

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/15/2025

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	93.48	89.75	87.86	85.68	87.87	97.17	116.49	147.69	125.26	102.76	106.25	103.88	101.45	101.25	103.95	113.23	125.85	166.44	147.21	130.37	125.18	117.61	118.69	109.56
24138	7.20	6.66	6.74	6.66	7.26	7.40	8.25	10.48	12.03	9.51	9.85	9.89	9.76	9.67	9.73	9.78	9.80	12.62	12.65	8.57	8.51	8.00	8.08	7.45
	-5.35	-8.23	-6.25	-4.15	0.00	-7.57	-22.33	-33.43	-3.87	-7.52	-10.67	-7.99	-6.05	-6.74	-8.85	-16.91	-28.56	-40.13	-19.55	-36.86	-31.57	-25.46	-26.46	-18.39
74TH STREET_GT_1	93.57	89.83	87.93	85.76	87.95	97.25	116.23	147.60	125.15	102.76	106.09	103.71	101.29	101.00	103.79	113.07	125.77	166.34	147.21	128.93	123.80	116.49	117.45	109.65
24260	7.28	6.74	6.81	6.74	7.34	7.48	7.99	10.38	11.92	9.52	9.69	9.72	9.59	9.42	9.56	9.61	9.71	12.51	12.65	8.75	8.51	7.99	7.99	7.53
	-5.36	-8.23	-6.25	-4.16	0.00	-7.57	-22.33	-33.43	-3.87	-7.52	-10.67	-7.99	-6.05	-6.74	-8.85	-16.91	-28.57	-40.14	-19.55	-35.25	-30.19	-24.35	-25.30	-18.39
74TH STREET_GT_2	93.57	89.83	87.93	85.76	87.95	97.25	116.23	147.60	125.15	102.76	106.09	103.71	101.29	101.00	103.79	113.07	125.77	166.34	147.21	128.93	123.80	116.49	117.45	109.65
24261	7.28	6.74	6.81	6.74	7.34	7.48	7.99	10.38	11.92	9.52	9.69	9.72	9.59	9.42	9.56	9.61	9.71	12.51	12.65	8.75	8.51	7.99	7.99	7.53
	-5.36	-8.23	-6.25	-4.16	0.00	-7.57	-22.33	-33.43	-3.87	-7.52	-10.67	-7.99	-6.05	-6.74	-8.85	-16.91	-28.57	-40.14	-19.55	-35.25	-30.19	-24.35	-25.30	-18.39
ADK HUDSON__FALLS	94.49	91.61	88.94	86.18	86.90	98.93	123.60	158.21	136.66	103.09	94.65	98.08	94.56	94.55	97.92	116.24	129.81	159.59	161.68	140.30	133.39	124.12	125.24	113.86
24011	6.31	5.61	5.61	5.69	6.29	6.49	7.47	9.24	9.62	7.20	6.52	6.28	6.25	6.19	6.57	6.84	7.79	10.80	10.93	7.73	7.49	7.07	6.90	6.53
	-7.25	-11.13	-8.46	-5.62	0.00	-10.24	-30.22	-45.19	-17.68	-10.16	-2.41	-5.81	-2.67	-3.51	-5.96	-22.85	-34.53	-35.09	-35.75	-47.63	-40.79	-32.90	-34.19	-23.61
ADK RESOURCE__RCVRY	94.89	92.00	89.32	86.55	87.30	99.35	124.14	158.97	137.51	103.62	95.16	98.60	95.07	94.98	98.42	116.77	130.36	160.47	162.69	140.53	133.66	124.52	125.55	114.38
23798	6.71	5.99	5.99	6.06	6.69	6.91	7.99	9.96	10.39	7.72	7.03	6.79	6.76	6.62	7.08	7.35	8.32	11.71	11.85	8.24	8.00	7.66	7.41	7.03
	-7.25	-11.14	-8.47	-5.63	0.00	-10.25	-30.24	-45.22	-17.76	-10.17	-2.40	-5.81	-2.67	-3.51	-5.96	-22.87	-34.55	-35.06	-35.83	-47.35	-40.55	-32.71	-33.99	-23.63
ADK S GLENS__FALLS	94.49	91.61	88.94	86.18	86.90	98.93	123.60	158.21	136.66	103.09	94.65	98.08	94.56	94.55	97.92	116.24	129.81	159.59	161.68	140.30	133.39	124.12	125.24	113.86
24028	6.31	5.61	5.61	5.69	6.29	6.49	7.47	9.24	9.62	7.20	6.52	6.28	6.25	6.19	6.57	6.84	7.79	10.80	10.93	7.73	7.49	7.07	6.90	6.53
	-7.25	-11.13	-8.46	-5.62	0.00	-10.24	-30.22	-45.19	-17.68	-10.16	-2.41	-5.81	-2.67	-3.51	-5.96	-22.85	-34.53	-35.09	-35.75	-47.63	-40.79	-32.90	-34.19	-23.61
ADK_NYS__DAM	93.82	91.06	88.49	85.68	86.58	98.24	121.66	155.15	131.25	101.87	95.08	98.37	95.00	94.87	98.00	115.25	127.96	157.57	155.78	137.17	130.63	122.05	123.12	112.25
23527	5.90	5.46	5.46	5.39	5.97	6.17	6.62	7.79	8.42	6.34	6.25	6.45	6.43	6.28	6.49	6.66	6.91	8.87	9.08	6.63	6.47	6.39	6.23	5.77
	-6.99	-10.73	-8.16	-5.42	0.00	-9.87	-29.14	-43.57	-13.46	-9.80	-3.09	-5.92	-2.93	-3.75	-6.14	-22.04	-33.56	-35.00	-31.69	-45.61	-39.06	-31.51	-32.74	-22.76
AIR_PRODUCTS__DRP	91.02	88.49	85.90	83.15	83.76	95.32	118.17	150.65	123.32	98.83	91.10	94.85	91.43	91.33	93.82	111.36	123.09	150.36	147.82	133.39	127.03	118.56	120.40	109.92
24190	3.08	2.84	2.84	2.84	3.14	3.21	3.01	3.11	3.94	3.26	3.34	3.35	3.34	3.22	2.82	2.68	2.27	3.18	3.11	2.29	2.38	2.52	3.11	3.35
	-7.02	-10.78	-8.19	-5.44	0.00	-9.91	-29.26	-43.75	-10.02	-9.84	-2.02	-5.49	-2.45	-3.26	-5.62	-22.13	-33.33	-33.49	-29.71	-46.17	-39.54	-31.89	-33.14	-22.84
AKWESSNE_115KV_BK	79.63	73.74	73.74	73.82	79.32	80.14	83.16	100.99	105.86	82.90	82.99	83.25	82.99	82.47	82.73	83.78	84.60	109.71	110.98	82.22	82.89	82.38	82.30	82.13
355683	-1.29	-1.12	-1.12	-1.05	-1.29	-2.05	-2.75	-2.80	-3.50	-2.83	-2.74	-2.75	-2.65	-2.38	-2.65	-2.77	-2.89	-3.98	-4.03	-2.72	-2.21	-1.77	-1.85	-1.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	91.83	89.07	86.54	83.93	84.80	96.00	118.63	151.01	122.36	98.95	91.65	94.99	91.56	91.62	94.41	111.55	123.71	152.43	147.70	133.48	127.30	118.95	120.42	110.39
323833	4.04	3.67	3.67	3.74	4.19	4.11	4.12	4.46	4.81	3.60	3.52	3.44	3.34	3.40	3.33	3.37	3.50	5.23	4.94	3.65	3.74	3.79	4.04	4.27
	-6.86	-10.53	-8.01	-5.32	0.00	-9.69	-28.59	-42.76	-8.19	-9.61	-2.40	-5.54	-2.58	-3.38	-5.70	-21.63	-32.72	-33.51	-27.75	-44.89	-38.45	-31.01	-32.23	-22.40
ALBANY_2_SOLAR	91.83	89.07	86.54	83.85	84.80	96.00	118.63	151.01	122.36	98.95	91.64	94.89	91.56	91.62	94.41	111.55	123.71	152.43	147.70	133.48	127.30	118.95	120.42	110.31
323834	4.04	3.67	3.67	3.67	4.19	4.11	4.12	4.46	4.81	3.60	3.52	3.35	3.34	3.40	3.33	3.37	3.50	5.23	4.94	3.65	3.74	3.79	4.04	4.18
	-6.86	-10.54	-8.01	-5.32	0.00	-9.69	-28.60	-42.77	-8.19	-9.62	-2.40	-5.54	-2.58	-3.38	-5.70	-21.63	-32.72	-33.50	-27.75	-44.90	-38.45	-31.02	-32.23	-22.40
ALBANY__1	91.02	88.49	85.90	83.15	83.76	95.32	118.17	150.65	123.32	98.83	91.10	94.85	91.43	91.33	93.82	111.36	123.09	150.36	147.82	133.39	127.03	118.56	120.40	109.92
23571	3.08	2.84	2.84	2.84	3.14	3.21	3.01	3.11	3.94	3.26	3.34	3.35	3.34	3.22	2.82	2.68	2.27	3.18	3.11	2.29	2.38	2.52	3.11	3.35
	-7.02	-10.78	-8.19	-5.44	0.00	-9.91	-29.26	-43.75	-10.02	-9.84	-2.02	-5.49	-2.45	-3.26	-5.62	-22.13	-33.33	-33.49	-29.71	-46.17	-39.54	-31.89	-33.14	-22.84

ALBANY___2 23572	91.02 3.08 -7.02	88.49 2.84 -10.78	85.90 2.84 -8.19	83.15 2.84 -5.44	83.76 3.14 0.00	95.32 3.21 -9.91	118.17 3.01 -29.26	150.65 3.11 -43.75	123.32 3.94 -10.02	98.83 3.26 -9.84	91.10 3.34 -2.02	94.85 3.35 -5.49	91.43 3.34 -2.45	91.33 3.22 -3.26	93.82 2.82 -5.62	111.36 2.68 -22.13	123.09 2.27 -33.33	150.36 3.18 -33.49	147.82 3.11 -29.71	133.39 2.29 -46.17	127.03 2.38 -39.54	118.56 2.52 -31.89	120.40 3.11 -33.14	109.92 3.35 -22.84
ALBANY___3 23573	91.02 3.08 -7.02	88.49 2.84 -10.78	85.90 2.84 -8.19	83.15 2.84 -5.44	83.76 3.14 0.00	95.32 3.21 -9.91	118.17 3.01 -29.26	150.65 3.11 -43.75	123.32 3.94 -10.02	98.83 3.26 -9.84	91.10 3.34 -2.02	94.85 3.35 -5.49	91.43 3.34 -2.45	91.33 3.22 -3.26	93.82 2.82 -5.62	111.36 2.68 -22.13	123.09 2.27 -33.33	150.36 3.18 -33.49	147.82 3.11 -29.71	133.39 2.29 -46.17	127.03 2.38 -39.54	118.56 2.52 -31.89	120.40 3.11 -33.14	109.92 3.35 -22.84
ALBANY___4 23574	91.02 3.08 -7.02	88.49 2.84 -10.78	85.90 2.84 -8.19	83.15 2.84 -5.44	83.76 3.14 0.00	95.32 3.21 -9.91	118.17 3.01 -29.26	150.65 3.11 -43.75	123.32 3.94 -10.02	98.83 3.26 -9.84	91.10 3.34 -2.02	94.85 3.35 -5.49	91.43 3.34 -2.45	91.33 3.22 -3.26	93.82 2.82 -5.62	111.36 2.68 -22.13	123.09 2.27 -33.33	150.36 3.18 -33.49	147.82 3.11 -29.71	133.39 2.29 -46.17	127.03 2.38 -39.54	118.56 2.52 -31.89	120.40 3.11 -33.14	109.92 3.35 -22.84
ALBANY___LFGE 323615	91.66 3.65 -7.09	89.12 3.37 -10.89	86.51 3.37 -8.28	83.74 3.37 -5.50	84.32 3.71 0.00	96.00 3.78 -10.01	119.24 3.78 -29.55	152.14 4.16 -44.20	126.86 5.03 -12.47	99.78 4.11 -9.94	91.95 4.03 -2.19	95.65 4.04 -5.61	92.20 4.03 -2.54	92.11 3.91 -3.36	94.80 3.67 -5.75	112.45 3.55 -22.35	124.44 3.24 -33.72	152.22 4.43 -34.09	151.02 4.48 -31.53	134.38 3.23 -46.22	128.01 3.32 -39.58	119.45 3.37 -31.93	121.20 3.87 -33.18	110.72 3.94 -23.06
ALCOA_PA_115KV_PL-6C 55860	79.80 -1.13 0.00	73.89 -0.97 0.00	73.89 -0.97 0.00	73.97 -0.90 0.00	79.40 -1.21 0.00	80.14 -2.05 0.00	82.56 -3.35 0.00	100.88 -2.91 0.00	105.86 -3.50 0.00	82.22 -3.51 0.00	82.47 -3.26 0.00	82.65 -3.35 0.00	82.47 -3.17 0.00	82.30 -2.55 0.00	82.39 -2.99 0.00	83.09 -3.46 0.00	83.73 -3.76 0.00	108.58 -5.12 0.00	109.83 -5.18 0.00	81.45 -3.48 0.00	82.47 -2.64 0.00	82.30 -1.85 0.00	82.21 -1.94 0.00	82.22 -1.51 0.00
ALCOA_RYNLDS___DRP 24188	79.80 -1.13 0.00	73.89 -0.97 0.00	73.89 -0.97 0.00	73.97 -0.90 0.00	79.40 -1.21 0.00	80.14 -2.05 0.00	82.56 -3.35 0.00	100.88 -2.91 0.00	105.86 -3.50 0.00	82.22 -3.51 0.00	82.47 -3.26 0.00	82.65 -3.35 0.00	82.47 -3.17 0.00	82.30 -2.55 0.00	82.39 -2.99 0.00	83.09 -3.46 0.00	83.73 -3.76 0.00	108.58 -5.12 0.00	109.83 -5.18 0.00	81.45 -3.48 0.00	82.47 -2.64 0.00	82.30 -1.85 0.00	82.21 -1.94 0.00	82.22 -1.51 0.00
ALCOA___DSASP 323711	79.80 -1.13 0.00	73.89 -0.98 0.00	73.89 -0.98 0.00	73.97 -0.90 0.00	79.41 -1.21 0.00	80.15 -2.05 0.00	82.56 -3.35 0.00	100.88 -2.91 0.00	105.97 -3.39 0.00	82.47 -3.26 0.00	82.47 -3.26 0.00	82.65 -3.36 0.00	82.47 -3.17 0.00	82.30 -2.54 0.00	82.39 -2.99 0.00	82.74 -3.81 0.00	83.73 -3.76 0.00	108.58 -5.11 0.00	109.84 -5.17 0.00	82.39 -2.55 0.00	82.47 -2.64 0.00	82.30 -1.85 0.00	82.22 -1.93 0.00	82.22 -1.50 0.00
ALLEGHENY___COGEN 23514	81.77 -0.16 -1.01	75.96 -0.45 -1.55	75.89 -0.15 -1.17	75.35 -0.30 -0.78	80.69 0.08 0.00	84.69 1.07 -1.42	92.43 2.32 -4.20	106.23 -3.84 -6.28	104.44 -5.69 -0.77	82.86 -4.28 -1.41	81.47 -5.06 -0.79	81.92 -5.07 -1.00	81.17 -5.05 -0.58	80.29 -5.26 -0.70	81.48 -4.95 -1.06	85.66 -4.07 -3.18	89.30 -3.15 -4.95	114.73 -4.32 -5.36	114.42 -4.14 -3.55	88.00 -3.65 -6.71	92.30 1.45 -5.75	89.96 1.18 -4.64	89.98 1.01 -4.82	88.58 1.51 -3.35
ALTAMONT_115KV_TB 2 55880	91.09 3.16 -7.01	88.55 2.92 -10.76	85.97 2.92 -8.18	83.22 2.92 -5.44	83.84 3.22 0.00	95.39 3.29 -9.90	118.56 3.44 -29.21	151.42 3.94 -43.69	122.48 4.48 -8.63	99.07 3.51 -9.82	91.01 3.51 -1.77	94.91 3.53 -5.38	91.48 3.51 -2.32	91.37 3.39 -3.14	94.28 3.42 -5.49	112.11 3.46 -22.09	124.09 3.41 -33.19	151.27 4.55 -33.03	148.06 4.60 -28.45	134.41 3.40 -46.08	127.97 3.40 -39.46	119.34 3.37 -31.83	120.68 3.45 -33.08	109.98 3.43 -22.83
ALTONA_WT_PWR 323606	80.12 -0.81 0.00	74.26 -0.60 0.00	74.26 -0.60 0.00	74.26 -0.60 0.00	79.89 -0.73 0.00	80.72 -1.48 0.00	83.42 -2.49 0.00	101.09 -2.70 0.00	105.43 -3.93 0.00	83.33 -2.40 0.00	83.24 -2.49 0.00	83.68 -2.32 0.00	83.33 -2.31 0.00	82.73 -2.12 0.00	83.08 -2.30 0.00	84.04 -2.51 0.00	85.31 -2.18 0.00	110.51 -3.18 0.00	111.91 -3.10 0.00	83.32 -1.62 0.00	83.58 -1.53 0.00	82.97 -1.18 0.00	82.97 -1.18 0.00	83.31 -0.42 0.00
AMERICAN_REF_FUEL 24010	73.32 -8.50 -0.89	68.07 -8.16 -1.36	68.04 -7.86 -1.04	67.54 -8.01 -0.69	72.07 -8.55 0.00	75.40 -8.05 -1.25	81.20 -8.42 -3.70	97.70 -11.62 -5.54	96.79 -13.24 -0.67	76.95 -10.03 -1.25	76.05 -10.38 -0.70	76.47 -10.41 -0.88	75.79 -10.37 -0.51	74.94 -10.52 -0.62	75.98 -10.33 -0.93	79.14 -10.21 -2.80	81.10 -10.76 -4.37	103.41 -14.33 -4.05	103.33 -14.38 -2.70	79.90 -10.96 -5.92	79.54 -10.64 -5.07	77.63 -10.60 -4.09	78.55 -9.85 -4.25	78.06 -8.62 -2.95
ARKWRIGHT___SUMMIT_WT_PWR 323751	74.88 -7.04 -0.99	69.72 -6.66 -1.52	69.65 -6.36 -1.15	69.27 -6.36 -0.77	75.29 -5.32 0.00	78.09 -5.51 -1.40	84.70 -5.33 -4.12	102.38 -7.57 -6.16	102.79 -7.33 -0.75	80.60 -6.52 -1.39	79.39 -7.11 -0.78	78.72 -8.26 -0.98	77.73 -8.48 -0.57	76.88 -8.66 -0.69	78.99 -7.43 -1.04	82.57 -7.10 -3.12	84.83 -7.52 -4.86	108.56 -9.78 -4.65	108.45 -9.66 -3.10	84.05 -7.47 -6.59	83.35 -7.41 -5.64	81.13 -7.57 -4.55	81.64 -7.24 -4.73	80.64 -6.37 -3.29
ARTHUR KILL_GT_1 23520	107.72 7.61 -19.19	107.77 7.19 -25.71	106.99 7.34 -24.78	106.99 7.34 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.50 8.25 -22.34	163.96 10.28 -49.89	146.89 11.48 -26.04	197.67 9.08 -102.86	117.11 9.26 -22.12	122.40 9.29 -27.11	121.48 9.17 -26.67	121.59 9.08 -27.66	121.35 9.22 -26.74	121.14 9.44 -25.16	284.97 9.45 -188.03	313.28 12.39 -187.19	322.41 12.65 -194.75	305.58 8.57 -212.07	286.66 8.59 -192.96	218.15 8.41 -125.59	118.87 8.25 -26.47	119.69 7.87 -28.10
ARTHUR_KILL_2 23512	107.48 7.36 -19.19	107.54 6.96 -25.71	106.77 7.12 -24.78	106.77 7.12 -24.78	106.77 7.66 -18.50	107.65 7.65 -17.80	116.15 7.90 -22.34	163.65 9.96 -49.89	146.57 11.16 -26.04	197.42 8.83 -102.86	116.85 9.00 -22.12	122.14 9.03 -27.11	121.22 8.91 -26.67	121.33 8.82 -27.66	121.08 8.96 -26.74	120.88 9.17 -25.16	284.71 9.18 -188.03	312.82 11.93 -187.19	321.94 12.19 -194.75	305.34 8.33 -212.07	286.41 8.35 -192.96	217.82 8.08 -125.59	118.53 7.91 -26.47	119.44 7.62 -28.10
ARTHUR_KILL_3 23513	106.50 6.39 -19.18	106.50 5.91 -25.72	105.57 5.91 -24.79	105.57 5.91 -24.79	105.57 6.45 -18.51	106.50 6.49 -17.81	115.20 6.96 -22.33	162.81 9.14 -49.88	145.90 10.50 -26.04	125.66 8.41 -31.52	115.25 8.66 -20.87	119.70 8.68 -25.02	118.70 8.65 -24.41	118.70 8.48 -25.37	118.70 8.54 -24.79	119.70 8.65 -24.50	131.79 8.66 -35.64	148.70 11.03 -23.98	133.57 11.15 -7.41	119.70 7.48 -27.29	119.70 7.40 -27.19	119.70 6.98 -28.57	117.51 6.90 -26.46	118.35 6.53 -28.09

ARTHUR_KILL_COGEN 323718	107.72 7.61 -19.19	107.77 7.19 -25.71	106.99 7.34 -24.78	106.99 7.34 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.50 8.25 -22.34	163.96 10.28 -49.89	146.89 11.48 -26.04	197.67 9.08 -102.86	117.11 9.26 -22.12	122.40 9.29 -27.11	121.48 9.17 -26.67	121.59 9.08 -27.66	121.35 9.22 -26.74	121.14 9.44 -25.16	284.97 9.45 -188.03	313.28 12.39 -187.19	322.41 12.65 -194.75	305.58 8.57 -212.07	286.66 8.59 -192.96	218.15 8.41 -125.59	118.87 8.25 -26.47	119.69 7.87 -28.10
ASHOKAN____ 23654	93.39 6.23 -6.23	90.05 5.62 -9.57	87.68 5.54 -7.27	85.31 5.62 -4.83	89.00 8.38 0.00	97.90 6.91 -8.80	119.17 7.30 -25.97	151.96 9.34 -38.82	126.37 10.17 -6.84	101.23 6.77 -8.73	100.40 9.51 -5.16	100.96 8.68 -6.27	98.00 8.65 -3.71	97.79 8.48 -4.46	100.76 8.71 -6.67	112.50 6.31 -19.63	126.17 7.96 -30.72	164.53 15.69 -35.14	149.46 9.77 -24.69	132.36 6.03 -41.39	126.69 6.13 -35.45	118.21 5.47 -28.59	118.74 4.88 -29.72	109.06 4.69 -20.65
ASTORIA_EAST_ENERGY_CC1 323581	93.09 6.80 -5.36	89.39 6.29 -8.24	87.49 6.36 -6.26	85.39 6.36 -4.16	87.47 6.85 -0.01	96.76 6.98 -7.58	116.24 7.99 -22.34	147.10 9.87 -33.44	124.49 11.27 -3.86	102.17 8.92 -7.53	105.59 9.18 -10.68	103.19 9.21 -7.99	100.85 9.17 -6.05	100.66 9.08 -6.73	103.36 9.14 -8.84	112.73 9.27 -16.92	125.25 9.18 -28.57	165.53 11.71 -40.13	146.40 11.85 -19.54	130.04 8.24 -36.87	124.78 8.09 -31.58	117.20 7.58 -25.47	118.20 7.58 -26.47	109.07 6.95 -18.40
ASTORIA_EAST_ENERGY_CC2 323582	93.09 6.80 -5.36	89.46 6.36 -8.24	87.49 6.36 -6.26	85.39 6.36 -4.16	87.55 6.93 -0.01	96.76 6.98 -7.58	116.24 7.99 -22.34	147.10 9.87 -33.44	124.49 11.27 -3.86	102.26 9.00 -7.53	105.59 9.18 -10.68	103.19 9.21 -7.99	100.85 9.17 -6.05	100.66 9.08 -6.73	103.36 9.14 -8.84	112.73 9.27 -16.92	125.33 9.27 -28.57	165.53 11.71 -40.13	146.40 11.85 -19.54	130.04 8.24 -36.87	124.86 8.17 -31.58	117.20 7.58 -25.47	118.28 7.66 -26.47	109.16 7.03 -18.40
ASTORIA_GT2_1 24094	93.09 6.80 -5.36	89.46 6.36 -8.24	87.49 6.36 -6.26	85.39 6.36 -4.16	87.55 6.93 -0.01	96.76 6.99 -7.58	116.24 7.99 -22.34	147.19 9.96 -33.44	124.59 11.37 -3.86	102.34 9.09 -7.53	105.67 9.26 -10.68	103.28 9.29 -7.99	100.85 9.16 -6.05	100.66 9.08 -6.73	103.44 9.22 -8.84	112.73 9.26 -16.92	125.34 9.27 -28.57	165.54 11.71 -40.14	146.40 11.85 -19.55	128.51 8.32 -35.26	123.47 8.17 -30.19	116.16 7.66 -24.36	117.20 7.74 -25.31	109.16 7.03 -18.40
ASTORIA_GT2_2 24095	93.09 6.80 -5.36	89.46 6.36 -8.24	87.49 6.36 -6.26	85.39 6.36 -4.16	87.55 6.93 -0.01	96.76 6.99 -7.58	116.24 7.99 -22.34	147.19 9.96 -33.44	124.59 11.37 -3.86	102.34 9.09 -7.53	105.67 9.26 -10.68	103.28 9.29 -7.99	100.85 9.16 -6.05	100.66 9.08 -6.73	103.44 9.22 -8.84	112.73 9.26 -16.92	125.34 9.27 -28.57	165.54 11.71 -40.14	146.40 11.85 -19.55	128.51 8.32 -35.26	123.47 8.17 -30.19	116.16 7.66 -24.36	117.20 7.74 -25.31	109.16 7.03 -18.40
ASTORIA_GT2_3 24096	93.09 6.80 -5.36	89.46 6.36 -8.24	87.49 6.36 -6.26	85.39 6.36 -4.16	87.55 6.93 -0.01	96.76 6.99 -7.58	116.24 7.99 -22.34	147.19 9.96 -33.44	124.59 11.37 -3.86	102.34 9.09 -7.53	105.67 9.26 -10.68	103.28 9.29 -7.99	100.85 9.16 -6.05	100.66 9.08 -6.73	103.44 9.22 -8.84	112.73 9.26 -16.92	125.34 9.27 -28.57	165.54 11.71 -40.14	146.40 11.85 -19.55	128.51 8.32 -35.26	123.47 8.17 -30.19	116.16 7.66 -24.36	117.20 7.74 -25.31	109.16 7.03 -18.40
ASTORIA_GT2_4 24097	93.09 6.80 -5.36	89.46 6.36 -8.24	87.49 6.36 -6.26	85.39 6.36 -4.16	87.55 6.93 -0.01	96.76 6.99 -7.58	116.24 7.99 -22.34	147.19 9.96 -33.44	124.59 11.37 -3.86	102.34 9.09 -7.53	105.67 9.26 -10.68	103.28 9.29 -7.99	100.85 9.16 -6.05	100.66 9.08 -6.73	103.44 9.22 -8.84	112.73 9.26 -16.92	125.34 9.27 -28.57	165.54 11.71 -40.14	146.40 11.85 -19.55	128.51 8.32 -35.26	123.47 8.17 -30.19	116.16 7.66 -24.36	117.20 7.74 -25.31	109.16 7.03 -18.40
ASTORIA_GT3_1 24098	93.09 6.80 -5.36	89.46 6.36 -8.24	87.49 6.36 -6.26	85.39 6.36 -4.16	87.55 6.93 -0.01	96.76 6.99 -7.58	116.24 7.99 -22.34	147.19 9.96 -33.44	124.59 11.37 -3.86	102.34 9.09 -7.53	105.67 9.26 -10.68	103.28 9.29 -7.99	100.85 9.16 -6.05	100.66 9.08 -6.73	103.44 9.22 -8.84	112.73 9.26 -16.92	125.34 9.27 -28.57	165.54 11.71 -40.14	146.40 11.85 -19.55	128.51 8.32 -35.26	123.47 8.17 -30.19	116.16 7.66 -24.36	117.20 7.74 -25.31	109.16 7.03 -18.40
ASTORIA_GT3_2 24099	93.09 6.80 -5.36	89.46 6.36 -8.24	87.49 6.36 -6.26	85.39 6.36 -4.16	87.55 6.93 -0.01	96.76 6.99 -7.58	116.24 7.99 -22.34	147.19 9.96 -33.44	124.59 11.37 -3.86	102.34 9.09 -7.53	105.67 9.26 -10.68	103.28 9.29 -7.99	100.85 9.16 -6.05	100.66 9.08 -6.73	103.44 9.22 -8.84	112.73 9.26 -16.92	125.34 9.27 -28.57	165.54 11.71 -40.14	146.40 11.85 -19.55	128.51 8.32 -35.26	123.47 8.17 -30.19	116.16 7.66 -24.36	117.20 7.74 -25.31	109.16 7.03 -18.40
ASTORIA_GT3_3 24100	93.09 6.80 -5.36	89.46 6.36 -8.24	87.49 6.36 -6.26	85.39 6.36 -4.16	87.55 6.93 -0.01	96.76 6.99 -7.58	116.24 7.99 -22.34	147.19 9.96 -33.44	124.59 11.37 -3.86	102.34 9.09 -7.53	105.67 9.26 -10.68	103.28 9.29 -7.99	100.85 9.16 -6.05	100.66 9.08 -6.73	103.44 9.22 -8.84	112.73 9.26 -16.92	125.34 9.27 -28.57	165.54 11.71 -40.14	146.40 11.85 -19.55	128.51 8.32 -35.26	123.47 8.17 -30.19	116.16 7.66 -24.36	117.20 7.74 -25.31	109.16 7.03 -18.40
ASTORIA_GT3_4 24101	93.09 6.80 -5.36	89.46 6.36 -8.24	87.49 6.36 -6.26	85.39 6.36 -4.16	87.55 6.93 -0.01	96.76 6.99 -7.58	116.24 7.99 -22.34	147.19 9.96 -33.44	124.59 11.37 -3.86	102.34 9.09 -7.53	105.67 9.26 -10.68	103.28 9.29 -7.99	100.85 9.16 -6.05	100.66 9.08 -6.73	103.44 9.22 -8.84	112.73 9.26 -16.92	125.34 9.27 -28.57	165.54 11.71 -40.14	146.40 11.85 -19.55	128.51 8.32 -35.26	123.47 8.17 -30.19	116.16 7.66 -24.36	117.20 7.74 -25.31	109.16 7.03 -18.40
ASTORIA_GT4_1 24102	93.09 6.80 -5.36	89.46 6.36 -8.24	87.49 6.36 -6.26	85.39 6.36 -4.16	87.55 6.93 -0.01	96.76 6.99 -7.58	116.24 7.99 -22.34	147.19 9.96 -33.44	124.59 11.37 -3.86	102.34 9.09 -7.53	105.67 9.26 -10.68	103.28 9.29 -7.99	100.85 9.16 -6.05	100.66 9.08 -6.73	103.44 9.22 -8.84	112.73 9.26 -16.92	125.34 9.27 -28.57	165.54 11.71 -40.14	146.40 11.85 -19.55	128.51 8.32 -35.26	123.47 8.17 -30.19	116.16 7.66 -24.36	117.20 7.74 -25.31	109.16 7.03 -18.40
ASTORIA_GT4_2 24103	93.09 6.80 -5.36	89.46 6.36 -8.24	87.49 6.36 -6.26	85.39 6.36 -4.16	87.55 6.93 -0.01	96.76 6.99 -7.58	116.24 7.99 -22.34	147.19 9.96 -33.44	124.59 11.37 -3.86	102.34 9.09 -7.53	105.67 9.26 -10.68	103.28 9.29 -7.99	100.85 9.16 -6.05	100.66 9.08 -6.73	103.44 9.22 -8.84	112.73 9.26 -16.92	125.34 9.27 -28.57	165.54 11.71 -40.14	146.40 11.85 -19.55	128.51 8.32 -35.26	123.47 8.17 -30.19	116.16 7.66 -24.36	117.20 7.74 -25.31	109.16 7.03 -18.40
ASTORIA_GT4_3 24104	93.09 6.80 -5.36	89.46 6.36 -8.24	87.49 6.36 -6.26	85.39 6.36 -4.16	87.55 6.93 -0.01	96.76 6.99 -7.58	116.24 7.99 -22.34	147.19 9.96 -33.44	124.59 11.37 -3.86	102.34 9.09 -7.53	105.67 9.26 -10.68	103.28 9.29 -7.99	100.85 9.16 -6.05	100.66 9.08 -6.73	103.44 9.22 -8.84	112.73 9.26 -16.92	125.34 9.27 -28.57	165.54 11.71 -40.14	146.40 11.85 -19.55	128.51 8.32 -35.26	123.47 8.17 -30.19	116.16 7.66 -24.36	117.20 7.74 -25.31	109.16 7.03 -18.40

ASTORIA_GT4_4 24105	93.09 6.80 -5.36	89.46 6.36 -8.24	87.49 6.36 -6.26	85.39 6.36 -4.16	87.55 6.93 -0.01	96.76 6.99 -7.58	116.24 7.99 -22.34	147.19 9.96 -33.44	124.59 11.37 -3.86	102.34 9.09 -7.53	105.67 9.26 -10.68	103.28 9.29 -7.99	100.85 9.16 -6.05	100.66 9.08 -6.73	103.44 9.22 -8.84	112.73 9.26 -16.92	125.34 9.27 -28.57	165.54 11.71 -40.14	146.40 11.85 -19.55	128.51 8.32 -35.26	123.47 8.17 -30.19	116.16 7.66 -24.36	117.20 7.74 -25.31	109.16 7.03 -18.40
ASTORIA_GT_1 23523	93.25 6.96 -5.36	89.54 6.44 -8.24	87.64 6.51 -6.26	85.54 6.51 -4.16	87.63 7.01 -0.01	96.92 7.15 -7.58	116.50 8.25 -22.34	147.29 10.06 -33.44	124.81 11.59 -3.86	102.43 9.18 -7.53	105.84 9.43 -10.68	103.45 9.46 -7.99	101.02 9.34 -6.05	100.83 9.25 -6.73	103.61 9.39 -8.84	112.99 9.52 -16.92	125.52 9.45 -28.57	165.87 12.05 -40.13	146.73 12.19 -19.54	130.30 8.49 -36.87	125.03 8.35 -31.58	117.45 7.83 -25.47	118.45 7.83 -26.47	109.33 7.20 -18.40
ASTORIA_GT_10 24110	94.09 7.28 -5.88	90.47 6.74 -8.87	88.61 6.81 -6.94	86.52 6.74 -4.92	88.63 7.34 -0.68	97.62 7.48 -7.94	116.15 7.90 -22.34	147.40 10.17 -33.44	125.76 11.70 -4.70	116.13 9.34 -21.05	107.45 9.43 -12.29	106.16 9.46 -10.70	104.04 9.42 -8.98	103.80 9.25 -9.70	106.15 9.39 -11.38	113.83 9.43 -17.84	127.20 9.45 -30.26	165.88 12.05 -40.14	146.86 12.31 -19.55	128.68 8.49 -35.26	125.76 8.34 -32.32	116.42 7.91 -24.36	117.37 7.91 -25.31	109.94 7.45 -18.76
ASTORIA_GT_11 24225	94.09 7.28 -5.88	90.47 6.74 -8.87	88.61 6.81 -6.94	86.52 6.74 -4.92	88.63 7.34 -0.68	97.62 7.48 -7.94	116.15 7.90 -22.34	147.40 10.17 -33.44	125.76 11.70 -4.70	116.13 9.34 -21.05	107.45 9.43 -12.29	106.16 9.46 -10.70	104.04 9.42 -8.98	103.80 9.25 -9.70	106.15 9.39 -11.38	113.83 9.43 -17.84	127.20 9.45 -30.26	165.88 12.05 -40.14	146.86 12.31 -19.55	128.68 8.49 -35.26	125.76 8.34 -32.32	116.42 7.91 -24.36	117.37 7.91 -25.31	109.94 7.45 -18.76
ASTORIA_GT_12 24226	94.09 7.28 -5.88	90.47 6.74 -8.87	88.61 6.81 -6.94	86.52 6.74 -4.92	88.63 7.34 -0.68	97.62 7.48 -7.94	116.15 7.90 -22.34	147.40 10.17 -33.44	125.76 11.70 -4.70	116.13 9.34 -21.05	107.45 9.43 -12.29	106.16 9.46 -10.70	104.04 9.42 -8.98	103.80 9.25 -9.70	106.15 9.39 -11.38	113.83 9.43 -17.84	127.20 9.45 -30.26	165.88 12.05 -40.14	146.86 12.31 -19.55	128.68 8.49 -35.26	125.76 8.34 -32.32	116.42 7.91 -24.36	117.37 7.91 -25.31	109.94 7.45 -18.76
ASTORIA_GT_13 24227	94.09 7.28 -5.88	90.47 6.74 -8.87	88.61 6.81 -6.94	86.52 6.74 -4.92	88.63 7.34 -0.68	97.62 7.48 -7.94	116.15 7.90 -22.34	147.40 10.17 -33.44	125.76 11.70 -4.70	116.13 9.34 -21.05	107.45 9.43 -12.29	106.16 9.46 -10.70	104.04 9.42 -8.98	103.80 9.25 -9.70	106.15 9.39 -11.38	113.83 9.43 -17.84	127.20 9.45 -30.26	165.88 12.05 -40.14	146.86 12.31 -19.55	128.68 8.49 -35.26	125.76 8.34 -32.32	116.42 7.91 -24.36	117.37 7.91 -25.31	109.94 7.45 -18.76
ASTORIA_GT_5 24106	93.25 6.96 -5.36	89.54 6.44 -8.24	87.64 6.51 -6.26	85.54 6.51 -4.16	87.63 7.01 -0.01	96.93 7.15 -7.58	116.41 8.16 -22.34	147.40 10.17 -33.44	124.92 11.70 -3.86	102.60 9.34 -7.53	105.84 9.43 -10.68	103.45 9.46 -7.99	101.02 9.33 -6.05	100.83 9.25 -6.73	103.61 9.39 -8.84	112.90 9.43 -16.92	125.51 9.45 -28.57	165.77 11.94 -40.14	146.75 12.19 -19.55	128.68 8.49 -35.26	123.64 8.34 -30.19	116.33 7.83 -24.36	117.29 7.83 -25.31	109.33 7.20 -18.40
ASTORIA_GT_7 24107	93.25 6.96 -5.36	89.54 6.44 -8.24	87.64 6.51 -6.26	85.54 6.51 -4.16	87.63 7.01 -0.01	96.93 7.15 -7.58	116.41 8.16 -22.34	147.40 10.17 -33.44	124.92 11.70 -3.86	102.60 9.34 -7.53	105.84 9.43 -10.68	103.45 9.46 -7.99	101.02 9.33 -6.05	100.83 9.25 -6.73	103.61 9.39 -8.84	112.90 9.43 -16.92	125.51 9.45 -28.57	165.77 11.94 -40.14	146.75 12.19 -19.55	128.68 8.49 -35.26	123.64 8.34 -30.19	116.33 7.83 -24.36	117.29 7.83 -25.31	109.33 7.20 -18.40
ASTORIA_GT_8 24108	93.25 6.96 -5.36	89.54 6.44 -8.24	87.64 6.51 -6.26	85.54 6.51 -4.16	87.63 7.01 -0.01	96.93 7.15 -7.58	116.41 8.16 -22.34	147.40 10.17 -33.44	124.92 11.70 -3.86	102.60 9.34 -7.53	105.84 9.43 -10.68	103.45 9.46 -7.99	101.02 9.33 -6.05	100.83 9.25 -6.73	103.61 9.39 -8.84	112.90 9.43 -16.92	125.51 9.45 -28.57	165.77 11.94 -40.14	146.75 12.19 -19.55	128.68 8.49 -35.26	123.64 8.34 -30.19	116.33 7.83 -24.36	117.29 7.83 -25.31	109.33 7.20 -18.40
ASTORIA___2 24149	93.09 6.80 -5.36	89.46 6.36 -8.24	87.49 6.36 -6.26	85.39 6.36 -4.16	87.55 6.93 -0.01	96.76 6.98 -7.58	116.32 8.07 -22.34	147.10 9.87 -33.44	124.59 11.37 -3.86	102.26 9.00 -7.53	105.67 9.26 -10.68	103.28 9.29 -7.99	100.85 9.17 -6.05	100.66 9.08 -6.73	103.44 9.22 -8.84	112.73 9.27 -16.92	125.33 9.27 -28.57	165.53 11.71 -40.13	146.51 11.96 -19.54	130.04 8.24 -36.87	124.86 8.17 -31.58	117.28 7.66 -25.47	118.28 7.66 -26.47	109.16 7.03 -18.40
ASTORIA___3 23516	94.09 7.29 -5.88	90.48 6.74 -8.87	88.61 6.81 -6.94	86.52 6.74 -4.92	88.63 7.33 -0.68	97.62 7.48 -7.94	116.15 7.90 -22.34	147.41 10.18 -33.44	125.65 11.59 -4.70	115.96 9.18 -21.05	107.45 9.43 -12.29	106.16 9.46 -10.70	104.04 9.42 -8.98	103.80 9.25 -9.70	106.15 9.39 -11.38	113.91 9.52 -17.84	127.20 9.45 -30.26	166.00 12.17 -40.13	146.87 12.31 -19.55	130.22 8.41 -36.87	127.15 8.35 -33.70	117.53 7.91 -25.47	118.45 7.83 -26.47	109.94 7.45 -18.76
ASTORIA___4 23517	94.09 7.28 -5.88	90.47 6.74 -8.87	88.61 6.81 -6.94	86.52 6.74 -4.92	88.63 7.34 -0.68	97.62 7.48 -7.94	116.15 7.90 -22.34	147.40 10.17 -33.44	125.76 11.70 -4.70	116.13 9.34 -21.05	107.45 9.43 -12.29	106.16 9.46 -10.70	104.04 9.42 -8.98	103.80 9.25 -9.70	106.15 9.39 -11.38	113.83 9.43 -17.84	127.20 9.45 -30.26	165.88 12.05 -40.14	146.86 12.31 -19.55	128.68 8.49 -35.26	125.76 8.34 -32.32	116.42 7.91 -24.36	117.37 7.91 -25.31	109.94 7.45 -18.76
ASTORIA___5 23518	94.09 7.29 -5.88	90.48 6.74 -8.87	88.61 6.81 -6.94	86.52 6.74 -4.92	88.63 7.33 -0.68	97.62 7.48 -7.94	116.15 7.90 -22.34	147.41 10.18 -33.44	125.65 11.59 -4.70	115.96 9.18 -21.05	107.45 9.43 -12.29	106.16 9.46 -10.70	104.04 9.42 -8.98	103.80 9.25 -9.70	106.15 9.39 -11.38	113.91 9.52 -17.84	127.20 9.45 -30.26	166.00 12.17 -40.13	146.87 12.31 -19.55	130.22 8.41 -36.87	127.15 8.35 -33.70	117.53 7.91 -25.47	118.45 7.83 -26.47	109.94 7.45 -18.76
AST_ENERGY_2_CC3 323677	93.08 6.80 -5.36	89.45 6.36 -8.23	87.56 6.44 -6.25	85.46 6.44 -4.15	87.55 6.93 0.00	96.75 6.98 -7.57	115.63 7.39 -22.33	146.87 9.65 -33.43	124.27 11.04 -3.87	102.08 8.83 -7.52	105.40 9.00 -10.67	103.02 9.03 -7.99	100.68 8.99 -6.05	100.41 8.82 -6.74	103.19 8.96 -8.85	112.46 9.00 -16.91	124.98 8.93 -28.56	165.18 11.37 -40.12	146.04 11.50 -19.53	129.61 7.81 -36.86	124.42 7.74 -31.57	116.93 7.32 -25.46	117.85 7.24 -26.46	108.98 6.87 -18.39
AST_ENERGY_2_CC4 323678	93.08 6.80 -5.36	89.45 6.36 -8.23	87.56 6.44 -6.25	85.46 6.44 -4.15	87.55 6.93 0.00	96.75 6.98 -7.57	115.63 7.39 -22.33	146.87 9.65 -33.43	124.27 11.04 -3.87	102.08 8.83 -7.52	105.40 9.00 -10.67	103.02 9.03 -7.99	100.68 8.99 -6.05	100.41 8.82 -6.74	103.19 8.96 -8.85	112.46 9.00 -16.91	124.98 8.93 -28.56	165.18 11.37 -40.12	146.04 11.50 -19.53	129.61 7.81 -36.86	124.42 7.74 -31.57	116.93 7.32 -25.46	117.85 7.24 -26.46	108.98 6.87 -18.39

ATHENS_STG_1 23668	91.05 3.88 -6.23	88.03 3.59 -9.58	85.74 3.59 -7.28	83.29 3.59 -4.84	84.56 3.95 0.00	95.12 4.11 -8.81	116.20 4.29 -25.99	147.85 5.19 -38.88	119.21 5.90 -3.95	99.10 4.63 -8.74	105.69 4.71 -15.25	101.29 4.81 -10.48	98.69 4.71 -8.34	98.67 4.66 -9.16	101.77 4.69 -11.70	111.06 4.84 -19.66	126.48 4.81 -34.18	171.04 6.14 -51.21	143.54 6.21 -22.33	130.71 4.33 -41.45	124.94 4.34 -35.50	116.99 4.21 -28.63	118.11 4.21 -29.76	108.42 4.02 -20.68
ATHENS_STG_2 23670	91.05 3.88 -6.23	88.03 3.59 -9.58	85.74 3.59 -7.28	83.29 3.59 -4.84	84.56 3.95 0.00	95.12 4.11 -8.81	116.20 4.29 -25.99	147.85 5.19 -38.88	119.21 5.90 -3.95	99.10 4.63 -8.74	105.69 4.71 -15.25	101.29 4.81 -10.48	98.69 4.71 -8.34	98.67 4.66 -9.16	101.77 4.69 -11.70	111.06 4.84 -19.66	126.48 4.81 -34.18	171.04 6.14 -51.21	143.54 6.21 -22.33	130.71 4.33 -41.45	124.94 4.34 -35.50	116.99 4.21 -28.63	118.11 4.21 -29.76	108.42 4.02 -20.68
ATHENS_STG_3 23677	91.05 3.88 -6.23	88.03 3.59 -9.58	85.74 3.59 -7.28	83.29 3.59 -4.84	84.56 3.95 0.00	95.12 4.11 -8.81	116.20 4.29 -25.99	147.85 5.19 -38.88	119.21 5.90 -3.95	99.10 4.63 -8.74	105.69 4.71 -15.25	101.29 4.81 -10.48	98.69 4.71 -8.34	98.67 4.66 -9.16	101.77 4.69 -11.70	111.06 4.84 -19.66	126.48 4.81 -34.18	171.04 6.14 -51.21	143.54 6.21 -22.33	130.71 4.33 -41.45	124.94 4.34 -35.50	116.99 4.21 -28.63	118.11 4.21 -29.76	108.42 4.02 -20.68
AUBURN__LFGE 323710	82.04 0.32 -0.78	76.22 0.15 -1.20	76.00 0.22 -0.91	75.62 0.15 -0.61	81.02 0.40 0.00	84.21 0.90 -1.11	90.72 1.55 -3.27	110.54 1.87 -4.88	111.70 1.75 -0.59	88.11 1.29 -1.10	87.37 1.03 -0.61	87.81 1.03 -0.77	87.12 1.03 -0.45	86.24 0.85 -0.55	87.22 1.02 -0.82	90.15 1.13 -2.47	92.49 1.14 -3.86	119.88 1.82 -4.37	119.84 1.96 -2.88	91.54 1.44 -5.16	90.55 1.02 -4.42	88.64 0.93 -3.56	88.61 0.76 -3.70	87.17 0.84 -2.61
BABYLON_RES_REC 323704	105.75 9.06 -15.76	99.33 8.38 -16.08	92.71 8.46 -9.39	92.14 8.38 -8.90	93.98 9.11 -4.26	104.37 9.37 -12.80	132.87 10.22 -36.74	156.71 12.87 -40.06	133.62 14.32 -9.93	113.14 10.89 -16.52	121.63 10.89 -25.01	118.13 10.84 -21.30	111.93 10.79 -15.50	111.68 10.60 -16.23	116.94 10.84 -20.72	134.85 11.42 -36.88	155.88 11.64 -56.76	186.58 15.12 -57.77	183.58 15.30 -53.27	166.17 10.53 -70.71	155.76 10.38 -60.28	144.73 9.84 -50.74	132.40 10.01 -38.25	123.81 9.37 -30.71
BABYLON__69_KV_BK2 356345	106.73 10.04 -15.76	100.33 9.28 -16.19	93.54 9.28 -9.39	93.08 9.28 -8.93	95.06 10.16 -4.29	105.43 10.36 -12.87	134.38 11.51 -36.96	158.39 14.53 -40.07	134.71 15.42 -9.93	114.17 11.92 -16.52	122.57 11.83 -25.01	119.17 11.87 -21.30	112.87 11.73 -15.50	112.61 11.54 -16.23	117.88 11.78 -20.72	136.07 12.46 -37.06	157.55 12.86 -57.20	188.77 17.05 -58.02	186.10 17.25 -53.84	166.57 12.06 -69.57	156.24 11.74 -59.38	145.19 11.02 -50.02	132.18 10.94 -37.10	125.05 10.47 -30.87
BALL_HILL_WT_PWR 323825	75.17 -6.72 -0.95	69.96 -6.36 -1.46	69.84 -6.14 -1.11	69.32 -6.29 -0.74	75.21 -5.40 0.00	77.79 -5.76 -1.35	84.13 -5.76 -3.97	101.42 -8.31 -5.94	101.77 -8.32 -0.72	79.87 -7.20 -1.34	78.85 -7.63 -0.75	78.95 -8.00 -0.94	78.14 -8.05 -0.55	77.28 -8.23 -0.66	78.61 -7.77 -1.00	82.11 -7.44 -3.01	84.30 -7.87 -4.69	107.76 -10.35 -4.41	107.60 -10.35 -2.94	83.30 -7.99 -6.35	82.72 -7.83 -5.44	80.62 -7.91 -4.39	81.39 -7.32 -4.56	80.70 -6.19 -3.17
BARON_WINDS__WT_PWR 323822	79.06 -3.16 -1.29	73.71 -3.14 -1.98	73.53 -2.84 -1.51	72.87 -3.00 -1.00	78.60 -2.01 0.00	81.81 -2.22 -1.82	89.48 -1.81 -5.38	108.62 -3.22 -8.05	107.42 -2.95 -1.00	84.19 -3.34 -1.81	83.07 -3.68 -1.02	83.50 -3.78 -1.28	82.62 -3.77 -0.75	81.85 -3.90 -0.90	83.07 -3.67 -1.36	87.33 -3.29 -4.07	90.78 -3.06 -6.35	116.55 -3.87 -6.72	115.56 -3.91 -4.46	90.31 -3.23 -8.60	89.42 -3.06 -7.37	86.98 -3.11 -5.94	87.38 -2.95 -6.18	85.76 -2.26 -4.29
BARRETT_IC_1 23704	219.79 8.26 -130.60	130.40 7.41 -48.12	124.60 7.49 -42.25	124.60 7.41 -42.32	124.60 8.06 -35.93	124.60 8.22 -34.18	183.32 9.02 -88.39	218.27 11.31 -103.16	198.95 12.68 -76.91	211.59 9.94 -115.92	278.69 9.77 -183.19	263.88 9.80 -168.08	215.08 9.76 -119.68	215.48 9.67 -120.96	246.83 9.73 -151.72	267.37 10.21 -170.61	247.57 10.23 -149.85	257.59 13.07 -130.83	277.54 13.22 -149.32	304.92 9.00 -210.99	231.40 9.02 -137.28	231.40 8.67 -138.58	254.94 8.92 -161.88	182.05 8.37 -89.95
BARRETT_IC_10 23701	136.76 8.26 -47.57	130.40 7.41 -48.12	124.60 7.49 -42.25	124.60 7.41 -42.32	124.60 8.06 -35.93	124.60 8.22 -34.18	146.73 9.02 -51.80	172.70 11.31 -57.60	150.52 12.68 -28.48	139.72 9.94 -44.05	164.32 9.77 -68.82	157.75 9.80 -61.95	139.75 9.76 -44.35	139.75 9.67 -45.24	152.11 9.73 -57.00	171.29 10.21 -74.53	181.80 10.23 -84.08	205.62 13.07 -78.86	210.06 13.22 -81.83	205.15 9.00 -111.21	177.43 9.02 -83.30	169.24 8.67 -76.42	165.59 8.92 -72.53	139.75 8.37 -47.66
BARRETT_IC_11 23702	136.76 8.26 -47.57	130.40 7.41 -48.12	124.60 7.49 -42.25	124.60 7.41 -42.32	124.60 8.06 -35.93	124.60 8.22 -34.18	146.73 9.02 -51.80	172.70 11.31 -57.60	150.52 12.68 -28.48	139.72 9.94 -44.05	164.32 9.77 -68.82	157.75 9.80 -61.95	139.75 9.76 -44.35	139.75 9.67 -45.24	152.11 9.73 -57.00	171.29 10.21 -74.53	181.80 10.23 -84.08	205.62 13.07 -78.86	210.06 13.22 -81.83	205.15 9.00 -111.21	177.43 9.02 -83.30	169.24 8.67 -76.42	165.59 8.92 -72.53	139.75 8.37 -47.66
BARRETT_IC_12 23703	136.76 8.26 -47.57	130.40 7.41 -48.12	124.60 7.49 -42.25	124.60 7.41 -42.32	124.60 8.06 -35.93	124.60 8.22 -34.18	146.73 9.02 -51.80	172.70 11.31 -57.60	150.52 12.68 -28.48	139.72 9.94 -44.05	164.32 9.77 -68.82	157.75 9.80 -61.95	139.75 9.76 -44.35	139.75 9.67 -45.24	152.11 9.73 -57.00	171.29 10.21 -74.53	181.80 10.23 -84.08	205.62 13.07 -78.86	210.06 13.22 -81.83	205.15 9.00 -111.21	177.43 9.02 -83.30	169.24 8.67 -76.42	165.59 8.92 -72.53	139.75 8.37 -47.66
BARRETT_IC_2 23705	219.79 8.26 -130.60	130.40 7.41 -48.12	124.60 7.49 -42.25	124.60 7.41 -42.32	124.60 8.06 -35.93	124.60 8.22 -34.18	183.32 9.02 -88.39	218.27 11.31 -103.16	198.95 12.68 -76.91	211.59 9.94 -115.92	278.69 9.77 -183.19	263.88 9.80 -168.08	215.08 9.76 -119.68	215.48 9.67 -120.96	246.83 9.73 -151.72	267.37 10.21 -170.61	247.57 10.23 -149.85	257.59 13.07 -130.83	277.54 13.22 -149.32	304.92 9.00 -210.99	231.40 9.02 -137.28	231.40 8.67 -138.58	254.94 8.92 -161.88	182.05 8.37 -89.95
BARRETT_IC_3 23706	219.79 8.26 -130.60	130.40 7.41 -48.12	124.60 7.49 -42.25	124.60 7.41 -42.32	124.60 8.06 -35.93	124.60 8.22 -34.18	183.32 9.02 -88.39	218.27 11.31 -103.16	198.95 12.68 -76.91	211.59 9.94 -115.92	278.69 9.77 -183.19	263.88 9.80 -168.08	215.08 9.76 -119.68	215.48 9.67 -120.96	246.83 9.73 -151.72	267.37 10.21 -170.61	247.57 10.23 -149.85	257.59 13.07 -130.83	277.54 13.22 -149.32	304.92 9.00 -210.99	231.40 9.02 -137.28	231.40 8.67 -138.58	254.94 8.92 -161.88	182.05 8.37 -89.95
BARRETT_IC_4 23707	219.79 8.26 -130.60	130.40 7.41 -48.12	124.60 7.49 -42.25	124.60 7.41 -42.32	124.60 8.06 -35.93	124.60 8.22 -34.18	183.32 9.02 -88.39	218.27 11.31 -103.16	198.95 12.68 -76.91	211.59 9.94 -115.92	278.69 9.77 -183.19	263.88 9.80 -168.08	215.08 9.76 -119.68	215.48 9.67 -120.96	246.83 9.73 -151.72	267.37 10.21 -170.61	247.57 10.23 -149.85	257.59 13.07 -130.83	277.54 13.22 -149.32	304.92 9.00 -210.99	231.40 9.02 -137.28	231.40 8.67 -138.58	254.94 8.92 -161.88	182.05 8.37 -89.95

BARRETT_IC_5 23708	219.79 8.26 -130.60	130.40 7.41 -48.12	124.60 7.49 -42.25	124.60 7.41 -42.32	124.60 8.06 -35.93	124.60 8.22 -34.18	183.32 9.02 -88.39	218.27 11.31 -103.16	198.95 12.68 -76.91	211.59 9.94 -115.92	278.69 9.77 -183.19	263.88 9.80 -168.08	215.08 9.76 -119.68	215.48 9.67 -120.96	246.83 9.73 -151.72	267.37 10.21 -170.61	247.57 10.23 -149.85	257.59 13.07 -130.83	277.54 13.22 -149.32	304.92 9.00 -210.99	231.40 9.02 -137.28	231.40 8.67 -138.58	254.94 8.92 -161.88	182.05 8.37 -89.95
BARRETT_IC_6 23709	219.79 8.26 -130.60	130.40 7.41 -48.12	124.60 7.49 -42.25	124.60 7.41 -42.32	124.60 8.06 -35.93	124.60 8.22 -34.18	183.32 9.02 -88.39	218.27 11.31 -103.16	198.95 12.68 -76.91	211.59 9.94 -115.92	278.69 9.77 -183.19	263.88 9.80 -168.08	215.08 9.76 -119.68	215.48 9.67 -120.96	246.83 9.73 -151.72	267.37 10.21 -170.61	247.57 10.23 -149.85	257.59 13.07 -130.83	277.54 13.22 -149.32	304.92 9.00 -210.99	231.40 9.02 -137.28	231.40 8.67 -138.58	254.94 8.92 -161.88	182.05 8.37 -89.95
BARRETT_IC_7 23710	219.78 8.25 -130.59	130.40 7.41 -48.12	124.60 7.49 -42.25	124.60 7.41 -42.32	124.60 8.06 -35.93	124.60 8.22 -34.18	183.41 9.11 -88.39	218.47 11.52 -103.16	198.74 12.47 -76.91	211.68 10.03 -115.92	278.69 9.77 -183.19	263.88 9.80 -168.08	215.09 9.76 -119.68	215.48 9.67 -120.96	246.84 9.73 -151.72	267.29 10.13 -170.61	247.57 10.24 -149.85	257.60 13.07 -130.83	277.55 13.23 -149.32	303.48 9.17 -209.37	230.02 9.02 -135.89	230.28 8.67 -137.47	253.62 8.75 -160.72	182.05 8.37 -89.95
BARRETT_IC_8 23711	219.79 8.26 -130.60	130.40 7.41 -48.12	124.60 7.49 -42.25	124.60 7.41 -42.32	124.60 8.06 -35.93	124.60 8.22 -34.18	183.32 9.02 -88.39	218.27 11.31 -103.16	198.95 12.68 -76.91	211.59 9.94 -115.92	278.69 9.77 -183.19	263.88 9.80 -168.08	215.08 9.76 -119.68	215.48 9.67 -120.96	246.83 9.73 -151.72	267.37 10.21 -170.61	247.57 10.23 -149.85	257.59 13.07 -130.83	277.54 13.22 -149.32	304.92 9.00 -210.99	231.40 9.02 -137.28	231.40 8.67 -138.58	254.94 8.92 -161.88	182.05 8.37 -89.95
BARRETT_IC_9 23700	136.76 8.26 -47.57	130.40 7.41 -48.12	124.60 7.49 -42.25	124.60 7.41 -42.32	124.60 8.06 -35.93	124.60 8.22 -34.18	146.73 9.02 -51.80	172.70 11.31 -57.60	150.52 12.68 -28.48	139.72 9.94 -44.05	164.32 9.77 -68.82	157.75 9.80 -61.95	139.75 9.76 -44.35	139.75 9.67 -45.24	152.11 9.73 -57.00	171.29 10.21 -74.53	181.80 10.23 -84.08	205.62 13.07 -78.86	210.06 13.22 -81.83	205.15 9.00 -111.21	177.43 9.02 -83.30	169.24 8.67 -76.42	165.59 8.92 -72.53	139.75 8.37 -47.66
BARRETT___1 23545	219.79 8.26 -130.60	130.40 7.41 -48.12	124.60 7.49 -42.25	124.60 7.41 -42.32	124.60 8.06 -35.93	124.60 8.22 -34.18	183.32 9.02 -88.39	218.27 11.31 -103.16	198.95 12.68 -76.91	211.59 9.94 -115.92	278.69 9.77 -183.19	263.88 9.80 -168.08	215.08 9.76 -119.68	215.48 9.67 -120.96	246.83 9.73 -151.72	267.37 10.21 -170.61	247.57 10.23 -149.85	257.59 13.07 -130.83	277.54 13.22 -149.32	304.92 9.00 -210.99	231.40 9.02 -137.28	231.40 8.67 -138.58	254.94 8.92 -161.88	182.05 8.37 -89.95
BARRETT___2 23546	136.76 8.26 -47.57	130.40 7.41 -48.12	124.60 7.49 -42.25	124.60 7.41 -42.32	124.60 8.06 -35.93	124.60 8.22 -34.18	146.73 9.02 -51.80	172.70 11.31 -57.60	150.52 12.68 -28.48	139.72 9.94 -44.05	164.32 9.77 -68.82	157.75 9.80 -61.95	139.75 9.76 -44.35	139.75 9.67 -45.24	152.11 9.73 -57.00	171.29 10.21 -74.53	181.80 10.23 -84.08	205.62 13.07 -78.86	210.06 13.22 -81.83	205.15 9.00 -111.21	177.43 9.02 -83.30	169.24 8.67 -76.42	165.59 8.92 -72.53	139.75 8.37 -47.66
BATAVIA__115KV_TB1 55881	76.98 -4.77 -0.82	71.41 -4.72 -1.26	71.41 -4.42 -0.96	70.94 -4.57 -0.64	75.86 -4.76 0.00	79.50 -3.86 -1.16	85.82 -3.52 -3.43	103.72 -5.19 -5.12	103.19 -6.78 -0.61	82.00 -4.89 -1.15	80.80 -5.57 -0.65	81.22 -5.59 -0.81	80.55 -5.57 -0.47	79.56 -5.85 -0.57	80.61 -5.63 -0.86	83.61 -5.54 -2.60	86.20 -5.34 -4.05	110.69 -7.05 -4.05	110.67 -7.02 -2.68	85.50 -4.84 -5.41	84.29 -5.45 -4.63	82.25 -5.64 -3.74	82.73 -5.30 -3.88	82.19 -4.27 -2.74
BAYONEEC___CTG1 323682	93.08 6.80 -5.36	89.38 6.29 -8.23	87.41 6.29 -6.25	85.31 6.29 -4.15	87.46 6.85 0.00	96.67 6.91 -7.57	115.63 7.39 -22.33	146.87 9.65 -33.43	124.27 11.04 -3.87	102.08 8.83 -7.52	105.40 9.00 -10.67	103.02 9.03 -7.99	100.68 8.99 -6.05	100.49 8.91 -6.74	103.19 8.96 -8.85	112.54 9.09 -16.91	125.15 9.10 -28.56	165.43 11.60 -40.13	146.29 11.74 -19.55	129.70 7.90 -36.86	124.59 7.92 -31.57	117.02 7.41 -25.46	117.93 7.32 -26.46	109.06 6.95 -18.39
BAYONEEC___CTG10 323750	93.08 6.80 -5.36	89.38 6.29 -8.23	87.41 6.29 -6.25	85.31 6.29 -4.15	87.46 6.85 0.00	96.67 6.91 -7.57	115.63 7.39 -22.33	146.87 9.65 -33.43	124.27 11.04 -3.87	102.08 8.83 -7.52	105.40 9.00 -10.67	103.02 9.03 -7.99	100.68 8.99 -6.05	100.49 8.91 -6.74	103.19 8.96 -8.85	112.54 9.09 -16.91	125.15 9.10 -28.56	165.43 11.60 -40.13	146.29 11.74 -19.55	129.70 7.90 -36.86	124.59 7.92 -31.57	117.02 7.41 -25.46	117.93 7.32 -26.46	109.06 6.95 -18.39
BAYONEEC___CTG2 323683	93.08 6.80 -5.36	89.38 6.29 -8.23	87.41 6.29 -6.25	85.31 6.29 -4.15	87.46 6.85 0.00	96.67 6.91 -7.57	115.63 7.39 -22.33	146.87 9.65 -33.43	124.27 11.04 -3.87	102.08 8.83 -7.52	105.40 9.00 -10.67	103.02 9.03 -7.99	100.68 8.99 -6.05	100.49 8.91 -6.74	103.19 8.96 -8.85	112.54 9.09 -16.91	125.15 9.10 -28.56	165.43 11.60 -40.13	146.29 11.74 -19.55	129.70 7.90 -36.86	124.59 7.92 -31.57	117.02 7.41 -25.46	117.93 7.32 -26.46	109.06 6.95 -18.39
BAYONEEC___CTG3 323684	93.08 6.80 -5.36	89.38 6.29 -8.23	87.41 6.29 -6.25	85.31 6.29 -4.15	87.46 6.85 0.00	96.67 6.91 -7.57	115.63 7.39 -22.33	146.87 9.65 -33.43	124.27 11.04 -3.87	102.08 8.83 -7.52	105.40 9.00 -10.67	103.02 9.03 -7.99	100.68 8.99 -6.05	100.49 8.91 -6.74	103.19 8.96 -8.85	112.54 9.09 -16.91	125.15 9.10 -28.56	165.43 11.60 -40.13	146.29 11.74 -19.55	129.70 7.90 -36.86	124.59 7.92 -31.57	117.02 7.41 -25.46	117.93 7.32 -26.46	109.06 6.95 -18.39
BAYONEEC___CTG4 323685	93.08 6.80 -5.36	89.38 6.29 -8.23	87.41 6.29 -6.25	85.31 6.29 -4.15	87.46 6.85 0.00	96.67 6.91 -7.57	115.63 7.39 -22.33	146.87 9.65 -33.43	124.27 11.04 -3.87	102.08 8.83 -7.52	105.40 9.00 -10.67	103.02 9.03 -7.99	100.68 8.99 -6.05	100.49 8.91 -6.74	103.19 8.96 -8.85	112.54 9.09 -16.91	125.15 9.10 -28.56	165.43 11.60 -40.13	146.29 11.74 -19.55	129.70 7.90 -36.86	124.59 7.92 -31.57	117.02 7.41 -25.46	117.93 7.32 -26.46	109.06 6.95 -18.39
BAYONEEC___CTG5 323686	93.08 6.80 -5.36	89.38 6.29 -8.23	87.41 6.29 -6.25	85.31 6.29 -4.15	87.46 6.85 0.00	96.67 6.91 -7.57	115.63 7.39 -22.33	146.87 9.65 -33.43	124.27 11.04 -3.87	102.08 8.83 -7.52	105.40 9.00 -10.67	103.02 9.03 -7.99	100.68 8.99 -6.05	100.49 8.91 -6.74	103.19 8.96 -8.85	112.54 9.09 -16.91	125.15 9.10 -28.56	165.43 11.60 -40.13	146.29 11.74 -19.55	129.70 7.90 -36.86	124.59 7.92 -31.57	117.02 7.41 -25.46	117.93 7.32 -26.46	109.06 6.95 -18.39
BAYONEEC___CTG6 323687	93.08 6.80 -5.36	89.38 6.29 -8.23	87.41 6.29 -6.25	85.31 6.29 -4.15	87.46 6.85 0.00	96.67 6.91 -7.57	115.63 7.39 -22.33	146.87 9.65 -33.43	124.27 11.04 -3.87	102.08 8.83 -7.52	105.40 9.00 -10.67	103.02 9.03 -7.99	100.68 8.99 -6.05	100.49 8.91 -6.74	103.19 8.96 -8.85	112.54 9.09 -16.91	125.15 9.10 -28.56	165.43 11.60 -40.13	146.29 11.74 -19.55	129.70 7.90 -36.86	124.59 7.92 -31.57	117.02 7.41 -25.46	117.93 7.32 -26.46	109.06 6.95 -18.39

