSVILLE_IC_1 23690	108.79 6.72 0.00	121.55 7.03 0.00	111.47 6.28 0.00	123.74 6.46 0.00	151.08 7.48 -21.86	160.59 7.47 -33.95	200.82 7.79 -72.06	145.51 6.36 -57.66	211.83 7.22 -110.74	202.81 7.13 -90.89	141.18 7.49 -1.03	156.34 8.23 -24.49	250.87 8.39 -123.26	207.74 8.28 -84.42	265.11 8.38 -135.81	242.16 7.83 -104.94	229.88 9.36 -72.19	256.19 8.70 -108.00	277.28 8.90 -124.60	262.53 8.49 -120.78	230.90 7.97 -85.59	222.18 7.23 -87.62	121.52 4.98 -9.23	158.92 5.41 -48.77
HOLTSVILLE_IC_10 23699	109.43 7.36 0.00	122.22 7.70 0.00	112.07 6.88 0.00	124.40 7.12 0.00	150.51 8.16 -20.60	159.30 8.13 -31.99	197.37 8.48 -67.91	142.67 6.84 -54.35	206.30 7.80 -104.62	200.06 7.81 -87.46	141.82 8.33 -0.84	156.12 9.02 -23.47	246.97 9.14 -118.61	205.24 8.96 -81.24	260.69 9.09 -130.69	238.81 8.66 -100.76	227.26 10.35 -68.58	252.47 9.66 -103.32	272.78 9.83 -119.16	258.39 9.36 -115.78	227.98 8.85 -81.78	219.35 8.03 -83.98	120.97 5.68 -7.98	157.71 6.04 -46.93
HOLTSVILLE_IC_2 23691	108.79 6.72 0.00	121.55 7.03 0.00	111.47 6.28 0.00	123.74 6.46 0.00	151.08 7.48 -21.86	160.59 7.47 -33.95	200.82 7.79 -72.06	145.51 6.36 -57.66	211.83 7.22 -110.74	202.81 7.13 -90.89	141.18 7.49 -1.03	156.34 8.23 -24.49	250.87 8.39 -123.26	207.74 8.28 -84.42	265.11 8.38 -135.81	242.16 7.83 -104.94	229.88 9.36 -72.19	256.19 8.70 -108.00	277.28 8.90 -124.60	262.53 8.49 -120.78	230.90 7.97 -85.59	222.18 7.23 -87.62	121.52 4.98 -9.23	158.92 5.41 -48.77
HOLTSVILLE_IC_3 23692	108.79 6.72 0.00	121.55 7.03 0.00	111.47 6.28 0.00	123.74 6.46 0.00	151.08 7.48 -21.86	160.59 7.47 -33.95	200.82 7.79 -72.06	145.51 6.36 -57.66	211.83 7.22 -110.74	202.81 7.13 -90.89	141.18 7.49 -1.03	156.34 8.23 -24.49	250.87 8.39 -123.26	207.74 8.28 -84.42	265.11 8.38 -135.81	242.16 7.83 -104.94	229.88 9.36 -72.19	256.19 8.70 -108.00	277.28 8.90 -124.60	262.53 8.49 -120.78	230.90 7.97 -85.59	222.18 7.23 -87.62	121.52 4.98 -9.23	158.92 5.41 -48.77
HOLTSVILLE_IC_4 23693	108.79 6.72 0.00	121.55 7.03 0.00	111.47 6.28 0.00	123.74 6.46 0.00	151.08 7.48 -21.86	160.59 7.47 -33.95	200.82 7.79 -72.06	145.51 6.36 -57.66	211.83 7.22 -110.74	202.81 7.13 -90.89	141.18 7.49 -1.03	156.34 8.23 -24.49	250.87 8.39 -123.26	207.74 8.28 -84.42	265.11 8.38 -135.81	242.16 7.83 -104.94	229.88 9.36 -72.19	256.19 8.70 -108.00	277.28 8.90 -124.60	262.53 8.49 -120.78	230.90 7.97 -85.59	222.18 7.23 -87.62	121.52 4.98 -9.23	158.92 5.41 -48.77
HOLTSVILLE_IC_5 23694	108.79 6.72 0.00	121.55 7.03 0.00	111.47 6.28 0.00	123.74 6.46 0.00	151.08 7.48 -21.86	160.59 7.47 -33.95	200.82 7.79 -72.06	145.51 6.36 -57.66	211.83 7.22 -110.74	202.81 7.13 -90.89	141.18 7.49 -1.03	156.34 8.23 -24.49	250.87 8.39 -123.26	207.74 8.28 -84.42	265.11 8.38 -135.81	242.16 7.83 -104.94	229.88 9.36 -72.19	256.19 8.70 -108.00	277.28 8.90 -124.60	262.53 8.49 -120.78	230.90 7.97 -85.59	222.18 7.23 -87.62	121.52 4.98 -9.23	158.92 5.41 -48.77
HOLTSVILLE_IC_6 23695	109.43 7.36 0.00	122.22 7.70 0.00	112.07 6.88 0.00	124.40 7.12 0.00	150.51 8.16 -20.60	159.30 8.13 -31.99	197.37 8.48 -67.91	142.67 6.84 -54.35	206.30 7.80 -104.62	200.06 7.81 -87.46	141.82 8.33 -0.84	156.12 9.02 -23.47	246.97 9.14 -118.61	205.24 8.96 -81.24	260.69 9.09 -130.69	238.81 8.66 -100.76	227.26 10.35 -68.58	252.47 9.66 -103.32	272.78 9.83 -119.16	258.39 9.36 -115.78	227.98 8.85 -81.78	219.35 8.03 -83.98	120.97 5.68 -7.98	157.71 6.04 -46.93
HOLTSVILLE_IC_7 23696	109.43 7.36 0.00	122.22 7.70 0.00	112.07 6.88 0.00	124.40 7.12 0.00	150.51 8.16 -20.60	159.30 8.13 -31.99	197.37 8.48 -67.91	142.67 6.84 -54.35	206.30 7.80 -104.62	200.06 7.81 -87.46	141.82 8.33 -0.84	156.12 9.02 -23.47	246.97 9.14 -118.61	205.24 8.96 -81.24	260.69 9.09 -130.69	238.81 8.66 -100.76	227.26 10.35 -68.58	252.47 9.66 -103.32	272.78 9.83 -119.16	258.39 9.36 -115.78	227.98 8.85 -81.78	219.35 8.03 -83.98	120.97 5.68 -7.98	157.71 6.04 -46.93
HOLTSVILLE_IC_8 23697	109.43 7.36 0.00	122.22 7.70 0.00	112.07 6.88 0.00	124.40 7.12 0.00	150.51 8.16 -20.60	159.30 8.13 -31.99	197.37 8.48 -67.91	142.67 6.84 -54.35	206.30 7.80 -104.62	200.06 7.81 -87.46	141.82 8.33 -0.84	156.12 9.02 -23.47	246.97 9.14 -118.61	205.24 8.96 -81.24	260.69 9.09 -130.69	238.81 8.66 -100.76	227.26 10.35 -68.58	252.47 9.66 -103.32	272.78 9.83 -119.16	258.39 9.36 -115.78	227.98 8.85 -81.78	219.35 8.03 -83.98	120.97 5.68 -7.98	157.71 6.04 -46.93
HOLTSVILLE_IC_9 23698	109.43 7.36 0.00	122.22 7.70 0.00	112.07 6.88 0.00	124.40 7.12 0.00	150.51 8.16 -20.60	159.30 8.13 -31.99	197.37 8.48 -67.91	142.67 6.84 -54.35	206.30 7.80 -104.62	200.06 7.81 -87.46	141.82 8.33 -0.84	156.12 9.02 -23.47	246.97 9.14 -118.61	205.24 8.96 -81.24	260.69 9.09 -130.69	238.81 8.66 -100.76	227.26 10.35 -68.58	252.47 9.66 -103.32	272.78 9.83 -119.16	258.39 9.36 -115.78	227.98 8.85 -81.78	219.35 8.03 -83.98	120.97 5.68 -7.98	157.71 6.04 -46.93
HOMER_HL_115KV_TB2 355744	95.36 -6.70 0.00	106.42 -8.10 0.00	96.25 -8.94 0.00	107.80 -9.49 0.00	112.42 -9.32 0.00	109.42 -9.75 0.00	109.71 -11.26 0.00	73.48 -8.01 0.00	84.56 -9.32 0.00	94.53 -10.26 0.00	119.62 -13.04 0.00	112.32 -11.30 0.00	108.56 -10.67 0.00	105.39 -9.65 0.00	110.48 -10.43 0.00	119.26 -10.13 0.00	137.44 -10.89 0.00	128.76 -10.73 0.00	132.00 -11.78 0.00	123.13 -10.12 0.00	126.63 -10.71 0.00	117.37 -9.96 0.00	99.66 -7.66 0.00	97.31 -7.43 0.00
HOWARD_WT_PWR 323690	97.20 -4.87 0.00	107.47 -7.04 0.00	96.86 -8.33 0.00	107.52 -9.77 0.00	112.54 -9.20 0.00	110.58 -8.59 0.00	110.88 -10.09 0.00	74.21 -7.27 0.00	86.20 -7.68 0.00	97.63 -7.16 0.00	122.94 -9.72 0.00	117.28 -6.35 0.00	112.97 -6.25 0.00	109.53 -5.51 0.00	114.84 -6.08 0.00	123.88 -5.51 0.00	142.93 -5.40 0.00	133.29 -6.21 0.00	135.63 -8.15 0.00	125.87 -7.39 0.00	130.31 -7.03 0.00	119.33 -8.00 0.00	100.69 -6.63 0.00	99.39 -5.35 0.00
HQ_GEN_CEDARS 23644	104.23 2.17 0.00	116.93 2.41 0.00	107.78 2.59 0.00	120.12 2.83 0.00	124.51 2.77 0.00	121.65 2.48 0.00	123.45 2.48 0.00	83.15 1.67 0.00	95.75 1.88 0.00	107.24 2.44 0.00	135.79 3.13 0.00	126.34 2.72 0.00	121.69 2.46 0.00	117.56 2.52 0.00	123.67 2.76 0.00	132.22 2.83 0.00	151.01 2.68 0.00	142.02 2.52 0.00	146.35 2.57 0.00	135.77 2.52 0.00	140.06 2.72 0.00	130.03 2.70 0.00	110.25 2.93 0.00	107.56 2.82 0.00
HQ_GEN_CEDARS_PROXY 323590	104.22 2.15 0.00	116.92 2.40 0.00	107.77 2.58 0.00	120.09 2.81 0.00	124.51 2.77 0.00	121.62 2.44 0.00	123.45 2.48 0.00	83.15 1.67 0.00	95.75 1.88 0.00	107.23 2.44 0.00	135.79 3.13 0.00	126.34 2.71 0.00	121.68 2.45 0.00	117.55 2.50 0.00	123.67 2.76 0.00	132.22 2.83 0.00	151.00 2.67 0.00	142.01 2.52 0.00	146.35 2.57 0.00	135.75 2.50 0.00	140.06 2.72 0.00	130.00 2.67 0.00	110.25 2.93 0.00	107.56 2.82 0.00

HQ_GEN_IMPORT 323601	102.70 0.64 0.00	115.18 0.67 0.00	105.96 0.77 0.00	118.13 0.84 0.00	122.58 0.83 0.00	119.95 0.77 0.00	121.81 0.85 0.00	82.08 0.59 0.00	94.54 0.66 0.00	105.70 0.91 0.00	133.80 1.14 0.00	124.52 0.89 0.00	120.10 0.87 0.00	115.96 0.92 0.00	121.94 1.02 0.00	130.36 0.96 0.00	142.16 0.90 7.07	140.29 0.79 0.00	144.56 0.78 0.00	133.99 0.74 0.00	138.25 0.91 0.00	127.61 0.90 0.61	108.34 1.03 0.00	105.71 0.97 0.00
HQ_GEN_WHEEL 23651	102.70 0.64 0.00	115.18 0.67 0.00	105.96 0.77 0.00	118.13 0.84 0.00	122.58 0.83 0.00	119.95 0.77 0.00	121.81 0.85 0.00	82.08 0.59 0.00	94.54 0.66 0.00	105.70 0.91 0.00	133.80 1.14 0.00	124.52 0.89 0.00	120.10 0.87 0.00	115.96 0.92 0.00	121.94 1.02 0.00	130.36 0.96 0.00	142.16 0.90 7.07	140.29 0.79 0.00	144.56 0.78 0.00	133.99 0.74 0.00	138.25 0.91 0.00	127.61 0.90 0.61	108.34 1.03 0.00	105.71 0.97 0.00
HUDSON AVE_GT_3 23810	106.11 4.05 0.00	118.88 4.37 0.00	109.17 3.98 0.00	121.28 3.99 0.00	126.05 4.31 0.00	123.46 4.29 0.00	125.75 4.79 0.00	85.32 3.84 0.00	98.38 4.51 0.00	109.47 4.68 0.00	138.84 6.18 0.00	129.83 6.21 0.00	125.13 5.90 0.00	120.27 5.22 0.00	126.26 5.34 0.00	135.06 5.66 0.00	154.99 6.67 0.00	145.61 6.12 0.00	150.18 6.40 0.00	139.31 6.05 0.00	143.06 5.72 0.00	132.61 5.28 0.00	111.08 3.77 0.00	108.32 3.58 0.00
HUDSON AVE_GT_4 23540	106.11 4.05 0.00	118.88 4.37 0.00	109.17 3.98 0.00	121.28 3.99 0.00	126.05 4.31 0.00	123.46 4.29 0.00	125.75 4.79 0.00	85.32 3.84 0.00	98.38 4.51 0.00	109.47 4.68 0.00	138.84 6.18 0.00	129.83 6.21 0.00	125.13 5.90 0.00	120.27 5.22 0.00	126.26 5.34 0.00	135.06 5.66 0.00	154.99 6.67 0.00	145.61 6.12 0.00	150.18 6.40 0.00	139.31 6.05 0.00	143.06 5.72 0.00	132.61 5.28 0.00	111.08 3.77 0.00	108.32 3.58 0.00
HUDSON AVE_GT_5 23657	106.11 4.05 0.00	118.88 4.37 0.00	109.17 3.98 0.00	121.28 3.99 0.00	126.05 4.31 0.00	123.46 4.29 0.00	125.75 4.79 0.00	85.32 3.84 0.00	98.38 4.51 0.00	109.47 4.68 0.00	138.84 6.18 0.00	129.83 6.21 0.00	125.13 5.90 0.00	120.27 5.22 0.00	126.26 5.34 0.00	135.06 5.66 0.00	154.99 6.67 0.00	145.61 6.12 0.00	150.18 6.40 0.00	139.31 6.05 0.00	143.06 5.72 0.00	132.61 5.28 0.00	111.08 3.77 0.00	108.32 3.58 0.00
HUDSON_AVE_10 24168	105.94 3.87 0.00	118.66 4.14 0.00	108.79 3.61 0.00	120.94 3.65 0.00	125.67 3.93 0.00	123.10 3.92 0.00	125.40 4.43 0.00	85.10 3.62 0.00	98.14 4.26 0.00	109.17 4.37 0.00	138.42 5.76 0.00	129.47 5.85 0.00	124.75 5.52 0.00	119.91 4.87 0.00	125.79 4.88 0.00	134.65 5.25 0.00	154.54 6.21 0.00	145.18 5.69 0.00	149.75 5.97 0.00	138.94 5.68 0.00	142.64 5.30 0.00	132.24 4.91 0.00	110.83 3.52 0.00	108.09 3.35 0.00
HUDSON___115KV_TB 4 355613	107.60 5.54 0.00	121.04 6.53 0.00	111.16 5.97 0.00	124.00 6.72 0.00	128.83 7.08 0.00	126.11 6.93 0.00	127.69 6.73 0.00	86.14 4.66 0.00	99.12 5.24 0.00	110.42 5.63 0.00	139.54 6.88 0.00	130.39 6.77 0.00	125.84 6.61 0.00	120.86 5.82 0.00	126.82 5.90 0.00	135.33 5.94 0.00	155.85 7.53 0.00	146.90 7.41 0.00	151.52 7.74 0.00	140.24 6.99 0.00	144.51 7.17 0.00	133.95 6.62 0.00	112.88 5.56 0.00	110.44 5.69 0.00
HUNTER MOUNT___DRP 323613	108.47 6.40 0.00	122.06 7.55 0.00	112.10 6.91 0.00	125.08 7.80 0.00	129.96 8.22 0.00	127.22 8.05 0.00	128.79 7.83 0.00	86.91 5.43 0.00	100.00 6.12 0.00	111.40 6.61 0.00	140.81 8.15 0.00	131.51 7.88 0.00	126.86 7.63 0.00	121.84 6.80 0.00	127.89 6.97 0.00	136.63 7.24 0.00	157.43 9.10 0.00	148.36 8.87 0.00	152.99 9.21 0.00	141.51 8.26 0.00	145.83 8.49 0.00	135.13 7.80 0.00	113.87 6.55 0.00	111.37 6.63 0.00
HUNTINGTON_RES_REC 323705	108.91 6.84 0.00	121.66 7.15 0.00	111.59 6.40 0.00	123.76 6.48 0.00	119.98 7.36 9.13	112.38 7.38 14.18	98.62 7.75 30.10	63.79 6.40 24.08	54.86 7.34 46.36	73.18 7.13 38.75	139.94 7.51 0.23	121.40 8.09 10.31	74.93 8.26 52.56	87.24 8.20 35.99	71.33 8.32 57.91	92.63 7.67 44.43	128.06 9.30 29.57	102.97 8.69 45.22	100.52 8.85 52.11	90.80 8.44 50.89	109.47 7.83 35.70	97.56 7.14 36.91	109.51 4.89 2.69	89.20 5.26 20.80
HUNTLEY___63 23557	93.46 -8.61 0.00	104.38 -10.13 0.00	94.02 -11.16 0.00	105.17 -12.12 0.00	109.16 -12.59 0.00	106.60 -12.57 0.00	105.91 -15.06 0.00	69.84 -11.65 0.00	80.70 -13.18 0.00	90.92 -13.87 0.00	114.84 -17.82 0.00	106.67 -16.95 0.00	102.96 -16.27 0.00	99.91 -15.13 0.00	104.86 -16.06 0.00	113.05 -16.34 0.00	130.00 -18.33 0.00	122.47 -17.02 0.00	125.42 -18.36 0.00	116.99 -16.26 0.00	120.93 -16.41 0.00	112.38 -14.95 0.00	96.20 -11.12 0.00	93.78 -10.96 0.00
HUNTLEY___64 23558	93.46 -8.61 0.00	104.38 -10.13 0.00	94.02 -11.16 0.00	105.17 -12.12 0.00	109.16 -12.59 0.00	106.60 -12.57 0.00	105.91 -15.06 0.00	69.84 -11.65 0.00	80.70 -13.18 0.00	90.92 -13.87 0.00	114.84 -17.82 0.00	106.67 -16.95 0.00	102.96 -16.27 0.00	99.91 -15.13 0.00	104.86 -16.06 0.00	113.05 -16.34 0.00	130.00 -18.33 0.00	122.47 -17.02 0.00	125.42 -18.36 0.00	116.99 -16.26 0.00	120.93 -16.41 0.00	112.38 -14.95 0.00	96.20 -11.12 0.00	93.78 -10.96 0.00
HUNTLEY___65 23559	93.46 -8.61 0.00	104.38 -10.13 0.00	94.02 -11.16 0.00	105.17 -12.12 0.00	109.16 -12.59 0.00	106.60 -12.57 0.00	105.91 -15.06 0.00	69.84 -11.65 0.00	80.70 -13.18 0.00	90.92 -13.87 0.00	114.84 -17.82 0.00	106.67 -16.95 0.00	102.96 -16.27 0.00	99.91 -15.13 0.00	104.86 -16.06 0.00	113.05 -16.34 0.00	130.00 -18.33 0.00	122.47 -17.02 0.00	125.42 -18.36 0.00	116.99 -16.26 0.00	120.93 -16.41 0.00	112.38 -14.95 0.00	96.20 -11.12 0.00	93.78 -10.96 0.00
HUNTLEY___66 23560	93.46 -8.61 0.00	104.38 -10.13 0.00	94.02 -11.16 0.00	105.17 -12.12 0.00	109.16 -12.59 0.00	106.60 -12.57 0.00	105.91 -15.06 0.00	69.84 -11.65 0.00	80.70 -13.18 0.00	90.92 -13.87 0.00	114.84 -17.82 0.00	106.67 -16.95 0.00	102.96 -16.27 0.00	99.91 -15.13 0.00	104.86 -16.06 0.00	113.05 -16.34 0.00	130.00 -18.33 0.00	122.47 -17.02 0.00	125.42 -18.36 0.00	116.99 -16.26 0.00	120.93 -16.41 0.00	112.38 -14.95 0.00	96.20 -11.12 0.00	93.78 -10.96 0.00
HUNTLEY___67 23561	93.48 -8.59 0.00	104.28 -10.23 0.00	93.99 -11.20 0.00	105.11 -12.18 0.00	109.14 -12.61 0.00	106.52 -12.65 0.00	106.04 -14.93 0.00	70.04 -11.44 0.00	80.93 -12.95 0.00	91.11 -13.68 0.00	115.22 -17.44 0.00	107.05 -16.57 0.00	103.35 -15.88 0.00	100.27 -14.77 0.00	105.25 -15.67 0.00	113.44 -15.95 0.00	130.70 -17.63 0.00	122.99 -16.50 0.00	125.99 -17.79 0.00	117.54 -15.72 0.00	121.47 -15.87 0.00	112.77 -14.56 0.00	96.41 -10.90 0.00	94.03 -10.72 0.00
HUNTLEY___68 23562	93.48 -8.59 0.00	104.28 -10.23 0.00	93.99 -11.20 0.00	105.11 -12.18 0.00	109.14 -12.61 0.00	106.52 -12.65 0.00	106.04 -14.93 0.00	70.04 -11.44 0.00	80.93 -12.95 0.00	91.11 -13.68 0.00	115.22 -17.44 0.00	107.05 -16.57 0.00	103.35 -15.88 0.00	100.27 -14.77 0.00	105.25 -15.67 0.00	113.44 -15.95 0.00	130.70 -17.63 0.00	122.99 -16.50 0.00	125.99 -17.79 0.00	117.54 -15.72 0.00	121.47 -15.87 0.00	112.77 -14.56 0.00	96.41 -10.90 0.00	94.03 -10.72 0.00

HYLAND___LFGE 323620	100.29 -1.28 0.50	109.62 -4.15 0.73	98.97 -5.55 0.67	109.96 -6.24 1.08	114.78 -6.04 0.93	112.17 -5.78 1.23	113.41 -6.90 0.66	76.20 -4.70 0.59	87.81 -4.82 1.25	94.59 -4.84 5.36	120.71 -7.28 4.66	115.13 -6.53 1.97	112.68 -6.00 0.56	109.14 -5.36 0.53	110.09 -5.76 5.07	115.44 -5.05 8.91	133.12 -4.43 10.78	122.19 -4.14 13.16	126.34 -4.96 12.49	114.25 -4.21 14.79	117.35 -4.63 15.35	110.86 -5.14 11.34	100.63 -4.03 2.65	97.81 -4.09 2.84
INDECK___CORINTH 23802	109.07 7.01 0.00	122.74 8.23 0.00	112.65 7.47 0.00	125.59 8.31 0.00	130.40 8.66 0.00	127.90 8.72 0.00	130.18 9.21 0.00	88.04 6.56 0.00	101.43 7.56 0.00	112.90 8.11 0.00	143.18 10.52 0.00	133.26 9.63 0.00	128.74 9.51 0.00	124.38 9.34 0.00	130.80 9.89 0.00	140.42 11.03 0.00	161.23 12.90 0.00	151.38 11.89 0.00	156.01 12.22 0.00	144.32 11.07 0.00	148.19 10.85 0.00	137.52 10.19 0.00	115.31 7.99 0.00	112.51 7.77 0.00
INDECK___ILION 23567	105.29 3.23 0.00	118.36 3.85 0.00	108.66 3.48 0.00	121.22 3.94 0.00	125.89 4.15 0.00	123.23 4.05 0.00	125.07 4.10 0.00	84.36 2.88 0.00	97.17 3.29 0.00	108.00 3.21 0.00	136.66 4.00 0.00	127.56 3.93 0.00	123.04 3.82 0.00	118.75 3.71 0.00	125.10 4.18 0.00	133.90 4.51 0.00	153.70 5.37 0.00	144.73 5.23 0.00	149.14 5.36 0.00	138.15 4.90 0.00	142.29 4.95 0.00	131.75 4.42 0.00	110.66 3.35 0.00	107.95 3.21 0.00
INDECK___OLEAN 23982	91.05 -6.68 4.34	100.08 -8.05 6.39	90.52 -8.88 5.78	98.44 -9.44 9.40	104.35 -9.31 8.08	98.85 -9.63 10.70	104.04 -11.21 5.72	68.38 -7.99 5.12	73.72 -9.28 10.87	48.12 -10.14 46.54	79.25 -12.92 40.50	95.36 -11.18 17.09	103.80 -10.60 4.83	100.78 -9.61 4.65	66.53 -10.37 44.01	42.04 -10.00 77.35	44.01 -10.66 93.65	14.54 -10.61 114.34	23.77 -11.51 108.50	-5.21 -9.94 128.53	-6.60 -10.57 133.37	19.09 -9.78 98.46	76.75 -7.56 23.01	72.69 -7.38 24.67
INDECK___OSWEGO 23783	97.45 -4.62 0.00	109.10 -5.42 0.00	100.09 -5.09 0.00	111.68 -5.60 0.00	115.85 -5.89 0.00	113.39 -5.78 0.00	115.09 -5.88 0.00	77.40 -4.08 0.00	89.35 -4.53 0.00	99.79 -5.01 0.00	126.29 -6.38 0.00	117.65 -5.97 0.00	113.28 -5.95 0.00	109.33 -5.71 0.00	115.01 -5.90 0.00	123.33 -6.07 0.00	141.45 -6.88 0.00	133.16 -6.33 0.00	137.33 -6.45 0.00	127.35 -5.90 0.00	131.17 -6.17 0.00	121.46 -5.87 0.00	102.36 -4.95 0.00	99.83 -4.91 0.00
INDECK___YERKES 23781	90.51 -8.63 2.93	100.03 -10.17 4.31	90.13 -11.15 3.90	98.78 -12.16 6.35	103.63 -12.65 5.46	99.49 -12.46 7.22	102.06 -15.05 3.86	66.35 -11.67 3.46	73.35 -13.19 7.34	59.56 -13.81 31.42	87.62 -17.69 27.34	95.21 -16.88 11.54	99.71 -16.25 3.26	96.76 -15.14 3.14	75.17 -16.03 29.72	60.93 -16.23 52.23	67.01 -18.08 63.24	45.40 -16.89 77.21	52.39 -18.13 73.26	30.43 -16.05 86.78	31.07 -16.22 90.05	46.06 -14.78 66.48	80.68 -11.09 15.54	77.12 -10.97 16.66
INDIAN POINT_GT_1 24139	105.43 3.36 0.00	118.18 3.67 0.00	108.47 3.28 0.00	120.60 3.32 0.00	125.37 3.63 0.00	122.83 3.65 0.00	125.03 4.06 0.00	84.73 3.25 0.00	97.65 3.78 0.00	108.58 3.79 0.00	137.64 4.99 0.00	128.69 5.06 0.00	124.10 4.88 0.00	119.44 4.40 0.00	125.33 4.41 0.00	134.07 4.68 0.00	153.98 5.65 0.00	144.70 5.21 0.00	149.24 5.45 0.00	138.34 5.09 0.00	142.18 4.84 0.00	131.78 4.45 0.00	110.38 3.07 0.00	107.70 2.96 0.00
INDIAN POINT_GT_2 23659	105.43 3.36 0.00	118.18 3.67 0.00	108.47 3.28 0.00	120.60 3.32 0.00	125.37 3.63 0.00	122.83 3.65 0.00	125.03 4.06 0.00	84.73 3.25 0.00	97.65 3.78 0.00	108.58 3.79 0.00	137.64 4.99 0.00	128.69 5.06 0.00	124.10 4.88 0.00	119.44 4.40 0.00	125.33 4.41 0.00	134.07 4.68 0.00	153.98 5.65 0.00	144.70 5.21 0.00	149.24 5.45 0.00	138.34 5.09 0.00	142.18 4.84 0.00	131.78 4.45 0.00	110.38 3.07 0.00	107.70 2.96 0.00
INDIAN POINT_GT_3 24019	105.43 3.36 0.00	118.18 3.67 0.00	108.47 3.28 0.00	120.60 3.32 0.00	125.37 3.63 0.00	122.83 3.65 0.00	125.03 4.06 0.00	84.73 3.25 0.00	97.65 3.78 0.00	108.58 3.79 0.00	137.64 4.99 0.00	128.69 5.06 0.00	124.10 4.88 0.00	119.44 4.40 0.00	125.33 4.41 0.00	134.07 4.68 0.00	153.98 5.65 0.00	144.70 5.21 0.00	149.24 5.45 0.00	138.34 5.09 0.00	142.18 4.84 0.00	131.78 4.45 0.00	110.38 3.07 0.00	107.70 2.96 0.00
INDIAN POINT___2 23530	105.23 3.16 0.00	117.97 3.46 0.00	108.27 3.09 0.00	120.38 3.10 0.00	125.13 3.39 0.00	122.58 3.40 0.00	124.79 3.82 0.00	84.57 3.09 0.00	97.47 3.59 0.00	108.34 3.55 0.00	137.34 4.68 0.00	128.42 4.80 0.00	123.84 4.62 0.00	119.20 4.16 0.00	125.05 4.14 0.00	133.81 4.42 0.00	153.67 5.34 0.00	144.41 4.92 0.00	148.89 5.11 0.00	138.05 4.80 0.00	141.89 4.55 0.00	131.53 4.20 0.00	110.16 2.84 0.00	107.48 2.74 0.00
INDIAN POINT___3 23531	105.23 3.16 0.00	117.98 3.46 0.00	108.29 3.10 0.00	120.39 3.11 0.00	125.15 3.40 0.00	122.61 3.43 0.00	124.82 3.85 0.00	84.58 3.10 0.00	97.47 3.59 0.00	108.35 3.56 0.00	137.38 4.72 0.00	128.43 4.81 0.00	123.87 4.64 0.00	119.21 4.17 0.00	125.07 4.15 0.00	133.82 4.42 0.00	153.67 5.34 0.00	144.40 4.91 0.00	148.91 5.13 0.00	138.06 4.81 0.00	141.90 4.56 0.00	131.52 4.20 0.00	110.19 2.88 0.00	107.49 2.76 0.00
INGHAM_C_115KV_TB7 356103	109.17 7.10 0.00	122.98 8.46 0.00	112.79 7.60 0.00	125.78 8.49 0.00	130.72 8.97 0.00	127.91 8.73 0.00	129.79 8.82 0.00	87.73 6.25 0.00	100.98 7.10 0.00	111.64 6.85 0.00	141.13 8.47 0.00	132.11 8.48 0.00	127.42 8.19 0.00	123.06 8.02 0.00	129.97 9.05 0.00	138.99 9.60 0.00	159.83 11.50 0.00	150.61 11.11 0.00	155.18 11.39 0.00	143.67 10.42 0.00	147.91 10.56 0.00	136.74 9.41 0.00	114.56 7.24 0.00	111.77 7.03 0.00
IP CORINTH___1 23988	109.07 7.00 0.00	122.74 8.23 0.00	112.65 7.47 0.00	125.59 8.31 0.00	130.40 8.66 0.00	127.90 8.72 0.00	130.18 9.21 0.00	88.04 6.56 0.00	101.43 7.56 0.00	112.90 8.11 0.00	143.18 10.52 0.00	133.26 9.64 0.00	128.73 9.51 0.00	124.38 9.34 0.00	130.82 9.90 0.00	140.43 11.03 0.00	161.23 12.90 0.00	151.39 11.89 0.00	156.02 12.24 0.00	144.33 11.07 0.00	148.19 10.85 0.00	137.53 10.19 0.00	115.30 7.98 0.00	112.51 7.77 0.00
IP___TICONDEROGA 23804	111.75 9.68 0.00	126.15 11.63 0.00	115.97 10.78 0.00	129.31 12.03 0.00	134.18 12.43 0.00	132.05 12.88 0.00	136.37 15.40 0.00	92.72 11.24 0.00	106.78 12.90 0.00	117.94 13.14 0.00	149.67 17.00 0.00	138.93 15.30 0.00	134.44 15.22 0.00	129.89 14.85 0.00	136.66 15.75 0.00	147.63 18.24 0.00	170.12 21.79 0.00	158.91 19.42 0.00	163.84 20.05 0.00	151.58 18.32 0.00	155.25 17.91 0.00	143.78 16.45 0.00	120.01 12.70 0.00	116.99 12.25 0.00
ISLIP_RES_REC 323679	109.92 7.86 0.00	122.72 8.20 0.00	112.51 7.33 0.00	124.89 7.61 0.00	148.73 8.66 -18.32	156.23 8.60 -28.45	190.39 9.02 -60.40	137.06 7.24 -48.33	195.14 8.22 -93.04	190.88 8.28 -77.80	142.45 8.97 -0.81	154.16 9.61 -20.92	234.36 9.62 -105.51	196.73 9.42 -72.27	246.74 9.57 -116.26	228.35 9.23 -89.73	220.84 11.12 -61.39	242.06 10.40 -92.17	260.71 10.61 -106.32	246.50 10.06 -103.19	219.90 9.55 -73.00	210.82 8.64 -74.85	121.01 6.21 -7.49	153.00 6.51 -41.75

