

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$																			--- Marginal Cost of Losses																			--- Marginal Cost of Congestion																			01/26/2025		
Name	PTID	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																																				
59TH STREET_GT_1	24138	129.63	108.28	108.27	99.49	100.40	108.84	114.22	104.36	107.78	112.40	96.65	103.70	100.80	97.72	100.41	96.13	104.62	130.36	149.19	116.21	105.43	99.97	93.31	92.06																																				
		6.84	6.40	5.89	5.97	5.99	5.20	6.09	5.40	6.40	6.91	6.27	6.38	6.06	6.06	5.93	6.82	6.75	7.13	7.22	7.09	7.11	6.56	6.09	5.40																																				
		-35.17	-16.64	-20.56	-11.71	-13.45	-30.35	-26.91	-27.05	-23.35	-24.19	-17.53	-22.25	-22.59	-19.51	-22.19	-8.17	-14.44	-35.16	-53.89	-21.49	-10.52	-12.45	-9.17	-14.66																																				
74TH STREET_GT_1	24260	129.72	108.36	108.43	99.58	100.33	108.85	114.30	104.44	107.86	112.49	96.74	103.79	100.87	97.79	100.49	96.30	104.80	130.45	149.29	116.30	105.61	100.14	93.47	92.13																																				
		6.92	6.48	6.05	6.05	5.91	5.20	6.17	5.47	6.48	6.99	6.34	6.46	6.13	6.13	6.00	6.98	6.92	7.22	7.31	7.18	7.29	6.72	6.24	5.47																																				
		-35.18	-16.64	-20.56	-11.71	-13.45	-30.36	-26.91	-27.05	-23.35	-24.19	-17.54	-22.27	-22.59	-19.51	-22.19	-8.19	-14.45	-35.17	-53.90	-21.50	-10.52	-12.45	-9.17	-14.66																																				
74TH STREET_GT_2	24261	129.72	108.36	108.43	99.58	100.33	108.85	114.30	104.44	107.86	112.49	96.74	103.79	100.87	97.79	100.49	96.30	104.80	130.45	149.29	116.30	105.61	100.14	93.47	92.13																																				
		6.92	6.48	6.05	6.05	5.91	5.20	6.17	5.47	6.48	6.99	6.34	6.46	6.13	6.13	6.00	6.98	6.92	7.22	7.31	7.18	7.29	6.72	6.24	5.47																																				
		-35.18	-16.64	-20.56	-11.71	-13.45	-30.36	-26.91	-27.05	-23.35	-24.19	-17.54	-22.27	-22.59	-19.51	-22.19	-8.19	-14.45	-35.17	-53.90	-21.50	-10.52	-12.45	-9.17	-14.66																																				
ADK HUDSON___FALLS	24011	140.02	114.06	115.10	104.02	105.29	118.37	122.86	112.35	114.73	119.53	101.73	109.50	106.54	102.66	106.34	98.58	109.31	188.47	212.18	170.75	128.97	123.91	124.40	96.89																																				
		8.06	7.84	7.36	7.45	7.37	6.82	7.72	6.33	7.26	7.72	6.78	6.38	5.92	5.92	6.07	7.14	7.68	8.45	8.54	8.41	8.43	7.61	7.18	6.41																																				
		-44.35	-20.98	-25.92	-14.76	-16.95	-38.27	-33.92	-34.10	-29.44	-30.50	-22.10	-28.06	-28.48	-24.59	-27.98	-10.30	-18.21	-91.95	-115.56	-74.72	-32.74	-35.33	-39.17	-18.48																																				
ADK RESOURCE___RCVRY	23798	140.51	114.60	115.54	104.45	105.79	118.85	123.38	112.82	115.23	120.13	102.19	109.98	106.93	102.98	106.73	98.91	109.75	189.53	213.35	171.88	129.80	124.69	125.17	97.35																																				
		8.50	8.36	7.78	7.86	7.85	7.26	8.20	6.76	7.73	8.30	7.21	6.83	6.27	6.21	6.43	7.46	8.09	8.99	9.16	9.03	9.05	8.17	7.65	6.84																																				
		-44.39	-21.00	-25.95	-14.78	-16.97	-38.31	-33.96	-34.14	-29.47	-30.53	-22.12	-28.09	-28.51	-24.62	-28.01	-10.31	-18.23	-92.48	-116.12	-75.23	-32.96	-35.55	-39.46	-18.50																																				
ADK S GLENS___FALLS	24028	140.02	114.06	115.10	104.02	105.29	118.37	122.86	112.35	114.73	119.53	101.73	109.50	106.54	102.66	106.34	98.58	109.31	188.47	212.18	170.75	128.97	123.91	124.40	96.89																																				
		8.06	7.84	7.36	7.45	7.37	6.82	7.72	6.33	7.26	7.72	6.78	6.38	5.92	5.92	6.07	7.14	7.68	8.45	8.54	8.41	8.43	7.61	7.18	6.41																																				
		-44.35	-20.98	-25.92	-14.76	-16.95	-38.27	-33.92	-34.10	-29.44	-30.50	-22.10	-28.06	-28.48	-24.59	-27.98	-10.30	-18.21	-91.95	-115.56	-74.72	-32.74	-35.33	-39.17	-18.48																																				
ADK_NYS___DAM	23527	136.97	111.79	112.79	102.02	103.23	115.55	120.04	110.06	112.44	117.15	100.00	107.99	105.18	101.43	104.85	97.32	107.50	169.67	192.46	152.57	120.63	115.54	113.65	95.23																																				
		6.57	6.31	5.97	5.97	5.91	5.35	6.09	5.25	6.01	6.42	5.83	5.86	5.56	5.56	5.57	6.25	6.51	7.05	7.05	7.01	7.03	6.32	6.01	5.40																																				
		-42.78	-20.23	-25.01	-14.24	-16.35	-36.92	-32.72	-32.90	-28.40	-29.42	-21.32	-27.06	-27.47	-23.72	-26.99	-9.94	-17.57	-74.56	-97.34	-57.94	-25.80	-28.25	-29.59	-17.83																																				