BAYONEEC___CTG7 323688	93.08 6.80 -5.36	89.38 6.29 -8.23	87.41 6.29 -6.25	85.31 6.29 -4.15	87.46 6.85 0.00	96.67 6.91 -7.57	115.63 7.39 -22.33	146.87 9.65 -33.43	124.27 11.04 -3.87	102.08 8.83 -7.52	105.40 9.00 -10.67	103.02 9.03 -7.99	100.68 8.99 -6.05	100.49 8.91 -6.74	103.19 8.96 -8.85	112.54 9.09 -16.91	125.15 9.10 -28.56	165.43 11.60 -40.13	146.29 11.74 -19.55	129.70 7.90 -36.86	124.59 7.92 -31.57	117.02 7.41 -25.46	117.93 7.32 -26.46	109.06 6.95 -18.39
BAYONEEC___CTG8 323689	93.08 6.80 -5.36	89.38 6.29 -8.23	87.41 6.29 -6.25	85.31 6.29 -4.15	87.46 6.85 0.00	96.67 6.91 -7.57	115.63 7.39 -22.33	146.87 9.65 -33.43	124.27 11.04 -3.87	102.08 8.83 -7.52	105.40 9.00 -10.67	103.02 9.03 -7.99	100.68 8.99 -6.05	100.49 8.91 -6.74	103.19 8.96 -8.85	112.54 9.09 -16.91	125.15 9.10 -28.56	165.43 11.60 -40.13	146.29 11.74 -19.55	129.70 7.90 -36.86	124.59 7.92 -31.57	117.02 7.41 -25.46	117.93 7.32 -26.46	109.06 6.95 -18.39
BAYONEEC___CTG9 323749	93.08 6.80 -5.36	89.38 6.29 -8.23	87.41 6.29 -6.25	85.31 6.29 -4.15	87.46 6.85 0.00	96.67 6.91 -7.57	115.63 7.39 -22.33	146.87 9.65 -33.43	124.27 11.04 -3.87	102.08 8.83 -7.52	105.40 9.00 -10.67	103.02 9.03 -7.99	100.68 8.99 -6.05	100.49 8.91 -6.74	103.19 8.96 -8.85	112.54 9.09 -16.91	125.15 9.10 -28.56	165.43 11.60 -40.13	146.29 11.74 -19.55	129.70 7.90 -36.86	124.59 7.92 -31.57	117.02 7.41 -25.46	117.93 7.32 -26.46	109.06 6.95 -18.39
BEACON___LESR 323632	92.31 4.37 -7.01	89.52 3.89 -10.77	87.02 3.97 -8.19	84.27 3.97 -5.44	85.04 4.43 0.00	96.62 4.52 -9.91	119.78 4.64 -29.23	152.69 5.19 -43.71	125.42 6.01 -10.05	100.44 4.88 -9.83	92.50 4.71 -2.06	96.15 4.64 -5.51	92.64 4.54 -2.46	92.61 4.49 -3.28	95.20 4.18 -5.64	112.72 4.07 -22.11	124.83 4.03 -33.31	153.30 5.91 -33.70	150.58 5.75 -29.82	134.84 4.16 -45.74	128.53 4.25 -39.17	120.03 4.29 -31.60	121.69 4.71 -32.84	111.32 4.77 -22.82
BEAVER RIVER___HYD 24048	80.33 -0.81 -0.21	74.67 -0.52 -0.32	74.36 -0.75 -0.25	74.13 -0.90 -0.16	79.81 -0.81 0.00	82.17 -0.33 -0.30	86.36 -0.43 -0.88	105.68 0.73 -1.16	110.23 0.87 0.00	85.74 -0.26 -0.26	85.89 0.09 -0.07	86.15 0.00 -0.15	85.46 -0.26 -0.07	85.20 0.26 -0.10	85.71 0.17 -0.16	87.49 0.35 -0.59	88.56 0.18 -0.89	115.07 0.46 -0.92	115.93 0.35 -0.58	86.94 0.76 -1.24	86.77 0.60 -1.06	85.76 0.76 -0.86	85.46 0.42 -0.89	84.76 0.42 -0.62
BEEBEE_GT_13 23619	78.48 -3.16 -0.71	72.88 -3.07 -1.09	72.77 -2.92 -0.83	72.42 -2.99 -0.55	76.90 -3.71 0.00	80.73 -2.47 -1.00	86.80 -2.06 -2.95	104.99 -3.22 -4.41	104.96 -4.92 -0.52	83.72 -3.00 -0.99	82.85 -3.43 -0.55	83.35 -3.35 -0.70	82.71 -3.34 -0.41	81.69 -3.65 -0.49	82.62 -3.50 -0.74	85.41 -3.38 -2.24	87.74 -3.24 -3.49	113.41 -4.32 -4.04	113.40 -4.26 -2.65	86.71 -2.89 -4.66	85.78 -3.32 -3.99	83.84 -3.53 -3.22	84.13 -3.37 -3.35	83.32 -2.76 -2.36
BENSHRST_27_KV_BENSHRST_1 355998	108.21 8.09 -19.19	108.07 7.49 -25.71	107.21 7.56 -24.78	107.14 7.49 -24.78	107.25 8.14 -18.50	108.30 8.30 -17.80	117.10 8.85 -22.34	164.99 11.31 -49.89	148.31 12.90 -26.04	198.79 10.20 -102.85	118.14 10.29 -22.12	123.43 10.32 -27.11	122.50 10.19 -26.67	122.60 10.10 -27.66	122.37 10.25 -26.74	122.09 10.39 -25.16	286.11 10.59 -188.03	314.30 13.42 -187.19	323.44 13.69 -194.75	304.99 9.60 -210.46	286.13 9.45 -191.57	217.62 9.00 -124.47	118.30 8.84 -25.31	120.28 8.46 -28.10
BETHLEHEM___GRP 23843	91.02 3.08 -7.02	88.49 2.84 -10.78	85.90 2.84 -8.19	83.15 2.84 -5.44	83.76 3.14 0.00	95.32 3.21 -9.91	118.17 3.01 -29.26	150.65 3.11 -43.75	123.32 3.94 -10.02	98.83 3.26 -9.84	91.10 3.34 -2.02	94.85 3.35 -5.49	91.43 3.34 -2.45	91.33 3.22 -3.26	93.82 2.82 -5.62	111.36 2.68 -22.13	123.09 2.27 -33.33	150.36 3.18 -33.49	147.82 3.11 -29.71	133.39 2.29 -46.17	127.03 2.38 -39.54	118.56 2.52 -31.89	120.40 3.11 -33.14	109.92 3.35 -22.84
BETHLEHEM___GS1 323560	91.02 3.07 -7.02	88.49 2.84 -10.78	85.90 2.84 -8.19	83.15 2.84 -5.44	83.75 3.14 0.00	95.32 3.20 -9.91	118.17 3.01 -29.26	150.65 3.11 -43.75	123.31 3.93 -10.02	98.91 3.34 -9.84	91.09 3.34 -2.02	94.84 3.35 -5.49	91.42 3.34 -2.45	91.33 3.22 -3.26	93.81 2.81 -5.62	111.36 2.69 -22.13	123.09 2.27 -33.33	150.49 3.18 -33.62	147.82 3.11 -29.71	132.92 2.20 -45.78	126.69 2.38 -39.21	118.30 2.52 -31.63	120.13 3.12 -32.87	109.92 3.35 -22.84
BETHLEHEM___GS2 323561	91.02 3.07 -7.02	88.49 2.84 -10.78	85.90 2.84 -8.19	83.15 2.84 -5.44	83.75 3.14 0.00	95.32 3.20 -9.91	118.17 3.01 -29.26	150.65 3.11 -43.75	123.31 3.93 -10.02	98.91 3.34 -9.84	91.09 3.34 -2.02	94.84 3.35 -5.49	91.42 3.34 -2.45	91.33 3.22 -3.26	93.81 2.81 -5.62	111.36 2.69 -22.13	123.09 2.27 -33.33	150.49 3.18 -33.62	147.82 3.11 -29.71	132.92 2.20 -45.78	126.69 2.38 -39.21	118.30 2.52 -31.63	120.13 3.12 -32.87	109.92 3.35 -22.84
BETHLEHEM___GS3 323562	91.02 3.07 -7.02	88.49 2.84 -10.78	85.90 2.84 -8.19	83.15 2.84 -5.44	83.75 3.14 0.00	95.32 3.20 -9.91	118.17 3.01 -29.26	150.65 3.11 -43.75	123.31 3.93 -10.02	98.91 3.34 -9.84	91.09 3.34 -2.02	94.84 3.35 -5.49	91.42 3.34 -2.45	91.33 3.22 -3.26	93.81 2.81 -5.62	111.36 2.69 -22.13	123.09 2.27 -33.33	150.49 3.18 -33.62	147.82 3.11 -29.71	132.92 2.20 -45.78	126.69 2.38 -39.21	118.30 2.52 -31.63	120.13 3.12 -32.87	109.92 3.35 -22.84
BETHLEHEM___STEEL 23779	75.16 -6.72 -0.95	69.89 -6.44 -1.46	69.76 -6.21 -1.11	69.24 -6.36 -0.74	75.13 -5.48 0.00	77.54 -6.00 -1.34	83.77 -6.10 -3.96	100.99 -8.72 -5.93	101.11 -8.97 -0.72	79.69 -7.37 -1.33	78.42 -8.06 -0.75	78.86 -8.08 -0.94	78.05 -8.14 -0.55	77.19 -8.31 -0.66	78.35 -8.03 -1.00	81.50 -8.05 -3.00	84.03 -8.14 -4.68	107.30 -10.80 -4.41	107.14 -10.81 -2.94	83.63 -7.56 -6.25	82.29 -8.17 -5.36	80.22 -8.25 -4.32	81.15 -7.49 -4.49	80.52 -6.36 -3.16
BETHLHEM_115KV_TB1 79974	91.01 3.08 -7.01	88.48 2.84 -10.77	85.90 2.84 -8.19	83.15 2.84 -5.44	83.76 3.14 0.00	95.31 3.21 -9.91	118.23 3.09 -29.23	150.72 3.22 -43.71	123.07 4.05 -9.67	98.82 3.26 -9.83	91.14 3.43 -1.98	94.82 3.35 -5.47	91.40 3.34 -2.42	91.39 3.31 -3.24	93.96 2.99 -5.59	111.43 2.77 -22.11	123.22 2.45 -33.28	150.49 3.41 -33.39	147.74 3.34 -29.39	133.52 2.46 -46.12	127.24 2.64 -39.50	118.70 2.69 -31.86	120.37 3.11 -33.11	109.90 3.35 -22.83
BETHPAGE_CC_5 323564	108.04 8.66 -18.44	99.73 8.01 -16.85	93.28 8.01 -10.40	92.73 8.01 -9.85	94.42 8.63 -5.18	104.32 8.80 -13.32	132.74 9.37 -37.46	157.00 11.72 -41.48	134.20 13.34 -11.50	114.86 10.28 -18.85	124.89 10.46 -28.70	121.21 10.49 -24.73	114.01 10.44 -17.93	113.78 10.26 -18.68	119.57 10.41 -23.78	136.98 10.82 -39.61	156.29 10.85 -57.95	186.60 13.98 -58.93	183.43 14.14 -54.28	167.55 9.68 -72.94	155.72 9.61 -61.00	145.26 9.17 -51.94	134.59 9.34 -41.10	124.26 8.79 -31.75
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	75.18 -6.72 -0.96	69.91 -6.44 -1.48	69.78 -6.21 -1.13	69.25 -6.36 -0.75	75.53 -5.08 0.00	77.56 -6.00 -1.36	83.91 -6.01 -4.02	101.07 -8.72 -6.01	101.67 -8.42 -0.73	79.71 -7.37 -1.35	78.52 -7.97 -0.76	78.96 -8.00 -0.95	78.15 -8.05 -0.56	77.29 -8.23 -0.67	78.45 -7.94 -1.01	81.63 -7.96 -3.04	84.10 -8.14 -4.74	107.61 -10.57 -4.49	107.42 -10.58 -2.99	83.80 -7.47 -6.34	82.37 -8.17 -5.43	80.36 -8.16 -4.38	81.21 -7.49 -4.55	80.57 -6.36 -3.21

BINGHAMTON___COGEN 23790	83.10 0.32 -1.85	77.93 0.22 -2.84	77.25 0.22 -2.16	76.45 0.15 -1.44	81.42 0.81 0.00	85.56 0.74 -2.62	94.83 1.20 -7.72	116.37 1.04 -11.54	112.32 1.42 -1.53	89.01 0.69 -2.60	87.72 0.51 -1.47	88.36 0.52 -1.84	87.23 0.51 -1.08	86.48 0.34 -1.30	87.93 0.60 -1.95	93.08 0.69 -5.84	97.39 0.79 -9.12	124.98 1.14 -10.15	122.94 1.15 -6.78	97.87 0.76 -12.17	96.04 0.51 -10.43	92.98 0.42 -8.41	93.31 0.42 -8.74	90.55 0.67 -6.16
BIXINCNT_115KV_LOAD 355685	76.04 -5.91 -1.02	70.82 -5.61 -1.57	70.59 -5.47 -1.19	70.04 -5.61 -0.79	77.55 -3.06 0.00	78.55 -5.10 -1.44	85.19 -4.98 -4.26	102.79 -7.37 -6.37	104.24 -5.91 -0.78	80.90 -6.26 -1.43	79.68 -6.86 -0.81	80.13 -6.88 -1.01	79.21 -7.02 -0.59	78.43 -7.13 -0.71	79.62 -6.83 -1.07	82.85 -6.92 -3.23	85.52 -7.00 -5.03	109.47 -9.10 -4.87	109.17 -9.09 -3.24	85.12 -6.54 -6.72	83.72 -7.15 -5.76	81.64 -7.15 -4.65	82.41 -6.56 -4.83	81.77 -5.36 -3.40
BLACK RIVER___HYD 24047	81.30 0.08 -0.29	75.61 0.30 -0.44	75.20 0.00 -0.34	74.94 -0.15 -0.22	80.53 -0.08 0.00	83.43 0.82 -0.41	88.41 1.29 -1.20	108.55 3.22 -1.54	112.96 3.60 0.00	87.62 1.54 -0.35	87.63 1.80 -0.10	87.83 1.63 -0.20	87.10 1.37 -0.10	86.84 1.86 -0.13	87.46 1.88 -0.21	89.75 2.42 -0.78	91.12 2.45 -1.18	118.55 3.64 -1.22	119.34 3.57 -0.77	89.55 2.97 -1.64	89.32 2.80 -1.41	87.73 2.44 -1.14	87.18 1.85 -1.18	86.13 1.59 -0.82
BLACKRVR_115KV_TB2 79977	81.30 0.08 -0.29	75.61 0.30 -0.44	75.20 0.00 -0.34	74.94 -0.15 -0.22	80.53 -0.08 0.00	83.43 0.82 -0.41	88.40 1.29 -1.20	108.81 3.22 -1.80	112.97 3.61 0.00	87.68 1.54 -0.41	87.64 1.80 -0.11	87.87 1.63 -0.24	87.11 1.37 -0.10	86.84 1.87 -0.13	87.47 1.88 -0.21	89.75 2.42 -0.78	91.12 2.45 -1.18	118.55 3.64 -1.22	119.47 3.57 -0.90	89.44 2.89 -1.62	89.31 2.81 -1.39	87.71 2.44 -1.12	87.08 1.77 -1.16	86.13 1.59 -0.82
BLISS_WT_PWR 323608	76.12 -5.83 -1.02	70.90 -5.54 -1.57	70.67 -5.39 -1.19	70.12 -5.54 -0.79	77.63 -2.98 0.00	78.71 -4.93 -1.44	85.28 -4.89 -4.26	102.90 -7.27 -6.38	105.11 -5.03 -0.78	80.91 -6.25 -1.43	79.85 -6.69 -0.81	80.22 -6.80 -1.01	79.38 -6.85 -0.59	78.60 -6.96 -0.71	79.71 -6.75 -1.07	83.37 -6.40 -3.23	85.61 -6.91 -5.03	109.47 -9.10 -4.87	109.17 -9.09 -3.25	84.62 -7.13 -6.82	83.88 -7.06 -5.84	81.79 -7.07 -4.71	82.57 -6.48 -4.90	81.85 -5.27 -3.40
BLUESTONE___WT_PWR 323821	87.20 4.29 -1.99	82.11 4.19 -3.06	81.08 3.89 -2.32	80.30 3.89 -1.54	85.45 4.84 0.00	90.68 5.67 -2.81	100.99 6.79 -8.30	123.87 7.68 -12.40	120.15 8.54 -2.25	93.92 5.40 -2.79	92.64 5.32 -1.59	93.31 5.33 -1.98	91.76 4.97 -1.16	91.33 5.09 -1.40	92.77 5.30 -2.10	98.88 6.06 -6.27	103.59 6.30 -9.79	133.44 8.76 -10.99	131.89 9.08 -7.79	104.74 6.54 -13.26	102.93 6.47 -11.36	99.20 5.89 -9.16	99.22 5.55 -9.52	96.04 5.70 -6.62
BLUE_CIRC_CHEM_DRP 24182	91.21 3.40 -6.88	88.50 3.07 -10.57	86.04 3.14 -8.03	83.35 3.14 -5.34	84.16 3.55 0.00	95.37 3.45 -9.72	118.04 3.44 -28.69	150.43 3.74 -42.90	121.65 4.16 -8.14	98.63 3.26 -9.65	91.27 3.26 -2.28	94.69 3.18 -5.51	91.34 3.17 -2.53	91.32 3.14 -3.33	94.11 3.07 -5.66	111.28 3.03 -21.70	123.25 2.97 -32.78	151.21 4.21 -33.31	146.92 4.14 -27.77	133.34 3.14 -45.26	127.02 3.15 -38.76	118.61 3.20 -31.27	120.18 3.53 -32.49	109.79 3.60 -22.47
BOC_GAS_DRP 24189	90.82 2.91 -6.98	88.28 2.70 -10.72	85.71 2.70 -8.15	82.97 2.70 -5.41	83.59 2.98 0.00	95.10 3.04 -9.86	118.09 3.09 -29.09	150.71 3.42 -43.50	121.10 4.05 -7.69	98.77 3.26 -9.78	90.71 3.26 -1.72	94.61 3.27 -5.34	91.19 3.25 -2.30	91.17 3.22 -3.10	93.98 3.16 -5.44	111.67 3.12 -22.00	123.50 2.97 -33.04	150.50 3.98 -32.83	146.59 3.91 -27.67	133.79 2.97 -45.88	127.38 2.98 -39.30	118.79 2.95 -31.70	120.20 3.11 -32.94	109.55 3.10 -22.73
BOONVILLE_115KV_TB1 79983	82.57 1.46 -0.19	76.65 1.50 -0.28	76.43 1.35 -0.22	76.36 1.35 -0.14	82.22 1.61 0.00	84.76 2.30 -0.26	89.35 2.66 -0.77	108.37 3.42 -1.16	113.19 3.83 0.00	88.39 2.40 -0.26	88.29 2.49 -0.07	88.65 2.49 -0.15	88.02 2.31 -0.07	87.31 2.38 -0.09	88.00 2.48 -0.15	89.88 2.77 -0.56	91.13 2.80 -0.84	118.32 3.75 -0.87	119.26 3.68 -0.57	88.90 2.80 -1.16	88.82 2.72 -0.99	87.47 2.52 -0.80	87.25 2.27 -0.83	86.48 2.18 -0.59
BORALEX_4TH_BRANCH 23824	93.82 5.91 -6.99	91.06 5.47 -10.73	88.49 5.47 -8.16	85.68 5.39 -5.42	86.58 5.97 0.00	98.24 6.16 -9.87	121.66 6.62 -29.14	155.14 7.78 -43.57	131.25 8.42 -13.46	101.87 6.34 -9.80	95.08 6.26 -3.09	98.37 6.45 -5.92	94.99 6.42 -2.93	94.87 6.28 -3.75	98.00 6.49 -6.14	115.25 6.66 -22.04	127.96 6.91 -33.56	157.63 8.87 -35.07	155.78 9.09 -31.69	137.48 6.62 -45.92	130.90 6.47 -39.33	122.26 6.40 -31.72	123.34 6.23 -32.97	112.26 5.78 -22.76
BOWLINE___1 23526	91.46 5.34 -5.19	87.78 4.94 -7.97	85.79 4.86 -6.06	83.76 4.86 -4.03	85.85 5.24 0.00	94.87 5.34 -7.33	113.31 5.76 -21.64	143.51 7.48 -32.24	121.65 8.54 -3.75	99.67 6.69 -7.25	102.93 7.11 -10.09	100.76 7.13 -7.62	98.58 7.19 -5.74	98.29 7.04 -6.40	100.81 7.00 -8.43	109.95 7.10 -16.31	122.05 7.08 -27.48	161.17 9.10 -38.37	143.07 9.20 -18.86	126.57 6.12 -35.51	121.57 6.04 -30.41	114.48 5.80 -24.53	115.28 5.64 -25.50	106.72 5.28 -17.72
BOWLINE___2 23595	91.46 5.34 -5.19	87.78 4.94 -7.97	85.79 4.86 -6.06	83.76 4.86 -4.03	85.85 5.24 0.00	94.87 5.34 -7.34	113.31 5.76 -21.64	143.51 7.48 -32.24	121.65 8.54 -3.75	99.67 6.69 -7.25	102.93 7.11 -10.09	100.76 7.13 -7.63	98.58 7.19 -5.75	98.29 7.04 -6.41	100.81 7.00 -8.43	109.96 7.10 -16.31	122.05 7.08 -27.48	161.28 9.21 -38.38	143.07 9.20 -18.86	126.57 6.12 -35.52	121.57 6.04 -30.42	114.49 5.80 -24.54	115.28 5.64 -25.50	106.72 5.28 -17.72
BRADY___115KV_TB2 356060	80.28 -0.65 0.00	74.49 -0.37 0.00	74.34 -0.52 0.00	74.49 -0.37 0.00	80.05 -0.56 0.00	80.80 -1.40 0.00	83.08 -2.84 0.00	101.61 -2.18 0.00	106.52 -2.84 0.00	82.39 -3.34 0.00	82.73 -3.00 0.00	82.99 -3.01 0.00	82.73 -2.91 0.00	82.64 -2.21 0.00	82.73 -2.65 0.00	83.43 -3.12 0.00	84.08 -3.41 0.00	109.15 -4.55 0.00	110.41 -4.60 0.00	81.88 -3.06 0.00	83.06 -2.04 0.00	82.89 -1.26 0.00	82.80 -1.35 0.00	82.80 -0.92 0.00
BRANSCOMB___SOLAR 323811	93.64 5.51 -7.21	90.87 4.94 -11.07	88.22 4.94 -8.41	85.47 5.02 -5.59	86.10 5.48 0.00	98.05 5.67 -10.18	122.22 6.27 -30.04	156.40 7.68 -44.93	134.46 8.09 -17.00	101.74 5.91 -10.10	93.69 5.49 -2.47	97.14 5.33 -5.80	93.64 5.31 -2.69	93.64 5.26 -3.53	96.98 5.63 -5.97	115.16 5.89 -22.72	128.41 6.57 -34.36	157.52 8.87 -34.96	159.06 8.98 -35.08	138.34 6.37 -47.04	131.60 6.21 -40.28	122.70 6.06 -32.49	123.80 5.89 -33.77	112.80 5.61 -23.47
BRENTWOD_69_KV_W. BRTWOOD 56703	101.75 9.71 -11.11	98.83 8.98 -14.99	91.85 8.98 -8.00	91.42 8.98 -7.57	93.44 9.83 -2.99	104.30 10.03 -12.07	132.19 11.08 -35.20	155.45 14.12 -37.55	131.46 14.87 -7.22	109.80 11.57 -12.50	115.74 11.40 -18.61	112.79 11.44 -15.36	108.22 11.30 -11.28	107.95 11.11 -11.99	112.24 11.44 -15.42	130.49 12.03 -31.91	154.02 12.42 -54.11	185.50 16.37 -55.44	182.26 16.45 -50.80	161.10 11.55 -64.61	153.35 11.23 -57.01	141.72 10.52 -47.05	126.78 10.52 -32.11	122.56 10.13 -28.70

BRISTLHL_115KV_TB1 79998	79.34 -2.02 -0.44	73.52 -2.02 -0.67	73.43 -1.95 -0.51	73.18 -2.02 -0.34	78.44 -2.18 0.00	81.01 -1.81 -0.62	86.19 -1.55 -1.82	104.44 -2.08 -2.73	106.96 -2.41 0.00	84.54 -1.80 -0.61	84.02 -1.89 -0.17	84.47 -1.89 -0.36	83.93 -1.88 -0.17	83.12 -1.95 -0.23	83.88 -1.88 -0.38	86.12 -1.82 -1.39	87.76 -1.84 -2.11	113.71 -2.16 -2.18	114.18 -2.19 -1.36	86.14 -1.70 -2.90	85.72 -1.87 -2.48	84.22 -1.94 -2.00	84.21 -2.02 -2.08	83.18 -2.01 -1.47
BROOKHAVEN___DRP 24191	100.19 8.98 -10.27	97.95 8.31 -14.77	90.91 8.31 -7.73	90.48 8.31 -7.31	92.46 9.11 -2.74	103.25 9.12 -11.93	131.24 10.40 -34.94	154.17 13.28 -37.10	129.43 13.34 -6.73	107.62 10.12 -11.77	113.55 10.37 -17.45	110.69 10.41 -14.28	106.43 10.28 -10.52	106.00 9.93 -11.23	110.17 10.33 -14.46	128.57 10.99 -31.03	152.78 11.64 -53.66	184.42 15.69 -55.03	181.16 15.76 -50.39	159.73 10.96 -63.83	152.36 10.55 -56.70	140.35 9.59 -46.61	124.96 9.59 -31.21	121.45 9.38 -28.35
BROOKLYN_NAVY_YARD 23515	93.08 6.80 -5.36	89.38 6.29 -8.23	87.56 6.44 -6.25	85.38 6.36 -4.15	87.55 6.93 0.00	96.75 6.98 -7.57	115.71 7.47 -22.33	147.09 9.87 -33.43	124.60 11.37 -3.87	102.25 9.00 -7.52	105.58 9.18 -10.67	103.20 9.21 -7.99	100.77 9.07 -6.05	100.57 8.99 -6.74	103.27 9.05 -8.85	112.63 9.17 -16.91	125.24 9.18 -28.56	165.54 11.71 -40.13	146.40 11.85 -19.55	129.95 8.15 -36.86	124.77 8.09 -31.57	117.10 7.49 -25.46	118.19 7.58 -26.46	109.23 7.11 -18.39
BROOKLYN___ARMY_DRP 323595	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.01 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.58 10.90 -49.89	147.76 12.36 -26.04	198.36 9.77 -102.85	117.80 9.94 -22.12	123.00 9.89 -27.11	122.16 9.85 -26.67	122.18 9.67 -27.66	121.94 9.82 -26.74	121.66 9.95 -25.16	285.67 10.15 -188.03	313.74 12.85 -187.19	322.87 13.11 -194.75	304.56 9.17 -210.46	285.70 9.02 -191.57	217.20 8.58 -124.47	117.88 8.41 -25.31	119.86 8.04 -28.10
BROOKVLE_69_KV_TB1 55790	116.23 8.34 -26.96	100.54 7.71 -17.96	95.67 7.71 -13.09	94.68 7.71 -12.10	96.37 8.38 -7.38	104.81 8.55 -14.06	133.06 9.02 -38.13	161.08 11.42 -45.87	139.06 13.23 -16.47	122.32 10.37 -26.22	136.63 10.46 -40.44	132.11 10.49 -35.62	121.75 10.45 -25.66	121.56 10.27 -26.45	129.29 10.42 -33.50	143.83 10.30 -46.98	156.42 10.50 -58.43	188.11 13.64 -60.77	181.95 13.69 -53.26	169.30 9.51 -74.85	152.64 9.28 -58.25	144.68 8.84 -51.70	142.08 9.00 -48.93	126.14 8.54 -33.88
BROOME_2_LFGE 323671	83.11 0.33 -1.85	77.94 0.23 -2.84	77.25 0.23 -2.16	76.45 0.15 -1.44	81.42 0.81 0.00	85.55 0.74 -2.62	94.83 1.20 -7.72	116.37 1.04 -11.55	112.43 1.53 -1.53	89.01 0.68 -2.60	87.72 0.52 -1.48	88.36 0.52 -1.84	87.23 0.52 -1.08	86.48 0.34 -1.30	87.93 0.60 -1.95	93.17 0.78 -5.84	97.39 0.79 -9.12	124.98 1.14 -10.15	122.95 1.15 -6.79	97.88 0.60 -12.35	96.20 0.51 -10.58	93.10 0.42 -8.53	93.44 0.42 -8.86	90.55 0.67 -6.16
BROOME___LFGE 323600	83.11 0.33 -1.85	77.94 0.23 -2.84	77.25 0.23 -2.16	76.45 0.15 -1.44	81.42 0.81 0.00	85.55 0.74 -2.62	94.83 1.20 -7.72	116.37 1.04 -11.55	112.43 1.53 -1.53	89.01 0.68 -2.60	87.72 0.52 -1.48	88.36 0.52 -1.84	87.23 0.52 -1.08	86.48 0.34 -1.30	87.93 0.60 -1.95	93.17 0.78 -5.84	97.39 0.79 -9.12	124.98 1.14 -10.15	122.95 1.15 -6.79	97.88 0.60 -12.35	96.20 0.51 -10.58	93.10 0.42 -8.53	93.44 0.42 -8.86	90.55 0.67 -6.16
BROWNFLS_115KV_TB_3_5 80003	79.62 -1.46 -0.15	73.89 -1.20 -0.23	73.69 -1.35 -0.17	73.56 -1.42 -0.11	79.00 -1.61 0.00	80.60 -1.81 -0.21	83.43 -3.09 -0.61	102.22 -2.49 -0.92	106.63 -2.73 0.00	82.77 -3.17 -0.21	83.30 -2.49 -0.06	83.72 -2.41 -0.12	83.21 -2.48 -0.05	83.05 -1.87 -0.07	83.36 -2.13 -0.11	84.63 -2.34 -0.41	85.14 -2.97 -0.63	110.59 -3.75 -0.65	111.56 -3.91 -0.46	83.17 -2.63 -0.86	83.72 -2.13 -0.74	83.65 -1.09 -0.60	83.59 -1.18 -0.62	83.15 -1.00 -0.44
BROWNSV1_27_KV_LOAD 356125	93.81 7.53 -5.36	90.05 6.96 -8.23	88.08 6.96 -6.25	85.91 6.89 -4.15	88.11 7.50 0.00	97.41 7.64 -7.57	116.49 8.25 -22.33	147.91 10.69 -33.43	125.48 12.25 -3.87	103.11 9.86 -7.52	106.34 9.94 -10.67	103.97 9.98 -7.99	101.54 9.85 -6.05	101.26 9.67 -6.74	104.04 9.82 -8.85	113.32 9.87 -16.91	126.03 9.97 -28.56	166.68 12.85 -40.13	147.55 13.00 -19.55	129.18 9.00 -35.25	124.14 8.85 -30.18	116.83 8.33 -24.35	117.70 8.25 -25.30	109.90 7.79 -18.39
BURROWS___LYONSDAL 23803	82.01 0.89 -0.19	76.13 0.97 -0.29	75.91 0.82 -0.22	75.76 0.75 -0.15	81.66 1.05 0.00	84.11 1.64 -0.27	88.68 1.98 -0.79	107.78 2.80 -1.19	112.53 3.17 0.00	87.80 1.80 -0.27	87.78 1.97 -0.07	88.05 1.89 -0.16	87.42 1.71 -0.07	86.89 1.95 -0.09	87.49 1.96 -0.15	89.36 2.25 -0.56	90.62 2.27 -0.85	117.64 3.07 -0.88	118.59 2.99 -0.59	88.40 2.29 -1.17	88.41 2.30 -1.01	87.06 2.10 -0.81	86.84 1.85 -0.84	86.16 1.84 -0.59
CAITHNESS_CC_1 323624	100.08 8.90 -10.25	97.87 8.24 -14.77	90.83 8.24 -7.73	90.40 8.24 -7.30	92.37 9.03 -2.74	103.17 9.04 -11.93	130.97 10.13 -34.93	153.85 12.97 -37.09	129.64 13.56 -6.72	107.60 10.11 -11.75	113.52 10.37 -17.42	110.66 10.40 -14.26	106.41 10.27 -10.50	106.06 10.01 -11.21	110.14 10.33 -14.43	128.46 10.91 -31.00	152.60 11.46 -53.65	184.17 15.46 -55.02	180.91 15.52 -50.38	160.98 10.62 -65.43	153.56 10.38 -58.08	141.21 9.34 -47.72	126.26 9.76 -32.35	121.36 9.29 -28.34
CALPINE BETH_PAGE_GT4 24209	111.62 8.74 -21.95	100.71 8.09 -17.75	94.51 8.09 -11.56	93.91 8.09 -10.96	95.40 8.54 -6.24	104.83 8.71 -13.92	133.80 9.36 -38.52	158.98 11.83 -43.36	136.03 13.12 -13.54	117.98 10.37 -21.88	129.81 10.54 -33.53	125.79 10.58 -29.21	117.28 10.53 -21.11	117.16 10.44 -21.88	123.75 10.59 -27.78	140.65 10.82 -43.28	158.17 10.94 -59.74	188.48 14.21 -60.58	185.26 14.38 -55.88	169.44 10.02 -74.48	155.70 9.79 -60.81	146.07 9.34 -52.58	137.18 9.34 -43.69	125.87 8.96 -33.19
CALPINE_BETH_PAGE_GT_4 323586	111.62 8.74 -21.95	100.71 8.09 -17.75	94.51 8.09 -11.56	93.91 8.09 -10.96	95.39 8.54 -6.24	104.83 8.71 -13.92	133.80 9.37 -38.52	158.88 11.72 -43.36	136.13 13.23 -13.54	117.89 10.28 -21.88	129.81 10.54 -33.53	125.78 10.58 -29.21	117.28 10.53 -21.11	117.15 10.43 -21.88	123.74 10.58 -27.78	140.82 10.99 -43.28	158.17 10.94 -59.74	188.48 14.21 -60.57	185.26 14.37 -55.88	170.88 9.85 -76.10	157.09 9.78 -62.20	147.19 9.34 -53.70	138.50 9.51 -44.85	125.87 8.96 -33.19
CALPINE_BP_GT1 23823	111.62 8.74 -21.95	100.71 8.09 -17.75	94.51 8.09 -11.56	93.91 8.09 -10.96	95.39 8.54 -6.24	104.83 8.71 -13.92	133.80 9.37 -38.52	158.88 11.72 -43.36	136.13 13.23 -13.54	117.89 10.28 -21.88	129.81 10.54 -33.53	125.78 10.58 -29.21	117.28 10.53 -21.11	117.15 10.43 -21.88	123.74 10.58 -27.78	140.82 10.99 -43.28	158.17 10.94 -59.74	188.48 14.21 -60.57	185.26 14.37 -55.88	170.88 9.85 -76.10	157.09 9.78 -62.20	147.19 9.34 -53.70	138.50 9.51 -44.85	125.87 8.96 -33.19
CALSPAN___DRP 24200	75.16 -6.72 -0.95	69.89 -6.44 -1.46	69.76 -6.21 -1.11	69.24 -6.36 -0.74	75.13 -5.48 0.00	77.54 -6.00 -1.34	83.77 -6.10 -3.96	100.99 -8.72 -5.93	101.11 -8.97 -0.72	79.69 -7.37 -1.33	78.42 -8.06 -0.75	78.86 -8.08 -0.94	78.05 -8.14 -0.55	77.19 -8.31 -0.66	78.35 -8.03 -1.00	81.50 -8.05 -3.00	84.03 -8.14 -4.68	107.30 -10.80 -4.41	107.14 -10.81 -2.94	83.63 -7.56 -6.25	82.29 -8.17 -5.36	80.22 -8.25 -4.32	81.15 -7.49 -4.49	80.52 -6.36 -3.16

CALVERTON___SOLAR 323806	100.27 9.06 -10.28	98.02 8.38 -14.78	90.98 8.38 -7.73	90.56 8.38 -7.31	92.54 9.19 -2.74	103.42 9.29 -11.93	131.24 10.39 -34.94	154.29 13.39 -37.11	129.77 13.67 -6.74	107.54 10.03 -11.78	113.56 10.37 -17.46	110.78 10.49 -14.29	106.44 10.27 -10.52	106.00 9.92 -11.23	110.17 10.33 -14.47	128.66 11.08 -31.03	152.88 11.73 -53.66	184.64 15.92 -55.03	181.51 16.10 -50.40	161.35 10.96 -65.46	153.92 10.72 -58.09	141.30 9.42 -47.73	126.46 9.92 -32.38	121.62 9.54 -28.36
CANDIGU_WT_PWR 323617	79.06 -3.16 -1.29	73.71 -3.14 -1.98	73.53 -2.84 -1.51	72.87 -3.00 -1.00	78.60 -2.01 0.00	81.81 -2.22 -1.82	89.48 -1.81 -5.38	108.62 -3.22 -8.05	107.42 -2.95 -1.00	84.19 -3.34 -1.81	83.07 -3.68 -1.02	83.50 -3.78 -1.28	82.62 -3.77 -0.75	81.85 -3.90 -0.90	83.07 -3.67 -1.36	87.33 -3.29 -4.07	90.78 -3.06 -6.35	116.55 -3.87 -6.72	115.56 -3.91 -4.46	90.31 -3.23 -8.60	89.42 -3.06 -7.37	86.98 -3.11 -5.94	87.38 -2.95 -6.18	85.76 -2.26 -4.29
CARR STREET_E_SYR 24060	80.43 -1.05 -0.55	74.59 -1.12 -0.85	74.46 -1.05 -0.64	74.17 -1.12 -0.43	79.48 -1.13 0.00	82.24 -0.74 -0.78	87.87 -0.34 -2.30	106.62 -0.62 -3.45	108.60 -0.76 0.00	85.91 -0.60 -0.78	85.47 -0.69 -0.43	85.86 -0.69 -0.55	85.27 -0.69 -0.32	84.38 -0.85 -0.38	85.27 -0.69 -0.58	87.70 -0.60 -1.75	89.51 -0.70 -2.72	116.09 -0.68 -3.07	116.04 -0.69 -1.72	87.86 -0.77 -3.69	87.42 -0.85 -3.16	85.77 -0.92 -2.55	85.79 -1.01 -2.65	84.65 -0.92 -1.84
CARTHAGE___PAPER 23857	80.63 -0.56 -0.26	74.89 -0.37 -0.40	74.49 -0.68 -0.30	74.32 -0.75 -0.20	79.89 -0.73 0.00	82.48 -0.08 -0.37	87.07 0.09 -1.08	106.84 1.66 -1.39	111.22 1.86 0.00	86.39 0.34 -0.31	86.42 0.60 -0.09	86.70 0.52 -0.18	85.99 0.26 -0.09	85.72 0.76 -0.11	86.25 0.68 -0.19	88.30 1.04 -0.70	89.61 1.05 -1.07	116.39 1.59 -1.10	117.19 1.49 -0.69	88.03 1.61 -1.49	87.83 1.45 -1.27	86.52 1.34 -1.03	86.14 0.93 -1.07	85.21 0.75 -0.74
CASSADAGA_WT_PWR 323784	75.45 -6.48 -1.00	70.26 -6.14 -1.53	70.11 -5.92 -1.16	69.72 -5.92 -0.77	76.26 -4.35 0.00	78.68 -4.93 -1.41	85.42 -4.64 -4.15	103.36 -6.64 -6.21	104.32 -5.80 -0.76	81.38 -5.74 -1.40	80.08 -6.43 -0.79	78.82 -8.17 -0.99	77.83 -8.39 -0.58	76.97 -8.57 -0.69	79.68 -6.75 -1.05	83.38 -6.31 -3.14	85.57 -6.82 -4.90	109.64 -8.75 -4.70	109.51 -8.63 -3.13	84.87 -6.71 -6.64	84.07 -6.73 -5.69	82.00 -6.73 -4.59	82.52 -6.40 -4.77	81.43 -5.61 -3.31
CE_DUNWOOD___DRP 24194	92.59 6.31 -5.34	88.92 5.84 -8.21	87.02 5.91 -6.24	84.85 5.84 -4.15	86.98 6.37 0.00	96.25 6.49 -7.55	115.16 6.96 -22.29	146.19 9.03 -33.37	123.50 10.28 -3.86	101.38 8.14 -7.50	104.69 8.32 -10.64	102.32 8.34 -7.97	99.99 8.31 -6.04	99.80 8.23 -6.72	102.48 8.28 -8.83	111.74 8.31 -16.88	124.48 8.49 -28.51	164.65 10.91 -40.04	145.56 11.04 -19.51	127.68 7.56 -35.18	122.56 7.32 -30.13	115.35 6.90 -24.30	116.22 6.82 -25.26	108.53 6.45 -18.36
CE_MILLWOOD___DRP 24193	92.33 6.07 -5.33	88.74 5.69 -8.19	86.78 5.69 -6.22	84.69 5.69 -4.14	86.74 6.13 0.00	96.06 6.33 -7.53	114.92 6.79 -22.22	145.78 8.72 -33.28	123.16 9.95 -3.85	101.10 7.89 -7.48	104.47 8.14 -10.59	102.12 8.17 -7.95	99.70 8.05 -6.01	99.52 7.98 -6.70	102.20 8.03 -8.79	111.43 8.05 -16.83	124.14 8.22 -28.42	164.17 10.57 -39.91	145.16 10.70 -19.46	127.32 7.30 -35.08	122.30 7.15 -30.04	115.11 6.73 -24.23	115.98 6.65 -25.18	108.22 6.20 -18.31
CE_NYC2_DRP 24202	94.09 7.28 -5.88	90.47 6.74 -8.87	88.61 6.81 -6.94	86.52 6.74 -4.92	88.63 7.34 -0.68	97.62 7.48 -7.94	116.24 7.99 -22.34	147.50 10.27 -33.44	125.76 11.70 -4.70	116.13 9.34 -21.05	107.54 9.52 -12.29	106.25 9.55 -10.70	104.04 9.42 -8.98	103.88 9.33 -9.70	106.15 9.39 -11.38	113.83 9.43 -17.84	127.28 9.54 -30.26	166.00 12.17 -40.14	146.98 12.42 -19.55	128.77 8.58 -35.26	125.85 8.43 -32.32	116.42 7.91 -24.36	117.37 7.91 -25.31	109.94 7.45 -18.76
CE_NYC_DRP 24195	93.16 6.88 -5.35	89.53 6.44 -8.23	87.56 6.44 -6.25	85.46 6.44 -4.15	87.54 6.93 0.00	96.84 7.07 -7.57	115.80 7.56 -22.33	147.08 9.86 -33.43	124.60 11.37 -3.87	102.42 9.17 -7.52	105.66 9.26 -10.67	103.28 9.29 -7.99	100.94 9.25 -6.05	100.66 9.08 -6.74	103.45 9.22 -8.85	112.72 9.26 -16.91	125.33 9.27 -28.56	165.65 11.82 -40.13	146.52 11.96 -19.55	128.42 8.24 -35.25	123.38 8.09 -30.18	116.07 7.57 -24.35	117.02 7.57 -25.30	109.23 7.12 -18.39
CHAFFEE___LFGE 323603	75.20 -6.72 -0.99	69.94 -6.44 -1.52	69.80 -6.21 -1.15	69.27 -6.36 -0.77	75.45 -5.16 0.00	77.67 -5.92 -1.39	84.01 -6.02 -4.11	101.22 -8.72 -6.15	101.91 -8.20 -0.75	79.65 -7.46 -1.38	78.62 -7.89 -0.78	78.98 -8.00 -0.98	78.16 -8.05 -0.57	77.39 -8.15 -0.69	78.48 -7.94 -1.04	82.05 -7.62 -3.11	84.30 -8.05 -4.86	107.77 -10.57 -4.64	107.41 -10.69 -3.10	83.28 -8.24 -6.58	82.66 -8.09 -5.64	80.53 -8.16 -4.55	81.38 -7.49 -4.72	80.64 -6.37 -3.28
CHATEAUG_35_KV_LOAD 355732	79.63 -1.29 0.00	73.74 -1.12 0.00	73.74 -1.12 0.00	73.82 -1.05 0.00	79.32 -1.29 0.00	80.14 -2.05 0.00	83.08 -2.84 0.00	100.67 -3.11 0.00	105.10 -4.27 0.00	82.82 -2.91 0.00	82.90 -2.83 0.00	83.25 -2.75 0.00	82.99 -2.65 0.00	82.38 -2.46 0.00	82.73 -2.65 0.00	83.87 -2.68 0.00	84.95 -2.54 0.00	110.17 -3.52 0.00	111.44 -3.57 0.00	82.56 -2.38 0.00	83.32 -1.79 0.00	82.63 -1.51 0.00	82.63 -1.51 0.00	82.63 -1.09 0.00
CHATEAUG_WT_PWR 323614	79.87 -1.05 0.00	73.97 -0.90 0.00	73.97 -0.90 0.00	74.04 -0.82 0.00	79.56 -1.05 0.00	80.47 -1.73 0.00	83.25 -2.66 0.00	100.88 -2.91 0.00	105.32 -4.04 0.00	83.16 -2.57 0.00	83.07 -2.66 0.00	83.50 -2.50 0.00	83.15 -2.49 0.00	82.56 -2.29 0.00	82.90 -2.48 0.00	83.87 -2.68 0.00	85.04 -2.45 0.00	110.29 -3.41 0.00	111.56 -3.45 0.00	83.07 -1.87 0.00	83.32 -1.79 0.00	82.72 -1.43 0.00	82.72 -1.43 0.00	82.88 -0.84 0.00
CHAT_HIGH_FALL_HYD 323578	79.63 -1.29 0.00	73.74 -1.12 0.00	73.74 -1.12 0.00	73.82 -1.05 0.00	79.32 -1.29 0.00	80.14 -2.05 0.00	83.08 -2.84 0.00	100.67 -3.11 0.00	105.10 -4.27 0.00	82.82 -2.91 0.00	82.90 -2.83 0.00	83.25 -2.75 0.00	82.99 -2.65 0.00	82.38 -2.46 0.00	82.73 -2.65 0.00	83.87 -2.68 0.00	84.95 -2.54 0.00	110.17 -3.52 0.00	111.44 -3.57 0.00	82.56 -2.38 0.00	83.32 -1.79 0.00	82.63 -1.51 0.00	82.63 -1.51 0.00	82.63 -1.09 0.00
CHAUTAUQUA___LFGE 323629	75.42 -6.48 -0.97	70.22 -6.14 -1.49	70.16 -5.84 -1.13	69.70 -5.92 -0.75	75.61 -5.00 0.00	78.39 -5.18 -1.37	84.88 -5.07 -4.04	102.47 -7.37 -6.05	102.77 -7.33 -0.74	80.66 -6.43 -1.36	79.55 -6.94 -0.76	79.31 -7.65 -0.96	78.41 -7.79 -0.56	77.54 -7.98 -0.68	79.23 -7.17 -1.02	82.86 -6.75 -3.06	85.00 -7.26 -4.77	108.78 -9.44 -4.53	108.60 -9.43 -3.02	84.10 -7.30 -6.47	83.50 -7.15 -5.54	81.38 -7.24 -4.47	81.98 -6.81 -4.64	81.17 -5.78 -3.23
CHERRYST_13_KV_LD 356241	93.41 7.12 -5.35	89.68 6.59 -8.23	87.78 6.66 -6.25	85.61 6.59 -4.15	87.79 7.17 0.00	97.08 7.32 -7.57	116.14 7.90 -22.33	147.49 10.27 -33.43	125.04 11.81 -3.87	102.76 9.52 -7.52	106.00 9.60 -10.67	103.63 9.63 -7.99	101.29 9.59 -6.05	101.00 9.42 -6.74	103.70 9.48 -8.85	113.06 9.61 -16.91	125.68 9.62 -28.56	166.11 12.28 -40.13	146.98 12.42 -19.55	128.76 8.58 -35.25	123.72 8.43 -30.18	116.32 7.83 -24.35	117.28 7.83 -25.30	109.48 7.37 -18.39

CHESTROR_138KV_BK263 355645	90.92 5.02 -4.97	87.22 4.72 -7.64	85.31 4.64 -5.81	83.36 4.64 -3.86	85.69 5.08 0.00	94.49 5.26 -7.03	112.23 5.58 -20.73	141.89 7.16 -30.94	121.06 8.09 -3.60	99.03 6.34 -6.96	101.59 6.43 -9.44	99.67 6.45 -7.22	97.46 6.42 -5.40	97.24 6.36 -6.03	99.75 6.40 -7.97	108.69 6.49 -15.65	120.43 6.65 -26.29	158.77 8.64 -36.44	141.85 8.74 -18.10	123.42 5.86 -32.62	118.83 5.79 -27.94	112.15 5.47 -22.53	112.87 5.30 -23.42	105.73 5.02 -16.99
CH_MIDHUDSON___DRP 24192	92.84 6.47 -5.44	89.21 5.99 -8.36	87.21 5.99 -6.35	85.07 5.99 -4.22	87.06 6.45 0.00	96.63 6.74 -7.69	115.72 7.13 -22.68	146.74 9.03 -33.92	123.56 10.17 -4.03	101.25 7.89 -7.63	104.25 7.97 -10.55	101.91 7.91 -8.00	99.45 7.79 -6.02	99.28 7.72 -6.71	102.07 7.85 -8.84	111.67 7.96 -17.16	124.69 8.31 -28.89	164.89 10.91 -40.28	146.08 11.16 -19.92	128.16 7.47 -35.75	123.13 7.40 -30.61	115.91 7.07 -24.69	116.71 6.90 -25.66	108.87 6.53 -18.62
CH_MISC_IPPS 23765	93.14 6.88 -5.34	89.43 6.36 -8.20	87.46 6.36 -6.24	85.37 6.36 -4.14	87.46 6.85 0.00	96.98 7.24 -7.55	115.91 7.74 -22.27	146.74 9.65 -33.30	124.14 10.83 -3.95	101.45 8.23 -7.49	104.30 8.31 -10.26	101.98 8.17 -7.81	99.55 8.05 -5.86	99.36 7.97 -6.54	102.12 8.12 -8.63	111.78 8.39 -16.84	124.65 8.83 -28.32	164.68 11.60 -39.38	146.29 11.74 -19.55	129.30 7.73 -36.64	124.23 7.74 -31.38	116.77 7.32 -25.31	117.60 7.15 -26.30	108.78 6.78 -18.28
CH_RES_BVR_FALLS 23983	79.39 -1.54 0.00	73.44 -1.42 0.00	73.52 -1.35 0.00	73.59 -1.27 0.00	79.16 -1.45 0.00	80.56 -1.64 0.00	83.85 -2.06 0.00	101.60 -2.18 0.00	106.95 -2.41 0.00	83.84 -1.89 0.00	83.93 -1.80 0.00	84.19 -1.81 0.00	83.84 -1.80 0.00	83.15 -1.70 0.00	83.50 -1.88 0.00	84.47 -2.08 0.00	85.48 -2.01 0.00	110.96 -2.73 0.00	112.25 -2.76 0.00	83.24 -1.70 0.00	83.41 -1.70 0.00	82.64 -1.51 0.00	82.64 -1.51 0.00	82.38 -1.34 0.00
CH_RES_NIAGARA 23895	73.55 -8.25 -0.88	68.43 -7.79 -1.35	68.26 -7.64 -1.03	67.84 -7.71 -0.68	72.15 -8.46 0.00	75.80 -7.64 -1.24	81.50 -8.08 -3.66	97.85 -11.42 -5.48	96.79 -13.23 -0.66	77.45 -9.52 -1.23	76.31 -10.12 -0.69	76.72 -10.15 -0.87	75.96 -10.19 -0.51	75.11 -10.35 -0.61	76.14 -10.16 -0.92	79.02 -10.30 -2.77	81.23 -10.59 -4.33	103.50 -14.10 -3.90	103.47 -14.15 -2.60	80.87 -9.85 -5.78	79.59 -10.47 -4.95	77.71 -10.43 -3.99	78.71 -9.59 -4.15	78.36 -8.29 -2.93
CH_RES_SYRACUSE 23985	81.48 -0.08 -0.63	75.62 -0.22 -0.97	75.46 -0.15 -0.74	75.13 -0.22 -0.49	80.45 -0.16 0.00	83.34 0.25 -0.90	89.24 0.68 -2.64	108.38 0.63 -3.96	109.80 0.44 0.00	86.97 0.34 -0.89	86.40 0.17 -0.50	86.80 0.17 -0.63	86.26 0.26 -0.36	85.29 0.00 -0.44	86.21 0.17 -0.67	88.90 0.35 -2.01	90.97 0.35 -3.13	117.80 0.57 -3.53	117.67 0.69 -1.97	89.43 0.26 -4.24	88.91 0.17 -3.63	87.16 0.08 -2.93	87.19 0.00 -3.04	85.92 0.08 -2.11
CLINTON_WT_PWR 323605	79.87 -1.05 0.00	73.97 -0.90 0.00	73.97 -0.90 0.00	74.04 -0.82 0.00	79.56 -1.05 0.00	80.47 -1.73 0.00	83.25 -2.66 0.00	100.88 -2.91 0.00	105.32 -4.04 0.00	83.16 -2.57 0.00	83.07 -2.66 0.00	83.50 -2.50 0.00	83.15 -2.49 0.00	82.56 -2.29 0.00	82.90 -2.48 0.00	83.87 -2.68 0.00	85.04 -2.45 0.00	110.29 -3.41 0.00	111.56 -3.45 0.00	83.07 -1.87 0.00	83.32 -1.79 0.00	82.72 -1.43 0.00	82.72 -1.43 0.00	82.88 -0.84 0.00
CLINTON___LFGE 323618	80.85 -0.08 0.00	74.94 0.07 0.00	74.94 0.07 0.00	75.02 0.15 0.00	80.69 0.08 0.00	81.46 -0.74 0.00	84.19 -1.72 0.00	102.02 -1.76 0.00	106.08 -3.28 0.00	84.10 -1.63 0.00	84.02 -1.71 0.00	84.46 -1.55 0.00	84.01 -1.63 0.00	83.40 -1.44 0.00	83.67 -1.71 0.00	84.82 -1.73 0.00	86.18 -1.31 0.00	111.65 -2.04 0.00	113.05 -1.96 0.00	84.25 -0.68 0.00	84.60 -0.51 0.00	83.90 -0.25 0.00	83.81 -0.34 0.00	84.14 0.42 0.00
COBBLENY_34_KV_TB1 80064	75.20 -6.72 -0.99	69.94 -6.44 -1.52	69.80 -6.21 -1.15	69.27 -6.36 -0.77	75.45 -5.16 0.00	77.67 -5.92 -1.39	84.01 -6.01 -4.11	101.22 -8.72 -6.15	101.58 -8.53 -0.75	79.83 -7.29 -1.38	78.62 -7.89 -0.78	78.98 -8.00 -0.98	78.16 -8.05 -0.57	77.39 -8.15 -0.69	78.47 -7.94 -1.04	81.70 -7.96 -3.11	84.30 -8.05 -4.86	107.76 -10.57 -4.64	107.52 -10.58 -3.09	83.95 -7.47 -6.49	82.58 -8.09 -5.56	80.47 -8.16 -4.48	81.32 -7.49 -4.66	80.64 -6.36 -3.28
COFFEEN___115KV_TB3 355620	81.87 0.65 -0.29	76.14 0.82 -0.45	75.66 0.45 -0.34	75.47 0.37 -0.23	81.10 0.48 0.00	84.09 1.48 -0.42	89.20 2.06 -1.23	111.23 5.60 -1.84	115.38 6.01 0.00	89.32 3.17 -0.41	89.27 3.43 -0.12	89.43 3.18 -0.24	88.48 2.74 -0.10	88.28 3.31 -0.13	89.00 3.42 -0.21	91.66 4.33 -0.78	93.22 4.55 -1.18	121.39 6.48 -1.22	122.36 6.44 -0.91	91.57 5.01 -1.62	91.43 4.94 -1.39	89.56 4.29 -1.12	88.76 3.45 -1.16	87.72 3.18 -0.82
COLDSPRG_115KV_BK1 355956	76.38 -5.58 -1.04	71.07 -5.39 -1.59	70.91 -5.17 -1.21	70.43 -5.24 -0.80	78.03 -2.58 0.00	79.31 -4.36 -1.47	86.20 -4.04 -4.33	104.13 -6.12 -6.47	105.67 -4.48 -0.79	82.04 -5.14 -1.45	80.81 -5.74 -0.82	80.49 -6.54 -1.03	79.56 -6.68 -0.60	78.70 -6.87 -0.72	80.49 -5.98 -1.09	83.76 -6.06 -3.27	86.56 -6.04 -5.11	111.05 -7.62 -4.98	110.62 -7.71 -3.31	86.32 -5.44 -6.82	84.74 -6.21 -5.84	82.64 -6.23 -4.71	83.33 -5.72 -4.90	82.40 -4.77 -3.45
COLONIE_LFGE___ 323577	92.74 4.69 -7.12	90.06 4.27 -10.93	87.44 4.27 -8.31	84.65 4.27 -5.52	85.37 4.75 0.00	97.10 4.85 -10.06	120.83 5.24 -29.68	154.40 6.23 -44.38	131.30 6.67 -15.27	100.77 5.06 -9.98	93.27 4.97 -2.57	96.77 4.99 -5.79	93.32 4.97 -2.72	93.22 4.83 -3.55	96.37 5.04 -5.96	114.19 5.19 -22.45	126.90 5.43 -33.98	155.33 6.94 -34.70	155.44 7.02 -33.41	136.45 5.10 -46.42	129.88 5.02 -39.76	121.10 4.88 -32.07	122.44 4.96 -33.33	111.57 4.69 -23.16
COOPERNY_115KV_TB1 80082	88.66 3.64 -4.09	84.59 3.44 -6.28	83.08 3.44 -4.77	81.48 3.44 -3.17	84.32 3.71 0.00	91.84 3.86 -5.77	107.16 4.21 -17.04	134.53 5.29 -25.45	118.36 6.01 -2.99	96.17 4.72 -5.72	97.20 4.72 -6.76	96.25 4.73 -5.52	94.33 4.71 -3.98	94.01 4.67 -4.49	96.13 4.70 -6.05	104.27 4.85 -12.87	113.67 4.90 -21.28	148.42 6.37 -28.36	136.35 6.44 -14.90	116.19 4.42 -26.84	112.34 4.26 -22.98	106.72 4.04 -18.54	107.37 3.95 -19.26	101.29 3.68 -13.89
COPENHAGEN_WT_PWR 323753	81.15 -0.08 -0.30	75.41 0.07 -0.47	75.00 -0.22 -0.35	74.80 -0.30 -0.24	80.29 -0.32 0.00	83.21 0.58 -0.43	88.12 0.95 -1.27	108.07 2.60 -1.68	112.20 2.84 0.00	87.31 1.20 -0.38	87.20 1.37 -0.11	87.43 1.20 -0.22	86.69 0.94 -0.11	86.34 1.35 -0.14	87.06 1.45 -0.23	89.30 1.90 -0.85	90.70 1.92 -1.29	117.87 2.84 -1.33	118.60 2.76 -0.84	89.11 2.37 -1.80	88.85 2.21 -1.54	87.33 1.94 -1.24	86.78 1.34 -1.29	85.79 1.17 -0.90
CORNELL____ 23752	84.08 1.86 -1.29	78.50 1.65 -1.99	78.02 1.65 -1.51	77.44 1.57 -1.00	82.79 2.18 0.00	86.57 2.55 -1.83	94.56 3.26 -5.39	115.58 3.74 -8.05	114.37 3.94 -1.08	90.20 2.66 -1.81	89.16 2.40 -1.02	89.69 2.41 -1.28	88.70 2.31 -0.75	87.87 2.12 -0.90	89.13 2.39 -1.36	93.31 2.68 -4.08	96.74 2.89 -6.36	125.04 4.21 -7.14	124.04 4.26 -4.78	96.49 3.06 -8.50	95.11 2.72 -7.28	92.46 2.44 -5.87	92.52 2.27 -6.10	90.45 2.43 -4.30

CORONA__69_KV_TB1 355595	174.22 8.66 -84.63	116.80 7.94 -34.00	111.79 7.94 -28.98	111.24 7.94 -28.44	112.07 8.63 -22.84	115.75 8.80 -24.76	160.79 9.62 -65.26	193.50 12.04 -77.68	172.70 13.23 -50.10	172.41 10.54 -76.14	215.98 10.37 -119.88	205.73 10.41 -109.33	173.98 10.36 -77.98	174.15 10.27 -79.04	195.00 10.33 -99.29	212.38 10.73 -115.10	205.93 10.85 -107.59	226.48 13.98 -98.80	233.70 14.15 -104.55	242.75 9.94 -147.88	194.47 9.79 -99.58	191.42 9.34 -97.93	204.41 9.17 -111.09	157.08 8.87 -64.48
CORTLAND__115KV_TB3 80093	83.12 1.13 -1.06	77.47 0.97 -1.63	77.08 0.97 -1.24	76.59 0.90 -0.82	81.98 1.37 0.00	85.34 1.64 -1.50	92.58 2.23 -4.43	112.90 2.49 -6.62	112.92 2.73 -0.83	89.02 1.80 -1.49	88.20 1.63 -0.84	88.69 1.63 -1.05	87.88 1.63 -0.61	87.03 1.44 -0.74	88.12 1.62 -1.12	91.72 1.82 -3.35	94.64 1.92 -5.23	122.29 2.73 -5.87	121.66 2.76 -3.89	93.88 1.95 -6.99	92.79 1.70 -5.98	90.49 1.51 -4.83	90.60 1.43 -5.02	88.77 1.51 -3.54
COXSACKIE__GT 23611	94.23 6.71 -6.59	91.05 6.06 -10.12	88.55 5.99 -7.70	86.04 6.06 -5.11	87.95 7.33 0.00	98.82 7.31 -9.31	120.78 7.39 -27.48	153.49 8.61 -41.09	126.30 9.07 -7.86	100.97 6.00 -9.24	95.61 6.25 -3.62	97.39 5.51 -5.88	94.29 5.56 -3.09	94.22 5.51 -3.86	97.06 5.55 -6.14	112.44 5.11 -20.78	125.68 6.30 -31.89	158.66 10.68 -34.28	150.52 8.86 -26.66	134.38 6.03 -43.41	128.58 6.30 -37.18	120.11 5.98 -29.99	121.29 5.98 -31.16	111.74 6.36 -21.66
CPV_VALLEY__CC1 323721	89.87 4.29 -4.65	86.05 4.04 -7.14	84.26 3.97 -5.43	82.44 3.97 -3.61	84.88 4.27 0.00	93.21 4.44 -6.57	110.02 4.72 -19.39	138.86 6.12 -28.95	119.73 7.01 -3.37	97.64 5.40 -6.51	99.89 5.66 -8.50	98.29 5.67 -6.62	96.20 5.65 -4.91	95.85 5.51 -5.49	98.22 5.55 -7.29	106.90 5.71 -14.64	117.75 5.77 -24.49	154.77 7.50 -33.57	139.41 7.47 -16.93	121.66 4.92 -31.80	117.27 4.93 -27.23	110.74 4.63 -21.96	111.51 4.54 -22.83	103.85 4.27 -15.87
CPV_VALLEY__CC2 323722	89.87 4.29 -4.65	86.05 4.04 -7.14	84.26 3.97 -5.43	82.44 3.97 -3.61	84.88 4.27 0.00	93.21 4.44 -6.57	110.02 4.72 -19.39	138.86 6.12 -28.95	119.73 7.01 -3.37	97.64 5.40 -6.51	99.89 5.66 -8.50	98.29 5.67 -6.62	96.20 5.65 -4.91	95.85 5.51 -5.49	98.22 5.55 -7.29	106.90 5.71 -14.64	117.75 5.77 -24.49	154.77 7.50 -33.57	139.41 7.47 -16.93	121.66 4.92 -31.80	117.27 4.93 -27.23	110.74 4.63 -21.96	111.51 4.54 -22.83	103.85 4.27 -15.87
CRESCENT__HYD 24018	92.74 4.69 -7.12	90.06 4.27 -10.93	87.44 4.27 -8.31	84.65 4.27 -5.52	85.37 4.75 0.00	97.10 4.85 -10.06	120.83 5.24 -29.68	154.40 6.23 -44.38	131.30 6.67 -15.27	100.77 5.06 -9.98	93.27 4.97 -2.57	96.77 4.99 -5.79	93.32 4.97 -2.72	93.22 4.83 -3.55	96.37 5.04 -5.96	114.19 5.19 -22.45	126.90 5.43 -33.98	155.33 6.94 -34.70	155.44 7.02 -33.41	136.45 5.10 -46.42	129.88 5.02 -39.76	121.10 4.88 -32.07	122.44 4.96 -33.33	111.57 4.69 -23.16
CRICKET__VALLEY_CC1 323756	92.27 5.66 -5.67	88.90 5.32 -8.72	86.81 5.32 -6.63	84.58 5.32 -4.40	86.34 5.72 0.00	96.14 5.92 -8.02	115.76 6.19 -23.66	146.87 7.68 -35.41	122.28 8.64 -4.29	100.46 6.77 -7.96	103.69 7.03 -10.93	101.45 7.13 -8.31	98.98 7.10 -6.24	98.77 6.96 -6.96	101.64 7.08 -9.18	111.64 7.18 -17.91	124.87 7.26 -30.12	164.80 9.21 -41.90	145.28 9.43 -20.84	130.14 6.29 -38.92	124.74 6.30 -33.33	117.26 6.23 -26.89	118.15 6.06 -27.94	108.84 5.70 -19.42
CRICKET__VALLEY_CC2 323757	92.27 5.66 -5.67	88.90 5.32 -8.72	86.81 5.32 -6.63	84.58 5.32 -4.40	86.34 5.72 0.00	96.14 5.92 -8.02	115.76 6.19 -23.66	146.87 7.68 -35.41	122.28 8.64 -4.29	100.46 6.77 -7.96	103.69 7.03 -10.93	101.45 7.13 -8.31	98.98 7.10 -6.24	98.77 6.96 -6.96	101.64 7.08 -9.18	111.64 7.18 -17.91	124.87 7.26 -30.12	164.80 9.21 -41.90	145.28 9.43 -20.84	130.14 6.29 -38.92	124.74 6.30 -33.33	117.26 6.23 -26.89	118.15 6.06 -27.94	108.84 5.70 -19.42
CRICKET__VALLEY_CC3 323758	92.27 5.66 -5.67	88.90 5.32 -8.72	86.81 5.32 -6.63	84.58 5.32 -4.40	86.34 5.72 0.00	96.14 5.92 -8.02	115.76 6.19 -23.66	146.87 7.68 -35.41	122.28 8.64 -4.29	100.46 6.77 -7.96	103.69 7.03 -10.93	101.45 7.13 -8.31	98.98 7.10 -6.24	98.77 6.96 -6.96	101.64 7.08 -9.18	111.64 7.18 -17.91	124.87 7.26 -30.12	164.80 9.21 -41.90	145.28 9.43 -20.84	130.14 6.29 -38.92	124.74 6.30 -33.33	117.26 6.23 -26.89	118.15 6.06 -27.94	108.84 5.70 -19.42
CRUCIBLE__METL_DRP 24180	81.48 -0.08 -0.63	75.61 -0.22 -0.97	75.38 -0.22 -0.74	75.13 -0.22 -0.49	80.45 -0.16 0.00	83.34 0.25 -0.90	89.16 0.60 -2.64	108.36 0.62 -3.95	109.80 0.44 0.00	87.05 0.43 -0.89	86.40 0.17 -0.49	86.80 0.17 -0.63	86.26 0.26 -0.36	85.29 0.00 -0.44	86.21 0.17 -0.67	88.81 0.26 -2.01	90.97 0.35 -3.13	117.80 0.57 -3.53	117.66 0.69 -1.97	89.54 0.42 -4.18	88.86 0.17 -3.58	87.12 0.08 -2.89	87.15 0.00 -3.00	85.92 0.08 -2.11
DAHOWA__HYDRO 323763	93.98 5.83 -7.22	91.20 5.24 -11.09	88.46 5.16 -8.43	85.71 5.24 -5.60	86.42 5.81 0.00	98.32 5.92 -10.20	122.73 6.71 -30.11	157.02 8.20 -45.03	135.26 8.64 -17.26	102.29 6.43 -10.13	94.08 5.91 -2.44	97.48 5.67 -5.80	93.97 5.65 -2.68	93.97 5.60 -3.52	97.32 5.97 -5.97	115.56 6.24 -22.77	128.92 7.00 -34.42	158.24 9.55 -34.99	160.00 9.66 -35.33	138.88 6.80 -47.14	132.20 6.72 -40.37	123.11 6.39 -32.57	124.31 6.31 -33.84	113.19 5.94 -23.52
DANC__LFGE 323619	80.48 -0.81 -0.36	74.74 -0.68 -0.55	74.46 -0.82 -0.42	74.17 -0.98 -0.28	79.56 -1.05 0.00	82.29 -0.41 -0.50	87.31 -0.09 -1.49	106.18 0.21 -2.18	109.58 0.22 0.00	85.88 -0.34 -0.49	85.70 -0.17 -0.14	86.03 -0.26 -0.29	85.44 -0.34 -0.14	84.86 -0.17 -0.18	85.59 -0.09 -0.30	87.65 0.00 -1.10	89.17 0.00 -1.68	115.76 0.34 -1.73	116.44 0.35 -1.09	87.61 0.34 -2.33	87.28 0.17 -2.00	85.93 0.17 -1.61	85.57 -0.25 -1.67	84.55 -0.33 -1.16
DANSKAMMER__1 23586	93.14 6.88 -5.34	89.43 6.36 -8.20	87.46 6.36 -6.24	85.37 6.36 -4.14	87.46 6.85 0.00	96.98 7.24 -7.55	115.91 7.74 -22.27	146.74 9.65 -33.30	124.14 10.83 -3.95	101.45 8.23 -7.49	104.30 8.31 -10.26	101.98 8.17 -7.81	99.55 8.05 -5.86	99.36 7.97 -6.54	102.12 8.12 -8.63	111.78 8.39 -16.84	124.65 8.83 -28.32	164.68 11.60 -39.38	146.29 11.74 -19.55	129.30 7.73 -36.64	124.23 7.74 -31.38	116.77 7.32 -25.31	117.60 7.15 -26.30	108.78 6.78 -18.28
DANSKAMMER__2 23589	93.14 6.88 -5.34	89.43 6.36 -8.20	87.46 6.36 -6.24	85.37 6.36 -4.14	87.46 6.85 0.00	96.98 7.24 -7.55	115.91 7.74 -22.27	146.74 9.65 -33.30	124.14 10.83 -3.95	101.45 8.23 -7.49	104.30 8.31 -10.26	101.98 8.17 -7.81	99.55 8.05 -5.86	99.36 7.97 -6.54	102.12 8.12 -8.63	111.78 8.39 -16.84	124.65 8.83 -28.32	164.68 11.60 -39.38	146.29 11.74 -19.55	129.30 7.73 -36.64	124.23 7.74 -31.38	116.77 7.32 -25.31	117.60 7.15 -26.30	108.78 6.78 -18.28
DANSKAMMER__3 23590	93.14 6.88 -5.34	89.43 6.36 -8.20	87.46 6.36 -6.24	85.37 6.36 -4.14	87.46 6.85 0.00	96.98 7.24 -7.55	115.91 7.74 -22.27	146.74 9.65 -33.30	124.14 10.83 -3.95	101.45 8.23 -7.49	104.30 8.31 -10.26	101.98 8.17 -7.81	99.55 8.05 -5.86	99.36 7.97 -6.54	102.12 8.12 -8.63	111.78 8.39 -16.84	124.65 8.83 -28.32	164.68 11.60 -39.38	146.29 11.74 -19.55	129.30 7.73 -36.64	124.23 7.74 -31.38	116.77 7.32 -25.31	117.60 7.15 -26.30	108.78 6.78 -18.28