JAMAICA__27_KV_LOAD 355505	105.86 3.79 0.00	118.40 3.88 0.00	108.62 3.44 0.00	121.54 4.26 0.00	126.25 4.51 0.00	123.59 4.42 0.00	126.03 5.06 0.00	85.58 4.10 0.00	98.73 4.85 0.00	109.81 5.01 0.00	138.98 6.32 0.00	130.16 6.53 0.00	125.14 5.91 0.00	120.30 5.26 0.00	126.09 5.17 0.00	135.15 5.76 0.00	155.29 6.96 0.00	145.92 6.43 0.00	150.53 6.75 0.00	139.73 6.48 0.00	143.23 5.89 0.00	133.04 5.71 0.00	111.81 4.50 0.00	109.01 4.26 0.00
JANIS__SOLAR 323808	105.70 2.67 -0.96	118.80 2.87 -1.42	108.77 2.31 -1.28	122.18 2.82 -2.08	126.24 2.71 -1.79	124.16 2.61 -2.37	124.61 2.38 -1.27	83.99 1.37 -1.13	98.27 1.99 -2.41	117.58 2.47 -10.31	144.80 3.17 -8.97	130.22 2.81 -3.79	122.29 2.00 -1.07	118.61 2.54 -1.03	134.06 3.38 -9.76	150.89 4.35 -17.15	174.81 5.72 -20.76	170.82 5.98 -25.34	173.97 6.14 -24.05	167.50 5.76 -28.49	172.01 5.11 -29.56	153.44 4.29 -21.82	115.27 2.85 -5.10	113.00 2.79 -5.47
JARVIS____ 23743	102.41 0.35 0.00	114.97 0.46 0.00	105.61 0.42 0.00	117.75 0.47 0.00	122.24 0.50 0.00	119.66 0.49 0.00	121.52 0.55 0.00	81.82 0.34 0.00	94.30 0.42 0.00	105.21 0.42 0.00	133.13 0.47 0.00	124.09 0.46 0.00	119.68 0.45 0.00	115.39 0.35 0.00	121.35 0.44 0.00	129.91 0.52 0.00	148.92 0.59 0.00	140.04 0.55 0.00	144.38 0.60 0.00	133.79 0.54 0.00	137.90 0.57 0.00	127.87 0.54 0.00	107.73 0.41 0.00	105.16 0.42 0.00
JENNISON____1 23625	105.54 3.48 0.00	118.21 3.69 0.00	107.94 2.76 0.00	120.88 3.60 0.00	125.13 3.38 0.00	122.43 3.26 0.00	123.58 2.61 0.00	82.76 1.28 0.00	95.61 1.73 0.00	106.48 1.69 0.00	135.39 2.73 0.00	126.14 2.52 0.00	121.38 2.15 0.00	117.27 2.23 0.00	123.87 2.95 0.00	133.23 3.84 0.00	153.07 4.74 0.00	144.66 5.16 0.00	149.73 5.95 0.00	138.78 5.52 0.00	142.19 4.85 0.00	131.36 4.03 0.00	109.86 2.55 0.00	107.90 3.16 0.00
JENNISON____2 23626	105.54 3.48 0.00	118.21 3.69 0.00	107.94 2.76 0.00	120.88 3.60 0.00	125.13 3.38 0.00	122.43 3.26 0.00	123.58 2.61 0.00	82.76 1.28 0.00	95.61 1.73 0.00	106.48 1.69 0.00	135.39 2.73 0.00	126.14 2.52 0.00	121.38 2.15 0.00	117.27 2.23 0.00	123.87 2.95 0.00	133.23 3.84 0.00	153.07 4.74 0.00	144.66 5.16 0.00	149.73 5.95 0.00	138.78 5.52 0.00	142.19 4.85 0.00	131.36 4.03 0.00	109.86 2.55 0.00	107.90 3.16 0.00
JERICOHO_RISE_WT_PWR 323719	103.36 1.29 0.00	115.87 1.36 0.00	106.71 1.53 0.00	118.99 1.71 0.00	123.88 2.14 0.00	121.41 2.24 0.00	123.47 2.50 0.00	83.27 1.79 0.00	95.73 1.86 0.00	106.70 1.91 0.00	135.41 2.75 0.00	126.09 2.47 0.00	121.20 1.97 0.00	117.14 2.10 0.00	123.16 2.25 0.00	131.61 2.21 0.00	150.05 1.72 0.00	140.37 0.87 0.00	144.63 0.85 0.00	134.72 1.47 0.00	139.02 1.68 0.00	129.09 1.76 0.00	109.08 1.77 0.00	106.29 1.55 0.00
KATONAH__115KV_46KV_TB4 355592	106.47 4.41 0.00	119.36 4.85 0.00	109.51 4.33 0.00	121.79 4.51 0.00	126.61 4.86 0.00	124.05 4.88 0.00	126.31 5.34 0.00	85.60 4.12 0.00	98.66 4.78 0.00	109.78 4.98 0.00	139.20 6.54 0.00	130.09 6.47 0.00	125.43 6.20 0.00	120.73 5.69 0.00	126.65 5.73 0.00	135.48 6.08 0.00	155.55 7.22 0.00	146.22 6.72 0.00	150.79 7.01 0.00	139.73 6.47 0.00	143.65 6.31 0.00	133.06 5.72 0.00	111.45 4.14 0.00	108.74 4.00 0.00
KCE_NY_1 323755	107.81 5.74 0.00	121.35 6.83 0.00	111.21 6.02 0.00	124.11 6.83 0.00	128.88 7.13 0.00	126.30 7.13 0.00	128.38 7.42 0.00	86.69 5.21 0.00	99.74 5.86 0.00	111.16 6.37 0.00	141.00 8.34 0.00	131.36 7.74 0.00	126.86 7.63 0.00	122.39 7.35 0.00	128.67 7.75 0.00	137.88 8.48 0.00	158.11 9.78 0.00	148.73 9.24 0.00	153.27 9.49 0.00	141.74 8.49 0.00	146.01 8.67 0.00	135.29 7.96 0.00	113.67 6.36 0.00	110.92 6.18 0.00
KCE_NY_6_ESR 323823	91.56 -7.21 3.29	100.90 -8.77 4.84	90.91 -9.89 4.38	99.47 -10.69 7.13	104.68 -10.93 6.13	100.11 -10.95 8.11	103.40 -13.23 4.33	67.40 -10.20 3.88	74.17 -11.47 8.24	57.56 -11.95 35.28	86.73 -15.23 30.70	96.40 -14.26 12.96	101.77 -13.80 3.66	98.71 -12.80 3.53	73.99 -13.55 33.37	57.22 -13.53 58.65	62.70 -14.62 71.01	39.01 -13.79 86.69	46.51 -15.01 82.26	22.64 -13.17 97.45	22.96 -13.25 101.12	40.35 -12.33 74.65	80.59 -9.28 17.44	76.88 -9.15 18.70
KEDC_PORT_JEFF_GT2 24210	109.37 7.30 0.00	122.15 7.63 0.00	112.00 6.81 0.00	124.34 7.05 0.00	153.95 8.10 -24.10	164.71 8.10 -37.43	208.87 8.45 -79.45	151.88 6.82 -63.58	223.32 7.77 -121.67	209.71 7.71 -97.21	141.61 8.15 -0.80	158.49 8.86 -26.01	260.10 9.04 -131.84	214.18 8.85 -90.30	275.19 9.00 -145.27	249.69 8.50 -111.80	233.93 10.14 -75.46	263.29 9.49 -114.31	285.28 9.69 -131.81	270.79 9.22 -128.31	236.44 8.70 -90.41	228.29 7.90 -93.07	120.91 5.51 -8.08	162.83 5.93 -52.16
KEDC_PORT_JEFF_GT3 24211	109.37 7.30 0.00	122.15 7.63 0.00	112.00 6.81 0.00	124.34 7.05 0.00	153.95 8.10 -24.10	164.71 8.10 -37.43	208.87 8.45 -79.45	151.88 6.82 -63.58	223.32 7.77 -121.67	209.71 7.71 -97.21	141.61 8.15 -0.80	158.49 8.86 -26.01	260.10 9.04 -131.84	214.18 8.85 -90.30	275.19 9.00 -145.27	249.69 8.50 -111.80	233.93 10.14 -75.46	263.29 9.49 -114.31	285.28 9.69 -131.81	270.79 9.22 -128.31	236.44 8.70 -90.41	228.29 7.90 -93.07	120.91 5.51 -8.08	162.83 5.93 -52.16
KEDC_GLWD_GT4 24219	107.21 5.15 0.00	120.04 5.52 0.00	110.13 4.94 0.00	122.27 4.99 0.00	127.28 5.53 0.00	124.66 5.49 0.00	126.92 5.95 0.00	86.30 4.81 0.00	99.44 5.56 0.00	110.43 5.64 0.00	139.65 6.99 0.00	130.85 7.22 0.00	126.26 7.04 0.00	121.71 6.67 0.00	127.61 6.69 0.00	136.13 6.73 0.00	156.52 8.19 0.00	147.08 7.59 0.00	151.61 7.83 0.00	140.61 7.36 0.00	144.31 6.97 0.00	133.68 6.35 0.00	111.67 4.36 0.00	109.12 4.38 0.00
KEDC_GLWD_GT5 24220	107.21 5.15 0.00	120.04 5.52 0.00	110.13 4.94 0.00	122.27 4.99 0.00	127.28 5.53 0.00	124.66 5.49 0.00	126.92 5.95 0.00	86.30 4.81 0.00	99.44 5.56 0.00	110.43 5.64 0.00	139.65 6.99 0.00	130.85 7.22 0.00	126.26 7.04 0.00	121.71 6.67 0.00	127.61 6.69 0.00	136.13 6.73 0.00	156.52 8.19 0.00	147.08 7.59 0.00	151.61 7.83 0.00	140.61 7.36 0.00	144.31 6.97 0.00	133.68 6.35 0.00	111.67 4.36 0.00	109.12 4.38 0.00
KENSICO____ 23655	105.88 3.81 0.00	118.66 4.15 0.00	108.87 3.69 0.00	121.06 3.78 0.00	125.83 4.08 0.00	123.28 4.10 0.00	125.50 4.53 0.00	85.08 3.59 0.00	98.06 4.18 0.00	109.06 4.27 0.00	138.24 5.58 0.00	129.25 5.63 0.00	124.64 5.42 0.00	119.94 4.90 0.00	125.88 4.97 0.00	134.60 5.21 0.00	154.56 6.23 0.00	145.25 5.76 0.00	149.80 6.02 0.00	138.88 5.62 0.00	142.71 5.37 0.00	132.28 4.95 0.00	110.79 3.48 0.00	108.11 3.36 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	106.73 4.67 0.00	119.60 5.09 0.00	109.75 4.56 0.00	122.07 4.79 0.00	126.96 5.22 0.00	124.47 5.29 0.00	126.80 5.84 0.00	85.88 4.40 0.00	99.06 5.19 0.00	110.30 5.51 0.00	139.86 7.20 0.00	130.76 7.14 0.00	125.99 6.77 0.00	121.36 6.32 0.00	127.17 6.25 0.00	135.86 6.46 0.00	156.53 8.20 0.00	147.17 7.67 0.00	151.66 7.88 0.00	140.53 7.28 0.00	144.40 7.06 0.00	133.72 6.39 0.00	111.92 4.61 0.00	109.05 4.31 0.00

KIAC_JFK_GT1 23816	104.77 2.70 0.00	117.40 2.89 0.00	107.72 2.54 0.00	120.53 3.25 0.00	125.18 3.43 0.00	122.42 3.24 0.00	124.82 3.85 0.00	84.80 3.31 0.00	97.81 3.93 0.00	108.76 3.96 0.00	137.65 4.99 0.00	128.91 5.29 0.00	124.00 4.77 0.00	119.16 4.12 0.00	124.92 4.01 0.00	133.86 4.47 0.00	153.76 5.44 0.00	144.49 5.00 0.00	149.02 5.24 0.00	138.37 5.11 0.00	141.84 4.50 0.00	131.71 4.38 0.00	110.71 3.40 0.00	107.95 3.21 0.00
KIAC_JFK_GT2 23817	104.77 2.70 0.00	117.40 2.89 0.00	107.72 2.54 0.00	120.53 3.25 0.00	125.18 3.43 0.00	122.42 3.24 0.00	124.82 3.85 0.00	84.80 3.31 0.00	97.81 3.93 0.00	108.76 3.96 0.00	137.65 4.99 0.00	128.91 5.29 0.00	124.00 4.77 0.00	119.16 4.12 0.00	124.92 4.01 0.00	133.86 4.47 0.00	153.76 5.44 0.00	144.49 5.00 0.00	149.02 5.24 0.00	138.37 5.11 0.00	141.84 4.50 0.00	131.71 4.38 0.00	110.71 3.40 0.00	107.95 3.21 0.00
KIAC_JFK____ 323774	104.78 2.72 0.00	117.40 2.89 0.00	107.71 2.53 0.00	120.55 3.27 0.00	125.17 3.43 0.00	122.40 3.22 0.00	124.79 3.82 0.00	84.78 3.30 0.00	97.80 3.92 0.00	108.75 3.96 0.00	137.62 4.96 0.00	128.88 5.26 0.00	123.97 4.74 0.00	119.16 4.12 0.00	124.88 3.97 0.00	133.86 4.46 0.00	153.72 5.40 0.00	144.46 4.96 0.00	148.97 5.19 0.00	138.33 5.08 0.00	141.82 4.48 0.00	131.68 4.35 0.00	110.68 3.36 0.00	107.92 3.18 0.00
KINTIGH__24_KV_GSU 356498	91.48 -8.24 2.35	101.37 -9.68 3.46	91.68 -10.36 3.14	100.85 -11.33 5.10	105.61 -11.75 4.38	101.78 -11.60 5.80	104.35 -13.52 3.10	68.46 -10.25 2.78	76.28 -11.70 5.90	67.14 -12.42 25.23	94.85 -15.86 21.96	99.22 -15.13 9.27	102.11 -14.50 2.62	98.98 -13.54 2.52	82.74 -14.31 23.87	72.85 -14.60 41.94	81.44 -16.11 50.78	62.43 -15.06 62.00	68.89 -16.06 58.83	49.24 -14.32 69.69	50.45 -14.57 72.32	60.55 -13.39 53.39	84.68 -10.16 12.48	81.31 -10.05 13.38
KINTIGH____ 23543	93.73 -8.33 0.00	104.74 -9.78 0.00	94.73 -10.46 0.00	105.82 -11.46 0.00	109.89 -11.86 0.00	107.35 -11.83 0.00	107.32 -13.65 0.00	71.15 -10.33 0.00	82.08 -11.80 0.00	92.20 -12.59 0.00	116.60 -16.06 0.00	108.28 -15.34 0.00	104.58 -14.65 0.00	101.38 -13.66 0.00	106.45 -14.47 0.00	114.55 -14.84 0.00	131.86 -16.47 0.00	124.13 -15.36 0.00	127.37 -16.41 0.00	118.61 -14.64 0.00	122.46 -14.88 0.00	113.65 -13.68 0.00	96.97 -10.34 0.00	94.57 -10.18 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	105.43 3.36 0.00	118.15 3.63 0.00	108.75 3.56 0.00	121.12 3.84 0.00	126.56 4.81 0.00	124.07 4.90 0.00	126.29 5.32 0.00	85.08 3.60 0.00	97.65 3.78 0.00	108.77 3.98 0.00	138.28 5.62 0.00	129.16 5.54 0.00	124.18 4.96 0.00	119.68 4.64 0.00	125.59 4.68 0.00	134.85 5.46 0.00	154.09 5.76 0.00	144.32 4.82 0.00	148.63 4.85 0.00	138.21 4.95 0.00	142.29 4.95 0.00	132.00 4.67 0.00	111.00 3.69 0.00	107.53 2.78 0.00
LACHUTE____HYDRO 323717	111.75 9.68 0.00	126.15 11.63 0.00	115.97 10.79 0.00	129.31 12.03 0.00	134.18 12.43 0.00	132.05 12.87 0.00	136.36 15.39 0.00	92.72 11.24 0.00	106.78 12.90 0.00	117.94 13.14 0.00	149.68 17.02 0.00	138.93 15.30 0.00	134.44 15.22 0.00	129.90 14.86 0.00	136.66 15.75 0.00	147.64 18.25 0.00	170.13 21.81 0.00	158.92 19.43 0.00	163.83 20.05 0.00	151.58 18.32 0.00	155.25 17.91 0.00	143.79 16.46 0.00	120.01 12.69 0.00	116.99 12.25 0.00
LAWRNCALV_115KV_TB1 80681	103.86 1.79 0.00	116.70 2.18 0.00	107.68 2.49 0.00	119.87 2.59 0.00	123.91 2.16 0.00	120.62 1.45 0.00	122.35 1.38 0.00	82.37 0.89 0.00	94.98 1.10 0.00	106.44 1.64 0.00	134.96 2.29 0.00	125.49 1.86 0.00	120.68 1.45 0.00	116.55 1.51 0.00	122.76 1.85 0.00	131.13 1.73 0.00	149.07 0.74 0.00	140.38 0.88 0.00	144.82 1.04 0.00	134.35 1.10 0.00	138.61 1.27 0.00	128.70 1.37 0.00	109.57 2.25 0.00	107.05 2.30 0.00
LEDERLE____ 23769	105.39 3.32 0.00	118.17 3.66 0.00	108.46 3.28 0.00	120.53 3.25 0.00	125.37 3.63 0.00	122.83 3.65 0.00	125.05 4.08 0.00	84.74 3.26 0.00	97.66 3.78 0.00	108.55 3.76 0.00	137.59 4.93 0.00	128.66 5.03 0.00	124.09 4.87 0.00	119.44 4.40 0.00	125.32 4.40 0.00	134.15 4.75 0.00	154.13 5.80 0.00	144.84 5.35 0.00	149.37 5.58 0.00	138.46 5.21 0.00	142.36 5.02 0.00	131.95 4.62 0.00	110.47 3.16 0.00	107.71 2.97 0.00
LIGHTHSE_115KV_TB6 355974	99.45 -2.62 0.00	111.22 -3.29 0.00	102.34 -2.84 0.00	114.19 -3.09 0.00	118.14 -3.60 0.00	115.40 -3.78 0.00	117.55 -3.41 0.00	78.77 -2.71 0.00	91.32 -2.56 0.00	102.20 -2.59 0.00	129.25 -3.41 0.00	120.34 -3.28 0.00	115.58 -3.65 0.00	111.35 -3.69 0.00	117.62 -3.29 0.00	126.36 -3.04 0.00	144.31 -4.01 0.00	136.30 -3.20 0.00	141.07 -2.71 0.00	130.99 -2.26 0.00	135.20 -2.14 0.00	125.22 -2.11 0.00	105.76 -1.56 0.00	103.08 -1.66 0.00
LINDEN COGEN____ 23786	105.51 3.45 0.00	118.20 3.69 0.00	108.47 3.28 0.00	120.44 3.16 0.00	125.16 3.42 0.00	122.60 3.42 0.00	124.84 3.87 0.00	84.68 3.20 0.00	97.66 3.78 0.00	108.57 3.78 0.00	116.69 4.97 20.94	106.34 5.09 22.37	124.07 4.85 0.01	119.29 4.25 0.01	125.18 4.26 0.00	133.95 4.55 0.00	153.76 5.43 0.00	144.49 5.00 0.00	149.02 5.23 0.00	138.18 4.93 0.00	141.94 4.60 0.00	131.60 4.26 0.00	110.21 2.89 0.00	107.45 2.71 0.00
LINDHRST_69_KV_BK1 356055	109.39 7.32 0.00	122.22 7.71 0.00	112.12 6.94 0.00	124.29 7.01 0.00	130.76 7.71 -1.31	128.89 7.68 -2.04	133.37 8.07 -4.33	91.45 6.51 -3.46	108.14 7.60 -6.67	118.02 7.66 -5.57	141.63 8.78 -0.19	134.47 9.27 -1.58	135.74 8.96 -7.56	128.94 8.72 -5.18	138.06 8.81 -8.33	144.84 8.82 -6.62	164.35 10.87 -5.16	156.66 10.04 -7.12	162.33 10.29 -8.26	150.73 9.70 -7.78	152.37 9.31 -5.72	141.35 8.37 -5.64	114.67 6.04 -1.31	113.77 6.04 -2.99
LIPA_MISC_IPP 23656	109.22 7.15 0.00	122.01 7.50 0.00	111.91 6.73 0.00	124.35 7.07 0.00	151.84 8.33 -21.77	161.39 8.41 -33.81	201.40 8.67 -71.77	145.77 6.85 -57.43	212.00 7.82 -110.31	203.24 7.79 -90.66	141.48 7.83 -0.99	156.80 8.77 -24.40	251.46 9.29 -122.95	208.25 9.00 -84.21	265.54 9.15 -135.47	242.58 8.56 -104.62	230.06 9.94 -71.79	256.30 9.23 -107.58	277.26 9.36 -124.11	262.54 8.91 -120.37	231.07 8.49 -85.23	222.34 7.70 -87.32	121.62 5.33 -8.98	159.27 5.89 -48.65
LISF____SOLAR 323691	109.49 7.43 0.00	122.29 7.77 0.00	112.13 6.94 0.00	124.61 7.33 0.00	151.89 8.62 -21.53	161.20 8.59 -33.43	200.82 8.88 -70.97	145.34 7.06 -56.79	211.06 8.05 -109.13	202.79 7.98 -90.01	141.70 8.09 -0.96	156.86 9.02 -24.21	250.83 9.53 -122.07	207.87 9.22 -83.61	264.81 9.39 -134.50	242.08 8.85 -103.84	229.73 10.28 -71.12	255.74 9.54 -106.70	276.56 9.69 -123.09	261.89 9.20 -119.43	230.57 8.71 -84.52	221.91 7.94 -86.64	121.64 5.56 -8.76	159.18 6.14 -48.30
LITTLE FALLS____HYD 24013	109.17 7.10 0.00	122.98 8.46 0.00	112.79 7.60 0.00	125.78 8.49 0.00	130.72 8.97 0.00	127.91 8.73 0.00	129.79 8.82 0.00	87.73 6.25 0.00	100.98 7.10 0.00	111.64 6.85 0.00	141.13 8.47 0.00	132.11 8.48 0.00	127.42 8.19 0.00	123.06 8.02 0.00	129.97 9.05 0.00	138.99 9.60 0.00	159.83 11.50 0.00	150.61 11.11 0.00	155.18 11.39 0.00	143.67 10.42 0.00	147.91 10.56 0.00	136.74 9.41 0.00	114.56 7.24 0.00	111.77 7.03 0.00

LITTLRIV_115KV_TB1 356100	105.11 3.05 0.00	118.22 3.71 0.00	109.07 3.89 0.00	121.38 4.09 0.00	125.30 3.56 0.00	121.86 2.69 0.00	123.62 2.65 0.00	83.28 1.79 0.00	96.06 2.18 0.00	107.67 2.88 0.00	136.42 3.77 0.00	126.75 3.12 0.00	121.87 2.64 0.00	117.80 2.76 0.00	124.09 3.17 0.00	132.51 3.11 0.00	150.84 2.51 0.00	142.12 2.63 0.00	146.59 2.81 0.00	135.98 2.72 0.00	140.23 2.89 0.00	130.19 2.86 0.00	110.78 3.47 0.00	108.16 3.42 0.00
LI_NEWBRDGE___DRP 323616	107.14 5.07 0.00	119.85 5.34 0.00	110.02 4.84 0.00	122.03 4.75 0.00	127.17 5.43 0.00	124.66 5.49 0.00	126.78 5.82 0.00	86.40 4.92 0.00	99.52 5.65 0.00	110.33 5.54 0.00	138.81 6.15 0.00	130.35 6.73 0.00	125.91 6.68 0.00	121.55 6.51 0.00	127.41 6.49 0.00	135.59 6.20 0.00	155.86 7.54 0.00	146.45 6.95 0.00	150.90 7.11 0.00	140.10 6.85 0.00	143.63 6.28 0.00	133.02 5.69 0.00	111.08 3.76 0.00	108.75 4.00 0.00
LOCKPORT_115KV_TB60_63_64 80432	93.03 -9.03 0.00	103.84 -10.67 0.00	93.56 -11.62 0.00	104.64 -12.64 0.00	108.59 -13.15 0.00	106.06 -13.11 0.00	104.93 -16.04 0.00	69.07 -12.41 0.00	79.78 -14.10 0.00	89.85 -14.95 0.00	113.53 -19.13 0.00	105.28 -18.34 0.00	101.65 -17.58 0.00	98.62 -16.43 0.00	103.61 -17.31 0.00	111.62 -17.78 0.00	128.53 -19.80 0.00	121.11 -18.38 0.00	124.09 -19.69 0.00	115.69 -17.56 0.00	119.67 -17.67 0.00	111.17 -16.16 0.00	95.25 -12.07 0.00	92.85 -11.90 0.00
LOCKPORT___CC1 323769	89.91 -9.52 2.64	99.44 -11.19 3.88	89.61 -12.06 3.51	98.42 -13.14 5.72	103.16 -13.67 4.91	99.19 -13.48 6.50	101.10 -16.39 3.47	65.74 -12.63 3.11	72.92 -14.35 6.61	61.35 -15.16 28.29	88.65 -19.40 24.61	94.69 -18.55 10.39	98.44 -17.85 2.94	95.52 -16.69 2.83	76.55 -17.61 26.75	64.37 -18.01 47.02	71.43 -19.97 56.93	51.32 -18.68 69.50	57.93 -19.90 65.95	37.43 -17.71 78.12	38.41 -17.86 81.07	51.11 -16.37 59.85	80.99 -12.34 13.98	77.55 -12.20 14.99
LOCKPORT___CC2 323770	89.91 -9.52 2.64	99.44 -11.19 3.88	89.61 -12.06 3.51	98.42 -13.14 5.72	103.16 -13.67 4.91	99.19 -13.48 6.50	101.10 -16.39 3.47	65.74 -12.63 3.11	72.92 -14.35 6.61	61.35 -15.16 28.29	88.65 -19.40 24.61	94.69 -18.55 10.39	98.44 -17.85 2.94	95.52 -16.69 2.83	76.55 -17.61 26.75	64.37 -18.01 47.02	71.43 -19.97 56.93	51.32 -18.68 69.50	57.93 -19.90 65.95	37.43 -17.71 78.12	38.41 -17.86 81.07	51.11 -16.37 59.85	80.99 -12.34 13.98	77.55 -12.20 14.99
LOCKPORT___CC3 323771	89.91 -9.52 2.64	99.44 -11.19 3.88	89.61 -12.06 3.51	98.42 -13.14 5.72	103.16 -13.67 4.91	99.19 -13.48 6.50	101.10 -16.39 3.47	65.74 -12.63 3.11	72.92 -14.35 6.61	61.35 -15.16 28.29	88.65 -19.40 24.61	94.69 -18.55 10.39	98.44 -17.85 2.94	95.52 -16.69 2.83	76.55 -17.61 26.75	64.37 -18.01 47.02	71.43 -19.97 56.93	51.32 -18.68 69.50	57.93 -19.90 65.95	37.43 -17.71 78.12	38.41 -17.86 81.07	51.11 -16.37 59.85	80.99 -12.34 13.98	77.55 -12.20 14.99
LOCUSVLY_69_KV_BK2 55797	107.89 5.83 0.00	120.70 6.19 0.00	110.74 5.56 0.00	122.89 5.61 0.00	127.96 6.22 0.00	125.46 6.29 0.00	127.62 6.66 0.00	86.89 5.41 0.00	100.13 6.25 0.00	111.13 6.33 0.00	139.91 7.46 0.21	131.28 7.77 0.13	126.82 7.59 0.00	122.43 7.39 0.00	128.37 7.45 0.00	136.40 7.32 0.31	155.90 8.80 1.23	146.85 8.19 0.84	151.21 8.46 1.03	140.59 7.95 0.62	144.11 7.57 0.80	133.69 6.82 0.45	110.77 4.71 1.25	109.58 4.84 0.00
LONG_LAKE_PHOENIX 24014	98.39 -3.67 0.00	110.19 -4.32 0.00	101.00 -4.19 0.00	112.64 -4.64 0.00	116.89 -4.85 0.00	114.44 -4.73 0.00	116.12 -4.85 0.00	78.15 -3.33 0.00	90.17 -3.71 0.00	100.70 -4.09 0.00	127.42 -5.24 0.00	118.72 -4.91 0.00	114.30 -4.93 0.00	110.25 -4.79 0.00	115.90 -5.02 0.00	124.27 -5.12 0.00	142.63 -5.70 0.00	134.25 -5.24 0.00	138.34 -5.45 0.00	128.25 -5.01 0.00	132.06 -5.28 0.00	122.23 -5.10 0.00	103.00 -4.32 0.00	100.46 -4.28 0.00
LOVETT___3 23632	104.85 2.78 0.00	117.54 3.03 0.00	107.93 2.74 0.00	119.94 2.66 0.00	124.72 2.98 0.00	122.17 3.00 0.00	124.38 3.41 0.00	84.28 2.80 0.00	97.11 3.23 0.00	107.96 3.17 0.00	136.85 4.19 0.00	127.97 4.34 0.00	123.40 4.17 0.00	118.77 3.73 0.00	124.65 3.74 0.00	133.38 3.99 0.00	153.19 4.86 0.00	143.93 4.43 0.00	148.42 4.64 0.00	137.57 4.32 0.00	141.47 4.13 0.00	131.13 3.80 0.00	109.83 2.51 0.00	107.14 2.40 0.00
LOVETT___4 23642	104.85 2.78 0.00	117.54 3.03 0.00	107.93 2.74 0.00	119.94 2.66 0.00	124.72 2.98 0.00	122.17 3.00 0.00	124.38 3.41 0.00	84.28 2.80 0.00	97.11 3.23 0.00	107.96 3.17 0.00	136.85 4.19 0.00	127.97 4.34 0.00	123.40 4.17 0.00	118.77 3.73 0.00	124.65 3.74 0.00	133.38 3.99 0.00	153.19 4.86 0.00	143.93 4.43 0.00	148.42 4.64 0.00	137.57 4.32 0.00	141.47 4.13 0.00	131.13 3.80 0.00	109.83 2.51 0.00	107.14 2.40 0.00
LOVETT___5 23593	104.85 2.78 0.00	117.54 3.03 0.00	107.93 2.74 0.00	119.94 2.66 0.00	124.72 2.98 0.00	122.17 3.00 0.00	124.38 3.41 0.00	84.28 2.80 0.00	97.11 3.23 0.00	107.96 3.17 0.00	136.85 4.19 0.00	127.97 4.34 0.00	123.40 4.17 0.00	118.77 3.73 0.00	124.65 3.74 0.00	133.38 3.99 0.00	153.19 4.86 0.00	143.93 4.43 0.00	148.42 4.64 0.00	137.57 4.32 0.00	141.47 4.13 0.00	131.13 3.80 0.00	109.83 2.51 0.00	107.14 2.40 0.00
LOWER RAQUET___HYD 24057	103.72 1.65 0.00	116.62 2.11 0.00	107.64 2.46 0.00	119.79 2.51 0.00	123.73 1.99 0.00	120.24 1.07 0.00	121.99 1.02 0.00	82.12 0.64 0.00	94.72 0.84 0.00	106.16 1.37 0.00	134.67 2.02 0.00	125.21 1.58 0.00	120.36 1.13 0.00	116.21 1.17 0.00	122.46 1.55 0.00	130.77 1.38 0.00	148.43 0.10 0.00	139.82 0.33 0.00	144.33 0.55 0.00	133.91 0.66 0.00	138.15 0.81 0.00	128.25 0.92 0.00	109.33 2.01 0.00	106.87 2.13 0.00
LOWER___HUDSON 24059	106.31 4.24 0.00	119.75 5.24 0.00	109.88 4.69 0.00	122.54 5.26 0.00	127.27 5.52 0.00	124.57 5.39 0.00	126.45 5.49 0.00	85.34 3.86 0.00	98.18 4.31 0.00	109.37 4.58 0.00	138.71 6.06 0.00	129.16 5.54 0.00	124.89 5.67 0.00	120.40 5.36 0.00	126.45 5.53 0.00	135.28 5.89 0.00	155.05 6.72 0.00	145.82 6.33 0.00	150.47 6.69 0.00	139.20 5.94 0.00	143.51 6.17 0.00	133.03 5.70 0.00	111.91 4.60 0.00	109.33 4.59 0.00
LOWVILLE_115KV_TB2 356335	102.04 -0.03 0.00	113.92 -0.59 0.00	105.69 0.51 0.00	117.97 0.69 0.00	121.47 -0.27 0.00	118.19 -0.99 0.00	121.69 0.72 0.00	81.29 -0.20 0.00	95.03 1.15 0.00	106.62 1.82 0.00	133.83 1.17 0.00	123.99 0.37 0.00	118.17 -1.05 0.00	113.50 -1.54 0.00	121.14 0.22 0.00	131.29 1.89 0.00	148.65 0.32 0.00	141.65 2.15 0.00	147.54 3.75 0.00	136.97 3.71 0.00	141.20 3.86 0.00	130.79 3.46 0.00	110.85 3.53 0.00	107.95 3.21 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	107.76 5.69 0.00	121.26 6.75 0.00	111.26 6.07 0.00	124.09 6.81 0.00	128.85 7.10 0.00	126.26 7.08 0.00	128.31 7.34 0.00	86.65 5.17 0.00	99.75 5.87 0.00	111.08 6.29 0.00	140.85 8.19 0.00	131.23 7.61 0.00	126.77 7.54 0.00	122.30 7.26 0.00	128.58 7.66 0.00	137.78 8.39 0.00	158.10 9.78 0.00	148.61 9.11 0.00	153.18 9.40 0.00	141.71 8.45 0.00	145.88 8.54 0.00	135.20 7.87 0.00	113.60 6.29 0.00	110.88 6.14 0.00

LUTHERNY_35_KV_BK2 355980	107.81 5.74 0.00	121.35 6.83 0.00	111.21 6.02 0.00	124.12 6.84 0.00	128.88 7.13 0.00	126.30 7.13 0.00	128.38 7.42 0.00	86.69 5.20 0.00	99.75 5.87 0.00	111.17 6.38 0.00	141.01 8.35 0.00	131.36 7.73 0.00	126.87 7.64 0.00	122.39 7.35 0.00	128.68 7.76 0.00	137.89 8.50 0.00	158.12 9.79 0.00	148.74 9.24 0.00	153.29 9.51 0.00	141.77 8.52 0.00	146.00 8.66 0.00	135.29 7.96 0.00	113.67 6.36 0.00	110.92 6.18 0.00
LWR___OSWEGATCHIE_HYD 23850	102.54 0.47 0.00	114.93 0.42 0.00	106.32 1.13 0.00	118.44 1.16 0.00	122.09 0.34 0.00	118.69 -0.48 0.00	121.24 0.27 0.00	81.32 -0.16 0.00	94.39 0.51 0.00	105.87 1.08 0.00	133.72 1.06 0.00	124.10 0.47 0.00	118.86 -0.37 0.00	114.53 -0.51 0.00	121.37 0.46 0.00	130.37 0.98 0.00	147.34 -0.99 0.00	139.57 0.07 0.00	144.72 0.93 0.00	134.36 1.10 0.00	138.59 1.25 0.00	128.57 1.24 0.00	109.67 2.35 0.00	107.03 2.29 0.00
LYONS_FALL_HYD 23570	103.00 0.93 0.00	115.16 0.64 0.00	106.44 1.25 0.00	118.78 1.50 0.00	122.70 0.95 0.00	119.74 0.56 0.00	122.65 1.68 0.00	82.22 0.74 0.00	95.67 1.79 0.00	107.08 2.29 0.00	134.87 2.21 0.00	125.23 1.61 0.00	119.82 0.60 0.00	115.30 0.26 0.00	122.35 1.44 0.00	132.06 2.66 0.00	150.27 1.95 0.00	142.51 3.01 0.00	147.82 4.03 0.00	137.08 3.82 0.00	141.24 3.90 0.00	130.77 3.44 0.00	110.47 3.16 0.00	107.62 2.88 0.00
MADISON___COUNTY_LFGE 323628	104.23 2.16 0.00	116.75 2.23 0.00	107.33 2.15 0.00	119.92 2.64 0.00	124.42 2.68 0.00	121.81 2.63 0.00	123.91 2.94 0.00	83.45 1.97 0.00	96.49 2.62 0.00	107.67 2.88 0.00	136.08 3.42 0.00	126.76 3.14 0.00	121.93 2.70 0.00	117.75 2.71 0.00	124.06 3.14 0.00	133.22 3.83 0.00	152.70 4.37 0.00	143.67 4.17 0.00	148.15 4.36 0.00	136.92 3.67 0.00	140.91 3.57 0.00	130.40 3.08 0.00	109.62 2.30 0.00	106.84 2.10 0.00
MALONE___115KV_TB1 356076	105.50 3.43 0.00	118.22 3.71 0.00	108.93 3.75 0.00	121.35 4.07 0.00	126.46 4.72 0.00	123.82 4.64 0.00	125.77 4.80 0.00	84.69 3.21 0.00	97.43 3.55 0.00	108.74 3.95 0.00	138.14 5.48 0.00	129.01 5.39 0.00	123.77 4.55 0.00	119.48 4.44 0.00	125.56 4.65 0.00	134.69 5.30 0.00	153.53 5.21 0.00	143.92 4.43 0.00	148.32 4.54 0.00	138.02 4.77 0.00	142.32 4.98 0.00	132.15 4.82 0.00	111.77 4.46 0.00	108.55 3.81 0.00
MAPLEWOD_115KV_TB3 80458	106.18 4.11 0.00	119.54 5.03 0.00	109.75 4.56 0.00	122.35 5.07 0.00	127.06 5.32 0.00	124.30 5.13 0.00	125.96 4.99 0.00	84.98 3.49 0.00	97.78 3.90 0.00	109.03 4.24 0.00	138.01 5.35 0.00	128.88 5.25 0.00	124.49 5.27 0.00	119.85 4.81 0.00	125.74 4.82 0.00	134.40 5.01 0.00	153.92 5.59 0.00	144.91 5.42 0.00	149.49 5.71 0.00	138.48 5.23 0.00	142.74 5.40 0.00	132.37 5.04 0.00	111.58 4.27 0.00	109.13 4.39 0.00
MAPLE_RIDGE_WT_1 323574	100.99 -1.08 0.00	113.33 -1.18 0.00	104.55 -0.64 0.00	116.83 -0.45 0.00	121.10 -0.65 0.00	118.40 -0.77 0.00	120.24 -0.72 0.00	80.68 -0.81 0.00	92.95 -0.93 0.00	103.83 -0.97 0.00	130.78 -1.88 0.00	121.65 -1.97 0.00	116.97 -2.25 0.00	112.63 -2.41 0.00	119.60 -1.31 0.00	128.77 -0.62 0.00	147.27 -1.06 0.00	138.94 -0.55 0.00	143.75 -0.03 0.00	133.51 0.26 0.00	137.63 0.29 0.00	127.68 0.35 0.00	107.74 0.43 0.00	105.16 0.42 0.00
MAPLE_RIDGE_WT_2 323611	100.99 -1.08 0.00	113.33 -1.18 0.00	104.55 -0.64 0.00	116.83 -0.45 0.00	121.10 -0.65 0.00	118.40 -0.77 0.00	120.24 -0.72 0.00	80.68 -0.81 0.00	92.95 -0.93 0.00	103.83 -0.97 0.00	130.78 -1.88 0.00	121.65 -1.97 0.00	116.97 -2.25 0.00	112.63 -2.41 0.00	119.60 -1.31 0.00	128.77 -0.62 0.00	147.27 -1.06 0.00	138.94 -0.55 0.00	143.75 -0.03 0.00	133.51 0.26 0.00	137.63 0.29 0.00	127.68 0.35 0.00	107.74 0.43 0.00	105.16 0.42 0.00
MARBLE_RIVER_WT_PWR 323696	103.36 1.29 0.00	115.89 1.38 0.00	106.72 1.53 0.00	118.96 1.68 0.00	123.80 2.06 0.00	121.33 2.16 0.00	123.41 2.44 0.00	83.25 1.77 0.00	95.70 1.82 0.00	106.62 1.83 0.00	135.35 2.69 0.00	126.06 2.44 0.00	121.21 1.98 0.00	117.11 2.07 0.00	123.11 2.19 0.00	131.59 2.19 0.00	150.06 1.73 0.00	140.40 0.91 0.00	144.63 0.85 0.00	134.68 1.42 0.00	138.96 1.62 0.00	128.98 1.66 0.00	108.92 1.60 0.00	106.12 1.38 0.00
MARSHVLE_115KV_TB1 80742	103.70 1.63 0.00	116.10 1.59 0.00	106.77 1.58 0.00	119.07 1.79 0.00	123.64 1.90 0.00	121.28 2.10 0.00	123.34 2.37 0.00	83.04 1.56 0.00	95.60 1.72 0.00	106.08 1.29 0.00	134.51 1.85 0.00	125.24 1.62 0.00	120.63 1.41 0.00	116.27 1.23 0.00	123.44 2.52 0.00	132.50 3.10 0.00	152.50 4.18 0.00	143.56 4.07 0.00	147.57 3.79 0.00	136.83 3.58 0.00	140.57 3.23 0.00	130.23 2.90 0.00	109.42 2.10 0.00	106.46 1.72 0.00
MARSH_HILL_WT_PWR 323713	96.99 -5.08 0.00	107.22 -7.29 0.00	96.65 -8.53 0.00	107.34 -9.94 0.00	112.40 -9.35 0.00	110.35 -8.82 0.00	110.67 -10.30 0.00	74.04 -7.45 0.00	86.03 -7.85 0.00	97.60 -7.20 0.00	122.88 -9.78 0.00	117.07 -6.55 0.00	112.76 -6.47 0.00	109.30 -5.74 0.00	114.58 -6.34 0.00	123.58 -5.81 0.00	142.53 -5.79 0.00	132.93 -6.57 0.00	135.20 -8.58 0.00	125.42 -7.83 0.00	129.94 -7.40 0.00	118.92 -8.41 0.00	100.37 -6.94 0.00	99.21 -5.53 0.00
MCINTYRE_115KV_TB2 80467	106.00 3.94 0.00	119.07 4.56 0.00	109.81 4.62 0.00	122.19 4.91 0.00	126.34 4.59 0.00	123.14 3.96 0.00	124.98 4.02 0.00	84.26 2.77 0.00	97.15 3.27 0.00	108.88 4.09 0.00	137.79 5.13 0.00	127.98 4.35 0.00	123.12 3.89 0.00	119.11 4.07 0.00	125.41 4.49 0.00	133.93 4.53 0.00	152.94 4.61 0.00	144.10 4.60 0.00	148.51 4.73 0.00	137.71 4.45 0.00	142.01 4.67 0.00	131.77 4.44 0.00	111.96 4.64 0.00	109.22 4.48 0.00
MECO_____69_KV_BK1 80468	106.77 4.70 0.00	119.57 5.06 0.00	109.82 4.63 0.00	122.43 5.15 0.00	127.18 5.44 0.00	124.74 5.56 0.00	126.85 5.88 0.00	85.57 4.09 0.00	98.49 4.61 0.00	109.44 4.64 0.00	138.37 5.71 0.00	129.15 5.53 0.00	124.54 5.31 0.00	120.19 5.15 0.00	127.44 6.52 0.00	136.70 7.31 0.00	157.34 9.02 0.00	148.15 8.66 0.00	152.30 8.52 0.00	141.07 7.82 0.00	144.93 7.59 0.00	134.17 6.84 0.00	112.65 5.33 0.00	109.60 4.86 0.00
MENANDS___115KV_TB5 355628	105.87 3.81 0.00	119.22 4.70 0.00	109.45 4.27 0.00	122.04 4.76 0.00	126.76 5.01 0.00	123.95 4.78 0.00	125.53 4.56 0.00	84.63 3.15 0.00	97.36 3.49 0.00	108.60 3.81 0.00	137.36 4.70 0.00	128.35 4.73 0.00	124.01 4.78 0.00	119.28 4.23 0.00	125.07 4.15 0.00	133.60 4.20 0.00	152.89 4.56 0.00	143.97 4.48 0.00	148.60 4.82 0.00	137.68 4.42 0.00	141.98 4.64 0.00	131.67 4.34 0.00	111.12 3.81 0.00	108.79 4.05 0.00
MG INDUSTRY___DRP 24185	105.50 3.44 0.00	118.73 4.22 0.00	109.09 3.90 0.00	121.65 4.37 0.00	126.35 4.61 0.00	123.60 4.42 0.00	125.21 4.25 0.00	84.33 2.85 0.00	96.94 3.06 0.00	108.03 3.23 0.00	136.68 4.02 0.00	127.58 3.96 0.00	123.21 3.99 0.00	118.59 3.55 0.00	124.28 3.36 0.00	132.98 3.59 0.00	152.50 4.17 0.00	143.47 3.98 0.00	148.04 4.26 0.00	137.13 3.87 0.00	141.39 4.05 0.00	131.15 3.82 0.00	110.60 3.28 0.00	108.26 3.52 0.00