AIR_PRODUCTS___DRP	24190	133.26	107.76	109.04	98.23	99.48	112.31	116.25	106.80	108.64	113.10	96.29	104.25	101.74	97.98	101.47	93.71	103.56	154.62	177.49	137.39	111.76	107.16	104.17	92.48																																				
		2.72	2.22	2.13	2.13	2.11	1.98	2.19	1.87	2.11	2.28	2.04	2.03	2.02	2.02	2.10	2.60	2.50	2.47	2.47	2.37	2.46	2.27	2.65	2.59																																				
		-42.93	-20.31	-25.09	-14.29	-16.41	-37.05	-32.84	-33.01	-28.50	-29.52	-21.39	-27.16	-27.57	-23.81	-27.08	-9.97	-17.63	-64.09	-86.94	-47.41	-21.50	-23.92	-23.47	-17.89																																				
AKWESSNE_115KV_BK	355683	86.21	84.13	80.84	80.84	80.00	72.41	79.84	71.13	76.78	79.84	71.62	73.72	71.14	71.07	71.06	79.76	81.84	86.04	86.14	86.13	86.13	79.92	77.19	71.28																																				
		-1.40	-1.11	-0.98	-0.98	-0.97	-0.88	-1.38	-0.79	-1.25	-1.46	-1.24	-1.35	-1.01	-1.08	-1.23	-1.38	-1.59	-2.03	-1.94	-1.49	-1.67	-1.05	-0.86	-0.72																																				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																																				
ALBANY_1_SOLAR	323833	134.00	109.20	110.24	99.62	100.82	113.13	117.30	107.30	109.31	113.64	96.71	104.60	101.91	98.21	101.79	94.42	104.41	148.23	170.70	131.28	110.11	105.24	100.78	93.03																																				
		4.21	4.01	3.77	3.77	3.73	3.45	3.82	2.95	3.28	3.33	2.84	2.85	2.67	2.67	2.89	3.49	3.67	3.97	3.97	3.85	3.95	3.56	3.59	3.46																																				
		-42.18	-19.95	-24.65	-14.04	-16.12	-36.40	-32.26	-32.43	-28.00	-29.01	-21.02	-26.68	-27.08	-23.39	-26.61	-9.80	-17.32	-56.20	-78.66	-39.82	-18.36	-20.72	-19.13	-17.58																																				
ALBANY_2_SOLAR	323834	134.00	109.12	110.24	99.62	100.82	113.13	117.22	107.31	109.31	113.65	96.71	104.53	101.91	98.21	101.80	94.42	104.41	148.13	170.60	131.27	110.11	105.24	100.77	93.04																																				
		4.21	3.92	3.77	3.77	3.73	3.45	3.74	2.95	3.28	3.33	2.84	2.78	2.67	2.67	2.89	3.49	3.67	3.87	3.87	3.85	3.95	3.56	3.59	3.46																																				
		-42.18	-19.95	-24.66	-14.04	-16.12	-36.40	-32.27	-32.44	-28.00	-29.01	-21.02	-26.69	-27.09	-23.39	-26.61	-9.80	-17.32	-56.19	-78.65	-39.81	-18.36	-20.71	-19.13	-17.58																																				
ALBANY___1	23571	133.26	107.76	109.04	98.23	99.48	112.31	116.25	106.80	108.64	113.10	96.29	104.25	101.74	97.98	101.47	93.71	103.56	154.62	177.49	137.39	111.76	107.16	104.17	92.48																																				
		2.72	2.22	2.13	2.13	2.11	1.98	2.19	1.87	2.11	2.28	2.04	2.03	2.02	2.02	2.10	2.60	2.50	2.47	2.47	2.37	2.46	2.27	2.65	2.59																																				
		-42.93	-20.31	-25.09	-14.29	-16.41	-37.05	-32.84	-33.01	-28.50	-29.52	-21.39	-27.16	-27.57	-23.81	-27.08	-9.97	-17.63	-64.09	-86.94	-47.41	-21.50	-23.92	-23.47	-17.89																																				

ALBANY___2 23572	133.26 2.72 -42.93	107.76 2.22 -20.31	109.04 2.13 -25.09	98.23 2.13 -14.29	99.48 2.11 -16.41	112.31 1.98 -37.05	116.25 2.19 -32.84	106.80 1.87 -33.01	108.64 2.11 -28.50	113.10 2.28 -29.52	96.29 2.04 -21.39	104.25 2.03 -27.16	101.74 2.02 -27.57	97.98 2.02 -23.81	101.47 2.10 -27.08	93.71 2.60 -9.97	103.56 2.50 -17.63	154.62 2.47 -64.09	177.49 2.47 -86.94	137.39 2.37 -47.41	111.76 2.46 -21.50	107.16 2.27 -23.92	104.17 2.65 -23.47	92.48 2.59 -17.89
ALBANY___3 23573	133.26 2.72 -42.93	107.76 2.22 -20.31	109.04 2.13 -25.09	98.23 2.13 -14.29	99.48 2.11 -16.41	112.31 1.98 -37.05	116.25 2.19 -32.84	106.80 1.87 -33.01	108.64 2.11 -28.50	113.10 2.28 -29.52	96.29 2.04 -21.39	104.25 2.03 -27.16	101.74 2.02 -27.57	97.98 2.02 -23.81	101.47 2.10 -27.08	93.71 2.60 -9.97	103.56 2.50 -17.63	154.62 2.47 -64.09	177.49 2.47 -86.94	137.39 2.37 -47.41	111.76 2.46 -21.50	107.16 2.27 -23.92	104.17 2.65 -23.47	92.48 2.59 -17.89
ALBANY___4 23574	133.26 2.72 -42.93	107.76 2.22 -20.31	109.04 2.13 -25.09	98.23 2.13 -14.29	99.48 2.11 -16.41	112.31 1.98 -37.05	116.25 2.19 -32.84	106.80 1.87 -33.01	108.64 2.11 -28.50	113.10 2.28 -29.52	96.29 2.04 -21.39	104.25 2.03 -27.16	101.74 2.02 -27.57	97.98 2.02 -23.81	101.47 2.10 -27.08	93.71 2.60 -9.97	103.56 2.50 -17.63	154.62 2.47 -64.09	177.49 2.47 -86.94	137.39 2.37 -47.41	111.76 2.46 -21.50	107.16 2.27 -23.92	104.17 2.65 -23.47	92.48 2.59 -17.89
ALBANY___LFGE 323615	134.47 3.51 -43.34	108.90 3.16 -20.50	110.09 2.94 -25.34	99.18 2.94 -14.43	100.45 2.91 -16.57	113.40 2.71 -37.40	117.46 3.09 -33.16	107.83 2.59 -33.33	109.77 2.96 -28.77	114.28 3.17 -29.81	97.22 2.77 -21.60	105.34 2.85 -27.42	102.72 2.74 -27.83	98.93 2.74 -24.04	102.45 2.82 -27.34	94.61 3.41 -10.07	104.65 3.42 -17.80	164.03 3.43 -72.53	187.12 3.43 -95.61	146.64 3.33 -55.69	116.13 3.42 -24.91	111.51 3.15 -27.38	109.64 3.35 -28.23	93.23 3.16 -18.06