DANSKAMMER___4 23591	93.14 6.88 -5.34	89.43 6.36 -8.20	87.46 6.36 -6.24	85.37 6.36 -4.14	87.46 6.85 0.00	96.98 7.24 -7.55	115.91 7.74 -22.27	146.74 9.65 -33.30	124.14 10.83 -3.95	101.45 8.23 -7.49	104.30 8.31 -10.26	101.98 8.17 -7.81	99.55 8.05 -5.86	99.36 7.97 -6.54	102.12 8.12 -8.63	111.78 8.39 -16.84	124.65 8.83 -28.32	164.68 11.60 -39.38	146.29 11.74 -19.55	129.30 7.73 -36.64	124.23 7.74 -31.38	116.77 7.32 -25.31	117.60 7.15 -26.30	108.78 6.78 -18.28
DANSKAMMER___DIESEL 23592	93.15 6.88 -5.34	89.43 6.36 -8.20	87.46 6.36 -6.24	85.37 6.36 -4.14	87.46 6.85 0.00	96.98 7.23 -7.55	115.82 7.65 -22.27	146.73 9.65 -33.29	124.14 10.83 -3.95	101.53 8.32 -7.49	104.31 8.32 -10.26	101.98 8.17 -7.81	99.55 8.05 -5.86	99.36 7.98 -6.54	102.12 8.11 -8.63	111.70 8.31 -16.84	124.65 8.84 -28.32	164.67 11.60 -39.38	146.17 11.62 -19.55	127.94 7.90 -35.10	122.91 7.74 -30.06	115.72 7.32 -24.25	116.50 7.15 -25.20	108.78 6.78 -18.28
DARBY___SOLAR 323810	93.64 5.51 -7.21	90.88 4.94 -11.07	88.22 4.94 -8.41	85.47 5.02 -5.59	86.10 5.48 0.00	98.05 5.67 -10.18	122.32 6.36 -30.05	156.40 7.68 -44.94	134.58 8.21 -17.01	101.83 6.00 -10.10	93.76 5.57 -2.47	97.23 5.42 -5.80	93.73 5.40 -2.69	93.72 5.35 -3.53	96.98 5.63 -5.97	115.24 5.97 -22.73	128.42 6.57 -34.36	157.63 8.98 -34.96	159.18 9.08 -35.09	138.43 6.45 -47.04	131.69 6.30 -40.29	122.71 6.06 -32.50	123.89 5.98 -33.77	112.89 5.70 -23.47
DASHVILLE___HYD 23610	94.63 8.17 -5.52	90.91 7.56 -8.48	88.80 7.49 -6.45	86.71 7.56 -4.28	88.92 8.30 0.00	98.80 8.80 -7.80	118.30 9.36 -23.03	150.04 11.83 -34.42	127.12 12.90 -4.86	103.07 9.60 -7.74	103.56 9.69 -8.14	102.25 9.20 -7.05	99.73 9.16 -4.93	99.45 8.99 -5.61	102.29 9.22 -7.69	113.31 9.35 -17.41	126.43 10.50 -28.45	165.14 14.67 -36.78	148.52 12.65 -20.86	129.70 8.41 -36.36	124.59 8.34 -31.14	117.01 7.74 -25.12	117.57 7.32 -26.10	109.37 6.95 -18.70
DEERFIELD_69_KV_DEERFIELD LD 355887	100.61 9.39 -10.30	98.33 8.68 -14.78	91.29 8.68 -7.74	90.94 8.76 -7.32	92.87 9.51 -2.75	103.75 9.62 -11.93	132.02 11.17 -34.94	155.22 14.32 -37.11	130.21 14.11 -6.74	108.07 10.54 -11.79	113.67 10.46 -17.48	110.98 10.66 -14.31	106.54 10.36 -10.54	106.10 10.01 -11.24	110.28 10.42 -14.48	128.76 11.16 -31.05	153.15 11.99 -53.67	185.34 16.60 -55.04	181.97 16.56 -50.40	160.25 11.47 -63.85	152.79 10.98 -56.71	140.70 9.93 -46.62	125.23 9.85 -31.24	121.96 9.88 -28.36
DELAWARE___LFGE 323621	86.53 3.16 -2.45	81.62 2.99 -3.76	80.64 2.92 -2.86	79.68 2.92 -1.90	84.00 3.39 0.00	89.28 3.62 -3.46	100.25 4.12 -10.21	123.82 4.77 -15.26	118.35 5.47 -3.53	93.11 3.94 -3.43	91.64 3.94 -1.97	92.31 3.87 -2.44	90.84 3.77 -1.43	90.30 3.73 -1.72	91.81 3.84 -2.59	98.34 4.07 -7.72	103.75 4.20 -12.06	132.87 5.57 -13.61	130.85 5.64 -10.21	105.11 4.08 -16.09	102.81 3.91 -13.78	98.88 3.62 -11.12	99.24 3.53 -11.55	95.30 3.43 -8.14
DERFIELD_115KV_TB7 355931	81.66 0.73 0.00	75.54 0.67 0.00	75.54 0.67 0.00	75.54 0.67 0.00	81.34 0.73 0.00	83.10 0.90 0.00	86.94 1.03 0.00	104.93 1.14 0.00	110.67 1.31 0.00	86.76 1.03 0.00	86.76 1.03 0.00	87.03 1.03 0.00	86.67 1.03 0.00	85.78 0.93 0.00	86.40 1.02 0.00	87.59 1.04 0.00	88.54 1.05 0.00	115.06 1.36 0.00	116.39 1.38 0.00	85.95 1.02 0.00	86.04 0.94 0.00	84.99 0.84 0.00	85.07 0.93 0.00	84.56 0.84 0.00
DOGLEVILLE___HYD 23807	84.00 3.07 0.00	77.71 2.84 0.00	77.56 2.69 0.00	77.56 2.69 0.00	83.60 2.98 0.00	85.49 3.29 0.00	89.60 3.69 0.00	107.94 4.16 0.00	114.06 4.70 0.00	89.41 3.68 0.00	89.59 3.86 0.00	89.96 3.96 0.00	89.50 3.86 0.00	88.57 3.73 0.00	89.22 3.85 0.00	90.35 3.80 0.00	91.43 3.94 0.00	118.93 5.23 0.00	120.30 5.29 0.00	89.01 4.08 0.00	89.28 4.17 0.00	88.44 4.29 0.00	88.61 4.46 0.00	88.24 4.52 0.00
DUNKIRK___115KV_TB_200 55889	75.50 -6.39 -0.97	70.21 -6.14 -1.49	70.15 -5.84 -1.13	69.70 -5.91 -0.75	75.53 -5.08 0.00	78.30 -5.26 -1.37	84.79 -5.15 -4.03	102.34 -7.47 -6.03	102.33 -7.76 -0.73	80.74 -6.34 -1.35	79.46 -7.03 -0.76	79.30 -7.65 -0.96	78.49 -7.71 -0.56	77.63 -7.89 -0.67	79.22 -7.17 -1.02	82.42 -7.18 -3.05	84.99 -7.26 -4.76	108.77 -9.44 -4.51	108.58 -9.43 -3.00	84.76 -6.54 -6.36	83.32 -7.23 -5.45	81.22 -7.32 -4.39	81.90 -6.82 -4.57	81.16 -5.78 -3.22
DUNKIRK___1 23563	75.50 -6.39 -0.97	70.21 -6.14 -1.49	70.15 -5.84 -1.13	69.70 -5.91 -0.75	75.53 -5.08 0.00	78.30 -5.26 -1.37	84.79 -5.15 -4.03	102.34 -7.47 -6.03	102.33 -7.76 -0.73	80.74 -6.34 -1.35	79.46 -7.03 -0.76	79.30 -7.65 -0.96	78.49 -7.71 -0.56	77.63 -7.89 -0.67	79.22 -7.17 -1.02	82.42 -7.18 -3.05	84.99 -7.26 -4.76	108.77 -9.44 -4.51	108.58 -9.43 -3.00	84.76 -6.54 -6.36	83.32 -7.23 -5.45	81.22 -7.32 -4.39	81.90 -6.82 -4.57	81.16 -5.78 -3.22
DUNKIRK___2 23564	75.50 -6.39 -0.97	70.21 -6.14 -1.49	70.15 -5.84 -1.13	69.70 -5.91 -0.75	75.53 -5.08 0.00	78.30 -5.26 -1.37	84.79 -5.15 -4.03	102.34 -7.47 -6.03	102.33 -7.76 -0.73	80.74 -6.34 -1.35	79.46 -7.03 -0.76	79.30 -7.65 -0.96	78.49 -7.71 -0.56	77.63 -7.89 -0.67	79.22 -7.17 -1.02	82.42 -7.18 -3.05	84.99 -7.26 -4.76	108.77 -9.44 -4.51	108.58 -9.43 -3.00	84.76 -6.54 -6.36	83.32 -7.23 -5.45	81.22 -7.32 -4.39	81.90 -6.82 -4.57	81.16 -5.78 -3.22
DUNKIRK___3 23565	75.33 -6.56 -0.96	70.04 -6.29 -1.47	69.92 -6.06 -1.12	69.47 -6.14 -0.74	75.37 -5.24 0.00	77.96 -5.59 -1.35	84.40 -5.50 -3.98	101.75 -7.99 -5.96	101.88 -8.20 -0.72	80.30 -6.77 -1.34	79.02 -7.46 -0.75	79.12 -7.83 -0.95	78.23 -7.96 -0.55	77.45 -8.06 -0.67	78.87 -7.51 -1.00	82.04 -7.53 -3.02	84.58 -7.61 -4.70	108.12 -10.01 -4.43	108.07 -9.89 -2.95	84.26 -6.96 -6.29	82.83 -7.66 -5.38	80.83 -7.66 -4.34	81.59 -7.07 -4.51	80.88 -6.03 -3.18
DUNKIRK___4 23566	75.33 -6.56 -0.96	70.04 -6.29 -1.47	69.92 -6.06 -1.12	69.47 -6.14 -0.74	75.37 -5.24 0.00	77.96 -5.59 -1.35	84.40 -5.50 -3.98	101.75 -7.99 -5.96	101.88 -8.20 -0.72	80.30 -6.77 -1.34	79.02 -7.46 -0.75	79.12 -7.83 -0.95	78.23 -7.96 -0.55	77.45 -8.06 -0.67	78.87 -7.51 -1.00	82.04 -7.53 -3.02	84.58 -7.61 -4.70	108.12 -10.01 -4.43	108.07 -9.89 -2.95	84.26 -6.96 -6.29	82.83 -7.66 -5.38	80.83 -7.66 -4.34	81.59 -7.07 -4.51	80.88 -6.03 -3.18
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	92.84 6.56 -5.36	89.16 6.06 -8.23	87.18 6.06 -6.25	85.08 6.06 -4.15	87.14 6.53 0.00	96.51 6.74 -7.57	115.46 7.22 -22.33	146.56 9.34 -33.43	123.94 10.72 -3.87	101.73 8.49 -7.52	105.06 8.66 -10.67	102.68 8.69 -7.99	100.34 8.65 -6.05	100.07 8.48 -6.74	102.76 8.54 -8.85	112.11 8.65 -16.91	124.80 8.75 -28.56	165.20 11.37 -40.13	145.94 11.39 -19.55	128.00 7.81 -35.25	122.95 7.66 -30.18	115.73 7.24 -24.35	116.52 7.07 -25.30	108.81 6.70 -18.39
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	92.25 6.15 -5.17	88.50 5.69 -7.95	86.60 5.69 -6.04	84.57 5.69 -4.01	86.66 6.05 0.00	95.92 6.41 -7.31	114.27 6.79 -21.57	144.63 8.61 -32.23	122.93 9.73 -3.84	100.44 7.46 -7.25	102.92 7.46 -9.73	100.87 7.40 -7.48	98.59 7.37 -5.58	98.30 7.21 -6.24	100.97 7.34 -8.25	110.38 7.53 -16.30	122.80 7.96 -27.35	161.85 10.35 -37.81	144.29 10.35 -18.93	125.89 6.96 -33.99	121.11 6.89 -29.11	114.11 6.48 -23.48	114.86 6.31 -24.40	107.35 5.94 -17.69

E179THST_138_KV_TB4_REV_LBMP_J 345001	93.25 6.96 -5.36	89.54 6.44 -8.24	87.57 6.44 -6.26	85.47 6.44 -4.16	87.63 7.01 -0.01	96.84 7.07 -7.58	116.24 7.99 -22.34	147.19 9.96 -33.44	124.48 11.26 -3.86	102.26 9.00 -7.53	105.50 9.09 -10.68	103.10 9.12 -7.99	100.76 9.08 -6.05	100.49 8.91 -6.73	103.27 9.05 -8.84	112.55 9.09 -16.92	125.16 9.10 -28.57	165.43 11.60 -40.14	146.40 11.85 -19.55	128.43 8.24 -35.26	123.39 8.09 -30.19	116.16 7.66 -24.36	117.12 7.66 -25.31	109.24 7.12 -18.40
E179THST_13_KV_LOAD 356214	93.58 7.28 -5.36	89.84 6.74 -8.24	87.86 6.74 -6.26	85.77 6.74 -4.16	87.96 7.34 -0.01	97.17 7.40 -7.58	116.67 8.42 -22.34	147.71 10.48 -33.44	125.03 11.81 -3.86	102.69 9.43 -7.53	106.01 9.60 -10.68	103.53 9.55 -7.99	101.19 9.51 -6.05	100.91 9.33 -6.73	103.69 9.48 -8.84	112.99 9.52 -16.92	125.69 9.62 -28.57	166.11 12.28 -40.14	147.09 12.54 -19.55	128.85 8.66 -35.26	123.81 8.51 -30.19	116.58 8.08 -24.36	117.54 8.08 -25.31	109.66 7.53 -18.40
EAST HAMPTON___GT 23717	100.13 8.90 -10.30	97.88 8.24 -14.78	90.84 8.24 -7.74	90.42 8.24 -7.32	92.39 9.03 -2.75	103.26 9.12 -11.93	131.42 10.56 -34.94	154.71 13.81 -37.11	130.00 13.89 -6.75	107.55 10.03 -11.79	112.73 9.51 -17.48	110.20 9.89 -14.31	105.68 9.50 -10.54	105.26 9.17 -11.25	109.51 9.64 -14.49	127.98 10.38 -31.05	152.36 11.20 -53.67	184.43 15.69 -55.04	180.93 15.52 -50.40	161.02 10.62 -65.47	153.32 10.12 -58.09	140.56 8.67 -47.74	125.64 9.09 -32.40	121.46 9.37 -28.36
EAST RIVER___6 23660	93.08 6.80 -5.35	89.38 6.29 -8.23	87.48 6.36 -6.25	85.38 6.36 -4.15	87.46 6.85 0.00	96.75 6.98 -7.57	115.80 7.56 -22.33	147.18 9.96 -33.43	124.81 11.59 -3.87	102.51 9.26 -7.52	105.83 9.43 -10.67	103.45 9.46 -7.99	101.11 9.42 -6.05	100.83 9.25 -6.74	103.62 9.39 -8.85	112.98 9.52 -16.91	125.51 9.45 -28.56	165.76 11.93 -40.13	146.63 12.07 -19.55	130.03 8.24 -36.86	124.85 8.17 -31.57	117.27 7.66 -25.46	118.10 7.49 -26.46	109.23 7.11 -18.39
EAST RIVER___7 23524	93.08 6.80 -5.35	89.38 6.29 -8.23	87.48 6.36 -6.25	85.38 6.36 -4.15	87.46 6.85 0.00	96.75 6.98 -7.57	115.80 7.56 -22.33	147.18 9.96 -33.43	124.81 11.59 -3.87	102.51 9.26 -7.52	105.83 9.43 -10.67	103.45 9.46 -7.99	101.11 9.42 -6.05	100.83 9.25 -6.74	103.62 9.39 -8.85	112.98 9.52 -16.91	125.51 9.45 -28.56	165.76 11.93 -40.13	146.63 12.07 -19.55	130.03 8.24 -36.86	124.85 8.17 -31.57	117.27 7.66 -25.46	118.10 7.49 -26.46	109.23 7.11 -18.39
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	92.59 6.31 -5.34	88.92 5.84 -8.21	87.02 5.91 -6.24	84.85 5.84 -4.15	86.98 6.37 0.00	96.25 6.49 -7.55	115.16 6.96 -22.29	146.19 9.03 -33.37	123.50 10.28 -3.86	101.38 8.14 -7.50	104.69 8.32 -10.64	102.32 8.34 -7.97	99.99 8.31 -6.04	99.80 8.23 -6.72	102.48 8.28 -8.83	111.74 8.31 -16.88	124.48 8.49 -28.51	164.65 10.91 -40.04	145.56 11.04 -19.51	127.68 7.56 -35.18	122.56 7.32 -30.13	115.35 6.90 -24.30	116.22 6.82 -25.26	108.53 6.45 -18.36
EAST_HAMPTON___DIESEL 23722	99.97 8.74 -10.30	97.73 8.09 -14.78	90.69 8.09 -7.74	90.27 8.09 -7.32	92.23 8.87 -2.75	103.09 8.96 -11.93	131.24 10.39 -34.94	154.49 13.59 -37.11	129.77 13.67 -6.75	107.38 9.85 -11.79	112.56 9.35 -17.48	109.94 9.63 -14.31	105.51 9.34 -10.54	105.08 8.99 -11.25	109.34 9.48 -14.49	127.72 10.12 -31.05	152.10 10.94 -53.67	184.08 15.34 -55.04	180.71 15.30 -50.40	160.77 10.36 -65.47	153.07 9.87 -58.09	140.38 8.50 -47.74	125.38 8.83 -32.40	121.29 9.21 -28.36
EAST_POINT___SOLAR 323840	94.89 6.07 -7.89	92.38 5.39 -12.12	89.39 5.32 -9.21	86.53 5.54 -6.12	86.74 6.12 0.00	99.93 6.58 -11.15	126.88 8.07 -32.90	162.64 9.65 -49.20	135.58 9.19 -17.03	102.28 5.49 -11.06	92.55 4.11 -2.71	95.28 2.93 -6.36	91.25 2.66 -2.95	91.85 3.14 -3.87	95.42 3.50 -6.54	117.23 5.80 -24.88	132.54 7.43 -37.62	163.03 11.03 -38.31	163.82 11.50 -37.31	144.47 7.90 -51.64	137.07 7.74 -44.22	127.31 7.49 -35.67	128.20 6.98 -37.07	116.02 6.53 -25.77
EAST_PULASKI___ESR 323781	79.71 -1.62 -0.40	73.98 -1.50 -0.62	73.76 -1.58 -0.47	73.46 -1.72 -0.31	78.68 -1.94 0.00	81.37 -1.40 -0.57	86.38 -1.20 -1.67	104.50 -1.87 -2.58	107.28 -2.08 0.00	84.68 -1.63 -0.58	84.35 -1.54 -0.16	84.80 -1.55 -0.34	84.17 -1.63 -0.16	83.36 -1.70 -0.21	84.20 -1.53 -0.35	86.21 -1.65 -1.30	87.80 -1.67 -1.98	113.80 -1.93 -2.04	114.33 -1.96 -1.28	86.16 -1.53 -2.75	85.85 -1.62 -2.36	84.54 -1.51 -1.90	84.44 -1.68 -1.98	83.42 -1.67 -1.37
EAST_RIVER___1 323558	93.16 6.88 -5.35	89.53 6.44 -8.23	87.56 6.44 -6.25	85.46 6.44 -4.15	87.55 6.93 0.00	96.84 7.07 -7.57	115.88 7.64 -22.33	147.18 9.96 -33.43	124.60 11.37 -3.87	102.25 9.00 -7.52	105.66 9.26 -10.67	103.29 9.29 -7.99	100.95 9.25 -6.05	100.67 9.08 -6.74	103.45 9.22 -8.85	112.72 9.27 -16.91	125.32 9.27 -28.56	165.76 11.93 -40.13	146.52 11.96 -19.55	129.95 8.15 -36.86	124.77 8.09 -31.57	117.19 7.58 -25.46	118.10 7.49 -26.46	109.23 7.11 -18.39
EAST_RIVER___2 323559	93.08 6.80 -5.35	89.38 6.29 -8.23	87.48 6.36 -6.25	85.38 6.36 -4.15	87.46 6.85 0.00	96.75 6.98 -7.57	115.80 7.56 -22.33	147.18 9.96 -33.43	124.81 11.59 -3.87	102.51 9.26 -7.52	105.83 9.43 -10.67	103.45 9.46 -7.99	101.11 9.42 -6.05	100.83 9.25 -6.74	103.62 9.39 -8.85	112.98 9.52 -16.91	125.51 9.45 -28.56	165.76 11.93 -40.13	146.63 12.07 -19.55	130.03 8.24 -36.86	124.85 8.17 -31.57	117.27 7.66 -25.46	118.10 7.49 -26.46	109.23 7.11 -18.39
EAST___DELAWARE_HYD 23607	92.30 6.48 -4.89	88.44 6.06 -7.52	86.49 5.91 -5.71	84.65 5.99 -3.80	86.90 6.29 0.00	96.10 6.98 -6.91	113.88 7.56 -20.40	143.72 9.44 -30.49	123.46 10.28 -3.82	100.04 7.45 -6.86	101.21 7.20 -8.28	99.57 6.88 -6.69	97.35 6.85 -4.86	97.02 6.70 -5.47	99.64 6.91 -7.35	109.41 7.44 -15.42	121.27 8.22 -25.56	159.01 11.03 -34.29	143.88 10.81 -18.07	125.45 7.14 -33.38	120.92 7.23 -28.59	113.94 6.73 -23.06	114.50 6.39 -23.96	106.41 6.03 -16.66
EIGHT_POINT___WT_PWR 323820	77.68 -4.45 -1.20	72.37 -4.34 -1.85	72.37 -3.90 -1.40	71.53 -4.26 -0.93	77.39 -3.23 0.00	80.69 -3.21 -1.70	88.35 -2.58 -5.01	107.13 -4.15 -7.50	106.36 -3.93 -0.93	83.22 -4.20 -1.69	81.97 -4.72 -0.95	82.20 -4.99 -1.19	81.46 -4.88 -0.70	80.60 -5.09 -0.84	81.61 -5.04 -1.27	85.84 -4.50 -3.79	89.91 -3.50 -5.92	115.85 -4.09 -6.25	115.47 -3.68 -4.15	89.90 -3.05 -8.02	89.34 -2.64 -6.87	87.33 -2.36 -5.54	87.64 -2.27 -5.76	86.13 -1.59 -4.00
ELBRIDGE_115KV_TB2 80188	81.29 -0.32 -0.69	75.55 -0.37 -1.06	75.29 -0.37 -0.80	75.02 -0.37 -0.53	80.37 -0.24 0.00	83.25 0.08 -0.97	89.30 0.52 -2.87	108.49 0.42 -4.29	109.58 0.22 0.00	86.87 0.17 -0.96	86.27 0.00 -0.54	86.68 0.00 -0.68	86.04 0.00 -0.40	85.15 -0.17 -0.48	86.10 0.00 -0.72	88.81 0.09 -2.18	91.06 0.17 -3.39	117.87 0.34 -3.83	117.60 0.46 -2.13	89.72 0.25 -4.53	88.99 0.00 -3.88	87.20 -0.08 -3.13	87.24 -0.17 -3.26	86.02 0.00 -2.29
ELEC_TRO_TEK 24086	130.56 8.09 -41.54	103.68 7.49 -21.33	99.39 7.56 -16.97	98.26 7.49 -15.91	99.76 8.14 -11.01	106.81 8.30 -16.30	138.83 9.02 -43.90	169.02 11.42 -53.81	147.02 12.69 -24.97	134.60 10.03 -38.84	156.28 10.03 -60.52	150.31 10.06 -54.25	134.55 10.02 -38.89	134.43 9.84 -39.74	145.41 9.90 -50.13	160.00 10.13 -63.32	166.46 10.32 -68.64	196.03 13.19 -69.15	191.77 13.34 -63.42	185.14 9.26 -90.95	160.48 9.11 -66.27	154.26 8.67 -61.45	157.39 8.67 -64.58	132.85 8.29 -40.84

ELLENBURG_WT_PWR 323604	79.87 -1.05 0.00	73.97 -0.90 0.00	73.97 -0.90 0.00	74.04 -0.82 0.00	79.56 -1.05 0.00	80.47 -1.73 0.00	83.25 -2.66 0.00	100.88 -2.91 0.00	105.32 -4.04 0.00	83.16 -2.57 0.00	83.07 -2.66 0.00	83.50 -2.50 0.00	83.15 -2.49 0.00	82.56 -2.29 0.00	82.90 -2.48 0.00	83.87 -2.68 0.00	85.04 -2.45 0.00	110.29 -3.41 0.00	111.56 -3.45 0.00	83.07 -1.87 0.00	83.32 -1.79 0.00	82.72 -1.43 0.00	82.72 -1.43 0.00	82.88 -0.84 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	74.98 -6.88 -0.93	69.70 -6.59 -1.43	69.59 -6.36 -1.08	69.07 -6.51 -0.72	74.49 -6.13 0.00	77.35 -6.16 -1.31	83.51 -6.27 -3.87	100.54 -9.03 -5.79	100.33 -9.73 -0.70	79.40 -7.63 -1.30	78.23 -8.23 -0.73	78.58 -8.34 -0.92	77.78 -8.39 -0.54	76.92 -8.57 -0.65	78.07 -8.28 -0.98	81.17 -8.31 -2.93	83.57 -8.49 -4.57	106.79 -11.14 -4.23	106.67 -11.16 -2.82	83.23 -7.81 -6.11	81.91 -8.43 -5.23	79.87 -8.50 -4.22	80.79 -7.74 -4.38	80.20 -6.61 -3.09
EMPIRE_CC_1 323656	91.50 3.72 -6.85	88.90 3.52 -10.52	86.45 3.59 -7.99	83.77 3.59 -5.31	84.48 3.87 0.00	95.82 3.95 -9.67	118.33 3.87 -28.55	150.94 4.46 -42.69	121.59 5.03 -7.19	99.28 3.95 -9.60	92.35 3.95 -2.68	95.70 4.04 -5.65	92.37 4.03 -2.71	92.26 3.91 -3.51	95.23 4.01 -5.84	112.21 4.07 -21.59	124.10 3.85 -32.76	152.26 4.77 -33.80	146.40 4.83 -26.56	132.57 3.48 -44.15	126.41 3.49 -37.81	118.10 3.45 -30.50	119.54 3.70 -31.69	109.27 3.52 -22.03
EMPIRE_CC_2 323658	91.50 3.72 -6.85	88.90 3.52 -10.52	86.45 3.59 -7.99	83.77 3.59 -5.31	84.48 3.87 0.00	95.82 3.95 -9.67	118.33 3.87 -28.55	150.94 4.46 -42.69	121.59 5.03 -7.19	99.28 3.95 -9.60	92.35 3.95 -2.68	95.70 4.04 -5.65	92.37 4.03 -2.71	92.26 3.91 -3.51	95.23 4.01 -5.84	112.21 4.07 -21.59	124.10 3.85 -32.76	152.26 4.77 -33.80	146.40 4.83 -26.56	132.57 3.48 -44.15	126.41 3.49 -37.81	118.10 3.45 -30.50	119.54 3.70 -31.69	109.27 3.52 -22.03
ENORWICH_115KV_TB1 80156	88.77 6.07 -1.77	83.58 5.99 -2.73	82.48 5.54 -2.07	81.86 5.61 -1.38	87.30 6.69 0.00	92.76 8.06 -2.51	102.84 9.54 -7.40	125.64 10.79 -11.06	122.84 11.59 -1.89	95.85 7.63 -2.49	94.52 7.37 -1.41	95.16 7.40 -1.76	93.52 6.85 -1.03	93.13 7.04 -1.24	94.68 7.43 -1.87	100.37 8.22 -5.59	104.97 8.75 -8.73	135.77 12.28 -9.80	134.52 12.65 -6.86	106.03 9.43 -11.66	104.03 8.94 -9.99	100.37 8.16 -8.06	100.26 7.74 -8.37	97.33 7.70 -5.90
ERIE_ST__34_KV_TB1-2 80199	74.69 -7.20 -0.96	69.46 -6.89 -1.48	69.33 -6.66 -1.13	68.80 -6.81 -0.75	76.26 -4.35 0.00	77.07 -6.49 -1.36	83.40 -6.53 -4.02	100.56 -9.24 -6.01	102.33 -7.76 -0.73	79.37 -7.72 -1.35	78.17 -8.32 -0.76	78.53 -8.43 -0.96	77.81 -8.39 -0.56	76.95 -8.57 -0.67	78.11 -8.28 -1.01	81.29 -8.31 -3.04	83.75 -8.49 -4.75	107.29 -10.91 -4.51	106.97 -11.04 -3.00	83.38 -7.90 -6.35	82.03 -8.51 -5.44	79.95 -8.58 -4.38	80.79 -7.91 -4.56	80.15 -6.78 -3.21
ERIE_WT_PWR 323693	75.16 -6.72 -0.95	69.96 -6.36 -1.46	69.76 -6.21 -1.11	69.31 -6.29 -0.74	75.21 -5.40 0.00	77.62 -5.92 -1.34	83.86 -6.02 -3.96	101.00 -8.72 -5.93	101.44 -8.64 -0.72	79.52 -7.54 -1.33	78.51 -7.97 -0.75	78.86 -8.09 -0.94	78.05 -8.14 -0.55	77.28 -8.23 -0.66	78.35 -8.03 -1.00	81.85 -7.70 -3.00	84.04 -8.13 -4.68	107.30 -10.80 -4.41	107.14 -10.82 -2.94	82.96 -8.32 -6.34	82.37 -8.17 -5.43	80.37 -8.16 -4.38	81.21 -7.49 -4.55	80.52 -6.37 -3.16
ESPRGFLD_115KV_TB1 80157	84.17 3.24 0.00	77.86 2.99 0.00	77.78 2.92 0.00	77.86 2.99 0.00	84.16 3.55 0.00	86.23 4.03 0.00	90.98 5.07 0.00	109.60 5.81 0.00	128.06 6.12 -12.57	89.67 3.94 0.00	89.07 3.34 0.00	89.27 3.27 0.00	88.72 3.08 0.00	87.98 3.14 0.00	88.79 3.42 0.00	90.62 4.07 0.00	92.30 4.81 0.00	120.70 7.05 0.05	131.72 7.25 -9.46	90.03 5.10 0.00	89.87 4.77 0.00	88.61 4.46 0.00	88.19 4.04 0.00	87.41 3.68 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	84.00 1.78 -1.29	78.35 1.50 -1.99	77.87 1.50 -1.51	77.29 1.42 -1.00	82.63 2.02 0.00	86.41 2.38 -1.83	94.39 3.09 -5.39	115.37 3.53 -8.05	114.05 3.61 -1.08	90.03 2.49 -1.81	88.98 2.23 -1.02	89.43 2.15 -1.28	88.53 2.14 -0.75	87.70 1.95 -0.90	88.96 2.22 -1.36	93.14 2.51 -4.08	96.56 2.71 -6.36	124.70 3.87 -7.14	123.81 4.03 -4.78	96.24 2.80 -8.50	94.85 2.47 -7.28	92.29 2.27 -5.87	92.35 2.10 -6.10	90.28 2.26 -4.30
ETNA____115KV_TB2 80207	84.00 1.78 -1.29	78.35 1.50 -1.99	77.87 1.50 -1.51	77.29 1.42 -1.00	82.63 2.02 0.00	86.41 2.38 -1.83	94.39 3.09 -5.39	115.37 3.53 -8.05	114.05 3.61 -1.08	90.03 2.49 -1.81	88.98 2.23 -1.02	89.43 2.15 -1.28	88.53 2.14 -0.75	87.70 1.95 -0.90	88.96 2.22 -1.36	93.14 2.51 -4.08	96.56 2.71 -6.36	124.70 3.87 -7.14	123.81 4.03 -4.78	96.24 2.80 -8.50	94.85 2.47 -7.28	92.29 2.27 -5.87	92.35 2.10 -6.10	90.28 2.26 -4.30
EUCLID____115KV_TB2 356179	79.98 -1.46 -0.51	74.22 -1.42 -0.78	74.03 -1.42 -0.59	73.84 -1.42 -0.39	79.08 -1.53 0.00	81.76 -1.15 -0.72	87.16 -0.86 -2.11	105.70 -1.25 -3.16	107.83 -1.53 0.00	85.41 -1.03 -0.71	84.73 -1.20 -0.20	85.21 -1.20 -0.42	84.64 -1.20 -0.20	83.75 -1.36 -0.26	84.62 -1.20 -0.43	87.03 -1.13 -1.60	88.79 -1.14 -2.43	114.84 -1.36 -2.51	115.20 -1.38 -1.57	87.17 -1.10 -3.34	86.69 -1.28 -2.86	85.11 -1.35 -2.31	85.12 -1.43 -2.40	84.07 -1.34 -1.69
E_CANADA_CAP_HY 24051	93.24 4.13 -8.19	91.11 3.67 -12.58	88.02 3.59 -9.56	84.96 3.74 -6.35	84.80 4.19 0.00	98.45 4.68 -11.57	125.90 5.84 -34.14	161.59 6.74 -51.06	131.95 6.67 -15.92	101.24 4.03 -11.48	91.75 3.08 -2.94	95.58 2.93 -6.65	91.50 2.74 -3.12	91.81 2.89 -4.07	95.55 3.33 -6.85	116.53 4.15 -25.82	131.92 5.34 -39.09	161.73 8.07 -39.96	160.69 8.29 -37.40	144.27 5.69 -53.64	136.49 5.45 -45.94	126.59 5.39 -37.05	127.62 4.96 -38.51	115.00 4.52 -26.76
E_CANADA_MHWK_HY 24050	84.00 3.07 0.00	77.71 2.84 0.00	77.56 2.69 0.00	77.56 2.69 0.00	83.60 2.98 0.00	85.49 3.29 0.00	89.60 3.69 0.00	107.94 4.16 0.00	114.06 4.70 0.00	89.41 3.68 0.00	89.59 3.86 0.00	89.96 3.96 0.00	89.50 3.86 0.00	88.57 3.73 0.00	89.22 3.85 0.00	90.35 3.80 0.00	91.43 3.94 0.00	118.93 5.23 0.00	120.30 5.29 0.00	89.01 4.08 0.00	89.28 4.17 0.00	88.44 4.29 0.00	88.61 4.46 0.00	88.24 4.52 0.00
E_FISHKILL____LBMP 23776	92.21 5.83 -5.46	88.64 5.39 -8.38	86.70 5.47 -6.37	84.49 5.39 -4.23	86.50 5.88 0.00	95.91 6.00 -7.71	115.10 6.44 -22.75	146.02 8.20 -34.03	122.59 9.30 -3.94	100.76 7.37 -7.65	104.24 7.54 -10.96	101.75 7.57 -8.18	99.39 7.54 -6.21	99.13 7.38 -6.91	101.95 7.51 -9.06	111.29 7.53 -17.21	124.22 7.61 -29.11	164.60 9.89 -41.02	144.91 10.01 -19.90	127.53 6.71 -35.88	122.47 6.64 -30.73	115.25 6.31 -24.79	116.13 6.23 -25.76	108.32 5.86 -18.73
FALCON____SEABRD_CC1 323796	80.69 -0.24 0.00	74.79 -0.07 0.00	74.79 -0.07 0.00	74.87 0.00 0.00	80.45 -0.16 0.00	81.30 -0.90 0.00	83.68 -2.23 0.00	101.40 -2.38 0.00	105.21 -4.16 0.00	83.59 -2.14 0.00	83.59 -2.14 0.00	83.94 -2.06 0.00	83.58 -2.06 0.00	82.98 -1.87 0.00	83.33 -2.05 0.00	84.39 -2.16 0.00	85.56 -1.93 0.00	110.96 -2.73 0.00	112.25 -2.76 0.00	83.66 -1.27 0.00	83.92 -1.19 0.00	83.31 -0.84 0.00	83.31 -0.84 0.00	83.89 0.17 0.00

FALCON___SEABRD_CC2 323797	80.69 -0.24 0.00	74.79 -0.07 0.00	74.79 -0.07 0.00	74.87 0.00 0.00	80.45 -0.16 0.00	81.30 -0.90 0.00	83.68 -2.23 0.00	101.40 -2.38 0.00	105.21 -4.16 0.00	83.59 -2.14 0.00	83.59 -2.14 0.00	83.94 -2.06 0.00	83.58 -2.06 0.00	82.98 -1.87 0.00	83.33 -2.05 0.00	84.39 -2.16 0.00	85.56 -1.93 0.00	110.96 -2.73 0.00	112.25 -2.76 0.00	83.66 -1.27 0.00	83.92 -1.19 0.00	83.31 -0.84 0.00	83.31 -0.84 0.00	83.89 0.17 0.00
FAR ROCKAWAY___4 23548	179.91 9.47 -89.51	118.83 8.61 -35.36	113.91 8.68 -30.36	113.32 8.61 -29.85	114.13 9.35 -24.17	117.48 9.62 -25.67	163.97 10.57 -67.50	197.02 12.87 -80.36	176.31 14.00 -52.95	177.24 11.14 -80.36	223.31 10.97 -126.60	212.49 10.92 -115.57	178.93 10.88 -82.41	179.12 10.78 -83.50	201.08 10.84 -104.86	218.71 11.34 -120.82	210.68 11.55 -111.64	230.66 15.01 -101.96	238.93 15.18 -108.74	249.49 10.62 -153.94	198.44 10.38 -102.95	195.82 9.93 -101.74	210.26 9.76 -116.35	160.47 9.71 -67.04
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	93.24 6.96 -5.36	89.53 6.44 -8.23	87.63 6.51 -6.25	85.46 6.44 -4.15	87.63 7.01 0.00	96.92 7.15 -7.57	115.89 7.65 -22.33	147.18 9.96 -33.43	124.71 11.48 -3.87	102.42 9.17 -7.52	105.66 9.26 -10.67	103.28 9.29 -7.99	100.94 9.25 -6.05	100.66 9.08 -6.74	103.45 9.22 -8.85	112.72 9.26 -16.91	125.33 9.27 -28.56	165.77 11.94 -40.13	146.63 12.08 -19.55	128.50 8.32 -35.25	123.46 8.17 -30.18	116.15 7.66 -24.35	117.02 7.57 -25.30	109.23 7.12 -18.39
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	93.24 6.96 -5.36	89.53 6.44 -8.23	87.63 6.51 -6.25	85.46 6.44 -4.15	87.63 7.01 0.00	96.92 7.15 -7.57	115.89 7.65 -22.33	147.18 9.96 -33.43	124.71 11.48 -3.87	102.42 9.17 -7.52	105.66 9.26 -10.67	103.28 9.29 -7.99	100.94 9.25 -6.05	100.66 9.08 -6.74	103.45 9.22 -8.85	112.72 9.26 -16.91	125.42 9.36 -28.56	165.77 11.94 -40.13	146.63 12.08 -19.55	128.50 8.32 -35.25	123.46 8.17 -30.18	116.15 7.66 -24.35	117.02 7.57 -25.30	109.32 7.20 -18.39
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	93.16 6.88 -5.36	89.53 6.44 -8.23	87.56 6.44 -6.25	85.46 6.44 -4.15	87.63 7.01 0.00	96.84 7.07 -7.57	115.80 7.56 -22.33	147.08 9.86 -33.43	124.60 11.37 -3.87	102.33 9.09 -7.52	105.66 9.26 -10.67	103.28 9.29 -7.99	100.86 9.16 -6.05	100.66 9.08 -6.74	103.36 9.14 -8.85	112.63 9.17 -16.91	125.33 9.27 -28.56	165.65 11.82 -40.13	146.52 11.96 -19.55	128.42 8.24 -35.25	123.38 8.09 -30.18	116.07 7.57 -24.35	117.02 7.57 -25.30	109.23 7.12 -18.39
FARRAGUT___LBMP 323566	93.16 6.88 -5.36	89.46 6.36 -8.23	87.56 6.44 -6.25	85.38 6.36 -4.15	87.54 6.93 0.00	96.84 7.07 -7.57	115.80 7.56 -22.33	146.98 9.76 -33.43	124.49 11.26 -3.87	102.25 9.00 -7.52	105.57 9.17 -10.67	103.20 9.20 -7.99	100.77 9.08 -6.05	100.58 8.99 -6.74	103.27 9.05 -8.85	112.55 9.09 -16.91	125.24 9.19 -28.56	165.54 11.71 -40.13	146.40 11.85 -19.55	128.33 8.15 -35.25	123.29 8.00 -30.18	115.99 7.49 -24.35	116.94 7.49 -25.30	109.15 7.03 -18.39
FENNER___WINDPWR 24204	83.50 1.86 -0.71	77.75 1.79 -1.09	77.41 1.72 -0.83	77.06 1.64 -0.55	82.70 2.09 0.00	85.83 2.63 -1.00	92.04 3.18 -2.95	111.82 3.63 -4.41	113.81 3.93 -0.52	89.38 2.66 -0.99	88.94 2.66 -0.55	89.28 2.58 -0.70	88.53 2.49 -0.41	87.80 2.46 -0.49	88.77 2.65 -0.74	91.63 2.85 -2.23	93.85 2.88 -3.47	121.46 3.87 -3.90	121.37 3.79 -2.57	92.28 2.64 -4.71	91.69 2.55 -4.03	89.75 2.35 -3.25	89.71 2.18 -3.38	88.24 2.17 -2.35
FIBERTEK___ENERGY 23856	81.48 -0.08 -0.63	75.61 -0.22 -0.97	75.38 -0.22 -0.74	75.13 -0.22 -0.49	80.45 -0.16 0.00	83.34 0.25 -0.90	89.16 0.60 -2.64	108.36 0.62 -3.95	109.80 0.44 0.00	87.05 0.43 -0.89	86.40 0.17 -0.49	86.80 0.17 -0.63	86.26 0.26 -0.36	85.29 0.00 -0.44	86.21 0.17 -0.67	88.81 0.26 -2.01	90.97 0.35 -3.13	117.80 0.57 -3.53	117.66 0.69 -1.97	89.54 0.42 -4.18	88.86 0.17 -3.58	87.12 0.08 -2.89	87.15 0.00 -3.00	85.92 0.08 -2.11
FITZPATRICK____ 23598	78.32 -2.91 -0.31	72.57 -2.77 -0.47	72.45 -2.77 -0.36	72.33 -2.77 -0.24	77.63 -2.98 0.00	79.83 -2.80 -0.43	84.43 -2.75 -1.27	102.27 -3.42 -1.91	105.53 -3.83 0.00	83.24 -2.92 -0.43	82.93 -2.92 -0.12	83.33 -2.92 -0.25	82.85 -2.91 -0.12	82.03 -2.97 -0.16	82.74 -2.90 -0.26	84.57 -2.94 -0.97	85.98 -2.97 -1.46	111.48 -3.75 -1.53	112.18 -3.79 -0.96	84.00 -2.98 -2.04	83.87 -2.98 -1.75	82.61 -2.95 -1.41	82.66 -2.95 -1.46	81.81 -2.93 -1.02
FLOWRFLD_69_KV_BK1 356044	101.05 9.63 -10.49	98.60 8.91 -14.82	91.58 8.91 -7.80	91.15 8.91 -7.37	93.17 9.75 -2.80	104.11 9.95 -11.96	132.07 11.17 -34.99	155.12 14.12 -37.21	130.87 14.65 -6.86	108.92 11.23 -11.96	114.79 11.32 -17.74	111.99 11.44 -14.55	107.57 11.22 -10.71	107.12 10.86 -11.42	111.35 11.27 -14.70	129.74 11.94 -31.24	153.76 12.51 -53.75	185.42 16.60 -55.12	182.27 16.79 -50.47	160.58 11.64 -64.01	153.27 11.40 -56.76	141.46 10.60 -46.71	126.11 10.52 -31.44	122.29 10.13 -28.43
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	93.33 7.04 -5.36	89.62 6.51 -8.24	87.57 6.44 -6.26	85.46 6.44 -4.16	87.54 6.93 0.00	97.18 7.40 -7.58	116.09 7.82 -22.37	147.09 9.86 -33.44	124.37 11.05 -3.96	101.74 8.49 -7.52	104.59 8.49 -10.37	102.13 8.26 -7.87	99.78 8.22 -5.92	99.59 8.15 -6.60	102.36 8.28 -8.70	111.95 8.48 -16.91	124.97 9.01 -28.47	165.18 11.82 -39.67	146.48 11.85 -19.63	128.26 8.07 -35.26	123.22 7.91 -30.19	115.99 7.49 -24.36	116.70 7.24 -25.31	109.04 6.95 -18.37
FORT ORANGE____ 23900	91.62 3.72 -6.97	88.95 3.37 -10.71	86.38 3.37 -8.14	83.65 3.37 -5.41	84.48 3.87 0.00	95.91 3.86 -9.85	118.16 3.18 -29.06	150.67 3.42 -43.47	123.31 4.15 -9.79	98.84 3.34 -9.77	91.27 3.34 -2.20	94.80 3.27 -5.54	91.33 3.17 -2.51	91.31 3.14 -3.32	93.96 2.90 -5.68	111.22 2.69 -21.98	123.20 2.54 -33.17	151.30 3.87 -33.74	148.17 3.68 -29.48	133.09 2.64 -45.52	126.82 2.72 -38.99	118.46 2.86 -31.45	120.11 3.28 -32.68	110.46 4.02 -22.71
FORT_DRUM_COGEN 23780	81.21 0.00 -0.28	75.45 0.15 -0.44	75.05 -0.15 -0.33	74.79 -0.30 -0.22	80.37 -0.24 0.00	83.26 0.66 -0.40	88.12 1.03 -1.18	108.56 3.01 -1.77	112.64 3.28 0.00	87.50 1.37 -0.40	87.56 1.71 -0.11	87.78 1.55 -0.23	86.93 1.20 -0.10	86.67 1.70 -0.12	87.29 1.71 -0.21	89.56 2.25 -0.76	90.84 2.19 -1.16	118.19 3.30 -1.20	119.11 3.22 -0.88	89.16 2.63 -1.59	89.03 2.55 -1.36	87.52 2.27 -1.10	86.89 1.60 -1.14	85.95 1.42 -0.81
FOX_HILLS___ESR 323835	107.72 7.61 -19.19	107.69 7.11 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	106.93 7.82 -18.50	107.89 7.89 -17.80	116.50 8.25 -22.34	164.27 10.59 -49.89	147.33 11.92 -26.04	198.02 9.43 -102.85	117.37 9.52 -22.12	122.66 9.55 -27.11	121.73 9.42 -26.67	121.84 9.33 -27.66	121.60 9.48 -26.74	121.31 9.61 -25.16	285.41 9.89 -188.03	313.39 12.51 -187.19	322.52 12.77 -194.75	304.31 8.92 -210.46	285.45 8.77 -191.57	217.03 8.41 -124.47	117.71 8.25 -25.31	119.69 7.87 -28.10
FPL FAR_ROCK_GT1 24212	179.91 9.46 -89.52	118.83 8.61 -35.36	113.90 8.68 -30.36	113.32 8.61 -29.85	114.13 9.35 -24.17	117.48 9.61 -25.67	163.88 10.48 -67.50	197.44 13.29 -80.36	177.07 14.76 -52.95	177.07 10.98 -80.36	223.31 10.98 -126.60	212.49 10.92 -115.57	178.93 10.88 -82.41	179.12 10.78 -83.50	201.08 10.84 -104.86	218.71 11.34 -120.82	210.68 11.55 -111.64	230.66 15.01 -101.96	238.93 15.18 -108.74	250.94 10.44 -155.56	199.82 10.38 -104.33	196.93 9.92 -102.86	211.92 10.26 -117.51	160.46 9.71 -67.04

FPL_FAR_ROCK_GT2 23815	179.91 9.46 -89.52	118.83 8.61 -35.36	113.90 8.68 -30.36	113.32 8.61 -29.85	114.13 9.35 -24.17	117.48 9.61 -25.67	163.88 10.48 -67.50	197.44 13.29 -80.36	177.07 14.76 -52.95	177.07 10.98 -80.36	223.31 10.98 -126.60	212.49 10.92 -115.57	178.93 10.88 -82.41	179.12 10.78 -83.50	201.08 10.84 -104.86	218.71 11.34 -120.82	210.68 11.55 -111.64	230.66 15.01 -101.96	238.93 15.18 -108.74	250.94 10.44 -155.56	199.82 10.38 -104.33	196.93 9.92 -102.86	211.92 10.26 -117.51	160.46 9.71 -67.04
FRANKLIN_FALL_HYD 24054	80.36 -0.57 0.00	74.49 -0.37 0.00	74.49 -0.37 0.00	74.49 -0.37 0.00	80.13 -0.48 0.00	80.72 -1.48 0.00	83.51 -2.41 0.00	101.40 -2.39 0.00	105.86 -3.50 0.00	83.24 -2.49 0.00	83.42 -2.31 0.00	83.85 -2.15 0.00	83.50 -2.14 0.00	83.06 -1.78 0.00	83.24 -2.13 0.00	84.30 -2.25 0.00	85.39 -2.10 0.00	110.62 -3.07 0.00	112.02 -2.99 0.00	83.15 -1.78 0.00	84.00 -1.11 0.00	83.56 -0.59 0.00	83.48 -0.67 0.00	83.47 -0.25 0.00
FREEPORT_EQUS_GT1 23764	125.65 8.82 -35.89	104.52 8.09 -21.57	98.75 8.09 -15.80	98.12 8.09 -15.17	99.64 8.79 -10.24	107.63 8.96 -16.47	139.70 9.70 -44.09	166.58 11.83 -50.96	144.70 13.67 -21.68	130.31 10.63 -33.95	149.10 10.63 -52.74	143.69 10.66 -47.03	129.93 10.53 -33.76	129.87 10.43 -34.59	139.65 10.58 -43.69	156.49 10.99 -58.95	167.95 10.85 -69.61	196.43 14.10 -68.64	194.98 14.26 -65.72	186.29 9.76 -91.59	164.77 9.70 -69.96	156.42 9.17 -63.10	153.56 9.59 -59.82	132.64 9.04 -39.88
FREEPORT___CT2 23818	125.65 8.82 -35.89	104.52 8.09 -21.57	98.75 8.09 -15.80	98.12 8.09 -15.17	99.64 8.79 -10.24	107.63 8.96 -16.47	139.70 9.70 -44.09	166.58 11.83 -50.96	144.70 13.67 -21.68	130.31 10.63 -33.95	149.10 10.63 -52.74	143.69 10.66 -47.03	129.93 10.53 -33.76	129.87 10.43 -34.59	139.65 10.58 -43.69	156.49 10.99 -58.95	167.95 10.85 -69.61	196.43 14.10 -68.64	194.98 14.26 -65.72	186.29 9.76 -91.59	164.77 9.70 -69.96	156.42 9.17 -63.10	153.56 9.59 -59.82	132.64 9.04 -39.88
FRESHKLS_33_KV_LOAD 356253	107.72 7.61 -19.19	107.77 7.19 -25.71	106.99 7.34 -24.78	106.99 7.34 -24.78	107.01 7.90 -18.50	107.97 7.97 -17.80	116.50 8.25 -22.34	164.06 10.38 -49.89	147.22 11.81 -26.04	197.76 9.17 -102.85	117.11 9.26 -22.12	122.40 9.29 -27.11	121.48 9.16 -26.67	121.59 9.08 -27.66	121.34 9.22 -26.74	121.05 9.35 -25.16	285.32 9.80 -188.03	313.17 12.28 -187.19	322.29 12.54 -194.75	304.14 8.75 -210.46	285.28 8.60 -191.57	216.95 8.33 -124.47	117.62 8.16 -25.31	119.69 7.87 -28.10
FULTON COGEN____ 23766	79.34 -2.02 -0.44	73.52 -2.02 -0.67	73.43 -1.95 -0.51	73.18 -2.02 -0.34	78.44 -2.18 0.00	81.01 -1.81 -0.62	86.19 -1.55 -1.82	104.44 -2.08 -2.73	106.96 -2.41 0.00	84.54 -1.80 -0.61	84.02 -1.89 -0.17	84.47 -1.89 -0.36	83.93 -1.88 -0.17	83.12 -1.95 -0.23	83.88 -1.88 -0.38	86.12 -1.82 -1.39	87.76 -1.84 -2.11	113.71 -2.16 -2.18	114.18 -2.19 -1.36	86.14 -1.70 -2.90	85.72 -1.87 -2.48	84.22 -1.94 -2.00	84.21 -2.02 -2.08	83.18 -2.01 -1.47
FULTON___LFGE 323630	94.32 5.58 -7.81	91.81 4.94 -12.00	88.85 4.86 -9.12	85.94 5.02 -6.06	86.17 5.56 0.00	99.16 5.92 -11.04	125.71 7.22 -32.58	161.03 8.51 -48.73	135.20 8.54 -17.31	102.34 5.66 -10.96	93.09 4.71 -2.65	96.67 4.38 -6.28	92.83 4.28 -2.91	92.98 4.32 -3.82	96.61 4.78 -6.46	116.81 5.62 -24.64	131.48 6.74 -37.25	161.47 9.89 -37.89	162.53 10.23 -37.29	143.20 7.14 -51.13	135.79 6.89 -43.79	126.20 6.73 -35.32	127.17 6.31 -36.71	115.18 5.94 -25.51
G.F.CEMENT___DRP 24184	94.49 6.31 -7.25	91.61 5.61 -11.13	88.94 5.61 -8.46	86.18 5.69 -5.62	86.90 6.29 0.00	98.93 6.49 -10.24	123.60 7.47 -30.22	158.21 9.24 -45.19	136.66 9.62 -17.68	103.09 7.20 -10.16	94.65 6.52 -2.41	98.08 6.28 -5.81	94.56 6.25 -2.67	94.55 6.19 -3.51	97.92 6.57 -5.96	116.24 6.84 -22.85	129.81 7.79 -34.53	159.59 10.80 -35.09	161.68 10.93 -35.75	140.30 7.73 -47.63	133.39 7.49 -40.79	124.12 7.07 -32.90	125.24 6.90 -34.19	113.86 6.53 -23.61
GARDENVILLE___LBMP 24039	75.00 -6.88 -0.95	69.81 -6.51 -1.45	69.68 -6.29 -1.10	69.16 -6.44 -0.73	74.89 -5.72 0.00	77.45 -6.08 -1.34	83.67 -6.19 -3.95	100.86 -8.82 -5.90	100.89 -9.19 -0.72	79.60 -7.46 -1.33	78.33 -8.14 -0.75	78.68 -8.26 -0.94	77.97 -8.22 -0.55	77.11 -8.40 -0.66	78.26 -8.11 -0.99	81.40 -8.14 -2.99	83.84 -8.31 -4.66	107.15 -10.91 -4.37	106.99 -10.93 -2.91	83.52 -7.64 -6.22	82.18 -8.26 -5.33	80.12 -8.33 -4.30	80.96 -7.66 -4.47	80.43 -6.45 -3.15
GARDNVLA_35_KV_LD 355827	75.25 -6.64 -0.95	70.04 -6.29 -1.46	69.84 -6.14 -1.11	69.39 -6.21 -0.74	75.21 -5.40 0.00	77.71 -5.84 -1.35	83.95 -5.93 -3.97	101.11 -8.61 -5.94	101.22 -8.86 -0.72	79.78 -7.29 -1.33	78.59 -7.89 -0.75	78.95 -8.00 -0.94	78.23 -7.96 -0.55	77.36 -8.15 -0.66	78.52 -7.85 -1.00	81.68 -7.88 -3.01	84.13 -8.05 -4.69	107.55 -10.57 -4.43	107.38 -10.58 -2.95	83.81 -7.39 -6.27	82.47 -8.00 -5.37	80.40 -8.08 -4.33	81.24 -7.41 -4.50	80.61 -6.28 -3.17
GELCKHM___115KV_LOAD 80723	80.51 -0.97 -0.55	74.74 -0.97 -0.85	74.54 -0.97 -0.65	74.32 -0.97 -0.43	79.56 -1.05 0.00	82.32 -0.66 -0.78	87.87 -0.34 -2.30	106.71 -0.52 -3.45	108.60 -0.77 0.00	85.99 -0.51 -0.77	85.47 -0.69 -0.43	85.86 -0.69 -0.54	85.27 -0.69 -0.32	84.38 -0.85 -0.38	85.27 -0.68 -0.58	87.69 -0.61 -1.75	89.61 -0.61 -2.73	116.09 -0.68 -3.08	116.15 -0.58 -1.71	88.07 -0.51 -3.65	87.47 -0.77 -3.12	85.83 -0.84 -2.52	85.93 -0.84 -2.62	84.81 -0.75 -1.85
GENERAL___MILLS 23808	75.16 -6.72 -0.95	69.89 -6.44 -1.46	69.76 -6.21 -1.11	69.24 -6.36 -0.74	75.13 -5.48 0.00	77.54 -6.00 -1.34	83.77 -6.10 -3.96	100.99 -8.72 -5.93	101.11 -8.97 -0.72	79.69 -7.37 -1.33	78.42 -8.06 -0.75	78.86 -8.08 -0.94	78.05 -8.14 -0.55	77.19 -8.31 -0.66	78.35 -8.03 -1.00	81.50 -8.05 -3.00	84.03 -8.14 -4.68	107.30 -10.80 -4.41	107.14 -10.81 -2.94	83.63 -7.56 -6.25	82.29 -8.17 -5.36	80.22 -8.25 -4.32	81.15 -7.49 -4.49	80.52 -6.36 -3.16
GE_PLASTICS___DRP 24183	91.06 3.16 -6.97	88.49 2.92 -10.71	85.92 2.92 -8.14	83.19 2.92 -5.41	83.84 3.22 0.00	95.34 3.29 -9.85	118.24 3.26 -29.06	150.88 3.63 -43.46	122.16 4.27 -8.54	98.85 3.34 -9.77	91.09 3.43 -1.93	94.86 3.44 -5.42	91.46 3.43 -2.39	91.44 3.39 -3.20	94.08 3.16 -5.54	111.65 3.12 -21.98	123.46 2.89 -33.08	150.92 4.09 -33.14	147.42 4.03 -28.39	133.76 2.97 -45.86	127.36 2.98 -39.27	118.85 3.03 -31.68	120.35 3.28 -32.92	109.87 3.43 -22.71
GILBOA___1 23756	89.50 3.07 -5.50	86.15 2.84 -8.44	84.13 2.84 -6.42	81.97 2.84 -4.26	83.75 3.14 0.00	93.26 3.29 -7.77	112.35 3.52 -22.92	142.10 4.04 -34.27	117.42 4.59 -3.46	97.12 3.68 -7.71	91.56 3.68 -2.15	94.23 3.70 -4.54	91.49 3.68 -2.17	91.31 3.65 -2.82	93.73 3.67 -4.68	107.69 3.80 -17.33	117.46 3.67 -26.30	145.45 4.66 -27.10	139.39 4.72 -19.66	124.52 3.31 -36.28	119.49 3.32 -31.07	112.58 3.37 -25.06	113.56 3.37 -26.04	105.09 3.26 -18.10
GILBOA___2 23757	89.50 3.07 -5.50	86.15 2.84 -8.44	84.13 2.84 -6.42	81.97 2.84 -4.26	83.75 3.14 0.00	93.26 3.29 -7.77	112.35 3.52 -22.92	142.10 4.04 -34.27	117.42 4.59 -3.46	97.12 3.68 -7.71	91.56 3.68 -2.15	94.23 3.70 -4.54	91.49 3.68 -2.17	91.31 3.65 -2.82	93.73 3.67 -4.68	107.69 3.80 -17.33	117.46 3.67 -26.30	145.45 4.66 -27.10	139.39 4.72 -19.66	124.52 3.31 -36.28	119.49 3.32 -31.07	112.58 3.37 -25.06	113.56 3.37 -26.04	105.09 3.26 -18.10

GILBOA___3 23758	89.50 3.07 -5.50	86.15 2.84 -8.44	84.13 2.84 -6.42	81.97 2.84 -4.26	83.75 3.14 0.00	93.26 3.29 -7.77	112.35 3.52 -22.92	142.10 4.04 -34.27	117.42 4.59 -3.46	97.12 3.68 -7.71	91.56 3.68 -2.15	94.23 3.70 -4.54	91.49 3.68 -2.17	91.31 3.65 -2.82	93.73 3.67 -4.68	107.69 3.80 -17.33	117.46 3.67 -26.30	145.45 4.66 -27.10	139.39 4.72 -19.66	124.52 3.31 -36.28	119.49 3.32 -31.07	112.58 3.37 -25.06	113.56 3.37 -26.04	105.09 3.26 -18.10
GILBOA___4 23759	89.50 3.07 -5.50	86.15 2.84 -8.44	84.13 2.84 -6.42	81.97 2.84 -4.26	83.75 3.14 0.00	93.26 3.29 -7.77	112.35 3.52 -22.92	142.10 4.04 -34.27	117.42 4.59 -3.46	97.12 3.68 -7.71	91.56 3.68 -2.15	94.23 3.70 -4.54	91.49 3.68 -2.17	91.31 3.65 -2.82	93.73 3.67 -4.68	107.69 3.80 -17.33	117.46 3.67 -26.30	145.45 4.66 -27.10	139.39 4.72 -19.66	124.52 3.31 -36.28	119.49 3.32 -31.07	112.58 3.37 -25.06	113.56 3.37 -26.04	105.09 3.26 -18.10
GILBOA___ 23599	89.50 3.08 -5.50	86.15 2.84 -8.44	84.13 2.84 -6.42	81.97 2.84 -4.26	83.76 3.14 0.00	93.25 3.29 -7.77	112.35 3.52 -22.92	142.11 4.05 -34.27	117.42 4.59 -3.46	97.12 3.69 -7.71	91.56 3.69 -2.15	94.24 3.70 -4.54	91.50 3.68 -2.17	91.31 3.65 -2.82	93.73 3.67 -4.68	107.60 3.72 -17.33	117.46 3.67 -26.30	145.45 4.66 -27.10	139.39 4.72 -19.66	124.47 3.40 -36.13	119.37 3.32 -30.94	112.47 3.37 -24.96	113.45 3.37 -25.94	105.09 3.27 -18.10
GINNA___ 23603	75.55 -6.07 -0.69	70.16 -5.76 -1.06	70.05 -5.62 -0.80	69.71 -5.69 -0.53	74.09 -6.53 0.00	77.74 -5.43 -0.97	83.63 -5.15 -2.87	101.55 -6.54 -4.30	100.94 -8.42 0.00	80.78 -5.91 -0.97	80.10 -6.17 -0.54	80.58 -6.10 -0.68	79.96 -6.08 -0.40	78.96 -6.36 -0.48	79.78 -6.32 -0.72	82.66 -6.06 -2.17	84.85 -6.04 -3.39	109.79 -7.84 -3.94	109.28 -7.93 -2.21	83.34 -6.20 -4.60	82.92 -6.13 -3.94	81.01 -6.31 -3.18	81.22 -6.23 -3.30	80.24 -5.78 -2.29
GLEN PARK___ 23778	81.63 0.41 -0.29	75.91 0.60 -0.45	75.51 0.30 -0.34	75.24 0.15 -0.23	80.94 0.32 0.00	83.85 1.23 -0.41	88.94 1.81 -1.22	110.21 4.88 -1.54	114.72 5.36 0.00	88.82 2.74 -0.35	88.83 3.00 -0.10	88.96 2.75 -0.20	88.05 2.31 -0.10	87.86 2.89 -0.13	88.57 2.99 -0.21	91.05 3.72 -0.78	92.61 3.94 -1.18	120.59 5.68 -1.22	121.41 5.63 -0.77	91.16 4.58 -1.64	90.85 4.34 -1.41	89.07 3.79 -1.14	88.35 3.02 -1.18	87.22 2.68 -0.82
GLENDALE_27_KV_LOAD 356172	94.42 7.61 -5.88	90.77 7.04 -8.87	88.91 7.11 -6.94	86.82 7.04 -4.92	88.95 7.66 -0.68	97.95 7.81 -7.94	116.58 8.33 -22.34	148.02 10.79 -33.44	126.42 12.36 -4.70	116.57 9.77 -21.06	107.97 9.94 -12.29	106.68 9.98 -10.70	104.47 9.85 -8.98	104.31 9.76 -9.71	106.58 9.82 -11.38	114.35 9.95 -17.84	127.81 10.06 -30.26	166.68 12.85 -40.14	147.55 13.00 -19.55	129.28 9.09 -35.26	126.36 8.94 -32.32	116.92 8.41 -24.36	117.79 8.33 -25.31	110.36 7.87 -18.76
GLENWOOD_IC_1_G5 23712	114.79 7.85 -26.01	99.38 7.26 -17.25	94.82 7.26 -12.69	93.72 7.26 -11.59	95.42 7.90 -6.91	103.84 8.06 -13.59	131.07 8.08 -37.08	159.46 10.38 -45.29	137.74 12.47 -15.91	120.98 9.86 -25.39	134.80 9.94 -39.12	130.37 9.98 -34.39	120.36 9.93 -24.79	120.26 9.84 -25.57	127.69 9.90 -32.41	141.44 9.52 -45.37	153.52 9.62 -56.40	185.55 12.39 -59.46	178.42 12.54 -50.87	165.94 8.66 -72.35	149.86 8.51 -56.24	142.10 8.08 -49.87	140.43 8.41 -47.86	124.71 8.04 -32.95
GLENWOOD_IC_2_G1 23688	103.98 7.29 -15.76	93.91 6.74 -12.30	91.00 6.74 -9.39	89.28 6.74 -7.67	91.23 7.33 -3.28	99.96 7.48 -10.28	122.93 7.99 -29.03	153.31 10.18 -39.34	130.77 11.48 -9.93	111.34 9.08 -16.52	120.09 9.35 -25.01	116.67 9.38 -21.30	110.47 9.34 -15.50	110.24 9.17 -16.23	115.32 9.22 -20.72	126.64 9.44 -30.66	138.05 9.45 -41.10	174.91 12.17 -49.04	160.77 12.31 -33.45	147.23 8.33 -53.97	136.51 8.35 -43.06	129.08 7.91 -37.02	129.77 7.83 -37.79	116.37 7.45 -25.20
GLENWOOD_IC_3_G1 23689	103.98 7.29 -15.76	93.91 6.74 -12.30	91.00 6.74 -9.39	89.28 6.74 -7.67	91.23 7.33 -3.28	99.96 7.48 -10.28	122.93 7.99 -29.03	153.31 10.18 -39.34	130.77 11.48 -9.93	111.34 9.08 -16.52	120.09 9.35 -25.01	116.67 9.38 -21.30	110.47 9.34 -15.50	110.24 9.17 -16.23	115.32 9.22 -20.72	126.64 9.44 -30.66	138.05 9.45 -41.10	174.91 12.17 -49.04	160.77 12.31 -33.45	147.23 8.33 -53.97	136.51 8.35 -43.06	129.08 7.91 -37.02	129.77 7.83 -37.79	116.37 7.45 -25.20
GLENWOOD___4 23550	114.79 7.85 -26.01	99.38 7.26 -17.25	94.82 7.26 -12.69	93.72 7.26 -11.59	95.42 7.90 -6.91	103.84 8.06 -13.59	131.33 8.33 -37.08	159.77 10.69 -45.29	137.74 12.47 -15.91	120.98 9.86 -25.39	134.80 9.94 -39.12	130.37 9.98 -34.39	120.36 9.93 -24.79	120.26 9.84 -25.57	127.69 9.90 -32.41	141.61 9.69 -45.37	153.78 9.89 -56.40	185.89 12.73 -59.46	178.76 12.88 -50.87	166.11 8.83 -72.35	150.03 8.68 -56.24	142.27 8.25 -49.87	140.43 8.41 -47.86	124.71 8.04 -32.95
GLENWOOD___5 23614	114.79 7.85 -26.01	99.38 7.26 -17.25	94.82 7.26 -12.69	93.72 7.26 -11.59	95.42 7.90 -6.91	103.84 8.06 -13.59	131.33 8.33 -37.08	159.77 10.69 -45.29	137.74 12.47 -15.91	120.98 9.86 -25.39	134.80 9.94 -39.12	130.37 9.98 -34.39	120.36 9.93 -24.79	120.26 9.84 -25.57	127.69 9.90 -32.41	141.61 9.69 -45.37	153.78 9.89 -56.40	185.89 12.73 -59.46	178.76 12.88 -50.87	166.11 8.83 -72.35	150.03 8.68 -56.24	142.27 8.25 -49.87	140.43 8.41 -47.86	124.71 8.04 -32.95
GLOBAL GREEN_PORT_GT1 23814	100.77 9.55 -10.30	98.40 8.76 -14.78	91.36 8.76 -7.74	91.01 8.83 -7.32	93.03 9.67 -2.75	103.91 9.78 -11.93	132.11 11.25 -34.94	155.43 14.53 -37.11	130.77 14.66 -6.75	108.24 10.72 -11.79	113.58 10.37 -17.48	110.98 10.66 -14.31	106.45 10.27 -10.54	106.01 9.92 -11.25	110.28 10.41 -14.49	128.85 11.25 -31.05	153.24 12.08 -53.67	185.56 16.82 -55.04	182.21 16.79 -50.41	161.87 11.46 -65.47	154.26 11.06 -58.09	141.48 9.59 -47.74	126.47 9.92 -32.40	122.13 10.04 -28.36
GLOBE___DSASP 323697	73.47 -8.34 -0.88	68.35 -7.86 -1.35	68.18 -7.71 -1.02	67.69 -7.86 -0.68	72.07 -8.54 0.00	75.63 -7.81 -1.24	81.32 -8.25 -3.66	97.63 -11.62 -5.47	96.57 -13.45 -0.66	77.27 -9.69 -1.23	76.13 -10.29 -0.69	76.55 -10.32 -0.87	75.78 -10.36 -0.51	75.02 -10.44 -0.61	75.97 -10.33 -0.92	78.85 -10.47 -2.77	81.05 -10.76 -4.32	103.26 -14.33 -3.89	103.23 -14.38 -2.59	80.69 -10.02 -5.77	79.50 -10.55 -4.94	77.53 -10.60 -3.99	78.53 -9.76 -4.15	78.19 -8.46 -2.92
GOETHSLN___LBMP 323567	92.68 6.39 -5.36	89.01 5.91 -8.23	87.03 5.91 -6.25	84.93 5.91 -4.15	87.06 6.45 0.00	96.26 6.49 -7.57	115.20 6.96 -22.33	145.72 9.13 -32.79	123.84 10.61 -3.87	101.73 8.49 -7.52	105.06 8.66 -10.67	102.68 8.69 -7.99	100.26 8.56 -6.05	100.07 8.48 -6.74	102.76 8.54 -8.85	112.03 8.57 -16.91	124.72 8.66 -28.56	159.15 11.03 -34.43	138.80 11.04 -12.75	121.04 7.64 -28.46	118.73 7.49 -26.14	115.48 6.98 -24.35	116.43 6.98 -25.30	108.65 6.53 -18.39
GOLAH___69_KV_TB 1_2 80279	78.25 -3.40 -0.72	72.60 -3.37 -1.11	72.64 -3.07 -0.84	72.28 -3.14 -0.56	76.90 -3.71 0.00	80.75 -2.47 -1.02	86.59 -2.32 -3.00	104.54 -3.74 -4.49	104.53 -5.36 -0.53	83.22 -3.51 -1.01	82.26 -4.03 -0.56	82.67 -4.04 -0.71	82.11 -3.94 -0.41	81.10 -4.24 -0.50	82.03 -4.10 -0.75	84.84 -3.98 -2.27	87.27 -3.76 -3.54	112.73 -5.00 -4.04	112.95 -4.72 -2.65	86.53 -3.14 -4.74	85.59 -3.57 -4.06	83.55 -3.87 -3.27	83.85 -3.70 -3.40	83.36 -2.76 -2.40