MID___OSWEGATCHIE_HYD 23849	102.54 0.47 0.00	114.93 0.42 0.00	106.32 1.13 0.00	118.44 1.16 0.00	122.09 0.34 0.00	118.69 -0.48 0.00	121.24 0.27 0.00	81.32 -0.16 0.00	94.39 0.51 0.00	105.87 1.08 0.00	133.72 1.06 0.00	124.10 0.47 0.00	118.86 -0.37 0.00	114.53 -0.51 0.00	121.37 0.46 0.00	130.37 0.98 0.00	147.34 -0.99 0.00	139.57 0.07 0.00	144.72 0.93 0.00	134.36 1.10 0.00	138.59 1.25 0.00	128.57 1.24 0.00	109.67 2.35 0.00	107.03 2.29 0.00
MID___RAQUETTE_HYD 23851	103.72 1.66 0.00	116.63 2.12 0.00	107.64 2.46 0.00	119.81 2.53 0.00	123.73 1.99 0.00	120.27 1.10 0.00	121.99 1.02 0.00	82.12 0.64 0.00	94.73 0.85 0.00	106.18 1.39 0.00	134.68 2.02 0.00	125.21 1.58 0.00	120.36 1.13 0.00	116.21 1.17 0.00	122.46 1.55 0.00	130.77 1.38 0.00	148.43 0.10 0.00	139.83 0.34 0.00	144.33 0.55 0.00	133.92 0.67 0.00	138.14 0.80 0.00	128.26 0.93 0.00	109.34 2.02 0.00	106.87 2.13 0.00
MILLIKEN___1 23584	102.17 0.10 0.00	114.24 -0.28 0.00	104.59 -0.60 0.00	116.72 -0.56 0.00	121.40 -0.34 0.00	118.83 -0.34 0.00	120.45 -0.52 0.00	81.11 -0.38 0.00	93.80 -0.07 0.00	104.79 0.00 0.00	132.51 -0.15 0.00	123.38 -0.24 0.00	118.61 -0.62 0.00	114.90 -0.13 0.00	120.89 -0.03 0.00	129.85 0.45 0.00	149.34 1.01 0.00	140.61 1.11 0.00	144.76 0.98 0.00	134.25 0.99 0.00	138.02 0.67 0.00	127.66 0.33 0.00	107.08 -0.23 0.00	104.47 -0.28 0.00
MILLIKEN___2 23585	102.17 0.10 0.00	114.24 -0.28 0.00	104.59 -0.60 0.00	116.72 -0.56 0.00	121.40 -0.34 0.00	118.83 -0.34 0.00	120.45 -0.52 0.00	81.11 -0.38 0.00	93.80 -0.07 0.00	104.79 0.00 0.00	132.51 -0.15 0.00	123.38 -0.24 0.00	118.61 -0.62 0.00	114.90 -0.13 0.00	120.89 -0.03 0.00	129.85 0.45 0.00	149.34 1.01 0.00	140.61 1.11 0.00	144.76 0.98 0.00	134.25 0.99 0.00	138.02 0.67 0.00	127.66 0.33 0.00	107.08 -0.23 0.00	104.47 -0.28 0.00
MILLIKEN___DIESEL 23629	102.17 0.10 0.00	114.24 -0.28 0.00	104.59 -0.60 0.00	116.72 -0.56 0.00	121.40 -0.34 0.00	118.83 -0.34 0.00	120.45 -0.52 0.00	81.11 -0.38 0.00	93.80 -0.07 0.00	104.79 0.00 0.00	132.51 -0.15 0.00	123.38 -0.24 0.00	118.61 -0.62 0.00	114.90 -0.13 0.00	120.89 -0.03 0.00	129.85 0.45 0.00	149.34 1.01 0.00	140.61 1.11 0.00	144.76 0.98 0.00	134.25 0.99 0.00	138.02 0.67 0.00	127.66 0.33 0.00	107.08 -0.23 0.00	104.47 -0.28 0.00
MILLSEAT___LFGE 323607	93.14 -6.52 2.41	103.13 -7.84 3.55	93.07 -8.90 3.21	102.42 -9.63 5.22	107.26 -10.00 4.49	103.41 -9.83 5.94	105.47 -12.32 3.18	68.99 -9.65 2.84	77.02 -10.81 6.04	67.63 -11.32 25.85	95.50 -14.67 22.49	99.94 -14.19 9.49	102.98 -13.56 2.68	99.94 -12.51 2.58	83.28 -13.19 24.45	73.30 -13.14 42.96	82.12 -14.19 52.02	62.84 -13.15 63.51	69.31 -14.21 60.26	49.30 -12.57 71.38	50.53 -12.74 74.07	60.90 -11.74 54.69	85.81 -8.72 12.78	82.21 -8.83 13.70
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	105.57 3.50 0.00	118.35 3.84 0.00	108.61 3.43 0.00	120.75 3.47 0.00	125.52 3.78 0.00	122.98 3.80 0.00	125.19 4.22 0.00	84.84 3.36 0.00	97.76 3.89 0.00	108.74 3.94 0.00	137.80 5.14 0.00	128.85 5.23 0.00	124.27 5.04 0.00	119.58 4.54 0.00	125.52 4.60 0.00	134.25 4.85 0.00	154.13 5.80 0.00	144.84 5.35 0.00	149.40 5.62 0.00	138.48 5.23 0.00	142.34 5.00 0.00	131.94 4.61 0.00	110.55 3.23 0.00	107.83 3.09 0.00
MILLWOOD_13_KV_LOAD 356217	105.84 3.77 0.00	118.64 4.12 0.00	108.87 3.69 0.00	121.06 3.78 0.00	125.83 4.08 0.00	123.28 4.10 0.00	125.50 4.53 0.00	85.05 3.56 0.00	98.03 4.15 0.00	109.01 4.22 0.00	138.18 5.52 0.00	129.17 5.55 0.00	124.58 5.35 0.00	119.87 4.83 0.00	125.84 4.93 0.00	134.59 5.20 0.00	154.59 6.26 0.00	145.29 5.79 0.00	149.82 6.04 0.00	138.88 5.63 0.00	142.71 5.37 0.00	132.28 4.95 0.00	110.80 3.48 0.00	108.11 3.36 0.00
MODEL_CITY_ENERGY 24167	89.79 -9.50 2.77	99.26 -11.18 4.08	89.43 -12.07 3.69	98.13 -13.14 6.01	102.84 -13.74 5.16	98.80 -13.54 6.83	100.51 -16.81 3.65	65.15 -13.06 3.27	72.06 -14.87 6.95	59.36 -15.71 29.73	86.71 -20.08 25.87	93.44 -19.27 10.92	97.61 -18.53 3.08	94.70 -17.36 2.97	74.49 -18.31 28.12	61.20 -18.79 49.41	67.69 -20.81 59.83	47.05 -19.41 73.04	53.79 -20.68 69.30	32.69 -18.46 82.10	33.65 -18.50 85.20	47.55 -16.88 62.90	79.89 -12.72 14.70	76.38 -12.60 15.76
MODERN_LFGE___ 323580	89.79 -9.50 2.77	99.26 -11.18 4.08	89.43 -12.07 3.69	98.13 -13.14 6.01	102.84 -13.74 5.16	98.80 -13.54 6.83	100.51 -16.81 3.65	65.15 -13.06 3.27	72.06 -14.87 6.95	59.36 -15.71 29.73	86.71 -20.08 25.87	93.44 -19.27 10.92	97.61 -18.53 3.08	94.70 -17.36 2.97	74.49 -18.31 28.12	61.20 -18.79 49.41	67.69 -20.81 59.83	47.05 -19.41 73.04	53.79 -20.68 69.30	32.69 -18.46 82.10	33.65 -18.50 85.20	47.55 -16.88 62.90	79.89 -12.72 14.70	76.38 -12.60 15.76
MOHAWK_PAPER___DRP 24187	106.18 4.11 0.00	119.54 5.03 0.00	109.75 4.56 0.00	122.35 5.07 0.00	127.06 5.32 0.00	124.30 5.13 0.00	125.96 4.99 0.00	84.98 3.49 0.00	97.78 3.90 0.00	109.03 4.24 0.00	138.01 5.35 0.00	128.88 5.25 0.00	124.49 5.27 0.00	119.85 4.81 0.00	125.74 4.82 0.00	134.40 5.01 0.00	153.92 5.59 0.00	144.91 5.42 0.00	149.49 5.71 0.00	138.48 5.23 0.00	142.74 5.40 0.00	132.37 5.04 0.00	111.58 4.27 0.00	109.13 4.39 0.00
MOHICAN___35_KV_115KV_LD 80490	109.35 7.28 0.00	123.10 8.59 0.00	112.99 7.81 0.00	125.99 8.71 0.00	130.86 9.11 0.00	128.36 9.19 0.00	130.82 9.86 0.00	88.51 7.03 0.00	101.96 8.08 0.00	113.43 8.64 0.00	143.86 11.20 0.00	133.83 10.20 0.00	129.34 10.11 0.00	124.94 9.90 0.00	131.36 10.44 0.00	141.11 11.71 0.00	162.04 13.71 0.00	152.09 12.59 0.00	156.74 12.96 0.00	145.04 11.78 0.00	148.96 11.62 0.00	138.13 10.80 0.00	115.81 8.49 0.00	112.96 8.22 0.00
MONGAUP___HYD 23641	106.38 4.31 0.00	119.29 4.78 0.00	109.46 4.27 0.00	121.82 4.54 0.00	126.62 4.88 0.00	124.07 4.90 0.00	126.27 5.30 0.00	85.43 3.95 0.00	98.48 4.60 0.00	109.59 4.80 0.00	138.67 6.01 0.00	129.65 6.03 0.00	124.90 5.67 0.00	120.24 5.20 0.00	126.35 5.43 0.00	134.90 5.51 0.00	155.59 7.26 0.00	146.40 6.90 0.00	150.93 7.15 0.00	139.88 6.63 0.00	143.80 6.46 0.00	133.24 5.91 0.00	111.70 4.39 0.00	108.85 4.10 0.00
MONTAUK___DIESEL 23721	108.17 6.11 0.00	121.23 6.71 0.00	111.39 6.21 0.00	125.79 8.51 0.00	155.95 12.49 -21.71	165.79 12.89 -33.72	205.58 13.03 -71.58	147.78 9.02 -57.28	213.88 9.97 -110.03	205.04 9.74 -90.51	140.35 6.72 -0.97	157.07 9.09 -24.35	255.51 13.54 -122.74	212.43 13.32 -84.07	269.88 13.72 -135.25	247.21 13.39 -104.43	235.51 15.59 -71.59	260.98 14.14 -107.35	280.68 13.06 -123.84	266.14 12.75 -120.13	235.60 13.22 -85.04	226.15 11.67 -87.14	123.18 6.97 -8.89	161.33 8.02 -48.57
MOONROAD_115KV_HARTFLD_TB1-2 355988	92.75 -9.32 0.00	102.60 -11.92 0.00	91.83 -13.35 0.00	102.80 -14.48 0.00	107.36 -14.38 0.00	103.29 -15.89 0.00	103.67 -17.30 0.00	69.80 -11.68 0.00	80.84 -13.03 0.00	91.01 -13.78 0.00	115.68 -16.98 0.00	109.19 -14.43 0.00	104.35 -14.88 0.00	101.33 -13.71 0.00	107.95 -12.96 0.00	118.81 -10.58 0.00	136.81 -11.52 0.00	125.96 -13.53 0.00	127.19 -16.59 0.00	121.87 -11.39 0.00	126.67 -10.67 0.00	117.70 -9.63 0.00	98.92 -8.40 0.00	96.30 -8.44 0.00

MORRIS_RIDGE___SOLAR 323848	94.87 -6.75 0.45	105.27 -8.58 0.66	95.08 -9.51 0.60	106.11 -10.20 0.97	111.10 -9.81 0.83	108.37 -9.71 1.10	109.08 -11.30 0.59	72.62 -8.34 0.53	83.86 -8.89 1.12	90.53 -9.48 4.79	116.41 -12.09 4.17	111.61 -10.25 1.76	108.78 -9.95 0.50	105.48 -9.08 0.48	106.57 -9.82 4.53	111.73 -9.71 7.96	128.30 -10.40 9.63	117.57 -10.17 11.76	121.35 -11.27 11.16	110.01 -10.03 13.22	113.29 -10.33 13.72	106.70 -10.50 10.13	96.61 -8.34 2.37	94.48 -7.72 2.54
MORTIMER_115KV_TB3 55949	97.07 -4.99 0.00	108.47 -6.04 0.00	98.52 -6.66 0.00	109.98 -7.30 0.00	114.24 -7.51 0.00	111.76 -7.42 0.00	112.47 -8.50 0.00	75.07 -6.41 0.00	86.73 -7.15 0.00	97.23 -7.56 0.00	122.94 -9.72 0.00	114.24 -9.39 0.00	110.28 -8.94 0.00	106.78 -8.26 0.00	112.22 -8.69 0.00	120.66 -8.74 0.00	138.91 -9.42 0.00	130.84 -8.65 0.00	134.38 -9.40 0.00	124.88 -8.37 0.00	128.71 -8.63 0.00	119.26 -8.07 0.00	101.17 -6.15 0.00	98.51 -6.23 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	106.14 4.07 0.00	118.88 4.37 0.00	109.08 3.90 0.00	121.19 3.91 0.00	125.96 4.21 0.00	123.38 4.21 0.00	125.66 4.69 0.00	85.23 3.75 0.00	98.26 4.38 0.00	109.31 4.52 0.00	138.59 5.93 0.00	129.61 5.99 0.00	124.94 5.71 0.00	120.13 5.09 0.00	126.08 5.17 0.00	134.85 5.46 0.00	154.78 6.46 0.00	145.44 5.94 0.00	150.01 6.23 0.00	139.12 5.86 0.00	142.91 5.57 0.00	132.46 5.12 0.00	110.96 3.65 0.00	108.21 3.47 0.00
MUNSVILLE_WIND_PWR 323609	108.57 5.47 -1.03	122.50 6.48 -1.51	112.36 5.81 -1.37	126.35 6.84 -2.22	129.93 6.27 -1.91	127.67 5.97 -2.53	127.76 5.44 -1.35	85.65 2.96 -1.21	100.35 3.90 -2.57	120.79 4.98 -11.01	148.69 6.44 -9.58	133.51 5.84 -4.04	125.22 4.85 -1.14	121.64 5.50 -1.10	138.65 7.32 -10.42	156.66 8.96 -18.30	181.65 11.16 -22.17	178.25 11.69 -27.06	181.74 12.28 -25.68	175.06 11.38 -30.42	179.15 10.24 -31.57	159.66 9.03 -23.30	119.09 6.33 -5.45	116.89 6.31 -5.84
N SALMON___HYD 24042	105.49 3.42 0.00	118.22 3.71 0.00	108.93 3.75 0.00	121.34 4.06 0.00	126.47 4.73 0.00	123.79 4.62 0.00	125.77 4.80 0.00	84.69 3.21 0.00	97.42 3.54 0.00	108.73 3.94 0.00	138.14 5.48 0.00	129.01 5.39 0.00	123.77 4.55 0.00	119.47 4.43 0.00	125.57 4.65 0.00	134.69 5.30 0.00	153.53 5.20 0.00	143.92 4.43 0.00	148.32 4.54 0.00	138.02 4.76 0.00	142.32 4.97 0.00	132.13 4.80 0.00	111.78 4.46 0.00	108.55 3.81 0.00
N.AKRON__115KV_KNAPP 355671	94.85 -7.21 0.00	105.88 -8.63 0.00	95.52 -9.66 0.00	106.80 -10.48 0.00	110.88 -10.86 0.00	108.30 -10.88 0.00	107.53 -13.44 0.00	71.01 -10.47 0.00	82.08 -11.80 0.00	92.32 -12.48 0.00	116.58 -16.08 0.00	108.14 -15.49 0.00	104.46 -14.77 0.00	101.35 -13.69 0.00	106.48 -14.44 0.00	114.79 -14.61 0.00	132.28 -16.05 0.00	124.65 -14.85 0.00	127.74 -16.04 0.00	119.00 -14.25 0.00	122.98 -14.36 0.00	114.11 -13.22 0.00	97.54 -9.78 0.00	94.98 -9.75 0.00
N.E_GEN_SANDY PD 24062	105.87 3.80 0.00	119.10 4.58 0.00	109.29 4.11 0.00	121.80 4.52 0.00	126.51 4.76 0.00	123.84 4.67 0.00	125.91 4.94 0.00	97.52 3.63 -12.41	113.00 3.99 -15.13	139.78 4.16 -30.84	158.68 5.62 -20.39	128.87 5.24 0.00	125.76 5.25 -1.29	136.85 4.93 -16.87	155.36 5.00 -29.44	162.08 5.23 -27.45	175.13 6.04 -20.76	146.02 5.58 -0.94	163.42 5.96 -13.68	138.61 5.35 0.00	142.82 5.45 -0.03	135.13 5.11 -2.69	118.79 3.94 -7.53	112.24 3.96 -3.54
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	105.03 2.97 0.00	117.76 3.25 0.00	108.14 2.95 0.00	120.16 2.88 0.00	124.96 3.22 0.00	122.40 3.22 0.00	124.61 3.64 0.00	84.43 2.95 0.00	97.29 3.41 0.00	108.16 3.37 0.00	137.11 4.45 0.00	128.20 4.58 0.00	123.63 4.40 0.00	118.98 3.94 0.00	124.90 3.98 0.00	133.66 4.27 0.00	153.52 5.20 0.00	144.25 4.76 0.00	148.73 4.95 0.00	137.91 4.65 0.00	141.77 4.43 0.00	131.42 4.09 0.00	110.05 2.73 0.00	107.35 2.61 0.00
N.QUEENS_27_KV_LOAD 356247	105.81 3.74 0.00	118.47 3.95 0.00	108.72 3.53 0.00	121.18 3.90 0.00	125.97 4.23 0.00	123.38 4.21 0.00	125.78 4.81 0.00	85.35 3.87 0.00	98.49 4.62 0.00	109.47 4.68 0.00	138.78 6.12 0.00	129.70 6.07 0.00	125.04 5.82 0.00	120.09 5.05 0.00	126.17 5.26 0.00	134.96 5.56 0.00	154.94 6.62 0.00	145.65 6.15 0.00	150.18 6.40 0.00	139.27 6.02 0.00	142.96 5.62 0.00	132.61 5.28 0.00	111.26 3.94 0.00	108.35 3.60 0.00
N.TROY___115KV_TB1 355778	106.31 4.24 0.00	119.75 5.24 0.00	109.88 4.70 0.00	122.54 5.26 0.00	127.27 5.52 0.00	124.56 5.38 0.00	126.45 5.48 0.00	85.34 3.86 0.00	98.19 4.31 0.00	109.39 4.59 0.00	138.71 6.05 0.00	129.19 5.56 0.00	124.89 5.67 0.00	120.39 5.35 0.00	126.45 5.53 0.00	135.28 5.89 0.00	155.07 6.74 0.00	145.84 6.35 0.00	150.47 6.68 0.00	139.22 5.96 0.00	143.53 6.19 0.00	133.03 5.70 0.00	111.93 4.61 0.00	109.34 4.60 0.00
NARROWS_GT1_1 24228	105.82 3.75 0.00	118.52 4.01 0.00	108.75 3.57 0.00	120.80 3.52 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
NARROWS_GT1_2 24229	105.82 3.75 0.00	118.52 4.01 0.00	108.75 3.57 0.00	120.80 3.52 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
NARROWS_GT1_3 24230	105.82 3.75 0.00	118.52 4.01 0.00	108.75 3.57 0.00	120.80 3.52 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
NARROWS_GT1_4 24231	105.82 3.75 0.00	118.52 4.01 0.00	108.75 3.57 0.00	120.80 3.52 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
NARROWS_GT1_5 24232	105.82 3.75 0.00	118.52 4.01 0.00	108.75 3.57 0.00	120.80 3.52 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00

NARROWS_GT1_6 24233	105.82 3.75 0.00	118.52 4.01 0.00	108.75 3.57 0.00	120.80 3.52 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
NARROWS_GT1_7 24234	105.82 3.75 0.00	118.52 4.01 0.00	108.75 3.57 0.00	120.80 3.52 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
NARROWS_GT1_8 24235	105.82 3.75 0.00	118.52 4.01 0.00	108.75 3.57 0.00	120.80 3.52 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
NARROWS_GT2_1 24236	105.82 3.75 0.00	118.52 4.01 0.00	108.75 3.57 0.00	120.80 3.52 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
NARROWS_GT2_2 24237	105.82 3.75 0.00	118.52 4.01 0.00	108.75 3.57 0.00	120.80 3.52 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
NARROWS_GT2_3 24238	105.82 3.75 0.00	118.52 4.01 0.00	108.75 3.57 0.00	120.80 3.52 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
NARROWS_GT2_4 24239	105.82 3.75 0.00	118.52 4.01 0.00	108.75 3.57 0.00	120.80 3.52 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
NARROWS_GT2_5 24240	105.82 3.75 0.00	118.52 4.01 0.00	108.75 3.57 0.00	120.80 3.52 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
NARROWS_GT2_6 24241	105.82 3.75 0.00	118.52 4.01 0.00	108.75 3.57 0.00	120.80 3.52 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
NARROWS_GT2_7 24242	105.82 3.75 0.00	118.52 4.01 0.00	108.75 3.57 0.00	120.80 3.52 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
NARROWS_GT2_8 24243	105.82 3.75 0.00	118.52 4.01 0.00	108.75 3.57 0.00	120.80 3.52 0.00	125.57 3.83 0.00	122.93 3.75 0.00	125.27 4.31 0.00	85.06 3.58 0.00	98.06 4.18 0.00	109.05 4.26 0.00	138.35 5.69 0.00	129.32 5.70 0.00	124.58 5.36 0.00	119.70 4.66 0.00	125.69 4.77 0.00	134.51 5.12 0.00	154.33 6.00 0.00	144.99 5.50 0.00	149.53 5.75 0.00	138.73 5.47 0.00	142.47 5.13 0.00	132.13 4.81 0.00	110.69 3.38 0.00	107.93 3.19 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	108.47 6.40 0.00	122.06 7.55 0.00	112.10 6.91 0.00	125.08 7.80 0.00	129.96 8.22 0.00	127.22 8.05 0.00	128.79 7.83 0.00	86.91 5.43 0.00	100.00 6.12 0.00	111.40 6.61 0.00	140.81 8.15 0.00	131.51 7.88 0.00	126.86 7.63 0.00	121.84 6.80 0.00	127.89 6.97 0.00	136.63 7.24 0.00	157.43 9.10 0.00	148.36 8.87 0.00	152.99 9.21 0.00	141.51 8.26 0.00	145.83 8.49 0.00	135.13 7.80 0.00	113.87 6.55 0.00	111.37 6.63 0.00
NCHELSEA_115KV_TR2 355582	106.83 4.77 0.00	119.78 5.27 0.00	109.92 4.73 0.00	122.25 4.97 0.00	127.09 5.35 0.00	124.54 5.37 0.00	126.80 5.84 0.00	85.88 4.40 0.00	98.96 5.09 0.00	110.14 5.35 0.00	139.65 6.98 0.00	130.49 6.87 0.00	125.86 6.63 0.00	121.20 6.15 0.00	127.11 6.20 0.00	135.96 6.57 0.00	156.22 7.89 0.00	146.84 7.35 0.00	151.44 7.66 0.00	140.32 7.06 0.00	144.22 6.87 0.00	133.63 6.30 0.00	111.96 4.65 0.00	109.18 4.44 0.00
NEG CAPITAL____MECHNVIL 23645	107.90 5.83 0.00	121.40 6.89 0.00	111.38 6.19 0.00	124.24 6.96 0.00	129.03 7.29 0.00	126.39 7.21 0.00	128.44 7.47 0.00	86.73 5.25 0.00	99.88 6.00 0.00	111.25 6.45 0.00	141.14 8.47 0.00	131.47 7.85 0.00	127.00 7.77 0.00	122.51 7.47 0.00	128.75 7.83 0.00	137.94 8.55 0.00	158.28 9.95 0.00	148.83 9.33 0.00	153.40 9.61 0.00	141.95 8.69 0.00	146.11 8.78 0.00	135.34 8.01 0.00	113.74 6.42 0.00	111.02 6.28 0.00
NEG CENTRAL_HIGH_ACRES 23767	94.97 -5.93 1.17	105.72 -7.07 1.72	96.29 -7.33 1.56	106.67 -8.08 2.53	111.22 -8.35 2.17	108.24 -8.06 2.88	110.50 -8.93 1.54	73.53 -6.58 1.38	83.67 -7.28 2.92	84.52 -7.76 12.52	111.79 -9.98 10.89	109.47 -9.56 4.60	108.74 -9.19 1.30	105.21 -8.58 1.25	100.06 -9.02 11.84	99.45 -9.14 20.80	113.25 -9.89 25.19	99.62 -9.12 30.75	104.78 -9.82 29.18	89.85 -8.84 34.57	92.30 -9.17 35.87	92.22 -8.63 26.48	94.22 -6.91 6.18	91.13 -6.98 6.63

NEG CENTRAL___DRP 24199	99.73 -2.33 0.00	111.48 -3.03 0.00	101.89 -3.30 0.00	113.61 -3.67 0.00	118.12 -3.62 0.00	115.72 -3.46 0.00	117.05 -3.92 0.00	78.63 -2.86 0.00	90.97 -2.91 0.00	101.68 -3.11 0.00	128.47 -4.19 0.00	119.58 -4.04 0.00	115.32 -3.91 0.00	111.51 -3.53 0.00	117.19 -3.73 0.00	125.78 -3.61 0.00	144.70 -3.63 0.00	136.28 -3.21 0.00	140.16 -3.63 0.00	130.04 -3.22 0.00	133.85 -3.49 0.00	123.86 -3.47 0.00	104.31 -3.00 0.00	101.71 -3.04 0.00
NEG CENTRAL___INDECK 23768	97.25 -4.32 0.49	107.26 -6.52 0.73	97.01 -7.51 0.66	107.84 -8.37 1.07	112.49 -8.33 0.92	109.93 -8.02 1.22	111.11 -9.21 0.65	74.54 -6.36 0.58	85.84 -6.80 1.24	92.49 -7.00 5.31	118.17 -9.87 4.62	112.78 -8.90 1.95	110.45 -8.22 0.55	107.08 -7.43 0.53	108.01 -7.89 5.02	113.02 -7.55 8.82	130.04 -7.61 10.68	119.19 -7.26 13.05	123.17 -8.24 12.38	111.28 -7.31 14.66	114.43 -7.70 15.21	108.23 -7.87 11.23	98.46 -6.23 2.62	95.78 -6.14 2.81
NEG CENTRAL___SENECA 23627	99.37 -2.70 0.00	111.05 -3.47 0.00	101.35 -3.84 0.00	113.05 -4.23 0.00	117.48 -4.26 0.00	115.08 -4.09 0.00	116.33 -4.64 0.00	78.06 -3.42 0.00	90.38 -3.49 0.00	101.07 -3.73 0.00	127.70 -4.96 0.00	118.79 -4.83 0.00	114.52 -4.70 0.00	110.80 -4.24 0.00	116.42 -4.49 0.00	125.04 -4.36 0.00	143.91 -4.42 0.00	135.56 -3.93 0.00	139.32 -4.46 0.00	129.31 -3.94 0.00	133.12 -4.22 0.00	123.21 -4.12 0.00	103.95 -3.37 0.00	101.27 -3.47 0.00
NEG CENTRAL___STATE_STREET 24147	100.92 -1.14 0.00	112.59 -1.93 0.00	103.01 -2.18 0.00	114.89 -2.39 0.00	119.79 -1.96 0.00	117.34 -1.83 0.00	118.55 -2.42 0.00	79.75 -1.73 0.00	92.35 -1.53 0.00	103.18 -1.61 0.00	130.49 -2.17 0.00	121.47 -2.16 0.00	117.13 -2.10 0.00	113.32 -1.72 0.00	119.02 -1.90 0.00	127.78 -1.62 0.00	146.88 -1.45 0.00	138.26 -1.23 0.00	142.29 -1.49 0.00	131.98 -1.28 0.00	135.82 -1.52 0.00	125.73 -1.60 0.00	105.39 -1.93 0.00	102.75 -1.99 0.00
NEG MILLWOOD___DRP 24198	107.23 5.16 0.00	120.22 5.71 0.00	110.26 5.08 0.00	122.65 5.37 0.00	127.51 5.77 0.00	124.94 5.77 0.00	127.25 6.28 0.00	86.23 4.74 0.00	99.39 5.52 0.00	110.64 5.84 0.00	140.30 7.64 0.00	131.10 7.47 0.00	126.41 7.18 0.00	121.69 6.66 0.00	127.64 6.72 0.00	136.52 7.13 0.00	156.84 8.51 0.00	147.42 7.93 0.00	152.02 8.23 0.00	140.86 7.61 0.00	144.75 7.41 0.00	134.09 6.76 0.00	112.31 5.00 0.00	109.50 4.76 0.00
NEG NORTH_FLCN_SEA 23793	104.89 2.83 0.00	117.57 3.06 0.00	108.25 3.07 0.00	120.57 3.28 0.00	125.82 4.08 0.00	123.35 4.17 0.00	125.58 4.61 0.00	84.66 3.18 0.00	97.14 3.26 0.00	108.23 3.43 0.00	137.55 4.89 0.00	128.33 4.70 0.00	123.43 4.20 0.00	119.11 4.07 0.00	124.98 4.06 0.00	133.97 4.57 0.00	152.98 4.65 0.00	143.20 3.71 0.00	147.47 3.69 0.00	137.06 3.80 0.00	141.09 3.75 0.00	130.77 3.44 0.00	109.71 2.40 0.00	106.35 1.61 0.00
NEG NORTH_KES_CHATEGAY 23792	103.71 1.64 0.00	116.22 1.71 0.00	107.04 1.85 0.00	119.36 2.07 0.00	124.31 2.57 0.00	121.91 2.73 0.00	123.95 2.98 0.00	83.58 2.10 0.00	96.11 2.23 0.00	107.04 2.25 0.00	135.91 3.25 0.00	126.64 3.02 0.00	121.61 2.38 0.00	117.45 2.41 0.00	123.54 2.62 0.00	132.14 2.74 0.00	150.70 2.37 0.00	141.02 1.52 0.00	145.22 1.44 0.00	135.32 2.07 0.00	139.61 2.27 0.00	129.68 2.36 0.00	109.54 2.22 0.00	106.65 1.91 0.00
NEG NORTH___ALICE_FALLS 23915	105.43 3.36 0.00	118.15 3.63 0.00	108.75 3.56 0.00	121.12 3.84 0.00	126.56 4.81 0.00	124.07 4.90 0.00	126.29 5.32 0.00	85.08 3.60 0.00	97.65 3.78 0.00	108.77 3.98 0.00	138.28 5.62 0.00	129.16 5.54 0.00	124.18 4.96 0.00	119.68 4.64 0.00	125.59 4.68 0.00	134.85 5.46 0.00	154.09 5.76 0.00	144.32 4.82 0.00	148.63 4.85 0.00	138.21 4.95 0.00	142.29 4.95 0.00	132.00 4.67 0.00	111.00 3.69 0.00	107.53 2.78 0.00
NEG NORTH___LWR_SARANAC 23913	105.43 3.36 0.00	118.15 3.63 0.00	108.75 3.56 0.00	121.12 3.84 0.00	126.56 4.81 0.00	124.07 4.90 0.00	126.29 5.32 0.00	85.08 3.60 0.00	97.65 3.78 0.00	108.77 3.98 0.00	138.28 5.62 0.00	129.16 5.54 0.00	124.18 4.96 0.00	119.68 4.64 0.00	125.59 4.68 0.00	134.85 5.46 0.00	154.09 5.76 0.00	144.32 4.82 0.00	148.63 4.85 0.00	138.21 4.95 0.00	142.29 4.95 0.00	132.00 4.67 0.00	111.00 3.69 0.00	107.53 2.78 0.00
NEG NORTH___PLATTSBURG 23628	105.42 3.35 0.00	118.15 3.63 0.00	108.75 3.56 0.00	121.11 3.83 0.00	126.56 4.81 0.00	124.07 4.90 0.00	126.29 5.32 0.00	85.08 3.60 0.00	97.63 3.75 0.00	108.77 3.98 0.00	138.29 5.63 0.00	129.16 5.54 0.00	124.18 4.96 0.00	119.68 4.64 0.00	125.61 4.70 0.00	134.85 5.46 0.00	154.09 5.76 0.00	144.32 4.82 0.00	148.63 4.85 0.00	138.20 4.95 0.00	142.29 4.95 0.00	131.99 4.66 0.00	111.00 3.69 0.00	107.52 2.78 0.00
NEG WEST_LEA_LOCKPORT 23791	92.53 -9.54 0.00	103.28 -11.24 0.00	93.05 -12.13 0.00	104.08 -13.20 0.00	108.04 -13.70 0.00	105.51 -13.67 0.00	104.50 -16.47 0.00	68.81 -12.67 0.00	79.49 -14.39 0.00	89.49 -15.30 0.00	113.11 -19.55 0.00	104.91 -18.71 0.00	101.29 -17.94 0.00	98.26 -16.78 0.00	103.23 -17.68 0.00	111.19 -18.21 0.00	128.03 -20.30 0.00	120.58 -18.92 0.00	123.54 -20.24 0.00	115.23 -18.03 0.00	119.19 -18.15 0.00	110.69 -16.64 0.00	94.83 -12.49 0.00	92.49 -12.25 0.00
NEG WEST___LANCASTR 23811	95.89 -6.18 0.00	107.05 -7.46 0.00	96.67 -8.51 0.00	108.20 -9.08 0.00	112.48 -9.27 0.00	109.74 -9.43 0.00	109.57 -11.39 0.00	72.83 -8.65 0.00	84.15 -9.73 0.00	94.60 -10.20 0.00	119.60 -13.06 0.00	111.54 -12.08 0.00	107.64 -11.58 0.00	104.43 -10.61 0.00	109.52 -11.40 0.00	117.99 -11.40 0.00	135.91 -12.42 0.00	127.87 -11.63 0.00	131.13 -12.65 0.00	122.24 -11.01 0.00	126.03 -11.31 0.00	116.79 -10.53 0.00	99.46 -7.86 0.00	97.02 -7.72 0.00
NEG_PENN_ALLEGHNY 23528	102.90 -0.70 -1.53	115.78 -0.99 -2.26	105.97 -1.26 -2.04	119.27 -1.34 -3.32	123.29 -1.32 -2.86	121.68 -1.28 -3.78	121.53 -1.45 -2.02	82.22 -1.07 -1.81	96.63 -1.09 -3.84	120.03 -1.22 -16.45	145.42 -1.55 -14.31	128.59 -1.07 -6.04	119.75 -1.18 -1.71	115.72 -0.96 -1.64	135.22 -1.26 -15.56	155.76 -0.98 -27.34	180.64 -0.80 -33.11	179.17 -0.75 -40.42	181.29 -0.85 -38.35	178.05 -0.64 -45.43	183.52 -0.97 -47.15	160.92 -1.22 -34.81	114.18 -1.27 -8.13	112.32 -1.14 -8.72
NEG___GEN_MONROE 24207	97.52 -4.55 0.00	108.94 -5.58 0.00	98.84 -6.34 0.00	110.34 -6.94 0.00	114.62 -7.12 0.00	112.18 -6.99 0.00	112.67 -8.30 0.00	75.11 -6.37 0.00	86.77 -7.10 0.00	97.34 -7.46 0.00	122.93 -9.73 0.00	114.24 -9.39 0.00	110.31 -8.91 0.00	106.83 -8.21 0.00	112.34 -8.57 0.00	120.87 -8.52 0.00	139.27 -9.06 0.00	131.24 -8.26 0.00	134.73 -9.05 0.00	125.18 -8.07 0.00	129.05 -8.29 0.00	119.58 -7.75 0.00	101.51 -5.80 0.00	98.84 -5.91 0.00
NEPA___ENERGY 23901	93.87 -8.20 0.00	104.47 -10.04 0.00	94.38 -10.81 0.00	105.46 -11.82 0.00	109.84 -11.90 0.00	106.77 -12.40 0.00	107.09 -13.88 0.00	71.52 -9.96 0.00	82.68 -11.19 0.00	92.65 -12.14 0.00	117.29 -15.37 0.00	110.39 -13.23 0.00	106.16 -13.06 0.00	103.08 -11.96 0.00	108.05 -12.87 0.00	117.10 -12.29 0.00	135.22 -13.11 0.00	126.18 -13.32 0.00	129.12 -14.66 0.00	121.25 -12.01 0.00	125.11 -12.23 0.00	115.80 -11.53 0.00	97.67 -9.65 0.00	95.54 -9.20 0.00