ALCOA_PA_115KV_PL-6C 55860	86.48 -1.14 0.00	84.30 -0.94 0.00	81.08 -0.74 0.00	81.08 -0.74 0.00	80.24 -0.73 0.00	72.55 -0.73 0.00	80.00 -1.22 0.00	71.27 -0.65 0.00	76.86 -1.17 0.00	79.92 -1.38 0.00	71.76 -1.09 0.00	73.94 -1.13 0.00	71.28 -0.87 0.00	71.21 -0.94 0.00	71.21 -1.08 0.00	79.92 -1.22 0.00	82.01 -1.42 0.00	86.22 -1.85 0.00	86.31 -1.76 0.00	86.30 -1.31 0.00	86.31 -1.49 0.00	80.16 -0.81 0.00	77.43 -0.62 0.00	71.50 -0.50 0.00
ALCOA_RYNLDS___DRP 24188	86.48 -1.14 0.00	84.30 -0.94 0.00	81.08 -0.74 0.00	81.08 -0.74 0.00	80.24 -0.73 0.00	72.55 -0.73 0.00	80.00 -1.22 0.00	71.27 -0.65 0.00	76.86 -1.17 0.00	79.92 -1.38 0.00	71.76 -1.09 0.00	73.94 -1.13 0.00	71.28 -0.87 0.00	71.21 -0.94 0.00	71.21 -1.08 0.00	79.92 -1.22 0.00	82.01 -1.42 0.00	86.22 -1.85 0.00	86.31 -1.76 0.00	86.30 -1.31 0.00	86.31 -1.49 0.00	80.16 -0.81 0.00	77.43 -0.62 0.00	71.50 -0.50 0.00
ALCOA___DSASP 323711	86.57 -1.05 0.00	84.31 -0.94 0.00	81.08 -0.74 0.00	81.08 -0.74 0.00	80.24 -0.73 0.00	72.55 -0.73 0.00	80.00 -1.22 0.00	71.27 -0.65 0.00	76.86 -1.17 0.00	79.92 -1.38 0.00	71.77 -1.09 0.00	73.94 -1.12 0.00	71.29 -0.86 0.00	71.21 -0.94 0.00	71.21 -1.08 0.00	80.00 -1.14 0.00	82.01 -1.42 0.00	86.13 -1.94 0.00	86.32 -1.76 0.00	86.30 -1.31 0.00	86.31 -1.49 0.00	80.16 -0.81 0.00	77.42 -0.63 0.00	71.50 -0.50 0.00
ALLEGHENY___COGEN 23514	93.05 -0.61 -6.05	86.91 -1.19 -2.86	84.29 -1.07 -3.53	82.68 -1.15 -2.01	82.22 -1.05 -2.31	77.48 -1.03 -5.22	85.28 -0.56 -4.63	75.13 -1.44 -4.65	97.11 -1.72 -20.80	113.86 -2.03 -34.58	95.54 -2.40 -25.08	102.59 -2.55 -30.07	84.21 -3.17 -15.23	82.99 -3.25 -14.08	98.94 -2.67 -29.32	78.97 -2.36 -0.19	82.25 -1.50 -0.32	101.26 -0.26 -13.46	97.22 0.09 -9.05	90.40 -1.05 -3.83	89.25 -0.44 -1.88	81.48 -1.70 -2.22	78.48 -1.25 -1.68	73.73 -0.79 -2.52
ALTAMONT_115KV_TB 2 55880	133.91 3.42 -42.88	108.68 3.15 -20.28	109.91 3.03 -25.06	99.12 3.03 -14.27	100.35 3.00 -16.39	113.07 2.78 -37.00	117.10 3.09 -32.80	107.48 2.59 -32.97	109.46 2.97 -28.47	113.96 3.17 -29.49	97.06 2.84 -21.36	105.05 2.85 -27.13	102.43 2.74 -27.54	98.67 2.74 -23.78	102.09 2.75 -27.05	94.26 3.16 -9.96	104.29 3.25 -17.61	149.34 3.43 -57.84	172.18 3.43 -80.67	132.13 3.33 -41.18	110.17 3.42 -18.95	105.40 3.08 -21.35	100.95 3.04 -19.86	92.68 2.81 -17.87
ALTONA_WT_PWR 323606	86.04 -1.57 0.00	83.79 -1.45 0.00	80.67 -1.15 0.00	80.59 -1.23 0.00	79.67 -1.30 0.00	71.89 -1.39 0.00	78.70 -2.52 0.00	70.05 -1.87 0.00	75.53 -2.50 0.00	78.54 -2.76 0.00	70.31 -2.55 0.00	72.37 -2.70 0.00	69.77 -2.38 0.00	69.70 -2.45 0.00	69.69 -2.60 0.00	78.38 -2.76 0.00	80.50 -2.92 0.00	84.81 -3.26 0.00	85.17 -2.90 0.00	85.26 -2.36 0.00	85.25 -2.55 0.00	79.26 -1.70 0.00	76.41 -1.64 0.00	70.78 -1.22 0.00
AMERICAN_REF_FUEL 24010	84.00 -9.02 -5.41	78.85 -8.95 -2.56	76.39 -8.59 -3.16	75.11 -8.51 -1.80	74.54 -8.50 -2.07	70.41 -7.55 -4.67	77.16 -8.20 -4.14	66.80 -9.28 -4.16	68.82 -8.82 0.40	69.18 -8.86 3.26	62.18 -8.31 2.37	63.85 -8.41 2.81	62.56 -8.88 0.71	62.58 -8.80 0.77	61.31 -8.31 2.67	71.01 -10.63 -0.50	73.12 -11.18 -0.87	78.84 -11.89 -2.67	84.53 -11.71 -8.17	79.04 -11.83 -3.26	78.32 -11.15 -1.67	72.73 -10.20 -1.97	69.85 -9.68 -1.48	66.62 -7.63 -2.26
ARKWRIGHT___SUMMIT_WT_PWR 323751	85.68 -7.97 -6.03	80.08 -8.02 -2.85	77.49 -7.85 -3.53	76.05 -7.77 -2.01	75.50 -7.77 -2.31	71.75 -6.74 -5.21	78.85 -6.99 -4.61	68.65 -7.91 -4.64	69.46 -8.43 0.14	70.66 -7.32 3.33	63.88 -6.56 2.42	64.89 -7.51 2.67	63.56 -7.79 0.80	63.75 -7.65 0.75	62.24 -7.52 2.53	73.16 -8.44 -0.46	75.55 -8.68 -0.80	82.27 -8.89 -3.09	88.38 -8.81 -9.11	82.81 -8.50 -3.69	81.33 -8.34 -1.88	74.43 -8.75 -2.21	72.08 -7.65 -1.67	68.11 -6.41 -2.51
ARTHUR KILL_GT_1 23520	128.98 6.13 -35.23	123.87 5.62 -33.01	63.02 5.07 23.88	46.18 5.07 40.72	46.01 4.86 39.81	48.15 4.18 29.31	120.20 5.04 -33.94	104.01 4.61 -27.49	125.74 5.62 -42.09	68.10 6.10 19.30	66.02 5.53 12.37	70.79 5.63 9.91	67.94 5.26 9.47	66.02 5.34 11.47	67.64 5.21 9.86	119.74 6.16 -32.44	129.47 6.26 -39.78	158.26 6.78 -63.42	206.31 6.87 -111.36	170.54 6.84 -76.09	127.49 6.76 -32.93	123.13 6.32 -35.84	111.96 5.62 -28.28	110.68 4.90 -33.78
ARTHUR_KILL_2 23512	128.72 5.87 -35.23	123.62 5.37 -33.01	62.77 4.83 23.88	45.93 4.83 40.72	45.77 4.61 39.81	47.93 3.95 29.31	119.95 4.79 -33.94	103.79 4.39 -27.49	125.50 5.38 -42.09	67.86 5.86 19.30	65.88 5.39 12.37	70.57 5.41 9.91	67.80 5.12 9.47	65.88 5.20 11.47	67.41 4.98 9.86	119.50 5.92 -32.44	129.22 6.01 -39.78	157.91 6.43 -63.42	206.05 6.61 -111.36	170.19 6.48 -76.09	127.23 6.50 -32.93	122.80 5.99 -35.84	111.71 5.38 -28.28	110.46 4.68 -33.78