GOODYEAR_LAKE_HYD 323669	86.09 3.40 -1.76	80.86 3.29 -2.70	80.06 3.14 -2.05	79.37 3.14 -1.36	84.32 3.71 0.00	88.88 4.19 -2.49	98.14 4.90 -7.33	120.46 5.71 -10.96	121.83 6.23 -6.24	92.57 4.37 -2.46	91.36 4.20 -1.43	91.98 4.21 -1.76	90.70 4.03 -1.04	90.16 4.07 -1.25	91.43 4.18 -1.87	96.68 4.59 -5.55	101.06 4.90 -8.67	130.20 6.71 -9.80	131.92 6.79 -10.12	101.34 4.84 -11.56	99.60 4.60 -9.90	96.34 4.21 -7.99	96.40 3.95 -8.30	93.33 3.77 -5.84
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	82.93 0.16 -1.84	77.76 0.07 -2.82	77.16 0.15 -2.15	76.37 0.07 -1.43	81.42 0.81 0.00	85.45 0.66 -2.60	94.61 1.03 -7.67	116.08 0.83 -11.46	112.09 1.20 -1.52	88.82 0.51 -2.58	87.54 0.34 -1.46	88.17 0.34 -1.83	87.05 0.34 -1.07	86.30 0.17 -1.29	87.66 0.34 -1.94	92.87 0.52 -5.80	97.07 0.52 -9.05	124.67 0.91 -10.06	122.66 0.92 -6.73	97.62 0.59 -12.09	95.80 0.34 -10.35	92.75 0.25 -8.35	93.08 0.25 -8.68	90.34 0.50 -6.12
GOUDEY___7 23579	82.93 0.16 -1.84	77.76 0.07 -2.82	77.16 0.15 -2.15	76.37 0.07 -1.43	81.42 0.81 0.00	85.45 0.66 -2.60	94.61 1.03 -7.67	116.08 0.83 -11.46	112.09 1.20 -1.52	88.82 0.51 -2.58	87.54 0.34 -1.46	88.17 0.34 -1.83	87.05 0.34 -1.07	86.30 0.17 -1.29	87.66 0.34 -1.94	92.87 0.52 -5.80	97.07 0.52 -9.05	124.67 0.91 -10.06	122.66 0.92 -6.73	97.62 0.59 -12.09	95.80 0.34 -10.35	92.75 0.25 -8.35	93.08 0.25 -8.68	90.34 0.50 -6.12
GOUDEY___8 23580	82.93 0.16 -1.84	77.76 0.07 -2.82	77.16 0.15 -2.15	76.37 0.07 -1.43	81.42 0.81 0.00	85.45 0.66 -2.60	94.61 1.03 -7.67	116.08 0.83 -11.46	112.09 1.20 -1.52	88.82 0.51 -2.58	87.54 0.34 -1.46	88.17 0.34 -1.83	87.05 0.34 -1.07	86.30 0.17 -1.29	87.66 0.34 -1.94	92.87 0.52 -5.80	97.07 0.52 -9.05	124.67 0.91 -10.06	122.66 0.92 -6.73	97.62 0.59 -12.09	95.80 0.34 -10.35	92.75 0.25 -8.35	93.08 0.25 -8.68	90.34 0.50 -6.12
GOWANUS_GT1_1 24077	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.01 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.58 10.90 -49.89	147.76 12.36 -26.04	198.36 9.77 -102.85	117.80 9.94 -22.12	123.00 9.89 -27.11	122.16 9.85 -26.67	122.18 9.67 -27.66	121.94 9.82 -26.74	121.66 9.95 -25.16	285.67 10.15 -188.03	313.74 12.85 -187.19	322.87 13.11 -194.75	304.56 9.17 -210.46	285.70 9.02 -191.57	217.20 8.58 -124.47	117.88 8.41 -25.31	119.86 8.04 -28.10
GOWANUS_GT1_2 24078	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.01 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.58 10.90 -49.89	147.76 12.36 -26.04	198.36 9.77 -102.85	117.80 9.94 -22.12	123.00 9.89 -27.11	122.16 9.85 -26.67	122.18 9.67 -27.66	121.94 9.82 -26.74	121.66 9.95 -25.16	285.67 10.15 -188.03	313.74 12.85 -187.19	322.87 13.11 -194.75	304.56 9.17 -210.46	285.70 9.02 -191.57	217.20 8.58 -124.47	117.88 8.41 -25.31	119.86 8.04 -28.10
GOWANUS_GT1_3 24079	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.01 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.58 10.90 -49.89	147.76 12.36 -26.04	198.36 9.77 -102.85	117.80 9.94 -22.12	123.00 9.89 -27.11	122.16 9.85 -26.67	122.18 9.67 -27.66	121.94 9.82 -26.74	121.66 9.95 -25.16	285.67 10.15 -188.03	313.74 12.85 -187.19	322.87 13.11 -194.75	304.56 9.17 -210.46	285.70 9.02 -191.57	217.20 8.58 -124.47	117.88 8.41 -25.31	119.86 8.04 -28.10
GOWANUS_GT1_4 24080	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.01 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.58 10.90 -49.89	147.76 12.36 -26.04	198.36 9.77 -102.85	117.80 9.94 -22.12	123.00 9.89 -27.11	122.16 9.85 -26.67	122.18 9.67 -27.66	121.94 9.82 -26.74	121.66 9.95 -25.16	285.67 10.15 -188.03	313.74 12.85 -187.19	322.87 13.11 -194.75	304.56 9.17 -210.46	285.70 9.02 -191.57	217.20 8.58 -124.47	117.88 8.41 -25.31	119.86 8.04 -28.10
GOWANUS_GT1_5 24084	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.01 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.58 10.90 -49.89	147.76 12.36 -26.04	198.36 9.77 -102.85	117.80 9.94 -22.12	123.00 9.89 -27.11	122.16 9.85 -26.67	122.18 9.67 -27.66	121.94 9.82 -26.74	121.66 9.95 -25.16	285.67 10.15 -188.03	313.74 12.85 -187.19	322.87 13.11 -194.75	304.56 9.17 -210.46	285.70 9.02 -191.57	217.20 8.58 -124.47	117.88 8.41 -25.31	119.86 8.04 -28.10
GOWANUS_GT1_6 24111	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.01 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.58 10.90 -49.89	147.76 12.36 -26.04	198.36 9.77 -102.85	117.80 9.94 -22.12	123.00 9.89 -27.11	122.16 9.85 -26.67	122.18 9.67 -27.66	121.94 9.82 -26.74	121.66 9.95 -25.16	285.67 10.15 -188.03	313.74 12.85 -187.19	322.87 13.11 -194.75	304.56 9.17 -210.46	285.70 9.02 -191.57	217.20 8.58 -124.47	117.88 8.41 -25.31	119.86 8.04 -28.10
GOWANUS_GT1_7 24112	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.01 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.58 10.90 -49.89	147.76 12.36 -26.04	198.36 9.77 -102.85	117.80 9.94 -22.12	123.00 9.89 -27.11	122.16 9.85 -26.67	122.18 9.67 -27.66	121.94 9.82 -26.74	121.66 9.95 -25.16	285.67 10.15 -188.03	313.74 12.85 -187.19	322.87 13.11 -194.75	304.56 9.17 -210.46	285.70 9.02 -191.57	217.20 8.58 -124.47	117.88 8.41 -25.31	119.86 8.04 -28.10
GOWANUS_GT1_8 24113	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.01 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.58 10.90 -49.89	147.76 12.36 -26.04	198.36 9.77 -102.85	117.80 9.94 -22.12	123.00 9.89 -27.11	122.16 9.85 -26.67	122.18 9.67 -27.66	121.94 9.82 -26.74	121.66 9.95 -25.16	285.67 10.15 -188.03	313.74 12.85 -187.19	322.87 13.11 -194.75	304.56 9.17 -210.46	285.70 9.02 -191.57	217.20 8.58 -124.47	117.88 8.41 -25.31	119.86 8.04 -28.10
GOWANUS_GT2_1 24114	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	119.04 8.41 -26.47	119.86 8.04 -28.10
GOWANUS_GT2_2 24115	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	119.04 8.41 -26.47	119.86 8.04 -28.10
GOWANUS_GT2_3 24116	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	119.04 8.41 -26.47	119.86 8.04 -28.10

GOWANUS_GT2_4 24117	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	219.04 8.41 -26.47	219.86 8.04 -28.10
GOWANUS_GT2_5 24118	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	219.04 8.41 -26.47	219.86 8.04 -28.10
GOWANUS_GT2_6 24119	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	219.04 8.41 -26.47	219.86 8.04 -28.10
GOWANUS_GT2_7 24120	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	219.04 8.41 -26.47	219.86 8.04 -28.10
GOWANUS_GT2_8 24121	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	219.04 8.41 -26.47	219.86 8.04 -28.10
GOWANUS_GT3_1 24122	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	219.04 8.41 -26.47	219.86 8.04 -28.10
GOWANUS_GT3_2 24123	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	219.04 8.41 -26.47	219.86 8.04 -28.10
GOWANUS_GT3_3 24124	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	219.04 8.41 -26.47	219.86 8.04 -28.10
GOWANUS_GT3_4 24125	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	219.04 8.41 -26.47	219.86 8.04 -28.10
GOWANUS_GT3_5 24126	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	219.04 8.41 -26.47	219.86 8.04 -28.10
GOWANUS_GT3_6 24127	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	219.04 8.41 -26.47	219.86 8.04 -28.10
GOWANUS_GT3_7 24128	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	219.04 8.41 -26.47	219.86 8.04 -28.10
GOWANUS_GT3_8 24129	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	219.04 8.41 -26.47	219.86 8.04 -28.10
GOWANUS_GT4_1 24130	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.01 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.58 10.90 -49.89	147.76 12.36 -26.04	198.36 9.77 -102.85	117.80 9.94 -22.12	123.00 9.89 -27.11	122.16 9.85 -26.67	122.18 9.67 -27.66	121.94 9.82 -26.74	121.66 9.95 -25.16	285.67 10.15 -188.03	313.74 12.85 -187.19	322.87 13.11 -194.75	304.56 9.17 -210.46	285.70 9.02 -191.57	217.20 8.58 -124.47	217.88 8.41 -25.31	219.86 8.04 -28.10
GOWANUS_GT4_2 24131	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.01 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.58 10.90 -49.89	147.76 12.36 -26.04	198.36 9.77 -102.85	117.80 9.94 -22.12	123.00 9.89 -27.11	122.16 9.85 -26.67	122.18 9.67 -27.66	121.94 9.82 -26.74	121.66 9.95 -25.16	285.67 10.15 -188.03	313.74 12.85 -187.19	322.87 13.11 -194.75	304.56 9.17 -210.46	285.70 9.02 -191.57	217.20 8.58 -124.47	217.88 8.41 -25.31	219.86 8.04 -28.10

GOWANUS_GT4_3 24132	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.01 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.58 10.90 -49.89	147.76 12.36 -26.04	198.36 9.77 -102.85	117.80 9.94 -22.12	123.00 9.89 -27.11	122.16 9.85 -26.67	122.18 9.67 -27.66	121.94 9.82 -26.74	121.66 9.95 -25.16	285.67 10.15 -188.03	313.74 12.85 -187.19	322.87 13.11 -194.75	304.56 9.17 -210.46	285.70 9.02 -191.57	217.20 8.58 -124.47	117.88 8.41 -25.31	119.86 8.04 -28.10
GOWANUS_GT4_4 24133	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.01 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.58 10.90 -49.89	147.76 12.36 -26.04	198.36 9.77 -102.85	117.80 9.94 -22.12	123.00 9.89 -27.11	122.16 9.85 -26.67	122.18 9.67 -27.66	121.94 9.82 -26.74	121.66 9.95 -25.16	285.67 10.15 -188.03	313.74 12.85 -187.19	322.87 13.11 -194.75	304.56 9.17 -210.46	285.70 9.02 -191.57	217.20 8.58 -124.47	117.88 8.41 -25.31	119.86 8.04 -28.10
GOWANUS_GT4_5 24134	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.01 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.58 10.90 -49.89	147.76 12.36 -26.04	198.36 9.77 -102.85	117.80 9.94 -22.12	123.00 9.89 -27.11	122.16 9.85 -26.67	122.18 9.67 -27.66	121.94 9.82 -26.74	121.66 9.95 -25.16	285.67 10.15 -188.03	313.74 12.85 -187.19	322.87 13.11 -194.75	304.56 9.17 -210.46	285.70 9.02 -191.57	217.20 8.58 -124.47	117.88 8.41 -25.31	119.86 8.04 -28.10
GOWANUS_GT4_6 24135	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.01 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.58 10.90 -49.89	147.76 12.36 -26.04	198.36 9.77 -102.85	117.80 9.94 -22.12	123.00 9.89 -27.11	122.16 9.85 -26.67	122.18 9.67 -27.66	121.94 9.82 -26.74	121.66 9.95 -25.16	285.67 10.15 -188.03	313.74 12.85 -187.19	322.87 13.11 -194.75	304.56 9.17 -210.46	285.70 9.02 -191.57	217.20 8.58 -124.47	117.88 8.41 -25.31	119.86 8.04 -28.10
GOWANUS_GT4_7 24136	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.01 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.58 10.90 -49.89	147.76 12.36 -26.04	198.36 9.77 -102.85	117.80 9.94 -22.12	123.00 9.89 -27.11	122.16 9.85 -26.67	122.18 9.67 -27.66	121.94 9.82 -26.74	121.66 9.95 -25.16	285.67 10.15 -188.03	313.74 12.85 -187.19	322.87 13.11 -194.75	304.56 9.17 -210.46	285.70 9.02 -191.57	217.20 8.58 -124.47	117.88 8.41 -25.31	119.86 8.04 -28.10
GOWANUS_GT4_8 24137	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.01 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.58 10.90 -49.89	147.76 12.36 -26.04	198.36 9.77 -102.85	117.80 9.94 -22.12	123.00 9.89 -27.11	122.16 9.85 -26.67	122.18 9.67 -27.66	121.94 9.82 -26.74	121.66 9.95 -25.16	285.67 10.15 -188.03	313.74 12.85 -187.19	322.87 13.11 -194.75	304.56 9.17 -210.46	285.70 9.02 -191.57	217.20 8.58 -124.47	117.88 8.41 -25.31	119.86 8.04 -28.10
GREENBSH_115KV_TB3 55895	91.18 3.24 -7.01	88.63 2.99 -10.77	86.04 2.99 -8.19	83.30 2.99 -5.44	83.92 3.31 0.00	95.47 3.37 -9.91	118.32 3.18 -29.23	150.82 3.32 -43.71	123.57 4.16 -10.05	98.90 3.34 -9.83	91.22 3.43 -2.06	94.95 3.44 -5.51	91.53 3.43 -2.46	91.51 3.39 -3.28	94.00 2.99 -5.64	111.51 2.86 -22.11	123.34 2.54 -33.31	150.97 3.75 -33.52	148.51 3.68 -29.82	133.79 2.72 -46.13	127.42 2.81 -39.51	118.88 2.86 -31.87	120.63 3.37 -33.12	110.15 3.60 -22.82
GREENDGE_115KV_TB5 80291	80.96 -1.13 -1.16	75.37 -1.27 -1.78	75.10 -1.12 -1.35	74.57 -1.20 -0.90	79.97 -0.64 0.00	83.59 -0.25 -1.64	90.58 -0.17 -4.84	110.81 -0.21 -7.23	109.71 -0.55 -0.90	86.58 -0.77 -1.63	85.36 -1.29 -0.92	85.78 -1.38 -1.15	84.94 -1.37 -0.67	83.96 -1.70 -0.81	85.23 -1.37 -1.22	89.09 -1.13 -3.66	92.06 -1.14 -5.71	118.11 -1.82 -6.24	117.41 -1.73 -4.13	91.89 -0.68 -7.63	90.45 -1.19 -6.54	88.41 -1.01 -5.27	88.53 -1.09 -5.48	86.91 -0.67 -3.86
GREENIDGE___3 23582	80.96 -1.13 -1.16	75.37 -1.27 -1.78	75.10 -1.12 -1.35	74.57 -1.20 -0.90	79.97 -0.64 0.00	83.59 -0.25 -1.64	90.58 -0.17 -4.84	110.81 -0.21 -7.23	109.71 -0.55 -0.90	86.58 -0.77 -1.63	85.36 -1.29 -0.92	85.78 -1.38 -1.15	84.94 -1.37 -0.67	83.96 -1.70 -0.81	85.23 -1.37 -1.22	89.09 -1.13 -3.66	92.06 -1.14 -5.71	118.11 -1.82 -6.24	117.41 -1.73 -4.13	91.89 -0.68 -7.63	90.45 -1.19 -6.54	88.41 -1.01 -5.27	88.53 -1.09 -5.48	86.91 -0.67 -3.86
GREENIDGE___4 23583	80.96 -1.13 -1.16	75.37 -1.27 -1.78	75.10 -1.12 -1.35	74.56 -1.20 -0.90	79.96 -0.65 0.00	83.59 -0.25 -1.64	91.01 0.26 -4.84	110.82 -0.21 -7.24	109.71 -0.54 -0.90	86.42 -0.94 -1.63	85.36 -1.28 -0.92	85.77 -1.38 -1.15	84.94 -1.37 -0.67	83.96 -1.70 -0.81	85.23 -1.37 -1.22	89.18 -1.03 -3.66	92.06 -1.14 -5.71	118.11 -1.82 -6.24	117.42 -1.72 -4.13	91.57 -1.11 -7.74	90.54 -1.19 -6.63	88.49 -1.01 -5.35	88.61 -1.10 -5.56	86.91 -0.67 -3.86
GREENLWN_69_KV_BK 3 55738	100.44 8.42 -11.09	97.68 7.86 -14.96	90.72 7.86 -8.00	90.28 7.86 -7.56	92.22 8.63 -2.98	103.05 8.80 -12.05	130.59 9.54 -35.14	153.15 11.83 -37.53	129.91 13.34 -7.21	108.67 10.46 -12.48	114.68 10.37 -18.57	111.73 10.41 -15.33	107.17 10.28 -11.26	107.00 10.18 -11.97	111.10 10.33 -15.39	129.04 10.65 -31.85	152.07 10.59 -53.99	182.14 13.07 -55.37	178.90 13.23 -50.66	158.68 9.26 -64.48	151.36 9.36 -56.89	140.36 9.26 -46.95	125.41 9.17 -32.08	121.17 8.79 -28.66
GREENWD_138_KV_38B11_REV_LBMP_J 345004	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.01 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.58 10.90 -49.89	147.76 12.36 -26.04	198.36 9.77 -102.85	117.80 9.94 -22.12	123.00 9.89 -27.11	122.16 9.85 -26.67	122.18 9.67 -27.66	121.94 9.82 -26.74	121.66 9.95 -25.16	285.67 10.15 -188.03	313.74 12.85 -187.19	322.87 13.11 -194.75	304.56 9.17 -210.46	285.70 9.02 -191.57	217.20 8.58 -124.47	117.88 8.41 -25.31	119.86 8.04 -28.10
GRISSOM___SOLAR 323813	94.18 5.51 -7.75	91.63 4.86 -11.90	88.77 4.86 -9.04	85.81 4.94 -6.01	86.10 5.48 0.00	98.98 5.84 -10.94	125.16 6.96 -32.30	160.39 8.31 -48.30	135.35 8.42 -17.56	102.25 5.66 -10.86	93.21 4.88 -2.60	96.77 4.55 -6.22	92.96 4.45 -2.87	93.11 4.49 -3.77	96.63 4.86 -6.39	116.52 5.54 -24.43	130.97 6.57 -36.91	160.86 9.66 -37.51	162.17 9.89 -37.26	142.48 6.88 -50.67	135.22 6.72 -43.39	125.63 6.48 -35.00	126.75 6.23 -36.38	114.78 5.77 -25.28
GROVEVILLE___HYD 323602	93.33 7.04 -5.36	89.62 6.51 -8.24	87.57 6.44 -6.26	85.46 6.44 -4.16	87.54 6.93 0.00	97.18 7.40 -7.58	116.09 7.82 -22.37	147.09 9.86 -33.44	124.37 11.05 -3.96	101.74 8.49 -7.52	104.59 8.49 -10.37	102.13 8.26 -7.87	99.78 8.22 -5.92	99.59 8.15 -6.60	102.36 8.28 -8.70	111.95 8.48 -16.91	124.97 9.01 -28.47	165.18 11.82 -39.67	146.48 11.85 -19.63	128.26 8.07 -35.26	123.22 7.91 -30.19	115.99 7.49 -24.36	116.70 7.24 -25.31	109.04 6.95 -18.37
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	81.48 -0.08 -0.63	75.61 -0.22 -0.97	75.38 -0.22 -0.74	75.13 -0.22 -0.49	80.45 -0.16 0.00	83.34 0.25 -0.90	89.16 0.60 -2.64	108.36 0.62 -3.95	109.80 0.44 0.00	87.05 0.43 -0.89	86.40 0.17 -0.49	86.80 0.17 -0.63	86.26 0.26 -0.36	85.29 0.00 -0.44	86.21 0.17 -0.67	88.81 0.26 -2.01	90.97 0.35 -3.13	117.80 0.57 -3.53	117.66 0.69 -1.97	89.54 0.42 -4.18	88.86 0.17 -3.58	87.12 0.08 -2.89	87.15 0.00 -3.00	85.92 0.08 -2.11

HAMLTNNY_34_KV_TB 80303	81.86 0.24 -0.69	76.00 0.07 -1.06	75.82 0.15 -0.80	75.47 0.07 -0.53	80.85 0.24 0.00	83.83 0.66 -0.97	89.99 1.20 -2.87	109.33 1.25 -4.30	110.45 1.09 0.00	87.55 0.86 -0.97	86.87 0.60 -0.54	87.28 0.60 -0.68	86.64 0.60 -0.40	85.75 0.42 -0.48	86.70 0.60 -0.72	89.42 0.69 -2.18	91.67 0.79 -3.40	118.78 1.25 -3.84	118.41 1.27 -2.14	90.33 0.85 -4.54	89.59 0.60 -3.89	87.71 0.42 -3.14	87.74 0.34 -3.26	86.52 0.50 -2.30
HAMPSHIRE___PAPER_HYD 323593	79.62 -1.45 -0.15	73.89 -1.20 -0.23	73.69 -1.35 -0.17	73.55 -1.42 -0.11	79.00 -1.61 0.00	80.60 -1.81 -0.21	83.44 -3.09 -0.61	102.12 -2.49 -0.82	106.74 -2.63 0.00	83.00 -2.92 -0.18	83.29 -2.49 -0.05	83.70 -2.41 -0.11	83.21 -2.49 -0.05	83.05 -1.87 -0.07	83.36 -2.13 -0.11	84.37 -2.59 -0.41	85.14 -2.97 -0.63	110.59 -3.75 -0.65	111.51 -3.91 -0.41	83.86 -1.95 -0.87	83.73 -2.12 -0.75	83.66 -1.10 -0.60	83.60 -1.18 -0.63	83.24 -0.92 -0.43
HARDSCRABBLE_WT_PWR 323673	82.87 1.94 0.00	76.66 1.79 0.00	76.51 1.64 0.00	76.44 1.57 0.00	82.38 1.77 0.00	84.33 2.13 0.00	88.40 2.49 0.00	106.59 2.80 0.00	112.64 3.28 0.00	88.30 2.57 0.00	88.47 2.74 0.00	88.93 2.93 0.00	88.46 2.82 0.00	87.56 2.71 0.00	88.11 2.73 0.00	89.32 2.77 0.00	90.29 2.80 0.00	117.56 3.87 0.00	118.92 3.91 0.00	87.99 3.05 0.00	88.34 3.23 0.00	87.52 3.37 0.00	87.68 3.53 0.00	87.32 3.60 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	91.70 5.75 -5.03	87.91 5.32 -7.72	85.98 5.24 -5.87	84.01 5.24 -3.90	86.25 5.64 0.00	95.22 5.92 -7.11	113.23 6.36 -20.97	143.16 8.10 -31.28	122.19 9.19 -3.64	99.88 7.12 -7.03	102.62 7.29 -9.60	100.46 7.14 -7.32	98.32 7.19 -5.49	98.02 7.04 -6.13	100.64 7.17 -8.09	109.55 7.18 -15.82	121.61 7.52 -26.60	160.52 9.89 -36.94	143.20 9.89 -18.30	124.62 6.71 -32.98	119.90 6.55 -28.24	113.16 6.23 -22.78	113.88 6.06 -23.67	106.59 5.69 -17.18
HARSNRAD_115KV_TB1 81005	73.94 -7.85 -0.86	68.71 -7.49 -1.33	68.61 -7.26 -1.01	68.20 -7.34 -0.67	72.87 -7.74 0.00	76.19 -7.23 -1.22	82.13 -7.39 -3.60	98.80 -10.38 -5.39	98.09 -11.92 -0.65	78.11 -8.83 -1.21	76.98 -9.43 -0.68	77.40 -9.46 -0.86	76.63 -9.51 -0.50	75.86 -9.59 -0.60	76.81 -9.48 -0.91	79.76 -9.52 -2.73	82.03 -9.71 -4.25	104.90 -12.85 -4.05	104.82 -12.88 -2.69	81.62 -9.00 -5.69	80.36 -9.62 -4.87	78.40 -9.68 -3.93	79.31 -8.92 -4.08	78.90 -7.70 -2.88
HARZA MOOSE___RIVER 24016	82.01 0.89 -0.19	76.13 0.97 -0.29	75.91 0.82 -0.22	75.76 0.75 -0.15	81.66 1.05 0.00	84.11 1.64 -0.27	88.68 1.98 -0.79	107.78 2.80 -1.19	112.53 3.17 0.00	87.80 1.80 -0.27	87.78 1.97 -0.07	88.05 1.89 -0.16	87.42 1.71 -0.07	86.89 1.95 -0.09	87.49 1.96 -0.15	89.36 2.25 -0.56	90.62 2.27 -0.85	117.64 3.07 -0.88	118.59 2.99 -0.59	88.40 2.29 -1.17	88.41 2.30 -1.01	87.06 2.10 -0.81	86.84 1.85 -0.84	86.16 1.84 -0.59
HDSNBRDG_115KV_BRDG_TB1 355580	80.52 -0.97 -0.56	74.75 -0.97 -0.86	74.54 -0.97 -0.65	74.25 -1.05 -0.43	79.64 -0.97 0.00	82.33 -0.66 -0.79	87.98 -0.26 -2.33	106.75 -0.52 -3.48	108.70 -0.66 0.00	86.00 -0.51 -0.78	85.56 -0.60 -0.43	85.95 -0.60 -0.55	85.36 -0.60 -0.32	84.47 -0.76 -0.39	85.37 -0.60 -0.59	87.71 -0.61 -1.77	89.72 -0.52 -2.76	116.24 -0.57 -3.11	116.17 -0.58 -1.73	88.11 -0.51 -3.69	87.50 -0.77 -3.16	85.85 -0.84 -2.55	85.95 -0.84 -2.65	84.75 -0.84 -1.86
HELLGATE_13_KV_LD 55870	94.09 7.28 -5.88	90.47 6.74 -8.87	88.61 6.81 -6.94	86.52 6.74 -4.92	88.63 7.34 -0.68	97.62 7.48 -7.94	116.24 7.99 -22.34	147.50 10.27 -33.44	125.76 11.70 -4.70	116.13 9.34 -21.05	107.45 9.43 -12.29	106.16 9.46 -10.70	104.04 9.42 -8.98	103.80 9.25 -9.70	106.15 9.39 -11.38	113.83 9.43 -17.84	127.20 9.45 -30.26	166.00 12.17 -40.14	146.86 12.31 -19.55	128.77 8.58 -35.26	125.85 8.43 -32.32	116.42 7.91 -24.36	117.37 7.91 -25.31	109.94 7.45 -18.76
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	94.09 7.28 -5.88	90.47 6.74 -8.87	88.61 6.81 -6.94	86.52 6.74 -4.92	88.63 7.34 -0.68	97.62 7.48 -7.94	116.24 7.99 -22.34	147.50 10.27 -33.44	125.76 11.70 -4.70	116.13 9.34 -21.05	107.45 9.43 -12.29	106.16 9.46 -10.70	104.04 9.42 -8.98	103.80 9.25 -9.70	106.15 9.39 -11.38	113.83 9.43 -17.84	127.20 9.45 -30.26	166.00 12.17 -40.14	146.86 12.31 -19.55	128.77 8.58 -35.26	125.85 8.43 -32.32	116.42 7.91 -24.36	117.37 7.91 -25.31	109.94 7.45 -18.76
HEMPSTEAD____ 23647	117.59 8.17 -28.49	101.51 7.56 -19.09	96.15 7.56 -13.73	95.33 7.56 -12.91	96.87 8.14 -8.12	105.31 8.30 -14.81	134.64 8.93 -39.80	161.80 11.21 -46.80	139.40 12.68 -17.36	123.21 9.94 -27.54	138.39 10.11 -42.54	133.71 10.14 -37.57	122.79 10.10 -27.05	122.61 9.92 -27.84	130.69 10.07 -35.24	146.40 10.29 -49.55	159.47 10.32 -61.66	189.84 13.30 -62.85	185.51 13.45 -57.05	174.57 9.18 -80.46	157.07 9.11 -62.85	148.55 8.67 -55.73	144.69 8.75 -51.79	127.46 8.37 -35.37
HEWLETT_69_KV_BK3 55828	179.43 8.98 -89.51	118.46 8.24 -35.36	113.53 8.31 -30.36	112.95 8.24 -29.85	113.73 8.95 -24.17	117.07 9.21 -25.67	163.46 10.05 -67.50	196.61 12.45 -80.36	175.98 13.67 -52.95	176.90 10.80 -80.36	222.96 10.63 -126.60	212.24 10.66 -115.57	178.67 10.62 -82.41	178.86 10.52 -83.50	200.83 10.59 -104.86	218.36 10.99 -120.82	210.33 11.20 -111.64	230.09 14.44 -101.96	238.36 14.61 -108.74	249.07 10.19 -153.94	198.10 10.04 -102.95	195.48 9.59 -101.74	209.92 9.42 -116.35	160.05 9.29 -67.04
HICKLING___1 23621	81.83 -0.57 -1.47	76.38 -0.75 -2.26	75.98 -0.60 -1.72	75.33 -0.67 -1.14	81.02 0.40 0.00	84.53 0.25 -2.08	92.74 0.69 -6.14	113.07 0.10 -9.17	111.06 0.55 -1.16	87.54 -0.26 -2.06	86.21 -0.69 -1.17	86.69 -0.77 -1.46	85.72 -0.77 -0.85	84.94 -0.93 -1.03	86.25 -0.68 -1.55	90.67 -0.52 -4.64	94.39 -0.35 -7.25	121.34 -0.23 -7.87	120.12 -0.12 -5.23	94.53 -0.08 -9.68	92.89 -0.51 -8.29	90.25 -0.59 -6.69	90.59 -0.50 -6.95	88.62 0.00 -4.90
HICKLING___2 23622	81.83 -0.57 -1.47	76.38 -0.75 -2.26	75.98 -0.60 -1.72	75.33 -0.67 -1.14	81.02 0.40 0.00	84.53 0.25 -2.08	92.74 0.69 -6.14	113.07 0.10 -9.17	111.06 0.55 -1.16	87.54 -0.26 -2.06	86.21 -0.69 -1.17	86.69 -0.77 -1.46	85.72 -0.77 -0.85	84.94 -0.93 -1.03	86.25 -0.68 -1.55	90.67 -0.52 -4.64	94.39 -0.35 -7.25	121.34 -0.23 -7.87	120.12 -0.12 -5.23	94.53 -0.08 -9.68	92.89 -0.51 -8.29	90.25 -0.59 -6.69	90.59 -0.50 -6.95	88.62 0.00 -4.90
HIGH FALLS___HY 23754	94.78 8.50 -5.36	90.95 7.86 -8.23	88.91 7.79 -6.25	86.88 7.86 -4.16	88.67 8.06 0.00	98.89 9.12 -7.57	118.04 9.79 -22.34	149.52 12.35 -33.38	127.35 13.45 -4.54	103.10 9.86 -7.51	103.33 9.26 -8.35	101.88 8.86 -7.02	99.45 8.82 -4.99	99.15 8.65 -5.65	101.94 8.88 -7.68	113.21 9.78 -16.88	126.08 10.85 -27.74	164.18 14.10 -36.39	149.01 13.92 -20.08	129.53 9.34 -35.26	124.58 9.28 -30.19	117.17 8.67 -24.35	117.62 8.16 -25.31	109.69 7.79 -18.18
HIGH_RIVER___SOLAR 323847	92.47 4.04 -7.50	89.98 3.59 -11.52	87.21 3.59 -8.76	84.35 3.67 -5.82	84.64 4.03 0.00	97.07 4.27 -10.60	122.07 4.89 -31.27	156.35 5.81 -46.76	133.74 5.90 -18.48	100.11 3.86 -10.51	91.39 3.26 -2.41	95.16 3.18 -5.97	91.44 3.08 -2.73	91.58 3.14 -3.60	95.01 3.50 -6.13	114.35 4.15 -23.65	128.09 4.90 -35.70	156.77 6.94 -36.14	159.22 7.02 -37.19	138.96 5.01 -49.02	131.93 4.85 -41.98	122.72 4.71 -33.86	123.88 4.54 -35.19	112.45 4.27 -24.46

HILLBURN___GT 23639	91.61 5.58 -5.10	87.93 5.24 -7.83	85.98 5.16 -5.95	83.98 5.16 -3.95	86.17 5.56 0.00	95.07 5.67 -7.20	113.35 6.19 -21.25	143.48 7.99 -31.70	122.12 9.07 -3.69	99.97 7.11 -7.13	102.92 7.37 -9.81	100.85 7.40 -7.45	98.69 7.45 -5.60	98.39 7.30 -6.25	100.96 7.34 -8.24	110.02 7.44 -16.03	121.90 7.43 -26.98	160.91 9.66 -37.56	143.32 9.77 -18.54	126.28 6.45 -34.90	121.46 6.47 -29.89	114.39 6.14 -24.11	115.18 5.98 -25.05	106.74 5.61 -17.41
HILLSIDE_115KV_TB1 80332	81.07 -1.38 -1.52	75.78 -1.42 -2.34	75.37 -1.27 -1.78	74.70 -1.35 -1.18	80.21 -0.40 0.00	83.61 -0.74 -2.15	91.91 -0.34 -6.34	112.13 -1.14 -9.48	109.90 -0.66 -1.20	86.66 -1.20 -2.13	85.40 -1.54 -1.21	85.96 -1.55 -1.51	84.90 -1.63 -0.88	84.13 -1.78 -1.07	85.44 -1.54 -1.60	89.88 -1.47 -4.80	93.67 -1.31 -7.49	120.27 -1.59 -8.16	118.94 -1.50 -5.42	93.83 -1.10 -10.00	92.14 -1.53 -8.57	89.54 -1.51 -6.91	89.90 -1.43 -7.18	87.86 -0.92 -5.06
HISHELDN_WT_PWR 323625	75.65 -6.31 -1.03	70.45 -5.99 -1.58	70.45 -5.62 -1.20	69.90 -5.76 -0.80	75.45 -5.16 0.00	78.39 -5.26 -1.45	84.96 -5.24 -4.29	102.53 -7.68 -6.42	102.17 -7.98 -0.78	80.31 -6.86 -1.44	79.26 -7.29 -0.81	79.62 -7.40 -1.02	78.78 -7.45 -0.60	78.01 -7.55 -0.72	79.12 -7.34 -1.08	82.79 -7.01 -3.25	85.38 -7.17 -5.06	109.21 -9.44 -4.95	108.88 -9.43 -3.30	84.49 -7.30 -6.86	83.92 -7.06 -5.88	81.82 -7.07 -4.74	82.51 -6.56 -4.93	81.54 -5.61 -3.42
HOLTSVILLE_IC_1 23690	100.20 9.06 -10.21	98.01 8.38 -14.76	90.96 8.38 -7.71	90.54 8.38 -7.29	92.52 9.19 -2.72	103.40 9.29 -11.92	131.13 10.30 -34.92	153.93 13.08 -37.07	130.06 14.00 -6.70	107.99 10.54 -11.72	113.72 10.63 -17.36	110.95 10.75 -14.20	106.63 10.53 -10.46	106.28 10.26 -11.17	110.35 10.58 -14.39	128.68 11.17 -30.96	152.75 11.64 -53.63	184.15 15.46 -55.00	181.01 15.64 -50.37	161.03 10.70 -65.39	153.72 10.55 -58.06	141.52 9.67 -47.70	126.47 10.01 -32.31	121.51 9.46 -28.33
HOLTSVILLE_IC_10 23699	100.96 9.46 -10.57	98.47 8.76 -14.85	91.45 8.76 -7.83	91.02 8.76 -7.40	93.03 9.59 -2.83	103.96 9.78 -11.98	131.76 10.82 -35.03	154.85 13.81 -37.26	130.70 14.43 -6.90	108.48 10.72 -12.03	114.48 10.89 -17.86	111.84 11.18 -14.66	107.48 11.05 -10.78	106.86 10.52 -11.49	111.02 10.84 -14.80	129.49 11.60 -31.34	153.55 12.25 -53.81	185.24 16.38 -55.17	182.11 16.57 -50.53	162.04 11.39 -65.72	154.44 11.15 -58.19	142.21 10.18 -47.88	127.27 10.43 -32.69	122.16 9.96 -28.48
HOLTSVILLE_IC_2 23691	100.20 9.06 -10.21	98.01 8.38 -14.76	90.96 8.38 -7.71	90.54 8.38 -7.29	92.52 9.19 -2.72	103.40 9.29 -11.92	131.13 10.30 -34.92	153.93 13.08 -37.07	130.06 14.00 -6.70	107.99 10.54 -11.72	113.72 10.63 -17.36	110.95 10.75 -14.20	106.63 10.53 -10.46	106.28 10.26 -11.17	110.35 10.58 -14.39	128.68 11.17 -30.96	152.75 11.64 -53.63	184.15 15.46 -55.00	181.01 15.64 -50.37	161.03 10.70 -65.39	153.72 10.55 -58.06	141.52 9.67 -47.70	126.47 10.01 -32.31	121.51 9.46 -28.33
HOLTSVILLE_IC_3 23692	100.20 9.06 -10.21	98.01 8.38 -14.76	90.96 8.38 -7.71	90.54 8.38 -7.29	92.52 9.19 -2.72	103.40 9.29 -11.92	131.13 10.30 -34.92	153.93 13.08 -37.07	130.06 14.00 -6.70	107.99 10.54 -11.72	113.72 10.63 -17.36	110.95 10.75 -14.20	106.63 10.53 -10.46	106.28 10.26 -11.17	110.35 10.58 -14.39	128.68 11.17 -30.96	152.75 11.64 -53.63	184.15 15.46 -55.00	181.01 15.64 -50.37	161.03 10.70 -65.39	153.72 10.55 -58.06	141.52 9.67 -47.70	126.47 10.01 -32.31	121.51 9.46 -28.33
HOLTSVILLE_IC_4 23693	100.20 9.06 -10.21	98.01 8.38 -14.76	90.96 8.38 -7.71	90.54 8.38 -7.29	92.52 9.19 -2.72	103.40 9.29 -11.92	131.13 10.30 -34.92	153.93 13.08 -37.07	130.06 14.00 -6.70	107.99 10.54 -11.72	113.72 10.63 -17.36	110.95 10.75 -14.20	106.63 10.53 -10.46	106.28 10.26 -11.17	110.35 10.58 -14.39	128.68 11.17 -30.96	152.75 11.64 -53.63	184.15 15.46 -55.00	181.01 15.64 -50.37	161.03 10.70 -65.39	153.72 10.55 -58.06	141.52 9.67 -47.70	126.47 10.01 -32.31	121.51 9.46 -28.33
HOLTSVILLE_IC_5 23694	100.20 9.06 -10.21	98.01 8.38 -14.76	90.96 8.38 -7.71	90.54 8.38 -7.29	92.52 9.19 -2.72	103.40 9.29 -11.92	131.13 10.30 -34.92	153.93 13.08 -37.07	130.06 14.00 -6.70	107.99 10.54 -11.72	113.72 10.63 -17.36	110.95 10.75 -14.20	106.63 10.53 -10.46	106.28 10.26 -11.17	110.35 10.58 -14.39	128.68 11.17 -30.96	152.75 11.64 -53.63	184.15 15.46 -55.00	181.01 15.64 -50.37	161.03 10.70 -65.39	153.72 10.55 -58.06	141.52 9.67 -47.70	126.47 10.01 -32.31	121.51 9.46 -28.33
HOLTSVILLE_IC_6 23695	100.96 9.46 -10.57	98.47 8.76 -14.85	91.45 8.76 -7.83	91.02 8.76 -7.40	93.03 9.59 -2.83	103.96 9.78 -11.98	131.76 10.82 -35.03	154.85 13.81 -37.26	130.70 14.43 -6.90	108.48 10.72 -12.03	114.48 10.89 -17.86	111.84 11.18 -14.66	107.48 11.05 -10.78	106.86 10.52 -11.49	111.02 10.84 -14.80	129.49 11.60 -31.34	153.55 12.25 -53.81	185.24 16.38 -55.17	182.11 16.57 -50.53	162.04 11.39 -65.72	154.44 11.15 -58.19	142.21 10.18 -47.88	127.27 10.43 -32.69	122.16 9.96 -28.48
HOLTSVILLE_IC_7 23696	100.96 9.46 -10.57	98.47 8.76 -14.85	91.45 8.76 -7.83	91.02 8.76 -7.40	93.03 9.59 -2.83	103.96 9.78 -11.98	131.76 10.82 -35.03	154.85 13.81 -37.26	130.70 14.43 -6.90	108.48 10.72 -12.03	114.48 10.89 -17.86	111.84 11.18 -14.66	107.48 11.05 -10.78	106.86 10.52 -11.49	111.02 10.84 -14.80	129.49 11.60 -31.34	153.55 12.25 -53.81	185.24 16.38 -55.17	182.11 16.57 -50.53	162.04 11.39 -65.72	154.44 11.15 -58.19	142.21 10.18 -47.88	127.27 10.43 -32.69	122.16 9.96 -28.48
HOLTSVILLE_IC_8 23697	100.96 9.46 -10.57	98.47 8.76 -14.85	91.45 8.76 -7.83	91.02 8.76 -7.40	93.03 9.59 -2.83	103.96 9.78 -11.98	131.76 10.82 -35.03	154.85 13.81 -37.26	130.70 14.43 -6.90	108.48 10.72 -12.03	114.48 10.89 -17.86	111.84 11.18 -14.66	107.48 11.05 -10.78	106.86 10.52 -11.49	111.02 10.84 -14.80	129.49 11.60 -31.34	153.55 12.25 -53.81	185.24 16.38 -55.17	182.11 16.57 -50.53	162.04 11.39 -65.72	154.44 11.15 -58.19	142.21 10.18 -47.88	127.27 10.43 -32.69	122.16 9.96 -28.48
HOLTSVILLE_IC_9 23698	100.96 9.46 -10.57	98.47 8.76 -14.85	91.45 8.76 -7.83	91.02 8.76 -7.40	93.03 9.59 -2.83	103.96 9.78 -11.98	131.76 10.82 -35.03	154.85 13.81 -37.26	130.70 14.43 -6.90	108.48 10.72 -12.03	114.48 10.89 -17.86	111.84 11.18 -14.66	107.48 11.05 -10.78	106.86 10.52 -11.49	111.02 10.84 -14.80	129.49 11.60 -31.34	153.55 12.25 -53.81	185.24 16.38 -55.17	182.11 16.57 -50.53	162.04 11.39 -65.72	154.44 11.15 -58.19	142.21 10.18 -47.88	127.27 10.43 -32.69	122.16 9.96 -28.48
HOMER_HL_115KV_TB2 355744	74.88 -7.12 -1.07	69.70 -6.81 -1.65	69.53 -6.59 -1.25	68.96 -6.74 -0.83	77.79 -2.82 0.00	77.30 -6.41 -1.52	83.94 -6.44 -4.48	101.35 -9.13 -6.69	104.06 -6.12 -0.82	79.52 -7.72 -1.50	78.35 -8.23 -0.85	78.64 -8.43 -1.06	77.87 -8.39 -0.62	77.11 -8.48 -0.75	78.31 -8.20 -1.13	81.72 -8.22 -3.39	84.64 -8.14 -5.29	108.45 -10.46 -5.22	107.90 -10.58 -3.47	84.27 -7.73 -7.06	82.82 -8.34 -6.05	80.78 -8.25 -4.88	81.48 -7.74 -5.07	80.68 -6.61 -3.57
HOWARD_WT_PWR 323690	77.62 -4.53 -1.22	72.25 -4.49 -1.88	72.25 -4.04 -1.43	71.47 -4.34 -0.95	77.30 -3.31 0.00	80.63 -3.29 -1.73	88.43 -2.58 -5.09	107.25 -4.15 -7.62	106.37 -3.93 -0.95	83.24 -4.20 -1.71	81.98 -4.72 -0.97	82.14 -5.07 -1.21	81.38 -4.97 -0.71	80.52 -5.18 -0.85	81.63 -5.04 -1.29	85.99 -4.41 -3.85	89.91 -3.59 -6.01	115.98 -4.09 -6.37	115.55 -3.68 -4.23	90.03 -3.05 -8.15	89.44 -2.64 -6.98	87.42 -2.36 -5.63	87.73 -2.27 -5.85	86.11 -1.67 -4.06

HQ_GEN_CEDARS 23644	79.72 -1.21 0.00	73.82 -1.05 0.00	73.82 -1.05 0.00	73.82 -1.05 0.00	79.32 -1.29 0.00	79.98 -2.22 0.00	81.96 -3.95 0.00	100.67 -3.11 0.00	105.53 -3.83 0.00	81.53 -4.20 0.00	81.96 -3.77 0.00	82.04 -3.96 0.00	81.96 -3.68 0.00	81.96 -3.96 0.00	81.96 -3.42 0.00	82.40 -4.15 0.00	82.85 -4.64 0.00	107.44 -6.25 0.00	108.68 -6.33 0.00	80.69 -4.25 0.00	81.96 -3.15 0.00	81.96 -2.19 0.00	81.96 -2.19 0.00	81.96 -2.19 0.00
HQ_GEN_CEDARS_PROXY 323590	79.72 -1.21 0.00	73.82 -1.05 0.00	73.82 -1.05 0.00	73.82 -1.05 0.00	79.32 -1.29 0.00	79.98 -2.22 0.00	81.96 -3.95 0.00	100.68 -3.11 0.00	105.64 -3.72 0.00	81.96 -3.77 0.00	81.96 -3.77 0.00	81.96 -4.04 0.00	81.96 -3.68 0.00	81.96 -2.88 0.00	81.96 -3.42 0.00	81.96 -4.59 0.00	82.85 -4.64 0.00	107.44 -6.25 0.00	108.80 -6.21 0.00	81.96 -2.98 0.00	81.96 -3.15 0.00	81.96 -2.19 0.00	81.96 -2.19 0.00	81.96 -2.19 0.00
HQ_GEN_IMPORT 323601	79.63 -1.30 0.00	73.66 -1.20 0.00	73.66 -1.20 0.00	73.66 -1.20 0.00	79.24 -1.37 0.00	80.39 -1.81 0.00	80.39 -2.32 3.20	80.39 -2.49 20.91	80.39 -2.84 26.13	80.39 -2.23 3.11	80.39 -2.23 3.11	80.39 -2.24 3.37	80.39 -2.14 3.11	80.39 -2.04 2.42	80.39 -2.13 2.86	80.39 -2.33 3.83	80.39 -2.36 4.74	80.39 -3.06 30.24	80.39 -3.10 31.52	80.39 -1.95 2.60	80.39 -1.95 2.76	80.39 -1.77 1.99	80.39 -1.77 1.99	80.39 -1.59 1.74
HQ_GEN_WHEEL 23651	79.63 -1.30 0.00	73.66 -1.20 0.00	73.66 -1.20 0.00	73.66 -1.20 0.00	79.24 -1.37 0.00	80.39 -1.81 0.00	80.39 -2.32 3.20	80.39 -2.49 20.91	80.39 -2.84 26.13	80.39 -2.23 3.11	80.39 -2.23 3.11	80.39 -2.24 3.37	80.39 -2.14 3.11	80.39 -2.04 2.42	80.39 -2.13 2.86	80.39 -2.33 3.83	80.39 -2.36 4.74	80.39 -3.06 30.24	80.39 -3.10 31.52	80.39 -1.95 2.60	80.39 -1.95 2.76	80.39 -1.77 1.99	80.39 -1.77 1.99	80.39 -1.59 1.74
HUDSON AVE_GT_3 23810	93.24 6.96 -5.36	89.61 6.51 -8.23	87.63 6.51 -6.25	85.53 6.51 -4.15	87.71 7.09 0.00	96.92 7.15 -7.57	115.89 7.65 -22.33	147.29 10.07 -33.43	124.71 11.48 -3.87	102.51 9.26 -7.52	105.74 9.34 -10.67	103.37 9.37 -7.99	100.94 9.25 -6.05	100.75 9.16 -6.74	103.45 9.22 -8.85	112.72 9.26 -16.91	125.42 9.36 -28.56	165.77 11.94 -40.13	146.63 12.08 -19.55	128.59 8.41 -35.25	123.46 8.17 -30.18	116.15 7.66 -24.35	117.11 7.66 -25.30	109.32 7.20 -18.39
HUDSON AVE_GT_4 23540	93.24 6.96 -5.36	89.61 6.51 -8.23	87.63 6.51 -6.25	85.53 6.51 -4.15	87.71 7.09 0.00	96.92 7.15 -7.57	115.89 7.65 -22.33	147.29 10.07 -33.43	124.71 11.48 -3.87	102.51 9.26 -7.52	105.74 9.34 -10.67	103.37 9.37 -7.99	100.94 9.25 -6.05	100.75 9.16 -6.74	103.45 9.22 -8.85	112.72 9.26 -16.91	125.42 9.36 -28.56	165.77 11.94 -40.13	146.63 12.08 -19.55	128.59 8.41 -35.25	123.46 8.17 -30.18	116.15 7.66 -24.35	117.11 7.66 -25.30	109.32 7.20 -18.39
HUDSON AVE_GT_5 23657	93.24 6.96 -5.36	89.61 6.51 -8.23	87.63 6.51 -6.25	85.53 6.51 -4.15	87.71 7.09 0.00	96.92 7.15 -7.57	115.89 7.65 -22.33	147.29 10.07 -33.43	124.71 11.48 -3.87	102.51 9.26 -7.52	105.74 9.34 -10.67	103.37 9.37 -7.99	100.94 9.25 -6.05	100.75 9.16 -6.74	103.45 9.22 -8.85	112.72 9.26 -16.91	125.42 9.36 -28.56	165.77 11.94 -40.13	146.63 12.08 -19.55	128.59 8.41 -35.25	123.46 8.17 -30.18	116.15 7.66 -24.35	117.11 7.66 -25.30	109.32 7.20 -18.39
HUDSON_AVE_10 24168	93.08 6.80 -5.36	89.38 6.29 -8.23	87.56 6.44 -6.25	85.38 6.36 -4.15	87.54 6.93 0.00	96.75 6.99 -7.57	115.71 7.47 -22.33	147.08 9.86 -33.43	124.60 11.37 -3.87	102.33 9.09 -7.52	105.57 9.17 -10.67	103.20 9.20 -7.99	100.77 9.08 -6.05	100.58 8.99 -6.74	103.27 9.05 -8.85	112.55 9.09 -16.91	125.24 9.19 -28.56	165.54 11.71 -40.13	146.40 11.85 -19.55	128.42 8.24 -35.25	123.38 8.09 -30.18	115.99 7.49 -24.35	117.02 7.57 -25.30	109.23 7.12 -18.39
HUDSON___115KV_TB 4 355613	92.59 4.86 -6.81	89.67 4.34 -10.46	87.16 4.34 -7.95	84.56 4.42 -5.28	85.77 5.16 0.00	96.91 5.10 -9.62	119.19 4.90 -28.39	151.74 5.50 -42.45	124.21 6.12 -8.72	99.65 4.37 -9.54	92.93 4.54 -2.66	95.92 4.30 -5.62	92.61 4.28 -2.69	92.49 4.16 -3.49	95.28 4.10 -5.80	111.83 3.81 -21.47	124.17 4.11 -32.57	154.00 6.71 -33.60	149.05 5.98 -28.06	133.98 4.25 -44.80	127.73 4.26 -38.36	119.30 4.21 -30.94	120.77 4.46 -32.16	110.92 4.94 -22.26
HUNTER MOUNT___DRP 323613	92.54 5.02 -6.59	89.56 4.57 -10.12	87.05 4.49 -7.70	84.54 4.57 -5.11	86.34 5.72 0.00	96.94 5.43 -9.31	118.72 5.33 -27.48	151.00 6.12 -41.09	123.89 6.67 -7.86	99.51 4.54 -9.24	94.41 5.06 -3.62	96.52 4.64 -5.88	93.35 4.62 -3.09	93.29 4.58 -3.86	96.04 4.53 -6.14	111.23 3.89 -20.78	123.84 4.46 -31.89	155.83 7.96 -34.18	147.99 6.33 -26.66	132.72 4.42 -43.37	126.76 4.51 -37.14	118.48 4.38 -29.96	119.82 4.54 -31.13	110.24 4.86 -21.66
HUNTINGTON_RES_REC 323705	100.47 8.98 -10.56	98.01 8.31 -14.83	91.00 8.31 -7.83	90.57 8.31 -7.39	92.70 9.27 -2.82	103.62 9.45 -11.97	131.21 10.30 -34.99	153.91 12.87 -37.25	130.58 14.32 -6.90	108.64 10.89 -12.02	114.46 10.89 -17.84	111.57 10.92 -14.65	107.21 10.79 -10.78	106.94 10.60 -11.49	111.01 10.84 -14.79	129.28 11.42 -31.30	152.88 11.64 -53.75	183.83 15.01 -55.13	180.64 15.18 -50.45	161.03 10.44 -65.65	153.69 10.47 -58.12	141.98 10.01 -47.82	126.92 10.09 -32.68	121.71 9.54 -28.45
HUNTLEY___63 23557	74.86 -6.96 -0.89	69.65 -6.59 -1.37	69.47 -6.44 -1.04	68.97 -6.59 -0.69	74.00 -6.61 0.00	77.22 -6.25 -1.26	83.20 -6.44 -3.73	100.02 -9.34 -5.58	99.65 -10.39 -0.67	79.18 -7.80 -1.25	78.03 -8.40 -0.70	78.46 -8.43 -0.89	77.68 -8.48 -0.52	76.90 -8.57 -0.62	77.87 -8.45 -0.94	80.89 -8.48 -2.82	83.23 -8.66 -4.40	106.20 -11.60 -4.11	106.24 -11.50 -2.74	82.75 -8.07 -5.89	81.47 -8.68 -5.04	79.46 -8.75 -4.07	80.38 -7.99 -4.23	79.92 -6.78 -2.98
HUNTLEY___64 23558	74.86 -6.96 -0.89	69.65 -6.59 -1.37	69.47 -6.44 -1.04	68.97 -6.59 -0.69	74.00 -6.61 0.00	77.22 -6.25 -1.26	83.20 -6.44 -3.73	100.02 -9.34 -5.58	99.65 -10.39 -0.67	79.18 -7.80 -1.25	78.03 -8.40 -0.70	78.46 -8.43 -0.89	77.68 -8.48 -0.52	76.90 -8.57 -0.62	77.87 -8.45 -0.94	80.89 -8.48 -2.82	83.23 -8.66 -4.40	106.20 -11.60 -4.11	106.24 -11.50 -2.74	82.75 -8.07 -5.89	81.47 -8.68 -5.04	79.46 -8.75 -4.07	80.38 -7.99 -4.23	79.92 -6.78 -2.98
HUNTLEY___65 23559	74.86 -6.96 -0.89	69.65 -6.59 -1.37	69.47 -6.44 -1.04	68.97 -6.59 -0.69	74.00 -6.61 0.00	77.22 -6.25 -1.26	83.20 -6.44 -3.73	100.02 -9.34 -5.58	99.65 -10.39 -0.67	79.18 -7.80 -1.25	78.03 -8.40 -0.70	78.46 -8.43 -0.89	77.68 -8.48 -0.52	76.90 -8.57 -0.62	77.87 -8.45 -0.94	80.89 -8.48 -2.82	83.23 -8.66 -4.40	106.20 -11.60 -4.11	106.24 -11.50 -2.74	82.75 -8.07 -5.89	81.47 -8.68 -5.04	79.46 -8.75 -4.07	80.38 -7.99 -4.23	79.92 -6.78 -2.98
HUNTLEY___66 23560	74.86 -6.96 -0.89	69.65 -6.59 -1.37	69.47 -6.44 -1.04	68.97 -6.59 -0.69	74.00 -6.61 0.00	77.22 -6.25 -1.26	83.20 -6.44 -3.73	100.02 -9.34 -5.58	99.65 -10.39 -0.67	79.18 -7.80 -1.25	78.03 -8.40 -0.70	78.46 -8.43 -0.89	77.68 -8.48 -0.52	76.90 -8.57 -0.62	77.87 -8.45 -0.94	80.89 -8.48 -2.82	83.23 -8.66 -4.40	106.20 -11.60 -4.11	106.24 -11.50 -2.74	82.75 -8.07 -5.89	81.47 -8.68 -5.04	79.46 -8.75 -4.07	80.38 -7.99 -4.23	79.92 -6.78 -2.98

HUNTLEY___67 23561	74.64 -7.20 -0.91	69.45 -6.81 -1.40	69.27 -6.66 -1.06	68.76 -6.81 -0.71	73.92 -6.69 0.00	76.99 -6.49 -1.29	83.01 -6.70 -3.80	99.82 -9.65 -5.68	99.33 -10.72 -0.69	78.86 -8.14 -1.28	77.70 -8.74 -0.72	78.05 -8.86 -0.90	77.35 -8.82 -0.53	76.49 -8.99 -0.64	77.54 -8.79 -0.96	80.69 -8.74 -2.88	82.97 -9.01 -4.49	105.86 -11.94 -4.11	105.90 -11.85 -2.74	82.61 -8.32 -6.00	81.31 -8.94 -5.14	79.37 -8.92 -4.14	80.21 -8.25 -4.31	79.72 -7.03 -3.04
HUNTLEY___68 23562	74.64 -7.20 -0.91	69.45 -6.81 -1.40	69.27 -6.66 -1.06	68.76 -6.81 -0.71	73.92 -6.69 0.00	76.99 -6.49 -1.29	83.01 -6.70 -3.80	99.82 -9.65 -5.68	99.33 -10.72 -0.69	78.86 -8.14 -1.28	77.70 -8.74 -0.72	78.05 -8.86 -0.90	77.35 -8.82 -0.53	76.49 -8.99 -0.64	77.54 -8.79 -0.96	80.69 -8.74 -2.88	82.97 -9.01 -4.49	105.86 -11.94 -4.11	105.90 -11.85 -2.74	82.61 -8.32 -6.00	81.31 -8.94 -5.14	79.37 -8.92 -4.14	80.21 -8.25 -4.31	79.72 -7.03 -3.04
HYLAND___LFGE 323620	82.10 0.16 -1.01	76.26 -0.15 -1.55	76.19 0.15 -1.17	75.65 0.00 -0.78	81.10 0.49 0.00	85.18 1.56 -1.42	92.94 2.83 -4.20	107.05 -3.01 -6.28	105.21 -4.92 -0.77	83.29 -3.86 -1.41	81.81 -4.72 -0.79	82.18 -4.81 -1.00	81.43 -4.79 -0.58	80.54 -5.01 -0.70	81.74 -4.70 -1.06	86.09 -3.63 -3.18	89.82 -2.62 -4.95	115.64 -3.41 -5.36	115.22 -3.34 -3.55	88.67 -2.98 -6.71	92.82 1.96 -5.75	90.47 1.68 -4.64	90.40 1.43 -4.82	89.00 1.93 -3.35
INDECK___CORINTH 23802	94.02 5.83 -7.26	91.26 5.24 -11.15	88.58 5.24 -8.48	85.81 5.32 -5.63	86.42 5.81 0.00	98.46 6.00 -10.26	123.14 6.96 -30.27	157.67 8.61 -45.27	136.33 9.07 -17.90	102.68 6.77 -10.18	94.29 6.18 -2.39	97.74 5.93 -5.81	94.21 5.90 -2.66	94.13 5.77 -3.51	97.49 6.15 -5.96	115.85 6.40 -22.90	129.33 7.26 -34.59	158.89 10.12 -35.08	161.33 10.36 -35.97	139.56 7.22 -47.41	132.69 6.98 -40.60	123.55 6.65 -32.75	124.66 6.48 -34.04	113.49 6.11 -23.66
INDECK___ILION 23567	82.71 1.78 0.00	76.59 1.72 0.00	76.51 1.65 0.00	76.44 1.57 0.00	82.39 1.77 0.00	84.25 2.05 0.00	88.23 2.32 0.00	106.38 2.59 0.00	112.31 2.95 0.00	88.04 2.31 0.00	88.04 2.31 0.00	88.41 2.41 0.00	87.95 2.31 0.00	87.14 2.29 0.00	87.68 2.31 0.00	88.89 2.34 0.00	89.94 2.45 0.00	116.99 3.30 0.00	118.34 3.34 0.00	87.48 2.55 0.00	87.58 2.47 0.00	86.59 2.44 0.00	86.67 2.52 0.00	86.23 2.51 0.00
INDECK___OLEAN 23982	74.88 -7.12 -1.07	69.78 -6.74 -1.65	69.53 -6.59 -1.25	68.96 -6.74 -0.83	77.79 -2.82 0.00	77.30 -6.41 -1.52	83.94 -6.44 -4.48	101.35 -9.13 -6.70	104.94 -5.25 -0.82	79.35 -7.89 -1.51	78.35 -8.23 -0.85	78.64 -8.42 -1.07	77.87 -8.39 -0.62	77.11 -8.48 -0.75	78.31 -8.20 -1.13	81.98 -7.96 -3.39	84.64 -8.13 -5.29	108.22 -10.69 -5.22	107.79 -10.69 -3.47	83.78 -8.32 -7.16	82.90 -8.34 -6.13	80.85 -8.24 -4.95	81.55 -7.74 -5.14	80.68 -6.62 -3.57
INDECK___OSWEGO 23783	78.18 -3.16 -0.41	72.57 -2.92 -0.63	72.42 -2.92 -0.48	72.19 -3.00 -0.32	77.30 -3.31 0.00	79.74 -3.04 -0.58	84.69 -2.92 -1.70	102.64 -3.73 -2.58	105.21 -4.16 0.00	83.23 -3.08 -0.58	82.72 -3.17 -0.16	83.16 -3.18 -0.34	82.64 -3.17 -0.16	81.83 -3.22 -0.21	82.57 -3.16 -0.35	84.74 -3.11 -1.31	86.33 -3.15 -1.98	111.76 -3.98 -2.05	112.27 -4.03 -1.29	84.56 -3.14 -2.76	84.32 -3.15 -2.36	82.86 -3.20 -1.91	82.93 -3.20 -1.98	81.83 -3.27 -1.38
INDECK___YERKES 23781	74.94 -6.88 -0.89	69.73 -6.51 -1.37	69.55 -6.36 -1.04	69.05 -6.51 -0.69	74.09 -6.53 0.00	77.30 -6.17 -1.26	83.20 -6.44 -3.73	100.13 -9.24 -5.58	99.75 -10.28 -0.67	79.10 -7.89 -1.26	78.12 -8.31 -0.70	78.55 -8.34 -0.89	77.77 -8.39 -0.52	76.90 -8.57 -0.62	77.95 -8.36 -0.94	81.23 -8.14 -2.82	83.23 -8.66 -4.40	106.32 -11.48 -4.11	106.25 -11.50 -2.74	82.07 -8.84 -5.97	81.63 -8.59 -5.11	79.61 -8.67 -4.12	80.52 -7.91 -4.28	80.00 -6.70 -2.98
INDIAN POINT_GT_1 24139	92.13 5.91 -5.29	88.46 5.47 -8.12	86.51 5.47 -6.18	84.43 5.47 -4.10	86.50 5.88 0.00	95.76 6.08 -7.47	114.49 6.53 -22.05	145.18 8.41 -32.99	122.81 9.62 -3.82	100.78 7.63 -7.42	103.98 7.80 -10.45	101.77 7.91 -7.86	99.37 7.79 -5.94	99.18 7.72 -6.62	101.84 7.77 -8.69	111.02 7.79 -16.68	123.61 7.96 -28.16	163.41 10.23 -39.48	144.65 10.35 -19.29	126.76 7.05 -34.78	121.79 6.89 -29.78	114.65 6.48 -24.03	115.51 6.40 -24.97	107.89 6.03 -18.14
INDIAN POINT_GT_2 23659	92.13 5.91 -5.29	88.46 5.47 -8.12	86.51 5.47 -6.18	84.43 5.47 -4.10	86.50 5.88 0.00	95.76 6.08 -7.47	114.49 6.53 -22.05	145.18 8.41 -32.99	122.81 9.62 -3.82	100.78 7.63 -7.42	103.98 7.80 -10.45	101.77 7.91 -7.86	99.37 7.79 -5.94	99.18 7.72 -6.62	101.84 7.77 -8.69	111.02 7.79 -16.68	123.61 7.96 -28.16	163.41 10.23 -39.48	144.65 10.35 -19.29	126.76 7.05 -34.78	121.79 6.89 -29.78	114.65 6.48 -24.03	115.51 6.40 -24.97	107.89 6.03 -18.14
INDIAN POINT_GT_3 24019	92.13 5.91 -5.29	88.46 5.47 -8.12	86.51 5.47 -6.18	84.43 5.47 -4.10	86.50 5.88 0.00	95.76 6.08 -7.47	114.49 6.53 -22.05	145.18 8.41 -32.99	122.81 9.62 -3.82	100.78 7.63 -7.42	103.98 7.80 -10.45	101.77 7.91 -7.86	99.37 7.79 -5.94	99.18 7.72 -6.62	101.84 7.77 -8.69	111.02 7.79 -16.68	123.61 7.96 -28.16	163.41 10.23 -39.48	144.65 10.35 -19.29	126.76 7.05 -34.78	121.79 6.89 -29.78	114.65 6.48 -24.03	115.51 6.40 -24.97	107.89 6.03 -18.14
INDIAN POINT___2 23530	91.90 5.75 -5.23	88.29 5.39 -8.03	86.28 5.32 -6.10	84.24 5.32 -4.05	86.34 5.72 0.00	95.50 5.92 -7.38	114.06 6.36 -21.79	144.53 8.20 -32.54	122.43 9.29 -3.78	100.33 7.28 -7.32	103.59 7.63 -10.23	101.37 7.65 -7.72	99.08 7.62 -5.82	98.88 7.55 -6.49	101.51 7.60 -8.54	110.71 7.70 -16.46	122.94 7.70 -27.75	162.52 10.01 -38.82	144.04 10.00 -19.03	127.50 6.71 -35.85	122.46 6.64 -30.71	115.23 6.31 -24.77	116.03 6.14 -25.74	107.39 5.77 -17.89
INDIAN POINT___3 23531	92.06 5.83 -5.30	88.41 5.39 -8.15	86.30 5.24 -6.19	84.22 5.24 -4.12	86.25 5.64 0.00	95.53 5.84 -7.50	114.22 6.19 -22.12	144.66 7.99 -32.88	122.38 9.19 -3.83	100.41 7.29 -7.39	103.68 7.54 -10.40	101.39 7.57 -7.82	99.09 7.54 -5.91	98.90 7.47 -6.59	101.46 7.43 -8.65	110.62 7.44 -16.63	123.17 7.61 -28.06	162.80 9.78 -39.32	144.13 9.89 -19.23	126.31 6.71 -34.67	121.35 6.55 -29.69	114.32 6.23 -23.95	115.18 6.14 -24.89	107.50 5.69 -18.08
INGHAM_C_115KV_TB7 356103	84.00 3.08 0.00	77.71 2.84 0.00	77.56 2.70 0.00	77.56 2.70 0.00	83.59 2.98 0.00	85.49 3.29 0.00	89.60 3.69 0.00	107.94 4.15 0.00	114.06 4.70 0.00	89.42 3.69 0.00	89.59 3.86 0.00	89.96 3.96 0.00	89.49 3.85 0.00	88.58 3.73 0.00	89.22 3.84 0.00	90.36 3.81 0.00	91.43 3.94 0.00	118.92 5.23 0.00	120.41 5.41 0.00	89.10 4.16 0.00	89.28 4.17 0.00	88.44 4.29 0.00	88.61 4.46 0.00	88.24 4.52 0.00
IP CORINTH___1 23988	94.02 5.83 -7.26	91.26 5.24 -11.15	88.58 5.24 -8.48	85.81 5.32 -5.63	86.42 5.80 0.00	98.46 6.00 -10.26	123.14 6.96 -30.27	157.67 8.61 -45.27	136.33 9.08 -17.90	102.68 6.77 -10.18	94.29 6.17 -2.39	97.74 5.93 -5.81	94.21 5.91 -2.66	94.12 5.77 -3.51	97.49 6.15 -5.96	115.85 6.40 -22.90	129.34 7.26 -34.59	158.93 10.12 -35.12	161.21 10.24 -35.97	139.88 7.22 -47.72	132.96 6.98 -40.87	123.76 6.65 -32.97	124.89 6.48 -34.26	113.49 6.11 -23.66