NEVERSINK___HYD 23608	105.15 3.08 0.00	117.77 3.25 0.00	108.07 2.89 0.00	120.25 2.97 0.00	125.07 3.33 0.00	122.61 3.43 0.00	124.85 3.88 0.00	84.53 3.05 0.00	97.48 3.60 0.00	108.56 3.77 0.00	137.53 4.87 0.00	128.65 5.03 0.00	124.03 4.80 0.00	119.44 4.40 0.00	125.18 4.26 0.00	133.66 4.27 0.00	153.95 5.62 0.00	144.76 5.27 0.00	149.19 5.41 0.00	138.25 5.00 0.00	142.09 4.75 0.00	131.57 4.24 0.00	110.19 2.88 0.00	107.38 2.64 0.00
NEWKRMKL_115KV_TB1 55635	105.82 3.76 0.00	119.16 4.65 0.00	109.41 4.23 0.00	121.99 4.71 0.00	126.70 4.96 0.00	123.86 4.68 0.00	125.32 4.35 0.00	84.50 3.01 0.00	97.17 3.29 0.00	108.39 3.60 0.00	136.98 4.32 0.00	128.14 4.52 0.00	123.79 4.56 0.00	118.98 3.94 0.00	124.64 3.73 0.00	133.05 3.66 0.00	152.16 3.83 0.00	143.38 3.89 0.00	148.01 4.23 0.00	137.19 3.93 0.00	141.52 4.18 0.00	131.32 3.99 0.00	110.95 3.63 0.00	108.75 4.01 0.00
NEWTON___FALLS_HYD 23847	102.54 0.47 0.00	114.93 0.42 0.00	106.32 1.13 0.00	118.44 1.16 0.00	122.09 0.34 0.00	118.69 -0.48 0.00	121.24 0.27 0.00	81.32 -0.16 0.00	94.39 0.51 0.00	105.87 1.08 0.00	133.72 1.06 0.00	124.10 0.47 0.00	118.86 -0.37 0.00	114.53 -0.51 0.00	121.37 0.46 0.00	130.37 0.98 0.00	147.34 -0.99 0.00	139.57 0.07 0.00	144.72 0.93 0.00	134.36 1.10 0.00	138.59 1.25 0.00	128.57 1.24 0.00	109.67 2.35 0.00	107.03 2.29 0.00
NGRID_A1_DSASP 323792	92.03 -10.03 0.00	102.79 -11.72 0.00	92.59 -12.59 0.00	103.55 -13.73 0.00	107.39 -14.35 0.00	104.86 -14.31 0.00	104.29 -16.67 0.00	68.68 -12.80 0.00	79.29 -14.59 0.00	89.33 -15.46 0.00	112.95 -19.71 0.00	104.66 -18.97 0.00	101.08 -18.14 0.00	97.98 -17.06 0.00	102.89 -18.02 0.00	110.86 -18.53 0.00	127.57 -20.76 0.00	120.20 -19.29 0.00	123.14 -20.64 0.00	114.89 -18.36 0.00	118.79 -18.55 0.00	110.40 -16.93 0.00	94.72 -12.60 0.00	92.37 -12.37 0.00
NGRID_A2_DSASP 323793	92.03 -10.03 0.00	102.79 -11.72 0.00	92.59 -12.59 0.00	103.55 -13.73 0.00	107.39 -14.35 0.00	104.86 -14.31 0.00	104.29 -16.67 0.00	68.68 -12.80 0.00	79.29 -14.59 0.00	89.33 -15.46 0.00	112.95 -19.71 0.00	104.66 -18.97 0.00	101.08 -18.14 0.00	97.98 -17.06 0.00	102.89 -18.02 0.00	110.86 -18.53 0.00	127.57 -20.76 0.00	120.20 -19.29 0.00	123.14 -20.64 0.00	114.89 -18.36 0.00	118.79 -18.55 0.00	110.40 -16.93 0.00	94.72 -12.60 0.00	92.37 -12.37 0.00
NGRID_A4_DSASP 323807	92.03 -10.03 0.00	102.79 -11.72 0.00	92.59 -12.59 0.00	103.55 -13.73 0.00	107.39 -14.35 0.00	104.86 -14.31 0.00	104.29 -16.67 0.00	68.68 -12.80 0.00	79.29 -14.59 0.00	89.33 -15.46 0.00	112.95 -19.71 0.00	104.66 -18.97 0.00	101.08 -18.14 0.00	97.98 -17.06 0.00	102.89 -18.02 0.00	110.86 -18.53 0.00	127.57 -20.76 0.00	120.20 -19.29 0.00	123.14 -20.64 0.00	114.89 -18.36 0.00	118.79 -18.55 0.00	110.40 -16.93 0.00	94.72 -12.60 0.00	92.37 -12.37 0.00
NIAGARA_115E_LBMP 323715	89.46 -9.76 2.84	98.86 -11.46 4.18	89.07 -12.33 3.79	97.66 -13.46 6.16	102.40 -14.05 5.30	98.31 -13.85 7.01	99.90 -17.32 3.75	64.66 -13.47 3.35	71.38 -15.37 7.12	58.05 -16.26 30.49	85.38 -20.75 26.53	92.50 -19.93 11.20	96.90 -19.17 3.16	94.04 -17.96 3.05	73.09 -18.99 28.84	59.22 -19.50 50.67	65.33 -21.64 61.36	44.36 -20.22 74.91	51.22 -21.49 71.08	29.87 -19.19 84.20	30.77 -19.20 87.38	45.33 -17.50 64.51	79.06 -13.18 15.07	75.54 -13.04 16.16
NIAGARA_115W_LBMP 323714	89.09 -10.10 2.88	98.47 -11.81 4.24	88.72 -12.63 3.84	97.27 -13.77 6.24	101.96 -14.42 5.36	97.85 -14.22 7.10	100.52 -16.65 3.79	65.25 -12.84 3.40	72.04 -14.62 7.22	58.52 -15.40 30.88	86.14 -19.65 26.87	93.37 -18.92 11.34	97.85 -18.17 3.20	94.85 -17.10 3.09	73.67 -18.04 29.20	59.62 -18.46 51.32	65.63 -20.55 62.14	44.49 -19.14 75.87	51.40 -20.39 71.99	29.82 -18.15 85.28	30.51 -18.34 88.49	45.23 -16.76 65.33	79.48 -12.57 15.27	75.98 -12.39 16.37
NIAGARA_230_LBMP 323716	89.61 -9.62 2.84	99.06 -11.26 4.18	89.32 -12.08 3.79	97.94 -13.18 6.16	102.69 -13.76 5.30	98.57 -13.60 7.01	101.19 -16.03 3.75	65.83 -12.30 3.35	72.72 -14.03 7.12	59.51 -14.80 30.48	87.22 -18.91 26.52	94.31 -18.12 11.19	98.64 -17.43 3.16	95.66 -16.33 3.05	74.81 -17.28 28.83	61.04 -17.69 50.67	67.40 -19.58 61.35	46.29 -18.30 74.89	53.22 -19.50 71.07	31.71 -17.35 84.19	32.43 -17.55 87.36	46.77 -16.07 64.50	80.18 -12.06 15.07	76.70 -11.88 16.16
NIAGARA___115KV_198_GIBSON 55903	91.94 -10.13 0.00	102.69 -11.83 0.00	92.51 -12.67 0.00	103.45 -13.84 0.00	107.27 -14.47 0.00	104.75 -14.42 0.00	104.21 -16.76 0.00	68.61 -12.87 0.00	79.21 -14.67 0.00	89.27 -15.52 0.00	112.84 -19.82 0.00	104.55 -19.07 0.00	100.99 -18.23 0.00	97.89 -17.15 0.00	102.77 -18.15 0.00	110.73 -18.66 0.00	127.46 -20.87 0.00	120.09 -19.41 0.00	123.05 -20.73 0.00	114.77 -18.49 0.00	118.68 -18.66 0.00	110.29 -17.04 0.00	94.62 -12.69 0.00	92.29 -12.45 0.00
NIAGARA____ 23760	89.60 -9.62 2.85	99.05 -11.26 4.20	89.30 -12.08 3.80	97.91 -13.18 6.18	102.66 -13.76 5.32	98.54 -13.60 7.03	101.19 -16.03 3.75	65.82 -12.30 3.36	72.72 -14.03 7.13	59.47 -14.80 30.52	87.19 -18.91 26.55	94.30 -18.12 11.21	98.63 -17.43 3.17	95.66 -16.33 3.05	74.78 -17.28 28.86	60.99 -17.69 50.72	67.34 -19.58 61.41	46.21 -18.30 74.98	53.14 -19.50 71.14	31.62 -17.35 84.28	32.33 -17.55 87.46	46.69 -16.07 64.57	80.16 -12.06 15.10	76.66 -11.88 16.19
NINE_MILE_1 23575	97.79 -4.28 0.00	109.55 -4.97 0.00	100.43 -4.75 0.00	112.02 -5.26 0.00	116.28 -5.46 0.00	113.84 -5.34 0.00	115.46 -5.51 0.00	77.66 -3.82 0.00	89.56 -4.32 0.00	99.99 -4.81 0.00	126.56 -6.10 0.00	117.89 -5.73 0.00	113.66 -5.56 0.00	109.73 -5.31 0.00	115.36 -5.56 0.00	123.60 -5.80 0.00	141.82 -6.51 0.00	133.46 -6.04 0.00	137.47 -6.31 0.00	127.45 -5.80 0.00	131.30 -6.04 0.00	121.65 -5.68 0.00	102.48 -4.84 0.00	100.00 -4.74 0.00
NINE_MILE_2 23744	97.81 -4.26 0.00	109.55 -4.96 0.00	100.44 -4.74 0.00	112.03 -5.25 0.00	116.29 -5.46 0.00	113.87 -5.31 0.00	115.46 -5.51 0.00	77.67 -3.81 0.00	89.57 -4.31 0.00	100.00 -4.79 0.00	126.56 -6.10 0.00	117.90 -5.72 0.00	113.67 -5.55 0.00	109.73 -5.31 0.00	115.36 -5.56 0.00	123.60 -5.80 0.00	141.83 -6.50 0.00	133.46 -6.04 0.00	137.48 -6.30 0.00	127.46 -5.79 0.00	131.30 -6.04 0.00	121.65 -5.68 0.00	102.48 -4.84 0.00	100.01 -4.73 0.00
NM_CAPITAL___DRP 24208	105.72 3.65 0.00	119.07 4.55 0.00	109.33 4.14 0.00	121.88 4.60 0.00	126.57 4.83 0.00	123.78 4.60 0.00	125.34 4.37 0.00	84.51 3.03 0.00	97.19 3.31 0.00	108.40 3.61 0.00	137.10 4.45 0.00	128.10 4.48 0.00	123.80 4.57 0.00	119.05 4.01 0.00	124.83 3.91 0.00	133.28 3.89 0.00	152.52 4.19 0.00	143.63 4.14 0.00	148.23 4.45 0.00	137.36 4.10 0.00	141.69 4.34 0.00	131.41 4.08 0.00	110.94 3.62 0.00	108.65 3.91 0.00
NM_CENTRAL___DRP 24181	99.46 -2.61 0.00	111.35 -3.16 0.00	102.03 -3.15 0.00	113.84 -3.44 0.00	118.20 -3.54 0.00	115.69 -3.48 0.00	117.35 -3.62 0.00	78.97 -2.52 0.00	91.12 -2.75 0.00	101.75 -3.05 0.00	128.77 -3.89 0.00	119.99 -3.64 0.00	115.68 -3.55 0.00	111.73 -3.31 0.00	117.44 -3.48 0.00	125.88 -3.52 0.00	144.53 -3.80 0.00	135.99 -3.50 0.00	140.08 -3.70 0.00	129.85 -3.41 0.00	133.69 -3.65 0.00	123.80 -3.53 0.00	104.21 -3.10 0.00	101.67 -3.07 0.00

NM_FRONTIER___DRP 24179	91.94 -10.13 0.00	102.69 -11.83 0.00	92.51 -12.67 0.00	103.45 -13.84 0.00	107.27 -14.47 0.00	104.75 -14.42 0.00	104.21 -16.76 0.00	68.61 -12.87 0.00	79.21 -14.67 0.00	89.27 -15.52 0.00	112.84 -19.82 0.00	104.55 -19.07 0.00	100.99 -18.23 0.00	97.89 -17.15 0.00	102.77 -18.15 0.00	110.73 -18.66 0.00	127.46 -20.87 0.00	120.09 -19.41 0.00	123.05 -20.73 0.00	114.77 -18.49 0.00	118.68 -18.66 0.00	110.29 -17.04 0.00	94.62 -12.69 0.00	92.29 -12.45 0.00
NM_ST_REGIS___HYD 24053	104.29 2.22 0.00	117.16 2.65 0.00	108.08 2.89 0.00	120.32 3.04 0.00	124.58 2.83 0.00	121.36 2.18 0.00	123.15 2.18 0.00	82.91 1.42 0.00	95.55 1.67 0.00	106.96 2.16 0.00	135.76 3.10 0.00	126.37 2.75 0.00	121.38 2.16 0.00	117.19 2.15 0.00	123.42 2.50 0.00	131.98 2.59 0.00	149.95 1.62 0.00	141.03 1.53 0.00	145.52 1.74 0.00	135.14 1.89 0.00	139.39 2.05 0.00	129.44 2.11 0.00	110.09 2.77 0.00	107.39 2.65 0.00
NORTHPORT___1 23551	108.07 6.01 0.00	120.76 6.24 0.00	110.78 5.60 0.00	122.80 5.52 0.00	128.13 6.38 0.00	125.51 6.33 0.00	127.59 6.62 0.00	87.15 5.67 0.00	100.36 6.48 0.00	111.00 6.21 0.00	133.88 6.27 5.04	127.63 6.96 2.96	126.47 7.24 0.00	122.34 7.30 0.00	128.23 7.32 0.00	128.40 6.41 7.41	127.17 7.74 28.89	126.81 7.16 19.84	126.81 7.26 24.23	125.70 7.01 14.57	124.97 6.45 18.82	122.55 5.87 10.65	81.69 3.86 29.48	109.16 4.41 0.00
NORTHPORT___2 23552	108.07 6.01 0.00	120.76 6.24 0.00	110.78 5.60 0.00	122.80 5.52 0.00	128.13 6.38 0.00	125.51 6.33 0.00	127.59 6.62 0.00	87.15 5.67 0.00	100.36 6.48 0.00	111.00 6.21 0.00	133.88 6.27 5.04	127.63 6.96 2.96	126.47 7.24 0.00	122.34 7.30 0.00	128.23 7.32 0.00	128.40 6.41 7.41	127.17 7.74 28.89	126.81 7.16 19.84	126.81 7.26 24.23	125.70 7.01 14.57	124.97 6.45 18.82	122.55 5.87 10.65	81.69 3.86 29.48	109.16 4.41 0.00
NORTHPORT___3 23553	107.99 5.92 0.00	120.69 6.18 0.00	110.74 5.55 0.00	122.78 5.50 0.00	127.48 6.28 0.55	124.60 6.28 0.86	125.74 6.59 1.82	85.66 5.64 1.46	97.53 6.46 2.80	108.67 6.23 2.35	136.01 6.31 2.96	128.20 6.93 2.35	123.25 7.21 3.18	120.13 7.26 2.18	124.69 7.28 3.50	128.71 6.34 7.02	137.26 7.62 18.68	132.19 7.03 14.34	133.64 7.18 17.32	128.58 6.92 11.60	130.44 6.27 13.16	124.63 5.76 8.46	93.73 3.82 17.40	107.76 4.28 1.26
NORTHPORT___4 23650	107.99 5.92 0.00	120.69 6.18 0.00	110.74 5.55 0.00	122.78 5.50 0.00	127.48 6.28 0.55	124.60 6.28 0.86	125.74 6.59 1.82	85.66 5.64 1.46	97.53 6.46 2.80	108.67 6.23 2.35	136.01 6.31 2.96	128.20 6.93 2.35	123.25 7.21 3.18	120.13 7.26 2.18	124.69 7.28 3.50	128.71 6.34 7.02	137.26 7.62 18.68	132.19 7.03 14.34	133.64 7.18 17.32	128.58 6.92 11.60	130.44 6.27 13.16	124.63 5.76 8.46	93.73 3.82 17.40	107.76 4.28 1.26
NORTHPORT___IC 23718	108.07 6.00 0.00	120.77 6.26 0.00	110.80 5.62 0.00	122.82 5.54 0.00	128.15 6.41 0.00	125.65 6.48 0.00	127.64 6.68 0.00	87.15 5.66 0.00	100.37 6.49 0.00	111.03 6.24 0.00	133.95 6.33 5.04	127.70 7.03 2.96	126.49 7.27 0.00	122.36 7.32 0.00	128.25 7.33 0.00	128.42 6.44 7.41	127.21 7.78 28.89	126.83 7.18 19.84	126.88 7.34 24.23	125.78 7.09 14.57	125.07 6.55 18.82	122.61 5.93 10.65	81.71 3.88 29.48	109.19 4.45 0.00
NORTH___COUNTRY_ESR 323785	103.36 1.29 0.00	115.87 1.36 0.00	106.71 1.53 0.00	118.99 1.71 0.00	123.88 2.14 0.00	121.41 2.24 0.00	123.47 2.50 0.00	83.27 1.79 0.00	95.73 1.86 0.00	106.70 1.91 0.00	135.41 2.75 0.00	126.09 2.47 0.00	121.20 1.97 0.00	117.14 2.10 0.00	123.16 2.25 0.00	131.61 2.21 0.00	150.05 1.72 0.00	140.37 0.87 0.00	144.63 0.85 0.00	134.72 1.47 0.00	139.02 1.68 0.00	129.09 1.76 0.00	109.08 1.77 0.00	106.29 1.55 0.00
NPX_GEN_1385_PROXY 323591	115.52 8.26 -5.19	123.28 8.76 0.00	112.85 7.67 0.00	124.78 7.50 0.00	130.81 9.07 0.00	127.98 8.80 0.00	158.27 9.24 -28.06	127.04 7.41 -38.15	123.69 8.51 -21.30	158.99 8.47 -45.73	155.88 9.15 -14.07	131.40 9.66 1.88	139.43 9.83 -10.37	137.03 9.81 -12.18	130.86 9.95 0.00	156.72 9.24 -18.09	164.45 10.99 -5.12	185.15 10.21 -35.44	185.86 10.41 -31.66	167.42 9.92 -24.24	127.97 9.45 18.82	125.33 8.65 10.65	111.56 6.23 1.98	151.59 6.74 -40.11
NPX_GEN_CSC 323557	109.70 7.63 0.00	122.51 8.00 0.00	112.32 7.14 0.00	124.98 7.70 0.00	152.69 9.12 -21.83	162.18 9.11 -33.90	202.27 9.35 -71.96	146.36 7.30 -57.58	212.79 8.33 -110.58	203.93 8.32 -90.82	141.73 8.09 -0.98	157.27 9.21 -24.44	252.45 10.05 -123.17	209.00 9.60 -84.36	266.39 9.77 -135.71	243.27 9.08 -104.80	230.33 10.15 -71.86	256.69 9.46 -107.73	277.65 9.59 -124.28	262.86 9.04 -120.56	231.36 8.67 -85.35	222.64 7.87 -87.45	121.80 5.55 -8.94	159.76 6.29 -48.73
NSINS_S_GLNS_FALLS 23858	109.28 7.22 0.00	123.00 8.48 0.00	112.88 7.70 0.00	125.86 8.58 0.00	130.73 8.98 0.00	128.19 9.02 0.00	130.61 9.64 0.00	88.36 6.87 0.00	101.81 7.93 0.00	113.28 8.49 0.00	143.71 11.05 0.00	133.67 10.05 0.00	129.15 9.93 0.00	124.76 9.72 0.00	131.19 10.27 0.00	140.86 11.46 0.00	161.77 13.44 0.00	151.86 12.37 0.00	156.55 12.77 0.00	144.79 11.54 0.00	148.71 11.37 0.00	137.92 10.59 0.00	115.64 8.32 0.00	112.83 8.09 0.00
NUCOR_STEEL___DRP 24197	100.89 -1.18 0.00	112.51 -2.01 0.00	102.94 -2.25 0.00	114.81 -2.47 0.00	119.79 -1.96 0.00	117.34 -1.83 0.00	118.51 -2.46 0.00	79.70 -1.78 0.00	92.32 -1.56 0.00	103.16 -1.63 0.00	130.44 -2.22 0.00	121.47 -2.16 0.00	117.12 -2.11 0.00	113.32 -1.72 0.00	118.98 -1.94 0.00	127.75 -1.65 0.00	146.86 -1.47 0.00	138.23 -1.27 0.00	142.24 -1.54 0.00	131.93 -1.33 0.00	135.77 -1.57 0.00	125.68 -1.65 0.00	105.30 -2.02 0.00	102.67 -2.07 0.00
NUMBER_THREE_WT_PWR 323818	101.79 -0.28 0.00	113.65 -0.87 0.00	105.51 0.33 0.00	117.77 0.49 0.00	121.21 -0.54 0.00	117.92 -1.25 0.00	121.45 0.49 0.00	81.11 -0.37 0.00	94.84 0.96 0.00	106.42 1.63 0.00	133.58 0.91 0.00	123.66 0.03 0.00	117.86 -1.37 0.00	113.18 -1.86 0.00	120.88 -0.04 0.00	131.05 1.66 0.00	148.30 -0.03 0.00	141.34 1.84 0.00	147.28 3.50 0.00	136.81 3.56 0.00	141.01 3.67 0.00	130.63 3.30 0.00	110.75 3.43 0.00	107.88 3.14 0.00
NYISO_LBMP_REFERENCE 24008	102.07 0.00 0.00	114.51 0.00 0.00	105.19 0.00 0.00	117.28 0.00 0.00	121.74 0.00 0.00	119.17 0.00 0.00	120.97 0.00 0.00	81.48 0.00 0.00	93.88 0.00 0.00	104.79 0.00 0.00	132.66 0.00 0.00	123.63 0.00 0.00	119.23 0.00 0.00	115.04 0.00 0.00	120.91 0.00 0.00	129.39 0.00 0.00	148.33 0.00 0.00	139.50 0.00 0.00	143.78 0.00 0.00	133.25 0.00 0.00	137.34 0.00 0.00	127.33 0.00 0.00	107.32 0.00 0.00	104.74 0.00 0.00
NYPA_BRENTWD____GT 24164	109.30 7.23 0.00	122.09 7.57 0.00	112.00 6.81 0.00	124.17 6.89 0.00	131.15 7.40 -2.00	129.45 7.17 -3.11	135.08 7.52 -6.59	92.99 6.23 -5.27	111.36 7.33 -10.16	120.38 7.10 -8.49	141.51 8.00 -0.85	134.93 8.58 -2.73	138.99 8.25 -11.51	131.05 8.12 -7.89	141.76 8.15 -12.69	148.43 8.13 -10.91	169.10 9.72 -11.04	161.17 8.63 -13.04	167.75 8.72 -15.25	155.14 8.43 -13.45	156.34 8.20 -10.80	144.62 7.52 -9.77	118.16 5.59 -5.25	114.91 5.61 -4.55

NYPA_GOWANUS____GT5 24156	105.80 3.73 0.00	118.48 3.97 0.00	108.73 3.54 0.00	120.77 3.49 0.00	125.53 3.79 0.00	122.86 3.69 0.00	125.22 4.25 0.00	85.03 3.55 0.00	98.05 4.17 0.00	109.01 4.22 0.00	138.33 5.67 0.00	129.26 5.64 0.00	124.56 5.33 0.00	119.66 4.62 0.00	125.68 4.76 0.00	134.46 5.07 0.00	154.29 5.96 0.00	144.98 5.49 0.00	149.47 5.69 0.00	138.71 5.45 0.00	142.45 5.11 0.00	132.10 4.78 0.00	110.67 3.35 0.00	107.91 3.17 0.00
NYPA_GOWANUS____GT6 24157	105.80 3.73 0.00	118.48 3.97 0.00	108.73 3.54 0.00	120.77 3.49 0.00	125.53 3.79 0.00	122.86 3.69 0.00	125.22 4.25 0.00	85.03 3.55 0.00	98.05 4.17 0.00	109.01 4.22 0.00	138.33 5.67 0.00	129.26 5.64 0.00	124.56 5.33 0.00	119.66 4.62 0.00	125.68 4.76 0.00	134.46 5.07 0.00	154.29 5.96 0.00	144.98 5.49 0.00	149.47 5.69 0.00	138.71 5.45 0.00	142.45 5.11 0.00	132.10 4.78 0.00	110.67 3.35 0.00	107.91 3.17 0.00
NYPA_HARLEM__RVR__GT1 24160	105.60 3.53 0.00	118.29 3.78 0.00	108.57 3.38 0.00	120.95 3.66 0.00	125.71 3.96 0.00	123.10 3.93 0.00	125.46 4.49 0.00	85.15 3.66 0.00	98.24 4.36 0.00	109.20 4.41 0.00	138.41 5.75 0.00	129.35 5.73 0.00	124.74 5.51 0.00	119.81 4.77 0.00	125.85 4.93 0.00	134.64 5.24 0.00	154.49 6.16 0.00	145.22 5.72 0.00	149.77 5.98 0.00	138.90 5.64 0.00	142.60 5.26 0.00	132.27 4.94 0.00	110.91 3.59 0.00	108.01 3.27 0.00
NYPA_HARLEM__RVR__GT2 24161	105.60 3.53 0.00	118.29 3.78 0.00	108.57 3.38 0.00	120.95 3.66 0.00	125.71 3.96 0.00	123.10 3.93 0.00	125.46 4.49 0.00	85.15 3.66 0.00	98.24 4.36 0.00	109.20 4.41 0.00	138.41 5.75 0.00	129.35 5.73 0.00	124.74 5.51 0.00	119.81 4.77 0.00	125.85 4.93 0.00	134.64 5.24 0.00	154.49 6.16 0.00	145.22 5.72 0.00	149.77 5.98 0.00	138.90 5.64 0.00	142.60 5.26 0.00	132.27 4.94 0.00	110.91 3.59 0.00	108.01 3.27 0.00
NYPA_KENT____GT 24152	105.84 3.77 0.00	118.56 4.04 0.00	108.78 3.60 0.00	120.85 3.57 0.00	125.60 3.86 0.00	122.99 3.81 0.00	125.30 4.34 0.00	85.02 3.54 0.00	98.05 4.18 0.00	109.09 4.29 0.00	138.39 5.73 0.00	129.37 5.75 0.00	124.63 5.41 0.00	119.74 4.70 0.00	125.70 4.78 0.00	134.51 5.12 0.00	154.34 6.01 0.00	145.02 5.52 0.00	149.55 5.77 0.00	138.74 5.48 0.00	142.46 5.12 0.00	132.10 4.78 0.00	110.67 3.35 0.00	107.89 3.15 0.00
NYPA_POUCH1____GT 24155	105.53 3.46 0.00	118.18 3.66 0.00	108.49 3.31 0.00	120.47 3.19 0.00	125.22 3.48 0.00	122.57 3.39 0.00	124.93 3.96 0.00	84.97 3.49 0.00	97.88 4.01 0.00	108.70 3.91 0.00	116.94 5.22 20.95	106.51 5.26 22.37	124.19 4.97 0.01	119.34 4.30 0.01	125.34 4.42 0.00	134.16 4.76 0.00	153.99 5.66 0.00	144.67 5.17 0.00	149.12 5.34 0.00	138.34 5.09 0.00	142.08 4.74 0.00	131.87 4.54 0.00	110.49 3.17 0.00	107.77 3.03 0.00
NYPA_VERNON____GT2 24162	105.97 3.91 0.00	118.72 4.21 0.00	108.93 3.74 0.00	121.01 3.73 0.00	125.79 4.05 0.00	123.18 4.01 0.00	125.43 4.46 0.00	85.10 3.62 0.00	98.14 4.26 0.00	109.24 4.45 0.00	138.57 5.91 0.00	129.56 5.93 0.00	124.82 5.59 0.00	119.88 4.84 0.00	125.88 4.97 0.00	134.66 5.26 0.00	154.50 6.17 0.00	145.19 5.70 0.00	149.69 5.91 0.00	138.86 5.60 0.00	142.61 5.27 0.00	132.22 4.89 0.00	110.77 3.46 0.00	107.99 3.25 0.00
NYPA_VERNON____GT3 24163	105.97 3.91 0.00	118.72 4.21 0.00	108.93 3.74 0.00	121.01 3.73 0.00	125.79 4.05 0.00	123.18 4.01 0.00	125.43 4.46 0.00	85.10 3.62 0.00	98.14 4.26 0.00	109.24 4.45 0.00	138.57 5.91 0.00	129.56 5.93 0.00	124.82 5.59 0.00	119.88 4.84 0.00	125.88 4.97 0.00	134.66 5.26 0.00	154.50 6.17 0.00	145.19 5.70 0.00	149.69 5.91 0.00	138.86 5.60 0.00	142.61 5.27 0.00	132.22 4.89 0.00	110.77 3.46 0.00	107.99 3.25 0.00
NYPA____ASTORIA_CC1 323568	105.78 3.72 0.00	118.54 4.02 0.00	108.75 3.57 0.00	120.84 3.56 0.00	125.59 3.85 0.00	122.99 3.81 0.00	125.30 4.34 0.00	84.98 3.50 0.00	98.02 4.14 0.00	109.05 4.26 0.00	138.37 5.71 0.00	129.37 5.75 0.00	124.61 5.39 0.00	119.65 4.61 0.00	125.64 4.72 0.00	134.40 5.00 0.00	154.22 5.89 0.00	144.94 5.44 0.00	149.44 5.66 0.00	138.59 5.34 0.00	142.34 5.00 0.00	131.97 4.64 0.00	110.55 3.23 0.00	107.77 3.03 0.00
NYPA____ASTORIA_CC2 323569	105.78 3.72 0.00	118.54 4.02 0.00	108.75 3.57 0.00	120.84 3.56 0.00	125.59 3.85 0.00	122.99 3.81 0.00	125.30 4.34 0.00	84.98 3.50 0.00	98.02 4.14 0.00	109.05 4.26 0.00	138.37 5.71 0.00	129.37 5.75 0.00	124.61 5.39 0.00	119.65 4.61 0.00	125.64 4.72 0.00	134.40 5.00 0.00	154.22 5.89 0.00	144.94 5.44 0.00	149.44 5.66 0.00	138.59 5.34 0.00	142.34 5.00 0.00	131.97 4.64 0.00	110.55 3.23 0.00	107.77 3.03 0.00
NYPA____HOLTSVILL 23794	108.79 6.72 0.00	121.55 7.03 0.00	111.47 6.28 0.00	123.74 6.46 0.00	151.08 7.48 -21.86	160.59 7.47 -33.95	200.82 7.79 -72.06	145.51 6.36 -57.66	211.85 7.23 -110.74	202.81 7.13 -90.89	141.18 7.49 -1.03	156.34 8.23 -24.49	250.87 8.39 -123.26	207.74 8.28 -84.42	265.11 8.38 -135.81	242.17 7.84 -104.94	229.88 9.36 -72.19	256.19 8.70 -108.00	277.28 8.90 -124.60	262.53 8.49 -120.78	230.90 7.97 -85.59	222.18 7.23 -87.62	121.52 4.98 -9.23	158.92 5.41 -48.77
NYPA____HELLGATE_GT1 24158	105.60 3.53 0.00	118.29 3.78 0.00	108.57 3.38 0.00	120.95 3.66 0.00	125.71 3.96 0.00	123.10 3.93 0.00	125.46 4.49 0.00	85.15 3.66 0.00	98.24 4.36 0.00	109.20 4.41 0.00	138.41 5.75 0.00	129.35 5.73 0.00	124.74 5.51 0.00	119.81 4.77 0.00	125.85 4.93 0.00	134.64 5.24 0.00	154.56 6.23 0.00	145.29 5.79 0.00	149.77 5.98 0.00	138.90 5.64 0.00	142.60 5.26 0.00	132.27 4.94 0.00	110.91 3.59 0.00	108.01 3.27 0.00
NYPA____HELLGATE_GT2 24159	105.60 3.53 0.00	118.29 3.78 0.00	108.57 3.38 0.00	120.95 3.66 0.00	125.71 3.96 0.00	123.10 3.93 0.00	125.46 4.49 0.00	85.15 3.66 0.00	98.24 4.36 0.00	109.20 4.41 0.00	138.41 5.75 0.00	129.35 5.73 0.00	124.74 5.51 0.00	119.81 4.77 0.00	125.85 4.93 0.00	134.64 5.24 0.00	154.56 6.23 0.00	145.29 5.79 0.00	149.77 5.98 0.00	138.90 5.64 0.00	142.60 5.26 0.00	132.27 4.94 0.00	110.91 3.59 0.00	108.01 3.27 0.00
NYS_BARGE____HYD 23848	90.43 -9.01 2.63	99.99 -10.65 3.86	90.11 -11.57 3.50	98.98 -12.61 5.69	103.70 -13.15 4.89	99.75 -12.95 6.48	101.57 -15.94 3.46	66.01 -12.37 3.10	73.24 -14.05 6.58	61.82 -14.80 28.16	89.19 -18.96 24.51	95.09 -18.19 10.34	98.82 -17.49 2.92	95.89 -16.34 2.81	77.04 -17.24 26.64	64.96 -17.62 46.82	72.19 -19.45 56.68	52.15 -18.14 69.21	58.72 -19.39 65.66	38.22 -17.25 77.79	39.27 -17.35 80.72	51.84 -15.90 59.59	81.44 -11.94 13.93	77.99 -11.82 14.93
OAK ORCHARD____HYD 24046	95.59 -4.96 1.52	106.25 -6.04 2.23	96.53 -6.63 2.02	106.74 -7.26 3.28	111.41 -7.51 2.82	108.14 -7.30 3.74	110.53 -8.44 2.00	73.30 -6.39 1.79	82.95 -7.13 3.80	81.06 -7.48 16.25	108.89 -9.63 14.14	108.36 -9.30 5.97	108.63 -8.91 1.69	105.18 -8.23 1.63	96.90 -8.64 15.37	93.74 -8.64 27.01	106.38 -9.24 32.71	91.07 -8.49 39.94	96.65 -9.24 37.90	80.14 -8.22 44.89	82.28 -8.47 46.58	85.05 -7.89 34.39	93.20 -6.08 8.04	89.95 -6.17 8.62