ARTHUR_KILL_3 23513	65.55 5.96 28.03	63.09 5.54 27.69	63.09 5.16 23.88	46.25 5.16 40.72	46.17 5.02 39.82	48.36 4.40 29.32	63.09 5.28 23.40	63.55 4.67 13.04	65.55 5.62 18.10	68.01 6.02 19.31	66.01 5.53 12.38	70.78 5.63 9.92	68.01 5.34 9.48	66.01 5.34 11.48	67.63 5.21 9.87	67.91 6.00 19.23	67.94 5.75 21.24	76.94 6.07 17.20	76.94 6.16 17.30	73.94 6.04 19.72	68.90 6.05 24.96	68.15 5.75 18.57	66.01 5.38 17.42	66.01 4.68 10.67

ARTHUR_KILL_COGEN 323718	128.98 6.13 -35.23	123.87 5.62 -33.01	63.02 5.07 23.88	46.18 5.07 40.72	46.01 4.86 39.81	48.15 4.18 29.31	120.20 5.04 -33.94	104.01 4.61 -27.49	125.74 5.62 -42.09	68.10 6.10 19.30	66.02 5.53 12.37	70.79 5.63 9.91	67.94 5.26 9.47	66.02 5.34 11.47	67.64 5.21 9.86	119.74 6.16 -32.44	129.47 6.26 -39.78	158.26 6.78 -63.42	206.31 6.87 -111.36	170.54 6.84 -76.09	127.49 6.76 -32.93	123.13 6.32 -35.84	111.96 5.62 -28.28	110.68 4.90 -33.78
ASHOKAN____ 23654	130.03 3.07 -39.34	106.83 2.98 -18.61	107.51 2.70 -23.00	97.61 2.70 -13.09	98.60 2.59 -15.04	109.58 2.34 -33.95	114.08 2.76 -30.10	104.26 2.09 -30.26	106.72 2.57 -26.12	110.80 2.44 -27.06	94.58 2.11 -19.60	101.84 1.88 -24.89	99.22 1.80 -25.27	95.70 1.73 -21.82	98.78 1.66 -24.82	92.80 2.52 -9.14	102.50 2.92 -16.16	140.68 3.53 -49.09	161.73 3.61 -70.04	124.75 3.33 -33.80	106.81 3.25 -15.76	101.59 2.67 -17.95	96.15 2.18 -15.92	90.41 2.01 -16.40
ASTORIA_EAST_ENERGY_CC1 323581	129.71 6.92 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.25 5.73 -11.71	99.92 5.51 -13.45	108.19 4.55 -30.36	113.49 5.36 -26.91	103.86 4.89 -27.05	107.24 5.86 -23.35	111.66 6.18 -24.18	96.08 5.69 -17.54	103.03 5.70 -22.26	100.15 5.41 -22.58	97.13 5.48 -19.50	99.75 5.27 -22.18	95.73 6.41 -8.18	104.21 6.34 -14.45	129.65 6.43 -35.16	148.49 6.52 -53.89	115.50 6.39 -21.49	104.82 6.50 -10.52	99.90 6.48 -12.45	93.15 5.93 -9.17	91.99 5.33 -14.66
ASTORIA_EAST_ENERGY_CC2 323582	129.71 6.92 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.25 5.73 -11.71	100.00 5.58 -13.45	108.19 4.55 -30.36	113.49 5.36 -26.91	103.93 4.96 -27.05	107.31 5.93 -23.35	111.66 6.18 -24.18	96.08 5.69 -17.54	103.03 5.70 -22.26	100.15 5.41 -22.58	97.13 5.48 -19.50	99.75 5.27 -22.18	95.73 6.41 -8.18	104.21 6.34 -14.45	129.65 6.43 -35.16	148.49 6.52 -53.89	115.59 6.48 -21.49	104.82 6.50 -10.52	99.90 6.48 -12.45	93.15 5.93 -9.17	91.99 5.33 -14.66
ASTORIA_GT2_1 24094	129.80 7.01 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.33 5.81 -11.71	100.00 5.59 -13.45	108.19 4.54 -30.36	113.49 5.36 -26.91	103.93 4.96 -27.05	107.32 5.93 -23.35	111.76 6.26 -24.19	96.16 5.76 -17.54	103.12 5.78 -22.27	100.15 5.41 -22.59	97.14 5.48 -19.51	99.83 5.35 -22.19	95.82 6.49 -8.19	104.29 6.42 -14.45	129.66 6.43 -35.17	148.49 6.52 -53.90	115.60 6.48 -21.50	104.91 6.58 -10.52	99.90 6.48 -12.45	93.15 5.93 -9.17	92.06 5.40 -14.66
ASTORIA_GT2_2 24095	129.80 7.01 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.33 5.81 -11.71	100.00 5.59 -13.45	108.19 4.54 -30.36	113.49 5.36 -26.91	103.93 4.96 -27.05	107.32 5.93 -23.35	111.76 6.26 -24.19	96.16 5.76 -17.54	103.12 5.78 -22.27	100.15 5.41 -22.59	97.14 5.48 -19.51	99.83 5.35 -22.19	95.82 6.49 -8.19	104.29 6.42 -14.45	129.66 6.43 -35.17	148.49 6.52 -53.90	115.60 6.48 -21.50	104.91 6.58 -10.52	99.90 6.48 -12.45	93.15 5.93 -9.17	92.06 5.40 -14.66
ASTORIA_GT2_3 24096	129.80 7.01 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.33 5.81 -11.71	100.00 5.59 -13.45	108.19 4.54 -30.36	113.49 5.36 -26.91	103.93 4.96 -27.05	107.32 5.93 -23.35	111.76 6.26 -24.19	96.16 5.76 -17.54	103.12 5.78 -22.27	100.15 5.41 -22.59	97.14 5.48 -19.51	99.83 5.35 -22.19	95.82 6.49 -8.19	104.29 6.42 -14.45	129.66 6.43 -35.17	148.49 6.52 -53.90	115.60 6.48 -21.50	104.91 6.58 -10.52	99.90 6.48 -12.45	93.15 5.93 -9.17	92.06 5.40 -14.66
ASTORIA_GT2_4 24097	129.80 7.01 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.33 5.81 -11.71	100.00 5.59 -13.45	108.19 4.54 -30.36	113.49 5.36 -26.91	103.93 4.96 -27.05	107.32 5.93 -23.35	111.76 6.26 -24.19	96.16 5.76 -17.54	103.12 5.78 -22.27	100.15 5.41 -22.59	97.14 5.48 -19.51	99.83 5.35 -22.19	95.82 6.49 -8.19	104.29 6.42 -14.45	129.66 6.43 -35.17	148.49 6.52 -53.90	115.60 6.48 -21.50	104.91 6.58 -10.52	99.90 6.48 -12.45	93.15 5.93 -9.17	92.06 5.40 -14.66