IP__TICONDEROGA 23804	97.00 8.82 -7.25	93.87 7.86 -11.14	91.12 7.79 -8.47	88.50 8.01 -5.63	89.32 8.71 0.00	101.49 9.04 -10.25	126.80 10.65 -30.24	162.29 13.28 -45.22	140.90 13.78 -17.76	106.19 10.29 -10.17	97.39 9.26 -2.40	100.66 8.86 -5.81	97.13 8.82 -2.67	97.01 8.65 -3.51	100.56 9.22 -5.96	118.85 9.43 -22.87	132.98 10.94 -34.55	164.26 15.46 -35.10	166.48 15.64 -35.83	143.56 10.96 -47.67	136.48 10.55 -40.82	127.09 10.01 -32.93	128.04 9.68 -34.22	116.56 9.21 -23.63
ISLIP_RES_REC 323679	101.61 9.87 -10.81	98.91 9.13 -14.91	91.90 9.13 -7.91	91.47 9.13 -7.48	93.51 9.99 -2.90	104.41 10.19 -12.02	132.35 11.34 -35.10	155.71 14.53 -37.39	131.50 15.10 -7.05	109.29 11.32 -12.24	115.32 11.40 -18.19	112.67 11.69 -14.97	108.12 11.48 -11.00	107.51 10.95 -11.72	111.81 11.36 -15.07	130.26 12.12 -31.59	154.30 12.87 -53.95	186.26 17.27 -55.29	183.03 17.37 -50.66	162.86 11.98 -65.95	155.05 11.66 -58.28	142.85 10.69 -48.01	128.03 10.93 -32.95	122.68 10.38 -28.58
JAMAICA__27_KV_LOAD 355505	93.73 7.45 -5.36	89.90 6.81 -8.23	88.23 7.11 -6.25	86.06 7.04 -4.15	88.27 7.66 0.00	97.41 7.64 -7.57	116.49 8.25 -22.33	148.22 11.00 -33.43	125.91 12.69 -3.87	103.36 10.12 -7.52	106.43 10.03 -10.67	103.97 9.98 -7.99	101.54 9.85 -6.05	101.26 9.67 -6.74	104.04 9.82 -8.85	113.41 9.95 -16.91	126.20 10.15 -28.56	166.56 12.73 -40.13	147.44 12.88 -19.55	129.44 9.26 -35.25	124.40 9.11 -30.18	116.83 8.33 -24.35	118.03 8.58 -25.30	110.24 8.12 -18.39
JANIS__SOLAR 323808	86.61 4.13 -1.56	81.07 3.82 -2.39	80.35 3.67 -1.82	79.74 3.67 -1.21	85.12 4.51 0.00	89.74 5.34 -2.20	98.93 6.53 -6.49	121.07 7.57 -9.71	118.65 7.77 -1.52	92.97 5.06 -2.18	91.77 4.80 -1.24	92.28 4.73 -1.55	91.08 4.54 -0.91	90.43 4.49 -1.09	91.88 4.86 -1.64	97.01 5.54 -4.91	101.11 5.95 -7.67	130.71 8.41 -8.60	129.67 8.74 -5.93	101.44 6.12 -10.38	99.96 5.96 -8.89	96.79 5.47 -7.17	96.74 5.13 -7.45	94.10 5.19 -5.18
JARVIS____ 23743	81.66 0.73 0.00	75.54 0.67 0.00	75.54 0.67 0.00	75.54 0.67 0.00	81.34 0.72 0.00	83.10 0.91 0.00	86.95 1.03 0.00	104.93 1.14 0.00	110.68 1.32 0.00	86.67 0.94 0.00	86.76 1.03 0.00	87.04 1.04 0.00	86.67 1.03 0.00	85.78 0.94 0.00	86.41 1.03 0.00	87.59 1.04 0.00	88.54 1.05 0.00	115.06 1.37 0.00	116.39 1.39 0.00	85.87 0.94 0.00	86.05 0.94 0.00	84.99 0.84 0.00	85.08 0.93 0.00	84.56 0.84 0.00
JENNISON__1 23625	87.13 4.21 -1.99	81.96 4.04 -3.06	81.01 3.82 -2.32	80.23 3.82 -1.54	85.37 4.76 0.00	90.52 5.51 -2.81	100.73 6.53 -8.30	123.56 7.37 -12.40	119.70 8.09 -2.25	93.83 5.32 -2.79	92.46 5.14 -1.59	93.14 5.16 -1.98	91.68 4.88 -1.16	91.16 4.92 -1.40	92.60 5.12 -2.10	98.54 5.71 -6.27	103.41 6.12 -9.79	133.09 8.41 -10.99	131.54 8.74 -7.79	104.47 6.46 -13.08	102.43 6.13 -11.20	98.74 5.55 -9.03	98.84 5.30 -9.39	95.70 5.36 -6.62
JENNISON__2 23626	87.13 4.21 -1.99	81.96 4.04 -3.06	81.01 3.82 -2.32	80.23 3.82 -1.54	85.37 4.76 0.00	90.52 5.51 -2.81	100.73 6.53 -8.30	123.56 7.37 -12.40	119.70 8.09 -2.25	93.83 5.32 -2.79	92.46 5.14 -1.59	93.14 5.16 -1.98	91.68 4.88 -1.16	91.16 4.92 -1.40	92.60 5.12 -2.10	98.54 5.71 -6.27	103.41 6.12 -9.79	133.09 8.41 -10.99	131.54 8.74 -7.79	104.47 6.46 -13.08	102.43 6.13 -11.20	98.74 5.55 -9.03	98.84 5.30 -9.39	95.70 5.36 -6.62
JERICHO_RISE_WT_PWR 323719	79.39 -1.54 0.00	73.52 -1.35 0.00	73.52 -1.35 0.00	73.59 -1.27 0.00	79.08 -1.53 0.00	79.98 -2.22 0.00	82.73 -3.18 0.00	100.37 -3.42 0.00	104.98 -4.38 0.00	82.73 -3.00 0.00	82.73 -3.00 0.00	83.08 -2.92 0.00	82.73 -2.91 0.00	82.21 -2.63 0.00	82.47 -2.90 0.00	83.44 -3.11 0.00	84.60 -2.89 0.00	109.71 -3.98 0.00	110.98 -4.03 0.00	82.65 -2.29 0.00	82.98 -2.12 0.00	82.38 -1.77 0.00	82.38 -1.77 0.00	82.38 -1.34 0.00
KATONAH__115KV_46KV_TB4 355592	92.99 6.64 -5.42	89.41 6.21 -8.33	87.34 6.14 -6.33	85.21 6.14 -4.21	87.30 6.69 0.00	96.85 6.99 -7.66	116.00 7.47 -22.62	147.20 9.55 -33.86	124.11 10.83 -3.92	102.00 8.66 -7.61	105.49 8.92 -10.85	103.06 8.94 -8.11	100.52 8.74 -6.15	100.34 8.65 -6.84	103.15 8.79 -8.98	112.42 8.74 -17.12	125.44 9.01 -28.94	166.23 11.82 -40.71	146.66 11.85 -19.80	128.79 8.15 -35.70	123.51 7.83 -30.57	116.21 7.41 -24.66	117.01 7.24 -25.63	109.22 6.87 -18.63
KCE_NY_1 323755	93.67 5.51 -7.24	90.93 4.94 -11.12	88.26 4.94 -8.45	85.42 4.94 -5.62	86.10 5.48 0.00	98.02 5.59 -10.23	122.37 6.27 -30.19	156.51 7.57 -45.15	135.02 8.09 -17.57	101.88 6.00 -10.15	93.72 5.57 -2.42	97.31 5.51 -5.81	93.80 5.49 -2.67	93.80 5.43 -3.52	97.06 5.72 -5.96	115.35 5.97 -22.83	128.47 6.47 -34.50	157.60 8.87 -35.03	159.62 8.98 -35.64	138.58 6.37 -47.27	131.80 6.21 -40.48	122.87 6.06 -32.66	124.06 5.98 -33.94	113.01 5.70 -23.59
KCE_NY_6_ESR 323823	75.16 -6.72 -0.95	69.96 -6.36 -1.46	69.76 -6.21 -1.11	69.31 -6.29 -0.74	75.21 -5.40 0.00	77.62 -5.92 -1.34	83.86 -6.02 -3.96	101.00 -8.72 -5.93	101.44 -8.64 -0.72	79.52 -7.54 -1.33	78.51 -7.97 -0.75	78.86 -8.09 -0.94	78.05 -8.14 -0.55	77.28 -8.23 -0.66	78.35 -8.03 -1.00	81.85 -7.70 -3.00	84.04 -8.13 -4.68	107.30 -10.80 -4.41	107.14 -10.82 -2.94	82.96 -8.32 -6.34	82.37 -8.17 -5.43	80.37 -8.16 -4.38	81.21 -7.49 -4.55	80.52 -6.37 -3.16
KEDC_PORT_JEFF_GT2 24210	100.83 9.46 -10.44	98.43 8.76 -14.81	91.41 8.76 -7.79	90.98 8.76 -7.36	92.99 9.59 -2.79	103.93 9.78 -11.96	131.72 10.82 -34.98	154.78 13.81 -37.19	130.85 14.66 -6.83	108.62 10.98 -11.92	114.47 11.06 -17.67	111.67 11.18 -14.49	107.36 11.05 -10.66	106.91 10.69 -11.37	111.04 11.02 -14.65	129.51 11.77 -31.19	153.47 12.25 -53.74	185.17 16.38 -55.10	182.03 16.57 -50.46	161.82 11.30 -65.59	154.39 11.15 -58.13	142.22 10.26 -47.81	127.22 10.52 -32.55	122.10 9.96 -28.42
KEDC_PORT_JEFF_GT3 24211	100.83 9.46 -10.44	98.43 8.76 -14.81	91.41 8.76 -7.79	90.98 8.76 -7.36	92.99 9.59 -2.79	103.93 9.78 -11.96	131.72 10.82 -34.98	154.78 13.81 -37.19	130.85 14.66 -6.83	108.62 10.98 -11.92	114.47 11.06 -17.67	111.67 11.18 -14.49	107.36 11.05 -10.66	106.91 10.69 -11.37	111.04 11.02 -14.65	129.51 11.77 -31.19	153.47 12.25 -53.74	185.17 16.38 -55.10	182.03 16.57 -50.46	161.82 11.30 -65.59	154.39 11.15 -58.13	142.22 10.26 -47.81	127.22 10.52 -32.55	122.10 9.96 -28.42
KEDC_GLWD_GT4 24219	114.78 7.85 -26.01	99.38 7.26 -17.25	94.81 7.26 -12.69	93.72 7.26 -11.59	95.43 7.90 -6.91	103.85 8.06 -13.59	131.32 8.33 -37.08	159.46 10.38 -45.29	136.98 11.71 -15.91	120.89 9.77 -25.39	134.79 9.94 -39.12	130.36 9.97 -34.39	120.36 9.93 -24.79	120.26 9.84 -25.57	127.68 9.90 -32.41	141.53 9.61 -45.37	153.52 9.62 -56.40	185.66 12.51 -59.46	178.42 12.54 -50.87	167.39 8.49 -73.96	151.24 8.51 -57.62	143.22 8.08 -50.99	141.08 7.91 -49.02	124.71 8.04 -32.95
KEDC_GLWD_GT5 24220	114.78 7.85 -26.01	99.38 7.26 -17.25	94.81 7.26 -12.69	93.72 7.26 -11.59	95.43 7.90 -6.91	103.85 8.06 -13.59	131.32 8.33 -37.08	159.46 10.38 -45.29	136.98 11.71 -15.91	120.89 9.77 -25.39	134.79 9.94 -39.12	130.36 9.97 -34.39	120.36 9.93 -24.79	120.26 9.84 -25.57	127.68 9.90 -32.41	141.53 9.61 -45.37	153.52 9.62 -56.40	185.66 12.51 -59.46	178.42 12.54 -50.87	167.39 8.49 -73.96	151.24 8.51 -57.62	143.22 8.08 -50.99	141.08 7.91 -49.02	124.71 8.04 -32.95

KENSICO____ 23655	92.59 6.31 -5.34	88.92 5.84 -8.21	87.02 5.91 -6.24	84.85 5.84 -4.15	86.98 6.37 0.00	96.25 6.49 -7.55	115.16 6.96 -22.29	146.19 9.03 -33.37	123.50 10.28 -3.86	101.38 8.14 -7.50	104.69 8.32 -10.64	102.32 8.34 -7.97	99.99 8.31 -6.04	99.80 8.23 -6.72	102.48 8.28 -8.83	111.74 8.31 -16.88	124.48 8.49 -28.51	164.65 10.91 -40.04	145.56 11.04 -19.51	127.68 7.56 -35.18	122.56 7.32 -30.13	115.35 6.90 -24.30	116.22 6.82 -25.26	108.53 6.45 -18.36
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	94.00 7.93 -5.14	90.09 7.34 -7.89	88.13 7.26 -6.00	86.11 7.26 -3.99	88.27 7.66 0.00	97.92 8.47 -7.26	116.44 9.11 -21.42	147.11 11.31 -32.01	125.87 12.36 -4.15	102.02 9.09 -7.20	102.87 8.66 -8.48	101.19 8.26 -6.93	98.86 8.22 -5.00	98.55 8.06 -5.64	101.26 8.28 -7.60	111.74 9.00 -16.19	124.23 9.97 -26.76	162.53 13.19 -35.65	146.98 12.88 -19.09	127.47 8.75 -33.79	122.73 8.68 -28.94	115.57 8.08 -23.34	116.06 7.66 -24.26	108.56 7.37 -17.47
KIAC_JFK_GT1 23816	92.84 6.56 -5.36	89.16 6.06 -8.23	87.71 6.59 -6.25	85.53 6.51 -4.15	87.71 7.09 0.00	96.59 6.82 -7.57	115.63 7.39 -22.33	147.08 9.86 -33.43	124.71 11.48 -3.87	102.51 9.26 -7.52	105.83 9.43 -10.67	103.37 9.37 -7.99	100.94 9.25 -6.05	100.75 9.16 -6.74	103.45 9.22 -8.85	112.81 9.35 -16.91	125.59 9.54 -28.56	165.31 11.48 -40.13	146.17 11.62 -19.55	128.76 8.58 -35.25	123.72 8.43 -30.18	116.24 7.74 -24.35	117.44 7.99 -25.30	109.65 7.53 -18.39
KIAC_JFK_GT2 23817	92.84 6.56 -5.36	89.16 6.06 -8.23	87.71 6.59 -6.25	85.53 6.51 -4.15	87.71 7.09 0.00	96.59 6.82 -7.57	115.63 7.39 -22.33	147.08 9.86 -33.43	124.71 11.48 -3.87	102.51 9.26 -7.52	105.83 9.43 -10.67	103.37 9.37 -7.99	100.94 9.25 -6.05	100.75 9.16 -6.74	103.45 9.22 -8.85	112.81 9.35 -16.91	125.59 9.54 -28.56	165.31 11.48 -40.13	146.17 11.62 -19.55	128.76 8.58 -35.25	123.72 8.43 -30.18	116.24 7.74 -24.35	117.44 7.99 -25.30	109.65 7.53 -18.39
KIAC_JFK____ 323774	92.84 6.55 -5.36	89.15 6.06 -8.23	87.71 6.59 -6.25	85.53 6.51 -4.15	87.71 7.10 0.00	96.58 6.82 -7.57	115.63 7.39 -22.33	147.09 9.87 -33.43	124.71 11.48 -3.87	102.33 9.08 -7.52	105.75 9.35 -10.67	103.37 9.38 -7.99	100.95 9.25 -6.05	100.75 9.17 -6.74	103.45 9.22 -8.85	112.89 9.44 -16.91	125.59 9.54 -28.56	165.30 11.48 -40.13	146.29 11.74 -19.55	130.29 8.49 -36.86	125.10 8.43 -31.57	117.35 7.74 -25.46	118.61 8.00 -26.46	109.65 7.54 -18.39
KINTIGH____ 23543	75.89 -5.83 -0.79	70.61 -5.47 -1.21	70.40 -5.39 -0.92	70.01 -5.47 -0.61	74.08 -6.53 0.00	78.14 -5.18 -1.11	83.96 -5.24 -3.29	101.13 -7.58 -4.92	100.21 -9.73 -0.59	80.32 -6.52 -1.11	79.32 -7.03 -0.62	79.73 -7.05 -0.78	79.07 -7.02 -0.45	78.18 -7.21 -0.55	79.12 -7.09 -0.83	81.94 -7.10 -2.49	84.20 -7.17 -3.88	108.92 -9.66 -4.89	108.66 -9.55 -3.20	83.50 -6.62 -5.19	82.41 -7.15 -4.45	80.50 -7.24 -3.59	81.14 -6.73 -3.73	80.66 -5.69 -2.63
KNTFSRNC_46_KV_46KV_LOAD 80397	80.85 -0.08 0.00	74.94 0.07 0.00	74.94 0.07 0.00	75.01 0.15 0.00	80.69 0.08 0.00	81.46 -0.74 0.00	84.19 -1.72 0.00	102.02 -1.76 0.00	105.86 -3.50 0.00	83.93 -1.80 0.00	84.02 -1.71 0.00	84.37 -1.63 0.00	84.01 -1.63 0.00	83.40 -1.44 0.00	83.67 -1.71 0.00	84.99 -1.56 0.00	86.18 -1.31 0.00	111.65 -2.05 0.00	113.05 -1.96 0.00	83.83 -1.10 0.00	84.60 -0.51 0.00	83.90 -0.25 0.00	83.81 -0.34 0.00	84.14 0.42 0.00
LACHUTE____HYDRO 323717	97.00 8.82 -7.25	93.86 7.86 -11.14	91.12 7.79 -8.47	88.51 8.01 -5.63	89.32 8.71 0.00	101.49 9.04 -10.25	126.80 10.65 -30.24	162.30 13.29 -45.22	141.01 13.89 -17.76	106.18 10.28 -10.17	97.39 9.26 -2.40	100.67 8.86 -5.81	97.13 8.82 -2.67	97.02 8.66 -3.51	100.56 9.22 -5.96	118.94 9.52 -22.87	132.98 10.94 -34.55	164.22 15.46 -35.06	166.60 15.76 -35.83	143.16 10.87 -47.35	136.21 10.55 -40.55	126.87 10.01 -32.71	127.82 9.67 -33.99	116.56 9.21 -23.63
LAWRNCV_115KV_TB1 80681	79.31 -1.62 0.00	73.52 -1.35 0.00	73.44 -1.42 0.00	73.52 -1.35 0.00	78.76 -1.85 0.00	79.24 -2.96 0.00	80.84 -5.07 0.00	99.22 -4.57 0.00	104.11 -5.25 0.00	80.50 -5.23 0.00	80.93 -4.80 0.00	81.36 -4.64 0.00	81.19 -4.45 0.00	81.20 -3.65 0.00	81.19 -4.18 0.00	81.53 -5.02 0.00	81.98 -5.51 0.00	106.30 -7.39 0.00	107.53 -7.48 0.00	79.84 -5.10 0.00	81.11 -4.00 0.00	81.46 -2.69 0.00	81.62 -2.52 0.00	81.80 -1.93 0.00
LEDERLE____ 23769	91.83 5.75 -5.15	88.17 5.39 -7.91	86.20 5.32 -6.02	84.18 5.32 -4.00	86.34 5.72 0.00	95.40 5.92 -7.28	113.75 6.36 -21.48	144.00 8.20 -32.01	122.49 9.41 -3.73	100.30 7.37 -7.20	103.33 7.63 -9.97	101.12 7.57 -7.55	98.95 7.62 -5.68	98.74 7.55 -6.34	101.24 7.51 -8.35	110.27 7.53 -16.19	122.37 7.61 -27.27	161.74 10.01 -38.04	143.74 10.01 -18.72	125.48 6.79 -33.75	120.65 6.64 -28.91	113.78 6.31 -23.32	114.52 6.14 -24.23	107.09 5.78 -17.59
LIGHTHSE_115KV_TB6 355974	80.11 -1.21 -0.40	74.35 -1.12 -0.61	74.06 -1.27 -0.46	73.75 -1.42 -0.31	79.00 -1.61 0.00	81.69 -1.07 -0.56	86.71 -0.86 -1.66	104.81 -1.45 -2.48	107.72 -1.64 0.00	85.00 -1.29 -0.56	84.69 -1.20 -0.16	85.04 -1.29 -0.33	84.52 -1.28 -0.16	83.70 -1.36 -0.21	84.53 -1.20 -0.35	86.47 -1.38 -1.30	88.15 -1.31 -1.98	114.25 -1.48 -2.04	114.75 -1.50 -1.23	86.55 -1.10 -2.72	86.07 -1.36 -2.33	84.85 -1.18 -1.88	84.75 -1.35 -1.95	83.76 -1.34 -1.37
LINDEN COGEN____ 23786	92.60 6.32 -5.36	89.00 5.91 -8.23	87.03 5.91 -6.25	84.93 5.91 -4.15	86.98 6.37 0.00	96.26 6.49 -7.57	115.20 6.96 -22.33	145.61 9.03 -32.80	123.73 10.50 -3.87	101.65 8.41 -7.52	104.97 8.57 -10.67	102.59 8.60 -7.99	100.26 8.56 -6.05	100.07 8.48 -6.74	102.76 8.54 -8.85	112.11 8.65 -16.91	124.63 8.58 -28.56	159.04 10.92 -34.43	138.80 11.04 -12.75	122.49 7.48 -30.08	120.03 7.40 -27.52	116.59 6.98 -25.46	117.51 6.90 -26.46	108.56 6.45 -18.39
LINDHRST_69_KV_BK1 356055	106.24 9.55 -15.76	100.19 8.83 -16.49	93.57 8.83 -9.87	93.07 8.83 -9.37	94.91 9.59 -4.71	105.06 9.78 -13.07	133.23 10.82 -36.49	157.52 13.70 -40.03	134.06 14.76 -9.93	113.74 11.49 -16.52	122.14 11.40 -25.01	118.65 11.35 -21.30	112.44 11.30 -15.50	112.19 11.11 -16.23	117.45 11.36 -20.72	135.09 11.86 -36.68	155.90 12.16 -56.25	187.22 16.03 -57.49	183.86 16.22 -52.63	164.79 11.30 -68.55	154.51 11.06 -58.34	143.77 10.43 -49.18	131.57 10.35 -37.07	124.13 9.88 -30.53
LIPA_MISC_IPP 23656	100.19 8.98 -10.27	97.95 8.31 -14.77	90.91 8.31 -7.73	90.48 8.31 -7.31	92.46 9.11 -2.74	103.25 9.12 -11.93	131.24 10.40 -34.94	154.17 13.28 -37.10	129.43 13.34 -6.73	107.62 10.12 -11.77	113.55 10.37 -17.45	110.69 10.41 -14.28	106.43 10.28 -10.52	106.00 9.93 -11.23	110.17 10.33 -14.46	128.57 10.99 -31.03	152.78 11.64 -53.66	184.42 15.69 -55.03	181.16 15.76 -50.39	159.73 10.96 -63.83	152.36 10.55 -56.70	140.35 9.59 -46.61	124.96 9.59 -31.21	121.45 9.38 -28.35
LISF____SOLAR 323691	100.41 9.14 -10.34	98.04 8.38 -14.79	91.00 8.38 -7.75	90.65 8.46 -7.33	92.64 9.27 -2.76	103.43 9.29 -11.94	131.34 10.48 -34.96	154.32 13.39 -37.14	129.91 13.78 -6.77	107.76 10.20 -11.83	113.72 10.46 -17.54	110.94 10.58 -14.37	106.57 10.36 -10.57	106.22 10.09 -11.28	110.32 10.41 -14.53	128.81 11.17 -31.09	152.99 11.81 -53.69	184.79 16.03 -55.06	181.53 16.10 -50.42	161.48 11.04 -65.51	154.02 10.81 -58.11	141.50 9.59 -47.76	126.60 10.01 -32.44	121.64 9.54 -28.38

LITTLE FALLS___HYD 24013	84.00 3.08 0.00	77.71 2.84 0.00	77.56 2.70 0.00	77.56 2.70 0.00	83.59 2.98 0.00	85.49 3.29 0.00	89.60 3.69 0.00	107.94 4.15 0.00	114.06 4.70 0.00	89.42 3.69 0.00	89.59 3.86 0.00	89.96 3.96 0.00	89.49 3.85 0.00	88.58 3.73 0.00	89.22 3.84 0.00	90.36 3.81 0.00	91.43 3.94 0.00	118.92 5.23 0.00	120.41 5.41 0.00	89.10 4.16 0.00	89.28 4.17 0.00	88.44 4.29 0.00	88.61 4.46 0.00	88.24 4.52 0.00
LITTLRIV_115KV_TB1 356100	80.20 -0.73 0.00	74.42 -0.45 0.00	74.27 -0.60 0.00	74.34 -0.52 0.00	79.73 -0.89 0.00	80.39 -1.81 0.00	82.22 -3.69 0.00	100.78 -3.01 0.00	105.64 -3.72 0.00	81.62 -4.12 0.00	82.04 -3.69 0.00	82.39 -3.61 0.00	82.21 -3.43 0.00	82.21 -2.63 0.00	82.22 -3.16 0.00	82.66 -3.89 0.00	83.20 -4.29 0.00	108.01 -5.68 0.00	109.26 -5.75 0.00	81.11 -3.82 0.00	82.30 -2.81 0.00	82.55 -1.60 0.00	82.63 -1.51 0.00	82.72 -1.00 0.00
LI_NEWBRDGE___DRP 323616	95.78 8.01 -6.84	96.26 7.49 -13.90	88.97 7.49 -6.62	88.60 7.49 -6.25	90.48 8.14 -1.73	101.85 8.30 -11.35	128.71 8.93 -33.86	150.36 11.31 -35.25	126.55 12.47 -4.73	104.39 9.86 -8.80	108.22 9.77 -12.71	105.69 9.80 -9.89	102.80 9.76 -7.40	102.61 9.67 -8.09	105.65 9.73 -10.54	123.99 10.04 -27.40	149.38 10.06 -51.83	180.03 12.96 -53.38	176.85 13.11 -48.73	154.68 9.09 -60.66	149.49 8.94 -55.45	137.47 8.50 -44.82	120.27 8.58 -27.54	118.84 8.20 -26.92
LOCKPORT_115KV_TB60_63_64 80432	74.18 -7.61 -0.86	68.85 -7.34 -1.32	68.83 -7.04 -1.00	68.34 -7.19 -0.67	73.12 -7.50 0.00	76.42 -6.99 -1.21	82.36 -7.13 -3.58	99.06 -10.07 -5.34	98.41 -11.59 -0.64	78.36 -8.57 -1.20	77.23 -9.17 -0.67	77.65 -9.20 -0.85	76.89 -9.25 -0.49	76.11 -9.33 -0.60	77.06 -9.22 -0.90	80.00 -9.26 -2.71	82.26 -9.45 -4.22	105.24 -12.51 -4.05	105.16 -12.54 -2.69	81.74 -8.83 -5.64	80.58 -9.36 -4.83	78.62 -9.42 -3.90	79.45 -8.75 -4.05	79.04 -7.53 -2.85
LOCKPORT___CC1 323769	73.94 -7.85 -0.86	68.71 -7.49 -1.33	68.61 -7.26 -1.01	68.20 -7.33 -0.67	72.87 -7.74 0.00	76.19 -7.23 -1.22	82.12 -7.39 -3.60	98.80 -10.38 -5.39	98.09 -11.92 -0.65	77.94 -9.00 -1.21	76.98 -9.43 -0.68	77.40 -9.46 -0.86	76.63 -9.51 -0.50	75.86 -9.59 -0.60	76.81 -9.48 -0.91	80.02 -9.26 -2.73	82.03 -9.71 -4.25	104.90 -12.85 -4.05	104.71 -13.00 -2.70	80.85 -9.85 -5.77	80.43 -9.62 -4.94	78.46 -9.67 -3.98	79.37 -8.92 -4.14	78.90 -7.70 -2.88
LOCKPORT___CC2 323770	73.94 -7.85 -0.86	68.71 -7.49 -1.33	68.61 -7.26 -1.01	68.20 -7.33 -0.67	72.87 -7.74 0.00	76.19 -7.23 -1.22	82.12 -7.39 -3.60	98.80 -10.38 -5.39	98.09 -11.92 -0.65	77.94 -9.00 -1.21	76.98 -9.43 -0.68	77.40 -9.46 -0.86	76.63 -9.51 -0.50	75.86 -9.59 -0.60	76.81 -9.48 -0.91	80.02 -9.26 -2.73	82.03 -9.71 -4.25	104.90 -12.85 -4.05	104.71 -13.00 -2.70	80.85 -9.85 -5.77	80.43 -9.62 -4.94	78.46 -9.67 -3.98	79.37 -8.92 -4.14	78.90 -7.70 -2.88
LOCKPORT___CC3 323771	73.94 -7.85 -0.86	68.71 -7.49 -1.33	68.61 -7.26 -1.01	68.20 -7.33 -0.67	72.87 -7.74 0.00	76.19 -7.23 -1.22	82.12 -7.39 -3.60	98.80 -10.38 -5.39	98.09 -11.92 -0.65	77.94 -9.00 -1.21	76.98 -9.43 -0.68	77.40 -9.46 -0.86	76.63 -9.51 -0.50	75.86 -9.59 -0.60	76.81 -9.48 -0.91	80.02 -9.26 -2.73	82.03 -9.71 -4.25	104.90 -12.85 -4.05	104.71 -13.00 -2.70	80.85 -9.85 -5.77	80.43 -9.62 -4.94	78.46 -9.67 -3.98	79.37 -8.92 -4.14	78.90 -7.70 -2.88
LONG_LAKE_PHOENIX 24014	79.34 -2.02 -0.44	73.52 -2.02 -0.67	73.43 -1.95 -0.51	73.18 -2.02 -0.34	78.44 -2.18 0.00	81.01 -1.81 -0.62	86.19 -1.55 -1.82	104.44 -2.08 -2.73	106.96 -2.41 0.00	84.54 -1.80 -0.61	84.02 -1.89 -0.17	84.47 -1.89 -0.36	83.93 -1.88 -0.17	83.12 -1.95 -0.23	83.88 -1.88 -0.38	86.12 -1.82 -1.39	87.76 -1.84 -2.11	113.71 -2.16 -2.18	114.18 -2.19 -1.36	86.14 -1.70 -2.90	85.72 -1.87 -2.48	84.22 -1.94 -2.00	84.21 -2.02 -2.08	83.18 -2.01 -1.47
LOVETT___3 23632	91.44 5.34 -5.17	87.82 5.02 -7.94	85.84 4.94 -6.04	83.82 4.94 -4.01	85.93 5.32 0.00	94.93 5.43 -7.31	113.31 5.84 -21.56	143.49 7.58 -32.13	121.85 8.75 -3.74	99.81 6.86 -7.22	102.87 7.12 -10.03	100.81 7.22 -7.59	98.63 7.28 -5.71	98.34 7.13 -6.37	100.85 7.09 -8.39	109.90 7.10 -16.25	122.04 7.17 -27.37	161.11 9.21 -38.21	143.11 9.32 -18.79	125.09 6.29 -33.87	120.24 6.13 -29.01	113.44 5.89 -23.40	114.19 5.72 -24.32	106.74 5.36 -17.66
LOVETT___4 23642	91.44 5.34 -5.17	87.82 5.02 -7.94	85.84 4.94 -6.04	83.82 4.94 -4.01	85.93 5.32 0.00	94.93 5.43 -7.31	113.31 5.84 -21.56	143.49 7.58 -32.13	121.85 8.75 -3.74	99.81 6.86 -7.22	102.87 7.12 -10.03	100.81 7.22 -7.59	98.63 7.28 -5.71	98.34 7.13 -6.37	100.85 7.09 -8.39	109.90 7.10 -16.25	122.04 7.17 -27.37	161.11 9.21 -38.21	143.11 9.32 -18.79	125.09 6.29 -33.87	120.24 6.13 -29.01	113.44 5.89 -23.40	114.19 5.72 -24.32	106.74 5.36 -17.66
LOVETT___5 23593	91.44 5.34 -5.17	87.82 5.02 -7.94	85.84 4.94 -6.04	83.82 4.94 -4.01	85.93 5.32 0.00	94.93 5.43 -7.31	113.31 5.84 -21.56	143.49 7.58 -32.13	121.85 8.75 -3.74	99.81 6.86 -7.22	102.87 7.12 -10.03	100.81 7.22 -7.59	98.63 7.28 -5.71	98.34 7.13 -6.37	100.85 7.09 -8.39	109.90 7.10 -16.25	122.04 7.17 -27.37	161.11 9.21 -38.21	143.11 9.32 -18.79	125.09 6.29 -33.87	120.24 6.13 -29.01	113.44 5.89 -23.40	114.19 5.72 -24.32	106.74 5.36 -17.66
LOWER RAQUET___HYD 24057	79.15 -1.78 0.00	73.44 -1.42 0.00	73.29 -1.58 0.00	73.37 -1.50 0.00	78.60 -2.01 0.00	79.08 -3.12 0.00	80.58 -5.33 0.00	98.91 -4.88 0.00	103.79 -5.57 0.00	80.50 -5.23 0.00	80.67 -5.06 0.00	81.19 -4.81 0.00	81.01 -4.63 0.00	81.03 -3.82 0.00	81.03 -4.35 0.00	80.83 -5.72 0.00	81.71 -5.78 0.00	106.08 -7.62 0.00	107.30 -7.70 0.00	80.78 -4.16 0.00	80.85 -4.25 0.00	81.37 -2.77 0.00	81.63 -2.52 0.00	81.80 -1.92 0.00
LOWER___HUDSON 24059	92.74 4.69 -7.12	90.06 4.27 -10.93	87.44 4.27 -8.31	84.65 4.27 -5.52	85.37 4.75 0.00	97.10 4.85 -10.06	120.83 5.24 -29.68	154.40 6.23 -44.38	131.30 6.67 -15.27	100.77 5.06 -9.98	93.27 4.97 -2.57	96.77 4.99 -5.79	93.32 4.97 -2.72	93.22 4.83 -3.55	96.37 5.04 -5.96	114.19 5.19 -22.45	126.90 5.43 -33.98	155.33 6.94 -34.70	155.44 7.02 -33.41	136.45 5.10 -46.42	129.88 5.02 -39.76	121.10 4.88 -32.07	122.44 4.96 -33.33	111.57 4.69 -23.16
LOWVILLE_115KV_TB2 356335	81.05 -0.08 -0.20	75.25 0.07 -0.31	74.95 -0.15 -0.23	74.80 -0.22 -0.16	80.61 0.00 0.00	83.14 0.66 -0.28	87.60 0.86 -0.84	106.80 1.76 -1.25	111.44 2.08 0.00	86.78 0.77 -0.28	86.84 1.03 -0.08	87.11 0.95 -0.17	86.48 0.77 -0.07	86.04 1.10 -0.09	86.64 1.11 -0.16	88.51 1.38 -0.58	89.68 1.31 -0.87	116.53 1.93 -0.90	117.36 1.73 -0.62	87.58 1.44 -1.20	87.67 1.53 -1.03	86.49 1.51 -0.83	86.27 1.26 -0.86	85.50 1.17 -0.61
LUTHERFT_115KV_GLOB_FND_222 355753	93.59 5.42 -7.24	90.85 4.87 -11.12	88.19 4.87 -8.45	85.42 4.94 -5.62	86.01 5.40 0.00	98.02 5.59 -10.23	122.29 6.19 -30.19	156.51 7.58 -45.15	134.91 7.98 -17.57	101.88 6.00 -10.15	93.72 5.57 -2.42	97.22 5.42 -5.81	93.71 5.40 -2.67	93.71 5.35 -3.52	96.98 5.63 -5.96	115.27 5.89 -22.83	128.47 6.47 -34.50	157.41 8.64 -35.08	159.50 8.86 -35.64	138.89 6.37 -47.59	132.07 6.21 -40.75	123.00 5.97 -32.87	124.20 5.89 -34.16	112.92 5.61 -23.59

LUTHERNY_35_KV_BK2 355980	93.67 5.50 -7.24	90.93 4.94 -11.12	88.26 4.94 -8.45	85.42 4.94 -5.62	86.09 5.48 0.00	98.02 5.59 -10.23	122.37 6.27 -30.19	156.51 7.58 -45.15	135.02 8.09 -17.57	101.97 6.09 -10.15	93.80 5.66 -2.42	97.31 5.50 -5.81	93.79 5.48 -2.67	93.79 5.43 -3.52	97.06 5.72 -5.96	115.27 5.89 -22.83	128.47 6.47 -34.50	157.53 8.75 -35.08	159.62 8.97 -35.64	138.98 6.46 -47.59	132.07 6.21 -40.75	123.08 6.06 -32.87	124.28 5.97 -34.16	113.00 5.69 -23.59
LWR___OSWEGATCHIE_HYD 23850	79.62 -1.46 -0.15	73.89 -1.20 -0.23	73.69 -1.35 -0.17	73.56 -1.42 -0.11	79.00 -1.61 0.00	80.60 -1.81 -0.21	83.43 -3.09 -0.61	102.22 -2.49 -0.92	106.63 -2.73 0.00	82.77 -3.17 -0.21	83.30 -2.49 -0.06	83.72 -2.41 -0.12	83.21 -2.48 -0.05	83.05 -1.87 -0.07	83.36 -2.13 -0.11	84.63 -2.34 -0.41	85.14 -2.97 -0.63	110.59 -3.75 -0.65	111.56 -3.91 -0.46	83.17 -2.63 -0.86	83.72 -2.13 -0.74	83.65 -1.09 -0.60	83.59 -1.18 -0.62	83.15 -1.00 -0.44
LYONS_FALL_HYD 23570	82.01 0.89 -0.19	76.13 0.97 -0.29	75.91 0.83 -0.22	75.76 0.75 -0.15	81.66 1.05 0.00	84.11 1.64 -0.27	88.68 1.98 -0.79	107.70 2.80 -1.11	112.53 3.17 0.00	87.78 1.80 -0.25	87.77 1.97 -0.07	88.04 1.89 -0.15	87.42 1.71 -0.07	86.89 1.95 -0.09	87.50 1.97 -0.15	89.36 2.25 -0.56	90.62 2.27 -0.85	117.65 3.07 -0.88	118.55 2.99 -0.55	88.50 2.37 -1.19	88.42 2.30 -1.02	87.07 2.10 -0.82	86.94 1.94 -0.85	86.15 1.84 -0.59
MADISON___COUNTY_LFGE 323628	83.86 2.59 -0.34	77.86 2.47 -0.53	77.66 2.40 -0.40	77.53 2.40 -0.27	83.43 2.82 0.00	86.22 3.53 -0.48	91.55 4.21 -1.43	110.70 4.77 -2.14	114.61 5.25 0.00	89.90 3.69 -0.48	89.46 3.60 -0.13	89.90 3.61 -0.28	89.20 3.43 -0.13	88.41 3.39 -0.17	89.25 3.59 -0.29	91.52 3.89 -1.07	92.97 3.85 -1.63	120.38 5.00 -1.68	121.02 4.95 -1.06	90.91 3.74 -2.24	90.51 3.49 -1.92	88.81 3.11 -1.55	88.70 2.95 -1.61	87.78 2.93 -1.13
MALONE___115KV_TB1 356076	80.36 -0.57 0.00	74.49 -0.37 0.00	74.49 -0.37 0.00	74.49 -0.37 0.00	80.13 -0.48 0.00	80.72 -1.48 0.00	83.51 -2.41 0.00	101.40 -2.39 0.00	105.86 -3.50 0.00	83.24 -2.49 0.00	83.42 -2.31 0.00	83.85 -2.15 0.00	83.50 -2.14 0.00	83.06 -1.78 0.00	83.24 -2.13 0.00	84.30 -2.25 0.00	85.39 -2.10 0.00	110.62 -3.07 0.00	112.02 -2.99 0.00	83.15 -1.78 0.00	84.00 -1.11 0.00	83.56 -0.59 0.00	83.48 -0.67 0.00	83.47 -0.25 0.00
MAPLEWOD_115KV_TB3 80458	92.14 4.13 -7.08	89.49 3.74 -10.88	86.88 3.74 -8.27	84.18 3.82 -5.50	84.80 4.19 0.00	96.48 4.27 -10.01	119.83 4.38 -29.54	153.05 5.09 -44.18	127.98 5.80 -12.83	100.21 4.54 -9.93	92.49 4.46 -2.30	96.13 4.47 -5.65	92.68 4.45 -2.59	92.67 4.41 -3.41	95.54 4.35 -5.80	113.22 4.33 -22.34	125.52 4.29 -33.74	153.37 5.46 -34.22	152.09 5.52 -31.56	135.49 3.99 -46.57	129.07 4.09 -39.88	120.35 4.04 -32.17	121.87 4.29 -33.43	111.02 4.27 -23.03
MAPLE_RIDGE_WT_1 323574	79.47 -1.45 0.00	73.59 -1.27 0.00	73.59 -1.27 0.00	73.74 -1.12 0.00	79.41 -1.21 0.00	80.88 -1.32 0.00	84.37 -1.54 0.00	102.23 -1.55 0.00	107.72 -1.64 0.00	84.45 -1.28 0.00	84.53 -1.20 0.00	84.80 -1.20 0.00	84.36 -1.28 0.00	83.66 -1.19 0.00	84.10 -1.28 0.00	85.08 -1.47 0.00	86.09 -1.40 0.00	111.76 -1.93 0.00	113.05 -1.96 0.00	83.75 -1.19 0.00	83.83 -1.27 0.00	83.05 -1.10 0.00	83.05 -1.10 0.00	82.72 -1.00 0.00
MAPLE_RIDGE_WT_2 323611	79.47 -1.45 0.00	73.59 -1.27 0.00	73.59 -1.27 0.00	73.74 -1.12 0.00	79.41 -1.21 0.00	80.88 -1.32 0.00	84.37 -1.54 0.00	102.23 -1.55 0.00	107.72 -1.64 0.00	84.45 -1.28 0.00	84.53 -1.20 0.00	84.80 -1.20 0.00	84.36 -1.28 0.00	83.66 -1.19 0.00	84.10 -1.28 0.00	85.08 -1.47 0.00	86.09 -1.40 0.00	111.76 -1.93 0.00	113.05 -1.96 0.00	83.75 -1.19 0.00	83.83 -1.27 0.00	83.05 -1.10 0.00	83.05 -1.10 0.00	82.72 -1.00 0.00
MARBLE_RIVER_WT_PWR 323696	79.55 -1.38 0.00	73.74 -1.12 0.00	73.66 -1.20 0.00	73.74 -1.12 0.00	79.32 -1.29 0.00	80.23 -1.97 0.00	82.99 -2.92 0.00	100.57 -3.22 0.00	105.09 -4.27 0.00	82.90 -2.83 0.00	82.90 -2.83 0.00	83.25 -2.76 0.00	82.90 -2.74 0.00	82.38 -2.46 0.00	82.64 -2.74 0.00	83.61 -2.94 0.00	84.78 -2.71 0.00	109.94 -3.75 0.00	111.22 -3.79 0.00	82.82 -2.12 0.00	83.15 -1.95 0.00	82.55 -1.60 0.00	82.55 -1.60 0.00	82.63 -1.09 0.00
MARSHVLE_115KV_TB1 80742	93.72 4.69 -8.10	91.42 4.12 -12.44	88.36 4.04 -9.46	85.34 4.19 -6.28	85.37 4.76 0.00	98.82 5.18 -11.44	126.12 6.44 -33.77	161.75 7.47 -50.49	132.94 7.33 -16.26	101.71 4.63 -11.35	92.20 3.60 -2.87	95.83 3.27 -6.56	91.79 3.08 -3.07	92.08 3.22 -4.01	95.80 3.67 -6.75	116.76 4.67 -25.54	132.08 5.95 -38.64	162.03 8.87 -39.47	161.58 9.20 -37.37	144.54 6.37 -53.23	136.82 6.13 -45.59	126.81 5.89 -36.77	127.83 5.47 -38.21	115.29 5.11 -26.46
MARSH_HILL_WT_PWR 323713	77.68 -4.45 -1.20	72.37 -4.34 -1.85	72.37 -3.90 -1.40	71.53 -4.26 -0.93	77.39 -3.23 0.00	80.69 -3.21 -1.70	88.35 -2.58 -5.01	107.13 -4.15 -7.50	106.36 -3.93 -0.93	83.22 -4.20 -1.69	81.97 -4.72 -0.95	82.20 -4.99 -1.19	81.46 -4.88 -0.70	80.60 -5.09 -0.84	81.61 -5.04 -1.27	85.84 -4.50 -3.79	89.91 -3.50 -5.92	115.85 -4.09 -6.25	115.36 -3.79 -4.15	89.81 -3.14 -8.02	89.25 -2.73 -6.87	87.33 -2.36 -5.54	87.64 -2.27 -5.76	86.13 -1.59 -4.00
MCINTYRE_115KV_TB2 80467	80.69 -0.24 0.00	74.87 0.00 0.00	74.72 -0.15 0.00	74.79 -0.07 0.00	80.37 -0.24 0.00	81.13 -1.07 0.00	83.25 -2.66 0.00	101.92 -1.87 0.00	106.85 -2.52 0.00	82.47 -3.26 0.00	82.82 -2.91 0.00	83.08 -2.92 0.00	82.90 -2.74 0.00	82.89 -1.95 0.00	82.90 -2.48 0.00	83.52 -3.03 0.00	84.17 -3.32 0.00	109.26 -4.43 0.00	110.52 -4.49 0.00	82.13 -2.80 0.00	83.32 -1.79 0.00	83.31 -0.84 0.00	83.22 -0.93 0.00	83.22 -0.50 0.00
MECO_____69_KV_BK1 80468	95.53 6.80 -7.80	92.92 6.06 -11.99	90.04 6.06 -9.11	87.13 6.21 -6.05	87.46 6.85 0.00	100.46 7.23 -11.03	127.12 8.68 -32.53	162.82 10.38 -48.65	136.99 10.28 -17.35	103.70 7.03 -10.94	94.29 5.92 -2.64	97.86 5.59 -6.27	94.02 5.48 -2.90	94.17 5.51 -3.81	97.80 5.98 -6.45	117.91 6.75 -24.60	132.91 8.22 -37.19	163.47 11.94 -37.84	164.60 12.31 -37.28	144.89 8.66 -51.29	137.37 8.34 -43.92	127.66 8.08 -35.43	128.63 7.66 -36.82	116.40 7.20 -25.47
MENANDS___115KV_TB5 355628	91.80 3.80 -7.07	89.24 3.52 -10.86	86.64 3.52 -8.25	83.87 3.52 -5.48	84.48 3.87 0.00	96.13 3.95 -9.99	119.33 3.95 -29.47	152.32 4.46 -44.07	126.75 5.14 -12.25	99.76 4.12 -9.91	92.10 4.12 -2.26	95.75 4.13 -5.63	92.32 4.11 -2.56	92.30 4.07 -3.39	95.08 3.93 -5.77	112.65 3.81 -22.29	124.81 3.67 -33.65	152.44 4.66 -34.09	150.92 4.72 -31.20	134.89 3.48 -46.47	128.48 3.57 -39.80	119.78 3.53 -32.10	121.38 3.87 -33.36	110.64 3.93 -22.98
MG INDUSTRY___DRP 24185	91.21 3.40 -6.88	88.50 3.07 -10.57	86.04 3.14 -8.03	83.35 3.14 -5.34	84.16 3.55 0.00	95.37 3.45 -9.72	118.04 3.44 -28.69	150.43 3.74 -42.90	121.65 4.16 -8.14	98.63 3.26 -9.65	91.27 3.26 -2.28	94.69 3.18 -5.51	91.34 3.17 -2.53	91.32 3.14 -3.33	94.11 3.07 -5.66	111.28 3.03 -21.70	123.25 2.97 -32.78	151.21 4.21 -33.31	146.92 4.14 -27.77	133.34 3.14 -45.26	127.02 3.15 -38.76	118.61 3.20 -31.27	120.18 3.53 -32.49	109.79 3.60 -22.47

MID___OSWEGATCHIE_HYD 23849	79.62 -1.46 -0.15	73.89 -1.20 -0.23	73.69 -1.35 -0.17	73.56 -1.42 -0.11	79.00 -1.61 0.00	80.60 -1.81 -0.21	83.43 -3.09 -0.61	102.22 -2.49 -0.92	106.63 -2.73 0.00	82.77 -3.17 -0.21	83.30 -2.49 -0.06	83.72 -2.41 -0.12	83.21 -2.48 -0.05	83.05 -1.87 -0.07	83.36 -2.13 -0.11	84.63 -2.34 -0.41	85.14 -2.97 -0.63	110.59 -3.75 -0.65	111.56 -3.91 -0.46	83.17 -2.63 -0.86	83.72 -2.13 -0.74	83.65 -1.09 -0.60	83.59 -1.18 -0.62	83.15 -1.00 -0.44
MID___RAQUETTE_HYD 23851	79.23 -1.70 0.00	73.44 -1.42 0.00	73.37 -1.50 0.00	73.37 -1.50 0.00	78.60 -2.02 0.00	79.08 -3.12 0.00	80.58 -5.33 0.00	98.91 -4.88 0.00	103.67 -5.69 0.00	80.16 -5.57 0.00	80.67 -5.06 0.00	81.18 -4.82 0.00	81.02 -4.62 0.00	81.03 -3.82 0.00	81.02 -4.35 0.00	81.27 -5.28 0.00	81.72 -5.77 0.00	106.08 -7.62 0.00	107.30 -7.71 0.00	79.58 -5.35 0.00	80.85 -4.26 0.00	81.37 -2.78 0.00	81.62 -2.52 0.00	81.80 -1.93 0.00
MILLIKEN___1 23584	83.97 1.86 -1.18	78.25 1.57 -1.81	77.81 1.57 -1.37	77.35 1.57 -0.91	82.71 2.10 0.00	86.33 2.47 -1.66	94.00 3.18 -4.91	114.76 3.63 -7.34	114.05 3.72 -0.97	89.95 2.57 -1.65	88.98 2.31 -0.93	89.49 2.32 -1.17	88.63 2.31 -0.68	87.79 2.12 -0.82	88.92 2.31 -1.24	92.86 2.60 -3.71	96.00 2.71 -5.80	124.19 3.98 -6.51	123.50 4.14 -4.35	95.57 2.89 -7.74	94.29 2.55 -6.63	91.85 2.36 -5.35	91.89 2.19 -5.56	89.98 2.34 -3.92
MILLIKEN___2 23585	83.97 1.86 -1.18	78.25 1.57 -1.81	77.81 1.57 -1.37	77.35 1.57 -0.91	82.71 2.10 0.00	86.33 2.47 -1.66	94.00 3.18 -4.91	114.76 3.63 -7.34	114.05 3.72 -0.97	89.95 2.57 -1.65	88.98 2.31 -0.93	89.49 2.32 -1.17	88.63 2.31 -0.68	87.79 2.12 -0.82	88.92 2.31 -1.24	92.86 2.60 -3.71	96.00 2.71 -5.80	124.19 3.98 -6.51	123.50 4.14 -4.35	95.57 2.89 -7.74	94.29 2.55 -6.63	91.85 2.36 -5.35	91.89 2.19 -5.56	89.98 2.34 -3.92
MILLIKEN___DIESEL 23629	83.97 1.86 -1.18	78.25 1.57 -1.81	77.81 1.57 -1.37	77.35 1.57 -0.91	82.71 2.10 0.00	86.33 2.47 -1.66	94.00 3.18 -4.91	114.76 3.63 -7.34	114.05 3.72 -0.97	89.95 2.57 -1.65	88.98 2.31 -0.93	89.49 2.32 -1.17	88.63 2.31 -0.68	87.79 2.12 -0.82	88.92 2.31 -1.24	92.86 2.60 -3.71	96.00 2.71 -5.80	124.19 3.98 -6.51	123.50 4.14 -4.35	95.57 2.89 -7.74	94.29 2.55 -6.63	91.85 2.36 -5.35	91.89 2.19 -5.56	89.98 2.34 -3.92
MILLSEAT___LFGE 323607	76.09 -5.67 -0.83	70.68 -5.46 -1.28	70.59 -5.24 -0.97	70.20 -5.31 -0.65	75.05 -5.56 0.00	78.61 -4.77 -1.18	84.74 -4.64 -3.47	102.45 -6.54 -5.20	101.89 -8.09 -0.62	80.72 -6.17 -1.17	79.79 -6.60 -0.65	80.20 -6.62 -0.82	79.53 -6.59 -0.48	78.56 -6.87 -0.58	79.51 -6.75 -0.87	82.77 -6.40 -2.63	85.03 -6.56 -4.10	109.10 -8.65 -4.05	109.07 -8.63 -2.69	83.69 -6.80 -5.55	83.31 -6.55 -4.76	81.25 -6.73 -3.84	81.82 -6.31 -3.99	81.22 -5.27 -2.77
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	92.33 6.07 -5.33	88.74 5.69 -8.19	86.78 5.69 -6.22	84.69 5.69 -4.14	86.74 6.13 0.00	96.06 6.33 -7.53	114.92 6.79 -22.22	145.78 8.72 -33.28	123.16 9.95 -3.85	101.10 7.89 -7.48	104.47 8.14 -10.59	102.12 8.17 -7.95	99.70 8.05 -6.01	99.52 7.98 -6.70	102.20 8.03 -8.79	111.43 8.05 -16.83	124.14 8.22 -28.42	164.17 10.57 -39.91	145.16 10.70 -19.46	127.32 7.30 -35.08	122.30 7.15 -30.04	115.11 6.73 -24.23	115.98 6.65 -25.18	108.22 6.20 -18.31
MILLWOOD_13_KV_LOAD 356217	92.57 6.31 -5.33	88.89 5.84 -8.19	86.93 5.84 -6.22	84.84 5.84 -4.14	86.90 6.29 0.00	96.31 6.58 -7.53	115.09 6.96 -22.22	146.09 9.03 -33.28	123.49 10.28 -3.85	101.36 8.14 -7.48	104.73 8.40 -10.59	102.37 8.43 -7.95	100.05 8.39 -6.01	99.77 8.23 -6.70	102.54 8.37 -8.79	111.69 8.31 -16.83	124.40 8.49 -28.42	164.63 11.03 -39.91	145.62 11.16 -19.46	127.66 7.64 -35.08	122.56 7.40 -30.04	115.37 6.98 -24.23	116.15 6.82 -25.18	108.47 6.45 -18.31
MODEL_CITY_ENERGY 24167	73.47 -8.33 -0.87	68.20 -8.01 -1.34	68.25 -7.64 -1.02	67.76 -7.79 -0.68	72.31 -8.30 0.00	75.62 -7.81 -1.23	81.47 -8.08 -3.64	98.03 -11.21 -5.45	97.22 -12.79 -0.66	77.27 -9.69 -1.23	76.39 -10.03 -0.69	76.80 -10.06 -0.87	76.04 -10.11 -0.50	75.27 -10.18 -0.61	76.22 -10.08 -0.92	79.44 -9.87 -2.76	81.38 -10.41 -4.30	103.85 -13.87 -4.03	103.78 -13.92 -2.69	80.23 -10.54 -5.83	79.80 -10.30 -4.99	77.82 -10.35 -4.03	78.74 -9.60 -4.18	78.26 -8.37 -2.91
MODERN_LFGE___ 323580	73.47 -8.33 -0.87	68.20 -8.01 -1.34	68.25 -7.64 -1.02	67.76 -7.79 -0.68	72.31 -8.30 0.00	75.62 -7.81 -1.23	81.47 -8.08 -3.64	98.03 -11.21 -5.45	97.22 -12.79 -0.66	77.27 -9.69 -1.23	76.39 -10.03 -0.69	76.80 -10.06 -0.87	76.04 -10.11 -0.50	75.27 -10.18 -0.61	76.22 -10.08 -0.92	79.44 -9.87 -2.76	81.38 -10.41 -4.30	103.85 -13.87 -4.03	103.78 -13.92 -2.69	80.23 -10.54 -5.83	79.80 -10.30 -4.99	77.82 -10.35 -4.03	78.74 -9.60 -4.18	78.26 -8.37 -2.91
MOHAWK_PAPER___DRP 24187	92.14 4.13 -7.08	89.49 3.74 -10.88	86.88 3.74 -8.27	84.18 3.82 -5.50	84.80 4.19 0.00	96.48 4.27 -10.01	119.83 4.38 -29.54	153.05 5.09 -44.18	127.98 5.80 -12.83	100.21 4.54 -9.93	92.49 4.46 -2.30	96.13 4.47 -5.65	92.68 4.45 -2.59	92.67 4.41 -3.41	95.54 4.35 -5.80	113.22 4.33 -22.34	125.52 4.29 -33.74	153.37 5.46 -34.22	152.09 5.52 -31.56	135.49 3.99 -46.57	129.07 4.09 -39.88	120.35 4.04 -32.17	121.87 4.29 -33.43	111.02 4.27 -23.03
MOHICAN___35_KV_115KV_LD 80490	94.49 6.31 -7.25	91.61 5.61 -11.13	88.94 5.61 -8.46	86.18 5.69 -5.62	86.90 6.29 0.00	98.93 6.49 -10.24	123.60 7.47 -30.22	158.21 9.24 -45.19	136.66 9.62 -17.68	103.09 7.20 -10.16	94.65 6.52 -2.41	98.08 6.28 -5.81	94.56 6.25 -2.67	94.55 6.19 -3.51	97.92 6.57 -5.96	116.24 6.84 -22.85	129.81 7.79 -34.53	159.59 10.80 -35.09	161.68 10.93 -35.75	140.30 7.73 -47.63	133.39 7.49 -40.79	124.12 7.07 -32.90	125.24 6.90 -34.19	113.86 6.53 -23.61
MONGAUP___HYD 23641	91.24 5.42 -4.89	87.39 5.02 -7.51	85.52 4.94 -5.71	84.05 5.39 -3.79	85.93 5.32 0.00	94.86 5.75 -6.91	112.40 6.10 -20.39	140.96 6.74 -30.43	121.21 8.31 -3.54	98.66 6.09 -6.84	100.93 6.00 -9.20	98.92 5.85 -7.06	96.65 5.74 -5.28	96.51 5.77 -5.90	99.06 5.89 -7.80	108.18 6.24 -15.39	120.23 6.91 -25.83	157.82 8.41 -35.71	141.20 8.39 -17.80	123.84 5.44 -33.47	120.66 6.89 -28.66	113.07 5.80 -23.12	113.64 5.47 -24.03	105.62 5.19 -16.70
MONTAUK___DIESEL 23721	100.13 8.90 -10.30	97.88 8.24 -14.78	90.84 8.24 -7.74	90.42 8.24 -7.32	92.39 9.03 -2.75	103.26 9.12 -11.93	131.59 10.74 -34.94	154.81 13.91 -37.11	129.78 13.67 -6.75	107.64 10.12 -11.79	112.73 9.52 -17.48	110.12 9.80 -14.31	105.68 9.51 -10.54	105.25 9.16 -11.25	109.51 9.65 -14.49	127.90 10.30 -31.05	152.36 11.20 -53.67	184.43 15.69 -55.04	180.94 15.53 -50.40	159.49 10.70 -63.85	152.03 10.21 -56.71	139.86 9.09 -46.62	124.22 8.84 -31.24	121.46 9.38 -28.36
MOONROAD_115KV_HARTFLD_TB1-2 355988	75.45 -6.47 -1.00	70.26 -6.14 -1.53	70.11 -5.91 -1.16	69.72 -5.91 -0.77	76.26 -4.35 0.00	78.67 -4.93 -1.41	85.51 -4.55 -4.15	103.35 -6.64 -6.21	103.89 -6.23 -0.76	81.55 -5.57 -1.40	80.09 -6.43 -0.79	78.82 -8.17 -0.99	77.82 -8.39 -0.58	76.97 -8.57 -0.69	79.68 -6.74 -1.05	82.94 -6.75 -3.14	85.66 -6.74 -4.90	109.75 -8.64 -4.70	109.63 -8.51 -3.13	85.54 -5.95 -6.55	83.99 -6.72 -5.61	81.86 -6.82 -4.53	82.46 -6.40 -4.70	81.43 -5.61 -3.31

MORRIS_RIDGE___SOLAR 323848	77.56 -4.53 -1.16	72.30 -4.34 -1.78	72.17 -4.04 -1.35	71.57 -4.19 -0.90	77.30 -3.31 0.00	80.39 -3.45 -1.64	87.57 -3.18 -4.83	105.94 -5.08 -7.23	105.23 -5.03 -0.89	82.38 -4.97 -1.63	81.33 -5.32 -0.92	81.74 -5.42 -1.15	80.83 -5.48 -0.67	80.05 -5.60 -0.81	81.22 -5.38 -1.22	85.18 -5.02 -3.66	88.38 -4.81 -5.71	113.42 -6.14 -5.87	112.81 -6.10 -3.90	87.83 -4.84 -7.73	87.13 -4.60 -6.62	84.86 -4.63 -5.34	85.41 -4.29 -5.55	84.07 -3.51 -3.86
MORTIMER_115KV_TB3 55949	78.41 -3.24 -0.71	72.74 -3.22 -1.10	72.63 -3.07 -0.83	72.27 -3.14 -0.55	76.74 -3.87 0.00	80.66 -2.55 -1.01	86.65 -2.23 -2.97	104.91 -3.32 -4.44	104.74 -5.14 -0.52	83.56 -3.17 -1.00	82.69 -3.60 -0.56	83.18 -3.53 -0.70	82.54 -3.51 -0.41	81.52 -3.82 -0.50	82.45 -3.67 -0.75	85.25 -3.55 -2.25	87.59 -3.41 -3.51	113.19 -4.55 -4.04	113.17 -4.49 -2.65	86.57 -3.06 -4.69	85.64 -3.49 -4.02	83.69 -3.70 -3.24	84.07 -3.45 -3.37	83.25 -2.85 -2.37
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	93.08 6.80 -5.36	89.38 6.29 -8.23	87.48 6.36 -6.25	85.38 6.36 -4.16	87.46 6.85 0.00	96.75 6.99 -7.57	115.72 7.47 -22.33	146.88 9.65 -33.44	124.27 11.05 -3.87	102.08 8.83 -7.52	105.40 9.00 -10.67	103.03 9.03 -8.00	100.60 8.91 -6.05	100.41 8.82 -6.74	103.11 8.88 -8.85	112.46 9.00 -16.91	125.16 9.10 -28.57	165.43 11.60 -40.14	146.29 11.73 -19.55	128.25 8.07 -35.25	123.21 7.91 -30.19	115.99 7.49 -24.35	116.86 7.41 -25.31	109.07 6.95 -18.40
MUNSVILLE_WIND_PWR 323609	89.18 6.48 -1.77	83.95 6.36 -2.73	82.85 5.91 -2.07	82.23 5.99 -1.38	87.78 7.17 0.00	93.33 8.63 -2.51	103.44 10.13 -7.40	126.47 11.62 -11.06	123.71 12.46 -1.89	96.37 8.15 -2.49	95.12 7.97 -1.42	95.67 7.91 -1.77	94.04 7.37 -1.03	93.73 7.64 -1.24	95.19 7.94 -1.87	101.06 8.92 -5.59	105.68 9.45 -8.73	136.56 13.07 -9.80	135.44 13.56 -6.86	106.61 9.85 -11.83	104.93 9.70 -10.13	101.15 8.83 -8.17	100.97 8.33 -8.49	98.00 8.37 -5.90
N SALMON___HYD 24042	80.37 -0.56 0.00	74.49 -0.37 0.00	74.42 -0.45 0.00	74.49 -0.37 0.00	80.13 -0.48 0.00	80.72 -1.48 0.00	83.51 -2.40 0.00	101.40 -2.38 0.00	106.08 -3.28 0.00	83.42 -2.31 0.00	83.42 -2.31 0.00	83.94 -2.06 0.00	83.50 -2.14 0.00	83.06 -1.79 0.00	83.25 -2.13 0.00	84.13 -2.42 0.00	85.39 -2.10 0.00	110.63 -3.06 0.00	112.02 -2.99 0.00	83.66 -1.27 0.00	84.00 -1.11 0.00	83.56 -0.58 0.00	83.47 -0.68 0.00	83.47 -0.25 0.00
N.AKRON__115KV_KNAPP 355671	75.94 -5.83 -0.84	70.46 -5.69 -1.29	70.45 -5.39 -0.98	69.98 -5.54 -0.65	74.81 -5.80 0.00	78.37 -5.01 -1.18	84.59 -4.81 -3.49	102.06 -6.95 -5.22	101.46 -8.53 -0.63	80.65 -6.26 -1.17	79.53 -6.86 -0.66	79.95 -6.88 -0.83	79.27 -6.85 -0.48	78.30 -7.13 -0.58	79.26 -7.00 -0.88	82.27 -6.92 -2.65	84.79 -6.82 -4.13	108.65 -9.10 -4.05	108.61 -9.09 -2.69	84.16 -6.29 -5.51	82.94 -6.89 -4.72	80.89 -7.07 -3.81	81.54 -6.56 -3.96	81.07 -5.44 -2.79
N.BELMOR_69_KV_BK1 55787	120.94 8.58 -31.43	103.09 7.94 -20.29	97.50 8.01 -14.62	96.73 7.94 -13.93	98.31 8.63 -9.07	106.61 8.80 -15.61	137.23 9.54 -41.78	164.31 12.04 -48.48	141.78 13.34 -19.07	126.36 10.54 -30.09	142.87 10.54 -46.59	137.82 10.49 -41.33	125.80 10.45 -29.71	125.72 10.35 -30.52	134.39 10.42 -38.60	150.62 10.56 -53.51	163.63 10.76 -65.38	193.15 13.98 -65.47	190.37 14.15 -61.21	178.66 9.85 -83.87	159.72 9.70 -64.92	151.36 9.17 -58.04	147.33 9.34 -53.84	129.96 8.87 -37.36
N.E_GEN_SANDY PD 24062	96.10 5.34 -9.83	90.73 4.94 -10.92	90.97 4.94 -11.16	84.74 4.94 -4.94	86.01 5.40 0.00	96.70 5.51 -8.99	118.36 5.76 -26.69	150.44 6.95 -39.70	123.96 7.77 -6.84	100.57 5.91 -8.93	98.03 6.09 -6.21	99.00 6.20 -6.80	96.03 6.17 -4.22	95.86 6.02 -4.99	98.89 6.23 -7.28	112.94 6.31 -20.08	125.52 6.30 -31.72	159.09 8.07 -37.32	148.03 8.17 -24.86	132.80 5.78 -42.09	126.94 5.79 -36.04	118.86 5.64 -29.07	120.00 5.64 -30.21	110.00 5.28 -21.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	91.59 5.50 -5.16	87.96 5.17 -7.93	85.98 5.09 -6.03	83.96 5.09 -4.00	86.09 5.48 0.00	95.08 5.59 -7.29	113.44 6.01 -21.52	143.64 7.78 -32.07	122.06 8.97 -3.73	99.97 7.03 -7.21	103.02 7.29 -10.00	100.88 7.31 -7.57	98.70 7.37 -5.70	98.50 7.30 -6.36	101.00 7.26 -8.37	110.04 7.27 -16.22	122.16 7.35 -27.32	161.37 9.55 -38.12	143.31 9.55 -18.76	125.20 6.46 -33.81	120.36 6.30 -28.96	113.56 6.06 -23.36	114.31 5.89 -24.27	106.87 5.53 -17.63
N.QUEENS_27_KV_LOAD 356247	93.25 6.96 -5.36	89.54 6.44 -8.24	87.64 6.51 -6.26	85.54 6.51 -4.16	87.63 7.01 -0.01	96.93 7.15 -7.58	116.41 8.16 -22.34	147.40 10.17 -33.44	124.92 11.70 -3.86	102.60 9.34 -7.53	105.84 9.43 -10.68	103.45 9.46 -7.99	101.02 9.33 -6.05	100.83 9.25 -6.73	103.61 9.39 -8.84	112.90 9.43 -16.92	125.51 9.45 -28.57	165.77 11.94 -40.14	146.75 12.19 -19.55	128.68 8.49 -35.26	123.64 8.34 -30.19	116.33 7.83 -24.36	117.29 7.83 -25.31	109.33 7.20 -18.40
N.TROY___115KV_TB1 355778	92.74 4.69 -7.12	90.07 4.27 -10.93	87.44 4.27 -8.31	84.65 4.27 -5.52	85.37 4.76 0.00	97.11 4.85 -10.06	120.83 5.24 -29.68	154.40 6.23 -44.38	131.30 6.67 -15.27	100.85 5.14 -9.98	93.27 4.97 -2.57	96.77 4.99 -5.79	93.32 4.97 -2.72	93.23 4.84 -3.55	96.37 5.04 -5.96	114.19 5.19 -22.45	126.90 5.42 -33.98	155.42 6.94 -34.79	155.44 7.02 -33.41	136.80 5.10 -46.77	130.18 5.02 -40.05	121.34 4.88 -32.31	122.69 4.96 -33.58	111.57 4.69 -23.16
NARROWS_GT1_1 24228	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	119.04 8.41 -26.47	119.86 8.04 -28.10
NARROWS_GT1_2 24229	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	119.04 8.41 -26.47	119.86 8.04 -28.10
NARROWS_GT1_3 24230	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	119.04 8.41 -26.47	119.86 8.04 -28.10
NARROWS_GT1_4 24231	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	119.04 8.41 -26.47	119.86 8.04 -28.10

NARROWS_GT1_5 24232	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	219.04 8.41 -26.47	219.86 8.04 -28.10
NARROWS_GT1_6 24233	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	219.04 8.41 -26.47	219.86 8.04 -28.10
NARROWS_GT1_7 24234	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	219.04 8.41 -26.47	219.86 8.04 -28.10
NARROWS_GT1_8 24235	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	219.04 8.41 -26.47	219.86 8.04 -28.10
NARROWS_GT2_1 24236	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	219.04 8.41 -26.47	219.86 8.04 -28.10
NARROWS_GT2_2 24237	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	219.04 8.41 -26.47	219.86 8.04 -28.10
NARROWS_GT2_3 24238	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	219.04 8.41 -26.47	219.86 8.04 -28.10
NARROWS_GT2_4 24239	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	219.04 8.41 -26.47	219.86 8.04 -28.10
NARROWS_GT2_5 24240	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	219.04 8.41 -26.47	219.86 8.04 -28.10
NARROWS_GT2_6 24241	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	219.04 8.41 -26.47	219.86 8.04 -28.10
NARROWS_GT2_7 24242	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	219.04 8.41 -26.47	219.86 8.04 -28.10
NARROWS_GT2_8 24243	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	219.04 8.41 -26.47	219.86 8.04 -28.10
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	92.54 5.02 -6.59	89.56 4.57 -10.12	87.05 4.49 -7.70	84.54 4.57 -5.11	86.34 5.72 0.00	96.94 5.43 -9.31	118.72 5.33 -27.48	151.00 6.12 -41.09	123.89 6.67 -7.86	99.51 4.54 -9.24	94.41 5.06 -3.62	96.52 4.64 -5.88	93.35 4.62 -3.09	93.29 4.58 -3.86	96.04 4.53 -6.14	111.23 3.89 -20.78	123.84 4.46 -31.89	155.83 7.96 -34.18	147.99 6.33 -26.66	132.72 4.42 -43.37	126.76 4.51 -37.14	118.48 4.38 -29.96	119.82 4.54 -31.13	110.24 4.86 -21.66
NCHELSEA_115KV_TR2 355582	93.16 6.88 -5.35	89.52 6.44 -8.22	87.47 6.36 -6.25	85.38 6.36 -4.15	87.46 6.85 0.00	97.07 7.32 -7.56	115.95 7.73 -22.31	146.89 9.76 -33.35	124.15 10.83 -3.96	101.55 8.32 -7.50	104.43 8.40 -10.30	102.00 8.17 -7.83	99.66 8.14 -5.88	99.47 8.06 -6.56	102.23 8.20 -8.65	111.81 8.40 -16.87	124.70 8.84 -28.38	164.89 11.71 -39.48	146.32 11.73 -19.58	127.99 7.90 -35.16	123.05 7.83 -30.11	115.84 7.41 -24.29	116.54 7.15 -25.24	108.90 6.87 -18.31
NEG CAPITAL___MECHNVIL 23645	93.71 5.58 -7.20	91.02 5.09 -11.06	88.29 5.02 -8.41	85.55 5.09 -5.59	86.17 5.56 0.00	98.13 5.75 -10.18	122.39 6.45 -30.03	156.48 7.79 -44.91	134.61 8.31 -16.94	102.00 6.18 -10.10	94.03 5.83 -2.47	97.57 5.76 -5.80	94.07 5.74 -2.69	94.06 5.69 -3.53	97.32 5.97 -5.97	115.41 6.15 -22.71	128.57 6.74 -34.34	157.74 9.10 -34.95	159.23 9.20 -35.02	138.49 6.54 -47.01	131.75 6.39 -40.26	122.76 6.14 -32.48	123.96 6.06 -33.75	112.95 5.77 -23.46