OAKDALE___35_KV_LOAD 356122	100.69 -1.38 0.00	112.79 -1.73 0.00	103.25 -1.93 0.00	115.21 -2.07 0.00	119.69 -2.05 0.00	117.13 -2.05 0.00	118.70 -2.27 0.00	79.82 -1.66 0.00	92.10 -1.78 0.00	102.78 -2.01 0.00	130.11 -2.55 0.00	121.58 -2.04 0.00	117.16 -2.07 0.00	113.19 -1.86 0.00	118.78 -2.14 0.00	127.38 -2.02 0.00	146.34 -1.99 0.00	137.62 -1.87 0.00	141.83 -1.95 0.00	131.59 -1.66 0.00	135.35 -1.99 0.00	125.23 -2.10 0.00	105.32 -2.00 0.00	102.91 -1.83 0.00
OCC_CHEM___DRP 24175	92.03 -10.03 0.00	102.79 -11.72 0.00	92.59 -12.59 0.00	103.55 -13.73 0.00	107.39 -14.35 0.00	104.86 -14.31 0.00	104.29 -16.67 0.00	68.68 -12.80 0.00	79.29 -14.59 0.00	89.33 -15.46 0.00	112.95 -19.71 0.00	104.66 -18.97 0.00	101.08 -18.14 0.00	97.98 -17.06 0.00	102.89 -18.02 0.00	110.86 -18.53 0.00	127.57 -20.76 0.00	120.20 -19.29 0.00	123.14 -20.64 0.00	114.89 -18.36 0.00	118.79 -18.55 0.00	110.40 -16.93 0.00	94.72 -12.60 0.00	92.37 -12.37 0.00
OH_GEN_PROXY 24063	89.46 -9.59 3.02	98.84 -11.23 4.44	89.17 -11.99 4.02	97.64 -13.09 6.54	102.47 -13.65 5.63	98.22 -13.51 7.45	101.20 -15.79 3.98	65.86 -12.05 3.56	39.67 -13.73 40.48	57.91 -14.50 32.39	-248.38 -18.50 362.54	67.47 -17.72 38.43	98.86 -17.00 3.36	95.91 -15.89 3.24	73.46 -16.82 30.64	58.31 -17.25 53.83	64.04 -19.11 65.18	42.04 -17.87 79.59	49.24 -19.02 75.51	26.86 -16.94 89.45	27.35 -17.17 92.83	43.06 -15.74 68.53	79.40 -11.90 16.01	75.82 -11.75 17.17
OLIN_CORP_DRP 24177	92.39 -9.68 0.00	103.14 -11.37 0.00	92.90 -12.29 0.00	103.86 -13.43 0.00	107.77 -13.98 0.00	105.25 -13.92 0.00	103.83 -17.14 0.00	68.19 -13.29 0.00	78.69 -15.19 0.00	88.66 -16.13 0.00	112.09 -20.57 0.00	103.88 -19.74 0.00	100.30 -18.93 0.00	97.31 -17.73 0.00	102.17 -18.74 0.00	110.04 -19.35 0.00	126.74 -21.59 0.00	119.41 -20.08 0.00	122.36 -21.42 0.00	114.12 -19.14 0.00	118.19 -19.16 0.00	109.88 -17.44 0.00	94.25 -13.07 0.00	91.88 -12.86 0.00
OLIN_CORP_DSASP 323712	92.03 -10.03 0.00	102.79 -11.72 0.00	92.59 -12.59 0.00	103.55 -13.73 0.00	107.39 -14.35 0.00	104.86 -14.31 0.00	104.29 -16.67 0.00	68.68 -12.80 0.00	79.29 -14.59 0.00	89.33 -15.46 0.00	112.95 -19.71 0.00	104.66 -18.97 0.00	101.08 -18.14 0.00	97.98 -17.06 0.00	102.89 -18.02 0.00	110.86 -18.53 0.00	127.57 -20.76 0.00	120.20 -19.29 0.00	123.14 -20.64 0.00	114.89 -18.36 0.00	118.79 -18.55 0.00	110.40 -16.93 0.00	94.72 -12.60 0.00	92.37 -12.37 0.00
ONEIDA_HERK_LFGE 323681	103.66 1.59 0.00	115.97 1.46 0.00	106.93 1.75 0.00	119.34 2.06 0.00	123.51 1.76 0.00	120.70 1.52 0.00	123.30 2.33 0.00	82.82 1.34 0.00	96.11 2.23 0.00	107.48 2.69 0.00	135.58 2.92 0.00	126.00 2.37 0.00	120.88 1.65 0.00	116.40 1.36 0.00	123.14 2.22 0.00	132.59 3.19 0.00	151.30 2.97 0.00	143.09 3.59 0.00	148.13 4.35 0.00	137.25 4.00 0.00	141.41 4.07 0.00	130.89 3.56 0.00	110.41 3.10 0.00	107.58 2.84 0.00
ONEIDA___115KV_TB4 55905	104.23 2.16 0.00	116.75 2.23 0.00	107.33 2.15 0.00	119.92 2.64 0.00	124.42 2.68 0.00	121.81 2.63 0.00	123.91 2.94 0.00	83.45 1.97 0.00	96.49 2.62 0.00	107.67 2.88 0.00	136.08 3.42 0.00	126.76 3.14 0.00	121.93 2.70 0.00	117.75 2.71 0.00	124.06 3.14 0.00	133.22 3.83 0.00	152.70 4.37 0.00	143.67 4.17 0.00	148.15 4.36 0.00	136.92 3.67 0.00	140.91 3.57 0.00	130.40 3.08 0.00	109.62 2.30 0.00	106.84 2.10 0.00
ONONDAGA_REF_OCCRA 23987	100.13 -1.94 0.00	112.14 -2.38 0.00	102.71 -2.48 0.00	114.70 -2.58 0.00	119.11 -2.64 0.00	116.43 -2.75 0.00	118.18 -2.79 0.00	79.59 -1.89 0.00	91.81 -2.06 0.00	102.53 -2.26 0.00	129.72 -2.94 0.00	120.84 -2.79 0.00	116.55 -2.67 0.00	112.54 -2.51 0.00	118.30 -2.61 0.00	126.81 -2.59 0.00	145.77 -2.56 0.00	137.15 -2.35 0.00	141.24 -2.55 0.00	130.94 -2.32 0.00	134.80 -2.54 0.00	124.82 -2.51 0.00	104.90 -2.41 0.00	102.33 -2.42 0.00
ONONDAGA___COGEN 23986	100.09 -1.97 0.00	112.03 -2.48 0.00	102.64 -2.55 0.00	114.50 -2.78 0.00	118.96 -2.79 0.00	116.42 -2.76 0.00	118.09 -2.88 0.00	79.50 -1.98 0.00	91.76 -2.12 0.00	102.44 -2.35 0.00	129.57 -3.09 0.00	120.73 -2.89 0.00	116.40 -2.82 0.00	112.43 -2.61 0.00	118.17 -2.75 0.00	126.71 -2.69 0.00	145.53 -2.79 0.00	136.91 -2.58 0.00	141.03 -2.75 0.00	130.78 -2.47 0.00	134.59 -2.75 0.00	124.66 -2.67 0.00	104.80 -2.52 0.00	102.22 -2.52 0.00
ONTARIO___LFGE 23819	98.46 -2.70 0.91	109.72 -3.46 1.34	100.17 -3.80 1.21	111.10 -4.21 1.97	115.79 -4.26 1.69	112.92 -4.02 2.24	115.19 -4.58 1.20	77.01 -3.40 1.07	88.11 -3.49 2.28	91.37 -3.68 9.75	119.28 -4.90 8.48	115.24 -4.80 3.58	113.55 -4.66 1.01	109.88 -4.19 0.97	107.24 -4.46 9.22	108.88 -4.30 16.20	124.40 -4.31 19.62	111.66 -3.88 23.96	116.68 -4.37 22.73	102.49 -3.84 26.93	105.29 -4.12 27.94	102.68 -4.02 20.63	99.15 -3.34 4.82	96.13 -3.45 5.17
ORANGEVILLE_WT_PWR 323706	92.79 -7.82 1.46	102.69 -9.68 2.14	92.59 -10.65 1.94	102.72 -11.41 3.16	107.87 -11.16 2.71	104.52 -11.06 3.59	105.99 -13.06 1.92	69.95 -9.82 1.72	79.79 -10.43 3.65	78.18 -10.99 15.62	105.05 -14.02 13.59	105.35 -12.53 5.74	105.47 -12.13 1.62	102.30 -11.18 1.56	94.19 -11.95 14.78	91.50 -11.92 25.97	104.00 -12.88 31.44	88.72 -12.39 38.39	93.81 -13.55 36.43	78.14 -11.96 43.15	80.23 -12.33 44.78	82.33 -11.95 33.06	90.30 -9.29 7.72	87.49 -8.97 8.28
ORANGEVILLE___ESR 323794	92.79 -7.82 1.46	102.69 -9.68 2.14	92.59 -10.65 1.94	102.72 -11.41 3.16	107.87 -11.16 2.71	104.52 -11.06 3.59	105.99 -13.06 1.92	69.95 -9.82 1.72	79.79 -10.43 3.65	78.18 -10.99 15.62	105.05 -14.02 13.59	105.35 -12.53 5.74	105.47 -12.13 1.62	102.30 -11.18 1.56	94.19 -11.95 14.78	91.50 -11.92 25.97	104.00 -12.88 31.44	88.72 -12.39 38.39	93.81 -13.55 36.43	78.14 -11.96 43.15	80.23 -12.33 44.78	82.33 -11.95 33.06	90.30 -9.29 7.72	87.49 -8.97 8.28
OSWEGATCHIE___HYD 24044	102.53 0.47 0.00	114.93 0.41 0.00	106.32 1.14 0.00	118.44 1.15 0.00	122.09 0.35 0.00	118.68 -0.50 0.00	121.24 0.27 0.00	81.33 -0.15 0.00	94.39 0.51 0.00	105.86 1.07 0.00	133.72 1.06 0.00	124.09 0.46 0.00	118.85 -0.38 0.00	114.53 -0.51 0.00	121.37 0.46 0.00	130.37 0.98 0.00	147.33 -1.00 0.00	139.57 0.07 0.00	144.72 0.94 0.00	134.35 1.10 0.00	138.59 1.25 0.00	128.57 1.24 0.00	109.67 2.35 0.00	107.03 2.29 0.00
OSWEGO___5 23606	98.50 -3.57 0.00	110.32 -4.20 0.00	101.13 -4.06 0.00	112.81 -4.48 0.00	117.11 -4.64 0.00	114.64 -4.54 0.00	116.25 -4.72 0.00	78.21 -3.27 0.00	90.21 -3.67 0.00	100.71 -4.09 0.00	127.45 -5.21 0.00	118.75 -4.87 0.00	114.48 -4.74 0.00	110.53 -4.51 0.00	116.19 -4.72 0.00	124.52 -4.87 0.00	142.92 -5.41 0.00	134.47 -5.03 0.00	138.53 -5.25 0.00	128.45 -4.80 0.00	132.28 -5.06 0.00	122.56 -4.77 0.00	103.23 -4.09 0.00	100.74 -4.01 0.00
OSWEGO___6 23613	98.50 -3.57 0.00	110.32 -4.20 0.00	101.13 -4.06 0.00	112.81 -4.48 0.00	117.11 -4.64 0.00	114.64 -4.54 0.00	116.25 -4.72 0.00	78.21 -3.27 0.00	90.21 -3.67 0.00	100.71 -4.09 0.00	127.45 -5.21 0.00	118.75 -4.87 0.00	114.48 -4.74 0.00	110.53 -4.51 0.00	116.19 -4.72 0.00	124.52 -4.87 0.00	142.92 -5.41 0.00	134.47 -5.03 0.00	138.53 -5.25 0.00	128.45 -4.80 0.00	132.28 -5.06 0.00	122.56 -4.77 0.00	103.23 -4.09 0.00	100.74 -4.01 0.00

OUTOKUMPU-AB___DRP 24206	93.46 -8.61 0.00	104.38 -10.13 0.00	94.02 -11.16 0.00	105.17 -12.12 0.00	109.16 -12.59 0.00	106.60 -12.57 0.00	105.91 -15.06 0.00	69.84 -11.65 0.00	80.70 -13.18 0.00	90.92 -13.87 0.00	114.84 -17.82 0.00	106.67 -16.95 0.00	102.96 -16.27 0.00	99.91 -15.13 0.00	104.86 -16.06 0.00	113.05 -16.34 0.00	130.00 -18.33 0.00	122.47 -17.02 0.00	125.42 -18.36 0.00	116.99 -16.26 0.00	120.93 -16.41 0.00	112.38 -14.95 0.00	96.20 -11.12 0.00	93.78 -10.96 0.00
OXBOW___BTM 323836	89.66 -9.50 2.91	99.18 -11.05 4.28	89.35 -11.96 3.87	97.95 -13.03 6.30	102.69 -13.64 5.41	98.59 -13.42 7.17	101.23 -15.91 3.83	65.76 -12.29 3.43	72.65 -13.94 7.28	58.98 -14.63 31.18	86.83 -18.70 27.13	94.26 -17.92 11.45	98.75 -17.24 3.24	95.78 -16.15 3.12	74.35 -17.08 29.49	60.19 -17.38 51.82	65.84 -19.75 62.74	44.46 -18.43 76.60	51.35 -19.75 72.68	29.64 -17.51 86.10	30.31 -17.68 89.35	45.24 -16.12 65.96	79.96 -11.94 15.42	76.50 -11.72 16.53
OXBOW___ 24026	92.56 -9.51 0.00	103.42 -11.09 0.00	93.16 -12.02 0.00	104.20 -13.09 0.00	108.09 -13.65 0.00	105.57 -13.60 0.00	104.97 -16.00 0.00	69.17 -12.31 0.00	79.88 -14.00 0.00	90.04 -14.76 0.00	113.78 -18.88 0.00	105.52 -18.10 0.00	101.90 -17.33 0.00	98.82 -16.22 0.00	103.75 -17.17 0.00	111.80 -17.59 0.00	128.24 -20.08 0.00	120.81 -18.69 0.00	123.72 -20.06 0.00	115.45 -17.81 0.00	119.35 -17.99 0.00	110.93 -16.40 0.00	95.25 -12.07 0.00	92.94 -11.80 0.00
OXY_CHEM_DSASP 323612	92.03 -10.03 0.00	102.79 -11.72 0.00	92.59 -12.59 0.00	103.55 -13.73 0.00	107.39 -14.35 0.00	104.86 -14.31 0.00	104.29 -16.67 0.00	68.68 -12.80 0.00	79.29 -14.59 0.00	89.33 -15.46 0.00	112.95 -19.71 0.00	104.66 -18.97 0.00	101.08 -18.14 0.00	97.98 -17.06 0.00	102.89 -18.02 0.00	110.86 -18.53 0.00	127.57 -20.76 0.00	120.20 -19.29 0.00	123.14 -20.64 0.00	114.89 -18.36 0.00	118.79 -18.55 0.00	110.40 -16.93 0.00	94.72 -12.60 0.00	92.37 -12.37 0.00
OZONE_PARK_ESR 323760	107.08 5.02 0.00	119.95 5.44 0.00	110.00 4.82 0.00	122.14 4.86 0.00	126.92 5.18 0.00	124.34 5.17 0.00	126.64 5.67 0.00	85.95 4.47 0.00	99.12 5.24 0.00	110.33 5.54 0.00	139.91 7.25 0.00	130.82 7.19 0.00	126.08 6.86 0.00	121.22 6.17 0.00	127.23 6.32 0.00	136.11 6.72 0.00	156.22 7.89 0.00	146.81 7.31 0.00	151.44 7.66 0.00	140.46 7.21 0.00	144.26 6.92 0.00	133.70 6.37 0.00	111.98 4.67 0.00	109.15 4.41 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	92.03 -10.03 0.00	102.79 -11.72 0.00	92.59 -12.59 0.00	103.55 -13.73 0.00	107.39 -14.35 0.00	104.86 -14.31 0.00	104.29 -16.67 0.00	68.68 -12.80 0.00	79.29 -14.59 0.00	89.33 -15.46 0.00	112.95 -19.71 0.00	104.66 -18.97 0.00	101.08 -18.14 0.00	97.98 -17.06 0.00	102.89 -18.02 0.00	110.86 -18.53 0.00	127.57 -20.76 0.00	120.20 -19.29 0.00	123.14 -20.64 0.00	114.89 -18.36 0.00	118.79 -18.55 0.00	110.40 -16.93 0.00	94.72 -12.60 0.00	92.37 -12.37 0.00
PACKARD__115KV_DUPONT_184 80571	89.17 -10.01 2.88	98.57 -11.70 4.24	88.80 -12.54 3.84	97.35 -13.68 6.25	102.03 -14.34 5.37	97.93 -14.13 7.11	100.62 -16.55 3.80	65.30 -12.78 3.40	72.11 -14.54 7.23	58.58 -15.29 30.92	86.21 -19.54 26.91	93.47 -18.80 11.36	97.95 -18.06 3.21	94.97 -16.98 3.09	73.71 -17.96 29.25	59.67 -18.32 51.40	65.68 -20.41 62.24	44.49 -19.02 75.98	51.37 -20.31 72.10	29.79 -18.05 85.41	30.47 -18.24 88.63	45.26 -16.64 65.43	79.55 -12.47 15.29	76.05 -12.30 16.39
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	105.68 3.62 0.00	118.41 3.89 0.00	108.68 3.50 0.00	120.83 3.55 0.00	125.60 3.86 0.00	123.02 3.85 0.00	125.35 4.38 0.00	85.05 3.57 0.00	98.12 4.24 0.00	109.09 4.29 0.00	138.32 5.65 0.00	129.26 5.64 0.00	124.61 5.38 0.00	119.69 4.65 0.00	125.75 4.84 0.00	134.55 5.15 0.00	154.44 6.11 0.00	145.16 5.66 0.00	149.62 5.83 0.00	138.77 5.52 0.00	142.50 5.15 0.00	132.15 4.82 0.00	110.77 3.45 0.00	107.89 3.14 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	107.67 5.60 0.00	120.65 6.14 0.00	110.73 5.54 0.00	123.15 5.87 0.00	128.04 6.29 0.00	125.49 6.31 0.00	127.86 6.90 0.00	86.72 5.23 0.00	100.02 6.14 0.00	111.19 6.40 0.00	140.96 8.30 0.00	131.68 8.06 0.00	126.93 7.70 0.00	121.94 6.91 0.00	128.09 7.17 0.00	137.13 7.73 0.00	157.47 9.14 0.00	147.96 8.46 0.00	152.47 8.69 0.00	141.35 8.09 0.00	145.04 7.69 0.00	134.54 7.21 0.00	112.72 5.41 0.00	109.83 5.09 0.00
PATROON__115KV_TB1 80586	106.12 4.05 0.00	119.46 4.94 0.00	109.69 4.50 0.00	122.30 5.01 0.00	127.01 5.27 0.00	124.20 5.03 0.00	125.66 4.69 0.00	84.72 3.24 0.00	97.45 3.58 0.00	108.70 3.91 0.00	137.37 4.72 0.00	128.55 4.93 0.00	124.20 4.97 0.00	119.36 4.32 0.00	125.09 4.17 0.00	133.51 4.12 0.00	152.71 4.38 0.00	143.87 4.37 0.00	148.52 4.74 0.00	137.69 4.43 0.00	141.98 4.64 0.00	131.71 4.38 0.00	111.27 3.95 0.00	109.07 4.33 0.00
PATTRSNVILLE___SOLAR 323815	105.34 3.27 0.00	118.24 3.73 0.00	108.61 3.43 0.00	121.06 3.78 0.00	125.75 4.00 0.00	123.21 4.04 0.00	125.19 4.22 0.00	84.41 2.92 0.00	97.07 3.19 0.00	108.05 3.25 0.00	136.64 3.98 0.00	127.47 3.85 0.00	123.01 3.78 0.00	118.63 3.59 0.00	125.26 4.35 0.00	134.21 4.82 0.00	154.16 5.82 0.00	144.98 5.49 0.00	149.34 5.55 0.00	138.30 5.05 0.00	142.32 4.98 0.00	131.88 4.55 0.00	110.84 3.53 0.00	108.11 3.37 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	95.79 -6.28 0.00	106.85 -7.67 0.00	96.39 -8.80 0.00	107.88 -9.40 0.00	112.12 -9.62 0.00	109.40 -9.78 0.00	109.12 -11.85 0.00	72.39 -9.09 0.00	83.64 -10.24 0.00	94.11 -10.68 0.00	119.00 -13.66 0.00	110.93 -12.69 0.00	106.99 -12.24 0.00	103.83 -11.21 0.00	108.90 -12.02 0.00	117.37 -12.03 0.00	135.22 -13.11 0.00	127.29 -12.20 0.00	130.49 -13.29 0.00	121.65 -11.60 0.00	125.50 -11.84 0.00	116.34 -10.99 0.00	99.16 -8.15 0.00	96.68 -8.06 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	107.23 5.16 0.00	120.22 5.71 0.00	110.26 5.08 0.00	122.65 5.37 0.00	127.51 5.77 0.00	124.94 5.77 0.00	127.25 6.28 0.00	86.23 4.74 0.00	99.39 5.52 0.00	110.64 5.84 0.00	140.30 7.64 0.00	131.10 7.47 0.00	126.41 7.18 0.00	121.69 6.66 0.00	127.64 6.72 0.00	136.52 7.13 0.00	156.84 8.51 0.00	147.42 7.93 0.00	152.02 8.23 0.00	140.86 7.61 0.00	144.75 7.41 0.00	134.09 6.76 0.00	112.31 5.00 0.00	109.50 4.76 0.00
PEEKSKILL___ 23653	105.43 3.36 0.00	118.19 3.67 0.00	108.48 3.29 0.00	120.61 3.33 0.00	125.36 3.61 0.00	122.82 3.64 0.00	125.00 4.03 0.00	84.73 3.24 0.00	97.64 3.77 0.00	108.56 3.76 0.00	137.62 4.96 0.00	128.68 5.05 0.00	124.10 4.87 0.00	119.43 4.40 0.00	125.31 4.39 0.00	134.06 4.67 0.00	153.94 5.61 0.00	144.66 5.16 0.00	149.19 5.40 0.00	138.32 5.07 0.00	142.16 4.82 0.00	131.79 4.46 0.00	110.36 3.05 0.00	107.69 2.95 0.00
PGE MADISON___WINDPWR 24146	107.54 5.47 0.00	121.00 6.48 0.00	110.99 5.80 0.00	124.12 6.83 0.00	128.02 6.28 0.00	125.11 5.93 0.00	126.39 5.43 0.00	84.44 2.95 0.00	97.78 3.90 0.00	109.75 4.96 0.00	139.09 6.43 0.00	129.47 5.84 0.00	124.07 4.84 0.00	120.53 5.49 0.00	128.22 7.30 0.00	138.35 8.96 0.00	159.48 11.15 0.00	151.16 11.67 0.00	156.06 12.28 0.00	144.62 11.36 0.00	147.58 10.24 0.00	136.36 9.03 0.00	113.61 6.30 0.00	111.04 6.30 0.00

PIERCEFIELD___HYD 23852	103.72 1.66 0.00	116.63 2.12 0.00	107.64 2.46 0.00	119.81 2.53 0.00	123.73 1.99 0.00	120.27 1.10 0.00	121.99 1.02 0.00	82.12 0.64 0.00	94.73 0.85 0.00	106.18 1.39 0.00	134.68 2.02 0.00	125.21 1.58 0.00	120.36 1.13 0.00	116.21 1.17 0.00	122.46 1.55 0.00	130.77 1.38 0.00	148.43 0.10 0.00	139.83 0.34 0.00	144.33 0.55 0.00	133.92 0.67 0.00	138.14 0.80 0.00	128.26 0.93 0.00	109.34 2.02 0.00	106.87 2.13 0.00
PINELAWN_CC_1 323563	108.50 6.44 0.00	121.24 6.73 0.00	111.22 6.04 0.00	123.34 6.06 0.00	129.46 6.76 -0.95	127.36 6.71 -1.48	131.22 7.12 -3.14	89.94 5.95 -2.51	105.58 6.87 -4.83	115.58 6.75 -4.04	140.35 7.52 -0.17	132.82 8.03 -1.16	132.59 7.88 -5.48	126.51 7.71 -3.75	134.71 7.76 -6.03	141.85 7.61 -4.84	161.52 9.28 -3.91	153.36 8.58 -5.28	158.71 8.80 -6.12	147.36 8.38 -5.72	149.44 7.84 -4.26	138.56 7.08 -4.15	113.39 4.95 -1.12	112.02 5.11 -2.17
PJM_GEN_HTTP_PROXY 323702	106.06 3.99 0.00	118.81 4.29 0.00	109.00 3.82 0.00	121.08 3.80 0.00	125.83 4.09 0.00	123.24 4.07 0.00	125.54 4.57 0.00	85.16 3.68 0.00	98.18 4.30 0.00	109.23 4.44 0.00	138.48 5.82 0.00	129.50 5.87 0.00	124.84 5.61 0.00	120.04 5.00 0.00	125.98 5.07 0.00	134.74 5.35 0.00	147.54 6.28 7.07	145.30 5.80 0.00	149.86 6.07 0.00	138.97 5.72 0.00	142.74 5.40 0.00	131.72 5.00 0.61	110.85 3.54 0.00	108.10 3.36 0.00
PJM_GEN_KEystone 24065	37.29 -2.74 62.04	45.11 -3.33 66.07	46.09 -3.65 55.45	54.54 -4.15 58.59	57.44 -4.10 60.21	73.98 -4.11 41.07	112.53 -4.57 3.87	74.91 -3.11 3.46	82.97 -3.55 7.36	69.19 -4.12 31.49	44.18 -5.22 83.26	31.67 -4.33 87.62	-1.03 -4.14 116.12	7.91 -3.91 103.23	20.49 -4.43 96.00	2.22 -4.36 122.82	72.08 -4.52 71.73	57.66 -4.46 77.37	65.69 -4.68 73.41	42.25 -4.04 86.96	42.67 -4.43 90.24	55.94 -4.15 67.23	88.12 -3.63 15.57	84.53 -3.52 16.69
PJM_GEN_NEPTUNE_PROXY 323594	107.09 5.02 0.00	119.76 5.25 0.00	109.92 4.74 0.00	121.95 4.67 0.00	127.05 5.30 0.00	124.49 5.32 0.00	126.66 5.69 0.00	86.33 4.85 0.00	99.46 5.58 0.00	110.21 5.41 0.00	138.68 6.02 0.00	130.24 6.61 0.00	125.82 6.59 0.00	121.47 6.43 0.00	127.28 6.37 0.00	135.48 6.09 0.00	148.66 7.40 7.07	146.33 6.83 0.00	150.74 6.96 0.00	139.94 6.69 0.00	143.46 6.12 0.00	132.27 5.55 0.61	110.98 3.67 0.00	108.67 3.93 0.00
PJM_GEN_VFT_PROXY 323633	105.51 3.45 0.00	118.20 3.69 0.00	108.47 3.28 0.00	120.44 3.16 0.00	125.16 3.42 0.00	122.60 3.42 0.00	124.84 3.87 0.00	84.68 3.20 0.00	97.66 3.78 0.00	108.57 3.78 0.00	116.69 4.97 20.94	106.34 5.09 22.37	124.07 4.85 0.01	119.29 4.25 0.01	125.18 4.26 0.00	133.95 4.55 0.00	146.69 5.43 7.07	144.49 5.00 0.00	149.02 5.23 0.00	138.18 4.93 0.00	141.94 4.60 0.00	130.98 4.26 0.61	110.21 2.89 0.00	107.45 2.71 0.00
PLATSBURG_115KV_PMLD1 355749	104.79 2.72 0.00	117.47 2.96 0.00	108.15 2.97 0.00	120.48 3.20 0.00	125.70 3.96 0.00	123.23 4.05 0.00	125.46 4.49 0.00	84.58 3.10 0.00	97.07 3.19 0.00	108.14 3.34 0.00	137.43 4.77 0.00	128.18 4.56 0.00	123.29 4.06 0.00	119.00 3.96 0.00	124.87 3.95 0.00	133.84 4.45 0.00	152.81 4.48 0.00	143.06 3.57 0.00	147.30 3.52 0.00	136.93 3.68 0.00	141.03 3.69 0.00	130.85 3.53 0.00	109.98 2.67 0.00	106.71 1.97 0.00
PLEASANTVLY___LBMP 24000	105.50 3.43 0.00	118.33 3.82 0.00	108.62 3.44 0.00	120.83 3.55 0.00	125.58 3.84 0.00	123.02 3.84 0.00	125.22 4.25 0.00	84.79 3.30 0.00	97.63 3.75 0.00	108.61 3.81 0.00	137.69 5.03 0.00	128.70 5.07 0.00	124.10 4.88 0.00	119.51 4.47 0.00	125.38 4.46 0.00	134.05 4.66 0.00	153.85 5.53 0.00	144.58 5.08 0.00	149.14 5.36 0.00	138.23 4.97 0.00	142.15 4.81 0.00	131.77 4.44 0.00	110.49 3.18 0.00	107.87 3.13 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	106.01 3.94 0.00	118.86 4.35 0.00	109.04 3.85 0.00	121.22 3.94 0.00	126.00 4.26 0.00	123.44 4.26 0.00	125.67 4.70 0.00	85.19 3.71 0.00	98.15 4.27 0.00	109.22 4.42 0.00	138.45 5.79 0.00	129.44 5.81 0.00	124.82 5.59 0.00	120.13 5.09 0.00	126.03 5.12 0.00	134.79 5.39 0.00	154.73 6.40 0.00	145.43 5.93 0.00	150.00 6.22 0.00	139.05 5.79 0.00	142.90 5.56 0.00	132.44 5.12 0.00	110.98 3.66 0.00	108.25 3.51 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	106.01 3.94 0.00	118.86 4.35 0.00	109.04 3.85 0.00	121.22 3.94 0.00	126.00 4.26 0.00	123.44 4.26 0.00	125.67 4.70 0.00	85.19 3.71 0.00	98.15 4.27 0.00	109.22 4.42 0.00	138.45 5.79 0.00	129.44 5.81 0.00	124.82 5.59 0.00	120.13 5.09 0.00	126.03 5.12 0.00	134.79 5.39 0.00	154.73 6.40 0.00	145.43 5.93 0.00	150.00 6.22 0.00	139.05 5.79 0.00	142.90 5.56 0.00	132.44 5.12 0.00	110.98 3.66 0.00	108.25 3.51 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	106.83 4.77 0.00	119.81 5.30 0.00	109.93 4.75 0.00	122.31 5.03 0.00	127.14 5.40 0.00	124.59 5.41 0.00	126.85 5.89 0.00	85.94 4.46 0.00	98.98 5.11 0.00	110.17 5.38 0.00	139.70 7.04 0.00	130.54 6.91 0.00	125.87 6.64 0.00	121.22 6.18 0.00	127.09 6.18 0.00	135.94 6.55 0.00	156.22 7.89 0.00	146.85 7.36 0.00	151.45 7.67 0.00	140.31 7.05 0.00	144.22 6.87 0.00	133.63 6.30 0.00	111.97 4.66 0.00	109.21 4.48 0.00
POLETTI_____ 23519	104.53 2.46 0.00	116.98 2.46 0.00	107.37 2.18 0.00	120.77 3.49 0.00	125.53 3.79 0.00	122.96 3.79 0.00	125.22 4.26 0.00	85.00 3.52 0.00	98.02 4.14 0.00	109.01 4.22 0.00	138.37 5.71 0.00	129.39 5.77 0.00	124.69 5.47 0.00	119.75 4.71 0.00	125.67 4.76 0.00	134.42 5.02 0.00	154.28 5.95 0.00	144.95 5.45 0.00	149.52 5.74 0.00	138.70 5.44 0.00	142.44 5.10 0.00	132.04 4.71 0.00	110.61 3.30 0.00	107.90 3.16 0.00
POMONA___ESR 323819	105.03 2.97 0.00	117.77 3.25 0.00	108.13 2.94 0.00	120.17 2.89 0.00	124.96 3.22 0.00	122.38 3.20 0.00	124.59 3.63 0.00	84.43 2.95 0.00	97.29 3.41 0.00	108.15 3.35 0.00	137.07 4.42 0.00	128.17 4.54 0.00	123.63 4.40 0.00	118.99 3.95 0.00	124.84 3.93 0.00	133.64 4.25 0.00	153.47 5.14 0.00	144.22 4.73 0.00	148.70 4.92 0.00	137.87 4.62 0.00	141.74 4.40 0.00	131.41 4.08 0.00	110.03 2.71 0.00	107.32 2.58 0.00
PORT_JEFF_3 23555	109.08 7.01 0.00	121.86 7.35 0.00	111.76 6.57 0.00	124.05 6.77 0.00	151.92 7.82 -22.34	161.66 7.79 -34.70	202.77 8.14 -73.66	147.02 6.60 -58.94	214.49 7.51 -113.10	204.49 7.44 -92.25	141.50 7.88 -0.97	157.02 8.59 -24.81	253.08 8.73 -125.12	209.34 8.61 -85.69	267.49 8.71 -137.86	244.01 8.20 -106.41	230.97 9.80 -72.83	257.95 9.14 -109.32	279.24 9.34 -126.11	264.54 8.90 -122.38	232.32 8.39 -86.59	223.71 7.61 -88.77	121.53 5.30 -8.92	159.93 5.68 -49.50
PORT_JEFF_4 23616	109.08 7.01 0.00	121.86 7.35 0.00	111.76 6.57 0.00	124.05 6.77 0.00	151.92 7.82 -22.34	161.66 7.79 -34.70	202.77 8.14 -73.66	147.02 6.60 -58.94	214.49 7.51 -113.10	204.49 7.44 -92.25	141.50 7.88 -0.97	157.02 8.59 -24.81	253.08 8.73 -125.12	209.34 8.61 -85.69	267.49 8.71 -137.86	244.01 8.20 -106.41	230.97 9.80 -72.83	257.95 9.14 -109.32	279.24 9.34 -126.11	264.54 8.90 -122.38	232.32 8.39 -86.59	223.71 7.61 -88.77	121.53 5.30 -8.92	159.93 5.68 -49.50

PORT_JEFF_IC 23713	109.36 7.30 0.00	122.13 7.61 0.00	112.03 6.84 0.00	124.33 7.05 0.00	153.98 8.13 -24.10	164.79 8.19 -37.43	208.91 8.49 -79.45	151.87 6.81 -63.58	223.32 7.77 -121.67	209.76 7.75 -97.21	141.67 8.21 -0.80	158.53 8.89 -26.01	260.12 9.06 -131.84	214.23 8.89 -90.29	275.22 9.04 -145.27	249.73 8.54 -111.80	233.98 10.19 -75.46	263.32 9.51 -114.31	285.33 9.74 -131.81	270.82 9.26 -128.31	236.52 8.78 -90.41	228.36 7.96 -93.07	120.92 5.52 -8.08	162.85 5.94 -52.16
PPL PILGRIM_ST_GT1 24216	109.30 7.23 0.00	122.09 7.57 0.00	112.00 6.81 0.00	124.17 6.89 0.00	131.15 7.40 -2.00	129.45 7.17 -3.11	135.08 7.52 -6.59	92.99 6.23 -5.27	111.36 7.33 -10.16	120.38 7.10 -8.49	141.51 8.00 -0.85	134.93 8.58 -2.73	138.99 8.25 -11.51	131.05 8.12 -7.89	141.76 8.15 -12.69	148.43 8.13 -10.91	169.10 9.72 -11.04	161.17 8.63 -13.04	167.75 8.72 -15.25	155.14 8.43 -13.45	156.34 8.20 -10.80	144.62 7.52 -9.77	118.16 5.59 -5.25	114.91 5.61 -4.55
PPL PILGRIM_ST_GT2 24217	109.30 7.23 0.00	122.09 7.57 0.00	112.00 6.81 0.00	124.17 6.89 0.00	131.15 7.40 -2.00	129.45 7.17 -3.11	135.08 7.52 -6.59	92.99 6.23 -5.27	111.36 7.33 -10.16	120.38 7.10 -8.49	141.51 8.00 -0.85	134.93 8.58 -2.73	138.99 8.25 -11.51	131.05 8.12 -7.89	141.76 8.15 -12.69	148.43 8.13 -10.91	169.10 9.72 -11.04	161.17 8.63 -13.04	167.75 8.72 -15.25	155.14 8.43 -13.45	156.34 8.20 -10.80	144.62 7.52 -9.77	118.16 5.59 -5.25	114.91 5.61 -4.55
PPL_SHRM_GT3 24213	109.73 7.67 0.00	122.56 8.05 0.00	112.38 7.19 0.00	124.99 7.71 0.00	152.98 9.12 -22.11	162.63 9.11 -34.34	203.22 9.36 -72.90	147.13 7.31 -58.33	214.20 8.35 -111.97	204.77 8.35 -91.63	141.80 8.22 -0.92	157.48 9.24 -24.62	253.52 10.02 -124.27	209.73 9.57 -85.11	267.63 9.78 -136.93	244.12 9.09 -105.63	230.71 10.27 -72.11	257.50 9.58 -108.43	278.57 9.72 -125.07	263.86 9.16 -121.44	231.91 8.72 -85.86	223.37 7.95 -88.09	121.53 5.60 -8.62	160.24 6.33 -49.17
PPL_SHRM_GT4 24214	109.73 7.67 0.00	122.56 8.05 0.00	112.38 7.19 0.00	124.99 7.71 0.00	152.98 9.12 -22.11	162.63 9.11 -34.34	203.22 9.36 -72.90	147.13 7.31 -58.33	214.20 8.35 -111.97	204.77 8.35 -91.63	141.80 8.22 -0.92	157.48 9.24 -24.62	253.52 10.02 -124.27	209.73 9.57 -85.11	267.63 9.78 -136.93	244.12 9.09 -105.63	230.71 10.27 -72.11	257.50 9.58 -108.43	278.57 9.72 -125.07	263.86 9.16 -121.44	231.91 8.72 -85.86	223.37 7.95 -88.09	121.53 5.60 -8.62	160.24 6.33 -49.17
PROJECT___ORANGE 1 24174	99.48 -2.59 0.00	111.37 -3.14 0.00	102.07 -3.12 0.00	113.85 -3.43 0.00	118.21 -3.53 0.00	115.70 -3.47 0.00	117.37 -3.60 0.00	78.99 -2.49 0.00	91.14 -2.74 0.00	101.76 -3.03 0.00	128.77 -3.89 0.00	120.00 -3.63 0.00	115.74 -3.49 0.00	111.74 -3.30 0.00	117.45 -3.47 0.00	125.89 -3.51 0.00	144.56 -3.77 0.00	136.03 -3.46 0.00	140.10 -3.69 0.00	129.89 -3.36 0.00	133.74 -3.60 0.00	123.83 -3.50 0.00	104.21 -3.10 0.00	101.68 -3.06 0.00
PROJECT___ORANGE 2 24166	99.48 -2.59 0.00	111.37 -3.14 0.00	102.07 -3.12 0.00	113.85 -3.43 0.00	118.21 -3.53 0.00	115.70 -3.47 0.00	117.37 -3.60 0.00	78.99 -2.49 0.00	91.14 -2.74 0.00	101.76 -3.03 0.00	128.77 -3.89 0.00	120.00 -3.63 0.00	115.74 -3.49 0.00	111.74 -3.30 0.00	117.45 -3.47 0.00	125.89 -3.51 0.00	144.56 -3.77 0.00	136.03 -3.46 0.00	140.10 -3.69 0.00	129.89 -3.36 0.00	133.74 -3.60 0.00	123.83 -3.50 0.00	104.21 -3.10 0.00	101.68 -3.06 0.00
PUCKETT___SOLAR 323809	104.13 0.67 -1.40	117.10 0.53 -2.05	107.13 0.09 -1.86	120.62 0.32 -3.03	124.62 0.27 -2.60	122.88 0.26 -3.45	122.73 -0.07 -1.84	82.86 -0.27 -1.65	97.27 -0.11 -3.50	119.52 -0.25 -14.98	145.51 -0.18 -13.03	129.20 0.07 -5.50	120.51 -0.27 -1.55	116.54 0.00 -1.50	135.11 0.02 -14.17	154.84 0.55 -24.90	179.51 1.04 -30.15	177.50 1.20 -36.81	180.06 1.35 -34.93	176.00 1.37 -41.38	181.18 0.91 -42.93	159.54 0.51 -31.69	114.73 0.01 -7.40	112.96 0.28 -7.94
PYRITES___HYD 24023	105.76 3.69 0.00	118.88 4.37 0.00	109.66 4.47 0.00	121.99 4.71 0.00	125.98 4.24 0.00	122.60 3.42 0.00	124.39 3.42 0.00	83.82 2.34 0.00	96.69 2.82 0.00	108.36 3.57 0.00	137.23 4.57 0.00	127.47 3.84 0.00	122.58 3.36 0.00	118.55 3.51 0.00	124.85 3.93 0.00	133.35 3.95 0.00	151.98 3.65 0.00	143.18 3.68 0.00	147.70 3.91 0.00	136.97 3.72 0.00	141.26 3.91 0.00	131.07 3.74 0.00	111.46 4.14 0.00	108.77 4.03 0.00
QUAKERRD_115KV_BK1 80622	95.57 -6.50 0.00	106.86 -7.66 0.00	97.26 -7.92 0.00	108.55 -8.73 0.00	112.74 -9.00 0.00	110.36 -8.81 0.00	111.27 -9.70 0.00	74.41 -7.07 0.00	85.92 -7.96 0.00	96.24 -8.55 0.00	121.72 -10.94 0.00	113.17 -10.46 0.00	109.22 -10.01 0.00	105.70 -9.34 0.00	111.08 -9.84 0.00	119.32 -10.07 0.00	137.33 -11.00 0.00	129.32 -10.17 0.00	132.86 -10.92 0.00	123.41 -9.85 0.00	127.14 -10.21 0.00	117.82 -9.51 0.00	99.76 -7.55 0.00	97.19 -7.55 0.00
QUENSBRY_115KV_TB8 356137	109.64 7.57 0.00	123.44 8.92 0.00	113.30 8.11 0.00	126.32 9.04 0.00	131.18 9.44 0.00	128.73 9.55 0.00	131.39 10.43 0.00	88.96 7.48 0.00	102.53 8.65 0.00	114.00 9.20 0.00	144.64 11.98 0.00	134.49 10.87 0.00	130.02 10.79 0.00	125.62 10.58 0.00	132.11 11.19 0.00	142.00 12.61 0.00	163.09 14.76 0.00	152.99 13.50 0.00	157.69 13.91 0.00	145.93 12.67 0.00	149.79 12.44 0.00	138.90 11.56 0.00	116.36 9.04 0.00	113.47 8.73 0.00
RAMAPO___LBMP 323565	104.74 2.68 0.00	117.45 2.94 0.00	107.83 2.64 0.00	119.87 2.59 0.00	124.65 2.91 0.00	122.11 2.94 0.00	124.29 3.32 0.00	84.20 2.72 0.00	97.00 3.13 0.00	107.84 3.05 0.00	136.70 4.04 0.00	127.81 4.19 0.00	123.27 4.04 0.00	118.64 3.60 0.00	124.53 3.62 0.00	133.28 3.88 0.00	153.09 4.76 0.00	143.87 4.37 0.00	148.30 4.52 0.00	137.51 4.25 0.00	141.38 4.04 0.00	131.07 3.74 0.00	109.77 2.45 0.00	107.08 2.34 0.00
RANKINE____ 23646	94.86 -7.21 0.00	105.74 -8.77 0.00	95.29 -9.89 0.00	106.62 -10.66 0.00	110.81 -10.93 0.00	108.10 -11.08 0.00	107.69 -13.27 0.00	71.26 -10.22 0.00	82.41 -11.47 0.00	92.76 -12.04 0.00	117.30 -15.36 0.00	109.24 -14.38 0.00	105.40 -13.83 0.00	102.26 -12.77 0.00	107.31 -13.61 0.00	115.70 -13.69 0.00	133.41 -14.92 0.00	125.52 -13.98 0.00	128.54 -15.24 0.00	119.91 -13.34 0.00	123.83 -13.51 0.00	114.84 -12.49 0.00	97.97 -9.34 0.00	95.55 -9.18 0.00
RAVENSWOOD_GT2_1 24244	106.05 3.98 0.00	118.85 4.33 0.00	109.03 3.84 0.00	121.11 3.83 0.00	125.89 4.14 0.00	123.32 4.15 0.00	125.57 4.60 0.00	85.19 3.71 0.00	98.24 4.36 0.00	109.28 4.49 0.00	138.57 5.91 0.00	129.58 5.96 0.00	124.90 5.67 0.00	120.08 5.05 0.00	126.02 5.11 0.00	134.81 5.41 0.00	154.71 6.38 0.00	145.36 5.86 0.00	149.94 6.16 0.00	139.06 5.80 0.00	142.83 5.49 0.00	132.39 5.06 0.00	110.91 3.59 0.00	108.16 3.42 0.00
RAVENSWOOD_GT2_2 24245	106.05 3.98 0.00	118.85 4.33 0.00	109.03 3.84 0.00	121.11 3.83 0.00	125.89 4.14 0.00	123.32 4.15 0.00	125.57 4.60 0.00	85.19 3.71 0.00	98.24 4.36 0.00	109.28 4.49 0.00	138.57 5.91 0.00	129.58 5.96 0.00	124.90 5.67 0.00	120.08 5.05 0.00	126.02 5.11 0.00	134.81 5.41 0.00	154.71 6.38 0.00	145.36 5.86 0.00	149.94 6.16 0.00	139.06 5.80 0.00	142.83 5.49 0.00	132.39 5.06 0.00	110.91 3.59 0.00	108.16 3.42 0.00