ASTORIA_GT3_1 24098	129.80 7.01 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.33 5.81 -11.71	100.00 5.59 -13.45	108.19 4.54 -30.36	113.49 5.36 -26.91	103.93 4.96 -27.05	107.32 5.93 -23.35	111.76 6.26 -24.19	96.16 5.76 -17.54	103.12 5.78 -22.27	100.15 5.41 -22.59	97.14 5.48 -19.51	99.83 5.35 -22.19	95.82 6.49 -8.19	104.29 6.42 -14.45	129.66 6.43 -35.17	148.49 6.52 -53.90	115.60 6.48 -21.50	104.91 6.58 -10.52	99.90 6.48 -12.45	93.15 5.93 -9.17	92.06 5.40 -14.66
ASTORIA_GT3_2 24099	129.80 7.01 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.33 5.81 -11.71	100.00 5.59 -13.45	108.19 4.54 -30.36	113.49 5.36 -26.91	103.93 4.96 -27.05	107.32 5.93 -23.35	111.76 6.26 -24.19	96.16 5.76 -17.54	103.12 5.78 -22.27	100.15 5.41 -22.59	97.14 5.48 -19.51	99.83 5.35 -22.19	95.82 6.49 -8.19	104.29 6.42 -14.45	129.66 6.43 -35.17	148.49 6.52 -53.90	115.60 6.48 -21.50	104.91 6.58 -10.52	99.90 6.48 -12.45	93.15 5.93 -9.17	92.06 5.40 -14.66
ASTORIA_GT3_3 24100	129.80 7.01 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.33 5.81 -11.71	100.00 5.59 -13.45	108.19 4.54 -30.36	113.49 5.36 -26.91	103.93 4.96 -27.05	107.32 5.93 -23.35	111.76 6.26 -24.19	96.16 5.76 -17.54	103.12 5.78 -22.27	100.15 5.41 -22.59	97.14 5.48 -19.51	99.83 5.35 -22.19	95.82 6.49 -8.19	104.29 6.42 -14.45	129.66 6.43 -35.17	148.49 6.52 -53.90	115.60 6.48 -21.50	104.91 6.58 -10.52	99.90 6.48 -12.45	93.15 5.93 -9.17	92.06 5.40 -14.66
ASTORIA_GT3_4 24101	129.80 7.01 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.33 5.81 -11.71	100.00 5.59 -13.45	108.19 4.54 -30.36	113.49 5.36 -26.91	103.93 4.96 -27.05	107.32 5.93 -23.35	111.76 6.26 -24.19	96.16 5.76 -17.54	103.12 5.78 -22.27	100.15 5.41 -22.59	97.14 5.48 -19.51	99.83 5.35 -22.19	95.82 6.49 -8.19	104.29 6.42 -14.45	129.66 6.43 -35.17	148.49 6.52 -53.90	115.60 6.48 -21.50	104.91 6.58 -10.52	99.90 6.48 -12.45	93.15 5.93 -9.17	92.06 5.40 -14.66
ASTORIA_GT4_1 24102	129.80 7.01 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.33 5.81 -11.71	100.00 5.59 -13.45	108.19 4.54 -30.36	113.49 5.36 -26.91	103.93 4.96 -27.05	107.32 5.93 -23.35	111.76 6.26 -24.19	96.16 5.76 -17.54	103.12 5.78 -22.27	100.15 5.41 -22.59	97.14 5.48 -19.51	99.83 5.35 -22.19	95.82 6.49 -8.19	104.29 6.42 -14.45	129.66 6.43 -35.17	148.49 6.52 -53.90	115.60 6.48 -21.50	104.91 6.58 -10.52	99.90 6.48 -12.45	93.15 5.93 -9.17	92.06 5.40 -14.66
ASTORIA_GT4_2 24103	129.80 7.01 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.33 5.81 -11.71	100.00 5.59 -13.45	108.19 4.54 -30.36	113.49 5.36 -26.91	103.93 4.96 -27.05	107.32 5.93 -23.35	111.76 6.26 -24.19	96.16 5.76 -17.54	103.12 5.78 -22.27	100.15 5.41 -22.59	97.14 5.48 -19.51	99.83 5.35 -22.19	95.82 6.49 -8.19	104.29 6.42 -14.45	129.66 6.43 -35.17	148.49 6.52 -53.90	115.60 6.48 -21.50	104.91 6.58 -10.52	99.90 6.48 -12.45	93.15 5.93 -9.17	92.06 5.40 -14.66
ASTORIA_GT4_3 24104	129.80 7.01 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.33 5.81 -11.71	100.00 5.59 -13.45	108.19 4.54 -30.36	113.49 5.36 -26.91	103.93 4.96 -27.05	107.32 5.93 -23.35	111.76 6.26 -24.19	96.16 5.76 -17.54	103.12 5.78 -22.27	100.15 5.41 -22.59	97.14 5.48 -19.51	99.83 5.35 -22.19	95.82 6.49 -8.19	104.29 6.42 -14.45	129.66 6.43 -35.17	148.49 6.52 -53.90	115.60 6.48 -21.50	104.91 6.58 -10.52	99.90 6.48 -12.45	93.15 5.93 -9.17	92.06 5.40 -14.66

ASTORIA_GT4_4 24105	129.80 7.01 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.33 5.81 -11.71	100.00 5.59 -13.45	108.19 4.54 -30.36	113.49 5.36 -26.91	103.93 4.96 -27.05	107.32 5.93 -23.35	111.76 6.26 -24.19	96.16 5.76 -17.54	103.12 5.78 -22.27	100.15 5.41 -22.59	97.14 5.48 -19.51	99.83 5.35 -22.19	95.82 6.49 -8.19	104.29 6.42 -14.45	129.66 6.43 -35.17	148.49 6.52 -53.90	115.60 6.48 -21.50	104.91 6.58 -10.52	99.90 6.48 -12.45	93.15 5.93 -9.17	92.06 5.40 -14.66
ASTORIA_GT_1 23523	129.98 7.19 -35.18	108.36 6.48 -16.64	108.35 5.97 -20.56	99.42 5.89 -11.71	100.16 5.75 -13.45	108.34 4.69 -30.36	113.65 5.53 -26.91	104.08 5.11 -27.05	107.48 6.09 -23.35	111.91 6.42 -24.18	96.22 5.83 -17.54	103.19 5.86 -22.26	100.29 5.56 -22.58	97.28 5.63 -19.50	99.97 5.49 -22.18	95.97 6.65 -8.18	104.46 6.59 -14.45	129.91 6.69 -35.16	148.66 6.69 -53.89	115.76 6.66 -21.49	105.08 6.76 -10.52	100.06 6.64 -12.45	93.31 6.09 -9.17	92.21 5.54 -14.66
ASTORIA_GT_10 24110	129.54 6.75 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.25 5.73 -11.71	100.00 5.59 -13.45	108.41 4.76 -30.36	113.81 5.69 -26.91	104.15 5.18 -27.05	107.55 6.16 -23.35	112.08 6.59 -24.19	96.45 6.05 -17.54	103.42 6.08 -22.27	100.51 5.77 -22.59	97.50 5.84 -19.51	100.20 5.71 -22.19	95.98 6.65 -8.19	104.55 6.67 -14.45	130.19 6.96 -35.17	149.02 7.05 -53.90	116.04 6.92 -21.50	105.35 7.02 -10.52	99.98 6.56 -12.45	93.31 6.09 -9.17	91.99 5.33 -14.66