NEG CENTRAL_HIGH_ACRES 23767	77.90 -3.72 -0.70	72.34 -3.59 -1.07	72.16 -3.52 -0.81	71.89 -3.52 -0.54	76.42 -4.20 0.00	80.14 -3.04 -0.98	86.15 -2.66 -2.90	104.50 -3.64 -4.35	104.11 -5.25 0.00	83.19 -3.52 -0.98	82.51 -3.77 -0.55	82.91 -3.78 -0.69	82.36 -3.68 -0.40	81.34 -3.99 -0.48	82.27 -3.84 -0.73	85.12 -3.63 -2.20	87.25 -3.67 -3.43	112.90 -4.77 -3.97	112.51 -4.72 -2.22	85.76 -3.82 -4.65	85.26 -3.83 -3.98	83.41 -3.95 -3.21	83.62 -3.87 -3.34	82.61 -3.44 -2.32
NEG CENTRAL___DRP 24199	81.32 -0.40 -0.79	75.49 -0.60 -1.22	75.27 -0.52 -0.93	74.96 -0.52 -0.62	80.45 -0.16 0.00	83.57 0.25 -1.12	89.91 0.69 -3.31	109.46 0.73 -4.95	110.39 0.44 -0.59	87.01 0.17 -1.11	86.18 -0.17 -0.62	86.61 -0.17 -0.79	85.84 -0.26 -0.46	84.89 -0.51 -0.55	85.96 -0.26 -0.83	88.97 -0.09 -2.51	91.40 0.00 -3.91	118.21 0.11 -4.40	118.14 0.23 -2.90	90.42 0.25 -5.23	89.50 -0.09 -4.48	87.59 -0.17 -3.61	87.65 -0.25 -3.75	86.37 0.00 -2.65
NEG CENTRAL___INDECK 23768	81.05 -0.89 -1.01	75.29 -1.12 -1.55	75.22 -0.82 -1.18	74.67 -0.98 -0.78	79.89 -0.73 0.00	83.87 0.25 -1.42	91.40 1.29 -4.20	107.79 -2.28 -6.29	106.41 -3.72 -0.77	84.23 -2.92 -1.41	83.01 -3.52 -0.80	83.64 -3.36 -1.00	82.97 -3.25 -0.58	81.99 -3.56 -0.70	83.11 -3.33 -1.06	87.14 -2.59 -3.18	90.44 -2.01 -4.96	116.56 -2.50 -5.36	116.14 -2.42 -3.55	89.37 -2.29 -6.72	91.29 0.43 -5.76	88.96 0.17 -4.64	89.06 0.08 -4.83	87.74 0.67 -3.35
NEG CENTRAL___SENECA 23627	80.98 -0.81 -0.86	75.22 -0.97 -1.32	75.05 -0.82 -1.01	74.64 -0.90 -0.67	80.21 -0.40 0.00	83.50 0.08 -1.22	89.93 0.43 -3.59	109.47 0.31 -5.37	109.90 -0.11 -0.65	86.68 -0.26 -1.21	85.64 -0.77 -0.68	86.08 -0.77 -0.85	85.28 -0.86 -0.50	84.34 -1.10 -0.60	85.43 -0.85 -0.91	88.66 -0.61 -2.72	91.21 -0.52 -4.24	117.78 -0.68 -4.76	117.57 -0.58 -3.14	90.52 -0.08 -5.67	89.37 -0.60 -4.86	87.48 -0.59 -3.92	87.55 -0.67 -4.07	86.34 -0.25 -2.87
NEG CENTRAL___STATE_STREET 24147	82.04 0.32 -0.78	76.22 0.15 -1.20	76.00 0.22 -0.91	75.62 0.15 -0.61	81.02 0.40 0.00	84.21 0.90 -1.11	90.72 1.55 -3.27	110.54 1.87 -4.88	111.70 1.75 -0.59	88.11 1.29 -1.10	87.37 1.03 -0.61	87.81 1.03 -0.77	87.12 1.03 -0.45	86.24 0.85 -0.55	87.22 1.02 -0.82	90.15 1.13 -2.47	92.49 1.14 -3.86	119.88 1.82 -4.37	119.84 1.96 -2.88	91.54 1.44 -5.16	90.55 1.02 -4.42	88.64 0.93 -3.56	88.61 0.76 -3.70	87.17 0.84 -2.61
NEG MILLWOOD___DRP 24198	93.46 7.12 -5.41	89.83 6.66 -8.31	87.77 6.59 -6.31	85.65 6.59 -4.19	87.71 7.09 0.00	97.40 7.56 -7.64	116.53 8.08 -22.54	147.68 10.17 -33.72	124.80 11.48 -3.95	102.32 9.00 -7.58	105.71 9.34 -10.63	103.21 9.20 -8.01	100.68 8.99 -6.05	100.49 8.91 -6.74	103.29 9.05 -8.86	112.61 9.00 -17.06	125.80 9.54 -28.77	166.59 12.62 -40.28	147.42 12.65 -19.76	129.24 8.75 -35.55	123.89 8.34 -30.45	116.53 7.83 -24.56	117.33 7.66 -25.52	109.63 7.37 -18.54
NEG NORTH_FLCN_SEA 23793	80.69 -0.24 0.00	74.79 -0.07 0.00	74.79 -0.07 0.00	74.87 0.00 0.00	80.45 -0.16 0.00	81.29 -0.90 0.00	83.76 -2.15 0.00	101.40 -2.39 0.00	105.10 -4.27 0.00	83.50 -2.23 0.00	83.59 -2.14 0.00	83.94 -2.06 0.00	83.58 -2.06 0.00	82.98 -1.87 0.00	83.33 -2.05 0.00	84.47 -2.08 0.00	85.57 -1.92 0.00	110.97 -2.73 0.00	112.25 -2.76 0.00	83.24 -1.70 0.00	83.92 -1.19 0.00	83.31 -0.84 0.00	83.22 -0.93 0.00	83.89 0.17 0.00
NEG NORTH_KES_CHATEGAY 23792	79.63 -1.29 0.00	73.74 -1.12 0.00	73.74 -1.12 0.00	73.82 -1.05 0.00	79.32 -1.29 0.00	80.14 -2.05 0.00	83.08 -2.84 0.00	100.67 -3.11 0.00	105.10 -4.27 0.00	82.82 -2.91 0.00	82.90 -2.83 0.00	83.25 -2.75 0.00	82.99 -2.65 0.00	82.38 -2.46 0.00	82.73 -2.65 0.00	83.87 -2.68 0.00	84.95 -2.54 0.00	110.17 -3.52 0.00	111.44 -3.57 0.00	82.56 -2.38 0.00	83.32 -1.79 0.00	82.63 -1.51 0.00	82.63 -1.51 0.00	82.63 -1.09 0.00
NEG NORTH___ALICE_FALLS 23915	80.85 -0.08 0.00	74.94 0.07 0.00	74.94 0.07 0.00	75.01 0.15 0.00	80.69 0.08 0.00	81.46 -0.74 0.00	84.19 -1.72 0.00	102.02 -1.76 0.00	105.86 -3.50 0.00	83.93 -1.80 0.00	84.02 -1.71 0.00	84.37 -1.63 0.00	84.01 -1.63 0.00	83.40 -1.44 0.00	83.67 -1.71 0.00	84.99 -1.56 0.00	86.18 -1.31 0.00	111.65 -2.05 0.00	113.05 -1.96 0.00	83.83 -1.10 0.00	84.60 -0.51 0.00	83.90 -0.25 0.00	83.81 -0.34 0.00	84.14 0.42 0.00
NEG NORTH___LWR_SARANAC 23913	80.85 -0.08 0.00	74.94 0.07 0.00	74.94 0.07 0.00	75.01 0.15 0.00	80.69 0.08 0.00	81.46 -0.74 0.00	84.19 -1.72 0.00	102.02 -1.76 0.00	105.86 -3.50 0.00	83.93 -1.80 0.00	84.02 -1.71 0.00	84.37 -1.63 0.00	84.01 -1.63 0.00	83.40 -1.44 0.00	83.67 -1.71 0.00	84.99 -1.56 0.00	86.18 -1.31 0.00	111.65 -2.05 0.00	113.05 -1.96 0.00	83.83 -1.10 0.00	84.60 -0.51 0.00	83.90 -0.25 0.00	83.81 -0.34 0.00	84.14 0.42 0.00
NEG NORTH___PLATTSBURG 23628	80.85 -0.08 0.00	74.94 0.07 0.00	74.94 0.07 0.00	75.02 0.15 0.00	80.69 0.08 0.00	81.46 -0.74 0.00	84.19 -1.72 0.00	102.02 -1.76 0.00	106.08 -3.28 0.00	84.10 -1.63 0.00	84.02 -1.71 0.00	84.46 -1.55 0.00	84.01 -1.63 0.00	83.40 -1.44 0.00	83.67 -1.71 0.00	84.82 -1.73 0.00	86.18 -1.31 0.00	111.65 -2.04 0.00	113.05 -1.96 0.00	84.25 -0.68 0.00	84.60 -0.51 0.00	83.90 -0.25 0.00	83.81 -0.34 0.00	84.14 0.42 0.00
NEG WEST_LEA_LOCKPORT 23791	73.94 -7.85 -0.86	68.71 -7.49 -1.33	68.61 -7.26 -1.01	68.20 -7.34 -0.67	72.87 -7.74 0.00	76.19 -7.23 -1.22	82.13 -7.39 -3.60	98.80 -10.38 -5.39	98.09 -11.92 -0.65	78.11 -8.83 -1.21	76.98 -9.43 -0.68	77.40 -9.46 -0.86	76.63 -9.51 -0.50	75.86 -9.59 -0.60	76.81 -9.48 -0.91	79.76 -9.52 -2.73	82.03 -9.71 -4.25	104.90 -12.85 -4.05	104.82 -12.88 -2.69	81.62 -9.00 -5.69	80.36 -9.62 -4.87	78.40 -9.68 -3.93	79.31 -8.92 -4.08	78.90 -7.70 -2.88
NEG WEST___LANCASTER 23811	73.68 -8.25 -1.01	68.63 -7.79 -1.55	68.41 -7.64 -1.18	67.86 -7.79 -0.78	76.82 -3.79 0.00	75.98 -7.64 -1.43	82.38 -7.73 -4.21	99.38 -10.69 -6.29	102.47 -7.66 -0.77	78.14 -9.00 -1.41	77.01 -9.52 -0.80	77.37 -9.63 -1.00	76.63 -9.59 -0.58	75.88 -9.67 -0.70	76.96 -9.48 -1.06	80.21 -9.52 -3.18	82.83 -9.62 -4.97	106.20 -12.28 -4.78	105.66 -12.54 -3.18	82.48 -9.09 -6.64	81.17 -9.62 -5.68	79.14 -9.59 -4.58	79.82 -9.09 -4.76	79.13 -7.95 -3.36
NEG_PENN_ALLEGHNY 23528	83.27 0.49 -1.85	78.01 0.30 -2.84	77.40 0.38 -2.16	76.60 0.30 -1.43	81.58 0.97 0.00	85.72 0.91 -2.61	94.99 1.37 -7.71	116.57 1.25 -11.53	112.64 1.74 -1.53	89.18 0.86 -2.59	87.89 0.68 -1.47	88.52 0.68 -1.84	87.40 0.68 -1.08	86.65 0.51 -1.30	88.10 0.77 -1.95	93.34 0.95 -5.83	97.56 0.96 -9.10	125.20 1.37 -10.13	123.28 1.49 -6.78	98.03 0.76 -12.33	96.35 0.68 -10.56	93.26 0.59 -8.52	93.60 0.59 -8.85	90.71 0.84 -6.15
NEG___GEN_MONROE 24207	78.25 -3.40 -0.72	72.60 -3.37 -1.11	72.64 -3.07 -0.84	72.28 -3.14 -0.56	76.90 -3.71 0.00	80.75 -2.47 -1.02	86.59 -2.32 -3.00	104.54 -3.74 -4.49	104.53 -5.36 -0.53	83.22 -3.51 -1.01	82.26 -4.03 -0.56	82.67 -4.04 -0.71	82.11 -3.94 -0.41	81.10 -4.24 -0.50	82.03 -4.10 -0.75	84.84 -3.98 -2.27	87.27 -3.76 -3.54	112.73 -5.00 -4.04	112.95 -4.72 -2.65	86.53 -3.14 -4.74	85.59 -3.57 -4.06	83.55 -3.87 -3.27	83.85 -3.70 -3.40	83.36 -2.76 -2.40

NEPA__ENERGY 23901	75.33 -6.56 -0.96	70.04 -6.29 -1.47	69.92 -6.06 -1.12	69.47 -6.14 -0.74	75.37 -5.24 0.00	77.96 -5.59 -1.35	84.40 -5.50 -3.98	101.75 -7.99 -5.96	101.88 -8.20 -0.72	80.30 -6.77 -1.34	79.02 -7.46 -0.75	79.12 -7.83 -0.95	78.23 -7.96 -0.55	77.45 -8.06 -0.67	78.87 -7.51 -1.00	82.04 -7.53 -3.02	84.58 -7.61 -4.70	108.12 -10.01 -4.43	108.07 -9.89 -2.95	84.26 -6.96 -6.29	82.83 -7.66 -5.38	80.83 -7.66 -4.34	81.59 -7.07 -4.51	80.88 -6.03 -3.18
NEVERSink__HYD 23608	92.43 6.64 -4.87	88.48 6.14 -7.48	86.61 6.06 -5.68	84.78 6.14 -3.78	87.06 6.45 0.00	96.22 7.15 -6.88	113.94 7.74 -20.29	143.66 9.54 -30.33	123.65 10.50 -3.79	100.10 7.55 -6.82	101.34 7.37 -8.23	99.61 6.96 -6.65	97.40 6.93 -4.83	97.08 6.79 -5.44	99.68 7.00 -7.30	109.51 7.62 -15.34	121.31 8.40 -25.42	159.05 11.26 -34.10	144.01 11.04 -17.96	125.44 7.31 -33.20	120.94 7.40 -28.43	113.98 6.90 -22.93	114.55 6.57 -23.83	106.57 6.28 -16.57
NEWKRMKL_115KV_TB1 55635	91.47 3.48 -7.06	88.93 3.22 -10.85	86.33 3.22 -8.25	83.56 3.22 -5.48	84.16 3.55 0.00	95.80 3.62 -9.98	118.88 3.52 -29.45	151.67 3.84 -44.04	125.67 4.70 -11.61	99.40 3.77 -9.90	91.72 3.86 -2.13	95.35 3.78 -5.57	91.91 3.77 -2.50	91.90 3.73 -3.32	94.50 3.42 -5.70	112.11 3.29 -22.27	124.04 2.97 -33.58	151.64 4.09 -33.85	149.92 4.03 -30.89	134.36 2.97 -46.45	127.95 3.06 -39.78	119.35 3.11 -32.09	121.11 3.62 -33.35	110.48 3.77 -22.99
NEWTON__FALLS_HYD 23847	79.62 -1.46 -0.15	73.89 -1.20 -0.23	73.69 -1.35 -0.17	73.56 -1.42 -0.11	79.00 -1.61 0.00	80.60 -1.81 -0.21	83.43 -3.09 -0.61	102.22 -2.49 -0.92	106.63 -2.73 0.00	82.77 -3.17 -0.21	83.30 -2.49 -0.06	83.72 -2.41 -0.12	83.21 -2.48 -0.05	83.05 -1.87 -0.07	83.36 -2.13 -0.11	84.63 -2.34 -0.41	85.14 -2.97 -0.63	110.59 -3.75 -0.65	111.56 -3.91 -0.46	83.17 -2.63 -0.86	83.72 -2.13 -0.74	83.65 -1.09 -0.60	83.59 -1.18 -0.62	83.15 -1.00 -0.44
NGRID_A1_DSASP 323792	73.55 -8.26 -0.88	68.43 -7.79 -1.35	68.25 -7.64 -1.03	67.84 -7.71 -0.68	72.15 -8.46 0.00	75.80 -7.64 -1.24	81.41 -8.16 -3.66	97.86 -11.42 -5.48	96.78 -13.24 -0.66	77.28 -9.69 -1.23	76.30 -10.12 -0.69	76.64 -10.24 -0.87	75.95 -10.19 -0.51	75.10 -10.35 -0.61	76.14 -10.16 -0.92	79.29 -10.04 -2.77	81.23 -10.59 -4.33	103.50 -14.10 -3.90	103.47 -14.15 -2.61	80.01 -10.79 -5.86	79.74 -10.39 -5.02	77.76 -10.44 -4.05	78.76 -9.60 -4.21	78.28 -8.37 -2.93
NGRID_A2_DSASP 323793	73.55 -8.26 -0.88	68.43 -7.79 -1.35	68.25 -7.64 -1.03	67.84 -7.71 -0.68	72.15 -8.46 0.00	75.80 -7.64 -1.24	81.41 -8.16 -3.66	97.86 -11.42 -5.48	96.78 -13.24 -0.66	77.28 -9.69 -1.23	76.30 -10.12 -0.69	76.64 -10.24 -0.87	75.95 -10.19 -0.51	75.10 -10.35 -0.61	76.14 -10.16 -0.92	79.29 -10.04 -2.77	81.23 -10.59 -4.33	103.50 -14.10 -3.90	103.47 -14.15 -2.61	80.01 -10.79 -5.86	79.74 -10.39 -5.02	77.76 -10.44 -4.05	78.76 -9.60 -4.21	78.28 -8.37 -2.93
NGRID_A4_DSASP 323807	73.55 -8.26 -0.88	68.43 -7.79 -1.35	68.25 -7.64 -1.03	67.84 -7.71 -0.68	72.15 -8.46 0.00	75.80 -7.64 -1.24	81.41 -8.16 -3.66	97.86 -11.42 -5.48	96.78 -13.24 -0.66	77.28 -9.69 -1.23	76.30 -10.12 -0.69	76.64 -10.24 -0.87	75.95 -10.19 -0.51	75.10 -10.35 -0.61	76.14 -10.16 -0.92	79.29 -10.04 -2.77	81.23 -10.59 -4.33	103.50 -14.10 -3.90	103.47 -14.15 -2.61	80.01 -10.79 -5.86	79.74 -10.39 -5.02	77.76 -10.44 -4.05	78.76 -9.60 -4.21	78.28 -8.37 -2.93
NIAGARA_115E_LBMP 323715	73.07 -8.74 -0.88	67.84 -8.38 -1.35	67.81 -8.09 -1.03	67.39 -8.16 -0.68	71.90 -8.71 0.00	75.23 -8.22 -1.25	81.00 -8.59 -3.68	97.36 -11.93 -5.50	96.57 -13.46 -0.66	76.68 -10.29 -1.24	75.88 -10.55 -0.69	76.29 -10.58 -0.87	75.53 -10.62 -0.51	74.77 -10.69 -0.61	75.71 -10.59 -0.93	78.86 -10.48 -2.78	80.80 -11.03 -4.34	103.05 -14.67 -4.03	102.97 -14.72 -2.69	79.69 -11.12 -5.88	79.33 -10.81 -5.04	77.36 -10.85 -4.06	78.27 -10.10 -4.22	77.78 -8.88 -2.93
NIAGARA_115W_LBMP 323714	73.47 -8.33 -0.88	68.35 -7.86 -1.35	68.18 -7.71 -1.02	67.69 -7.86 -0.68	72.07 -8.55 0.00	75.71 -7.73 -1.24	81.24 -8.33 -3.66	97.64 -11.62 -5.48	96.56 -13.46 -0.66	77.11 -9.86 -1.23	76.13 -10.29 -0.69	76.55 -10.32 -0.87	75.78 -10.37 -0.51	75.02 -10.44 -0.61	75.97 -10.33 -0.92	79.11 -10.21 -2.77	81.05 -10.76 -4.32	103.25 -14.33 -3.89	103.23 -14.38 -2.60	79.92 -10.87 -5.86	79.57 -10.56 -5.01	77.59 -10.60 -4.04	78.59 -9.76 -4.20	78.10 -8.54 -2.92
NIAGARA_230_LBMP 323716	74.11 -7.69 -0.87	68.94 -7.26 -1.33	68.76 -7.11 -1.01	68.35 -7.19 -0.67	72.87 -7.74 0.00	76.35 -7.07 -1.22	82.13 -7.39 -3.61	98.72 -10.48 -5.41	97.76 -12.25 -0.65	77.86 -9.09 -1.22	76.89 -9.52 -0.68	77.31 -9.55 -0.86	76.63 -9.51 -0.50	75.77 -9.67 -0.60	76.81 -9.48 -0.91	80.03 -9.26 -2.73	81.96 -9.80 -4.27	104.38 -13.07 -3.76	104.41 -13.11 -2.51	80.78 -9.94 -5.78	80.44 -9.62 -4.95	78.47 -9.67 -3.99	79.38 -8.92 -4.15	78.91 -7.70 -2.88
NIAGARA__115KV_198_GIBSON 55903	73.47 -8.34 -0.88	68.35 -7.86 -1.35	68.18 -7.71 -1.02	67.69 -7.86 -0.68	72.07 -8.54 0.00	75.63 -7.81 -1.24	81.32 -8.25 -3.66	97.63 -11.62 -5.47	96.57 -13.45 -0.66	77.27 -9.69 -1.23	76.13 -10.29 -0.69	76.55 -10.32 -0.87	75.78 -10.36 -0.51	75.02 -10.44 -0.61	75.97 -10.33 -0.92	78.85 -10.47 -2.77	81.05 -10.76 -4.32	103.26 -14.33 -3.89	103.23 -14.38 -2.59	80.69 -10.02 -5.77	79.50 -10.55 -4.94	77.53 -10.60 -3.99	78.53 -9.76 -4.15	78.19 -8.46 -2.92
NIAGARA____ 23760	74.12 -7.69 -0.88	68.95 -7.26 -1.35	68.78 -7.11 -1.02	68.36 -7.19 -0.68	72.87 -7.74 0.00	76.37 -7.07 -1.24	82.18 -7.39 -3.66	98.77 -10.48 -5.46	97.77 -12.25 -0.66	77.87 -9.09 -1.23	76.90 -9.52 -0.69	77.32 -9.55 -0.87	76.64 -9.51 -0.50	75.78 -9.67 -0.61	76.82 -9.48 -0.92	80.05 -9.26 -2.76	81.99 -9.80 -4.30	104.48 -13.07 -3.86	104.47 -13.11 -2.58	80.82 -9.94 -5.83	80.48 -9.62 -4.99	78.50 -9.67 -4.03	79.42 -8.92 -4.19	78.94 -7.70 -2.92
NINE_MILE_1 23575	78.33 -2.91 -0.32	72.58 -2.77 -0.48	72.46 -2.77 -0.37	72.34 -2.77 -0.24	77.55 -3.06 0.00	79.85 -2.80 -0.45	84.47 -2.75 -1.31	102.34 -3.42 -1.97	105.53 -3.83 0.00	83.26 -2.92 -0.44	82.94 -2.92 -0.12	83.34 -2.92 -0.26	82.85 -2.91 -0.13	82.04 -2.97 -0.16	82.66 -2.99 -0.27	84.60 -2.94 -1.00	86.03 -2.97 -1.51	111.53 -3.75 -1.59	112.21 -3.79 -1.00	84.07 -2.98 -2.11	83.93 -2.98 -1.80	82.66 -2.95 -1.46	82.71 -2.95 -1.51	81.84 -2.93 -1.05
NINE_MILE_2 23744	78.33 -2.91 -0.31	72.58 -2.77 -0.48	72.46 -2.77 -0.37	72.34 -2.77 -0.24	77.55 -3.06 0.00	79.85 -2.80 -0.44	84.47 -2.75 -1.31	102.33 -3.42 -1.96	105.53 -3.83 0.00	83.26 -2.92 -0.44	82.94 -2.92 -0.12	83.34 -2.92 -0.26	82.85 -2.91 -0.12	82.03 -2.97 -0.16	82.66 -2.99 -0.27	84.60 -2.94 -0.99	86.02 -2.97 -1.51	111.52 -3.75 -1.58	112.21 -3.79 -0.99	84.06 -2.98 -2.10	83.92 -2.98 -1.80	82.65 -2.95 -1.45	82.71 -2.95 -1.51	81.84 -2.93 -1.05
NM_CAPITAL__DRP 24208	91.62 3.64 -7.04	88.98 3.29 -10.82	86.39 3.29 -8.23	83.62 3.29 -5.47	84.32 3.71 0.00	95.93 3.78 -9.95	118.98 3.69 -29.37	151.76 4.05 -43.93	125.48 4.81 -11.31	99.47 3.86 -9.88	91.84 3.94 -2.17	95.53 3.96 -5.57	92.10 3.94 -2.52	92.00 3.82 -3.34	94.68 3.59 -5.71	112.23 3.46 -22.22	124.24 3.24 -33.51	151.97 4.43 -33.84	150.10 4.37 -30.72	134.51 3.23 -46.35	128.12 3.32 -39.70	119.53 3.37 -32.02	121.21 3.79 -33.27	110.49 3.85 -22.92

NM_CENTRAL___DRP 24181	80.57 -0.89 -0.54	74.79 -0.90 -0.82	74.59 -0.90 -0.63	74.31 -0.97 -0.42	79.64 -0.97 0.00	82.38 -0.58 -0.76	87.97 -0.17 -2.23	106.71 -0.42 -3.34	108.81 -0.55 0.00	86.14 -0.34 -0.75	85.63 -0.51 -0.42	86.01 -0.52 -0.53	85.43 -0.51 -0.31	84.54 -0.68 -0.37	85.43 -0.51 -0.56	87.81 -0.43 -1.69	89.69 -0.44 -2.64	116.22 -0.45 -2.98	116.21 -0.46 -1.66	88.04 -0.42 -3.53	87.45 -0.68 -3.03	85.83 -0.76 -2.44	85.84 -0.84 -2.54	84.76 -0.75 -1.79
NM_FRONTIER___DRP 24179	73.47 -8.34 -0.88	68.35 -7.86 -1.35	68.18 -7.71 -1.02	67.69 -7.86 -0.68	72.07 -8.54 0.00	75.63 -7.81 -1.24	81.32 -8.25 -3.66	97.63 -11.62 -5.47	96.57 -13.45 -0.66	77.27 -9.69 -1.23	76.13 -10.29 -0.69	76.55 -10.32 -0.87	75.78 -10.36 -0.51	75.02 -10.44 -0.61	75.97 -10.33 -0.92	78.85 -10.47 -2.77	81.05 -10.76 -4.32	103.26 -14.33 -3.89	103.23 -14.38 -2.59	80.69 -10.02 -5.77	79.50 -10.55 -4.94	77.53 -10.60 -3.99	78.53 -9.76 -4.15	78.19 -8.46 -2.92
NM_ST_REGIS___HYD 24053	79.47 -1.46 0.00	73.67 -1.20 0.00	73.59 -1.27 0.00	73.67 -1.20 0.00	79.00 -1.61 0.00	79.49 -2.71 0.00	81.27 -4.64 0.00	99.43 -4.36 0.00	104.11 -5.25 0.00	80.93 -4.80 0.00	81.27 -4.46 0.00	81.87 -4.13 0.00	81.61 -4.03 0.00	81.54 -3.31 0.00	81.54 -3.84 0.00	82.05 -4.50 0.00	82.68 -4.81 0.00	107.21 -6.48 0.00	108.45 -6.56 0.00	80.52 -4.42 0.00	81.62 -3.49 0.00	81.96 -2.19 0.00	82.04 -2.10 0.00	82.22 -1.51 0.00
NORTHPORT___1 23551	99.34 8.82 -9.59	97.63 8.16 -14.60	90.61 8.24 -7.51	90.20 8.24 -7.10	92.18 9.03 -2.54	103.14 9.12 -11.82	130.42 9.79 -34.72	152.87 12.34 -36.74	129.48 13.78 -6.33	107.46 10.54 -11.18	112.52 10.28 -16.51	109.73 10.32 -13.41	105.81 10.27 -9.90	105.63 10.18 -10.60	109.47 10.41 -13.68	127.76 10.91 -30.31	151.72 10.94 -53.30	182.61 14.21 -54.70	179.57 14.49 -50.07	159.69 9.93 -64.82	152.73 9.78 -57.84	140.78 9.26 -47.38	125.47 9.67 -31.65	121.00 9.21 -28.07
NORTHPORT___2 23552	99.34 8.82 -9.59	97.63 8.16 -14.60	90.61 8.24 -7.51	90.20 8.24 -7.10	92.18 9.03 -2.54	103.14 9.12 -11.82	130.42 9.79 -34.72	152.87 12.34 -36.74	129.48 13.78 -6.33	107.46 10.54 -11.18	112.52 10.28 -16.51	109.73 10.32 -13.41	105.81 10.27 -9.90	105.63 10.18 -10.60	109.47 10.41 -13.68	127.76 10.91 -30.31	151.72 10.94 -53.30	182.61 14.21 -54.70	179.57 14.49 -50.07	159.69 9.93 -64.82	152.73 9.78 -57.84	140.78 9.26 -47.38	125.47 9.67 -31.65	121.00 9.21 -28.07
NORTHPORT___3 23553	98.65 8.26 -9.46	97.11 7.71 -14.53	90.05 7.71 -7.47	89.63 7.71 -7.05	91.49 8.38 -2.49	102.52 8.55 -11.77	129.80 9.28 -34.61	151.66 11.21 -36.66	128.85 13.23 -6.26	106.92 10.11 -11.07	112.18 10.11 -16.34	109.39 10.14 -13.25	105.52 10.10 -9.78	105.25 9.92 -10.49	108.98 10.07 -13.54	127.13 10.47 -30.11	150.79 10.23 -53.07	180.75 12.51 -54.55	177.47 12.65 -49.81	158.14 8.67 -64.54	151.66 8.93 -57.62	140.33 9.01 -47.17	124.75 9.09 -31.51	120.23 8.54 -27.96
NORTHPORT___4 23650	98.65 8.26 -9.46	97.11 7.71 -14.53	90.05 7.71 -7.47	89.63 7.71 -7.05	91.49 8.38 -2.49	102.52 8.55 -11.77	129.80 9.28 -34.61	151.66 11.21 -36.66	128.85 13.23 -6.26	106.92 10.11 -11.07	112.18 10.11 -16.34	109.39 10.14 -13.25	105.52 10.10 -9.78	105.25 9.92 -10.49	108.98 10.07 -13.54	127.13 10.47 -30.11	150.79 10.23 -53.07	180.75 12.51 -54.55	177.47 12.65 -49.81	158.14 8.67 -64.54	151.66 8.93 -57.62	140.33 9.01 -47.17	124.75 9.09 -31.51	120.23 8.54 -27.96
NORTHPORT___IC 23718	99.34 8.82 -9.59	97.63 8.16 -14.60	90.61 8.24 -7.51	90.20 8.24 -7.10	92.18 9.03 -2.54	103.14 9.12 -11.82	130.51 9.88 -34.72	153.08 12.56 -36.73	129.15 13.45 -6.33	107.46 10.54 -11.18	112.53 10.29 -16.51	109.73 10.32 -13.41	105.82 10.28 -9.90	105.63 10.18 -10.60	109.48 10.42 -13.68	127.85 10.99 -30.31	151.72 10.94 -53.30	182.61 14.21 -54.71	179.57 14.49 -50.07	158.16 10.02 -63.21	151.43 9.87 -56.45	139.58 9.17 -46.26	124.06 9.42 -30.49	121.00 9.21 -28.07
NORTH___COUNTRY_ESR 323785	79.39 -1.54 0.00	73.52 -1.35 0.00	73.52 -1.35 0.00	73.59 -1.27 0.00	79.08 -1.53 0.00	79.98 -2.22 0.00	82.73 -3.18 0.00	100.37 -3.42 0.00	104.98 -4.38 0.00	82.73 -3.00 0.00	82.73 -3.00 0.00	83.08 -2.92 0.00	82.73 -2.91 0.00	82.21 -2.63 0.00	82.47 -2.90 0.00	83.44 -3.11 0.00	84.60 -2.89 0.00	109.71 -3.98 0.00	110.98 -4.03 0.00	82.65 -2.29 0.00	82.98 -2.12 0.00	82.38 -1.77 0.00	82.38 -1.77 0.00	82.38 -1.34 0.00
NPX_GEN_1385_PROXY 323591	99.10 8.57 -9.59	97.55 8.09 -14.60	90.47 8.09 -7.51	90.20 8.24 -7.10	92.50 9.35 -2.54	103.22 9.20 -11.82	130.00 9.37 -34.72	151.63 11.11 -36.74	129.25 13.56 -6.33	107.28 10.37 -11.18	111.24 9.00 -16.51	108.19 8.78 -13.41	104.44 8.91 -9.90	104.78 9.33 -10.60	108.96 9.90 -13.68	126.98 10.12 -30.31	150.24 9.45 -53.30	180.00 11.60 -54.70	177.50 12.42 -50.07	158.17 8.41 -64.82	151.29 8.35 -57.84	139.78 8.25 -47.38	125.47 9.67 -31.65	121.00 9.21 -28.07
NPX_GEN_CSC 323557	100.03 8.82 -10.28	97.80 8.16 -14.78	90.76 8.16 -7.74	90.34 8.16 -7.31	92.30 8.95 -2.75	103.17 9.04 -11.93	131.07 10.22 -34.94	153.97 13.08 -37.11	129.22 13.12 -6.74	107.11 9.60 -11.78	113.30 10.11 -17.46	110.53 10.23 -14.30	106.18 10.02 -10.52	105.75 9.67 -11.23	109.92 10.07 -14.47	128.40 10.82 -31.04	152.70 11.55 -53.66	184.53 15.80 -55.03	181.28 15.88 -50.40	161.27 10.87 -65.46	153.75 10.55 -58.09	140.89 9.01 -47.73	126.21 9.67 -32.39	121.37 9.29 -28.36
NSINS_S___GLNS_FALLS 23858	94.41 6.23 -7.25	91.55 5.54 -11.14	88.87 5.54 -8.47	86.11 5.61 -5.63	86.82 6.21 0.00	98.86 6.41 -10.25	123.54 7.39 -30.24	158.14 9.13 -45.22	136.64 9.51 -17.76	103.10 7.20 -10.17	94.64 6.52 -2.40	98.08 6.28 -5.81	94.56 6.25 -2.67	94.47 6.11 -3.51	97.83 6.49 -5.96	116.17 6.75 -22.87	129.74 7.70 -34.55	159.37 10.57 -35.10	161.65 10.81 -35.83	140.25 7.64 -47.67	133.33 7.40 -40.82	124.14 7.07 -32.93	125.18 6.82 -34.22	113.80 6.45 -23.63
NUCOR_STEEL___DRP 24197	82.33 0.65 -0.76	76.48 0.45 -1.16	76.20 0.45 -0.88	75.90 0.45 -0.59	81.26 0.64 0.00	84.34 1.07 -1.07	90.70 1.63 -3.15	110.37 1.87 -4.71	111.57 1.64 -0.57	88.08 1.29 -1.06	87.27 0.94 -0.59	87.78 1.03 -0.75	87.10 1.03 -0.44	86.14 0.76 -0.53	87.11 0.94 -0.79	90.06 1.13 -2.39	92.44 1.22 -3.73	119.73 1.82 -4.21	119.74 1.96 -2.78	91.27 1.36 -4.98	90.39 1.02 -4.27	88.51 0.93 -3.44	88.57 0.84 -3.58	87.25 1.00 -2.52
NUMBER_THREE_WT_PWR 323818	80.81 -0.32 -0.20	75.10 -0.07 -0.31	74.80 -0.30 -0.24	74.65 -0.37 -0.16	80.45 -0.16 0.00	82.98 0.50 -0.28	87.36 0.61 -0.84	106.49 1.56 -1.14	111.22 1.86 0.00	86.67 0.68 -0.26	86.66 0.86 -0.07	86.92 0.77 -0.15	86.32 0.60 -0.07	85.87 0.94 -0.09	86.47 0.94 -0.16	88.34 1.21 -0.58	89.50 1.13 -0.88	116.19 1.59 -0.90	117.07 1.49 -0.57	87.60 1.44 -1.22	87.51 1.36 -1.04	86.33 1.34 -0.84	86.11 1.09 -0.87	85.34 1.01 -0.61
NYISO_LBMP_REFERENCE 24008	80.93 0.00 0.00	74.87 0.00 0.00	74.87 0.00 0.00	74.87 0.00 0.00	80.61 0.00 0.00	82.20 0.00 0.00	85.91 0.00 0.00	103.79 0.00 0.00	109.36 0.00 0.00	85.73 0.00 0.00	85.73 0.00 0.00	86.00 0.00 0.00	85.64 0.00 0.00	84.85 0.00 0.00	85.38 0.00 0.00	86.55 0.00 0.00	87.49 0.00 0.00	113.69 0.00 0.00	115.01 0.00 0.00	84.94 0.00 0.00	85.11 0.00 0.00	84.15 0.00 0.00	84.15 0.00 0.00	83.72 0.00 0.00

NYPA_BRENTWD____GT 24164	101.75 9.71 -11.11	98.83 8.98 -14.99	91.85 8.98 -8.00	91.41 8.98 -7.57	93.43 9.83 -2.99	104.30 10.02 -12.07	132.11 11.00 -35.20	155.25 13.91 -37.55	131.78 15.20 -7.22	109.72 11.49 -12.50	115.74 11.40 -18.61	112.80 11.44 -15.36	108.22 11.30 -11.28	107.95 11.11 -11.99	112.24 11.44 -15.42	130.58 12.12 -31.91	154.01 12.42 -54.11	185.50 16.38 -55.43	182.37 16.57 -50.80	162.55 11.39 -66.23	154.73 11.23 -58.39	142.83 10.52 -48.17	128.11 10.69 -33.27	122.55 10.13 -28.70
NYPA_GOWANUS____GT5 24156	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	119.04 8.41 -26.47	119.86 8.04 -28.10
NYPA_GOWANUS____GT6 24157	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.02 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.48 10.79 -49.89	147.65 12.25 -26.04	198.27 9.68 -102.86	117.79 9.94 -22.12	123.00 9.89 -27.11	122.16 9.84 -26.67	122.18 9.67 -27.66	121.94 9.81 -26.74	121.74 10.04 -25.16	285.58 10.06 -188.03	313.73 12.84 -187.19	322.86 13.11 -194.75	306.01 9.00 -212.07	287.08 9.02 -192.96	218.32 8.59 -125.59	119.04 8.41 -26.47	119.86 8.04 -28.10
NYPA_HARLEM__RVR__GT1 24160	93.17 6.88 -5.36	89.46 6.36 -8.24	87.57 6.44 -6.26	85.39 6.36 -4.16	87.55 6.93 -0.01	96.84 7.07 -7.58	116.32 8.07 -22.34	147.10 9.87 -33.44	124.49 11.27 -3.86	102.17 8.92 -7.53	105.59 9.18 -10.68	103.19 9.21 -7.99	100.85 9.17 -6.05	100.66 9.08 -6.73	103.36 9.14 -8.84	112.73 9.27 -16.92	125.33 9.27 -28.57	165.53 11.71 -40.13	146.40 11.85 -19.54	130.04 8.24 -36.87	124.78 8.09 -31.58	117.28 7.66 -25.47	118.28 7.66 -26.47	109.16 7.03 -18.40
NYPA_HARLEM__RVR__GT2 24161	93.17 6.88 -5.36	89.46 6.36 -8.24	87.57 6.44 -6.26	85.39 6.36 -4.16	87.55 6.93 -0.01	96.84 7.07 -7.58	116.32 8.07 -22.34	147.10 9.87 -33.44	124.49 11.27 -3.86	102.17 8.92 -7.53	105.59 9.18 -10.68	103.19 9.21 -7.99	100.85 9.17 -6.05	100.66 9.08 -6.73	103.36 9.14 -8.84	112.73 9.27 -16.92	125.33 9.27 -28.57	165.53 11.71 -40.13	146.40 11.85 -19.54	130.04 8.24 -36.87	124.78 8.09 -31.58	117.28 7.66 -25.47	118.28 7.66 -26.47	109.16 7.03 -18.40
NYPA_KENT____GT 24152	102.02 7.53 -13.57	100.50 7.04 -18.60	99.15 7.04 -17.25	98.29 7.04 -16.39	99.25 7.66 -10.97	103.56 7.72 -13.64	116.50 8.25 -22.34	157.28 10.59 -42.90	138.42 12.03 -17.03	164.06 9.51 -68.82	113.44 9.68 -18.03	116.00 9.72 -20.28	114.62 9.67 -19.31	114.54 9.50 -20.19	115.37 9.64 -20.35	118.42 9.78 -22.09	213.30 9.80 -116.01	250.89 12.51 -124.69	248.06 12.76 -120.28	231.21 8.67 -137.61	219.21 8.69 -125.42	175.44 8.25 -83.04	118.78 8.16 -26.47	115.67 7.79 -24.16
NYPA_POUCH1____GT 24155	107.72 7.61 -19.19	107.70 7.12 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	106.93 7.82 -18.50	107.89 7.89 -17.80	116.50 8.25 -22.34	164.16 10.48 -49.89	147.22 11.81 -26.04	197.93 9.35 -102.86	117.37 9.51 -22.12	122.66 9.55 -27.11	121.73 9.42 -26.67	121.84 9.33 -27.66	121.60 9.48 -26.74	121.40 9.69 -25.16	285.23 9.71 -188.03	313.39 12.51 -187.19	322.52 12.76 -194.75	305.76 8.75 -212.07	286.83 8.77 -192.96	218.15 8.41 -125.59	118.87 8.25 -26.47	119.69 7.87 -28.10
NYPA_VERNON____GT2 24162	96.24 7.36 -7.95	93.17 6.81 -11.49	91.39 6.81 -9.71	89.68 6.81 -8.00	91.47 7.41 -3.45	99.15 7.48 -9.47	116.24 7.99 -22.34	150.08 10.38 -35.91	129.19 11.81 -8.02	129.77 9.26 -34.78	109.18 9.51 -13.94	109.00 9.55 -13.45	107.09 9.50 -11.94	106.90 9.33 -12.72	108.81 9.48 -13.96	115.19 9.61 -19.03	149.29 9.62 -52.17	188.16 12.28 -62.18	173.25 12.42 -45.82	156.57 8.49 -63.14	151.41 8.43 -57.88	132.63 8.00 -40.48	118.53 7.91 -26.47	111.48 7.54 -20.22
NYPA_VERNON____GT3 24163	96.24 7.36 -7.95	93.17 6.81 -11.49	91.39 6.81 -9.71	89.68 6.81 -8.00	91.47 7.41 -3.45	99.15 7.48 -9.47	116.24 7.99 -22.34	150.08 10.38 -35.91	129.19 11.81 -8.02	129.77 9.26 -34.78	109.18 9.51 -13.94	109.00 9.55 -13.45	107.09 9.50 -11.94	106.90 9.33 -12.72	108.81 9.48 -13.96	115.19 9.61 -19.03	149.29 9.62 -52.17	188.16 12.28 -62.18	173.25 12.42 -45.82	156.57 8.49 -63.14	151.41 8.43 -57.88	132.63 8.00 -40.48	118.53 7.91 -26.47	111.48 7.54 -20.22
NYPA__ASTORIA_CC1 323568	94.09 7.29 -5.88	90.48 6.74 -8.87	88.61 6.81 -6.94	86.52 6.74 -4.92	88.63 7.33 -0.68	97.62 7.48 -7.94	116.15 7.90 -22.34	147.41 10.18 -33.44	125.65 11.59 -4.70	115.96 9.18 -21.05	107.45 9.43 -12.29	106.16 9.46 -10.70	104.04 9.42 -8.98	103.80 9.25 -9.70	106.15 9.39 -11.38	113.91 9.52 -17.84	127.20 9.45 -30.26	166.00 12.17 -40.13	146.87 12.31 -19.55	130.22 8.41 -36.87	127.15 8.35 -33.70	117.53 7.91 -25.47	118.45 7.83 -26.47	109.94 7.45 -18.76
NYPA__ASTORIA_CC2 323569	94.09 7.29 -5.88	90.48 6.74 -8.87	88.61 6.81 -6.94	86.52 6.74 -4.92	88.63 7.33 -0.68	97.62 7.48 -7.94	116.15 7.90 -22.34	147.41 10.18 -33.44	125.65 11.59 -4.70	115.96 9.18 -21.05	107.45 9.43 -12.29	106.16 9.46 -10.70	104.04 9.42 -8.98	103.80 9.25 -9.70	106.15 9.39 -11.38	113.91 9.52 -17.84	127.20 9.45 -30.26	166.00 12.17 -40.13	146.87 12.31 -19.55	130.22 8.41 -36.87	127.15 8.35 -33.70	117.53 7.91 -25.47	118.45 7.83 -26.47	109.94 7.45 -18.76
NYPA__HOLTSVILL 23794	100.20 9.06 -10.21	98.01 8.38 -14.76	90.96 8.38 -7.71	90.54 8.38 -7.29	92.52 9.19 -2.72	103.40 9.29 -11.92	131.13 10.30 -34.92	153.93 13.08 -37.07	130.06 14.00 -6.70	107.99 10.54 -11.72	113.72 10.63 -17.36	110.95 10.75 -14.20	106.63 10.53 -10.46	106.28 10.26 -11.17	110.35 10.58 -14.39	128.68 11.17 -30.96	152.75 11.64 -53.63	184.15 15.46 -55.00	181.01 15.64 -50.37	161.03 10.70 -65.39	153.72 10.55 -58.06	141.52 9.67 -47.70	126.47 10.01 -32.31	121.51 9.46 -28.33
NYPA__HELLGATE_GT1 24158	93.17 6.88 -5.36	89.46 6.36 -8.24	87.57 6.44 -6.26	85.39 6.36 -4.16	87.55 6.93 -0.01	96.84 7.07 -7.58	116.32 8.07 -22.34	147.10 9.87 -33.44	124.49 11.27 -3.86	102.17 8.92 -7.53	105.59 9.18 -10.68	103.19 9.21 -7.99	100.85 9.17 -6.05	100.66 9.08 -6.73	103.36 9.14 -8.84	112.73 9.27 -16.92	125.33 9.27 -28.57	165.53 11.71 -40.13	146.40 11.85 -19.54	130.04 8.24 -36.87	124.78 8.09 -31.58	117.28 7.66 -25.47	118.28 7.66 -26.47	109.16 7.03 -18.40
NYPA__HELLGATE_GT2 24159	93.17 6.88 -5.36	89.46 6.36 -8.24	87.57 6.44 -6.26	85.39 6.36 -4.16	87.55 6.93 -0.01	96.84 7.07 -7.58	116.32 8.07 -22.34	147.10 9.87 -33.44	124.49 11.27 -3.86	102.17 8.92 -7.53	105.59 9.18 -10.68	103.19 9.21 -7.99	100.85 9.17 -6.05	100.66 9.08 -6.73	103.36 9.14 -8.84	112.73 9.27 -16.92	125.33 9.27 -28.57	165.53 11.71 -40.13	146.40 11.85 -19.54	130.04 8.24 -36.87	124.78 8.09 -31.58	117.28 7.66 -25.47	118.28 7.66 -26.47	109.16 7.03 -18.40
NYS_BARGE__HYD 23848	74.18 -7.61 -0.86	68.85 -7.33 -1.32	68.83 -7.04 -1.00	68.34 -7.19 -0.67	73.12 -7.49 0.00	76.42 -6.99 -1.21	82.27 -7.22 -3.58	99.07 -10.07 -5.35	98.41 -11.60 -0.64	78.11 -8.83 -1.20	77.23 -9.17 -0.67	77.65 -9.20 -0.85	76.88 -9.25 -0.49	76.11 -9.33 -0.60	77.06 -9.22 -0.90	80.25 -9.00 -2.71	82.26 -9.45 -4.22	105.24 -12.51 -4.05	105.05 -12.65 -2.69	81.06 -9.60 -5.72	80.65 -9.36 -4.90	78.68 -9.42 -3.95	79.50 -8.75 -4.11	79.04 -7.53 -2.85

OAK ORCHARD___HYD 24046	78.40 -3.24 -0.71	72.74 -3.22 -1.10	72.62 -3.07 -0.83	72.28 -3.14 -0.55	76.74 -3.87 0.00	80.66 -2.55 -1.01	86.65 -2.23 -2.97	104.91 -3.33 -4.45	104.64 -5.25 -0.52	83.47 -3.26 -1.00	82.69 -3.60 -0.56	83.18 -3.53 -0.71	82.54 -3.51 -0.41	81.52 -3.82 -0.50	82.46 -3.67 -0.75	85.42 -3.38 -2.25	87.59 -3.41 -3.51	113.18 -4.55 -4.04	113.18 -4.49 -2.65	86.04 -3.65 -4.76	85.69 -3.49 -4.08	83.74 -3.70 -3.29	84.03 -3.53 -3.42	83.25 -2.85 -2.37
OAKDALE___35_KV_LOAD 356122	83.01 0.24 -1.84	77.84 0.15 -2.82	77.16 0.15 -2.14	76.36 0.07 -1.42	81.34 0.73 0.00	85.45 0.66 -2.60	94.60 1.03 -7.66	116.06 0.83 -11.45	112.12 1.20 -1.55	88.90 0.60 -2.57	87.62 0.43 -1.46	88.26 0.43 -1.83	87.14 0.43 -1.07	86.39 0.25 -1.29	87.74 0.43 -1.94	92.86 0.52 -5.79	97.14 0.61 -9.04	124.77 1.02 -10.05	122.79 1.04 -6.74	97.69 0.68 -12.07	95.87 0.43 -10.34	92.74 0.25 -8.34	93.15 0.34 -8.67	90.33 0.50 -6.11
OCC_CHEM___DRP 24175	73.55 -8.25 -0.88	68.43 -7.79 -1.35	68.26 -7.64 -1.03	67.84 -7.71 -0.68	72.15 -8.46 0.00	75.80 -7.64 -1.24	81.50 -8.08 -3.66	97.85 -11.42 -5.48	96.79 -13.23 -0.66	77.45 -9.52 -1.23	76.31 -10.12 -0.69	76.72 -10.15 -0.87	75.96 -10.19 -0.51	75.11 -10.35 -0.61	76.14 -10.16 -0.92	79.02 -10.30 -2.77	81.23 -10.59 -4.33	103.50 -14.10 -3.90	103.47 -14.15 -2.60	80.87 -9.85 -5.78	79.59 -10.47 -4.95	77.71 -10.43 -3.99	78.71 -9.59 -4.15	78.36 -8.29 -2.93
OH_GEN_PROXY 24063	60.41 -7.44 13.08	60.41 -7.04 7.41	60.41 -6.89 7.57	60.41 -7.04 7.41	54.37 -7.49 18.75	76.52 -6.90 -1.23	74.80 -7.22 3.89	74.88 -10.17 18.74	75.05 -11.81 22.50	74.89 -8.83 2.01	75.03 -9.17 1.53	74.92 -9.29 1.79	60.04 -9.25 16.35	60.02 -9.33 15.49	74.98 -9.22 1.18	74.90 -9.00 2.65	82.32 -9.45 -4.28	104.81 -12.62 -3.74	104.86 -12.65 -2.50	81.14 -9.60 -5.80	74.87 -9.36 0.88	64.40 -9.34 10.41	59.97 -8.67 15.51	65.86 -7.45 10.41
OLIN_CORP_DRP 24177	73.32 -8.50 -0.89	68.07 -8.16 -1.36	68.04 -7.86 -1.04	67.54 -8.01 -0.69	72.07 -8.54 0.00	75.40 -8.06 -1.25	81.28 -8.33 -3.70	97.70 -11.62 -5.53	96.80 -13.23 -0.67	77.12 -9.86 -1.24	76.06 -10.37 -0.70	76.47 -10.41 -0.88	75.79 -10.36 -0.51	74.94 -10.52 -0.62	75.98 -10.33 -0.93	78.88 -10.47 -2.80	81.10 -10.76 -4.37	103.41 -14.33 -4.05	103.33 -14.38 -2.70	80.67 -10.11 -5.84	79.47 -10.64 -5.00	77.50 -10.69 -4.03	78.50 -9.85 -4.19	78.05 -8.62 -2.96
OLIN_CORP_DSASP 323712	73.55 -8.26 -0.88	68.43 -7.79 -1.35	68.25 -7.64 -1.03	67.84 -7.71 -0.68	72.15 -8.46 0.00	75.80 -7.64 -1.24	81.41 -8.16 -3.66	97.86 -11.42 -5.48	96.78 -13.24 -0.66	77.28 -9.69 -1.23	76.30 -10.12 -0.69	76.64 -10.24 -0.87	75.95 -10.19 -0.51	75.10 -10.35 -0.61	76.14 -10.16 -0.92	79.29 -10.04 -2.77	81.23 -10.59 -4.33	103.50 -14.10 -3.90	103.47 -14.15 -2.61	80.01 -10.79 -5.86	79.74 -10.39 -5.02	77.76 -10.44 -4.05	78.76 -9.60 -4.21	78.28 -8.37 -2.93
ONEIDA_HERK_LFGE 323681	82.56 1.46 -0.18	76.63 1.50 -0.27	76.42 1.35 -0.21	76.35 1.35 -0.14	82.22 1.61 0.00	84.67 2.22 -0.25	89.31 2.67 -0.74	108.16 3.32 -1.05	113.08 3.72 0.00	88.36 2.40 -0.24	88.28 2.49 -0.07	88.54 2.40 -0.14	87.93 2.22 -0.07	87.30 2.37 -0.09	88.00 2.48 -0.14	89.85 2.77 -0.53	91.01 2.72 -0.81	118.27 3.75 -0.83	119.21 3.68 -0.52	88.86 2.80 -1.12	88.79 2.72 -0.96	87.45 2.52 -0.78	87.23 2.27 -0.81	86.45 2.17 -0.56
ONEIDA___115KV_TB4 55905	83.86 2.59 -0.34	77.86 2.47 -0.53	77.66 2.40 -0.40	77.53 2.40 -0.27	83.43 2.82 0.00	86.22 3.53 -0.48	91.55 4.21 -1.43	110.70 4.77 -2.14	114.61 5.25 0.00	89.90 3.69 -0.48	89.46 3.60 -0.13	89.90 3.61 -0.28	89.20 3.43 -0.13	88.41 3.39 -0.17	89.25 3.59 -0.29	91.52 3.89 -1.07	92.97 3.85 -1.63	120.38 5.00 -1.68	121.02 4.95 -1.06	90.91 3.74 -2.24	90.51 3.49 -1.92	88.81 3.11 -1.55	88.70 2.95 -1.61	87.78 2.93 -1.13
ONONDAGA_REF_OCCRA 23987	81.27 -0.32 -0.66	75.51 -0.37 -1.02	75.27 -0.37 -0.78	74.93 -0.45 -0.52	80.29 -0.32 0.00	83.22 0.08 -0.94	89.20 0.52 -2.77	108.34 0.42 -4.14	109.69 0.33 0.00	86.92 0.26 -0.93	86.33 0.09 -0.52	86.74 0.09 -0.66	86.11 0.09 -0.38	85.22 -0.08 -0.46	86.16 0.09 -0.70	88.82 0.17 -2.10	91.03 0.26 -3.27	117.85 0.45 -3.70	117.64 0.58 -2.06	89.65 0.34 -4.38	88.94 0.09 -3.75	87.09 -0.08 -3.02	87.12 -0.17 -3.14	85.85 -0.08 -2.21
ONONDAGA___COGEN 23986	81.48 -0.08 -0.63	75.61 -0.22 -0.97	75.38 -0.22 -0.74	75.13 -0.22 -0.49	80.45 -0.16 0.00	83.34 0.25 -0.90	89.16 0.60 -2.64	108.36 0.62 -3.95	109.80 0.44 0.00	87.05 0.43 -0.89	86.40 0.17 -0.49	86.80 0.17 -0.63	86.26 0.26 -0.36	85.29 0.00 -0.44	86.21 0.17 -0.67	88.81 0.26 -2.01	90.97 0.35 -3.13	117.80 0.57 -3.53	117.66 0.69 -1.97	89.54 0.42 -4.18	88.86 0.17 -3.58	87.12 0.08 -2.89	87.15 0.00 -3.00	85.92 0.08 -2.11
ONTARIO___LFGE 23819	80.98 -0.81 -0.86	75.21 -0.98 -1.32	75.05 -0.82 -1.01	74.64 -0.90 -0.67	80.21 -0.40 0.00	83.50 0.08 -1.22	90.19 0.68 -3.59	109.48 0.31 -5.38	110.01 0.00 -0.65	86.60 -0.34 -1.21	85.64 -0.77 -0.68	86.08 -0.78 -0.85	85.28 -0.86 -0.50	84.34 -1.11 -0.60	85.43 -0.85 -0.91	88.75 -0.52 -2.72	91.21 -0.52 -4.24	117.78 -0.68 -4.76	117.58 -0.57 -3.14	90.18 -0.51 -5.75	89.44 -0.59 -4.93	87.54 -0.58 -3.97	87.60 -0.68 -4.13	86.34 -0.25 -2.87
ORANGEVILLE_WT_PWR 323706	76.09 -5.90 -1.07	70.89 -5.62 -1.64	70.87 -5.24 -1.24	70.38 -5.31 -0.83	75.93 -4.68 0.00	78.94 -4.77 -1.51	85.63 -4.72 -4.44	103.49 -6.95 -6.65	102.96 -7.22 -0.82	80.88 -6.34 -1.50	79.80 -6.77 -0.84	80.17 -6.88 -1.06	79.32 -6.93 -0.62	78.55 -7.04 -0.74	79.67 -6.83 -1.12	83.42 -6.49 -3.36	86.17 -6.56 -5.25	110.38 -8.53 -5.22	109.97 -8.51 -3.47	85.42 -6.63 -7.11	84.81 -6.38 -6.09	82.66 -6.40 -4.91	83.28 -5.97 -5.11	82.25 -5.02 -3.55
ORANGEVILLE___ESR 323794	76.09 -5.90 -1.07	70.89 -5.62 -1.64	70.87 -5.24 -1.24	70.38 -5.31 -0.83	75.93 -4.68 0.00	78.94 -4.77 -1.51	85.63 -4.72 -4.44	103.49 -6.95 -6.65	102.96 -7.22 -0.82	80.88 -6.34 -1.50	79.80 -6.77 -0.84	80.17 -6.88 -1.06	79.32 -6.93 -0.62	78.55 -7.04 -0.74	79.67 -6.83 -1.12	83.42 -6.49 -3.36	86.17 -6.56 -5.25	110.38 -8.53 -5.22	109.97 -8.51 -3.47	85.42 -6.63 -7.11	84.81 -6.38 -6.09	82.66 -6.40 -4.91	83.28 -5.97 -5.11	82.25 -5.02 -3.55
OSWEGATCHIE___HYD 24044	79.62 -1.45 -0.15	73.89 -1.20 -0.23	73.69 -1.35 -0.17	73.55 -1.42 -0.11	79.00 -1.61 0.00	80.60 -1.81 -0.21	83.44 -3.09 -0.61	102.12 -2.49 -0.82	106.74 -2.63 0.00	83.00 -2.92 -0.18	83.29 -2.49 -0.05	83.70 -2.41 -0.11	83.21 -2.49 -0.05	83.05 -1.87 -0.07	83.36 -2.13 -0.11	84.37 -2.59 -0.41	85.14 -2.97 -0.63	110.59 -3.75 -0.65	111.51 -3.91 -0.41	83.86 -1.95 -0.87	83.73 -2.12 -0.75	83.66 -1.10 -0.60	83.60 -1.18 -0.63	83.24 -0.92 -0.43
OSWEGO___5 23606	78.74 -2.51 -0.32	72.96 -2.40 -0.49	72.84 -2.40 -0.37	72.71 -2.40 -0.25	78.03 -2.58 0.00	80.26 -2.39 -0.45	85.01 -2.23 -1.33	102.88 -2.91 -2.00	106.08 -3.28 0.00	83.69 -2.49 -0.45	83.37 -2.49 -0.13	83.77 -2.50 -0.26	83.28 -2.49 -0.13	82.47 -2.54 -0.16	83.17 -2.48 -0.27	85.14 -2.42 -1.01	86.48 -2.54 -1.53	112.12 -3.18 -1.60	112.80 -3.22 -1.01	84.60 -2.47 -2.13	84.46 -2.47 -1.83	83.10 -2.52 -1.47	83.16 -2.52 -1.53	82.28 -2.51 -1.07

OSWEGO___6 23613	78.74 -2.51 -0.32	72.96 -2.40 -0.49	72.84 -2.40 -0.37	72.71 -2.40 -0.25	78.03 -2.58 0.00	80.26 -2.39 -0.45	85.01 -2.23 -1.33	102.88 -2.91 -2.00	106.08 -3.28 0.00	83.69 -2.49 -0.45	83.37 -2.49 -0.13	83.77 -2.50 -0.26	83.28 -2.49 -0.13	82.47 -2.54 -0.16	83.17 -2.48 -0.27	85.14 -2.42 -1.01	86.48 -2.54 -1.53	112.12 -3.18 -1.60	112.80 -3.22 -1.01	84.60 -2.47 -2.13	84.46 -2.47 -1.83	83.10 -2.52 -1.47	83.16 -2.52 -1.53	82.28 -2.51 -1.07
OUTOKUMPU-AB___DRP 24206	74.86 -6.96 -0.89	69.65 -6.59 -1.37	69.47 -6.44 -1.04	68.97 -6.59 -0.69	74.00 -6.61 0.00	77.22 -6.25 -1.26	83.20 -6.44 -3.73	100.02 -9.34 -5.58	99.65 -10.39 -0.67	79.18 -7.80 -1.25	78.03 -8.40 -0.70	78.46 -8.43 -0.89	77.68 -8.48 -0.52	76.90 -8.57 -0.62	77.87 -8.45 -0.94	80.89 -8.48 -2.82	83.23 -8.66 -4.40	106.20 -11.60 -4.11	106.24 -11.50 -2.74	82.75 -8.07 -5.89	81.47 -8.68 -5.04	79.46 -8.75 -4.07	80.38 -7.99 -4.23	79.92 -6.78 -2.98
OXBOW___BTM 323836	74.37 -7.44 -0.89	69.11 -7.11 -1.36	69.01 -6.89 -1.04	68.51 -7.04 -0.69	73.20 -7.41 0.00	76.63 -6.82 -1.25	82.39 -7.22 -3.70	99.15 -10.17 -5.53	98.43 -11.60 -0.67	78.32 -8.66 -1.24	77.26 -9.17 -0.70	77.68 -9.20 -0.88	76.99 -9.16 -0.51	76.13 -9.33 -0.62	77.18 -9.13 -0.93	80.44 -8.91 -2.80	82.41 -9.45 -4.37	105.08 -12.62 -4.01	105.03 -12.65 -2.67	81.17 -9.68 -5.92	80.81 -9.36 -5.07	78.81 -9.42 -4.09	79.73 -8.67 -4.25	79.22 -7.45 -2.95
OXBOW____ 24026	74.37 -7.45 -0.89	69.19 -7.04 -1.36	69.01 -6.89 -1.04	68.52 -7.04 -0.69	73.20 -7.42 0.00	76.63 -6.82 -1.25	82.48 -7.13 -3.70	99.14 -10.17 -5.53	98.44 -11.59 -0.67	78.49 -8.49 -1.24	77.25 -9.17 -0.70	77.68 -9.20 -0.88	76.99 -9.16 -0.51	76.13 -9.33 -0.62	77.17 -9.14 -0.93	80.09 -9.26 -2.80	82.41 -9.45 -4.37	105.08 -12.62 -4.01	105.03 -12.65 -2.67	81.94 -8.83 -5.83	80.74 -9.36 -5.00	78.75 -9.42 -4.03	79.67 -8.67 -4.19	79.22 -7.45 -2.95
OXY_CHEM_DSASP 323612	73.55 -8.25 -0.88	68.43 -7.79 -1.35	68.26 -7.64 -1.03	67.84 -7.71 -0.68	72.15 -8.46 0.00	75.80 -7.64 -1.24	81.50 -8.08 -3.66	97.85 -11.42 -5.48	96.79 -13.23 -0.66	77.45 -9.52 -1.23	76.31 -10.12 -0.69	76.72 -10.15 -0.87	75.96 -10.19 -0.51	75.11 -10.35 -0.61	76.14 -10.16 -0.92	79.02 -10.30 -2.77	81.23 -10.59 -4.33	103.50 -14.10 -3.90	103.47 -14.15 -2.60	80.87 -9.85 -5.78	79.59 -10.47 -4.95	77.71 -10.43 -3.99	78.71 -9.59 -4.15	78.36 -8.29 -2.93
OZONE_PARK_ESR 323760	93.81 7.53 -5.36	90.05 6.96 -8.23	88.08 6.96 -6.25	85.98 6.96 -4.15	88.19 7.58 0.00	97.49 7.73 -7.57	116.49 8.25 -22.33	148.01 10.79 -33.43	125.59 12.36 -3.87	103.11 9.86 -7.52	106.34 9.94 -10.67	103.97 9.98 -7.99	101.54 9.85 -6.05	101.34 9.76 -6.74	104.04 9.82 -8.85	113.32 9.87 -16.91	126.12 10.06 -28.56	166.68 12.85 -40.13	147.55 13.00 -19.55	129.27 9.09 -35.25	124.14 8.85 -30.18	116.83 8.33 -24.35	117.70 8.25 -25.30	109.90 7.79 -18.39
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	73.55 -8.25 -0.88	68.43 -7.79 -1.35	68.26 -7.64 -1.03	67.84 -7.71 -0.68	72.15 -8.46 0.00	75.80 -7.64 -1.24	81.50 -8.08 -3.66	97.85 -11.42 -5.48	96.79 -13.23 -0.66	77.45 -9.52 -1.23	76.31 -10.12 -0.69	76.72 -10.15 -0.87	75.96 -10.19 -0.51	75.11 -10.35 -0.61	76.14 -10.16 -0.92	79.02 -10.30 -2.77	81.23 -10.59 -4.33	103.50 -14.10 -3.90	103.47 -14.15 -2.60	80.87 -9.85 -5.78	79.59 -10.47 -4.95	77.71 -10.43 -3.99	78.71 -9.59 -4.15	78.36 -8.29 -2.93
PACKARD__115KV_DUPONT_184 80571	73.55 -8.25 -0.88	68.43 -7.79 -1.35	68.26 -7.64 -1.03	67.84 -7.71 -0.68	72.15 -8.46 0.00	75.80 -7.64 -1.24	81.50 -8.08 -3.66	97.85 -11.42 -5.48	96.79 -13.23 -0.66	77.45 -9.52 -1.23	76.31 -10.12 -0.69	76.72 -10.15 -0.87	75.96 -10.19 -0.51	75.11 -10.35 -0.61	76.14 -10.16 -0.92	79.02 -10.30 -2.77	81.23 -10.59 -4.33	103.50 -14.10 -3.90	103.47 -14.15 -2.60	80.87 -9.85 -5.78	79.59 -10.47 -4.95	77.71 -10.43 -3.99	78.71 -9.59 -4.15	78.36 -8.29 -2.93
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	93.17 6.88 -5.36	89.54 6.44 -8.24	87.57 6.44 -6.26	85.47 6.44 -4.16	87.55 6.93 -0.01	96.84 7.07 -7.58	116.24 7.99 -22.34	147.09 9.86 -33.44	124.37 11.15 -3.86	102.17 8.92 -7.53	105.50 9.09 -10.68	103.02 9.03 -7.99	100.68 8.99 -6.05	100.49 8.91 -6.73	103.18 8.96 -8.84	112.47 9.00 -16.92	125.16 9.10 -28.57	165.43 11.60 -40.14	146.29 11.73 -19.55	128.35 8.15 -35.26	123.30 8.00 -30.19	116.16 7.66 -24.36	117.12 7.66 -25.31	109.16 7.03 -18.40
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	93.98 7.69 -5.36	90.29 7.19 -8.24	88.31 7.19 -6.26	86.22 7.19 -4.16	88.44 7.82 -0.01	97.67 7.89 -7.58	117.10 8.85 -22.34	148.13 10.90 -33.44	125.47 12.25 -3.86	103.03 9.77 -7.53	106.35 9.94 -10.68	103.79 9.80 -7.99	101.45 9.76 -6.05	101.16 9.59 -6.73	103.95 9.73 -8.84	113.25 9.78 -16.92	125.95 9.89 -28.57	166.56 12.73 -40.14	147.44 12.88 -19.55	129.19 9.00 -35.26	124.15 8.85 -30.19	116.92 8.41 -24.36	117.88 8.41 -25.31	109.99 7.87 -18.40
PATROON__115KV_TB1 80586	91.66 3.64 -7.09	89.12 3.37 -10.89	86.51 3.37 -8.28	83.73 3.37 -5.50	84.32 3.71 0.00	95.99 3.78 -10.01	119.24 3.78 -29.55	152.13 4.15 -44.19	126.86 5.03 -12.47	99.70 4.03 -9.94	91.95 4.03 -2.19	95.65 4.04 -5.61	92.20 4.03 -2.54	92.11 3.90 -3.36	94.80 3.67 -5.75	112.45 3.55 -22.35	124.44 3.24 -33.72	152.18 4.43 -34.06	151.02 4.49 -31.53	134.77 3.23 -46.61	128.34 3.32 -39.91	119.71 3.37 -32.20	121.39 3.79 -33.46	110.72 3.93 -23.06
PATTRSNVILLE__SOLAR 323815	92.18 3.80 -7.45	89.76 3.45 -11.45	87.01 3.45 -8.70	84.09 3.45 -5.78	84.48 3.87 0.00	96.75 4.03 -10.53	121.61 4.64 -31.07	155.75 5.50 -46.46	133.81 5.79 -18.66	100.21 4.03 -10.45	91.70 3.60 -2.37	95.45 3.53 -5.93	91.85 3.51 -2.70	91.89 3.48 -3.56	95.21 3.75 -6.08	114.20 4.15 -23.50	127.68 4.72 -35.47	156.16 6.59 -35.88	158.85 6.67 -37.18	138.30 4.67 -48.70	131.41 4.59 -41.71	122.25 4.46 -33.64	123.40 4.29 -34.96	112.12 4.10 -24.30
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	74.30 -7.61 -0.98	69.18 -7.19 -1.50	68.97 -7.04 -1.14	68.51 -7.11 -0.76	76.26 -4.35 0.00	76.67 -6.90 -1.38	83.02 -6.96 -4.07	100.11 -9.76 -6.08	102.12 -7.98 -0.74	78.87 -8.23 -1.37	77.75 -8.74 -0.77	78.11 -8.86 -0.97	77.38 -8.82 -0.56	76.53 -8.99 -0.68	77.69 -8.71 -1.03	80.89 -8.74 -3.08	83.45 -8.84 -4.80	106.78 -11.48 -4.57	106.44 -11.62 -3.04	83.03 -8.32 -6.42	81.66 -8.94 -5.49	79.66 -8.92 -4.43	80.42 -8.33 -4.61	79.77 -7.20 -3.25
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	93.46 7.12 -5.41	89.83 6.66 -8.31	87.77 6.59 -6.31	85.65 6.59 -4.19	87.71 7.09 0.00	97.40 7.56 -7.64	116.53 8.08 -22.54	147.68 10.17 -33.72	124.80 11.48 -3.95	102.32 9.00 -7.58	105.71 9.34 -10.63	103.21 9.20 -8.01	100.68 8.99 -6.05	100.49 8.91 -6.74	103.29 9.05 -8.86	112.61 9.00 -17.06	125.80 9.54 -28.77	166.59 12.62 -40.28	147.42 12.65 -19.76	129.24 8.75 -35.55	123.89 8.34 -30.45	116.53 7.83 -24.56	117.33 7.66 -25.52	109.63 7.37 -18.54
PEEKSKILL____ 23653	92.12 5.90 -5.29	88.45 5.46 -8.12	86.50 5.46 -6.18	84.43 5.46 -4.10	86.49 5.88 0.00	95.75 6.08 -7.47	114.49 6.53 -22.05	145.18 8.40 -32.99	122.69 9.51 -3.82	100.69 7.55 -7.42	104.07 7.88 -10.45	101.68 7.83 -7.86	99.37 7.79 -5.94	99.18 7.72 -6.62	101.84 7.77 -8.69	111.11 7.88 -16.68	123.61 7.96 -28.16	163.41 10.24 -39.48	144.65 10.36 -19.29	128.17 6.88 -36.36	123.14 6.89 -31.14	115.75 6.48 -25.12	116.64 6.39 -26.10	107.90 6.03 -18.14