RAVENSWOOD_GT2_3 24246	106.14 4.07 0.00	118.88 4.37 0.00	109.08 3.90 0.00	121.16 3.88 0.00	125.93 4.18 0.00	123.35 4.18 0.00	125.62 4.66 0.00	85.22 3.73 0.00	98.26 4.38 0.00	109.32 4.53 0.00	138.60 5.94 0.00	129.63 6.01 0.00	124.95 5.72 0.00	120.13 5.09 0.00	126.06 5.15 0.00	134.85 5.46 0.00	154.75 6.42 0.00	145.41 5.92 0.00	150.00 6.22 0.00	139.11 5.85 0.00	142.89 5.54 0.00	132.46 5.12 0.00	110.95 3.64 0.00	108.21 3.47 0.00
RAVENSWOOD_GT2_4 24247	106.14 4.07 0.00	118.88 4.37 0.00	109.08 3.90 0.00	121.16 3.88 0.00	125.93 4.18 0.00	123.35 4.18 0.00	125.62 4.66 0.00	85.22 3.73 0.00	98.26 4.38 0.00	109.32 4.53 0.00	138.60 5.94 0.00	129.63 6.01 0.00	124.95 5.72 0.00	120.13 5.09 0.00	126.06 5.15 0.00	134.85 5.46 0.00	154.75 6.42 0.00	145.41 5.92 0.00	150.00 6.22 0.00	139.11 5.85 0.00	142.89 5.54 0.00	132.46 5.12 0.00	110.95 3.64 0.00	108.21 3.47 0.00
RAVENSWOOD_GT3_1 24248	106.05 3.98 0.00	118.85 4.33 0.00	109.04 3.85 0.00	121.11 3.83 0.00	125.89 4.14 0.00	123.32 4.15 0.00	125.57 4.60 0.00	85.19 3.71 0.00	98.24 4.36 0.00	109.28 4.49 0.00	138.57 5.91 0.00	129.58 5.96 0.00	124.91 5.68 0.00	120.09 5.05 0.00	126.03 5.12 0.00	134.81 5.41 0.00	154.71 6.38 0.00	145.36 5.86 0.00	149.96 6.17 0.00	139.06 5.80 0.00	142.83 5.49 0.00	132.39 5.06 0.00	110.91 3.59 0.00	108.16 3.42 0.00
RAVENSWOOD_GT3_2 24249	106.05 3.98 0.00	118.85 4.33 0.00	109.04 3.85 0.00	121.11 3.83 0.00	125.89 4.14 0.00	123.32 4.15 0.00	125.57 4.60 0.00	85.19 3.71 0.00	98.24 4.36 0.00	109.28 4.49 0.00	138.57 5.91 0.00	129.58 5.96 0.00	124.91 5.68 0.00	120.09 5.05 0.00	126.03 5.12 0.00	134.81 5.41 0.00	154.71 6.38 0.00	145.36 5.86 0.00	149.96 6.17 0.00	139.06 5.80 0.00	142.83 5.49 0.00	132.39 5.06 0.00	110.91 3.59 0.00	108.16 3.42 0.00
RAVENSWOOD_GT3_3 24250	106.24 4.17 0.00	119.00 4.48 0.00	109.19 4.00 0.00	121.28 3.99 0.00	126.05 4.31 0.00	123.47 4.30 0.00	125.74 4.78 0.00	85.31 3.83 0.00	98.37 4.50 0.00	109.45 4.66 0.00	138.77 6.11 0.00	129.76 6.13 0.00	125.08 5.85 0.00	120.25 5.20 0.00	126.22 5.31 0.00	135.00 5.61 0.00	154.94 6.62 0.00	145.59 6.09 0.00	150.16 6.37 0.00	139.26 6.01 0.00	143.04 5.69 0.00	132.58 5.25 0.00	111.06 3.75 0.00	108.32 3.58 0.00
RAVENSWOOD_GT3_4 24251	106.24 4.17 0.00	119.00 4.48 0.00	109.19 4.00 0.00	121.28 3.99 0.00	126.05 4.31 0.00	123.47 4.30 0.00	125.74 4.78 0.00	85.31 3.83 0.00	98.37 4.50 0.00	109.45 4.66 0.00	138.77 6.11 0.00	129.76 6.13 0.00	125.08 5.85 0.00	120.25 5.20 0.00	126.22 5.31 0.00	135.00 5.61 0.00	154.94 6.62 0.00	145.59 6.09 0.00	150.16 6.37 0.00	139.26 6.01 0.00	143.04 5.69 0.00	132.58 5.25 0.00	111.06 3.75 0.00	108.32 3.58 0.00
RAVENSWOOD_GT_1 23729	106.00 3.93 0.00	118.72 4.21 0.00	108.94 3.75 0.00	121.00 3.72 0.00	125.80 4.05 0.00	123.20 4.02 0.00	125.44 4.47 0.00	85.10 3.62 0.00	98.14 4.27 0.00	109.24 4.45 0.00	138.61 5.95 0.00	129.60 5.97 0.00	124.84 5.61 0.00	119.88 4.84 0.00	125.90 4.99 0.00	134.68 5.28 0.00	154.52 6.20 0.00	145.22 5.72 0.00	149.75 5.97 0.00	138.89 5.64 0.00	142.64 5.31 0.00	132.24 4.91 0.00	110.79 3.47 0.00	108.01 3.27 0.00
RAVENSWOOD_GT_10 24258	106.06 4.00 0.00	118.86 4.34 0.00	109.04 3.85 0.00	121.11 3.83 0.00	125.90 4.15 0.00	123.32 4.15 0.00	125.58 4.61 0.00	85.20 3.72 0.00	98.24 4.36 0.00	109.29 4.50 0.00	138.58 5.92 0.00	129.58 5.96 0.00	124.91 5.68 0.00	120.09 5.05 0.00	126.03 5.12 0.00	134.81 5.41 0.00	154.72 6.39 0.00	145.39 5.90 0.00	149.96 6.17 0.00	139.07 5.82 0.00	142.85 5.51 0.00	132.41 5.08 0.00	110.91 3.59 0.00	108.19 3.45 0.00
RAVENSWOOD_GT_11 24259	106.06 4.00 0.00	118.86 4.34 0.00	109.04 3.85 0.00	121.11 3.83 0.00	125.90 4.15 0.00	123.32 4.15 0.00	125.58 4.61 0.00	85.20 3.72 0.00	98.24 4.36 0.00	109.29 4.50 0.00	138.58 5.92 0.00	129.58 5.96 0.00	124.91 5.68 0.00	120.09 5.05 0.00	126.03 5.12 0.00	134.81 5.41 0.00	154.72 6.39 0.00	145.39 5.90 0.00	149.96 6.17 0.00	139.07 5.82 0.00	142.85 5.51 0.00	132.41 5.08 0.00	110.91 3.59 0.00	108.19 3.45 0.00
RAVENSWOOD_GT_4 24252	105.99 3.92 0.00	118.76 4.25 0.00	108.98 3.79 0.00	121.05 3.77 0.00	125.83 4.08 0.00	123.25 4.07 0.00	125.53 4.56 0.00	85.14 3.66 0.00	98.18 4.30 0.00	109.20 4.40 0.00	138.50 5.83 0.00	129.50 5.88 0.00	124.79 5.56 0.00	119.95 4.91 0.00	125.90 4.99 0.00	134.68 5.28 0.00	154.56 6.23 0.00	145.23 5.73 0.00	149.79 6.00 0.00	138.93 5.67 0.00	142.69 5.35 0.00	132.27 4.94 0.00	110.80 3.48 0.00	108.04 3.30 0.00
RAVENSWOOD_GT_5 24254	105.99 3.92 0.00	118.76 4.25 0.00	108.98 3.79 0.00	121.05 3.77 0.00	125.83 4.08 0.00	123.25 4.07 0.00	125.53 4.56 0.00	85.14 3.66 0.00	98.18 4.30 0.00	109.20 4.40 0.00	138.50 5.83 0.00	129.50 5.88 0.00	124.79 5.56 0.00	119.95 4.91 0.00	125.90 4.99 0.00	134.68 5.28 0.00	154.56 6.23 0.00	145.23 5.73 0.00	149.79 6.00 0.00	138.93 5.67 0.00	142.69 5.35 0.00	132.27 4.94 0.00	110.80 3.48 0.00	108.04 3.30 0.00
RAVENSWOOD_GT_6 24253	105.99 3.92 0.00	118.76 4.25 0.00	108.98 3.79 0.00	121.05 3.77 0.00	125.83 4.08 0.00	123.25 4.07 0.00	125.53 4.56 0.00	85.14 3.66 0.00	98.18 4.30 0.00	109.20 4.40 0.00	138.50 5.83 0.00	129.50 5.88 0.00	124.79 5.56 0.00	119.95 4.91 0.00	125.90 4.99 0.00	134.68 5.28 0.00	154.56 6.23 0.00	145.23 5.73 0.00	149.79 6.00 0.00	138.93 5.67 0.00	142.69 5.35 0.00	132.27 4.94 0.00	110.80 3.48 0.00	108.04 3.30 0.00
RAVENSWOOD_GT_7 24255	105.99 3.92 0.00	118.76 4.25 0.00	108.98 3.79 0.00	121.05 3.77 0.00	125.83 4.08 0.00	123.25 4.07 0.00	125.53 4.56 0.00	85.14 3.66 0.00	98.18 4.30 0.00	109.20 4.40 0.00	138.50 5.83 0.00	129.50 5.88 0.00	124.79 5.56 0.00	119.95 4.91 0.00	125.90 4.99 0.00	134.68 5.28 0.00	154.56 6.23 0.00	145.23 5.73 0.00	149.79 6.00 0.00	138.93 5.67 0.00	142.69 5.35 0.00	132.27 4.94 0.00	110.80 3.48 0.00	108.04 3.30 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	106.06 4.00 0.00	118.86 4.34 0.00	109.04 3.85 0.00	121.11 3.83 0.00	125.90 4.15 0.00	123.32 4.15 0.00	125.58 4.61 0.00	85.20 3.72 0.00	98.24 4.36 0.00	109.29 4.50 0.00	138.58 5.92 0.00	129.58 5.96 0.00	124.91 5.68 0.00	120.09 5.05 0.00	126.03 5.12 0.00	134.81 5.41 0.00	154.72 6.39 0.00	145.39 5.90 0.00	149.96 6.17 0.00	139.07 5.82 0.00	142.85 5.51 0.00	132.41 5.08 0.00	110.91 3.59 0.00	108.19 3.45 0.00
RAVENSWOOD_GT_9 24257	106.06 4.00 0.00	118.86 4.34 0.00	109.04 3.85 0.00	121.11 3.83 0.00	125.90 4.15 0.00	123.32 4.15 0.00	125.58 4.61 0.00	85.20 3.72 0.00	98.24 4.36 0.00	109.29 4.50 0.00	138.58 5.92 0.00	129.58 5.96 0.00	124.91 5.68 0.00	120.09 5.05 0.00	126.03 5.12 0.00	134.81 5.41 0.00	154.72 6.39 0.00	145.39 5.90 0.00	149.96 6.17 0.00	139.07 5.82 0.00	142.85 5.51 0.00	132.41 5.08 0.00	110.91 3.59 0.00	108.19 3.45 0.00

RAVENSWOOD___1 23533	105.87 3.80 0.00	118.65 4.14 0.00	108.86 3.68 0.00	120.94 3.66 0.00	125.71 3.96 0.00	123.10 3.93 0.00	125.42 4.45 0.00	85.05 3.57 0.00	98.07 4.20 0.00	109.08 4.29 0.00	138.36 5.70 0.00	129.35 5.73 0.00	124.63 5.41 0.00	119.73 4.69 0.00	125.68 4.76 0.00	134.42 5.03 0.00	154.29 5.96 0.00	144.99 5.50 0.00	149.52 5.74 0.00	138.67 5.42 0.00	142.40 5.06 0.00	132.02 4.69 0.00	110.58 3.27 0.00	107.83 3.09 0.00
RAVENSWOOD___2 23534	105.87 3.80 0.00	118.65 4.14 0.00	108.86 3.68 0.00	120.94 3.66 0.00	125.71 3.96 0.00	123.10 3.93 0.00	125.42 4.45 0.00	85.05 3.57 0.00	98.07 4.20 0.00	109.08 4.29 0.00	138.36 5.70 0.00	129.35 5.73 0.00	124.63 5.41 0.00	119.73 4.69 0.00	125.68 4.76 0.00	134.42 5.03 0.00	154.29 5.96 0.00	144.99 5.50 0.00	149.52 5.74 0.00	138.67 5.42 0.00	142.40 5.06 0.00	132.02 4.69 0.00	110.58 3.27 0.00	107.83 3.09 0.00
RAVENSWOOD___3 23535	106.06 3.99 0.00	118.85 4.33 0.00	109.03 3.84 0.00	121.11 3.83 0.00	125.88 4.13 0.00	123.30 4.13 0.00	125.56 4.59 0.00	85.19 3.71 0.00	98.24 4.36 0.00	109.26 4.47 0.00	138.57 5.91 0.00	129.56 5.94 0.00	124.90 5.67 0.00	120.07 5.03 0.00	126.01 5.10 0.00	134.80 5.40 0.00	154.67 6.34 0.00	145.34 5.85 0.00	149.90 6.12 0.00	139.02 5.76 0.00	142.81 5.47 0.00	132.36 5.03 0.00	110.89 3.57 0.00	108.14 3.40 0.00
RAVENSWOOD___4 23820	105.87 3.80 0.00	118.65 4.14 0.00	108.86 3.68 0.00	120.94 3.66 0.00	125.71 3.96 0.00	123.10 3.93 0.00	125.42 4.45 0.00	85.05 3.57 0.00	98.07 4.20 0.00	109.08 4.29 0.00	138.36 5.70 0.00	129.35 5.73 0.00	124.63 5.41 0.00	119.73 4.69 0.00	125.68 4.76 0.00	134.42 5.03 0.00	154.29 5.96 0.00	144.99 5.50 0.00	149.52 5.74 0.00	138.67 5.42 0.00	142.40 5.06 0.00	132.02 4.69 0.00	110.58 3.27 0.00	107.83 3.09 0.00
RCPL_TRUST___DRP 24196	106.17 4.10 0.00	118.97 4.46 0.00	109.14 3.96 0.00	121.23 3.95 0.00	126.01 4.27 0.00	123.44 4.27 0.00	125.69 4.72 0.00	85.26 3.78 0.00	98.33 4.45 0.00	109.39 4.59 0.00	138.72 6.06 0.00	129.71 6.08 0.00	125.03 5.80 0.00	120.21 5.17 0.00	126.15 5.24 0.00	134.94 5.54 0.00	154.87 6.54 0.00	145.51 6.01 0.00	150.06 6.28 0.00	139.19 5.93 0.00	142.95 5.61 0.00	132.50 5.17 0.00	111.00 3.68 0.00	108.23 3.49 0.00
RED___ROCHESTER 323720	96.30 -4.25 1.52	107.02 -5.26 2.24	97.23 -5.93 2.02	107.48 -6.51 3.29	112.19 -6.73 2.83	108.89 -6.54 3.74	111.34 -7.63 2.00	73.88 -5.81 1.79	83.69 -6.38 3.81	81.84 -6.66 16.29	109.94 -8.55 14.18	109.36 -8.29 5.98	109.61 -7.93 1.69	106.15 -7.26 1.63	97.89 -7.62 15.41	94.77 -7.55 27.08	107.63 -7.91 32.79	92.23 -7.23 40.03	97.88 -7.92 37.98	81.26 -7.00 44.99	83.39 -7.26 46.69	86.04 -6.82 34.47	94.06 -5.20 8.06	90.71 -5.39 8.64
REGAN___SOLAR 323812	106.65 4.59 0.00	119.48 4.97 0.00	109.72 4.53 0.00	122.33 5.05 0.00	127.09 5.34 0.00	124.62 5.44 0.00	126.72 5.75 0.00	85.48 4.00 0.00	98.31 4.43 0.00	109.16 4.37 0.00	137.94 5.28 0.00	128.84 5.21 0.00	124.26 5.03 0.00	119.98 4.94 0.00	127.10 6.18 0.00	136.31 6.91 0.00	156.95 8.62 0.00	147.72 8.23 0.00	151.91 8.13 0.00	140.70 7.45 0.00	144.60 7.26 0.00	133.88 6.55 0.00	112.45 5.13 0.00	109.44 4.69 0.00
RENSSELAER___COGEN 23796	105.32 3.25 0.00	118.61 4.10 0.00	108.92 3.73 0.00	121.43 4.15 0.00	126.12 4.37 0.00	123.31 4.13 0.00	124.82 3.86 0.00	84.14 2.66 0.00	96.77 2.90 0.00	107.90 3.11 0.00	136.39 3.73 0.00	127.48 3.85 0.00	123.19 3.96 0.00	118.45 3.41 0.00	124.12 3.20 0.00	132.46 3.06 0.00	151.60 3.27 0.00	142.76 3.27 0.00	147.41 3.63 0.00	136.60 3.34 0.00	140.91 3.57 0.00	130.76 3.43 0.00	110.41 3.09 0.00	108.15 3.41 0.00
REPUBLIC_115KV_BARTNBK 55605	112.92 10.85 0.00	127.40 12.89 0.00	117.16 11.97 0.00	130.61 13.33 0.00	135.52 13.78 0.00	133.37 14.20 0.00	137.75 16.78 0.00	93.68 12.20 0.00	107.91 14.03 0.00	119.19 14.40 0.00	151.24 18.58 0.00	140.42 16.80 0.00	135.90 16.67 0.00	131.24 16.20 0.00	138.09 17.18 0.00	149.19 19.80 0.00	172.09 23.76 0.00	160.72 21.23 0.00	165.68 21.90 0.00	153.27 20.01 0.00	156.97 19.63 0.00	145.30 17.97 0.00	121.23 13.91 0.00	118.18 13.44 0.00
REVERE_CPPR_DRP 24186	105.23 3.17 0.00	117.70 3.19 0.00	108.28 3.10 0.00	120.93 3.65 0.00	125.31 3.57 0.00	122.73 3.55 0.00	125.05 4.08 0.00	84.18 2.69 0.00	97.53 3.66 0.00	108.94 4.15 0.00	137.61 4.95 0.00	128.13 4.50 0.00	123.05 3.82 0.00	118.70 3.66 0.00	125.19 4.27 0.00	134.59 5.20 0.00	154.12 5.79 0.00	145.27 5.78 0.00	150.04 6.26 0.00	138.77 5.51 0.00	142.83 5.49 0.00	132.08 4.75 0.00	111.07 3.75 0.00	108.18 3.44 0.00
REYNLDPA_13_KV_LD 356490	103.16 1.09 0.00	115.49 0.98 0.00	106.53 1.35 0.00	118.35 1.07 0.00	121.76 0.02 0.00	119.12 -0.06 0.00	121.42 0.46 0.00	82.56 1.08 0.00	95.29 1.41 0.00	106.56 1.77 0.00	134.01 1.35 0.00	123.67 0.04 0.00	119.46 0.23 0.00	115.84 0.80 0.00	122.14 1.23 0.00	129.38 -0.02 0.00	147.97 -0.36 0.00	139.10 -0.39 0.00	143.23 -0.56 0.00	132.86 -0.40 0.00	137.08 -0.26 0.00	127.28 -0.05 0.00	108.29 0.97 0.00	106.74 2.00 0.00
REYNOLDS_115KV_TB3 80639	105.64 3.57 0.00	119.07 4.56 0.00	109.31 4.13 0.00	121.91 4.63 0.00	126.59 4.85 0.00	123.83 4.66 0.00	125.47 4.50 0.00	84.62 3.14 0.00	97.33 3.45 0.00	108.53 3.73 0.00	137.43 4.77 0.00	128.19 4.57 0.00	123.93 4.70 0.00	119.29 4.25 0.00	125.13 4.21 0.00	133.69 4.30 0.00	153.07 4.75 0.00	144.07 4.57 0.00	148.71 4.93 0.00	137.68 4.43 0.00	141.98 4.64 0.00	131.67 4.34 0.00	111.02 3.70 0.00	108.61 3.87 0.00
RIVERBAY____ 323610	107.67 5.60 0.00	120.65 6.14 0.00	110.73 5.54 0.00	123.15 5.87 0.00	128.04 6.29 0.00	125.49 6.31 0.00	127.86 6.90 0.00	86.72 5.23 0.00	100.02 6.14 0.00	111.19 6.40 0.00	140.96 8.30 0.00	131.68 8.06 0.00	126.93 7.70 0.00	121.94 6.91 0.00	128.09 7.17 0.00	137.13 7.73 0.00	157.47 9.14 0.00	147.96 8.46 0.00	152.47 8.69 0.00	141.35 8.09 0.00	145.04 7.69 0.00	134.54 7.21 0.00	112.72 5.41 0.00	109.83 5.09 0.00
RIVERSDE_115KV_TB3 55908	105.72 3.65 0.00	119.07 4.55 0.00	109.33 4.14 0.00	121.88 4.60 0.00	126.57 4.83 0.00	123.78 4.60 0.00	125.34 4.37 0.00	84.51 3.03 0.00	97.19 3.31 0.00	108.40 3.61 0.00	137.10 4.45 0.00	128.10 4.48 0.00	123.80 4.57 0.00	119.05 4.01 0.00	124.83 3.91 0.00	133.28 3.89 0.00	152.52 4.19 0.00	143.63 4.14 0.00	148.23 4.45 0.00	137.36 4.10 0.00	141.69 4.34 0.00	131.41 4.08 0.00	110.94 3.62 0.00	108.65 3.91 0.00
ROARING___BROOK_WT_PWR 323790	100.99 -1.08 0.00	113.33 -1.18 0.00	104.55 -0.64 0.00	116.83 -0.45 0.00	121.10 -0.65 0.00	118.40 -0.77 0.00	120.24 -0.72 0.00	80.68 -0.81 0.00	92.95 -0.93 0.00	103.83 -0.97 0.00	130.78 -1.88 0.00	121.65 -1.97 0.00	116.97 -2.25 0.00	112.63 -2.41 0.00	119.60 -1.31 0.00	128.77 -0.62 0.00	147.27 -1.06 0.00	138.94 -0.55 0.00	143.75 -0.03 0.00	133.51 0.26 0.00	137.63 0.29 0.00	127.68 0.35 0.00	107.74 0.43 0.00	105.16 0.42 0.00

ROCHESRG_115KV_T4 355643	96.59 -5.48 0.00	107.96 -6.56 0.00	98.08 -7.11 0.00	109.48 -7.80 0.00	113.68 -8.06 0.00	111.23 -7.94 0.00	111.89 -9.08 0.00	74.67 -6.82 0.00	86.22 -7.65 0.00	96.66 -8.13 0.00	122.25 -10.41 0.00	113.60 -10.03 0.00	109.65 -9.58 0.00	106.17 -8.87 0.00	111.59 -9.33 0.00	119.92 -9.47 0.00	138.04 -10.29 0.00	130.00 -9.49 0.00	133.53 -10.25 0.00	124.12 -9.14 0.00	127.92 -9.42 0.00	118.58 -8.75 0.00	100.61 -6.70 0.00	98.01 -6.73 0.00
ROCHESTER_9_IC 23652	97.33 -4.74 0.00	108.75 -5.77 0.00	98.77 -6.41 0.00	110.26 -7.03 0.00	114.51 -7.24 0.00	112.07 -7.11 0.00	112.75 -8.22 0.00	75.29 -6.20 0.00	86.99 -6.89 0.00	97.50 -7.30 0.00	123.33 -9.33 0.00	114.59 -9.04 0.00	110.62 -8.60 0.00	107.12 -7.92 0.00	112.59 -8.33 0.00	121.03 -8.36 0.00	139.35 -8.98 0.00	131.28 -8.21 0.00	134.82 -8.96 0.00	125.32 -7.94 0.00	129.11 -8.24 0.00	119.64 -7.69 0.00	101.46 -5.85 0.00	98.81 -5.93 0.00
ROCKVIEW_13_KV_LD 356306	106.45 4.39 0.00	119.28 4.76 0.00	109.41 4.22 0.00	121.64 4.36 0.00	126.43 4.69 0.00	123.87 4.70 0.00	126.13 5.16 0.00	85.53 4.05 0.00	98.60 4.73 0.00	109.71 4.92 0.00	139.10 6.44 0.00	130.04 6.41 0.00	125.39 6.16 0.00	120.66 5.62 0.00	126.61 5.69 0.00	135.40 6.01 0.00	155.46 7.13 0.00	146.10 6.60 0.00	150.71 6.93 0.00	139.72 6.46 0.00	143.54 6.20 0.00	133.03 5.70 0.00	111.42 4.10 0.00	108.65 3.91 0.00
ROME____115KV_TB2 80656	105.23 3.17 0.00	117.70 3.19 0.00	108.28 3.10 0.00	120.93 3.65 0.00	125.31 3.57 0.00	122.73 3.55 0.00	125.05 4.08 0.00	84.18 2.69 0.00	97.53 3.66 0.00	108.94 4.15 0.00	137.61 4.95 0.00	128.13 4.50 0.00	123.05 3.82 0.00	118.70 3.66 0.00	125.19 4.27 0.00	134.59 5.20 0.00	154.12 5.79 0.00	145.27 5.78 0.00	150.04 6.26 0.00	138.77 5.51 0.00	142.83 5.49 0.00	132.08 4.75 0.00	111.07 3.75 0.00	108.18 3.44 0.00
ROSETON___1 23587	105.27 3.20 0.00	118.09 3.58 0.00	108.40 3.21 0.00	120.56 3.28 0.00	125.33 3.58 0.00	122.73 3.56 0.00	124.91 3.94 0.00	84.56 3.08 0.00	97.41 3.53 0.00	108.35 3.56 0.00	137.36 4.70 0.00	128.39 4.77 0.00	123.83 4.61 0.00	119.24 4.20 0.00	125.05 4.14 0.00	133.73 4.33 0.00	153.52 5.19 0.00	144.28 4.79 0.00	148.81 5.03 0.00	137.94 4.69 0.00	141.83 4.49 0.00	131.49 4.16 0.00	110.25 2.93 0.00	107.62 2.88 0.00
ROSETON___2 23588	105.27 3.20 0.00	118.09 3.58 0.00	108.40 3.21 0.00	120.56 3.28 0.00	125.33 3.58 0.00	122.73 3.56 0.00	124.91 3.94 0.00	84.56 3.08 0.00	97.41 3.53 0.00	108.35 3.56 0.00	137.36 4.70 0.00	128.39 4.77 0.00	123.83 4.61 0.00	119.24 4.20 0.00	125.05 4.14 0.00	133.73 4.33 0.00	153.52 5.19 0.00	144.28 4.79 0.00	148.81 5.03 0.00	137.94 4.69 0.00	141.83 4.49 0.00	131.49 4.16 0.00	110.25 2.93 0.00	107.62 2.88 0.00
ROTRRDAM_115KV_TB3 80664	105.16 3.10 0.00	118.20 3.69 0.00	108.54 3.35 0.00	121.01 3.72 0.00	125.66 3.92 0.00	123.08 3.90 0.00	124.98 4.01 0.00	84.27 2.79 0.00	97.05 3.17 0.00	108.16 3.37 0.00	137.00 4.35 0.00	127.71 4.09 0.00	123.26 4.03 0.00	118.89 3.85 0.00	125.00 4.08 0.00	133.79 4.40 0.00	153.52 5.19 0.00	144.29 4.80 0.00	148.75 4.97 0.00	137.75 4.50 0.00	141.85 4.51 0.00	131.51 4.18 0.00	110.56 3.24 0.00	107.93 3.19 0.00
RUSSELL___1 23602	97.80 -4.26 0.00	109.22 -5.29 0.00	99.21 -5.98 0.00	110.76 -6.52 0.00	115.01 -6.73 0.00	112.57 -6.60 0.00	113.30 -7.66 0.00	75.65 -5.83 0.00	87.44 -6.43 0.00	98.06 -6.74 0.00	124.00 -8.66 0.00	115.25 -8.38 0.00	111.25 -7.98 0.00	107.73 -7.31 0.00	113.26 -7.66 0.00	121.74 -7.66 0.00	140.22 -8.11 0.00	132.13 -7.36 0.00	135.69 -8.10 0.00	126.12 -7.14 0.00	129.91 -7.43 0.00	120.36 -6.97 0.00	102.02 -5.29 0.00	99.32 -5.42 0.00
RUSSELL___2 23532	97.80 -4.26 0.00	109.22 -5.29 0.00	99.21 -5.98 0.00	110.76 -6.52 0.00	115.01 -6.73 0.00	112.57 -6.60 0.00	113.30 -7.66 0.00	75.65 -5.83 0.00	87.44 -6.43 0.00	98.06 -6.74 0.00	124.00 -8.66 0.00	115.25 -8.38 0.00	111.25 -7.98 0.00	107.73 -7.31 0.00	113.26 -7.66 0.00	121.74 -7.66 0.00	140.22 -8.11 0.00	132.13 -7.36 0.00	135.69 -8.10 0.00	126.12 -7.14 0.00	129.91 -7.43 0.00	120.36 -6.97 0.00	102.02 -5.29 0.00	99.32 -5.42 0.00
RUSSELL___3 23549	97.80 -4.26 0.00	109.22 -5.29 0.00	99.21 -5.98 0.00	110.76 -6.52 0.00	115.01 -6.73 0.00	112.57 -6.60 0.00	113.30 -7.66 0.00	75.65 -5.83 0.00	87.44 -6.43 0.00	98.06 -6.74 0.00	124.00 -8.66 0.00	115.25 -8.38 0.00	111.25 -7.98 0.00	107.73 -7.31 0.00	113.26 -7.66 0.00	121.74 -7.66 0.00	140.22 -8.11 0.00	132.13 -7.36 0.00	135.69 -8.10 0.00	126.12 -7.14 0.00	129.91 -7.43 0.00	120.36 -6.97 0.00	102.02 -5.29 0.00	99.32 -5.42 0.00
RUSSELL___4 23556	97.80 -4.26 0.00	109.22 -5.29 0.00	99.21 -5.98 0.00	110.76 -6.52 0.00	115.01 -6.73 0.00	112.57 -6.60 0.00	113.30 -7.66 0.00	75.65 -5.83 0.00	87.44 -6.43 0.00	98.06 -6.74 0.00	124.00 -8.66 0.00	115.25 -8.38 0.00	111.25 -7.98 0.00	107.73 -7.31 0.00	113.26 -7.66 0.00	121.74 -7.66 0.00	140.22 -8.11 0.00	132.13 -7.36 0.00	135.69 -8.10 0.00	126.12 -7.14 0.00	129.91 -7.43 0.00	120.36 -6.97 0.00	102.02 -5.29 0.00	99.32 -5.42 0.00
RUSSELL___STATION 23914	97.80 -4.26 0.00	109.22 -5.29 0.00	99.21 -5.98 0.00	110.76 -6.52 0.00	115.01 -6.73 0.00	112.57 -6.60 0.00	113.30 -7.66 0.00	75.65 -5.83 0.00	87.44 -6.43 0.00	98.06 -6.74 0.00	124.00 -8.66 0.00	115.25 -8.38 0.00	111.25 -7.98 0.00	107.73 -7.31 0.00	113.26 -7.66 0.00	121.74 -7.66 0.00	140.22 -8.11 0.00	132.13 -7.36 0.00	135.69 -8.10 0.00	126.12 -7.14 0.00	129.91 -7.43 0.00	120.36 -6.97 0.00	102.02 -5.29 0.00	99.32 -5.42 0.00
S SALMON___HYD 24043	99.45 -2.62 0.00	111.22 -3.29 0.00	102.35 -2.84 0.00	114.21 -3.08 0.00	118.13 -3.61 0.00	115.39 -3.78 0.00	117.55 -3.42 0.00	78.77 -2.71 0.00	91.32 -2.56 0.00	102.21 -2.58 0.00	129.26 -3.40 0.00	120.36 -3.27 0.00	115.59 -3.64 0.00	111.35 -3.69 0.00	117.62 -3.29 0.00	126.37 -3.03 0.00	144.32 -4.01 0.00	136.32 -3.17 0.00	141.10 -2.68 0.00	131.01 -2.25 0.00	135.20 -2.14 0.00	125.23 -2.10 0.00	105.78 -1.54 0.00	103.08 -1.66 0.00
S.PERRY__115KV_TB1 80734	97.73 -4.34 0.00	107.98 -6.53 0.00	97.65 -7.53 0.00	108.89 -8.39 0.00	113.39 -8.35 0.00	111.04 -8.13 0.00	111.72 -9.25 0.00	75.11 -6.38 0.00	87.04 -6.83 0.00	97.75 -7.05 0.00	122.70 -9.96 0.00	114.65 -8.98 0.00	110.96 -8.27 0.00	107.57 -7.47 0.00	112.97 -7.95 0.00	121.75 -7.65 0.00	140.55 -7.78 0.00	132.12 -7.38 0.00	135.42 -8.36 0.00	125.79 -7.46 0.00	129.50 -7.84 0.00	119.35 -7.98 0.00	100.94 -6.37 0.00	98.48 -6.26 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	93.76 -8.31 0.00	104.58 -9.93 0.00	94.26 -10.93 0.00	105.41 -11.87 0.00	109.45 -12.29 0.00	106.85 -12.33 0.00	106.37 -14.59 0.00	70.25 -11.23 0.00	81.17 -12.71 0.00	91.37 -13.43 0.00	115.56 -17.10 0.00	107.42 -16.21 0.00	103.65 -15.57 0.00	100.56 -14.48 0.00	105.60 -15.31 0.00	113.79 -15.61 0.00	131.12 -17.21 0.00	123.41 -16.08 0.00	126.42 -17.36 0.00	117.93 -15.32 0.00	121.88 -15.46 0.00	113.15 -14.18 0.00	96.71 -10.61 0.00	94.30 -10.44 0.00