ASTORIA_GT_11 24225	129.54 6.75 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.25 5.73 -11.71	100.00 5.59 -13.45	108.41 4.76 -30.36	113.81 5.69 -26.91	104.15 5.18 -27.05	107.55 6.16 -23.35	112.08 6.59 -24.19	96.45 6.05 -17.54	103.42 6.08 -22.27	100.51 5.77 -22.59	97.50 5.84 -19.51	100.20 5.71 -22.19	95.98 6.65 -8.19	104.55 6.67 -14.45	130.19 6.96 -35.17	149.02 7.05 -53.90	116.04 6.92 -21.50	105.35 7.02 -10.52	99.98 6.56 -12.45	93.31 6.09 -9.17	91.99 5.33 -14.66
ASTORIA_GT_12 24226	129.54 6.75 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.25 5.73 -11.71	100.00 5.59 -13.45	108.41 4.76 -30.36	113.81 5.69 -26.91	104.15 5.18 -27.05	107.55 6.16 -23.35	112.08 6.59 -24.19	96.45 6.05 -17.54	103.42 6.08 -22.27	100.51 5.77 -22.59	97.50 5.84 -19.51	100.20 5.71 -22.19	95.98 6.65 -8.19	104.55 6.67 -14.45	130.19 6.96 -35.17	149.02 7.05 -53.90	116.04 6.92 -21.50	105.35 7.02 -10.52	99.98 6.56 -12.45	93.31 6.09 -9.17	91.99 5.33 -14.66
ASTORIA_GT_13 24227	129.54 6.75 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.25 5.73 -11.71	100.00 5.59 -13.45	108.41 4.76 -30.36	113.81 5.69 -26.91	104.15 5.18 -27.05	107.55 6.16 -23.35	112.08 6.59 -24.19	96.45 6.05 -17.54	103.42 6.08 -22.27	100.51 5.77 -22.59	97.50 5.84 -19.51	100.20 5.71 -22.19	95.98 6.65 -8.19	104.55 6.67 -14.45	130.19 6.96 -35.17	149.02 7.05 -53.90	116.04 6.92 -21.50	105.35 7.02 -10.52	99.98 6.56 -12.45	93.31 6.09 -9.17	91.99 5.33 -14.66
ASTORIA_GT_5 24106	129.98 7.18 -35.18	108.36 6.48 -16.64	108.35 5.97 -20.56	99.42 5.89 -11.71	100.16 5.75 -13.45	108.33 4.69 -30.36	113.65 5.52 -26.91	104.08 5.11 -27.05	107.47 6.09 -23.35	111.92 6.42 -24.19	96.30 5.90 -17.54	103.27 5.93 -22.27	100.30 5.56 -22.59	97.29 5.63 -19.51	99.98 5.49 -22.19	95.98 6.65 -8.19	104.46 6.59 -14.45	129.84 6.60 -35.17	148.67 6.69 -53.90	115.77 6.66 -21.50	105.08 6.76 -10.52	100.06 6.64 -12.45	93.31 6.09 -9.17	92.21 5.54 -14.66
ASTORIA_GT_7 24107	129.98 7.18 -35.18	108.36 6.48 -16.64	108.35 5.97 -20.56	99.42 5.89 -11.71	100.16 5.75 -13.45	108.33 4.69 -30.36	113.65 5.52 -26.91	104.08 5.11 -27.05	107.47 6.09 -23.35	111.92 6.42 -24.19	96.30 5.90 -17.54	103.27 5.93 -22.27	100.30 5.56 -22.59	97.29 5.63 -19.51	99.98 5.49 -22.19	95.98 6.65 -8.19	104.46 6.59 -14.45	129.84 6.60 -35.17	148.67 6.69 -53.90	115.77 6.66 -21.50	105.08 6.76 -10.52	100.06 6.64 -12.45	93.31 6.09 -9.17	92.21 5.54 -14.66
ASTORIA_GT_8 24108	129.98 7.18 -35.18	108.36 6.48 -16.64	108.35 5.97 -20.56	99.42 5.89 -11.71	100.16 5.75 -13.45	108.33 4.69 -30.36	113.65 5.52 -26.91	104.08 5.11 -27.05	107.47 6.09 -23.35	111.92 6.42 -24.19	96.30 5.90 -17.54	103.27 5.93 -22.27	100.30 5.56 -22.59	97.29 5.63 -19.51	99.98 5.49 -22.19	95.98 6.65 -8.19	104.46 6.59 -14.45	129.84 6.60 -35.17	148.67 6.69 -53.90	115.77 6.66 -21.50	105.08 6.76 -10.52	100.06 6.64 -12.45	93.31 6.09 -9.17	92.21 5.54 -14.66
ASTORIA___2 24149	129.81 7.01 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.34 5.81 -11.71	100.00 5.58 -13.45	108.19 4.55 -30.36	113.49 5.36 -26.91	103.93 4.96 -27.05	107.31 5.93 -23.35	111.75 6.26 -24.18	96.08 5.69 -17.54	103.11 5.78 -22.26	100.15 5.41 -22.58	97.13 5.48 -19.50	99.83 5.35 -22.18	95.81 6.49 -8.18	104.30 6.42 -14.45	129.74 6.52 -35.16	148.49 6.52 -53.89	115.59 6.48 -21.49	104.91 6.59 -10.52	99.90 6.48 -12.45	93.15 5.93 -9.17	92.06 5.40 -14.66
ASTORIA___3 23516	129.54 6.75 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.25 5.73 -11.71	100.00 5.58 -13.45	108.41 4.76 -30.36	113.81 5.68 -26.91	104.15 5.18 -27.05	107.55 6.16 -23.35	112.08 6.58 -24.19	96.45 6.04 -17.54	103.42 6.08 -22.27	100.51 5.77 -22.59	97.50 5.84 -19.51	100.19 5.71 -22.19	95.98 6.65 -8.19	104.55 6.68 -14.45	130.19 6.96 -35.17	149.03 7.05 -53.90	116.13 7.01 -21.50	105.35 7.03 -10.52	99.98 6.56 -12.45	93.31 6.09 -9.17	91.99 5.33 -14.66
ASTORIA___4 23517	129.54 6.75 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.25 5.73 -11.71	100.00 5.59 -13.45	108.41 4.76 -30.36	113.81 5.69 -26.91	104.15 5.18 -27.05	107.55 6.16 -23.35	112.08 6.59 -24.19	96.45 6.05 -17.54	103.42 6.08 -22.27	100.51 5.77 -22.59	97.50 5.84 -19.51	100.20 5.71 -22.19	95.98 6.65 -8.19	104.55 6.67 -14.45	130.19 6.96 -35.17	149.02 7.05 -53.90	116.04 6.92 -21.50	105.35 7.02 -10.52	99.98 6.56 -12.45	93.31 6.09 -9.17	91.99 5.33 -14.66