PGE MADISON___WINDPWR 24146	89.18 6.48 -1.77	83.95 6.36 -2.73	82.85 5.91 -2.07	82.23 5.99 -1.38	87.78 7.17 0.00	93.33 8.63 -2.51	103.44 10.13 -7.40	126.47 11.62 -11.06	123.71 12.46 -1.89	96.37 8.15 -2.49	95.12 7.97 -1.42	95.67 7.91 -1.77	94.04 7.37 -1.03	93.73 7.64 -1.24	95.19 7.94 -1.87	101.06 8.92 -5.59	105.68 9.45 -8.73	136.56 13.07 -9.80	135.44 13.56 -6.86	106.61 9.85 -11.83	104.93 9.70 -10.13	101.15 8.83 -8.17	100.97 8.33 -8.49	98.00 8.37 -5.90
PIERCEFIELD___HYD 23852	79.23 -1.70 0.00	73.44 -1.42 0.00	73.37 -1.50 0.00	73.37 -1.50 0.00	78.60 -2.02 0.00	79.08 -3.12 0.00	80.58 -5.33 0.00	98.91 -4.88 0.00	103.67 -5.69 0.00	80.16 -5.57 0.00	80.67 -5.06 0.00	81.18 -4.82 0.00	81.02 -4.62 0.00	81.03 -3.82 0.00	81.02 -4.35 0.00	81.27 -5.28 0.00	81.72 -5.77 0.00	106.08 -7.62 0.00	107.30 -7.71 0.00	79.58 -5.35 0.00	80.85 -4.26 0.00	81.37 -2.78 0.00	81.62 -2.52 0.00	81.80 -1.93 0.00
PINELAWN_CC_1 323563	105.75 9.06 -15.76	99.33 8.38 -16.08	92.71 8.46 -9.39	92.14 8.38 -8.90	93.98 9.11 -4.26	104.37 9.37 -12.80	132.87 10.22 -36.74	156.71 12.87 -40.06	133.62 14.32 -9.93	113.14 10.89 -16.52	121.63 10.89 -25.01	118.13 10.84 -21.30	111.93 10.79 -15.50	111.68 10.60 -16.23	116.94 10.84 -20.72	134.85 11.42 -36.88	155.88 11.64 -56.76	186.58 15.12 -57.77	183.58 15.30 -53.27	166.17 10.53 -70.71	155.76 10.38 -60.28	144.73 9.84 -50.74	132.40 10.01 -38.25	123.81 9.37 -30.71
PJM_GEN_HTP_PROXY 323702	93.00 6.71 -5.35	89.30 6.21 -8.23	87.41 6.29 -6.25	85.31 6.29 -4.15	87.38 6.77 0.00	96.67 6.91 -7.57	115.71 7.47 -22.33	146.87 9.65 -33.43	124.27 11.04 -3.87	102.00 8.75 -7.52	105.40 9.00 -10.67	103.02 9.03 -7.99	100.68 8.99 -6.05	100.41 8.82 -6.74	103.10 8.88 -8.85	112.46 9.00 -16.91	125.06 9.01 -28.56	165.42 11.60 -40.13	146.29 11.74 -19.55	129.69 7.90 -36.86	124.50 7.82 -31.57	117.02 7.41 -25.46	117.93 7.32 -26.46	108.98 6.87 -18.39
PJM_GEN_KEystone 24065	52.22 -0.16 28.55	51.03 -0.22 23.61	50.43 -0.15 24.29	52.22 -0.22 22.42	55.20 0.49 25.90	61.95 0.16 20.41	72.98 0.26 13.19	94.66 0.00 9.13	74.31 0.87 35.92	64.58 0.17 21.32	59.80 0.17 26.10	56.30 0.17 29.87	54.36 0.17 31.45	53.58 0.08 31.35	53.42 0.17 32.13	56.69 0.26 30.12	69.75 0.18 17.92	101.82 0.11 11.99	85.98 0.12 29.14	75.92 -0.42 8.59	70.55 -0.42 14.13	66.50 -0.58 17.06	61.86 -0.42 21.87	59.94 -0.08 23.70
PJM_GEN_NEPTUNE_PROXY 323594	95.70 7.94 -6.84	92.17 7.41 -9.89	88.97 7.49 -6.62	87.23 7.41 -4.95	89.36 8.06 -0.69	99.09 8.22 -8.67	120.34 8.77 -25.67	149.50 11.21 -34.50	126.66 12.57 -4.73	104.21 9.68 -8.80	108.21 9.77 -12.71	105.69 9.80 -9.89	102.80 9.76 -7.40	102.52 9.58 -8.09	105.65 9.73 -10.54	117.38 10.04 -20.79	132.74 10.06 -35.19	170.64 12.84 -44.10	155.66 12.99 -27.66	138.33 8.92 -44.48	132.57 8.93 -38.53	124.00 8.50 -31.35	121.04 8.67 -28.22	112.91 8.12 -21.06
PJM_GEN_VFT_PROXY 323633	92.60 6.32 -5.36	89.00 5.91 -8.23	87.03 5.91 -6.25	84.93 5.91 -4.15	86.98 6.37 0.00	96.26 6.49 -7.57	115.20 6.96 -22.33	145.61 9.03 -32.80	123.73 10.50 -3.87	101.65 8.41 -7.52	104.97 8.57 -10.67	102.59 8.60 -7.99	100.26 8.56 -6.05	100.07 8.48 -6.74	102.76 8.54 -8.85	112.11 8.65 -16.91	124.63 8.58 -28.56	159.04 10.92 -34.43	138.80 11.04 -12.75	122.49 7.48 -30.08	120.03 7.40 -27.52	116.59 6.98 -25.46	117.51 6.90 -26.46	108.56 6.45 -18.39
PLATSBURG_115KV_PMLD1 355749	80.69 -0.24 0.00	74.72 -0.15 0.00	74.72 -0.15 0.00	74.79 -0.07 0.00	80.45 -0.16 0.00	81.29 -0.90 0.00	83.85 -2.06 0.00	101.61 -2.18 0.00	105.42 -3.94 0.00	83.59 -2.14 0.00	83.67 -2.06 0.00	84.02 -1.98 0.00	83.67 -1.97 0.00	83.15 -1.70 0.00	83.41 -1.96 0.00	84.56 -1.99 0.00	85.74 -1.75 0.00	111.08 -2.61 0.00	112.36 -2.65 0.00	83.32 -1.61 0.00	84.09 -1.02 0.00	83.39 -0.76 0.00	83.39 -0.76 0.00	83.81 0.08 0.00
PLEASANTVLY___LBMP 24000	92.28 5.75 -5.60	88.86 5.39 -8.61	86.80 5.39 -6.54	84.60 5.39 -4.35	86.42 5.80 0.00	96.12 6.00 -7.92	115.63 6.36 -23.36	146.84 8.10 -34.96	122.58 9.19 -4.04	100.88 7.29 -7.86	104.62 7.46 -11.43	101.95 7.48 -8.47	99.55 7.45 -6.45	99.32 7.30 -7.17	102.19 7.43 -9.39	111.67 7.44 -17.68	124.97 7.52 -29.96	165.87 9.78 -42.40	145.33 9.89 -20.43	128.41 6.62 -36.85	123.22 6.55 -31.56	115.83 6.23 -25.46	116.75 6.14 -26.46	108.76 5.78 -19.26
PLSNTVLE_13_KV_13.8KVDIST 80602	92.71 6.39 -5.39	89.06 5.91 -8.28	87.07 5.91 -6.30	84.96 5.91 -4.18	87.06 6.45 0.00	96.39 6.58 -7.62	115.43 7.04 -22.48	146.46 9.03 -33.65	123.64 10.39 -3.89	101.53 8.23 -7.57	104.91 8.40 -10.77	102.49 8.43 -8.06	100.06 8.31 -6.11	99.87 8.23 -6.80	102.58 8.28 -8.92	111.96 8.40 -17.02	124.74 8.49 -28.76	165.17 11.03 -40.45	145.84 11.16 -19.67	127.97 7.56 -35.47	122.89 7.40 -30.38	115.64 6.98 -24.50	116.51 6.90 -25.46	108.68 6.45 -18.51
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	92.71 6.39 -5.39	89.06 5.91 -8.28	87.07 5.91 -6.30	84.96 5.91 -4.18	87.06 6.45 0.00	96.39 6.58 -7.62	115.43 7.04 -22.48	146.46 9.03 -33.65	123.64 10.39 -3.89	101.53 8.23 -7.57	104.91 8.40 -10.77	102.49 8.43 -8.06	100.06 8.31 -6.11	99.87 8.23 -6.80	102.58 8.28 -8.92	111.96 8.40 -17.02	124.74 8.49 -28.76	165.17 11.03 -40.45	145.84 11.16 -19.67	127.97 7.56 -35.47	122.89 7.40 -30.38	115.64 6.98 -24.50	116.51 6.90 -25.46	108.68 6.45 -18.51
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	93.05 6.64 -5.48	89.43 6.14 -8.42	87.41 6.14 -6.40	85.26 6.14 -4.25	87.22 6.61 0.00	96.93 6.99 -7.75	116.17 7.39 -22.87	147.22 9.24 -34.20	123.90 10.39 -4.15	101.39 7.97 -7.69	104.15 8.06 -10.37	101.86 7.91 -7.95	99.46 7.88 -5.94	99.20 7.72 -6.64	102.01 7.85 -8.78	111.89 8.05 -17.30	125.01 8.49 -29.03	165.01 11.14 -40.18	146.53 11.39 -20.14	128.62 7.64 -36.04	123.55 7.57 -30.87	116.28 7.24 -24.90	117.09 7.07 -25.87	109.16 6.70 -18.74
POLETTI___ 23519	93.08 6.80 -5.36	89.46 6.36 -8.23	87.56 6.44 -6.25	85.46 6.44 -4.15	87.54 6.93 0.00	96.75 6.99 -7.57	115.63 7.39 -22.33	146.87 9.65 -33.43	124.38 11.15 -3.87	102.16 8.92 -7.52	105.49 9.09 -10.67	103.02 9.03 -7.99	100.69 8.99 -6.05	100.41 8.82 -6.74	103.19 8.96 -8.85	112.46 9.00 -16.91	124.98 8.92 -28.56	165.18 11.37 -40.12	146.04 11.50 -19.53	128.08 7.90 -35.25	123.04 7.74 -30.18	115.82 7.32 -24.35	116.77 7.32 -25.30	108.98 6.87 -18.39
POMONA___ESR 323819	91.60 5.51 -5.16	87.96 5.16 -7.93	85.99 5.09 -6.03	83.96 5.09 -4.00	86.10 5.48 0.00	95.08 5.59 -7.29	113.44 6.01 -21.52	143.65 7.79 -32.07	121.95 8.85 -3.73	99.88 6.94 -7.21	103.01 7.28 -10.00	100.88 7.31 -7.57	98.71 7.37 -5.70	98.50 7.30 -6.36	101.00 7.25 -8.37	110.04 7.27 -16.22	122.16 7.35 -27.32	161.37 9.55 -38.12	143.31 9.54 -18.76	126.63 6.37 -35.32	121.65 6.30 -30.25	114.61 6.06 -24.40	115.39 5.89 -25.36	106.87 5.52 -17.63
PORT_JEFF_3 23555	100.69 9.46 -10.30	98.32 8.68 -14.78	91.29 8.68 -7.74	90.86 8.68 -7.32	92.87 9.51 -2.75	103.83 9.69 -11.93	131.59 10.74 -34.94	154.50 13.59 -37.12	130.66 14.55 -6.75	108.42 10.89 -11.80	114.19 10.98 -17.49	111.42 11.10 -14.32	107.14 10.96 -10.54	106.70 10.60 -11.25	110.80 10.93 -14.49	129.20 11.60 -31.05	153.32 12.16 -53.67	184.87 16.14 -55.04	181.74 16.32 -50.40	161.62 11.21 -65.47	154.18 10.98 -58.09	142.07 10.18 -47.74	126.90 10.35 -32.40	121.96 9.87 -28.36

PORT_JEFF_4 23616	100.69 9.46 -10.30	98.32 8.68 -14.78	91.29 8.68 -7.74	90.86 8.68 -7.32	92.87 9.51 -2.75	103.83 9.69 -11.93	131.59 10.74 -34.94	154.50 13.59 -37.12	130.66 14.55 -6.75	108.42 10.89 -11.80	114.19 10.98 -17.49	111.42 11.10 -14.32	107.14 10.96 -10.54	106.70 10.60 -11.25	110.80 10.93 -14.49	129.20 11.60 -31.05	153.32 12.16 -53.67	184.87 16.14 -55.04	181.74 16.32 -50.40	161.62 11.21 -65.47	154.18 10.98 -58.09	142.07 10.18 -47.74	126.90 10.35 -32.40	121.96 9.87 -28.36
PORT_JEFF_IC 23713	100.83 9.47 -10.44	98.44 8.76 -14.81	91.41 8.76 -7.79	90.98 8.76 -7.36	92.99 9.59 -2.79	103.94 9.78 -11.96	131.80 10.91 -34.98	154.88 13.91 -37.19	130.62 14.44 -6.83	108.62 10.97 -11.92	114.46 11.06 -17.67	111.67 11.18 -14.49	107.35 11.05 -10.66	106.91 10.69 -11.37	111.04 11.01 -14.65	129.43 11.68 -31.19	153.47 12.25 -53.74	185.17 16.37 -55.11	182.03 16.56 -50.46	160.38 11.47 -63.97	153.01 11.15 -56.75	141.19 10.35 -46.69	125.80 10.27 -31.39	122.10 9.96 -28.42
PPL_PILGRIM_ST_GT1 24216	101.75 9.71 -11.11	98.83 8.98 -14.99	91.85 8.98 -8.00	91.41 8.98 -7.57	93.43 9.83 -2.99	104.30 10.02 -12.07	132.11 11.00 -35.20	155.25 13.91 -37.55	131.78 15.20 -7.22	109.72 11.49 -12.50	115.74 11.40 -18.61	112.80 11.44 -15.36	108.22 11.30 -11.28	107.95 11.11 -11.99	112.24 11.44 -15.42	130.58 12.12 -31.91	154.01 12.42 -54.11	185.50 16.38 -55.43	182.37 16.57 -50.80	162.55 11.39 -66.23	154.73 11.23 -58.39	142.83 10.52 -48.17	128.11 10.69 -33.27	122.55 10.13 -28.70
PPL_PILGRIM_ST_GT2 24217	101.75 9.71 -11.11	98.83 8.98 -14.99	91.85 8.98 -8.00	91.41 8.98 -7.57	93.43 9.83 -2.99	104.30 10.02 -12.07	132.11 11.00 -35.20	155.25 13.91 -37.55	131.78 15.20 -7.22	109.72 11.49 -12.50	115.74 11.40 -18.61	112.80 11.44 -15.36	108.22 11.30 -11.28	107.95 11.11 -11.99	112.24 11.44 -15.42	130.58 12.12 -31.91	154.01 12.42 -54.11	185.50 16.38 -55.43	182.37 16.57 -50.80	162.55 11.39 -66.23	154.73 11.23 -58.39	142.83 10.52 -48.17	128.11 10.69 -33.27	122.55 10.13 -28.70
PPL_SHRM_GT3 24213	100.27 8.98 -10.36	97.89 8.24 -14.79	90.86 8.24 -7.76	90.44 8.24 -7.34	92.41 9.03 -2.77	103.27 9.12 -11.94	131.18 10.30 -34.96	154.22 13.29 -37.15	129.48 13.34 -6.78	107.35 9.77 -11.85	113.58 10.28 -17.56	110.71 10.32 -14.39	106.33 10.10 -10.59	105.98 9.84 -11.30	110.17 10.24 -14.55	128.66 10.99 -31.11	152.83 11.64 -53.70	184.68 15.92 -55.07	181.42 15.98 -50.43	161.42 10.96 -65.53	153.86 10.64 -58.11	141.09 9.17 -47.77	126.45 9.84 -32.47	121.48 9.37 -28.39
PPL_SHRM_GT4 24214	100.27 8.98 -10.36	97.89 8.24 -14.79	90.86 8.24 -7.76	90.44 8.24 -7.34	92.41 9.03 -2.77	103.27 9.12 -11.94	131.18 10.30 -34.96	154.22 13.29 -37.15	129.48 13.34 -6.78	107.35 9.77 -11.85	113.58 10.28 -17.56	110.71 10.32 -14.39	106.33 10.10 -10.59	105.98 9.84 -11.30	110.17 10.24 -14.55	128.66 10.99 -31.11	152.83 11.64 -53.70	184.68 15.92 -55.07	181.42 15.98 -50.43	161.42 10.96 -65.53	153.86 10.64 -58.11	141.09 9.17 -47.77	126.45 9.84 -32.47	121.48 9.37 -28.39
PROJECT___ORANGE 1 24174	80.66 -0.81 -0.54	74.80 -0.90 -0.84	74.68 -0.82 -0.64	74.39 -0.90 -0.42	79.73 -0.89 0.00	82.47 -0.49 -0.77	88.09 -0.09 -2.27	106.87 -0.31 -3.39	108.92 -0.44 0.00	86.24 -0.26 -0.76	85.72 -0.43 -0.42	86.11 -0.43 -0.54	85.52 -0.43 -0.31	84.63 -0.59 -0.38	85.52 -0.43 -0.57	87.92 -0.35 -1.72	89.82 -0.35 -2.68	116.38 -0.34 -3.03	116.35 -0.35 -1.69	88.18 -0.34 -3.59	87.58 -0.60 -3.07	85.95 -0.67 -2.48	85.97 -0.76 -2.58	84.87 -0.67 -1.81
PROJECT___ORANGE 2 24166	80.66 -0.81 -0.54	74.80 -0.90 -0.84	74.68 -0.82 -0.64	74.39 -0.90 -0.42	79.73 -0.89 0.00	82.47 -0.49 -0.77	88.09 -0.09 -2.27	106.87 -0.31 -3.39	108.92 -0.44 0.00	86.24 -0.26 -0.76	85.72 -0.43 -0.42	86.11 -0.43 -0.54	85.52 -0.43 -0.31	84.63 -0.59 -0.38	85.52 -0.43 -0.57	87.92 -0.35 -1.72	89.82 -0.35 -2.68	116.38 -0.34 -3.03	116.35 -0.35 -1.69	88.18 -0.34 -3.59	87.58 -0.60 -3.07	85.95 -0.67 -2.48	85.97 -0.76 -2.58	84.87 -0.67 -1.81
PUCKETT___SOLAR 323809	84.76 1.94 -1.90	79.57 1.79 -2.91	78.80 1.72 -2.21	78.06 1.72 -1.47	83.03 2.42 0.00	87.59 2.71 -2.68	97.25 3.44 -7.90	119.24 3.63 -11.82	115.27 4.15 -1.76	90.88 2.49 -2.66	89.56 2.32 -1.51	90.12 2.23 -1.89	88.88 2.14 -1.10	88.21 2.03 -1.33	89.76 2.39 -2.00	95.38 2.85 -5.98	99.80 2.98 -9.33	128.31 4.21 -10.41	126.48 4.37 -7.10	100.46 2.89 -12.64	98.82 2.90 -10.82	95.49 2.61 -8.73	95.66 2.44 -9.07	92.71 2.68 -6.30
PYRITES___HYD 24023	80.77 -0.16 0.00	74.94 0.07 0.00	74.79 -0.07 0.00	74.87 0.00 0.00	80.21 -0.40 0.00	80.97 -1.23 0.00	82.99 -2.92 0.00	101.61 -2.18 0.00	106.63 -2.73 0.00	82.22 -3.51 0.00	82.56 -3.17 0.00	82.90 -3.10 0.00	82.73 -2.91 0.00	82.72 -2.12 0.00	82.73 -2.65 0.00	83.26 -3.29 0.00	83.82 -3.67 0.00	108.81 -4.89 0.00	110.06 -4.95 0.00	81.71 -3.23 0.00	82.98 -2.13 0.00	83.05 -1.09 0.00	83.05 -1.09 0.00	83.14 -0.59 0.00
QUAKERRD_115KV_BK1 80622	77.33 -4.29 -0.69	71.81 -4.12 -1.06	71.70 -3.97 -0.81	71.36 -4.04 -0.54	75.78 -4.84 0.00	79.47 -3.70 -0.97	85.35 -3.44 -2.88	103.52 -4.57 -4.30	103.24 -6.12 0.00	82.58 -4.12 -0.97	81.73 -4.54 -0.54	82.21 -4.47 -0.68	81.58 -4.45 -0.40	80.66 -4.67 -0.48	81.49 -4.61 -0.72	84.23 -4.50 -2.18	86.51 -4.37 -3.40	111.84 -5.80 -3.94	111.46 -5.75 -2.20	85.40 -4.08 -4.54	84.49 -4.51 -3.89	82.66 -4.63 -3.14	82.86 -4.54 -3.26	82.00 -4.02 -2.30
QUEENSBRY_115KV_TB8 356137	94.50 6.31 -7.26	91.63 5.61 -11.15	88.95 5.61 -8.47	86.26 5.76 -5.63	86.90 6.29 0.00	98.95 6.49 -10.25	123.73 7.56 -30.26	158.38 9.34 -45.25	137.04 9.84 -17.83	103.28 7.37 -10.17	94.81 6.69 -2.39	98.26 6.45 -5.81	94.73 6.42 -2.67	94.63 6.28 -3.51	98.00 6.66 -5.96	116.36 6.92 -22.88	129.94 7.87 -34.57	159.72 10.91 -35.11	162.07 11.16 -35.90	140.53 7.90 -47.70	133.53 7.57 -40.85	124.33 7.24 -32.95	125.37 6.98 -34.24	113.98 6.61 -23.64
RAMAPO___LBMP 323565	91.41 5.34 -5.14	87.71 4.94 -7.90	85.81 4.94 -6.01	83.80 4.94 -3.99	85.93 5.32 0.00	94.89 5.43 -7.27	113.20 5.84 -21.45	143.34 7.58 -31.98	121.72 8.64 -3.72	99.78 6.86 -7.19	102.72 7.03 -9.96	100.68 7.14 -7.54	98.42 7.11 -5.68	98.22 7.04 -6.33	100.72 7.00 -8.34	109.73 7.01 -16.17	121.82 7.09 -27.24	160.89 9.21 -37.99	143.03 9.32 -18.70	124.94 6.29 -33.72	120.11 6.13 -28.87	113.24 5.81 -23.29	114.07 5.72 -24.20	106.65 5.36 -17.57
RANKINE____ 23646	75.16 -6.72 -0.95	69.89 -6.44 -1.46	69.76 -6.21 -1.11	69.24 -6.36 -0.74	75.13 -5.48 0.00	77.54 -6.00 -1.34	83.77 -6.10 -3.96	100.99 -8.72 -5.93	101.11 -8.97 -0.72	79.69 -7.37 -1.33	78.42 -8.06 -0.75	78.86 -8.08 -0.94	78.05 -8.14 -0.55	77.19 -8.31 -0.66	78.35 -8.03 -1.00	81.50 -8.05 -3.00	84.03 -8.14 -4.68	107.30 -10.80 -4.41	107.14 -10.81 -2.94	83.63 -7.56 -6.25	82.29 -8.17 -5.36	80.22 -8.25 -4.32	81.15 -7.49 -4.49	80.52 -6.36 -3.16
RAVENSWOOD_GT2_1 24244	93.16 6.88 -5.36	89.46 6.36 -8.23	87.56 6.44 -6.25	85.38 6.36 -4.16	87.54 6.93 0.00	96.84 7.07 -7.57	115.72 7.47 -22.33	146.98 9.76 -33.43	124.38 11.15 -3.87	102.16 8.92 -7.52	105.49 9.09 -10.67	103.03 9.03 -7.99	100.69 8.99 -6.05	100.49 8.91 -6.74	103.19 8.96 -8.85	112.46 9.00 -16.91	125.16 9.10 -28.57	165.54 11.71 -40.14	146.29 11.73 -19.55	128.34 8.15 -35.25	123.29 8.00 -30.19	115.99 7.49 -24.35	116.94 7.49 -25.30	109.15 7.03 -18.39

RAVENSWOOD_GT2_2 24245	93.16 6.88 -5.36	89.46 6.36 -8.23	87.56 6.44 -6.25	85.38 6.36 -4.16	87.54 6.93 0.00	96.84 7.07 -7.57	115.72 7.47 -22.33	146.98 9.76 -33.43	124.38 11.15 -3.87	102.16 8.92 -7.52	105.49 9.09 -10.67	103.03 9.03 -7.99	100.69 8.99 -6.05	100.49 8.91 -6.74	103.19 8.96 -8.85	112.46 9.00 -16.91	125.16 9.10 -28.57	165.54 11.71 -40.14	146.29 11.73 -19.55	128.34 8.15 -35.25	123.29 8.00 -30.19	115.99 7.49 -24.35	116.94 7.49 -25.30	109.15 7.03 -18.39
RAVENSWOOD_GT2_3 24246	93.16 6.88 -5.36	89.53 6.44 -8.23	87.56 6.44 -6.25	85.46 6.44 -4.16	87.54 6.93 0.00	96.84 7.07 -7.57	115.80 7.56 -22.33	146.98 9.76 -33.43	124.49 11.26 -3.87	102.25 9.00 -7.52	105.49 9.09 -10.67	103.11 9.12 -7.99	100.77 9.08 -6.05	100.49 8.91 -6.74	103.28 9.05 -8.85	112.55 9.09 -16.91	125.24 9.19 -28.57	165.54 11.71 -40.14	146.40 11.85 -19.55	128.34 8.15 -35.25	123.29 8.00 -30.19	116.07 7.57 -24.35	116.94 7.49 -25.30	109.23 7.12 -18.39
RAVENSWOOD_GT2_4 24247	93.16 6.88 -5.36	89.53 6.44 -8.23	87.56 6.44 -6.25	85.46 6.44 -4.16	87.54 6.93 0.00	96.84 7.07 -7.57	115.80 7.56 -22.33	146.98 9.76 -33.43	124.49 11.26 -3.87	102.25 9.00 -7.52	105.49 9.09 -10.67	103.11 9.12 -7.99	100.77 9.08 -6.05	100.49 8.91 -6.74	103.28 9.05 -8.85	112.55 9.09 -16.91	125.24 9.19 -28.57	165.54 11.71 -40.14	146.40 11.85 -19.55	128.34 8.15 -35.25	123.29 8.00 -30.19	116.07 7.57 -24.35	116.94 7.49 -25.30	109.23 7.12 -18.39
RAVENSWOOD_GT3_1 24248	93.16 6.88 -5.36	89.46 6.36 -8.23	87.56 6.44 -6.25	85.38 6.36 -4.16	87.54 6.93 0.00	96.84 7.07 -7.57	115.72 7.47 -22.33	146.98 9.76 -33.43	124.38 11.15 -3.87	102.16 8.92 -7.52	105.49 9.09 -10.67	103.11 9.12 -7.99	100.69 8.99 -6.05	100.49 8.91 -6.74	103.19 8.96 -8.85	112.46 9.00 -16.91	125.16 9.10 -28.57	165.54 11.71 -40.14	146.40 11.85 -19.55	128.34 8.15 -35.25	123.29 8.00 -30.19	115.99 7.49 -24.35	116.94 7.49 -25.30	109.15 7.03 -18.39
RAVENSWOOD_GT3_2 24249	93.16 6.88 -5.36	89.46 6.36 -8.23	87.56 6.44 -6.25	85.38 6.36 -4.16	87.54 6.93 0.00	96.84 7.07 -7.57	115.72 7.47 -22.33	146.98 9.76 -33.43	124.38 11.15 -3.87	102.16 8.92 -7.52	105.49 9.09 -10.67	103.11 9.12 -7.99	100.69 8.99 -6.05	100.49 8.91 -6.74	103.19 8.96 -8.85	112.46 9.00 -16.91	125.16 9.10 -28.57	165.54 11.71 -40.14	146.40 11.85 -19.55	128.34 8.15 -35.25	123.29 8.00 -30.19	115.99 7.49 -24.35	116.94 7.49 -25.30	109.15 7.03 -18.39
RAVENSWOOD_GT3_3 24250	93.24 6.96 -5.36	89.53 6.44 -8.23	87.63 6.51 -6.25	85.46 6.44 -4.16	87.63 7.01 0.00	96.92 7.15 -7.57	115.89 7.65 -22.33	147.08 9.86 -33.43	124.60 11.37 -3.87	102.34 9.09 -7.52	105.57 9.17 -10.67	103.20 9.20 -7.99	100.86 9.16 -6.05	100.58 8.99 -6.74	103.36 9.14 -8.85	112.63 9.17 -16.91	125.33 9.27 -28.57	165.66 11.82 -40.14	146.52 11.96 -19.55	128.42 8.24 -35.25	123.38 8.09 -30.19	116.16 7.66 -24.35	117.03 7.57 -25.30	109.32 7.20 -18.39
RAVENSWOOD_GT3_4 24251	93.24 6.96 -5.36	89.53 6.44 -8.23	87.63 6.51 -6.25	85.46 6.44 -4.16	87.63 7.01 0.00	96.92 7.15 -7.57	115.89 7.65 -22.33	147.08 9.86 -33.43	124.60 11.37 -3.87	102.34 9.09 -7.52	105.57 9.17 -10.67	103.20 9.20 -7.99	100.86 9.16 -6.05	100.58 8.99 -6.74	103.36 9.14 -8.85	112.63 9.17 -16.91	125.33 9.27 -28.57	165.66 11.82 -40.14	146.52 11.96 -19.55	128.42 8.24 -35.25	123.38 8.09 -30.19	116.16 7.66 -24.35	117.03 7.57 -25.30	109.32 7.20 -18.39
RAVENSWOOD_GT_1 23729	96.24 7.36 -7.95	93.17 6.81 -11.49	91.39 6.81 -9.71	89.68 6.81 -8.00	91.48 7.42 -3.45	99.15 7.48 -9.47	116.24 7.99 -22.34	150.08 10.38 -35.91	129.19 11.81 -8.02	129.94 9.43 -34.78	109.18 9.52 -13.94	109.00 9.55 -13.45	107.09 9.51 -11.94	106.90 9.33 -12.72	108.81 9.48 -13.96	115.10 9.52 -19.03	149.29 9.62 -52.17	188.16 12.28 -62.18	173.24 12.42 -45.82	155.12 8.66 -61.52	150.11 8.51 -56.50	131.51 7.99 -39.37	117.46 7.99 -25.31	111.47 7.53 -20.22
RAVENSWOOD_GT_10 24258	93.11 6.88 -5.30	89.39 6.36 -8.16	87.49 6.44 -6.18	85.31 6.36 -4.08	87.48 6.93 0.07	96.80 7.07 -7.53	115.72 7.47 -22.33	146.98 9.76 -33.43	124.30 11.15 -3.78	100.80 8.92 -6.15	105.33 9.09 -10.51	102.75 9.03 -7.72	100.39 8.99 -5.76	100.19 8.91 -6.44	102.93 8.96 -8.59	112.37 9.00 -16.81	124.99 9.10 -28.40	165.54 11.71 -40.14	146.29 11.73 -19.55	128.34 8.15 -35.25	123.08 8.00 -29.97	115.99 7.49 -24.35	116.94 7.49 -25.30	109.11 7.03 -18.36
RAVENSWOOD_GT_11 24259	93.11 6.88 -5.30	89.39 6.36 -8.16	87.49 6.44 -6.18	85.31 6.36 -4.08	87.48 6.93 0.07	96.80 7.07 -7.53	115.72 7.47 -22.33	146.98 9.76 -33.43	124.30 11.15 -3.78	100.80 8.92 -6.15	105.33 9.09 -10.51	102.75 9.03 -7.72	100.39 8.99 -5.76	100.19 8.91 -6.44	102.93 8.96 -8.59	112.37 9.00 -16.81	124.99 9.10 -28.40	165.54 11.71 -40.14	146.29 11.73 -19.55	128.34 8.15 -35.25	123.08 8.00 -29.97	115.99 7.49 -24.35	116.94 7.49 -25.30	109.11 7.03 -18.36
RAVENSWOOD_GT_4 24252	94.25 6.80 -6.53	90.88 6.29 -9.72	89.07 6.36 -7.84	87.07 6.29 -5.92	89.05 6.85 -1.58	97.63 6.99 -8.45	115.62 7.39 -22.33	148.75 9.65 -35.31	126.15 11.05 -5.75	102.08 8.83 -7.52	105.41 9.00 -10.68	103.03 9.03 -8.00	100.61 8.91 -6.06	100.42 8.82 -6.75	103.11 8.88 -8.85	112.56 8.91 -17.09	140.45 9.01 -43.95	182.22 11.60 -56.93	166.29 11.73 -39.55	148.25 8.07 -55.24	139.98 7.91 -46.95	127.33 7.41 -35.77	116.85 7.41 -25.30	109.89 6.95 -19.22
RAVENSWOOD_GT_5 24254	94.25 6.80 -6.53	90.88 6.29 -9.72	89.07 6.36 -7.84	87.07 6.29 -5.92	89.05 6.85 -1.58	97.63 6.99 -8.45	115.62 7.39 -22.33	148.75 9.65 -35.31	126.15 11.05 -5.75	102.08 8.83 -7.52	105.41 9.00 -10.68	103.03 9.03 -8.00	100.61 8.91 -6.06	100.42 8.82 -6.75	103.11 8.88 -8.85	112.56 8.91 -17.09	140.45 9.01 -43.95	182.22 11.60 -56.93	166.29 11.73 -39.55	148.25 8.07 -55.24	139.98 7.91 -46.95	127.33 7.41 -35.77	116.85 7.41 -25.30	109.89 6.95 -19.22
RAVENSWOOD_GT_6 24253	94.25 6.80 -6.53	90.88 6.29 -9.72	89.07 6.36 -7.84	87.07 6.29 -5.92	89.05 6.85 -1.58	97.63 6.99 -8.45	115.62 7.39 -22.33	148.75 9.65 -35.31	126.15 11.05 -5.75	102.08 8.83 -7.52	105.41 9.00 -10.68	103.03 9.03 -8.00	100.61 8.91 -6.06	100.42 8.82 -6.75	103.11 8.88 -8.85	112.56 8.91 -17.09	140.45 9.01 -43.95	182.22 11.60 -56.93	166.29 11.73 -39.55	148.25 8.07 -55.24	139.98 7.91 -46.95	127.33 7.41 -35.77	116.85 7.41 -25.30	109.89 6.95 -19.22
RAVENSWOOD_GT_7 24255	94.25 6.80 -6.53	90.88 6.29 -9.72	89.07 6.36 -7.84	87.07 6.29 -5.92	89.05 6.85 -1.58	97.63 6.99 -8.45	115.62 7.39 -22.33	148.75 9.65 -35.31	126.15 11.05 -5.75	102.08 8.83 -7.52	105.41 9.00 -10.68	103.03 9.03 -8.00	100.61 8.91 -6.06	100.42 8.82 -6.75	103.11 8.88 -8.85	112.56 8.91 -17.09	140.45 9.01 -43.95	182.22 11.60 -56.93	166.29 11.73 -39.55	148.25 8.07 -55.24	139.98 7.91 -46.95	127.33 7.41 -35.77	116.85 7.41 -25.30	109.89 6.95 -19.22
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	93.11 6.88 -5.30	89.39 6.36 -8.16	87.49 6.44 -6.18	85.31 6.36 -4.08	87.48 6.93 0.07	96.80 7.07 -7.53	115.72 7.47 -22.33	146.98 9.76 -33.43	124.30 11.15 -3.78	100.80 8.92 -6.15	105.33 9.09 -10.51	102.75 9.03 -7.72	100.39 8.99 -5.76	100.19 8.91 -6.44	102.93 8.96 -8.59	112.37 9.00 -16.81	124.99 9.10 -28.40	165.54 11.71 -40.14	146.29 11.73 -19.55	128.34 8.15 -35.25	123.08 8.00 -29.97	115.99 7.49 -24.35	116.94 7.49 -25.30	109.11 7.03 -18.36

RAVENSWOOD_GT_9 24257	93.11 6.88 -5.30	89.39 6.36 -8.16	87.49 6.44 -6.18	85.31 6.36 -4.08	87.48 6.93 0.07	96.80 7.07 -7.53	115.72 7.47 -22.33	146.98 9.76 -33.43	124.30 11.15 -3.78	100.80 8.92 -6.15	105.33 9.09 -10.51	102.75 9.03 -7.72	100.39 8.99 -5.76	100.19 8.91 -6.44	102.93 8.96 -8.59	112.37 9.00 -16.81	124.99 9.10 -28.40	165.54 11.71 -40.14	146.29 11.73 -19.55	128.34 8.15 -35.25	123.08 8.00 -29.97	115.99 7.49 -24.35	116.94 7.49 -25.30	109.11 7.03 -18.36
RAVENSWOOD___1 23533	94.10 7.29 -5.88	90.48 6.74 -8.87	88.61 6.81 -6.94	86.52 6.74 -4.92	88.63 7.33 -0.68	97.62 7.48 -7.94	116.24 7.99 -22.34	147.51 10.28 -33.44	125.77 11.71 -4.70	116.06 9.26 -21.07	107.54 9.51 -12.29	106.25 9.55 -10.71	104.04 9.42 -8.98	103.89 9.33 -9.71	106.15 9.39 -11.38	113.91 9.52 -17.84	127.29 9.54 -30.26	166.11 12.28 -40.13	146.98 12.42 -19.55	130.30 8.49 -36.87	127.24 8.43 -33.70	117.62 8.00 -25.47	118.53 7.91 -26.47	110.03 7.54 -18.76
RAVENSWOOD___2 23534	94.09 7.29 -5.88	90.48 6.74 -8.87	88.61 6.81 -6.93	86.52 6.74 -4.91	88.63 7.33 -0.68	97.62 7.48 -7.94	116.15 7.90 -22.34	147.51 10.28 -33.44	125.77 11.71 -4.70	116.01 9.26 -21.02	107.45 9.43 -12.29	106.16 9.46 -10.70	104.03 9.42 -8.97	103.79 9.25 -9.70	106.14 9.39 -11.38	113.91 9.52 -17.84	127.28 9.54 -30.25	166.00 12.17 -40.13	146.98 12.42 -19.55	130.22 8.41 -36.87	127.23 8.43 -33.69	117.53 7.91 -25.47	118.45 7.83 -26.47	109.93 7.45 -18.76
RAVENSWOOD___3 23535	93.16 6.88 -5.36	89.45 6.36 -8.23	87.56 6.44 -6.25	85.38 6.36 -4.16	87.55 6.93 0.00	96.84 7.07 -7.57	115.80 7.56 -22.33	146.98 9.75 -33.43	124.39 11.16 -3.87	102.08 8.83 -7.52	105.48 9.08 -10.67	103.11 9.11 -7.99	100.68 8.99 -6.05	100.49 8.91 -6.74	103.19 8.96 -8.85	112.54 9.09 -16.91	125.16 9.10 -28.57	165.54 11.71 -40.13	146.41 11.85 -19.55	129.78 7.98 -36.87	124.68 8.00 -31.57	117.10 7.49 -25.47	118.10 7.49 -26.46	109.15 7.03 -18.39
RAVENSWOOD___4 23820	92.06 7.29 -3.84	87.90 6.74 -6.29	85.81 6.74 -4.20	83.48 6.74 -1.88	85.90 7.33 2.05	96.03 7.40 -6.43	116.15 7.90 -22.34	144.98 10.18 -31.01	122.38 11.59 -1.44	102.42 9.18 -7.51	105.82 9.43 -10.66	103.45 9.46 -7.99	101.11 9.42 -6.05	100.83 9.25 -6.73	103.61 9.39 -8.84	112.74 9.52 -16.67	105.70 9.54 -8.67	144.29 12.17 -18.42	121.00 12.31 6.32	104.35 8.41 -11.01	103.42 8.43 -9.89	102.75 7.91 -10.69	118.45 7.83 -26.47	108.50 7.45 -17.33
RCPI_TRUST___DRP 24196	93.16 6.88 -5.35	89.45 6.36 -8.23	87.48 6.36 -6.25	85.38 6.36 -4.15	87.54 6.93 0.00	96.83 7.07 -7.57	115.88 7.65 -22.33	147.08 9.86 -33.43	124.60 11.37 -3.87	102.33 9.09 -7.52	105.66 9.26 -10.67	103.28 9.29 -7.99	100.86 9.16 -6.05	100.66 9.08 -6.74	103.36 9.14 -8.85	112.63 9.17 -16.91	125.33 9.27 -28.56	165.65 11.82 -40.13	146.51 11.96 -19.55	128.42 8.24 -35.24	123.37 8.09 -30.18	116.07 7.57 -24.35	117.02 7.57 -25.30	109.15 7.03 -18.39
RED___ROCHESTER 323720	78.89 -2.75 -0.71	73.18 -2.77 -1.09	73.07 -2.62 -0.83	72.72 -2.69 -0.55	77.23 -3.38 0.00	81.15 -2.05 -1.00	87.23 -1.63 -2.95	105.62 -2.59 -4.42	105.61 -4.27 -0.52	84.07 -2.66 -0.99	83.37 -2.92 -0.55	83.87 -2.84 -0.70	83.22 -2.82 -0.41	82.20 -3.14 -0.49	83.05 -3.07 -0.74	86.10 -2.68 -2.24	88.26 -2.71 -3.49	114.09 -3.64 -4.04	114.10 -3.57 -2.65	86.77 -2.89 -4.73	86.35 -2.81 -4.05	84.39 -3.03 -3.27	84.59 -2.95 -3.39	83.82 -2.26 -2.36
REGAN___SOLAR 323812	95.08 6.39 -7.76	92.40 5.62 -11.92	89.54 5.62 -9.06	86.65 5.77 -6.02	86.98 6.37 0.00	99.90 6.74 -10.96	126.24 7.99 -32.34	161.70 9.54 -48.37	136.51 9.63 -17.52	103.21 6.60 -10.88	93.91 5.57 -2.61	97.56 5.33 -6.23	93.74 5.22 -2.87	93.80 5.18 -3.78	97.41 5.63 -6.40	117.41 6.40 -24.46	132.07 7.61 -36.97	162.29 11.03 -37.57	163.66 11.39 -37.27	143.58 7.90 -50.75	136.31 7.74 -43.46	126.69 7.49 -35.05	127.73 7.15 -36.43	115.74 6.70 -25.32
RENSSELAER___COGEN 23796	91.18 3.24 -7.01	88.63 3.00 -10.77	86.05 3.00 -8.19	83.30 3.00 -5.44	83.92 3.31 0.00	95.48 3.37 -9.91	118.32 3.18 -29.23	150.82 3.32 -43.71	123.57 4.15 -10.05	98.99 3.43 -9.83	91.23 3.43 -2.06	94.95 3.44 -5.51	91.53 3.43 -2.46	91.52 3.40 -3.28	94.00 2.99 -5.64	111.51 2.85 -22.11	123.34 2.54 -33.31	151.14 3.75 -33.70	148.51 3.68 -29.82	133.31 2.64 -45.74	127.08 2.80 -39.17	118.61 2.86 -31.60	120.35 3.37 -32.84	110.14 3.60 -22.82
REPUBLIC_115KV_BARTNBRK 55605	97.41 9.23 -7.25	94.24 8.24 -11.14	91.49 8.16 -8.47	88.80 8.31 -5.63	89.72 9.11 0.00	101.90 9.45 -10.25	127.32 11.17 -30.24	163.02 14.01 -45.22	141.66 14.55 -17.76	106.79 10.89 -10.17	97.90 9.77 -2.40	101.09 9.29 -5.81	97.56 9.25 -2.67	97.52 9.16 -3.51	101.07 9.73 -5.96	119.37 9.95 -22.87	133.59 11.55 -34.55	165.05 16.26 -35.10	167.40 16.56 -35.83	144.15 11.55 -47.67	136.99 11.06 -40.82	127.59 10.52 -32.93	128.55 10.18 -34.22	117.06 9.71 -23.63
REVERE_CPDR_DRP 24186	84.29 3.08 -0.29	78.38 3.07 -0.45	78.05 2.84 -0.34	77.94 2.84 -0.23	84.00 3.39 0.00	86.80 4.19 -0.41	92.02 4.90 -1.21	111.31 5.71 -1.81	115.59 6.23 0.00	90.42 4.29 -0.41	90.13 4.29 -0.11	90.54 4.30 -0.24	89.78 4.03 -0.11	89.06 4.07 -0.15	89.89 4.27 -0.24	92.13 4.67 -0.90	93.58 4.72 -1.37	121.25 6.14 -1.41	122.00 6.10 -0.90	91.40 4.59 -1.88	91.14 4.43 -1.61	89.40 3.95 -1.30	89.20 3.70 -1.35	88.27 3.60 -0.95
REYNOLDS_115KV_TB3 80639	91.94 3.97 -7.04	89.43 3.74 -10.82	86.83 3.74 -8.22	84.07 3.74 -5.46	84.72 4.11 0.00	96.34 4.19 -9.95	119.49 4.21 -29.37	152.59 4.88 -43.92	126.96 5.47 -12.13	99.89 4.29 -9.88	92.41 4.29 -2.39	96.05 4.39 -5.66	92.63 4.37 -2.62	92.53 4.24 -3.44	95.47 4.27 -5.82	113.00 4.24 -22.21	125.27 4.20 -33.58	152.66 4.78 -34.19	150.48 4.83 -30.64	134.77 3.57 -46.27	128.39 3.66 -39.62	119.73 3.62 -31.96	121.32 3.95 -33.21	110.52 3.93 -22.87
RIVERBAY____ 323610	93.98 7.69 -5.36	90.29 7.19 -8.24	88.31 7.19 -6.26	86.22 7.19 -4.16	88.44 7.82 -0.01	97.67 7.89 -7.58	117.10 8.85 -22.34	148.13 10.90 -33.44	125.47 12.25 -3.86	103.03 9.77 -7.53	106.35 9.94 -10.68	103.79 9.80 -7.99	101.45 9.76 -6.05	101.16 9.59 -6.73	103.95 9.73 -8.84	113.25 9.78 -16.92	125.95 9.89 -28.57	166.56 12.73 -40.14	147.44 12.88 -19.55	129.19 9.00 -35.26	124.15 8.85 -30.19	116.92 8.41 -24.36	117.88 8.41 -25.31	109.99 7.87 -18.40
RIVERSIDE_115KV_TB3 55908	91.62 3.64 -7.04	88.98 3.29 -10.82	86.39 3.29 -8.23	83.62 3.29 -5.47	84.32 3.71 0.00	95.93 3.78 -9.95	118.98 3.69 -29.37	151.76 4.05 -43.93	125.48 4.81 -11.31	99.47 3.86 -9.88	91.84 3.94 -2.17	95.53 3.96 -5.57	92.10 3.94 -2.52	92.00 3.82 -3.34	94.68 3.59 -5.71	112.23 3.46 -22.22	124.24 3.24 -33.51	151.97 4.43 -33.84	150.10 4.37 -30.72	134.51 3.23 -46.35	128.12 3.32 -39.70	119.53 3.37 -32.02	121.21 3.79 -33.27	110.49 3.85 -22.92
ROARING___BROOK_WT_PWR 323790	79.47 -1.45 0.00	73.59 -1.27 0.00	73.59 -1.27 0.00	73.74 -1.12 0.00	79.41 -1.21 0.00	80.88 -1.32 0.00	84.37 -1.54 0.00	102.23 -1.55 0.00	107.72 -1.64 0.00	84.45 -1.28 0.00	84.53 -1.20 0.00	84.80 -1.20 0.00	84.36 -1.28 0.00	83.66 -1.19 0.00	84.10 -1.28 0.00	85.08 -1.47 0.00	86.09 -1.40 0.00	111.76 -1.93 0.00	113.05 -1.96 0.00	83.75 -1.19 0.00	83.83 -1.27 0.00	83.05 -1.10 0.00	83.05 -1.10 0.00	82.72 -1.00 0.00

ROCHESRG_115KV_T4 355643	78.07 -3.56 -0.70	72.50 -3.44 -1.08	72.32 -3.37 -0.82	71.97 -3.44 -0.54	76.42 -4.19 0.00	80.23 -2.96 -0.99	86.18 -2.66 -2.93	104.22 -3.94 -4.38	103.67 -5.69 0.00	83.11 -3.60 -0.98	82.25 -4.03 -0.55	82.74 -3.96 -0.69	82.10 -3.94 -0.40	81.09 -4.24 -0.49	82.02 -4.10 -0.74	84.79 -3.98 -2.22	87.01 -3.94 -3.46	112.50 -5.23 -4.03	112.48 -5.18 -2.64	85.99 -3.57 -4.62	85.15 -3.91 -3.96	83.22 -4.12 -3.19	83.60 -3.87 -3.32	82.80 -3.27 -2.34
ROCHESTER_9_IC 23652	78.48 -3.16 -0.71	72.88 -3.07 -1.09	72.77 -2.92 -0.83	72.42 -2.99 -0.55	76.90 -3.71 0.00	80.73 -2.47 -1.00	86.80 -2.06 -2.95	104.99 -3.22 -4.41	104.96 -4.92 -0.52	83.72 -3.00 -0.99	82.85 -3.43 -0.55	83.35 -3.35 -0.70	82.71 -3.34 -0.41	81.69 -3.65 -0.49	82.62 -3.50 -0.74	85.41 -3.38 -2.24	87.74 -3.24 -3.49	113.41 -4.32 -4.04	113.40 -4.26 -2.65	86.71 -2.89 -4.66	85.78 -3.32 -3.99	83.84 -3.53 -3.22	84.13 -3.37 -3.35	83.32 -2.76 -2.36
ROCKVIEW_13_KV_LD 356306	93.00 6.72 -5.36	89.31 6.21 -8.23	87.33 6.21 -6.25	85.23 6.21 -4.15	87.38 6.77 0.00	96.67 6.90 -7.57	115.63 7.39 -22.33	146.77 9.55 -33.43	124.27 11.05 -3.87	101.99 8.74 -7.52	105.32 8.92 -10.67	102.94 8.94 -7.99	100.51 8.82 -6.05	100.32 8.74 -6.74	103.02 8.79 -8.85	112.37 8.91 -16.91	125.15 9.10 -28.56	165.54 11.71 -40.13	146.40 11.85 -19.55	128.34 8.15 -35.25	123.21 7.91 -30.18	115.90 7.41 -24.35	116.77 7.32 -25.30	108.98 6.87 -18.39
ROME____115KV_TB2 80656	84.29 3.08 -0.29	78.38 3.07 -0.45	78.05 2.84 -0.34	77.94 2.84 -0.23	84.00 3.39 0.00	86.80 4.19 -0.41	92.02 4.90 -1.21	111.31 5.71 -1.81	115.59 6.23 0.00	90.42 4.29 -0.41	90.13 4.29 -0.11	90.54 4.30 -0.24	89.78 4.03 -0.11	89.06 4.07 -0.15	89.89 4.27 -0.24	92.13 4.67 -0.90	93.58 4.72 -1.37	121.25 6.14 -1.41	122.00 6.10 -0.90	91.40 4.59 -1.88	91.14 4.43 -1.61	89.40 3.95 -1.30	89.20 3.70 -1.35	88.27 3.60 -0.95
ROSETON___1 23587	91.81 5.58 -5.30	88.17 5.16 -8.14	86.29 5.24 -6.19	84.14 5.16 -4.11	86.25 5.64 0.00	95.44 5.75 -7.49	114.19 6.19 -22.09	144.60 7.79 -33.03	122.16 8.97 -3.83	100.10 6.94 -7.43	103.40 7.20 -10.47	101.09 7.22 -7.87	98.78 7.19 -5.95	98.60 7.13 -6.63	101.26 7.17 -8.70	110.52 7.27 -16.70	123.04 7.35 -28.20	162.78 9.55 -39.53	143.98 9.66 -19.31	127.71 6.37 -36.40	122.67 6.39 -31.18	115.36 6.06 -25.15	116.26 5.98 -26.13	107.50 5.61 -18.17
ROSETON___2 23588	91.81 5.58 -5.30	88.17 5.16 -8.14	86.29 5.24 -6.19	84.14 5.16 -4.11	86.25 5.64 0.00	95.44 5.75 -7.49	114.19 6.19 -22.09	144.60 7.79 -33.03	122.16 8.97 -3.83	100.10 6.94 -7.43	103.40 7.20 -10.47	101.09 7.22 -7.87	98.78 7.19 -5.95	98.60 7.13 -6.63	101.26 7.17 -8.70	110.52 7.27 -16.70	123.04 7.35 -28.20	162.78 9.55 -39.53	143.98 9.66 -19.31	127.71 6.37 -36.40	122.67 6.39 -31.18	115.36 6.06 -25.15	116.26 5.98 -26.13	107.50 5.61 -18.17
ROTRDAM_115KV_TB3 80664	91.58 3.32 -7.33	89.13 2.99 -11.27	86.42 2.99 -8.56	83.55 2.99 -5.69	83.92 3.31 0.00	96.01 3.45 -10.36	120.27 3.78 -30.58	154.08 4.57 -45.73	133.37 4.92 -19.09	99.79 3.77 -10.28	91.52 3.51 -2.28	95.34 3.53 -5.81	91.78 3.51 -2.63	91.81 3.48 -3.48	94.92 3.59 -5.96	113.40 3.72 -23.13	126.41 4.02 -34.89	154.41 5.46 -35.26	157.68 5.52 -37.16	137.14 3.99 -48.21	130.31 3.91 -41.29	121.24 3.79 -33.30	122.46 3.70 -34.61	111.15 3.52 -23.91
RUSSELL___1 23602	78.80 -2.83 -0.71	73.18 -2.77 -1.09	73.07 -2.62 -0.83	72.72 -2.70 -0.55	77.23 -3.39 0.00	81.14 -2.05 -1.00	87.23 -1.63 -2.95	105.61 -2.59 -4.42	105.50 -4.37 -0.52	84.24 -2.49 -0.99	83.37 -2.91 -0.55	83.86 -2.84 -0.70	83.22 -2.83 -0.41	82.20 -3.14 -0.49	83.05 -3.07 -0.74	85.93 -2.86 -2.24	88.27 -2.71 -3.49	114.10 -3.64 -4.04	114.09 -3.57 -2.65	87.22 -2.38 -4.66	86.29 -2.81 -3.99	84.34 -3.03 -3.22	84.63 -2.86 -3.35	83.82 -2.26 -2.36
RUSSELL___2 23532	78.80 -2.83 -0.71	73.18 -2.77 -1.09	73.07 -2.62 -0.83	72.72 -2.70 -0.55	77.23 -3.39 0.00	81.14 -2.05 -1.00	87.23 -1.63 -2.95	105.61 -2.59 -4.42	105.50 -4.37 -0.52	84.24 -2.49 -0.99	83.37 -2.91 -0.55	83.86 -2.84 -0.70	83.22 -2.83 -0.41	82.20 -3.14 -0.49	83.05 -3.07 -0.74	85.93 -2.86 -2.24	88.27 -2.71 -3.49	114.10 -3.64 -4.04	114.09 -3.57 -2.65	87.22 -2.38 -4.66	86.29 -2.81 -3.99	84.34 -3.03 -3.22	84.63 -2.86 -3.35	83.82 -2.26 -2.36
RUSSELL___3 23549	78.80 -2.83 -0.71	73.18 -2.77 -1.09	73.07 -2.62 -0.83	72.72 -2.70 -0.55	77.23 -3.39 0.00	81.14 -2.05 -1.00	87.23 -1.63 -2.95	105.61 -2.59 -4.42	105.50 -4.37 -0.52	84.24 -2.49 -0.99	83.37 -2.91 -0.55	83.86 -2.84 -0.70	83.22 -2.83 -0.41	82.20 -3.14 -0.49	83.05 -3.07 -0.74	85.93 -2.86 -2.24	88.27 -2.71 -3.49	114.10 -3.64 -4.04	114.09 -3.57 -2.65	87.22 -2.38 -4.66	86.29 -2.81 -3.99	84.34 -3.03 -3.22	84.63 -2.86 -3.35	83.82 -2.26 -2.36
RUSSELL___4 23556	78.80 -2.83 -0.71	73.18 -2.77 -1.09	73.07 -2.62 -0.83	72.72 -2.70 -0.55	77.23 -3.39 0.00	81.14 -2.05 -1.00	87.23 -1.63 -2.95	105.61 -2.59 -4.42	105.50 -4.37 -0.52	84.24 -2.49 -0.99	83.37 -2.91 -0.55	83.86 -2.84 -0.70	83.22 -2.83 -0.41	82.20 -3.14 -0.49	83.05 -3.07 -0.74	85.93 -2.86 -2.24	88.27 -2.71 -3.49	114.10 -3.64 -4.04	114.09 -3.57 -2.65	87.22 -2.38 -4.66	86.29 -2.81 -3.99	84.34 -3.03 -3.22	84.63 -2.86 -3.35	83.82 -2.26 -2.36
RUSSELL___STATION 23914	78.80 -2.83 -0.71	73.18 -2.77 -1.09	73.07 -2.62 -0.83	72.72 -2.70 -0.55	77.23 -3.39 0.00	81.14 -2.05 -1.00	87.23 -1.63 -2.95	105.61 -2.59 -4.42	105.50 -4.37 -0.52	84.24 -2.49 -0.99	83.37 -2.91 -0.55	83.86 -2.84 -0.70	83.22 -2.83 -0.41	82.20 -3.14 -0.49	83.05 -3.07 -0.74	85.93 -2.86 -2.24	88.27 -2.71 -3.49	114.10 -3.64 -4.04	114.09 -3.57 -2.65	87.22 -2.38 -4.66	86.29 -2.81 -3.99	84.34 -3.03 -3.22	84.63 -2.86 -3.35	83.82 -2.26 -2.36
S SALMON___HYD 24043	80.03 -1.30 -0.40	74.35 -1.12 -0.61	74.06 -1.27 -0.46	73.75 -1.42 -0.31	79.00 -1.61 0.00	81.69 -1.07 -0.56	86.71 -0.86 -1.66	104.91 -1.45 -2.58	107.72 -1.64 0.00	85.03 -1.28 -0.58	84.69 -1.20 -0.16	85.05 -1.29 -0.34	84.52 -1.28 -0.16	83.70 -1.36 -0.21	84.53 -1.20 -0.35	86.56 -1.30 -1.30	88.16 -1.31 -1.98	114.25 -1.48 -2.04	114.79 -1.50 -1.28	86.42 -1.27 -2.75	86.10 -1.36 -2.36	84.87 -1.18 -1.90	84.77 -1.35 -1.98	83.75 -1.34 -1.37
S.PERRY__115KV_TB1 80734	81.05 -0.89 -1.01	75.29 -1.12 -1.55	75.22 -0.82 -1.18	74.67 -0.97 -0.78	79.89 -0.73 0.00	83.87 0.25 -1.42	91.40 1.29 -4.20	107.78 -2.28 -6.28	106.41 -3.72 -0.77	84.40 -2.74 -1.41	83.01 -3.51 -0.79	83.64 -3.35 -1.00	82.97 -3.25 -0.58	81.98 -3.56 -0.70	83.11 -3.33 -1.06	86.96 -2.77 -3.18	90.44 -2.01 -4.96	116.56 -2.50 -5.36	116.14 -2.42 -3.55	90.20 -1.36 -6.63	91.21 0.43 -5.68	88.90 0.17 -4.58	88.99 0.08 -4.76	87.75 0.67 -3.35
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	74.80 -7.04 -0.91	69.60 -6.66 -1.40	69.42 -6.51 -1.06	68.98 -6.59 -0.71	74.08 -6.53 0.00	77.16 -6.33 -1.29	83.18 -6.53 -3.80	100.13 -9.34 -5.68	99.66 -10.39 -0.69	79.12 -7.89 -1.28	77.96 -8.49 -0.72	78.30 -8.60 -0.90	77.52 -8.65 -0.53	76.74 -8.74 -0.64	77.80 -8.54 -0.96	80.86 -8.57 -2.88	83.23 -8.75 -4.49	106.20 -11.60 -4.10	106.13 -11.62 -2.74	82.86 -8.07 -5.99	81.56 -8.68 -5.13	79.54 -8.75 -4.14	80.46 -7.99 -4.30	79.97 -6.78 -3.03

SAWYER___23_KV_LOAD 55526	74.80 -7.04 -0.91	69.60 -6.66 -1.40	69.42 -6.51 -1.06	68.98 -6.59 -0.71	74.08 -6.53 0.00	77.16 -6.33 -1.29	83.18 -6.53 -3.80	100.13 -9.34 -5.68	99.66 -10.39 -0.69	79.12 -7.89 -1.28	77.96 -8.49 -0.72	78.30 -8.60 -0.90	77.52 -8.65 -0.53	76.74 -8.74 -0.64	77.80 -8.54 -0.96	80.86 -8.57 -2.88	83.23 -8.75 -4.49	106.20 -11.60 -4.10	106.13 -11.62 -2.74	82.86 -8.07 -5.99	81.56 -8.68 -5.13	79.54 -8.75 -4.14	80.46 -7.99 -4.30	79.97 -6.78 -3.03
SELKIRK___I 23801	91.21 3.40 -6.88	88.51 3.07 -10.57	86.04 3.14 -8.03	83.35 3.14 -5.34	84.15 3.54 0.00	95.37 3.45 -9.72	118.04 3.44 -28.69	150.42 3.73 -42.90	121.65 4.15 -8.14	98.63 3.26 -9.65	91.27 3.26 -2.28	94.69 3.18 -5.51	91.34 3.17 -2.53	91.32 3.14 -3.33	94.11 3.07 -5.66	111.28 3.03 -21.70	123.25 2.98 -32.78	151.31 4.21 -33.41	146.91 4.13 -27.77	133.01 3.05 -45.02	126.81 3.15 -38.56	118.45 3.20 -31.10	120.00 3.53 -32.32	109.78 3.60 -22.47
SELKIRK___II 23799	91.05 3.15 -6.97	88.49 2.92 -10.71	85.92 2.92 -8.14	83.19 2.92 -5.41	83.84 3.23 0.00	95.34 3.29 -9.85	118.24 3.26 -29.06	150.88 3.63 -43.46	122.16 4.26 -8.54	98.94 3.43 -9.77	91.09 3.43 -1.93	94.87 3.44 -5.42	91.46 3.43 -2.39	91.44 3.40 -3.20	94.08 3.16 -5.54	111.64 3.11 -21.98	123.46 2.88 -33.08	151.03 4.09 -33.25	147.42 4.02 -28.39	133.35 2.89 -45.52	127.07 2.98 -38.98	118.62 3.02 -31.45	120.20 3.37 -32.68	109.87 3.43 -22.71
SENECA OSWGO___HYD 24041	79.35 -2.02 -0.44	73.59 -1.95 -0.67	73.43 -1.95 -0.51	73.19 -2.02 -0.34	78.44 -2.17 0.00	81.01 -1.81 -0.62	86.19 -1.54 -1.82	104.46 -2.07 -2.75	106.95 -2.41 0.00	84.54 -1.80 -0.62	84.02 -1.89 -0.17	84.47 -1.89 -0.36	83.93 -1.88 -0.17	83.12 -1.95 -0.23	83.88 -1.88 -0.38	86.21 -1.73 -1.39	87.76 -1.84 -2.11	113.71 -2.16 -2.18	114.19 -2.19 -1.37	86.01 -1.87 -2.94	85.75 -1.87 -2.52	84.25 -1.93 -2.03	84.24 -2.02 -2.11	83.18 -2.01 -1.47
SENECA___115KV_TB3 355854	75.24 -6.64 -0.95	70.04 -6.29 -1.46	69.84 -6.14 -1.11	69.39 -6.21 -0.74	75.29 -5.32 0.00	77.71 -5.84 -1.34	83.95 -5.93 -3.96	101.10 -8.61 -5.93	101.33 -8.75 -0.72	79.78 -7.29 -1.33	78.59 -7.89 -0.75	79.03 -7.91 -0.94	78.22 -7.96 -0.55	77.36 -8.15 -0.66	78.52 -7.85 -1.00	81.67 -7.88 -3.00	84.12 -8.05 -4.68	107.53 -10.57 -4.41	107.37 -10.58 -2.94	83.80 -7.39 -6.25	82.38 -8.09 -5.36	80.39 -8.08 -4.32	81.23 -7.41 -4.49	80.61 -6.28 -3.16
SENECA___ENERGY 23797	80.75 -0.97 -0.79	74.96 -1.12 -1.21	74.81 -0.98 -0.92	74.43 -1.05 -0.61	79.89 -0.73 0.00	83.07 -0.25 -1.12	89.46 0.26 -3.29	108.72 0.00 -4.93	109.62 -0.33 -0.59	86.41 -0.43 -1.11	85.66 -0.69 -0.62	86.09 -0.69 -0.78	85.32 -0.77 -0.46	84.38 -1.01 -0.55	85.44 -0.77 -0.83	88.53 -0.52 -2.49	90.86 -0.52 -3.89	117.53 -0.57 -4.40	117.45 -0.46 -2.90	89.61 -0.59 -5.27	88.94 -0.68 -4.51	87.03 -0.76 -3.64	87.09 -0.84 -3.78	85.85 -0.50 -2.63
SHOEMAKER___GT 23640	90.59 4.77 -4.89	86.87 4.49 -7.51	84.99 4.42 -5.71	83.08 4.42 -3.79	85.37 4.75 0.00	94.12 5.01 -6.91	111.63 5.33 -20.39	140.87 6.65 -30.43	120.45 7.54 -3.54	98.41 5.83 -6.84	100.84 5.91 -9.20	98.99 5.93 -7.06	96.82 5.90 -5.28	96.51 5.77 -5.90	99.06 5.89 -7.80	108.00 6.06 -15.39	119.53 6.21 -25.83	157.59 8.19 -35.71	140.98 8.17 -17.80	123.84 5.44 -33.47	119.22 5.45 -28.66	112.40 5.13 -23.12	113.14 4.96 -24.03	105.11 4.69 -16.70
SHOEMAKR_138KV_BK 111 55601	90.48 4.69 -4.86	86.75 4.42 -7.46	84.96 4.42 -5.67	83.05 4.42 -3.77	85.37 4.76 0.00	94.00 4.93 -6.87	111.41 5.24 -20.26	140.67 6.64 -30.24	120.43 7.55 -3.52	98.44 5.92 -6.80	100.84 6.00 -9.11	98.94 5.93 -7.00	96.77 5.91 -5.23	96.54 5.85 -5.84	99.00 5.89 -7.73	107.81 5.97 -15.29	119.35 6.21 -25.65	157.30 8.19 -35.42	140.86 8.17 -17.69	122.33 5.52 -31.88	117.77 5.36 -27.30	111.30 5.13 -22.02	112.00 4.96 -22.88	105.00 4.69 -16.59
SHOREHAM_IC_1 23715	100.27 8.98 -10.36	97.89 8.24 -14.79	90.86 8.24 -7.76	90.44 8.24 -7.34	92.41 9.03 -2.77	103.27 9.12 -11.94	131.18 10.30 -34.96	154.22 13.29 -37.15	129.48 13.34 -6.78	107.35 9.77 -11.85	113.58 10.28 -17.56	110.71 10.32 -14.39	106.33 10.10 -10.59	105.98 9.84 -11.30	110.17 10.24 -14.55	128.66 10.99 -31.11	152.83 11.64 -53.70	184.68 15.92 -55.07	181.42 15.98 -50.43	161.42 10.96 -65.53	153.86 10.64 -58.11	141.09 9.17 -47.77	126.45 9.84 -32.47	121.48 9.37 -28.39
SHOREHAM_IC_2 23716	100.27 8.98 -10.36	97.89 8.24 -14.79	90.86 8.24 -7.76	90.44 8.24 -7.34	92.41 9.03 -2.77	103.27 9.12 -11.94	131.18 10.30 -34.96	154.22 13.29 -37.15	129.48 13.34 -6.78	107.35 9.77 -11.85	113.58 10.28 -17.56	110.71 10.32 -14.39	106.33 10.10 -10.59	105.98 9.84 -11.30	110.17 10.24 -14.55	128.66 10.99 -31.11	152.83 11.64 -53.70	184.68 15.92 -55.07	181.42 15.98 -50.43	161.42 10.96 -65.53	153.86 10.64 -58.11	141.09 9.17 -47.77	126.45 9.84 -32.47	121.48 9.37 -28.39
SISSONVILLE___ 23735	79.23 -1.70 0.00	73.44 -1.42 0.00	73.37 -1.50 0.00	73.37 -1.50 0.00	78.60 -2.02 0.00	79.08 -3.12 0.00	80.58 -5.33 0.00	98.91 -4.88 0.00	103.67 -5.69 0.00	80.16 -5.57 0.00	80.67 -5.06 0.00	81.18 -4.82 0.00	81.02 -4.62 0.00	81.03 -3.82 0.00	81.02 -4.35 0.00	81.27 -5.28 0.00	81.72 -5.77 0.00	106.08 -7.62 0.00	107.30 -7.71 0.00	79.58 -5.35 0.00	80.85 -4.26 0.00	81.37 -2.78 0.00	81.62 -2.52 0.00	81.80 -1.93 0.00
SITHE_IND_GS1 24169	78.26 -2.99 -0.32	72.51 -2.84 -0.49	72.40 -2.84 -0.37	72.27 -2.84 -0.25	77.55 -3.06 0.00	79.77 -2.88 -0.45	84.50 -2.75 -1.34	102.27 -3.53 -2.01	105.43 -3.93 0.00	83.18 -3.00 -0.45	82.85 -3.00 -0.13	83.25 -3.01 -0.27	82.77 -3.00 -0.13	81.96 -3.05 -0.16	82.66 -2.99 -0.27	84.62 -2.94 -1.02	85.97 -3.06 -1.54	111.44 -3.87 -1.62	112.11 -3.91 -1.01	84.11 -2.98 -2.15	83.96 -2.98 -1.84	82.60 -3.03 -1.48	82.66 -3.03 -1.54	81.78 -3.01 -1.07
SITHE_IND_GS2 24170	78.26 -2.99 -0.32	72.51 -2.84 -0.49	72.40 -2.84 -0.37	72.27 -2.84 -0.25	77.55 -3.06 0.00	79.77 -2.88 -0.45	84.50 -2.75 -1.34	102.27 -3.53 -2.01	105.43 -3.93 0.00	83.18 -3.00 -0.45	82.85 -3.00 -0.13	83.25 -3.01 -0.27	82.77 -3.00 -0.13	81.96 -3.05 -0.16	82.66 -2.99 -0.27	84.62 -2.94 -1.02	85.97 -3.06 -1.54	111.44 -3.87 -1.62	112.11 -3.91 -1.01	84.11 -2.98 -2.15	83.96 -2.98 -1.84	82.60 -3.03 -1.48	82.66 -3.03 -1.54	81.78 -3.01 -1.07
SITHE_IND_GS3 24171	78.26 -2.99 -0.32	72.51 -2.84 -0.49	72.40 -2.84 -0.37	72.27 -2.84 -0.25	77.55 -3.06 0.00	79.77 -2.88 -0.45	84.50 -2.75 -1.34	102.27 -3.53 -2.01	105.43 -3.93 0.00	83.18 -3.00 -0.45	82.85 -3.00 -0.13	83.25 -3.01 -0.27	82.77 -3.00 -0.13	81.96 -3.05 -0.16	82.66 -2.99 -0.27	84.62 -2.94 -1.02	85.97 -3.06 -1.54	111.44 -3.87 -1.62	112.11 -3.91 -1.01	84.11 -2.98 -2.15	83.96 -2.98 -1.84	82.60 -3.03 -1.48	82.66 -3.03 -1.54	81.78 -3.01 -1.07
SITHE_IND_GS4 24172	78.26 -2.99 -0.32	72.51 -2.84 -0.49	72.40 -2.84 -0.37	72.27 -2.84 -0.25	77.55 -3.06 0.00	79.77 -2.88 -0.45	84.50 -2.75 -1.34	102.27 -3.53 -2.01	105.43 -3.93 0.00	83.18 -3.00 -0.45	82.85 -3.00 -0.13	83.25 -3.01 -0.27	82.77 -3.00 -0.13	81.96 -3.05 -0.16	82.66 -2.99 -0.27	84.62 -2.94 -1.02	85.97 -3.06 -1.54	111.44 -3.87 -1.62	112.11 -3.91 -1.01	84.11 -2.98 -2.15	83.96 -2.98 -1.84	82.60 -3.03 -1.48	82.66 -3.03 -1.54	81.78 -3.01 -1.07