SAWYER___23_KV_LOAD 55526	93.76 -8.31 0.00	104.58 -9.93 0.00	94.26 -10.93 0.00	105.41 -11.87 0.00	109.45 -12.29 0.00	106.85 -12.33 0.00	106.37 -14.59 0.00	70.25 -11.23 0.00	81.17 -12.71 0.00	91.37 -13.43 0.00	115.56 -17.10 0.00	107.42 -16.21 0.00	103.65 -15.57 0.00	100.56 -14.48 0.00	105.60 -15.31 0.00	113.79 -15.61 0.00	131.12 -17.21 0.00	123.41 -16.08 0.00	126.42 -17.36 0.00	117.93 -15.32 0.00	121.88 -15.46 0.00	113.15 -14.18 0.00	96.71 -10.61 0.00	94.30 -10.44 0.00
SELKIRK___I 23801	105.49 3.42 0.00	118.74 4.23 0.00	109.09 3.91 0.00	121.66 4.38 0.00	126.35 4.61 0.00	123.59 4.41 0.00	125.21 4.25 0.00	84.32 2.84 0.00	96.94 3.06 0.00	108.02 3.22 0.00	136.64 3.98 0.00	127.58 3.95 0.00	123.21 3.98 0.00	118.59 3.55 0.00	124.27 3.35 0.00	132.95 3.55 0.00	152.45 4.12 0.00	143.45 3.95 0.00	148.03 4.24 0.00	137.11 3.86 0.00	141.38 4.04 0.00	131.14 3.81 0.00	110.60 3.28 0.00	108.26 3.52 0.00
SELKIRK___II 23799	104.97 2.90 0.00	118.13 3.62 0.00	108.52 3.34 0.00	120.99 3.70 0.00	125.64 3.90 0.00	122.93 3.76 0.00	124.55 3.59 0.00	83.93 2.45 0.00	96.57 2.70 0.00	107.67 2.88 0.00	136.19 3.53 0.00	127.20 3.57 0.00	122.84 3.62 0.00	118.22 3.18 0.00	123.95 3.04 0.00	132.41 3.02 0.00	151.68 3.35 0.00	142.76 3.27 0.00	147.33 3.55 0.00	136.48 3.23 0.00	140.74 3.41 0.00	130.52 3.19 0.00	110.07 2.75 0.00	107.75 3.00 0.00
SENECA OSWGO___HYD 24041	98.39 -3.68 0.00	110.19 -4.32 0.00	100.99 -4.19 0.00	112.64 -4.65 0.00	116.89 -4.85 0.00	114.46 -4.72 0.00	116.14 -4.83 0.00	78.16 -3.32 0.00	90.18 -3.70 0.00	100.70 -4.10 0.00	127.44 -5.22 0.00	118.74 -4.89 0.00	114.31 -4.92 0.00	110.25 -4.79 0.00	115.89 -5.02 0.00	124.29 -5.10 0.00	142.66 -5.67 0.00	134.26 -5.23 0.00	138.34 -5.45 0.00	128.26 -5.00 0.00	132.05 -5.29 0.00	122.25 -5.08 0.00	103.00 -4.31 0.00	100.46 -4.28 0.00
SENECA___115KV_TB3 355854	91.75 -7.02 3.29	101.12 -8.55 4.84	91.12 -9.68 4.38	99.70 -10.46 7.13	104.90 -10.72 6.13	100.33 -10.73 8.11	103.64 -12.99 4.33	67.56 -10.04 3.88	74.35 -11.28 8.24	57.77 -11.74 35.28	86.98 -14.97 30.70	96.61 -14.06 12.96	102.00 -13.56 3.66	98.99 -12.52 3.53	74.23 -13.32 33.37	57.45 -13.30 58.65	62.94 -14.38 71.01	39.25 -13.55 86.69	46.80 -14.72 82.26	22.93 -12.88 97.45	23.19 -13.02 101.12	40.65 -12.03 74.65	80.84 -9.03 17.44	77.08 -8.96 18.70
SENECA___ENERGY 23797	98.81 -2.82 0.44	110.26 -3.61 0.64	100.75 -3.86 0.58	112.04 -4.30 0.95	116.69 -4.24 0.81	114.08 -4.02 1.07	115.86 -4.54 0.57	77.63 -3.34 0.51	89.31 -3.47 1.09	96.40 -3.71 4.68	123.68 -4.91 4.07	117.22 -4.69 1.72	114.19 -4.55 0.49	110.38 -4.20 0.47	112.06 -4.43 4.42	117.26 -4.36 7.77	134.45 -4.46 9.41	124.05 -3.95 11.49	128.46 -4.42 10.90	116.37 -3.96 12.92	119.73 -4.21 13.40	113.31 -4.13 9.90	101.46 -3.54 2.31	98.67 -3.59 2.48
SHOEMAKER___GT 23640	104.82 2.76 0.00	117.58 3.07 0.00	107.95 2.76 0.00	120.08 2.80 0.00	124.85 3.10 0.00	122.30 3.13 0.00	124.42 3.46 0.00	84.15 2.66 0.00	96.97 3.09 0.00	107.91 3.12 0.00	136.72 4.06 0.00	127.86 4.23 0.00	123.24 4.01 0.00	118.70 3.66 0.00	124.59 3.68 0.00	133.19 3.79 0.00	153.10 4.77 0.00	143.94 4.44 0.00	148.36 4.58 0.00	137.51 4.25 0.00	141.41 4.07 0.00	131.07 3.74 0.00	109.94 2.62 0.00	107.26 2.52 0.00
SHOEMAKR_138KV_BK 111 55601	104.74 2.68 0.00	117.47 2.96 0.00	107.84 2.66 0.00	119.97 2.69 0.00	124.72 2.98 0.00	122.19 3.01 0.00	124.31 3.34 0.00	84.08 2.60 0.00	96.88 3.00 0.00	107.81 3.02 0.00	136.59 3.94 0.00	127.73 4.11 0.00	123.15 3.93 0.00	118.60 3.56 0.00	124.51 3.60 0.00	133.11 3.72 0.00	152.97 4.64 0.00	143.80 4.30 0.00	148.25 4.47 0.00	137.41 4.15 0.00	141.33 3.99 0.00	130.95 3.62 0.00	109.84 2.53 0.00	107.17 2.43 0.00
SHOREHAM_IC_1 23715	109.73 7.67 0.00	122.56 8.05 0.00	112.38 7.19 0.00	124.99 7.71 0.00	152.98 9.12 -22.11	162.63 9.11 -34.34	203.22 9.36 -72.90	147.13 7.31 -58.33	214.20 8.35 -111.97	204.77 8.35 -91.63	141.80 8.22 -0.92	157.48 9.24 -24.62	253.52 10.02 -124.27	209.73 9.57 -85.11	267.63 9.78 -136.93	244.12 9.09 -105.63	230.71 10.27 -72.11	257.50 9.58 -108.43	278.57 9.72 -125.07	263.86 9.16 -121.44	231.91 8.72 -85.86	223.37 7.95 -88.09	121.53 5.60 -8.62	160.24 6.33 -49.17
SHOREHAM_IC_2 23716	109.73 7.66 0.00	122.57 8.06 0.00	112.39 7.21 0.00	124.98 7.70 0.00	152.99 9.13 -22.11	162.73 9.21 -34.34	203.26 9.40 -72.90	147.12 7.31 -58.33	214.23 8.38 -111.98	204.79 8.36 -91.63	141.83 8.25 -0.92	157.55 9.30 -24.62	253.53 10.03 -124.27	209.74 9.58 -85.11	267.65 9.80 -136.93	244.15 9.12 -105.63	230.73 10.29 -72.11	257.51 9.59 -108.43	278.62 9.77 -125.07	263.92 9.22 -121.44	232.03 8.84 -85.86	223.44 8.02 -88.09	121.57 5.63 -8.62	160.24 6.33 -49.17
SISSONVILLE____ 23735	103.72 1.66 0.00	116.63 2.12 0.00	107.64 2.46 0.00	119.81 2.53 0.00	123.73 1.99 0.00	120.27 1.10 0.00	121.99 1.02 0.00	82.12 0.64 0.00	94.73 0.85 0.00	106.18 1.39 0.00	134.68 2.02 0.00	125.21 1.58 0.00	120.36 1.13 0.00	116.21 1.17 0.00	122.46 1.55 0.00	130.77 1.38 0.00	148.43 0.10 0.00	139.83 0.34 0.00	144.33 0.55 0.00	133.92 0.67 0.00	138.14 0.80 0.00	128.26 0.93 0.00	109.34 2.02 0.00	106.87 2.13 0.00
SITHE_IND_GS1 24169	97.69 -4.37 0.00	109.44 -5.07 0.00	100.33 -4.86 0.00	111.91 -5.37 0.00	116.16 -5.59 0.00	113.70 -5.48 0.00	115.34 -5.63 0.00	77.58 -3.91 0.00	89.45 -4.42 0.00	99.87 -4.92 0.00	126.40 -6.27 0.00	117.76 -5.87 0.00	113.54 -5.69 0.00	109.61 -5.43 0.00	115.23 -5.69 0.00	123.46 -5.94 0.00	141.67 -6.66 0.00	133.30 -6.19 0.00	137.32 -6.46 0.00	127.32 -5.94 0.00	131.16 -6.18 0.00	121.52 -5.81 0.00	102.37 -4.94 0.00	99.89 -4.85 0.00
SITHE_IND_GS2 24170	97.69 -4.37 0.00	109.44 -5.07 0.00	100.33 -4.86 0.00	111.91 -5.37 0.00	116.16 -5.59 0.00	113.70 -5.48 0.00	115.34 -5.63 0.00	77.58 -3.91 0.00	89.45 -4.42 0.00	99.87 -4.92 0.00	126.40 -6.27 0.00	117.76 -5.87 0.00	113.54 -5.69 0.00	109.61 -5.43 0.00	115.23 -5.69 0.00	123.46 -5.94 0.00	141.67 -6.66 0.00	133.30 -6.19 0.00	137.32 -6.46 0.00	127.32 -5.94 0.00	131.16 -6.18 0.00	121.52 -5.81 0.00	102.37 -4.94 0.00	99.89 -4.85 0.00
SITHE_IND_GS3 24171	97.69 -4.37 0.00	109.44 -5.07 0.00	100.33 -4.86 0.00	111.91 -5.37 0.00	116.16 -5.59 0.00	113.70 -5.48 0.00	115.34 -5.63 0.00	77.58 -3.91 0.00	89.45 -4.42 0.00	99.87 -4.92 0.00	126.40 -6.27 0.00	117.76 -5.87 0.00	113.54 -5.69 0.00	109.61 -5.43 0.00	115.23 -5.69 0.00	123.46 -5.94 0.00	141.67 -6.66 0.00	133.30 -6.19 0.00	137.32 -6.46 0.00	127.32 -5.94 0.00	131.16 -6.18 0.00	121.52 -5.81 0.00	102.37 -4.94 0.00	99.89 -4.85 0.00
SITHE_IND_GS4 24172	97.69 -4.37 0.00	109.44 -5.07 0.00	100.33 -4.86 0.00	111.91 -5.37 0.00	116.16 -5.59 0.00	113.70 -5.48 0.00	115.34 -5.63 0.00	77.58 -3.91 0.00	89.45 -4.42 0.00	99.87 -4.92 0.00	126.40 -6.27 0.00	117.76 -5.87 0.00	113.54 -5.69 0.00	109.61 -5.43 0.00	115.23 -5.69 0.00	123.46 -5.94 0.00	141.67 -6.66 0.00	133.30 -6.19 0.00	137.32 -6.46 0.00	127.32 -5.94 0.00	131.16 -6.18 0.00	121.52 -5.81 0.00	102.37 -4.94 0.00	99.89 -4.85 0.00

SITHE___BATAVIA 24024	94.67 -5.14 2.25	104.89 -6.31 3.31	94.77 -7.41 3.00	104.41 -7.99 4.88	109.27 -8.28 4.19	105.51 -8.11 5.55	107.70 -10.30 2.97	70.69 -8.14 2.66	79.17 -9.07 5.64	71.21 -9.44 24.15	99.30 -12.34 21.01	102.76 -12.00 8.87	105.31 -11.41 2.50	102.19 -10.44 2.41	87.07 -11.01 22.84	78.49 -10.77 40.13	88.34 -11.40 48.59	69.70 -10.47 59.32	76.04 -11.44 56.29	56.46 -10.11 66.69	57.87 -10.27 69.20	66.70 -9.54 51.09	88.37 -7.00 11.94	84.74 -7.20 12.80
SITHE___INDEPEND 23800	97.69 -4.38 0.00	109.43 -5.09 0.00	100.31 -4.88 0.00	111.90 -5.39 0.00	116.14 -5.60 0.00	113.70 -5.48 0.00	115.30 -5.66 0.00	77.57 -3.91 0.00	89.45 -4.43 0.00	99.86 -4.93 0.00	126.38 -6.28 0.00	117.72 -5.90 0.00	113.53 -5.69 0.00	109.59 -5.44 0.00	115.21 -5.71 0.00	123.44 -5.95 0.00	141.65 -6.68 0.00	133.27 -6.22 0.00	137.32 -6.46 0.00	127.28 -5.97 0.00	131.12 -6.22 0.00	121.50 -5.83 0.00	102.37 -4.94 0.00	99.88 -4.86 0.00
SITHE___MASSENA 23902	104.02 1.95 0.00	116.67 2.15 0.00	107.52 2.33 0.00	119.81 2.53 0.00	124.30 2.56 0.00	121.50 2.32 0.00	123.33 2.36 0.00	83.07 1.59 0.00	95.64 1.76 0.00	107.10 2.30 0.00	135.58 2.92 0.00	126.16 2.53 0.00	121.54 2.31 0.00	117.42 2.38 0.00	123.53 2.62 0.00	132.05 2.66 0.00	150.93 2.60 0.00	141.93 2.44 0.00	146.25 2.47 0.00	135.67 2.41 0.00	139.92 2.58 0.00	129.91 2.58 0.00	110.07 2.75 0.00	107.35 2.61 0.00
SITHE___OGDNSBRG 24021	105.74 3.67 0.00	118.73 4.22 0.00	109.49 4.31 0.00	121.88 4.60 0.00	126.05 4.31 0.00	122.92 3.75 0.00	124.78 3.81 0.00	84.09 2.61 0.00	96.93 3.05 0.00	108.65 3.86 0.00	137.49 4.83 0.00	127.72 4.09 0.00	122.92 3.69 0.00	118.89 3.85 0.00	125.14 4.22 0.00	133.69 4.30 0.00	152.67 4.34 0.00	143.82 4.32 0.00	148.21 4.42 0.00	137.44 4.19 0.00	141.74 4.40 0.00	131.52 4.19 0.00	111.70 4.39 0.00	108.95 4.21 0.00
SITHE___STERLING 23777	104.23 2.16 0.00	116.74 2.23 0.00	107.35 2.16 0.00	119.93 2.65 0.00	124.42 2.68 0.00	121.82 2.64 0.00	123.91 2.94 0.00	83.46 1.97 0.00	96.49 2.62 0.00	107.67 2.88 0.00	136.08 3.42 0.00	126.77 3.14 0.00	121.93 2.70 0.00	117.75 2.71 0.00	124.05 3.14 0.00	133.22 3.83 0.00	152.72 4.39 0.00	143.67 4.17 0.00	148.16 4.38 0.00	136.92 3.67 0.00	140.90 3.56 0.00	130.40 3.07 0.00	109.62 2.30 0.00	106.84 2.10 0.00
SLEIGHT__34_KV_TB1 80719	98.07 -4.00 0.00	109.57 -4.94 0.00	99.86 -5.32 0.00	111.42 -5.86 0.00	115.85 -5.90 0.00	113.47 -5.71 0.00	114.56 -6.41 0.00	76.80 -4.69 0.00	88.64 -5.24 0.00	99.20 -5.59 0.00	125.48 -7.18 0.00	116.73 -6.90 0.00	112.79 -6.44 0.00	109.11 -5.92 0.00	114.64 -6.27 0.00	123.14 -6.26 0.00	141.70 -6.63 0.00	133.47 -6.02 0.00	137.15 -6.64 0.00	127.36 -5.89 0.00	131.15 -6.19 0.00	121.44 -5.89 0.00	102.48 -4.84 0.00	99.83 -4.91 0.00
SMITHTWN_69_KV_BK 1 55830	109.74 7.68 0.00	122.55 8.04 0.00	112.36 7.17 0.00	124.67 7.39 0.00	162.14 8.41 -31.99	177.35 8.49 -49.68	235.27 8.85 -105.46	172.94 7.07 -84.39	262.12 8.13 -160.12	231.93 7.98 -119.16	141.63 8.54 -0.43	164.32 9.13 -31.57	290.06 9.23 -161.61	234.77 9.05 -110.68	308.22 9.25 -178.06	274.41 8.78 -136.24	248.28 10.56 -89.39	287.36 9.87 -137.99	312.89 10.15 -158.97	298.59 9.62 -155.71	255.24 9.10 -108.80	248.49 8.23 -112.94	119.80 5.74 -6.74	174.79 6.10 -63.94
SOUTH CAIRO___GT 23612	110.01 7.94 0.00	123.70 9.19 0.00	113.63 8.45 0.00	126.78 9.50 0.00	131.74 10.00 0.00	129.06 9.89 0.00	130.68 9.71 0.00	88.27 6.78 0.00	101.56 7.69 0.00	113.09 8.30 0.00	142.94 10.28 0.00	133.44 9.81 0.00	128.60 9.37 0.00	123.46 8.42 0.00	129.65 8.73 0.00	138.66 9.27 0.00	160.13 11.80 0.00	150.99 11.50 0.00	155.61 11.83 0.00	143.84 10.59 0.00	148.09 10.75 0.00	137.20 9.87 0.00	115.53 8.22 0.00	112.89 8.15 0.00
SOUTH HAMPTN___IC 23720	109.88 7.82 0.00	122.85 8.33 0.00	112.66 7.48 0.00	125.96 8.67 0.00	154.42 10.96 -21.72	163.95 11.05 -33.73	203.92 11.36 -71.59	147.22 8.45 -57.29	213.45 9.52 -110.05	204.79 9.47 -90.52	142.16 8.52 -0.97	157.98 10.00 -24.36	253.86 11.87 -122.76	210.68 11.56 -84.08	268.00 11.82 -135.26	245.21 11.37 -104.44	233.02 13.09 -71.60	259.21 12.35 -107.36	279.77 12.13 -123.86	264.97 11.56 -120.15	233.83 11.44 -85.05	224.75 10.26 -87.16	122.97 6.76 -8.89	160.84 7.53 -48.57
SOUTHDOW_115KV_TB1 355954	94.85 -7.21 0.00	105.16 -9.35 0.00	94.45 -10.74 0.00	105.71 -11.57 0.00	110.26 -11.48 0.00	106.65 -12.53 0.00	107.01 -13.96 0.00	72.04 -9.44 0.00	83.43 -10.45 0.00	93.75 -11.05 0.00	119.05 -13.61 0.00	112.01 -11.62 0.00	107.40 -11.82 0.00	104.30 -10.74 0.00	110.28 -10.64 0.00	120.30 -9.09 0.00	138.65 -9.67 0.00	128.72 -10.78 0.00	130.91 -12.87 0.00	124.05 -9.21 0.00	128.29 -9.05 0.00	119.02 -8.31 0.00	100.38 -6.93 0.00	97.83 -6.91 0.00
SOUTHOLD_69_KV_BK 2 55809	109.26 7.19 0.00	122.32 7.81 0.00	112.31 7.12 0.00	126.29 9.00 0.00	155.80 12.34 -21.71	165.52 12.63 -33.71	205.37 12.84 -71.56	147.90 9.15 -57.27	214.12 10.23 -110.00	205.39 10.10 -90.49	141.69 8.05 -0.97	157.99 10.02 -24.35	255.33 13.37 -122.73	212.19 13.10 -84.06	269.62 13.48 -135.23	246.99 13.19 -104.41	235.21 15.30 -71.58	260.71 13.89 -107.33	280.92 13.32 -123.82	266.21 12.84 -120.12	235.31 12.95 -85.03	225.94 11.48 -87.13	123.55 7.36 -8.88	161.50 8.20 -48.56
SOUTHOLD___IC 23719	109.27 7.20 0.00	122.33 7.82 0.00	112.28 7.10 0.00	126.29 9.01 0.00	155.75 12.29 -21.71	165.45 12.56 -33.71	205.34 12.81 -71.56	147.88 9.13 -57.27	214.09 10.20 -110.00	205.37 10.08 -90.49	141.63 8.00 -0.97	157.96 9.98 -24.35	255.30 13.35 -122.73	212.19 13.09 -84.06	269.61 13.46 -135.23	246.98 13.17 -104.41	235.17 15.27 -71.58	260.68 13.85 -107.33	280.86 13.26 -123.82	266.16 12.79 -120.12	235.24 12.87 -85.03	225.88 11.42 -87.13	123.55 7.35 -8.88	161.49 8.19 -48.56
SOUTH_FORK_WT_PWR 323839	107.86 5.79 0.00	120.91 6.40 0.00	111.11 5.92 0.00	125.59 8.31 0.00	155.88 12.42 -21.71	165.69 12.79 -33.72	205.49 12.94 -71.58	147.70 8.93 -57.28	213.76 9.86 -110.03	204.86 9.55 -90.51	139.90 6.27 -0.97	156.76 8.78 -24.35	255.47 13.49 -122.75	212.39 13.27 -84.07	269.85 13.69 -135.25	247.17 13.35 -104.43	235.46 15.54 -71.59	260.91 14.08 -107.35	280.66 13.04 -123.84	266.10 12.71 -120.13	235.51 13.12 -85.04	226.06 11.58 -87.14	123.01 6.81 -8.89	161.21 7.90 -48.57
SPIERFLS_115KV_TB 1 80737	109.07 7.00 0.00	122.74 8.23 0.00	112.65 7.47 0.00	125.59 8.31 0.00	130.40 8.66 0.00	127.90 8.72 0.00	130.18 9.21 0.00	88.04 6.56 0.00	101.43 7.56 0.00	112.90 8.11 0.00	143.18 10.52 0.00	133.26 9.64 0.00	128.73 9.51 0.00	124.38 9.34 0.00	130.82 9.90 0.00	140.43 11.03 0.00	161.23 12.90 0.00	151.39 11.89 0.00	156.02 12.24 0.00	144.33 11.07 0.00	148.19 10.85 0.00	137.53 10.19 0.00	115.30 7.98 0.00	112.51 7.77 0.00
ST LAWRENCE____ 23600	102.54 0.47 0.00	114.93 0.42 0.00	105.86 0.67 0.00	118.07 0.79 0.00	122.40 0.66 0.00	119.82 0.65 0.00	121.68 0.72 0.00	82.00 0.52 0.00	94.42 0.55 0.00	105.67 0.88 0.00	133.78 1.11 0.00	124.39 0.77 0.00	119.91 0.69 0.00	115.84 0.80 0.00	121.87 0.95 0.00	130.23 0.84 0.00	148.90 0.57 0.00	139.98 0.49 0.00	144.22 0.44 0.00	133.77 0.51 0.00	138.01 0.67 0.00	128.06 0.73 0.00	108.33 1.02 0.00	105.75 1.01 0.00

STATE_CA_115KV_115_LB 55624	106.13 4.06 0.00	119.48 4.96 0.00	109.70 4.51 0.00	122.30 5.01 0.00	127.02 5.28 0.00	124.21 5.04 0.00	125.68 4.71 0.00	84.74 3.26 0.00	97.46 3.58 0.00	108.72 3.93 0.00	137.40 4.74 0.00	128.55 4.93 0.00	124.22 4.99 0.00	119.38 4.34 0.00	125.09 4.17 0.00	133.53 4.14 0.00	152.71 4.38 0.00	143.89 4.40 0.00	148.53 4.75 0.00	137.69 4.43 0.00	142.00 4.66 0.00	131.71 4.38 0.00	111.28 3.96 0.00	109.07 4.33 0.00
STATE_ST_34_KV_LOAD 55959	100.92 -1.14 0.00	112.59 -1.93 0.00	103.01 -2.18 0.00	114.89 -2.39 0.00	119.79 -1.96 0.00	117.34 -1.83 0.00	118.55 -2.42 0.00	79.75 -1.73 0.00	92.35 -1.53 0.00	103.18 -1.61 0.00	130.49 -2.17 0.00	121.47 -2.16 0.00	117.13 -2.10 0.00	113.32 -1.72 0.00	119.02 -1.90 0.00	127.78 -1.62 0.00	146.88 -1.45 0.00	138.26 -1.23 0.00	142.29 -1.49 0.00	131.98 -1.28 0.00	135.82 -1.52 0.00	125.73 -1.60 0.00	105.39 -1.93 0.00	102.75 -1.99 0.00
STATION_5_MISC_HYD 23604	95.83 -4.72 1.52	106.53 -5.75 2.23	96.79 -6.37 2.02	107.01 -6.98 3.29	111.70 -7.22 2.83	108.42 -7.01 3.74	110.82 -8.15 2.00	73.51 -6.18 1.79	83.21 -6.87 3.80	81.30 -7.21 16.28	109.23 -9.27 14.17	108.70 -8.95 5.98	108.97 -8.57 1.69	105.50 -7.91 1.63	97.24 -8.28 15.40	94.07 -8.26 27.06	106.80 -8.77 32.76	91.43 -8.07 40.00	97.02 -8.81 37.95	80.48 -7.81 44.96	82.61 -8.07 46.65	85.37 -7.52 34.44	93.48 -5.78 8.05	90.21 -5.91 8.63
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	98.38 -3.69 0.00	109.98 -4.54 0.00	100.20 -4.98 0.00	111.83 -5.45 0.00	116.16 -5.58 0.00	113.75 -5.43 0.00	114.84 -6.12 0.00	76.91 -4.57 0.00	88.94 -4.94 0.00	99.55 -5.24 0.00	125.81 -6.85 0.00	117.01 -6.61 0.00	112.88 -6.35 0.00	109.22 -5.82 0.00	114.78 -6.14 0.00	123.32 -6.08 0.00	141.95 -6.37 0.00	133.72 -5.78 0.00	137.39 -6.40 0.00	127.58 -5.67 0.00	131.38 -5.96 0.00	121.68 -5.65 0.00	102.82 -4.50 0.00	100.15 -4.59 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	96.90 -5.17 0.00	108.27 -6.24 0.00	98.40 -6.78 0.00	109.85 -7.43 0.00	114.10 -7.64 0.00	111.65 -7.52 0.00	112.47 -8.50 0.00	75.12 -6.36 0.00	86.77 -7.10 0.00	97.26 -7.53 0.00	123.00 -9.65 0.00	114.35 -9.27 0.00	110.37 -8.85 0.00	106.85 -8.19 0.00	112.29 -8.62 0.00	120.70 -8.69 0.00	138.97 -9.36 0.00	130.91 -8.58 0.00	134.45 -9.33 0.00	124.91 -8.35 0.00	128.73 -8.61 0.00	119.25 -8.08 0.00	101.08 -6.24 0.00	98.44 -6.30 0.00
STA_56___34_KV_BUS2 355983	96.90 -5.17 0.00	108.27 -6.24 0.00	98.40 -6.78 0.00	109.85 -7.43 0.00	114.10 -7.64 0.00	111.65 -7.52 0.00	112.47 -8.50 0.00	75.12 -6.36 0.00	86.77 -7.10 0.00	97.26 -7.53 0.00	123.00 -9.65 0.00	114.35 -9.27 0.00	110.37 -8.85 0.00	106.85 -8.19 0.00	112.29 -8.62 0.00	120.70 -8.69 0.00	138.97 -9.36 0.00	130.91 -8.58 0.00	134.45 -9.33 0.00	124.91 -8.35 0.00	128.73 -8.61 0.00	119.25 -8.08 0.00	101.08 -6.24 0.00	98.44 -6.30 0.00
STA_67___115KV_BK2 355882	97.13 -4.94 0.00	108.53 -5.99 0.00	98.60 -6.58 0.00	110.07 -7.21 0.00	114.28 -7.46 0.00	111.84 -7.33 0.00	112.52 -8.45 0.00	75.12 -6.36 0.00	86.78 -7.10 0.00	97.29 -7.50 0.00	123.02 -9.64 0.00	114.30 -9.32 0.00	110.35 -8.87 0.00	106.86 -8.18 0.00	112.31 -8.60 0.00	120.71 -8.68 0.00	139.01 -9.32 0.00	130.96 -8.54 0.00	134.46 -9.32 0.00	124.94 -8.32 0.00	128.80 -8.54 0.00	119.35 -7.98 0.00	101.24 -6.08 0.00	98.59 -6.15 0.00
STA_7___115KV_9TRANS 80674	97.80 -4.26 0.00	109.22 -5.29 0.00	99.21 -5.98 0.00	110.76 -6.52 0.00	115.01 -6.73 0.00	112.57 -6.60 0.00	113.30 -7.66 0.00	75.65 -5.83 0.00	87.44 -6.43 0.00	98.06 -6.74 0.00	124.00 -8.66 0.00	115.25 -8.38 0.00	111.25 -7.98 0.00	107.73 -7.31 0.00	113.26 -7.66 0.00	121.74 -7.66 0.00	140.22 -8.11 0.00	132.13 -7.36 0.00	135.69 -8.10 0.00	126.12 -7.14 0.00	129.91 -7.43 0.00	120.36 -6.97 0.00	102.02 -5.29 0.00	99.32 -5.42 0.00
STA_82___115KV_TB1 80780	97.04 -5.02 0.00	108.46 -6.05 0.00	98.50 -6.69 0.00	109.95 -7.33 0.00	114.20 -7.54 0.00	111.75 -7.43 0.00	112.46 -8.51 0.00	75.05 -6.43 0.00	86.70 -7.17 0.00	97.19 -7.60 0.00	122.92 -9.74 0.00	114.21 -9.42 0.00	110.23 -8.99 0.00	106.76 -8.28 0.00	112.20 -8.71 0.00	120.59 -8.80 0.00	138.86 -9.47 0.00	130.82 -8.68 0.00	134.32 -9.46 0.00	124.81 -8.45 0.00	128.66 -8.68 0.00	119.23 -8.10 0.00	101.13 -6.19 0.00	98.50 -6.24 0.00
STEEL___WIND 323596	91.56 -7.21 3.29	100.90 -8.77 4.84	90.91 -9.89 4.38	99.47 -10.69 7.13	104.68 -10.93 6.13	100.11 -10.95 8.11	103.40 -13.23 4.33	67.40 -10.20 3.88	74.17 -11.47 8.24	57.56 -11.95 35.28	86.73 -15.23 30.70	96.40 -14.26 12.96	101.77 -13.80 3.66	98.71 -12.80 3.53	73.99 -13.55 33.37	57.22 -13.53 58.65	62.70 -14.62 71.01	39.01 -13.79 86.69	46.51 -15.01 82.26	22.64 -13.17 97.45	22.96 -13.25 101.12	40.35 -12.33 74.65	80.59 -9.28 17.44	76.88 -9.15 18.70
STEPHTWN_115KV_BK_2 55603	106.40 4.33 0.00	119.81 5.30 0.00	109.85 4.66 0.00	122.62 5.33 0.00	127.24 5.49 0.00	124.58 5.40 0.00	126.29 5.32 0.00	85.19 3.71 0.00	98.01 4.13 0.00	109.31 4.52 0.00	138.14 5.48 0.00	129.20 5.58 0.00	124.76 5.53 0.00	119.93 4.89 0.00	125.77 4.85 0.00	134.27 4.88 0.00	154.18 5.85 0.00	144.94 5.44 0.00	149.61 5.83 0.00	138.60 5.35 0.00	142.93 5.59 0.00	132.37 5.04 0.00	111.69 4.37 0.00	109.36 4.62 0.00
STEUBEN_REC_LFGE 323667	97.86 -4.20 0.00	108.36 -6.16 0.00	97.69 -7.49 0.00	108.58 -8.70 0.00	113.62 -8.13 0.00	111.54 -7.63 0.00	112.06 -8.91 0.00	75.09 -6.39 0.00	87.21 -6.67 0.00	98.51 -6.29 0.00	123.84 -8.82 0.00	117.87 -5.76 0.00	113.58 -5.64 0.00	110.14 -4.90 0.00	115.52 -5.40 0.00	124.71 -4.68 0.00	143.89 -4.44 0.00	134.32 -5.17 0.00	136.85 -6.93 0.00	127.09 -6.17 0.00	131.43 -5.92 0.00	120.45 -6.88 0.00	101.74 -5.58 0.00	100.16 -4.58 0.00
STILLWATER___SOLAR 323814	107.69 5.62 0.00	121.21 6.70 0.00	111.20 6.01 0.00	124.03 6.75 0.00	128.79 7.04 0.00	126.19 7.02 0.00	128.27 7.30 0.00	86.61 5.13 0.00	99.69 5.82 0.00	111.01 6.21 0.00	140.78 8.12 0.00	131.11 7.48 0.00	126.67 7.45 0.00	122.20 7.16 0.00	128.48 7.57 0.00	137.72 8.32 0.00	157.97 9.65 0.00	148.51 9.01 0.00	153.10 9.32 0.00	141.67 8.41 0.00	145.80 8.46 0.00	135.14 7.81 0.00	113.54 6.22 0.00	110.82 6.08 0.00
STONY___BROOK 24151	109.58 7.51 0.00	122.34 7.83 0.00	112.20 7.02 0.00	124.53 7.25 0.00	155.88 8.29 -25.85	167.59 8.27 -40.15	214.84 8.65 -85.22	156.64 6.96 -68.19	232.05 7.96 -130.20	214.76 7.87 -102.09	141.76 8.40 -0.70	159.91 9.05 -27.24	266.87 9.19 -138.45	218.90 9.03 -94.83	282.66 9.19 -152.55	255.30 8.70 -117.21	237.20 10.38 -78.49	268.79 9.76 -119.53	291.54 9.97 -137.79	277.10 9.48 -134.37	240.75 8.96 -94.45	232.90 8.11 -97.46	120.73 5.70 -7.72	165.62 6.09 -54.78
STURGEON_POOL_HYD 23609	105.84 3.77 0.00	118.67 4.15 0.00	108.93 3.75 0.00	121.16 3.88 0.00	125.95 4.20 0.00	123.46 4.29 0.00	125.75 4.78 0.00	85.13 3.65 0.00	98.11 4.23 0.00	109.20 4.41 0.00	138.50 5.84 0.00	129.45 5.83 0.00	124.78 5.55 0.00	120.18 5.14 0.00	126.03 5.12 0.00	134.67 5.27 0.00	154.84 6.51 0.00	145.49 6.00 0.00	150.02 6.24 0.00	139.01 5.75 0.00	142.84 5.50 0.00	132.36 5.03 0.00	110.88 3.57 0.00	108.14 3.40 0.00

ST_LAW_115_BK7_LBMP 345037	102.60 0.53 0.00	115.04 0.52 0.00	105.98 0.79 0.00	118.15 0.87 0.00	122.45 0.71 0.00	119.84 0.66 0.00	121.68 0.72 0.00	82.05 0.57 0.00	94.49 0.61 0.00	105.78 0.98 0.00	133.86 1.20 0.00	124.43 0.81 0.00	119.96 0.73 0.00	115.90 0.85 0.00	121.94 1.02 0.00	130.23 0.84 0.00	148.89 0.56 0.00	139.98 0.49 0.00	144.23 0.45 0.00	133.78 0.53 0.00	138.01 0.67 0.00	128.14 0.81 0.00	108.44 1.12 0.00	105.87 1.13 0.00
ST_LAW_115_BK8_LBMP 345038	102.60 0.53 0.00	115.04 0.52 0.00	105.98 0.79 0.00	118.15 0.87 0.00	122.45 0.71 0.00	119.84 0.66 0.00	121.68 0.72 0.00	82.05 0.57 0.00	94.49 0.61 0.00	105.78 0.98 0.00	133.86 1.20 0.00	124.43 0.81 0.00	119.96 0.73 0.00	115.90 0.85 0.00	121.94 1.02 0.00	130.23 0.84 0.00	148.89 0.56 0.00	139.98 0.49 0.00	144.23 0.45 0.00	133.78 0.53 0.00	138.01 0.67 0.00	128.14 0.81 0.00	108.44 1.12 0.00	105.87 1.13 0.00
ST_LAW_230_BK5_LBMP 345035	102.54 0.47 0.00	114.93 0.42 0.00	105.86 0.67 0.00	118.07 0.79 0.00	122.40 0.66 0.00	119.82 0.65 0.00	121.68 0.72 0.00	82.00 0.52 0.00	94.42 0.55 0.00	105.67 0.88 0.00	133.78 1.11 0.00	124.39 0.77 0.00	119.91 0.69 0.00	115.84 0.80 0.00	121.87 0.95 0.00	130.23 0.84 0.00	148.90 0.57 0.00	139.98 0.49 0.00	144.22 0.44 0.00	133.77 0.51 0.00	138.01 0.67 0.00	128.06 0.73 0.00	108.33 1.02 0.00	105.75 1.01 0.00
ST_LAW_230_BK6_LBMP 345036	102.54 0.47 0.00	114.93 0.42 0.00	105.86 0.67 0.00	118.07 0.79 0.00	122.40 0.66 0.00	119.82 0.65 0.00	121.68 0.72 0.00	82.00 0.52 0.00	94.42 0.55 0.00	105.67 0.88 0.00	133.78 1.11 0.00	124.39 0.77 0.00	119.91 0.69 0.00	115.84 0.80 0.00	121.87 0.95 0.00	130.23 0.84 0.00	148.90 0.57 0.00	139.98 0.49 0.00	144.22 0.44 0.00	133.77 0.51 0.00	138.01 0.67 0.00	128.06 0.73 0.00	108.33 1.02 0.00	105.75 1.01 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	104.96 2.89 0.00	117.71 3.20 0.00	108.05 2.86 0.00	120.15 2.87 0.00	124.92 3.18 0.00	122.38 3.21 0.00	124.56 3.59 0.00	84.33 2.84 0.00	97.16 3.28 0.00	108.04 3.25 0.00	136.95 4.29 0.00	128.05 4.43 0.00	123.50 4.27 0.00	118.90 3.86 0.00	124.80 3.88 0.00	133.50 4.11 0.00	153.35 5.02 0.00	144.14 4.64 0.00	148.59 4.81 0.00	137.76 4.51 0.00	141.62 4.27 0.00	131.27 3.94 0.00	110.04 2.73 0.00	107.31 2.57 0.00
SWANROAD_115KV_TB1 355699	92.43 -9.64 0.00	103.18 -11.33 0.00	92.95 -12.24 0.00	103.94 -13.34 0.00	107.86 -13.88 0.00	105.31 -13.86 0.00	103.83 -17.14 0.00	68.18 -13.31 0.00	78.70 -15.18 0.00	88.65 -16.15 0.00	112.07 -20.59 0.00	103.88 -19.74 0.00	100.30 -18.93 0.00	97.32 -17.72 0.00	102.19 -18.73 0.00	110.08 -19.32 0.00	126.76 -21.56 0.00	119.46 -20.04 0.00	122.36 -21.42 0.00	114.15 -19.11 0.00	118.21 -19.13 0.00	109.88 -17.44 0.00	94.26 -13.06 0.00	91.88 -12.85 0.00
SYNERGY___BIOGAS 323694	96.92 -5.14 0.00	108.17 -6.34 0.00	97.74 -7.45 0.00	109.24 -8.04 0.00	113.45 -8.29 0.00	110.91 -8.26 0.00	110.58 -10.39 0.00	73.33 -8.16 0.00	84.77 -9.10 0.00	95.23 -9.56 0.00	120.16 -12.50 0.00	111.49 -12.13 0.00	107.78 -11.45 0.00	104.55 -10.49 0.00	109.82 -11.09 0.00	118.49 -10.91 0.00	136.65 -11.68 0.00	128.79 -10.70 0.00	132.05 -11.73 0.00	122.90 -10.36 0.00	126.82 -10.52 0.00	117.56 -9.76 0.00	100.19 -7.12 0.00	97.50 -7.24 0.00
SYRACUSE___ENERGY_ST1 323597	100.09 -1.97 0.00	112.03 -2.48 0.00	102.64 -2.55 0.00	114.50 -2.78 0.00	118.96 -2.79 0.00	116.42 -2.76 0.00	118.09 -2.88 0.00	79.50 -1.98 0.00	91.76 -2.12 0.00	102.44 -2.35 0.00	129.57 -3.09 0.00	120.73 -2.89 0.00	116.40 -2.82 0.00	112.43 -2.61 0.00	118.17 -2.75 0.00	126.71 -2.69 0.00	145.53 -2.79 0.00	136.91 -2.58 0.00	141.03 -2.75 0.00	130.78 -2.47 0.00	134.59 -2.75 0.00	124.66 -2.67 0.00	104.80 -2.52 0.00	102.22 -2.52 0.00
SYRACUSE___ENERGY_ST2 323598	100.09 -1.97 0.00	112.03 -2.48 0.00	102.64 -2.55 0.00	114.50 -2.78 0.00	118.96 -2.79 0.00	116.42 -2.76 0.00	118.09 -2.88 0.00	79.50 -1.98 0.00	91.76 -2.12 0.00	102.44 -2.35 0.00	129.57 -3.09 0.00	120.73 -2.89 0.00	116.40 -2.82 0.00	112.43 -2.61 0.00	118.17 -2.75 0.00	126.71 -2.69 0.00	145.53 -2.79 0.00	136.91 -2.58 0.00	141.03 -2.75 0.00	130.78 -2.47 0.00	134.59 -2.75 0.00	124.66 -2.67 0.00	104.80 -2.52 0.00	102.22 -2.52 0.00
SYRACUSE___POWER 24017	99.99 -2.08 0.00	111.95 -2.57 0.00	102.58 -2.61 0.00	114.53 -2.75 0.00	118.90 -2.84 0.00	116.31 -2.87 0.00	118.03 -2.93 0.00	79.46 -2.02 0.00	91.70 -2.18 0.00	102.39 -2.41 0.00	129.54 -3.12 0.00	120.70 -2.93 0.00	116.37 -2.85 0.00	112.41 -2.63 0.00	118.15 -2.77 0.00	126.66 -2.74 0.00	145.55 -2.78 0.00	136.91 -2.58 0.00	141.02 -2.76 0.00	130.77 -2.49 0.00	134.58 -2.76 0.00	124.65 -2.68 0.00	104.76 -2.56 0.00	102.20 -2.54 0.00
TALLMAN_138KV_BK151 55660	104.95 2.88 0.00	117.64 3.13 0.00	108.03 2.85 0.00	120.06 2.77 0.00	124.84 3.10 0.00	122.28 3.11 0.00	124.49 3.52 0.00	84.36 2.88 0.00	97.19 3.32 0.00	108.03 3.24 0.00	136.95 4.29 0.00	128.05 4.42 0.00	123.51 4.28 0.00	118.87 3.83 0.00	124.77 3.85 0.00	133.55 4.15 0.00	153.39 5.06 0.00	144.15 4.65 0.00	148.61 4.83 0.00	137.79 4.53 0.00	141.67 4.33 0.00	131.35 4.02 0.00	109.95 2.64 0.00	107.25 2.51 0.00
TEALLAVE_115KV_TB7 355573	99.46 -2.61 0.00	111.35 -3.16 0.00	102.03 -3.15 0.00	113.84 -3.44 0.00	118.20 -3.54 0.00	115.69 -3.48 0.00	117.35 -3.62 0.00	78.97 -2.52 0.00	91.12 -2.75 0.00	101.75 -3.05 0.00	128.77 -3.89 0.00	119.99 -3.64 0.00	115.68 -3.55 0.00	111.73 -3.31 0.00	117.44 -3.48 0.00	125.88 -3.52 0.00	144.53 -3.80 0.00	135.99 -3.50 0.00	140.08 -3.70 0.00	129.85 -3.41 0.00	133.69 -3.65 0.00	123.80 -3.53 0.00	104.21 -3.10 0.00	101.67 -3.07 0.00
TELGRAPH_34_KV_EAST 80808	94.41 -7.65 0.00	105.39 -9.13 0.00	95.09 -10.10 0.00	106.30 -10.98 0.00	110.35 -11.40 0.00	107.82 -11.35 0.00	107.03 -13.93 0.00	70.68 -10.80 0.00	81.69 -12.19 0.00	91.90 -12.89 0.00	116.12 -16.53 0.00	107.71 -15.92 0.00	103.99 -15.23 0.00	100.88 -14.16 0.00	106.00 -14.92 0.00	114.21 -15.19 0.00	131.58 -16.75 0.00	123.96 -15.54 0.00	127.02 -16.76 0.00	118.36 -14.90 0.00	122.31 -15.03 0.00	113.55 -13.78 0.00	97.04 -10.27 0.00	94.52 -10.22 0.00
TEMPLE___115KV_TB 2 55572	99.48 -2.59 0.00	111.37 -3.14 0.00	102.07 -3.12 0.00	113.85 -3.43 0.00	118.21 -3.53 0.00	115.70 -3.47 0.00	117.37 -3.60 0.00	78.99 -2.49 0.00	91.14 -2.74 0.00	101.76 -3.03 0.00	128.77 -3.89 0.00	120.00 -3.63 0.00	115.74 -3.49 0.00	111.74 -3.30 0.00	117.45 -3.47 0.00	125.89 -3.51 0.00	144.56 -3.77 0.00	136.03 -3.46 0.00	140.10 -3.69 0.00	129.89 -3.36 0.00	133.74 -3.60 0.00	123.83 -3.50 0.00	104.21 -3.10 0.00	101.68 -3.06 0.00
TIANA____69_KV_BK 1 55817	109.99 7.92 0.00	122.95 8.43 0.00	112.75 7.57 0.00	125.79 8.51 0.00	153.94 10.48 -21.71	163.53 10.64 -33.71	203.46 10.93 -71.57	146.94 8.19 -57.27	213.19 9.30 -110.01	204.60 9.31 -90.50	142.31 8.68 -0.97	157.96 9.98 -24.35	253.39 11.43 -122.73	210.21 11.11 -84.06	267.50 11.36 -135.23	244.71 10.90 -104.42	232.47 12.57 -71.58	258.62 11.80 -107.33	279.34 11.74 -123.82	264.49 11.12 -120.12	233.33 10.95 -85.03	224.29 9.83 -87.13	122.79 6.59 -8.88	160.61 7.31 -48.56