ASTORIA___5 23518	129.54 6.75 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.25 5.73 -11.71	100.00 5.58 -13.45	108.41 4.76 -30.36	113.81 5.68 -26.91	104.15 5.18 -27.05	107.55 6.16 -23.35	112.08 6.58 -24.19	96.45 6.04 -17.54	103.42 6.08 -22.27	100.51 5.77 -22.59	97.50 5.84 -19.51	100.19 5.71 -22.19	95.98 6.65 -8.19	104.55 6.68 -14.45	130.19 6.96 -35.17	149.03 7.05 -53.90	116.13 7.01 -21.50	105.35 7.03 -10.52	99.98 6.56 -12.45	93.31 6.09 -9.17	91.99 5.33 -14.66
AST_ENERGY_2_CC3 323677	129.10 6.31 -35.18	107.85 5.96 -16.64	107.86 5.48 -20.56	99.01 5.48 -11.71	99.76 5.34 -13.45	108.34 4.69 -30.36	113.72 5.60 -26.91	103.93 4.96 -27.05	107.31 5.93 -23.35	111.84 6.35 -24.19	96.23 5.83 -17.54	103.20 5.86 -22.27	100.30 5.56 -22.59	97.29 5.63 -19.51	99.97 5.49 -22.19	95.66 6.33 -8.19	104.04 6.17 -14.44	129.64 6.43 -35.15	148.47 6.52 -53.88	115.49 6.39 -21.48	104.72 6.41 -10.52	99.40 5.99 -12.44	92.84 5.62 -9.16	91.55 4.90 -14.65
AST_ENERGY_2_CC4 323678	129.10 6.31 -35.18	107.85 5.96 -16.64	107.86 5.48 -20.56	99.01 5.48 -11.71	99.76 5.34 -13.45	108.34 4.69 -30.36	113.72 5.60 -26.91	103.93 4.96 -27.05	107.31 5.93 -23.35	111.84 6.35 -24.19	96.23 5.83 -17.54	103.20 5.86 -22.27	100.30 5.56 -22.59	97.29 5.63 -19.51	99.97 5.49 -22.19	95.66 6.33 -8.19	104.04 6.17 -14.44	129.64 6.43 -35.15	148.47 6.52 -53.88	115.49 6.39 -21.48	104.72 6.41 -10.52	99.40 5.99 -12.44	92.84 5.62 -9.16	91.55 4.90 -14.65

ATHENS_STG_1 23668	130.22 4.03 -38.57	107.41 3.92 -18.24	108.13 3.77 -22.55	98.42 3.77 -12.84	99.44 3.73 -14.74	109.94 3.37 -33.29	114.46 3.74 -29.51	104.82 3.24 -29.66	107.46 3.82 -25.61	111.89 4.06 -26.53	95.79 3.71 -19.22	103.30 3.83 -24.40	100.52 3.61 -24.77	97.15 3.61 -21.39	100.17 3.54 -24.33	94.07 3.97 -8.96	103.27 4.00 -15.84	129.23 4.31 -36.85	149.78 4.31 -57.39	113.77 4.29 -21.86	102.94 4.30 -10.84	97.80 3.89 -12.95	90.78 3.67 -9.06	91.32 3.24 -16.07
ATHENS_STG_2 23670	130.22 4.03 -38.57	107.41 3.92 -18.24	108.13 3.77 -22.55	98.42 3.77 -12.84	99.44 3.73 -14.74	109.94 3.37 -33.29	114.46 3.74 -29.51	104.82 3.24 -29.66	107.46 3.82 -25.61	111.89 4.06 -26.53	95.79 3.71 -19.22	103.30 3.83 -24.40	100.52 3.61 -24.77	97.15 3.61 -21.39	100.17 3.54 -24.33	94.07 3.97 -8.96	103.27 4.00 -15.84	129.23 4.31 -36.85	149.78 4.31 -57.39	113.77 4.29 -21.86	102.94 4.30 -10.84	97.80 3.89 -12.95	90.78 3.67 -9.06	91.32 3.24 -16.07
ATHENS_STG_3 23677	130.22 4.03 -38.57	107.41 3.92 -18.24	108.13 3.77 -22.55	98.42 3.77 -12.84	99.44 3.73 -14.74	109.94 3.37 -33.29	114.46 3.74 -29.51	104.82 3.24 -29.66	107.46 3.82 -25.61	111.89 4.06 -26.53	95.79 3.71 -19.22	103.30 3.83 -24.40	100.52 3.61 -24.77	97.15 3.61 -21.39	100.17 3.54 -24.33	94.07 3.97 -8.96	103.27 4.00 -15.84	129.23 4.31 -36.85	149.78 4.31 -57.39	113.77 4.29 -21.86	102.94 4.30 -10.84	97.80 3.89 -12.95	90.78 3.67 -9.06	91.32 3.24 -16.07
AUBURN__LFGE 323710	91.72 -0.35 -4.46	86.67 -0.68 -2.11	83.69 -0.74 -2.61	82.56 -0.74 -1.48	81.94 -0.73 -1.70	76.47 -0.66 -3.85	84.30 -0.32 -3.41	74.84 -0.50 -3.43	80.45 -0.55 -2.96	83.96 -0.41 -3.07	74.64 -0.44 -2.22	77.36 -0.53 -2.82	74.75 -0.72 -3.33	74.33 -0.65 -2.83	74.61 -0.51 -2.82	82.07 -0.41 -1.34	85.55 -0.25 -2.37	92.99 0.09 -4.84	95.18 0.09 -7.02	90.08 -0.35 -2.81	88.99 -0.18 -1.37	81.93 -0.65 -1.61	78.56 -0.70 -1.21	73.21 -0.65 -1.86
BABYLON_RES_REC 323704	144.10 7.80 -48.69	137.45 7.41 -44.79	128.34 6.87 -39.65	120.59 6.87 -31.90	120.67 6.80 -32.90	115.96 6.01 -36.67	135.49 7.06 -47.21	140.50 6.25 -62.33	146.76 7.17 -61.55	146.29 7.64 -57.35	136.79 7.00 -56.94	126.22 7.05 -44.10	119.22 6.71 -40.36	118.99 6.78 -40.06	101.60 6.72 -22.58	132.82 7.71 -43.97	149.06 7.76 -57.88	175.37 8.28 -79.03	177.86 8.28 -81.51	155.78 8.23 -59.93	146.84 8.25 -50.80	136.16 7.53 -47.66	118.39 7.10 -33.24	93.91 6.26 -15.65
BABYLON__69_KV_BK2 356345	145.15 8.85 -48.69	138.39 8.35 -44.79	129.32 7.85 -39.65	121.49 7.77 -31.90	121.56 7.69 -32.90	116.77 6.82 -36.67	136.38 7.96 -47.21	141.36 7.12 -62.33	147.70 8.12 -61.55	147.27 8.62 -57.35	137.67 7.87 -56.94	127.12 7.96 -44.10	120.09 7.58 -40.36	119.86 7.65 -40.06	102.47 7.59 -22.58	133.79 8.68 -43.97	150.06 8.76 -57.88	176.43 9.33 -79.03	179.01 9.42 -81.51	156.74 9.20 -59.93	147.90 9.31 -50.80	137.05 8.42 -47.66	119.25 7.96 -33.24	94.78 7.13 -15.65
BALL_HILL_WT_PWR 323825	85.89 -7.54 -5.81	80.49 -7.50 -2.75	77.85 -7.36 -3.39	76.47 -7.28 -1.93	75.90 -7.29 -2.22	71.92 -6.38 -5.01	78.92 -6.74 -4.44	68.62 -7.77 -4.47	68.21 -8.19 1.63	68.24 -7.16 5.91	62.08 -6.48 4.29	62.81 -7.35 4.90	62.53 -7.72 1.90	62.74 -7.65 1.76	60.07 -7.52 4.70	73.01 -8.60 -0.47	75.32 -8.93 -0.82	81.05 -9.25 -2.23	87.78 -9.07 -8.77	82.47 -8.68 -3.53	81.09 -8.52 -1.80	74.43 -8.66 -2.12	72.09 -7.57 -1.61	68.23 -6.19 -2.42