SITHE___BATAVIA 24024	77.13 -4.61 -0.81	71.54 -4.57 -1.25	71.55 -4.26 -0.95	71.15 -4.34 -0.63	76.02 -4.59 0.00	79.65 -3.70 -1.15	85.95 -3.35 -3.39	103.98 -4.88 -5.07	103.51 -6.45 -0.60	82.07 -4.80 -1.14	81.05 -5.32 -0.64	81.47 -5.33 -0.81	80.80 -5.31 -0.47	79.81 -5.60 -0.57	80.76 -5.47 -0.85	84.09 -5.02 -2.57	86.41 -5.08 -4.00	111.14 -6.60 -4.05	111.02 -6.67 -2.68	85.01 -5.35 -5.42	84.56 -5.19 -4.64	82.51 -5.39 -3.75	83.00 -5.05 -3.89	82.33 -4.10 -2.71
SITHE___INDEPEND 23800	78.26 -2.99 -0.32	72.51 -2.84 -0.49	72.40 -2.84 -0.37	72.27 -2.84 -0.25	77.55 -3.06 0.00	79.78 -2.88 -0.45	84.50 -2.75 -1.34	102.26 -3.53 -2.00	105.53 -3.83 0.00	83.27 -2.91 -0.45	82.86 -3.00 -0.13	83.26 -3.01 -0.26	82.77 -3.00 -0.13	81.96 -3.05 -0.16	82.66 -2.99 -0.27	84.54 -3.03 -1.02	85.97 -3.06 -1.54	111.44 -3.87 -1.62	112.11 -3.91 -1.01	84.16 -2.89 -2.12	83.94 -2.98 -1.81	82.58 -3.03 -1.46	82.64 -3.03 -1.52	81.86 -2.93 -1.07
SITHE___MASSENA 23902	79.80 -1.13 0.00	73.89 -0.98 0.00	73.89 -0.98 0.00	73.89 -0.98 0.00	79.41 -1.21 0.00	80.15 -2.05 0.00	82.56 -3.35 0.00	100.88 -2.91 0.00	105.97 -3.39 0.00	82.47 -3.26 0.00	82.47 -3.26 0.00	82.56 -3.44 0.00	82.47 -3.17 0.00	82.30 -2.54 0.00	82.39 -2.99 0.00	82.66 -3.89 0.00	83.64 -3.85 0.00	108.47 -5.23 0.00	109.72 -5.29 0.00	82.39 -2.55 0.00	82.47 -2.64 0.00	82.22 -1.93 0.00	82.22 -1.93 0.00	82.13 -1.59 0.00
SITHE___OGDNSBRG 24021	80.52 -0.40 0.00	74.72 -0.15 0.00	74.57 -0.30 0.00	74.72 -0.15 0.00	80.29 -0.32 0.00	81.05 -1.15 0.00	83.16 -2.75 0.00	101.82 -1.97 0.00	106.74 -2.62 0.00	82.39 -3.34 0.00	82.82 -2.91 0.00	83.08 -2.92 0.00	82.81 -2.83 0.00	82.81 -2.04 0.00	82.82 -2.56 0.00	83.52 -3.03 0.00	84.17 -3.32 0.00	109.26 -4.43 0.00	110.52 -4.49 0.00	82.05 -2.89 0.00	83.23 -1.87 0.00	83.14 -1.01 0.00	83.14 -1.01 0.00	83.14 -0.59 0.00
SITHE___STERLING 23777	83.86 2.59 -0.34	77.86 2.47 -0.53	77.66 2.40 -0.40	77.53 2.40 -0.27	83.43 2.82 0.00	86.22 3.53 -0.48	91.55 4.21 -1.43	110.69 4.78 -2.12	114.61 5.25 0.00	89.81 3.60 -0.48	89.46 3.60 -0.13	89.89 3.61 -0.28	89.20 3.43 -0.13	88.42 3.40 -0.17	89.25 3.59 -0.29	91.52 3.90 -1.07	92.96 3.85 -1.63	120.37 5.00 -1.68	121.01 4.94 -1.06	90.77 3.57 -2.27	90.54 3.49 -1.94	88.83 3.12 -1.57	88.72 2.94 -1.63	87.78 2.93 -1.13
SLEIGHT__34_KV_TB1 80719	79.61 -2.02 -0.70	73.93 -2.02 -1.08	73.74 -1.95 -0.82	73.39 -2.02 -0.55	78.27 -2.34 0.00	81.88 -1.32 -1.00	88.08 -0.77 -2.94	106.93 -1.25 -4.39	107.47 -2.41 -0.52	85.35 -1.37 -0.99	84.48 -1.80 -0.55	84.98 -1.72 -0.70	84.33 -1.71 -0.41	83.30 -2.04 -0.49	84.24 -1.88 -0.74	87.04 -1.73 -2.23	89.30 -1.66 -3.47	115.77 -1.93 -4.01	115.68 -1.96 -2.63	88.22 -1.36 -4.64	87.29 -1.79 -3.97	85.33 -2.02 -3.21	85.46 -2.02 -3.33	84.48 -1.59 -2.35
SOUTH CAIRO___GT 23612	93.67 6.15 -6.59	90.53 5.54 -10.12	88.03 5.47 -7.70	85.52 5.54 -5.11	87.38 6.77 0.00	98.17 6.66 -9.31	120.00 6.62 -27.48	152.56 7.68 -41.09	125.32 8.09 -7.86	100.37 5.40 -9.24	95.18 5.83 -3.62	97.12 5.25 -5.88	93.95 5.22 -3.09	93.88 5.18 -3.86	96.64 5.12 -6.14	112.00 4.67 -20.78	124.98 5.60 -31.89	157.54 9.66 -34.18	149.60 7.94 -26.66	133.82 5.52 -43.37	127.95 5.70 -37.14	119.49 5.39 -29.96	120.75 5.47 -31.13	111.24 5.86 -21.66
SOUTH HAMPTN___IC 23720	100.61 9.38 -10.29	98.32 8.68 -14.78	91.28 8.68 -7.74	90.86 8.68 -7.32	92.87 9.51 -2.75	103.75 9.61 -11.93	131.76 10.91 -34.94	154.91 14.01 -37.11	130.32 14.21 -6.74	107.98 10.46 -11.79	113.84 10.63 -17.48	111.06 10.75 -14.31	106.62 10.44 -10.54	106.18 10.09 -11.24	110.36 10.50 -14.48	128.93 11.34 -31.05	153.24 12.08 -53.67	185.21 16.48 -55.04	181.98 16.57 -50.40	161.79 11.39 -65.47	154.18 10.98 -58.09	141.48 9.59 -47.74	126.64 10.09 -32.40	121.96 9.87 -28.36
SOUTHDOW_115KV_TB1 355954	76.53 -5.42 -1.02	71.27 -5.17 -1.57	71.12 -4.94 -1.19	70.64 -5.02 -0.79	77.71 -2.90 0.00	79.62 -4.03 -1.44	86.57 -3.61 -4.26	104.56 -5.60 -6.37	105.66 -4.48 -0.78	82.53 -4.63 -1.43	81.22 -5.32 -0.81	80.65 -6.36 -1.01	79.64 -6.59 -0.59	78.77 -6.79 -0.71	80.82 -5.63 -1.08	84.06 -5.71 -3.23	86.84 -5.69 -5.03	111.29 -7.28 -4.88	111.01 -7.25 -3.25	86.65 -5.01 -6.73	85.08 -5.79 -5.76	82.90 -5.89 -4.65	83.59 -5.39 -4.83	82.60 -4.52 -3.40
SOUTHOLD_69_KV_BK 2 55809	100.78 9.55 -10.30	98.40 8.76 -14.78	91.36 8.76 -7.74	91.02 8.83 -7.32	93.03 9.67 -2.75	103.91 9.78 -11.93	132.28 11.43 -34.94	155.64 14.74 -37.11	130.65 14.55 -6.75	108.33 10.80 -11.79	113.67 10.46 -17.48	110.98 10.66 -14.31	106.45 10.28 -10.54	106.02 9.93 -11.25	110.28 10.42 -14.49	128.77 11.16 -31.05	153.23 12.07 -53.67	185.56 16.83 -55.04	182.20 16.79 -50.40	160.43 11.64 -63.86	152.88 11.06 -56.71	140.70 9.93 -46.62	125.15 9.76 -31.24	122.13 10.05 -28.36
SOUTHOLD___IC 23719	100.77 9.55 -10.30	98.40 8.76 -14.78	91.36 8.76 -7.74	91.01 8.83 -7.32	93.03 9.67 -2.75	103.91 9.78 -11.93	132.11 11.25 -34.94	155.43 14.53 -37.11	130.77 14.66 -6.75	108.24 10.72 -11.79	113.58 10.37 -17.48	110.98 10.66 -14.31	106.45 10.27 -10.54	106.01 9.92 -11.25	110.28 10.41 -14.49	128.85 11.25 -31.05	153.24 12.08 -53.67	185.56 16.82 -55.04	182.21 16.79 -50.41	161.87 11.46 -65.47	154.26 11.06 -58.09	141.48 9.59 -47.74	126.47 9.92 -32.40	122.13 10.04 -28.36
SOUTH_FORK_WT_PWR 323839	99.97 8.74 -10.30	97.73 8.09 -14.78	90.69 8.09 -7.74	90.27 8.09 -7.32	92.23 8.87 -2.75	103.09 8.96 -11.93	131.24 10.39 -34.94	154.49 13.59 -37.11	129.77 13.67 -6.75	107.38 9.85 -11.79	112.56 9.35 -17.48	109.94 9.63 -14.31	105.51 9.34 -10.54	105.08 8.99 -11.25	109.34 9.48 -14.49	127.72 10.12 -31.05	152.10 10.94 -53.67	184.08 15.34 -55.04	180.71 15.30 -50.40	160.77 10.36 -65.47	153.07 9.87 -58.09	140.38 8.50 -47.74	125.38 8.83 -32.40	121.29 9.21 -28.36
SPIERFLS_115KV_TB 1 80737	94.02 5.83 -7.26	91.26 5.24 -11.15	88.58 5.24 -8.48	85.81 5.32 -5.63	86.42 5.80 0.00	98.46 6.00 -10.26	123.14 6.96 -30.27	157.67 8.61 -45.27	136.33 9.08 -17.90	102.68 6.77 -10.18	94.29 6.17 -2.39	97.74 5.93 -5.81	94.21 5.91 -2.66	94.12 5.77 -3.51	97.49 6.15 -5.96	115.85 6.40 -22.90	129.34 7.26 -34.59	158.93 10.12 -35.12	161.21 10.24 -35.97	139.88 7.22 -47.72	132.96 6.98 -40.87	123.76 6.65 -32.97	124.89 6.48 -34.26	113.49 6.11 -23.66
ST LAWRENCE____ 23600	79.23 -1.70 0.00	73.37 -1.50 0.00	73.37 -1.50 0.00	73.44 -1.42 0.00	78.92 -1.70 0.00	79.98 -2.22 0.00	82.99 -2.92 0.00	100.68 -3.11 0.00	105.75 -3.61 0.00	82.90 -2.83 0.00	82.90 -2.83 0.00	83.16 -2.84 0.00	82.90 -2.74 0.00	82.30 -2.54 0.00	82.64 -2.74 0.00	83.52 -3.03 0.00	84.51 -2.97 0.00	109.71 -3.98 0.00	110.98 -4.03 0.00	82.47 -2.47 0.00	82.64 -2.47 0.00	82.05 -2.10 0.00	82.05 -2.10 0.00	81.80 -1.92 0.00
STATE_CA_115KV_115_LB 55624	91.66 3.64 -7.09	89.13 3.37 -10.90	86.52 3.37 -8.28	83.74 3.37 -5.50	84.32 3.71 0.00	96.00 3.78 -10.02	119.26 3.78 -29.57	152.17 4.15 -44.23	127.02 5.03 -12.63	99.70 4.03 -9.94	91.95 4.03 -2.19	95.66 4.04 -5.62	92.21 4.03 -2.54	92.11 3.90 -3.36	94.81 3.67 -5.76	112.47 3.55 -22.37	124.47 3.24 -33.74	152.22 4.43 -34.09	151.15 4.49 -31.65	134.80 3.23 -46.64	128.37 3.32 -39.94	119.73 3.37 -32.22	121.42 3.79 -33.48	110.74 3.93 -23.08

STATE_ST_34_KV_LOAD 55959	82.04 0.32 -0.78	76.22 0.15 -1.20	76.00 0.22 -0.91	75.62 0.15 -0.61	81.02 0.40 0.00	84.21 0.90 -1.11	90.72 1.55 -3.27	110.54 1.87 -4.88	111.70 1.75 -0.59	88.11 1.29 -1.10	87.37 1.03 -0.61	87.81 1.03 -0.77	87.12 1.03 -0.45	86.24 0.85 -0.55	87.22 1.02 -0.82	90.15 1.13 -2.47	92.49 1.14 -3.86	119.88 1.82 -4.37	119.84 1.96 -2.88	91.54 1.44 -5.16	90.55 1.02 -4.42	88.64 0.93 -3.56	88.61 0.76 -3.70	87.17 0.84 -2.61
STATION 5_MISC_HYD 23604	78.48 -3.16 -0.71	72.88 -3.07 -1.09	72.77 -2.92 -0.83	72.42 -3.00 -0.55	76.91 -3.71 0.00	80.74 -2.46 -1.00	86.72 -2.14 -2.95	104.99 -3.22 -4.42	104.85 -5.03 -0.52	83.64 -3.08 -0.99	82.85 -3.43 -0.55	83.35 -3.36 -0.70	82.71 -3.34 -0.41	81.69 -3.65 -0.49	82.62 -3.50 -0.74	85.59 -3.20 -2.24	87.74 -3.24 -3.49	113.41 -4.32 -4.04	113.41 -4.25 -2.65	86.18 -3.49 -4.73	85.84 -3.32 -4.05	83.88 -3.53 -3.27	84.17 -3.37 -3.39	83.32 -2.76 -2.36
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	80.12 -1.54 -0.72	74.41 -1.57 -1.11	74.29 -1.42 -0.85	73.93 -1.50 -0.56	78.92 -1.69 0.00	82.56 -0.66 -1.02	88.76 -0.17 -3.02	107.88 -0.42 -4.51	108.36 -1.53 -0.53	85.89 -0.86 -1.01	85.01 -1.29 -0.57	85.51 -1.20 -0.72	84.86 -1.20 -0.42	83.82 -1.53 -0.50	84.77 -1.37 -0.76	87.62 -1.21 -2.29	90.09 -0.96 -3.57	116.53 -1.25 -4.09	116.54 -1.15 -2.68	88.94 -0.76 -4.77	88.00 -1.19 -4.08	86.09 -1.35 -3.29	86.22 -1.35 -3.42	85.21 -0.92 -2.41
STA_56_34_KV_BUS2_REV_LBMP_B 345033	78.23 -3.40 -0.70	72.65 -3.29 -1.08	72.54 -3.14 -0.82	72.19 -3.22 -0.55	76.66 -3.95 0.00	80.48 -2.71 -0.99	86.44 -2.41 -2.93	104.75 -3.42 -4.39	104.84 -5.03 -0.51	83.54 -3.17 -0.99	82.68 -3.60 -0.55	83.17 -3.53 -0.70	82.53 -3.51 -0.41	81.52 -3.82 -0.49	82.44 -3.67 -0.74	85.22 -3.55 -2.22	87.54 -3.41 -3.47	113.15 -4.55 -4.00	113.15 -4.49 -2.63	86.43 -3.14 -4.63	85.59 -3.49 -3.97	83.65 -3.70 -3.20	83.86 -3.62 -3.33	83.05 -3.01 -2.34
STA_56___34_KV_BUS2 355983	78.23 -3.40 -0.70	72.65 -3.29 -1.08	72.54 -3.14 -0.82	72.19 -3.22 -0.55	76.66 -3.95 0.00	80.48 -2.71 -0.99	86.44 -2.41 -2.93	104.75 -3.42 -4.39	104.84 -5.03 -0.51	83.54 -3.17 -0.99	82.68 -3.60 -0.55	83.17 -3.53 -0.70	82.53 -3.51 -0.41	81.52 -3.82 -0.49	82.44 -3.67 -0.74	85.22 -3.55 -2.22	87.54 -3.41 -3.47	113.15 -4.55 -4.00	113.15 -4.49 -2.63	86.43 -3.14 -4.63	85.59 -3.49 -3.97	83.65 -3.70 -3.20	83.86 -3.62 -3.33	83.05 -3.01 -2.34
STA_67___115KV_BK2 355882	78.32 -3.32 -0.71	72.73 -3.22 -1.09	72.62 -3.07 -0.83	72.27 -3.14 -0.55	76.74 -3.87 0.00	80.57 -2.63 -1.00	86.54 -2.32 -2.95	104.67 -3.53 -4.41	104.74 -5.14 -0.52	83.46 -3.26 -0.99	82.60 -3.69 -0.55	83.09 -3.61 -0.70	82.45 -3.60 -0.41	81.52 -3.82 -0.49	82.36 -3.76 -0.74	85.15 -3.64 -2.23	87.47 -3.50 -3.48	113.07 -4.66 -4.04	113.06 -4.60 -2.65	86.45 -3.14 -4.66	85.52 -3.57 -3.99	83.58 -3.79 -3.22	83.96 -3.53 -3.34	83.15 -2.93 -2.36
STA_7___115KV_9TRANS 80674	78.80 -2.83 -0.71	73.18 -2.77 -1.09	73.07 -2.62 -0.83	72.72 -2.70 -0.55	77.23 -3.39 0.00	81.14 -2.05 -1.00	87.23 -1.63 -2.95	105.61 -2.59 -4.42	105.50 -4.37 -0.52	84.24 -2.49 -0.99	83.37 -2.91 -0.55	83.86 -2.84 -0.70	83.22 -2.83 -0.41	82.20 -3.14 -0.49	83.05 -3.07 -0.74	85.93 -2.86 -2.24	88.27 -2.71 -3.49	114.10 -3.64 -4.04	114.09 -3.57 -2.65	87.22 -2.38 -4.66	86.29 -2.81 -3.99	84.34 -3.03 -3.22	84.63 -2.86 -3.35	83.82 -2.26 -2.36
STA_82___115KV_TB1 80780	78.32 -3.32 -0.71	72.74 -3.22 -1.09	72.63 -3.07 -0.83	72.27 -3.14 -0.55	76.74 -3.87 0.00	80.57 -2.63 -1.01	86.65 -2.23 -2.97	104.80 -3.42 -4.44	104.74 -5.14 -0.52	83.56 -3.17 -1.00	82.69 -3.60 -0.56	83.09 -3.61 -0.70	82.54 -3.51 -0.41	81.52 -3.82 -0.50	82.45 -3.67 -0.75	85.25 -3.55 -2.25	87.50 -3.50 -3.51	113.19 -4.55 -4.04	113.06 -4.60 -2.65	86.48 -3.14 -4.69	85.63 -3.49 -4.01	83.68 -3.70 -3.24	83.98 -3.53 -3.37	83.16 -2.93 -2.37
STEEL___WIND 323596	75.16 -6.72 -0.95	69.96 -6.36 -1.46	69.76 -6.21 -1.11	69.31 -6.29 -0.74	75.21 -5.40 0.00	77.62 -5.92 -1.34	83.86 -6.02 -3.96	101.00 -8.72 -5.93	101.44 -8.64 -0.72	79.52 -7.54 -1.33	78.51 -7.97 -0.75	78.86 -8.09 -0.94	78.05 -8.14 -0.55	77.28 -8.23 -0.66	78.35 -8.03 -1.00	81.85 -7.70 -3.00	84.04 -8.13 -4.68	107.30 -10.80 -4.41	107.14 -10.82 -2.94	82.96 -8.32 -6.34	82.37 -8.17 -5.43	80.37 -8.16 -4.38	81.21 -7.49 -4.55	80.52 -6.37 -3.16
STEPHTWN_115KV_BK_2 55603	92.31 4.37 -7.01	89.53 3.89 -10.77	86.94 3.89 -8.19	84.27 3.97 -5.44	85.05 4.43 0.00	96.62 4.52 -9.91	119.78 4.64 -29.23	152.69 5.19 -43.71	125.43 6.01 -10.05	100.36 4.80 -9.83	92.51 4.72 -2.06	96.15 4.64 -5.51	92.64 4.54 -2.46	92.62 4.50 -3.28	95.20 4.18 -5.64	112.72 4.07 -22.11	124.83 4.02 -33.31	153.13 5.91 -33.52	150.58 5.75 -29.82	135.31 4.25 -46.13	128.87 4.26 -39.51	120.31 4.29 -31.87	121.98 4.71 -33.12	111.32 4.77 -22.82
STEUBEN_REC_LFGE 323667	78.40 -3.80 -1.28	73.01 -3.82 -1.96	72.91 -3.44 -1.49	72.19 -3.67 -0.99	78.11 -2.50 0.00	81.46 -2.55 -1.81	89.35 -1.89 -5.33	108.64 -3.11 -7.97	107.29 -3.06 -0.99	84.26 -3.26 -1.79	82.80 -3.94 -1.01	83.05 -4.21 -1.27	82.18 -4.20 -0.74	81.33 -4.41 -0.89	82.45 -4.27 -1.35	86.69 -3.89 -4.03	90.90 -2.89 -6.29	117.25 -3.18 -6.74	116.61 -2.88 -4.47	91.47 -1.87 -8.41	90.18 -2.13 -7.20	88.10 -1.85 -5.81	88.33 -1.85 -6.03	86.80 -1.17 -4.25
STILLWATER___SOLAR 323814	93.49 5.34 -7.22	90.83 4.86 -11.10	88.16 4.86 -8.43	85.33 4.86 -5.60	86.01 5.40 0.00	97.91 5.51 -10.21	122.22 6.19 -30.12	156.31 7.48 -45.04	134.54 7.88 -17.30	101.77 5.91 -10.13	93.66 5.49 -2.44	97.14 5.33 -5.80	93.63 5.31 -2.68	93.63 5.26 -3.52	96.89 5.55 -5.97	115.13 5.80 -22.78	128.31 6.38 -34.43	157.33 8.64 -35.00	159.11 8.74 -35.37	138.29 6.20 -47.16	131.63 6.13 -40.39	122.61 5.89 -32.58	123.81 5.80 -33.86	112.78 5.52 -23.53
STONY___BROOK 24151	100.94 9.55 -10.47	98.51 8.83 -14.82	91.49 8.83 -7.80	91.06 8.83 -7.37	93.08 9.67 -2.80	104.02 9.86 -11.96	131.81 10.91 -34.99	154.91 13.91 -37.21	131.08 14.87 -6.85	108.81 11.14 -11.94	114.68 11.23 -17.72	111.88 11.35 -14.53	107.46 11.13 -10.69	107.11 10.86 -11.40	111.24 11.18 -14.68	129.63 11.86 -31.23	153.66 12.42 -53.75	185.41 16.60 -55.12	182.15 16.67 -50.47	162.01 11.46 -65.62	154.48 11.23 -58.14	142.40 10.43 -47.82	127.34 10.60 -32.58	122.19 10.04 -28.43
STURGEON_POOL_HYD 23609	95.24 8.82 -5.49	91.46 8.16 -8.44	89.36 8.09 -6.41	87.29 8.16 -4.26	89.16 8.54 0.00	99.41 9.45 -7.76	118.87 10.05 -22.90	150.69 12.66 -34.24	128.03 13.89 -4.78	103.72 10.29 -7.70	103.85 9.86 -8.26	102.54 9.46 -7.08	99.95 9.33 -4.98	99.75 9.25 -5.66	102.59 9.48 -7.73	113.99 10.13 -17.32	127.04 11.20 -28.35	165.32 14.78 -36.85	149.28 13.57 -20.70	130.19 9.09 -36.17	125.10 9.02 -30.97	117.63 8.50 -24.98	118.19 8.08 -25.96	110.05 7.70 -18.62
ST_LAW_115_BK7_LBMP 345037	79.15 -1.78 0.00	73.29 -1.58 0.00	73.29 -1.58 0.00	73.37 -1.50 0.00	78.84 -1.77 0.00	79.73 -2.46 0.00	82.65 -3.26 0.00	100.37 -3.42 0.00	105.43 -3.93 0.00	82.56 -3.17 0.00	82.56 -3.17 0.00	82.82 -3.18 0.00	82.56 -3.08 0.00	82.05 -2.80 0.00	82.31 -3.07 0.00	83.09 -3.46 0.00	84.08 -3.41 0.00	109.03 -4.67 0.00	110.40 -4.60 0.00	82.21 -2.72 0.00	82.38 -2.73 0.00	81.88 -2.27 0.00	81.79 -2.36 0.00	81.63 -2.09 0.00

ST_LAW_115_BK8_LBMP 345038	79.15 -1.78 0.00	73.29 -1.58 0.00	73.29 -1.58 0.00	73.37 -1.50 0.00	78.84 -1.77 0.00	79.73 -2.46 0.00	82.65 -3.26 0.00	100.37 -3.42 0.00	105.43 -3.93 0.00	82.56 -3.17 0.00	82.56 -3.17 0.00	82.82 -3.18 0.00	82.56 -3.08 0.00	82.05 -2.80 0.00	82.31 -3.07 0.00	83.09 -3.46 0.00	84.08 -3.41 0.00	109.03 -4.67 0.00	110.40 -4.60 0.00	82.21 -2.72 0.00	82.38 -2.73 0.00	81.88 -2.27 0.00	81.79 -2.36 0.00	81.63 -2.09 0.00
ST_LAW_230_BK5_LBMP 345035	79.23 -1.70 0.00	73.37 -1.50 0.00	73.37 -1.50 0.00	73.44 -1.42 0.00	78.92 -1.70 0.00	79.98 -2.22 0.00	82.99 -2.92 0.00	100.68 -3.11 0.00	105.75 -3.61 0.00	82.90 -2.83 0.00	82.90 -2.83 0.00	83.16 -2.84 0.00	82.90 -2.74 0.00	82.30 -2.54 0.00	82.64 -2.74 0.00	83.52 -3.03 0.00	84.51 -2.97 0.00	109.71 -3.98 0.00	110.98 -4.03 0.00	82.47 -2.47 0.00	82.64 -2.47 0.00	82.05 -2.10 0.00	82.05 -2.10 0.00	81.80 -1.92 0.00
ST_LAW_230_BK6_LBMP 345036	79.23 -1.70 0.00	73.37 -1.50 0.00	73.37 -1.50 0.00	73.44 -1.42 0.00	78.92 -1.70 0.00	79.98 -2.22 0.00	82.99 -2.92 0.00	100.68 -3.11 0.00	105.75 -3.61 0.00	82.90 -2.83 0.00	82.90 -2.83 0.00	83.16 -2.84 0.00	82.90 -2.74 0.00	82.30 -2.54 0.00	82.64 -2.74 0.00	83.52 -3.03 0.00	84.51 -2.97 0.00	109.71 -3.98 0.00	110.98 -4.03 0.00	82.47 -2.47 0.00	82.64 -2.47 0.00	82.05 -2.10 0.00	82.05 -2.10 0.00	81.80 -1.92 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	91.11 5.18 -5.00	87.41 4.87 -7.68	85.49 4.79 -5.84	83.53 4.79 -3.88	85.77 5.16 0.00	94.60 5.34 -7.06	112.51 5.76 -20.84	142.25 7.37 -31.09	121.40 8.42 -3.62	99.24 6.52 -6.99	101.93 6.69 -9.51	99.89 6.62 -7.26	97.76 6.68 -5.44	97.45 6.53 -6.08	99.97 6.57 -8.02	108.94 6.66 -15.73	120.74 6.82 -26.43	159.34 8.98 -36.67	142.17 8.97 -18.19	123.75 6.03 -32.78	119.14 5.96 -28.08	112.43 5.64 -22.65	113.15 5.47 -23.54	105.90 5.11 -17.07
SWANROAD_115KV_TB1 355699	73.23 -8.58 -0.88	67.98 -8.24 -1.35	67.95 -7.94 -1.03	67.46 -8.09 -0.68	72.07 -8.54 0.00	75.30 -8.14 -1.24	81.15 -8.42 -3.66	97.53 -11.73 -5.47	96.68 -13.34 -0.66	77.02 -9.94 -1.23	75.96 -10.46 -0.69	76.38 -10.49 -0.87	75.70 -10.45 -0.51	74.85 -10.61 -0.61	75.88 -10.42 -0.92	78.68 -10.65 -2.77	80.96 -10.85 -4.32	103.28 -14.44 -4.03	103.32 -14.38 -2.68	80.61 -10.11 -5.78	79.33 -10.72 -4.95	77.37 -10.77 -3.99	78.37 -9.93 -4.15	77.94 -8.71 -2.92
SYNERGY___BIOGAS 323694	77.13 -4.61 -0.81	71.54 -4.57 -1.25	71.55 -4.26 -0.95	71.15 -4.34 -0.63	76.02 -4.59 0.00	79.65 -3.70 -1.15	85.95 -3.35 -3.39	103.98 -4.88 -5.07	103.51 -6.45 -0.60	82.07 -4.80 -1.14	81.05 -5.32 -0.64	81.47 -5.33 -0.81	80.80 -5.31 -0.47	79.81 -5.60 -0.57	80.76 -5.47 -0.85	84.09 -5.02 -2.57	86.41 -5.08 -4.00	111.14 -6.60 -4.05	111.02 -6.67 -2.68	85.01 -5.35 -5.42	84.56 -5.19 -4.64	82.51 -5.39 -3.75	83.00 -5.05 -3.89	82.33 -4.10 -2.71
SYRACUSE___ENERGY_ST1 323597	81.48 -0.08 -0.63	75.61 -0.22 -0.97	75.38 -0.22 -0.74	75.13 -0.22 -0.49	80.45 -0.16 0.00	83.34 0.25 -0.90	89.16 0.60 -2.64	108.36 0.62 -3.95	109.80 0.44 0.00	87.05 0.43 -0.89	86.40 0.17 -0.49	86.80 0.17 -0.63	86.26 0.26 -0.36	85.29 0.00 -0.44	86.21 0.17 -0.67	88.81 0.26 -2.01	90.97 0.35 -3.13	117.80 0.57 -3.53	117.66 0.69 -1.97	89.54 0.42 -4.18	88.86 0.17 -3.58	87.12 0.08 -2.89	87.15 0.00 -3.00	85.92 0.08 -2.11
SYRACUSE___ENERGY_ST2 323598	81.48 -0.08 -0.63	75.61 -0.22 -0.97	75.38 -0.22 -0.74	75.13 -0.22 -0.49	80.45 -0.16 0.00	83.34 0.25 -0.90	89.16 0.60 -2.64	108.36 0.62 -3.95	109.80 0.44 0.00	87.05 0.43 -0.89	86.40 0.17 -0.49	86.80 0.17 -0.63	86.26 0.26 -0.36	85.29 0.00 -0.44	86.21 0.17 -0.67	88.81 0.26 -2.01	90.97 0.35 -3.13	117.80 0.57 -3.53	117.66 0.69 -1.97	89.54 0.42 -4.18	88.86 0.17 -3.58	87.12 0.08 -2.89	87.15 0.00 -3.00	85.92 0.08 -2.11
SYRACUSE___POWER 24017	81.17 -0.40 -0.64	75.41 -0.45 -0.99	75.17 -0.45 -0.75	74.84 -0.52 -0.50	80.21 -0.40 0.00	83.11 0.00 -0.91	88.94 0.34 -2.69	108.12 0.31 -4.02	109.58 0.22 0.00	86.81 0.17 -0.90	86.23 0.00 -0.50	86.64 0.00 -0.64	86.01 0.00 -0.37	85.12 -0.17 -0.45	86.05 0.00 -0.68	88.68 0.09 -2.04	90.84 0.17 -3.18	117.63 0.34 -3.59	117.47 0.46 -2.00	89.44 0.25 -4.25	88.75 0.00 -3.64	86.92 -0.17 -2.94	86.95 -0.25 -3.05	85.70 -0.17 -2.15
TALLMAN___138KV_BK151 55660	91.56 5.50 -5.13	87.84 5.09 -7.88	85.87 5.02 -5.99	83.86 5.02 -3.98	86.01 5.40 0.00	95.04 5.59 -7.25	113.32 6.01 -21.40	143.48 7.78 -31.90	122.04 8.97 -3.71	99.93 7.03 -7.17	102.93 7.29 -9.92	100.83 7.31 -7.52	98.66 7.37 -5.66	98.37 7.21 -6.31	100.86 7.17 -8.31	109.96 7.27 -16.14	122.01 7.35 -27.17	161.12 9.55 -37.87	143.21 9.55 -18.66	125.03 6.46 -33.64	120.21 6.30 -28.81	113.36 5.97 -23.24	114.19 5.89 -24.15	106.69 5.44 -17.53
TEALLAVE_115KV_TB7 355573	80.57 -0.89 -0.54	74.79 -0.90 -0.82	74.59 -0.90 -0.63	74.31 -0.97 -0.42	79.64 -0.97 0.00	82.38 -0.58 -0.76	87.97 -0.17 -2.23	106.71 -0.42 -3.34	108.81 -0.55 0.00	86.14 -0.34 -0.75	85.63 -0.51 -0.42	86.01 -0.52 -0.53	85.43 -0.51 -0.31	84.54 -0.68 -0.37	85.43 -0.51 -0.56	87.81 -0.43 -1.69	89.69 -0.44 -2.64	116.22 -0.45 -2.98	116.21 -0.46 -1.66	88.04 -0.42 -3.53	87.45 -0.68 -3.03	85.83 -0.76 -2.44	85.84 -0.84 -2.54	84.76 -0.75 -1.79
TELGRAPH_34_KV_EAST 80808	75.45 -6.31 -0.84	70.01 -6.14 -1.29	70.00 -5.84 -0.98	69.53 -5.99 -0.65	74.32 -6.29 0.00	77.79 -5.59 -1.18	83.90 -5.50 -3.49	101.12 -7.89 -5.22	100.58 -9.41 -0.63	80.04 -6.86 -1.17	78.93 -7.46 -0.66	79.35 -7.48 -0.83	78.67 -7.45 -0.48	77.71 -7.72 -0.58	78.74 -7.51 -0.88	81.66 -7.53 -2.64	84.09 -7.52 -4.12	107.74 -10.01 -4.05	107.69 -10.01 -2.68	83.48 -6.96 -5.51	82.25 -7.57 -4.72	80.21 -7.74 -3.80	80.95 -7.15 -3.95	80.48 -6.03 -2.79
TEMPLE___115KV_TB 2 55572	80.66 -0.81 -0.54	74.80 -0.90 -0.84	74.68 -0.82 -0.64	74.39 -0.90 -0.42	79.73 -0.89 0.00	82.47 -0.49 -0.77	88.09 -0.09 -2.27	106.87 -0.31 -3.39	108.92 -0.44 0.00	86.24 -0.26 -0.76	85.72 -0.43 -0.42	86.11 -0.43 -0.54	85.52 -0.43 -0.31	84.63 -0.59 -0.38	85.52 -0.43 -0.57	87.92 -0.35 -1.72	89.82 -0.35 -2.68	116.38 -0.34 -3.03	116.35 -0.35 -1.69	88.18 -0.34 -3.59	87.58 -0.60 -3.07	85.95 -0.67 -2.48	85.97 -0.76 -2.58	84.87 -0.67 -1.81
TIANA____69_KV_BK 1 55817	100.61 9.39 -10.30	98.33 8.68 -14.78	91.29 8.68 -7.74	90.87 8.68 -7.32	92.87 9.51 -2.75	103.75 9.62 -11.93	131.94 11.08 -34.94	155.02 14.12 -37.11	130.10 14.00 -6.75	107.98 10.46 -11.79	113.93 10.72 -17.48	111.06 10.75 -14.31	106.71 10.53 -10.54	106.27 10.18 -11.25	110.45 10.59 -14.49	128.94 11.34 -31.05	153.32 12.16 -53.67	185.34 16.60 -55.04	182.09 16.68 -50.40	160.43 11.64 -63.86	152.96 11.15 -56.71	140.87 10.10 -46.62	125.40 10.01 -31.24	121.96 9.88 -28.36
TILDEN___115KV_TB1 80814	81.17 -0.40 -0.64	75.41 -0.45 -0.99	75.17 -0.45 -0.75	74.84 -0.52 -0.50	80.21 -0.40 0.00	83.11 0.00 -0.91	88.94 0.34 -2.69	108.12 0.31 -4.02	109.58 0.22 0.00	86.81 0.17 -0.90	86.23 0.00 -0.50	86.64 0.00 -0.64	86.01 0.00 -0.37	85.12 -0.17 -0.45	86.05 0.00 -0.68	88.68 0.09 -2.04	90.84 0.17 -3.18	117.63 0.34 -3.59	117.47 0.46 -2.00	89.44 0.25 -4.25	88.75 0.00 -3.64	86.92 -0.17 -2.94	86.95 -0.25 -3.05	85.70 -0.17 -2.15

TRIGEN___CC 323695	130.56 8.09 -41.54	103.68 7.49 -21.33	99.39 7.56 -16.97	98.26 7.49 -15.91	99.76 8.14 -11.01	106.81 8.30 -16.30	138.83 9.02 -43.90	169.02 11.42 -53.81	147.02 12.69 -24.97	134.60 10.03 -38.84	156.28 10.03 -60.52	150.31 10.06 -54.25	134.55 10.02 -38.89	134.43 9.84 -39.74	145.41 9.90 -50.13	160.00 10.13 -63.32	166.46 10.32 -68.64	196.03 13.19 -69.15	191.77 13.34 -63.42	185.14 9.26 -90.95	160.48 9.11 -66.27	154.26 8.67 -61.45	157.39 8.67 -64.58	132.85 8.29 -40.84
TRINITY___115KV___4 BK 55933	91.44 3.48 -7.03	88.81 3.14 -10.80	86.22 3.14 -8.21	83.46 3.14 -5.45	84.16 3.55 0.00	95.75 3.62 -9.93	118.74 3.52 -29.30	151.35 3.74 -43.82	124.49 4.59 -10.54	99.27 3.69 -9.85	91.58 3.77 -2.08	95.22 3.70 -5.53	91.80 3.68 -2.47	91.78 3.65 -3.29	94.37 3.33 -5.66	111.92 3.20 -22.16	123.78 2.89 -33.40	151.30 3.98 -33.63	149.15 4.03 -30.11	134.15 2.97 -46.24	127.77 3.06 -39.60	119.20 3.11 -31.94	120.88 3.53 -33.19	110.28 3.68 -22.88
UNION___PROCESSING_DRP 323587	78.41 -3.24 -0.71	72.74 -3.22 -1.10	72.63 -3.07 -0.83	72.27 -3.14 -0.55	76.74 -3.87 0.00	80.66 -2.55 -1.01	86.65 -2.23 -2.97	104.91 -3.32 -4.44	104.74 -5.14 -0.52	83.56 -3.17 -1.00	82.69 -3.60 -0.56	83.18 -3.53 -0.70	82.54 -3.51 -0.41	81.52 -3.82 -0.50	82.45 -3.67 -0.75	85.25 -3.55 -2.25	87.59 -3.41 -3.51	113.19 -4.55 -4.04	113.17 -4.49 -2.65	86.57 -3.06 -4.69	85.64 -3.49 -4.02	83.69 -3.70 -3.24	84.07 -3.45 -3.37	83.25 -2.85 -2.37
UPPER HUDSON___HYD 24058	94.02 5.83 -7.26	91.26 5.24 -11.15	88.58 5.24 -8.48	85.81 5.32 -5.63	86.42 5.81 0.00	98.46 6.00 -10.26	123.14 6.96 -30.27	157.67 8.61 -45.27	136.33 9.07 -17.90	102.68 6.77 -10.18	94.29 6.18 -2.39	97.74 5.93 -5.81	94.21 5.90 -2.66	94.13 5.77 -3.51	97.49 6.15 -5.96	115.85 6.40 -22.90	129.33 7.26 -34.59	158.89 10.12 -35.08	161.33 10.36 -35.97	139.56 7.22 -47.41	132.69 6.98 -40.60	123.55 6.65 -32.75	124.66 6.48 -34.04	113.49 6.11 -23.66
UPPER RAQUET___HYD 24056	79.15 -1.78 0.00	73.44 -1.42 0.00	73.29 -1.58 0.00	73.37 -1.50 0.00	78.60 -2.01 0.00	79.08 -3.12 0.00	80.58 -5.33 0.00	98.91 -4.88 0.00	103.79 -5.57 0.00	80.50 -5.23 0.00	80.67 -5.06 0.00	81.19 -4.81 0.00	81.01 -4.63 0.00	81.03 -3.82 0.00	81.03 -4.35 0.00	80.83 -5.72 0.00	81.71 -5.78 0.00	106.08 -7.62 0.00	107.30 -7.70 0.00	80.78 -4.16 0.00	80.85 -4.25 0.00	81.37 -2.77 0.00	81.63 -2.52 0.00	81.80 -1.92 0.00
VALLEY44_115KV_TB2 355964	74.87 -7.12 -1.06	69.76 -6.74 -1.63	69.52 -6.59 -1.24	68.95 -6.74 -0.83	77.55 -3.06 0.00	77.21 -6.49 -1.50	83.82 -6.53 -4.44	101.18 -9.24 -6.63	103.61 -6.56 -0.81	79.42 -7.80 -1.49	78.34 -8.23 -0.84	78.71 -8.34 -1.05	77.86 -8.39 -0.62	77.10 -8.48 -0.74	78.30 -8.20 -1.12	81.68 -8.22 -3.36	84.42 -8.31 -5.24	108.27 -10.57 -5.15	107.62 -10.81 -3.42	84.12 -7.81 -7.00	82.68 -8.43 -5.99	80.57 -8.41 -4.83	81.35 -7.83 -5.02	80.65 -6.61 -3.54
VALLEY___115KV_TB 1-4 80826	82.79 1.86 0.00	76.59 1.72 0.00	76.44 1.57 0.00	76.44 1.57 0.00	82.30 1.69 0.00	84.25 2.05 0.00	88.32 2.41 0.00	106.49 2.70 0.00	112.53 3.17 0.00	88.22 2.49 0.00	88.30 2.57 0.00	88.75 2.75 0.00	88.29 2.65 0.00	87.39 2.55 0.00	87.94 2.56 0.00	89.15 2.60 0.00	90.20 2.71 0.00	117.22 3.52 0.00	118.69 3.68 0.00	87.82 2.89 0.00	88.00 2.89 0.00	87.18 3.03 0.00	87.26 3.11 0.00	86.82 3.10 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	88.96 5.58 -2.45	84.09 5.47 -3.76	82.97 5.24 -2.86	82.01 5.24 -1.90	86.58 5.97 0.00	92.24 6.58 -3.46	103.42 7.30 -10.21	127.46 8.41 -15.26	122.18 9.30 -3.53	95.85 6.69 -3.43	94.30 6.60 -1.97	94.98 6.54 -2.44	93.32 6.25 -1.43	92.85 6.28 -1.72	94.37 6.40 -2.59	101.02 6.75 -7.72	106.46 6.91 -12.06	136.51 9.21 -13.61	134.53 9.32 -10.21	107.91 6.88 -16.09	105.61 6.72 -13.78	101.49 6.23 -11.12	101.68 5.97 -11.55	97.72 5.86 -8.14
VISCHER___FERRY HYD 24020	92.74 4.69 -7.12	90.06 4.27 -10.93	87.44 4.27 -8.31	84.65 4.27 -5.52	85.37 4.75 0.00	97.10 4.85 -10.06	120.83 5.24 -29.68	154.40 6.23 -44.38	131.30 6.67 -15.27	100.77 5.06 -9.98	93.27 4.97 -2.57	96.77 4.99 -5.79	93.32 4.97 -2.72	93.22 4.83 -3.55	96.37 5.04 -5.96	114.19 5.19 -22.45	126.90 5.43 -33.98	155.33 6.94 -34.70	155.44 7.02 -33.41	136.45 5.10 -46.42	129.88 5.02 -39.76	121.10 4.88 -32.07	122.44 4.96 -33.33	111.57 4.69 -23.16
V_A_10_SYNC_DSASP 323832	75.89 -5.83 -0.79	70.54 -5.54 -1.21	70.47 -5.31 -0.92	70.02 -5.46 -0.61	74.09 -6.53 0.00	78.14 -5.18 -1.11	83.96 -5.24 -3.29	101.14 -7.57 -4.93	100.00 -9.95 -0.59	80.15 -6.69 -1.11	79.32 -7.03 -0.62	79.73 -7.05 -0.78	79.07 -7.02 -0.45	78.18 -7.21 -0.55	79.12 -7.09 -0.83	82.20 -6.84 -2.49	84.20 -7.17 -3.88	109.03 -9.55 -4.89	108.55 -9.66 -3.20	82.81 -7.39 -5.27	82.47 -7.15 -4.51	80.55 -7.24 -3.64	81.19 -6.73 -3.78	80.65 -5.70 -2.63
V_CMM_10_SYNC_DSASP 323787	79.55 -1.38 0.00	73.66 -1.20 0.00	73.66 -1.20 0.00	73.74 -1.12 0.00	79.24 -1.37 0.00	80.06 -2.14 0.00	82.99 -2.92 0.00	100.88 -2.91 0.00	105.86 -3.50 0.00	82.90 -2.83 0.00	82.90 -2.83 0.00	83.16 -2.84 0.00	82.90 -2.74 0.00	82.38 -2.46 0.00	82.64 -2.74 0.00	83.44 -3.11 0.00	84.51 -2.97 0.00	109.61 -4.09 0.00	110.87 -4.14 0.00	82.65 -2.29 0.00	82.81 -2.29 0.00	82.30 -1.85 0.00	82.22 -1.93 0.00	82.05 -1.67 0.00
V_CMP_10_SYNC_DSASP 323788	80.69 -0.24 0.00	74.72 -0.15 0.00	74.72 -0.15 0.00	74.79 -0.07 0.00	80.45 -0.16 0.00	81.30 -0.90 0.00	83.85 -2.06 0.00	101.60 -2.18 0.00	105.53 -3.83 0.00	83.76 -1.97 0.00	83.67 -2.06 0.00	84.11 -1.89 0.00	83.67 -1.97 0.00	83.15 -1.70 0.00	83.42 -1.96 0.00	84.47 -2.08 0.00	85.74 -1.75 0.00	111.08 -2.61 0.00	112.37 -2.64 0.00	83.75 -1.19 0.00	84.09 -1.02 0.00	83.39 -0.76 0.00	83.39 -0.76 0.00	83.81 0.08 0.00
V_D_10_SYNC_DSASP 323841	79.80 -1.13 0.00	73.89 -0.98 0.00	73.89 -0.98 0.00	73.97 -0.90 0.00	79.41 -1.21 0.00	80.15 -2.05 0.00	82.56 -3.35 0.00	100.88 -2.91 0.00	105.97 -3.39 0.00	82.47 -3.26 0.00	82.47 -3.26 0.00	82.65 -3.36 0.00	82.47 -3.17 0.00	82.30 -2.54 0.00	82.39 -2.99 0.00	82.74 -3.81 0.00	83.73 -3.76 0.00	108.58 -5.11 0.00	109.84 -5.17 0.00	82.39 -2.55 0.00	82.47 -2.64 0.00	82.30 -1.85 0.00	82.22 -1.93 0.00	82.22 -1.50 0.00
V_E_10_SYNC_DSASP 323830	89.18 6.48 -1.77	83.95 6.36 -2.73	82.85 5.91 -2.07	82.23 5.99 -1.38	87.78 7.17 0.00	93.33 8.63 -2.51	103.44 10.13 -7.40	126.47 11.62 -11.06	123.71 12.46 -1.89	96.37 8.15 -2.49	95.12 7.97 -1.42	95.67 7.91 -1.77	94.04 7.37 -1.03	93.73 7.64 -1.24	95.19 7.94 -1.87	101.06 8.92 -5.59	105.68 9.45 -8.73	136.56 13.07 -9.80	135.44 13.56 -6.86	106.61 9.85 -11.83	104.93 9.70 -10.13	101.15 8.83 -8.17	100.97 8.33 -8.49	98.00 8.37 -5.90
V_F_30_NSYNC___DSASP 323816	93.59 5.42 -7.24	90.85 4.86 -11.12	88.18 4.86 -8.45	85.42 4.94 -5.62	86.01 5.40 0.00	98.02 5.59 -10.23	122.29 6.19 -30.19	156.51 7.57 -45.15	134.91 7.98 -17.57	101.88 6.00 -10.15	93.72 5.57 -2.42	97.23 5.42 -5.81	93.71 5.40 -2.67	93.71 5.35 -3.52	96.98 5.63 -5.96	115.27 5.89 -22.83	128.47 6.47 -34.50	157.48 8.76 -35.03	159.50 8.86 -35.64	138.49 6.29 -47.27	131.80 6.21 -40.48	122.78 5.98 -32.66	123.97 5.89 -33.94	112.92 5.61 -23.59

V_F_30_SYNC_DSASP 323786	91.66 3.64 -7.09	89.12 3.37 -10.89	86.51 3.37 -8.28	83.73 3.37 -5.50	84.32 3.71 0.00	95.99 3.78 -10.01	119.24 3.78 -29.55	152.13 4.15 -44.19	126.86 5.03 -12.47	99.70 4.03 -9.94	91.95 4.03 -2.19	95.65 4.04 -5.61	92.20 4.03 -2.54	92.11 3.90 -3.36	94.80 3.67 -5.75	112.45 3.55 -22.35	124.44 3.24 -33.72	152.18 4.43 -34.06	151.02 4.49 -31.53	134.77 3.23 -46.61	128.34 3.32 -39.91	119.71 3.37 -32.20	121.39 3.79 -33.46	110.72 3.93 -23.06
V_XM_10_SYNC_DSASP 323789	80.69 -0.24 0.00	74.72 -0.15 0.00	74.72 -0.15 0.00	74.79 -0.07 0.00	80.45 -0.16 0.00	81.30 -0.90 0.00	83.85 -2.06 0.00	101.60 -2.18 0.00	105.53 -3.83 0.00	83.76 -1.97 0.00	83.67 -2.06 0.00	84.11 -1.89 0.00	83.67 -1.97 0.00	83.15 -1.70 0.00	83.42 -1.96 0.00	84.47 -2.08 0.00	85.74 -1.75 0.00	111.08 -2.61 0.00	112.37 -2.64 0.00	83.75 -1.19 0.00	84.09 -1.02 0.00	83.39 -0.76 0.00	83.39 -0.76 0.00	83.81 0.08 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	91.76 5.67 -5.16	88.11 5.32 -7.93	86.13 5.24 -6.03	84.11 5.24 -4.01	86.17 5.56 0.00	95.25 5.75 -7.30	113.62 6.19 -21.53	143.86 7.99 -32.08	122.28 9.19 -3.73	100.15 7.20 -7.21	103.19 7.46 -10.01	101.06 7.48 -7.57	98.88 7.54 -5.70	98.58 7.38 -6.36	101.18 7.43 -8.37	110.22 7.44 -16.22	122.34 7.52 -27.33	161.61 9.78 -38.14	143.66 9.89 -18.76	125.38 6.62 -33.82	120.63 6.55 -28.96	113.74 6.23 -23.36	114.49 6.06 -24.28	107.05 5.69 -17.63
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	93.16 6.88 -5.35	89.45 6.36 -8.23	87.48 6.36 -6.25	85.38 6.36 -4.15	87.54 6.93 0.00	96.83 7.07 -7.57	115.88 7.65 -22.33	147.08 9.86 -33.43	124.60 11.37 -3.87	102.33 9.09 -7.52	105.66 9.26 -10.67	103.28 9.29 -7.99	100.86 9.16 -6.05	100.66 9.08 -6.74	103.36 9.14 -8.85	112.63 9.17 -16.91	125.33 9.27 -28.56	165.65 11.82 -40.13	146.51 11.96 -19.55	128.42 8.24 -35.24	123.37 8.09 -30.18	116.07 7.57 -24.35	117.02 7.57 -25.30	109.15 7.03 -18.39
W50THST__13_KV_LOAD 356117	93.49 7.20 -5.35	89.75 6.66 -8.23	87.86 6.74 -6.25	85.68 6.66 -4.15	87.87 7.26 0.00	97.25 7.48 -7.57	116.49 8.25 -22.33	147.80 10.59 -33.43	125.37 12.14 -3.87	103.11 9.86 -7.52	106.26 9.86 -10.67	103.97 9.98 -7.99	101.54 9.85 -6.05	101.26 9.67 -6.74	104.04 9.82 -8.85	113.24 9.78 -16.91	125.94 9.89 -28.56	166.44 12.62 -40.13	147.20 12.65 -19.55	128.93 8.75 -35.24	123.88 8.60 -30.18	116.49 7.99 -24.35	117.53 8.08 -25.30	109.56 7.45 -18.39
WADING RIVER_IC_1 23522	100.03 8.82 -10.28	97.80 8.16 -14.78	90.76 8.16 -7.74	90.34 8.16 -7.31	92.30 8.95 -2.74	103.17 9.04 -11.93	131.07 10.22 -34.94	153.97 13.08 -37.11	129.11 13.01 -6.74	107.11 9.60 -11.78	113.30 10.11 -17.46	110.52 10.23 -14.29	106.18 10.02 -10.52	105.75 9.67 -11.23	109.92 10.07 -14.47	128.40 10.82 -31.03	152.70 11.55 -53.66	184.53 15.80 -55.03	181.28 15.88 -50.40	161.27 10.87 -65.46	153.75 10.55 -58.09	140.89 9.01 -47.73	126.21 9.67 -32.38	121.37 9.29 -28.36
WADING RIVER_IC_2 23547	100.03 8.82 -10.28	97.80 8.16 -14.78	90.76 8.16 -7.74	90.34 8.16 -7.31	92.30 8.95 -2.74	103.17 9.04 -11.93	131.07 10.22 -34.94	153.97 13.08 -37.11	129.11 13.01 -6.74	107.11 9.60 -11.78	113.30 10.11 -17.46	110.52 10.23 -14.29	106.18 10.02 -10.52	105.75 9.67 -11.23	109.92 10.07 -14.47	128.40 10.82 -31.03	152.70 11.55 -53.66	184.53 15.80 -55.03	181.28 15.88 -50.40	161.27 10.87 -65.46	153.75 10.55 -58.09	140.89 9.01 -47.73	126.21 9.67 -32.38	121.37 9.29 -28.36
WADING RIVER_IC_3 23601	100.03 8.82 -10.28	97.80 8.16 -14.78	90.76 8.16 -7.74	90.34 8.16 -7.31	92.30 8.95 -2.74	103.17 9.04 -11.93	131.07 10.22 -34.94	153.97 13.08 -37.11	129.11 13.01 -6.74	107.11 9.60 -11.78	113.30 10.11 -17.46	110.52 10.23 -14.29	106.18 10.02 -10.52	105.75 9.67 -11.23	109.92 10.07 -14.47	128.40 10.82 -31.03	152.70 11.55 -53.66	184.53 15.80 -55.03	181.28 15.88 -50.40	161.27 10.87 -65.46	153.75 10.55 -58.09	140.89 9.01 -47.73	126.21 9.67 -32.38	121.37 9.29 -28.36
WALDENNY_12_KV_BK2 80841	75.24 -6.64 -0.94	69.95 -6.36 -1.45	69.83 -6.14 -1.10	69.31 -6.29 -0.73	75.05 -5.56 0.00	77.61 -5.92 -1.33	83.83 -6.01 -3.93	100.95 -8.72 -5.88	101.00 -9.08 -0.71	79.76 -7.29 -1.32	78.59 -7.89 -0.74	78.94 -8.00 -0.93	78.13 -8.05 -0.54	77.36 -8.15 -0.66	78.43 -7.94 -0.99	81.56 -7.96 -2.98	84.00 -8.14 -4.64	107.37 -10.69 -4.37	107.22 -10.70 -2.91	83.66 -7.47 -6.20	82.25 -8.17 -5.31	80.27 -8.16 -4.29	81.11 -7.49 -4.45	80.50 -6.36 -3.14
WALDEN__HYDRO 24148	92.25 6.15 -5.17	88.50 5.69 -7.95	86.60 5.69 -6.04	84.57 5.69 -4.01	86.66 6.05 0.00	95.92 6.41 -7.31	114.35 6.87 -21.57	144.73 8.72 -32.23	123.04 9.84 -3.84	100.52 7.54 -7.25	103.01 7.54 -9.73	100.87 7.40 -7.48	98.59 7.37 -5.58	98.30 7.21 -6.24	100.97 7.34 -8.25	110.38 7.53 -16.30	122.80 7.96 -27.35	161.96 10.46 -37.81	144.41 10.47 -18.93	125.97 7.05 -33.99	121.11 6.89 -29.11	114.19 6.56 -23.48	114.86 6.31 -24.40	107.44 6.03 -17.69
WARRENSBURG____ 23737	94.02 5.83 -7.26	91.26 5.24 -11.15	88.58 5.24 -8.48	85.81 5.32 -5.63	86.42 5.81 0.00	98.46 6.00 -10.26	123.14 6.96 -30.27	157.67 8.61 -45.27	136.33 9.07 -17.90	102.68 6.77 -10.18	94.29 6.18 -2.39	97.74 5.93 -5.81	94.21 5.90 -2.66	94.13 5.77 -3.51	97.49 6.15 -5.96	115.85 6.40 -22.90	129.33 7.26 -34.59	158.89 10.12 -35.08	161.33 10.36 -35.97	139.56 7.22 -47.41	132.69 6.98 -40.60	123.55 6.65 -32.75	124.66 6.48 -34.04	113.49 6.11 -23.66
WATERSIDE____6 8 9 23538	92.05 7.28 -3.84	87.90 6.74 -6.29	85.81 6.74 -4.20	83.48 6.74 -1.88	85.90 7.34 2.05	96.03 7.40 -6.43	116.15 7.90 -22.34	144.97 10.17 -31.01	122.50 11.70 -1.44	102.50 9.26 -7.51	105.82 9.43 -10.66	103.45 9.46 -7.99	101.11 9.42 -6.05	100.83 9.25 -6.73	103.61 9.39 -8.84	112.65 9.43 -16.67	105.70 9.54 -8.67	144.29 12.17 -18.43	121.00 12.31 6.32	102.90 8.58 -9.39	102.03 8.43 -8.50	101.63 7.91 -9.58	117.28 7.83 -25.31	108.51 7.45 -17.33
WATKINRD_115KV_LN8_ILLION 55919	82.71 1.78 0.00	76.59 1.72 0.00	76.51 1.65 0.00	76.44 1.57 0.00	82.39 1.77 0.00	84.25 2.05 0.00	88.23 2.32 0.00	106.38 2.59 0.00	112.31 2.95 0.00	88.04 2.31 0.00	88.04 2.31 0.00	88.41 2.41 0.00	87.95 2.31 0.00	87.14 2.29 0.00	87.68 2.31 0.00	88.89 2.34 0.00	89.94 2.45 0.00	116.99 3.30 0.00	118.34 3.34 0.00	87.48 2.55 0.00	87.58 2.47 0.00	86.59 2.44 0.00	86.67 2.52 0.00	86.23 2.51 0.00
WATSON__69_KV_BK 1 55734	103.10 10.20 -11.97	99.50 9.43 -15.21	92.58 9.43 -8.28	92.13 9.43 -7.84	94.18 10.32 -3.25	104.94 10.52 -12.22	133.15 11.77 -35.47	156.75 14.95 -38.01	132.72 15.64 -7.72	110.98 12.00 -13.24	117.44 11.92 -19.79	114.41 11.95 -16.45	109.52 11.82 -12.06	109.16 11.54 -12.77	113.64 11.87 -16.40	132.01 12.64 -32.82	155.19 13.12 -54.58	187.06 17.51 -55.86	183.95 17.71 -51.23	162.75 12.40 -65.42	154.44 12.00 -57.33	142.93 11.28 -47.51	128.29 11.11 -33.03	123.51 10.72 -29.07
WDELAWARE__HYD 323627	92.29 6.48 -4.89	88.37 5.99 -7.51	86.49 5.91 -5.71	84.57 5.91 -3.79	86.90 6.29 0.00	96.09 6.98 -6.91	113.76 7.47 -20.38	143.59 9.34 -30.46	123.45 10.28 -3.81	99.95 7.37 -6.85	101.21 7.20 -8.27	99.47 6.79 -6.68	97.26 6.76 -4.85	96.93 6.62 -5.47	99.55 6.83 -7.34	109.40 7.44 -15.40	121.25 8.22 -25.53	158.98 11.03 -34.26	143.86 10.81 -18.05	125.42 7.14 -33.35	120.90 7.23 -28.56	113.92 6.73 -23.04	114.40 6.31 -23.94	106.39 6.03 -16.64

WEST BABYLON___IC 23714	106.56 9.87 -15.76	100.06 9.13 -16.06	93.39 9.13 -9.39	92.89 9.13 -8.89	94.78 9.92 -4.25	105.10 10.11 -12.79	133.87 11.25 -36.70	158.06 14.22 -40.05	134.50 15.20 -9.93	114.00 11.75 -16.52	122.40 11.66 -25.01	118.99 11.70 -21.30	112.70 11.56 -15.50	112.44 11.37 -16.23	117.71 11.61 -20.72	135.69 12.29 -36.85	156.77 12.60 -56.68	188.14 16.71 -57.73	185.09 16.91 -53.18	165.75 11.81 -69.01	155.41 11.49 -58.81	144.56 10.86 -49.56	131.92 10.69 -37.08	124.70 10.30 -30.68
WEST CANADA___HYD 24049	81.66 0.73 0.00	75.54 0.67 0.00	75.54 0.67 0.00	75.54 0.67 0.00	81.34 0.72 0.00	83.10 0.91 0.00	86.95 1.03 0.00	104.93 1.14 0.00	110.68 1.32 0.00	86.67 0.94 0.00	86.76 1.03 0.00	87.04 1.04 0.00	86.67 1.03 0.00	85.78 0.94 0.00	86.41 1.03 0.00	87.59 1.04 0.00	88.54 1.05 0.00	115.06 1.37 0.00	116.39 1.39 0.00	85.87 0.94 0.00	86.05 0.94 0.00	84.99 0.84 0.00	85.08 0.93 0.00	84.56 0.84 0.00
WESTERN_NY_WIND 24143	76.98 -4.77 -0.82	71.41 -4.72 -1.26	71.41 -4.42 -0.96	70.94 -4.57 -0.64	75.86 -4.76 0.00	79.50 -3.86 -1.16	85.82 -3.52 -3.43	103.72 -5.19 -5.12	103.19 -6.78 -0.61	82.00 -4.89 -1.15	80.80 -5.57 -0.65	81.22 -5.59 -0.81	80.55 -5.57 -0.47	79.56 -5.85 -0.57	80.61 -5.63 -0.86	83.61 -5.54 -2.60	86.20 -5.34 -4.05	110.69 -7.05 -4.05	110.67 -7.02 -2.68	85.50 -4.84 -5.41	84.29 -5.45 -4.63	82.25 -5.64 -3.74	82.73 -5.30 -3.88	82.19 -4.27 -2.74
WESTOVER___LESR 323668	82.93 0.16 -1.84	77.76 0.07 -2.82	77.16 0.15 -2.15	76.37 0.07 -1.43	81.42 0.81 0.00	85.45 0.66 -2.60	94.61 1.03 -7.67	116.08 0.83 -11.46	112.09 1.20 -1.52	88.82 0.51 -2.58	87.54 0.34 -1.46	88.17 0.34 -1.83	87.05 0.34 -1.07	86.30 0.17 -1.29	87.66 0.34 -1.94	92.87 0.52 -5.80	97.07 0.52 -9.05	124.67 0.91 -10.06	122.66 0.92 -6.73	97.62 0.59 -12.09	95.80 0.34 -10.35	92.75 0.25 -8.35	93.08 0.25 -8.68	90.34 0.50 -6.12
WETHRSFD_WT_PWR 323626	76.26 -5.74 -1.08	71.06 -5.46 -1.65	71.03 -5.09 -1.26	70.46 -5.24 -0.83	76.10 -4.51 0.00	79.04 -4.68 -1.52	85.84 -4.56 -4.49	103.76 -6.74 -6.71	103.18 -7.00 -0.82	81.07 -6.17 -1.51	79.98 -6.60 -0.85	80.36 -6.71 -1.07	79.50 -6.77 -0.62	78.64 -6.96 -0.75	79.85 -6.66 -1.13	83.63 -6.31 -3.39	86.40 -6.38 -5.30	110.68 -8.29 -5.28	110.24 -8.28 -3.52	85.65 -6.46 -7.18	85.04 -6.21 -6.15	82.88 -6.23 -4.96	83.50 -5.81 -5.15	82.45 -4.86 -3.58
WHAVSTOR_138KV_BK127 55557	91.44 5.34 -5.17	87.82 5.02 -7.94	85.84 4.94 -6.04	83.82 4.94 -4.01	85.93 5.32 0.00	94.93 5.43 -7.30	113.30 5.84 -21.55	143.48 7.58 -32.12	121.85 8.75 -3.74	99.81 6.86 -7.22	102.87 7.12 -10.02	100.81 7.22 -7.58	98.63 7.28 -5.71	98.34 7.13 -6.37	100.85 7.09 -8.39	109.89 7.10 -16.24	122.03 7.17 -27.36	161.21 9.32 -38.19	143.11 9.32 -18.78	125.08 6.29 -33.86	120.23 6.13 -29.00	113.43 5.89 -23.39	114.18 5.72 -24.31	106.73 5.36 -17.65
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	91.44 5.34 -5.17	87.82 5.02 -7.94	85.84 4.94 -6.04	83.82 4.94 -4.01	85.93 5.32 0.00	94.93 5.43 -7.30	113.30 5.84 -21.55	143.48 7.58 -32.12	121.85 8.75 -3.74	99.81 6.86 -7.22	102.87 7.12 -10.02	100.81 7.22 -7.58	98.63 7.28 -5.71	98.34 7.13 -6.37	100.85 7.09 -8.39	109.89 7.10 -16.24	122.03 7.17 -27.36	161.21 9.32 -38.19	143.11 9.32 -18.78	125.08 6.29 -33.86	120.23 6.13 -29.00	113.43 5.89 -23.39	114.18 5.72 -24.31	106.73 5.36 -17.65
WHITEHAL_115KV_TB1 80871	95.71 7.53 -7.25	92.74 6.74 -11.14	90.00 6.66 -8.47	87.30 6.81 -5.63	88.11 7.50 0.00	100.17 7.73 -10.25	125.17 9.02 -30.24	160.32 11.31 -45.22	138.82 11.70 -17.76	104.64 8.74 -10.17	96.02 7.89 -2.40	99.37 7.57 -5.81	95.93 7.62 -2.67	95.82 7.47 -3.51	99.28 7.94 -5.96	117.56 8.14 -22.87	131.40 9.36 -34.55	161.87 13.07 -35.10	164.18 13.34 -35.83	141.94 9.34 -47.67	134.86 8.94 -40.82	125.66 8.58 -32.93	126.61 8.25 -34.22	115.22 7.87 -23.63
WHITEPLN_13_KV_LOAD 356215	93.31 7.04 -5.34	89.51 6.44 -8.21	87.62 6.51 -6.24	85.53 6.51 -4.15	87.63 7.01 0.00	96.98 7.23 -7.55	116.01 7.82 -22.29	147.22 10.07 -33.37	124.70 11.48 -3.86	102.32 9.09 -7.50	105.71 9.34 -10.64	103.35 9.37 -7.97	100.93 9.25 -6.04	100.73 9.16 -6.72	103.42 9.22 -8.83	112.77 9.35 -16.88	125.53 9.54 -28.51	166.24 12.51 -40.04	147.06 12.54 -19.51	128.69 8.58 -35.18	123.58 8.34 -30.13	116.19 7.74 -24.30	117.06 7.66 -25.26	109.20 7.12 -18.36
WM_FLOYD_69_KV_BK2 356380	100.61 9.31 -10.38	98.27 8.61 -14.80	91.24 8.61 -7.77	90.82 8.61 -7.34	92.82 9.43 -2.77	103.68 9.54 -11.95	131.70 10.82 -34.97	154.75 13.80 -37.16	130.04 13.89 -6.79	108.05 10.46 -11.86	114.04 10.72 -17.59	111.17 10.75 -14.42	106.78 10.53 -10.61	106.43 10.27 -11.32	110.63 10.67 -14.58	129.02 11.34 -31.14	153.28 12.07 -53.71	185.15 16.37 -55.08	181.90 16.45 -50.44	160.33 11.47 -63.93	152.91 11.06 -56.74	140.83 10.01 -46.67	125.49 10.01 -31.33	121.91 9.80 -28.40
WOODARD___115KV_TB2 355635	80.51 -0.97 -0.55	74.66 -1.05 -0.84	74.46 -1.05 -0.64	74.24 -1.05 -0.42	79.56 -1.05 0.00	82.23 -0.74 -0.77	87.85 -0.34 -2.28	106.58 -0.62 -3.41	108.60 -0.77 0.00	85.98 -0.51 -0.77	85.47 -0.69 -0.43	85.85 -0.69 -0.54	85.27 -0.69 -0.31	84.38 -0.85 -0.38	85.27 -0.68 -0.57	87.68 -0.61 -1.73	89.58 -0.61 -2.70	116.06 -0.68 -3.05	116.02 -0.69 -1.70	87.95 -0.59 -3.61	87.43 -0.77 -3.09	85.80 -0.84 -2.50	85.82 -0.93 -2.59	84.71 -0.84 -1.83
YORK___WARBASSE 23770	107.89 7.77 -19.19	107.77 7.19 -25.71	106.91 7.26 -24.78	106.91 7.26 -24.78	107.01 7.90 -18.50	107.97 7.97 -17.80	116.67 8.42 -22.34	164.58 10.90 -49.89	147.76 12.36 -26.04	198.36 9.77 -102.85	117.80 9.94 -22.12	123.00 9.89 -27.11	122.16 9.85 -26.67	122.18 9.67 -27.66	121.94 9.82 -26.74	121.66 9.95 -25.16	285.67 10.15 -188.03	313.74 12.85 -187.19	322.87 13.11 -194.75	304.56 9.17 -210.46	285.70 9.02 -191.57	217.20 8.58 -124.47	117.88 8.41 -25.31	119.86 8.04 -28.10