TILDEN___115KV_TB1 80814	99.99 -2.08 0.00	111.95 -2.57 0.00	102.58 -2.61 0.00	114.53 -2.75 0.00	118.90 -2.84 0.00	116.31 -2.87 0.00	118.03 -2.93 0.00	79.46 -2.02 0.00	91.70 -2.18 0.00	102.39 -2.41 0.00	129.54 -3.12 0.00	120.70 -2.93 0.00	116.37 -2.85 0.00	112.41 -2.63 0.00	118.15 -2.77 0.00	126.66 -2.74 0.00	145.55 -2.78 0.00	136.91 -2.58 0.00	141.02 -2.76 0.00	130.77 -2.49 0.00	134.58 -2.76 0.00	124.65 -2.68 0.00	104.76 -2.56 0.00	102.20 -2.54 0.00
TRIGEN___CC 323695	107.26 5.19 0.00	120.05 5.53 0.00	110.15 4.96 0.00	122.19 4.91 0.00	127.29 5.55 0.00	124.77 5.59 0.00	126.92 5.95 0.00	86.43 4.95 0.00	99.59 5.71 0.00	110.48 5.68 0.00	139.28 6.62 0.00	130.75 7.13 0.00	126.19 6.96 0.00	121.76 6.72 0.00	127.62 6.70 0.00	136.01 6.62 0.00	156.39 8.06 0.00	146.90 7.41 0.00	151.38 7.59 0.00	140.52 7.26 0.00	144.10 6.76 0.00	133.42 6.09 0.00	111.43 4.12 0.00	109.00 4.25 0.00
TRINITY___115KV__4 BK 55933	105.58 3.51 0.00	118.88 4.37 0.00	109.15 3.97 0.00	121.71 4.43 0.00	126.40 4.66 0.00	123.62 4.45 0.00	125.09 4.13 0.00	84.34 2.86 0.00	96.99 3.12 0.00	108.19 3.40 0.00	136.76 4.10 0.00	127.82 4.20 0.00	123.54 4.31 0.00	118.78 3.73 0.00	124.48 3.57 0.00	132.88 3.49 0.00	152.02 3.69 0.00	143.19 3.70 0.00	147.82 4.04 0.00	137.00 3.74 0.00	141.33 3.99 0.00	131.07 3.74 0.00	110.71 3.40 0.00	108.46 3.72 0.00
UNION___PROCESSING_DRP 323587	97.07 -4.99 0.00	108.47 -6.04 0.00	98.52 -6.66 0.00	109.98 -7.30 0.00	114.24 -7.51 0.00	111.76 -7.42 0.00	112.47 -8.50 0.00	75.07 -6.41 0.00	86.73 -7.15 0.00	97.23 -7.56 0.00	122.94 -9.72 0.00	114.24 -9.39 0.00	110.28 -8.94 0.00	106.78 -8.26 0.00	112.22 -8.69 0.00	120.66 -8.74 0.00	138.91 -9.42 0.00	130.84 -8.65 0.00	134.38 -9.40 0.00	124.88 -8.37 0.00	128.71 -8.63 0.00	119.26 -8.07 0.00	101.17 -6.15 0.00	98.51 -6.23 0.00
UPPER HUDSON___HYD 24058	109.07 7.01 0.00	122.74 8.23 0.00	112.65 7.47 0.00	125.59 8.31 0.00	130.40 8.66 0.00	127.90 8.72 0.00	130.18 9.21 0.00	88.04 6.56 0.00	101.43 7.56 0.00	112.90 8.11 0.00	143.18 10.52 0.00	133.26 9.63 0.00	128.74 9.51 0.00	124.38 9.34 0.00	130.80 9.89 0.00	140.42 11.03 0.00	161.23 12.90 0.00	151.38 11.89 0.00	156.01 12.22 0.00	144.32 11.07 0.00	148.19 10.85 0.00	137.52 10.19 0.00	115.31 7.99 0.00	112.51 7.77 0.00
UPPER RAQUET___HYD 24056	103.72 1.65 0.00	116.62 2.11 0.00	107.64 2.46 0.00	119.79 2.51 0.00	123.73 1.99 0.00	120.24 1.07 0.00	121.99 1.02 0.00	82.12 0.64 0.00	94.72 0.84 0.00	106.16 1.37 0.00	134.67 2.02 0.00	125.21 1.58 0.00	120.36 1.13 0.00	116.21 1.17 0.00	122.46 1.55 0.00	130.77 1.38 0.00	148.43 0.10 0.00	139.82 0.33 0.00	144.33 0.55 0.00	133.91 0.66 0.00	138.15 0.81 0.00	128.25 0.92 0.00	109.33 2.01 0.00	106.87 2.13 0.00
VALLEY44_115KV_TB2 355964	95.66 -6.41 0.00	106.82 -7.69 0.00	96.60 -8.59 0.00	108.20 -9.08 0.00	112.76 -8.98 0.00	109.81 -9.36 0.00	110.06 -10.91 0.00	73.54 -7.94 0.00	84.65 -9.23 0.00	94.70 -10.09 0.00	119.80 -12.86 0.00	112.29 -11.33 0.00	108.55 -10.67 0.00	105.35 -9.69 0.00	110.38 -10.53 0.00	119.07 -10.32 0.00	137.23 -11.10 0.00	128.77 -10.72 0.00	132.09 -11.69 0.00	123.08 -10.18 0.00	126.58 -10.76 0.00	117.33 -10.00 0.00	99.69 -7.62 0.00	97.31 -7.43 0.00
VALLEY___115KV_TB 1-4 80826	106.52 4.45 0.00	119.88 5.36 0.00	110.05 4.86 0.00	122.74 5.46 0.00	127.50 5.75 0.00	124.79 5.61 0.00	126.62 5.65 0.00	85.50 4.01 0.00	98.44 4.57 0.00	109.28 4.49 0.00	138.24 5.58 0.00	129.06 5.44 0.00	124.52 5.30 0.00	120.23 5.19 0.00	126.79 5.87 0.00	135.63 6.23 0.00	155.77 7.44 0.00	146.70 7.21 0.00	151.09 7.31 0.00	140.01 6.75 0.00	144.12 6.78 0.00	133.37 6.04 0.00	111.93 4.62 0.00	109.17 4.43 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	107.68 5.61 0.00	120.76 6.24 0.00	110.95 5.76 0.00	123.78 6.50 0.00	128.68 6.94 0.00	126.21 7.04 0.00	128.05 7.08 0.00	86.31 4.83 0.00	99.73 5.85 0.00	111.01 6.22 0.00	140.55 7.90 0.00	131.02 7.39 0.00	126.31 7.09 0.00	121.81 6.77 0.00	127.91 6.99 0.00	137.15 7.75 0.00	158.02 9.70 0.00	148.67 9.17 0.00	153.25 9.47 0.00	141.90 8.64 0.00	145.82 8.48 0.00	134.84 7.51 0.00	113.13 5.82 0.00	110.28 5.54 0.00
VISCHER___FERRY HYD 24020	106.31 4.24 0.00	119.75 5.24 0.00	109.88 4.69 0.00	122.54 5.26 0.00	127.27 5.52 0.00	124.57 5.39 0.00	126.45 5.49 0.00	85.34 3.86 0.00	98.18 4.31 0.00	109.37 4.58 0.00	138.71 6.06 0.00	129.16 5.54 0.00	124.89 5.67 0.00	120.40 5.36 0.00	126.45 5.53 0.00	135.28 5.89 0.00	155.05 6.72 0.00	145.82 6.33 0.00	150.47 6.69 0.00	139.20 5.94 0.00	143.51 6.17 0.00	133.03 5.70 0.00	111.91 4.60 0.00	109.33 4.59 0.00
V_A_10_SYNC_DSASP 323832	93.73 -8.33 0.00	104.74 -9.78 0.00	94.73 -10.46 0.00	105.82 -11.46 0.00	109.89 -11.86 0.00	107.35 -11.83 0.00	107.32 -13.65 0.00	71.15 -10.33 0.00	82.08 -11.80 0.00	92.20 -12.59 0.00	116.60 -16.06 0.00	108.28 -15.34 0.00	104.58 -14.65 0.00	101.38 -13.66 0.00	106.45 -14.47 0.00	114.55 -14.84 0.00	131.86 -16.47 0.00	124.13 -15.36 0.00	127.37 -16.41 0.00	118.61 -14.64 0.00	122.46 -14.88 0.00	113.65 -13.68 0.00	96.97 -10.34 0.00	94.57 -10.18 0.00
V_CMM_10_SYNC_DSASP 323787	102.92 0.85 0.00	115.30 0.79 0.00	106.30 1.11 0.00	118.31 1.03 0.00	122.15 0.41 0.00	119.58 0.40 0.00	121.60 0.63 0.00	82.33 0.84 0.00	94.92 1.04 0.00	106.19 1.40 0.00	133.98 1.32 0.00	124.13 0.50 0.00	119.77 0.54 0.00	115.94 0.90 0.00	122.06 1.15 0.00	129.86 0.47 0.00	148.52 0.19 0.00	139.63 0.14 0.00	143.80 0.02 0.00	133.40 0.15 0.00	137.63 0.29 0.00	127.79 0.46 0.00	108.45 1.13 0.00	106.35 1.61 0.00
V_CMP_10_SYNC_DSASP 323788	104.79 2.72 0.00	117.47 2.96 0.00	108.15 2.97 0.00	120.48 3.20 0.00	125.70 3.96 0.00	123.23 4.05 0.00	125.46 4.49 0.00	84.58 3.10 0.00	97.07 3.19 0.00	108.14 3.34 0.00	137.43 4.77 0.00	128.18 4.56 0.00	123.29 4.06 0.00	119.00 3.96 0.00	124.87 3.95 0.00	133.84 4.45 0.00	152.81 4.48 0.00	143.06 3.57 0.00	147.30 3.52 0.00	136.93 3.68 0.00	141.03 3.69 0.00	130.85 3.53 0.00	109.98 2.67 0.00	106.71 1.97 0.00
V_D_10_SYNC_DSASP 323841	104.02 1.96 0.00	116.65 2.14 0.00	107.50 2.31 0.00	119.80 2.52 0.00	124.27 2.53 0.00	121.52 2.34 0.00	123.30 2.33 0.00	83.05 1.57 0.00	95.62 1.75 0.00	107.06 2.27 0.00	135.56 2.90 0.00	126.15 2.52 0.00	121.52 2.29 0.00	117.43 2.39 0.00	123.49 2.58 0.00	132.03 2.64 0.00	150.91 2.58 0.00	141.91 2.42 0.00	146.23 2.45 0.00	135.67 2.41 0.00	139.93 2.59 0.00	129.89 2.57 0.00	110.07 2.75 0.00	107.35 2.61 0.00
V_E_10_SYNC_DSASP 323830	107.54 5.47 0.00	121.00 6.48 0.00	110.99 5.80 0.00	124.12 6.83 0.00	128.02 6.28 0.00	125.11 5.93 0.00	126.39 5.43 0.00	84.44 2.95 0.00	97.78 3.90 0.00	109.75 4.96 0.00	139.09 6.43 0.00	129.47 5.84 0.00	124.07 4.84 0.00	120.53 5.49 0.00	128.22 7.30 0.00	138.35 8.96 0.00	159.48 11.15 0.00	151.16 11.67 0.00	156.06 12.28 0.00	144.62 11.36 0.00	147.58 10.24 0.00	136.36 9.03 0.00	113.61 6.30 0.00	111.04 6.30 0.00

V_F_30_NSYNC___DSASP 323816	107.76 5.69 0.00	121.26 6.75 0.00	111.26 6.07 0.00	124.09 6.81 0.00	128.85 7.10 0.00	126.26 7.08 0.00	128.31 7.34 0.00	86.65 5.17 0.00	99.75 5.87 0.00	111.08 6.29 0.00	140.85 8.19 0.00	131.23 7.61 0.00	126.77 7.54 0.00	122.30 7.26 0.00	128.58 7.66 0.00	137.78 8.39 0.00	158.10 9.78 0.00	148.61 9.11 0.00	153.18 9.40 0.00	141.71 8.45 0.00	145.88 8.54 0.00	135.20 7.87 0.00	113.60 6.29 0.00	110.88 6.14 0.00
V_F_30_SYNC_DSASP 323786	106.12 4.05 0.00	119.46 4.94 0.00	109.69 4.50 0.00	122.30 5.01 0.00	127.01 5.27 0.00	124.20 5.03 0.00	125.66 4.69 0.00	84.72 3.24 0.00	97.45 3.58 0.00	108.70 3.91 0.00	137.37 4.72 0.00	128.55 4.93 0.00	124.20 4.97 0.00	119.36 4.32 0.00	125.09 4.17 0.00	133.51 4.12 0.00	152.71 4.38 0.00	143.87 4.37 0.00	148.52 4.74 0.00	137.69 4.43 0.00	141.98 4.64 0.00	131.71 4.38 0.00	111.27 3.95 0.00	109.07 4.33 0.00
V_XM_10_SYNC_DSASP 323789	104.79 2.72 0.00	117.47 2.96 0.00	108.15 2.97 0.00	120.48 3.20 0.00	125.70 3.96 0.00	123.23 4.05 0.00	125.46 4.49 0.00	84.58 3.10 0.00	97.07 3.19 0.00	108.14 3.34 0.00	137.43 4.77 0.00	128.18 4.56 0.00	123.29 4.06 0.00	119.00 3.96 0.00	124.87 3.95 0.00	133.84 4.45 0.00	152.81 4.48 0.00	143.06 3.57 0.00	147.30 3.52 0.00	136.93 3.68 0.00	141.03 3.69 0.00	130.85 3.53 0.00	109.98 2.67 0.00	106.71 1.97 0.00
W.BABYLN_69_KV_BK1 56697	109.59 7.52 0.00	122.43 7.92 0.00	112.33 7.14 0.00	124.52 7.24 0.00	131.39 7.91 -1.73	129.68 7.82 -2.69	134.89 8.22 -5.71	92.69 6.64 -4.57	110.43 7.76 -8.79	119.89 7.74 -7.35	141.78 8.86 -0.26	135.04 9.34 -2.08	138.18 8.98 -9.97	130.68 8.80 -6.83	140.80 8.90 -10.99	147.11 8.97 -8.75	166.16 10.99 -6.84	159.00 10.08 -9.43	164.99 10.29 -10.92	153.32 9.78 -10.28	154.29 9.37 -7.58	143.23 8.44 -7.46	115.26 6.17 -1.77	114.85 6.16 -3.95
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	105.25 3.19 0.00	118.00 3.48 0.00	108.35 3.16 0.00	120.40 3.12 0.00	125.21 3.46 0.00	122.67 3.50 0.00	124.87 3.91 0.00	84.63 3.14 0.00	97.52 3.64 0.00	108.41 3.62 0.00	137.40 4.74 0.00	128.50 4.87 0.00	123.94 4.71 0.00	119.30 4.26 0.00	125.18 4.26 0.00	133.96 4.56 0.00	153.90 5.58 0.00	144.63 5.14 0.00	149.13 5.35 0.00	138.24 4.99 0.00	142.15 4.81 0.00	131.77 4.44 0.00	110.33 3.01 0.00	107.57 2.83 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	106.22 4.16 0.00	119.01 4.49 0.00	109.19 4.00 0.00	121.25 3.96 0.00	126.05 4.31 0.00	123.46 4.29 0.00	125.72 4.75 0.00	85.29 3.81 0.00	98.34 4.46 0.00	109.41 4.62 0.00	138.73 6.07 0.00	129.75 6.12 0.00	125.04 5.81 0.00	120.25 5.20 0.00	126.15 5.24 0.00	134.96 5.56 0.00	154.88 6.56 0.00	145.54 6.05 0.00	150.14 6.35 0.00	139.23 5.97 0.00	142.99 5.65 0.00	132.55 5.22 0.00	111.01 3.70 0.00	108.26 3.52 0.00
W50THST__13_KV_LOAD 356117	106.90 4.83 0.00	119.80 5.29 0.00	109.88 4.69 0.00	122.02 4.74 0.00	126.85 5.11 0.00	124.23 5.06 0.00	126.50 5.53 0.00	85.80 4.32 0.00	98.99 5.11 0.00	110.13 5.34 0.00	139.64 6.98 0.00	130.59 6.97 0.00	125.87 6.64 0.00	121.00 5.96 0.00	126.98 6.06 0.00	135.84 6.45 0.00	155.88 7.55 0.00	146.40 6.91 0.00	151.02 7.24 0.00	140.05 6.80 0.00	143.85 6.51 0.00	133.30 5.97 0.00	111.66 4.35 0.00	108.86 4.11 0.00
WADING RIVER_IC_1 23522	109.73 7.67 0.00	122.55 8.04 0.00	112.38 7.19 0.00	125.01 7.73 0.00	152.74 9.16 -21.83	162.23 9.15 -33.90	202.32 9.39 -71.96	146.38 7.32 -57.58	212.85 8.38 -110.59	203.96 8.35 -90.82	141.77 8.13 -0.98	157.29 9.23 -24.44	252.51 10.11 -123.17	209.05 9.64 -84.36	266.46 9.83 -135.72	243.32 9.12 -104.80	230.38 10.18 -71.86	256.73 9.50 -107.74	277.70 9.62 -124.29	262.89 9.07 -120.56	231.38 8.68 -85.35	222.68 7.90 -87.46	121.83 5.57 -8.94	159.79 6.31 -48.73
WADING RIVER_IC_2 23547	109.73 7.67 0.00	122.55 8.04 0.00	112.38 7.19 0.00	125.01 7.73 0.00	152.74 9.16 -21.83	162.23 9.15 -33.90	202.32 9.39 -71.96	146.38 7.32 -57.58	212.85 8.38 -110.59	203.96 8.35 -90.82	141.77 8.13 -0.98	157.29 9.23 -24.44	252.51 10.11 -123.17	209.05 9.64 -84.36	266.46 9.83 -135.72	243.32 9.12 -104.80	230.38 10.18 -71.86	256.73 9.50 -107.74	277.70 9.62 -124.29	262.89 9.07 -120.56	231.38 8.68 -85.35	222.68 7.90 -87.46	121.83 5.57 -8.94	159.79 6.31 -48.73
WADING RIVER_IC_3 23601	109.73 7.67 0.00	122.55 8.04 0.00	112.38 7.19 0.00	125.01 7.73 0.00	152.74 9.16 -21.83	162.23 9.15 -33.90	202.32 9.39 -71.96	146.38 7.32 -57.58	212.85 8.38 -110.59	203.96 8.35 -90.82	141.77 8.13 -0.98	157.29 9.23 -24.44	252.51 10.11 -123.17	209.05 9.64 -84.36	266.46 9.83 -135.72	243.32 9.12 -104.80	230.38 10.18 -71.86	256.73 9.50 -107.74	277.70 9.62 -124.29	262.89 9.07 -120.56	231.38 8.68 -85.35	222.68 7.90 -87.46	121.83 5.57 -8.94	159.79 6.31 -48.73
WALDENNY_12_KV_BK2 80841	95.04 -7.03 0.00	105.89 -8.62 0.00	95.44 -9.74 0.00	106.76 -10.52 0.00	110.95 -10.79 0.00	108.28 -10.90 0.00	107.78 -13.19 0.00	71.23 -10.25 0.00	82.35 -11.53 0.00	92.75 -12.04 0.00	117.28 -15.38 0.00	109.20 -14.43 0.00	105.35 -13.88 0.00	102.21 -12.83 0.00	107.28 -13.64 0.00	115.65 -13.74 0.00	133.34 -14.99 0.00	125.48 -14.01 0.00	128.50 -15.29 0.00	119.85 -13.40 0.00	123.83 -13.51 0.00	114.83 -12.50 0.00	97.99 -9.33 0.00	95.53 -9.20 0.00
WALDEN___HYDRO 24148	105.74 3.67 0.00	118.54 4.03 0.00	108.83 3.64 0.00	121.02 3.73 0.00	125.83 4.08 0.00	123.27 4.09 0.00	125.48 4.52 0.00	84.97 3.48 0.00	97.92 4.04 0.00	108.96 4.17 0.00	138.08 5.41 0.00	129.12 5.50 0.00	124.50 5.28 0.00	119.89 4.85 0.00	125.78 4.87 0.00	134.50 5.11 0.00	154.60 6.27 0.00	145.34 5.85 0.00	149.86 6.08 0.00	138.87 5.62 0.00	142.77 5.43 0.00	132.29 4.96 0.00	110.89 3.58 0.00	108.12 3.38 0.00
WARRENSBURG____ 23737	109.07 7.00 0.00	122.74 8.23 0.00	112.65 7.47 0.00	125.59 8.31 0.00	130.40 8.66 0.00	127.90 8.72 0.00	130.18 9.21 0.00	88.04 6.56 0.00	101.43 7.56 0.00	112.90 8.11 0.00	143.18 10.52 0.00	133.26 9.64 0.00	128.73 9.51 0.00	124.38 9.34 0.00	130.82 9.90 0.00	140.43 11.03 0.00	161.23 12.90 0.00	151.39 11.89 0.00	156.02 12.24 0.00	144.33 11.07 0.00	148.19 10.85 0.00	137.53 10.19 0.00	115.30 7.98 0.00	112.51 7.77 0.00
WATERSIDE___6 8 9 23538	105.87 3.80 0.00	118.65 4.13 0.00	108.87 3.69 0.00	120.97 3.68 0.00	125.74 3.99 0.00	123.14 3.96 0.00	125.42 4.46 0.00	85.08 3.60 0.00	98.09 4.21 0.00	109.10 4.31 0.00	138.38 5.72 0.00	129.36 5.74 0.00	124.62 5.40 0.00	119.75 4.71 0.00	125.69 4.78 0.00	134.46 5.07 0.00	154.33 6.00 0.00	145.02 5.52 0.00	149.56 5.78 0.00	138.71 5.45 0.00	142.47 5.13 0.00	132.04 4.71 0.00	110.63 3.32 0.00	107.87 3.13 0.00
WATKINRD_115KV_LN8_ILLION 55919	105.29 3.23 0.00	118.36 3.85 0.00	108.66 3.48 0.00	121.22 3.94 0.00	125.89 4.15 0.00	123.23 4.05 0.00	125.07 4.10 0.00	84.36 2.88 0.00	97.17 3.29 0.00	108.00 3.21 0.00	136.66 4.00 0.00	127.56 3.93 0.00	123.04 3.82 0.00	118.75 3.71 0.00	125.10 4.18 0.00	133.90 4.51 0.00	153.70 5.37 0.00	144.73 5.23 0.00	149.14 5.36 0.00	138.15 4.90 0.00	142.29 4.95 0.00	131.75 4.42 0.00	110.66 3.35 0.00	107.95 3.21 0.00

WDELAWARE___HYD 323627	104.35 2.28 0.00	116.88 2.37 0.00	107.28 2.09 0.00	119.36 2.08 0.00	124.13 2.39 0.00	121.70 2.53 0.00	123.95 2.98 0.00	83.94 2.46 0.00	96.80 2.92 0.00	107.77 2.98 0.00	136.60 3.94 0.00	127.74 4.11 0.00	123.14 3.91 0.00	118.57 3.53 0.00	124.26 3.34 0.00	132.70 3.31 0.00	152.86 4.53 0.00	143.73 4.23 0.00	148.14 4.35 0.00	137.25 4.00 0.00	141.04 3.70 0.00	130.60 3.27 0.00	109.37 2.05 0.00	106.57 1.83 0.00
WEST BABYLON___IC 23714	109.59 7.52 0.00	122.43 7.92 0.00	112.33 7.14 0.00	124.52 7.24 0.00	131.39 7.91 -1.73	129.68 7.82 -2.69	134.89 8.22 -5.71	92.69 6.64 -4.57	110.43 7.76 -8.79	119.89 7.74 -7.35	141.78 8.86 -0.26	135.04 9.34 -2.08	138.18 8.98 -9.97	130.68 8.80 -6.83	140.80 8.90 -10.99	147.11 8.97 -8.75	166.16 10.99 -6.84	159.00 10.08 -9.43	164.99 10.29 -10.92	153.32 9.78 -10.28	154.29 9.37 -7.58	143.23 8.44 -7.46	115.26 6.17 -1.77	114.85 6.16 -3.95
WEST CANADA___HYD 24049	102.41 0.35 0.00	114.97 0.46 0.00	105.61 0.42 0.00	117.75 0.47 0.00	122.24 0.50 0.00	119.66 0.49 0.00	121.52 0.55 0.00	81.82 0.34 0.00	94.30 0.42 0.00	105.21 0.42 0.00	133.13 0.47 0.00	124.09 0.46 0.00	119.68 0.45 0.00	115.39 0.35 0.00	121.35 0.44 0.00	129.91 0.52 0.00	148.92 0.59 0.00	140.04 0.55 0.00	144.38 0.60 0.00	133.79 0.54 0.00	137.90 0.57 0.00	127.87 0.54 0.00	107.73 0.41 0.00	105.16 0.42 0.00
WESTERN_NY_WIND 24143	96.72 -5.35 0.00	107.94 -6.57 0.00	97.53 -7.66 0.00	109.01 -8.27 0.00	113.19 -8.56 0.00	110.66 -8.52 0.00	110.30 -10.67 0.00	73.08 -8.40 0.00	84.50 -9.38 0.00	94.98 -9.82 0.00	119.81 -12.85 0.00	111.18 -12.45 0.00	107.44 -11.79 0.00	104.22 -10.83 0.00	109.50 -11.41 0.00	118.11 -11.28 0.00	136.26 -12.07 0.00	128.40 -11.09 0.00	131.62 -12.17 0.00	122.51 -10.74 0.00	126.43 -10.91 0.00	117.24 -10.09 0.00	99.93 -7.38 0.00	97.23 -7.51 0.00
WESTOVER___LESR 323668	101.06 -1.01 0.00	113.19 -1.32 0.00	103.62 -1.56 0.00	115.61 -1.67 0.00	120.13 -1.61 0.00	117.54 -1.63 0.00	119.13 -1.83 0.00	80.13 -1.35 0.00	92.45 -1.42 0.00	103.17 -1.62 0.00	130.58 -2.09 0.00	122.06 -1.56 0.00	117.58 -1.65 0.00	113.63 -1.41 0.00	119.21 -1.71 0.00	127.90 -1.50 0.00	146.94 -1.39 0.00	138.18 -1.31 0.00	142.39 -1.39 0.00	132.12 -1.14 0.00	135.86 -1.48 0.00	125.70 -1.63 0.00	105.71 -1.61 0.00	103.30 -1.44 0.00
WETHRSFD_WT_PWR 323626	93.00 -7.72 1.35	102.94 -9.59 1.99	92.84 -10.55 1.80	103.03 -11.33 2.92	108.19 -11.04 2.51	104.89 -10.95 3.33	106.26 -12.93 1.78	70.18 -9.70 1.59	80.18 -10.31 3.38	79.49 -10.83 14.48	106.23 -13.83 12.59	106.01 -12.30 5.31	105.81 -11.91 1.50	102.64 -10.96 1.45	95.50 -11.73 13.69	93.64 -11.69 24.06	106.57 -12.62 29.13	91.75 -12.18 35.57	96.71 -13.32 33.75	81.51 -11.76 39.98	83.69 -12.16 41.49	84.87 -11.83 30.63	90.96 -9.20 7.15	88.23 -8.83 7.67
WHAVSTOR_138KV_BK127 55557	104.79 2.72 0.00	117.50 2.99 0.00	107.86 2.68 0.00	119.90 2.62 0.00	124.66 2.92 0.00	122.13 2.96 0.00	124.33 3.36 0.00	84.25 2.77 0.00	97.08 3.21 0.00	107.91 3.12 0.00	136.77 4.11 0.00	127.91 4.29 0.00	123.35 4.12 0.00	118.73 3.69 0.00	124.58 3.67 0.00	133.32 3.92 0.00	153.12 4.79 0.00	143.87 4.37 0.00	148.37 4.59 0.00	137.55 4.30 0.00	141.41 4.07 0.00	131.11 3.78 0.00	109.79 2.48 0.00	107.08 2.34 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	104.79 2.72 0.00	117.50 2.99 0.00	107.86 2.68 0.00	119.90 2.62 0.00	124.66 2.92 0.00	122.13 2.96 0.00	124.33 3.36 0.00	84.25 2.77 0.00	97.08 3.21 0.00	107.91 3.12 0.00	136.77 4.11 0.00	127.91 4.29 0.00	123.35 4.12 0.00	118.73 3.69 0.00	124.58 3.67 0.00	133.32 3.92 0.00	153.12 4.79 0.00	143.87 4.37 0.00	148.37 4.59 0.00	137.55 4.30 0.00	141.41 4.07 0.00	131.11 3.78 0.00	109.79 2.48 0.00	107.08 2.34 0.00
WHITEHAL_115KV_TB1 80871	109.22 7.16 0.00	123.40 8.88 0.00	113.35 8.16 0.00	126.48 9.20 0.00	131.21 9.47 0.00	129.03 9.86 0.00	133.13 12.16 0.00	90.45 8.97 0.00	104.20 10.32 0.00	115.38 10.59 0.00	146.65 13.99 0.00	135.89 12.27 0.00	131.54 12.32 0.00	127.36 12.31 0.00	133.78 12.86 0.00	144.35 14.96 0.00	165.79 17.46 0.00	154.81 15.31 0.00	159.68 15.90 0.00	147.82 14.56 0.00	151.43 14.09 0.00	140.39 13.06 0.00	117.29 9.98 0.00	114.33 9.58 0.00
WHITEPLN_13_KV_LOAD 356215	106.86 4.79 0.00	119.71 5.20 0.00	109.83 4.64 0.00	122.11 4.83 0.00	126.92 5.18 0.00	124.38 5.20 0.00	126.62 5.66 0.00	85.85 4.37 0.00	99.03 5.15 0.00	110.15 5.35 0.00	139.64 6.98 0.00	130.53 6.90 0.00	125.86 6.64 0.00	121.12 6.08 0.00	127.11 6.20 0.00	135.98 6.59 0.00	156.21 7.88 0.00	146.84 7.35 0.00	151.44 7.66 0.00	140.34 7.09 0.00	144.20 6.86 0.00	133.64 6.31 0.00	111.87 4.56 0.00	109.10 4.36 0.00
WM_FLOYD_69_KV_BK2 356380	109.70 7.63 0.00	122.50 7.99 0.00	112.33 7.15 0.00	124.83 7.54 0.00	151.92 8.81 -21.37	161.24 8.87 -33.19	200.57 9.15 -70.45	145.07 7.21 -56.38	210.47 8.23 -108.36	202.61 8.23 -89.58	142.00 8.41 -0.93	157.00 9.29 -24.09	250.48 9.76 -121.49	207.69 9.44 -83.21	264.40 9.62 -133.87	241.85 9.13 -103.32	229.69 10.68 -70.69	255.56 9.93 -106.13	276.33 10.12 -122.43	261.64 9.57 -118.82	230.58 9.18 -84.06	221.83 8.31 -86.19	121.75 5.81 -8.62	159.16 6.35 -48.07
WOODARD___115KV_TB2 355635	99.40 -2.67 0.00	111.33 -3.18 0.00	102.02 -3.16 0.00	113.82 -3.46 0.00	118.16 -3.58 0.00	115.67 -3.50 0.00	117.32 -3.65 0.00	78.97 -2.52 0.00	91.11 -2.76 0.00	101.75 -3.05 0.00	128.75 -3.91 0.00	119.98 -3.65 0.00	115.66 -3.57 0.00	111.67 -3.38 0.00	117.38 -3.54 0.00	125.84 -3.56 0.00	144.46 -3.87 0.00	135.93 -3.57 0.00	140.03 -3.75 0.00	129.83 -3.43 0.00	133.68 -3.66 0.00	123.78 -3.55 0.00	104.21 -3.10 0.00	101.64 -3.10 0.00
WOODMERE_69_KV_BK1 55827	108.60 6.54 0.00	121.47 6.96 0.00	111.45 6.26 0.00	123.65 6.37 0.00	128.81 7.06 0.00	126.28 7.10 0.00	128.48 7.51 0.00	87.47 5.99 0.00	100.83 6.95 0.00	111.80 7.01 0.00	140.87 8.21 0.00	132.37 8.75 0.00	127.63 8.40 0.00	123.22 8.17 0.00	129.26 8.34 0.00	137.68 8.28 0.00	158.44 10.11 0.00	148.88 9.38 0.00	153.34 9.56 0.00	142.38 9.12 0.00	145.98 8.63 0.00	135.08 7.75 0.00	112.77 5.45 0.00	110.29 5.55 0.00
YORK___WARBASSE 23770	105.84 3.77 0.00	118.51 4.00 0.00	108.78 3.59 0.00	120.79 3.51 0.00	125.58 3.84 0.00	122.95 3.77 0.00	125.29 4.32 0.00	85.08 3.60 0.00	98.07 4.19 0.00	109.06 4.27 0.00	138.38 5.72 0.00	129.36 5.73 0.00	124.60 5.38 0.00	119.72 4.68 0.00	125.71 4.80 0.00	134.53 5.13 0.00	154.35 6.02 0.00	145.01 5.51 0.00	149.56 5.78 0.00	138.75 5.50 0.00	142.50 5.15 0.00	132.18 4.85 0.00	110.72 3.40 0.00	107.98 3.24 0.00