BARON_WINDS__WT_PWR 323822	90.27 -5.08 -7.74	83.79 -5.11 -3.66	81.35 -4.99 -4.52	79.40 -4.99 -2.57	78.74 -5.18 -2.96	75.35 -4.61 -6.68	82.34 -4.79 -5.92	72.62 -5.25 -5.95	49.43 -5.69 22.91	30.61 -5.21 45.49	35.19 -4.66 33.00	30.69 -5.41 38.97	47.08 -5.70 19.37	48.70 -5.70 17.75	28.96 -5.50 37.84	75.50 -5.92 -0.29	78.15 -5.76 -0.48	74.96 -5.55 7.56	94.29 -5.46 -11.67	87.66 -4.90 -4.94	85.15 -5.09 -2.44	78.49 -5.35 -2.87	75.25 -5.00 -2.20	70.91 -4.32 -3.22
BARRETT_IC_1 23704	143.32 7.01 -48.69	136.69 6.65 -44.79	127.86 6.39 -39.65	120.19 6.46 -31.91	120.19 6.32 -32.90	115.68 5.72 -36.67	134.76 6.34 -47.21	139.78 5.54 -62.33	146.06 6.47 -61.55	145.56 6.91 -57.35	135.92 6.12 -56.94	125.39 6.23 -44.10	118.43 5.92 -40.36	118.13 5.92 -40.06	100.66 5.79 -22.58	131.84 6.73 -43.97	148.06 6.75 -57.88	174.32 7.22 -79.03	176.89 7.31 -81.51	154.81 7.27 -59.93	145.88 7.28 -50.80	135.27 6.64 -47.66	117.45 6.16 -33.24	93.06 5.40 -15.65
BARRETT_IC_10 23701	143.32 7.01 -48.69	136.69 6.65 -44.79	127.86 6.39 -39.65	120.19 6.46 -31.91	120.19 6.32 -32.90	115.68 5.72 -36.67	134.76 6.34 -47.21	139.78 5.54 -62.33	146.06 6.47 -61.55	145.56 6.91 -57.35	135.92 6.12 -56.94	125.39 6.23 -44.10	118.43 5.92 -40.36	118.13 5.92 -40.06	100.66 5.79 -22.58	131.84 6.73 -43.97	148.06 6.75 -57.88	174.32 7.22 -79.03	176.89 7.31 -81.51	154.81 7.27 -59.93	145.88 7.28 -50.80	135.27 6.64 -47.66	117.45 6.16 -33.24	93.06 5.40 -15.65
BARRETT_IC_11 23702	143.32 7.01 -48.69	136.69 6.65 -44.79	127.86 6.39 -39.65	120.19 6.46 -31.91	120.19 6.32 -32.90	115.68 5.72 -36.67	134.76 6.34 -47.21	139.78 5.54 -62.33	146.06 6.47 -61.55	145.56 6.91 -57.35	135.92 6.12 -56.94	125.39 6.23 -44.10	118.43 5.92 -40.36	118.13 5.92 -40.06	100.66 5.79 -22.58	131.84 6.73 -43.97	148.06 6.75 -57.88	174.32 7.22 -79.03	176.89 7.31 -81.51	154.81 7.27 -59.93	145.88 7.28 -50.80	135.27 6.64 -47.66	117.45 6.16 -33.24	93.06 5.40 -15.65
BARRETT_IC_12 23703	143.32 7.01 -48.69	136.69 6.65 -44.79	127.86 6.39 -39.65	120.19 6.46 -31.91	120.19 6.32 -32.90	115.68 5.72 -36.67	134.76 6.34 -47.21	139.78 5.54 -62.33	146.06 6.47 -61.55	145.56 6.91 -57.35	135.92 6.12 -56.94	125.39 6.23 -44.10	118.43 5.92 -40.36	118.13 5.92 -40.06	100.66 5.79 -22.58	131.84 6.73 -43.97	148.06 6.75 -57.88	174.32 7.22 -79.03	176.89 7.31 -81.51	154.81 7.27 -59.93	145.88 7.28 -50.80	135.27 6.64 -47.66	117.45 6.16 -33.24	93.06 5.40 -15.65
BARRETT_IC_2 23705	143.32 7.01 -48.69	136.69 6.65 -44.79	127.86 6.39 -39.65	120.19 6.46 -31.91	120.19 6.32 -32.90	115.68 5.72 -36.67	134.76 6.34 -47.21	139.78 5.54 -62.33	146.06 6.47 -61.55	145.56 6.91 -57.35	135.92 6.12 -56.94	125.39 6.23 -44.10	118.43 5.92 -40.36	118.13 5.92 -40.06	100.66 5.79 -22.58	131.84 6.73 -43.97	148.06 6.75 -57.88	174.32 7.22 -79.03	176.89 7.31 -81.51	154.81 7.27 -59.93	145.88 7.28 -50.80	135.27 6.64 -47.66	117.45 6.16 -33.24	93.06 5.40 -15.65
BARRETT_IC_3 23706	143.32 7.01 -48.69	136.69 6.65 -44.79	127.86 6.39 -39.65	120.19 6.46 -31.91	120.19 6.32 -32.90	115.68 5.72 -36.67	134.76 6.34 -47.21	139.78 5.54 -62.33	146.06 6.47 -61.55	145.56 6.91 -57.35	135.92 6.12 -56.94	125.39 6.23 -44.10	118.43 5.92 -40.36	118.13 5.92 -40.06	100.66 5.79 -22.58	131.84 6.73 -43.97	148.06 6.75 -57.88	174.32 7.22 -79.03	176.89 7.31 -81.51	154.81 7.27 -59.93	145.88 7.28 -50.80	135.27 6.64 -47.66	117.45 6.16 -33.24	93.06 5.40 -15.65
BARRETT_IC_4 23707	143.32 7.01 -48.69	136.69 6.65 -44.79	127.86 6.39 -39.65	120.19 6.46 -31.91	120.19 6.32 -32.90	115.68 5.72 -36.67	134.76 6.34 -47.21	139.78 5.54 -62.33	146.06 6.47 -61.55	145.56 6.91 -57.35	135.92 6.12 -56.94	125.39 6.23 -44.10	118.43 5.92 -40.36	118.13 5.92 -40.06	100.66 5.79 -22.58	131.84 6.73 -43.97	148.06 6.75 -57.88	174.32 7.22 -79.03	176.89 7.31 -81.51	154.81 7.27 -59.93	145.88 7.28 -50.80	135.27 6.64 -47.66	117.45 6.16 -33.24	93.06 5.40 -15.65

BARRETT_IC_5 23708	143.32 7.01 -48.69	136.69 6.65 -44.79	127.86 6.39 -39.65	120.19 6.46 -31.91	120.19 6.32 -32.90	115.68 5.72 -36.67	134.76 6.34 -47.21	139.78 5.54 -62.33	146.06 6.47 -61.55	145.56 6.91 -57.35	135.92 6.12 -56.94	125.39 6.23 -44.10	118.43 5.92 -40.36	118.13 5.92 -40.06	100.66 5.79 -22.58	131.84 6.73 -43.97	148.06 6.75 -57.88	174.32 7.22 -79.03	176.89 7.31 -81.51	154.81 7.27 -59.93	145.88 7.28 -50.80	135.27 6.64 -47.66	117.45 6.16 -33.24	93.06 5.40 -15.65
BARRETT_IC_6 23709	143.32 7.01 -48.69	136.69 6.65 -44.79	127.86 6.39 -39.65	120.19 6.46 -31.91	120.19 6.32 -32.90	115.68 5.72 -36.67	134.76 6.34 -47.21	139.78 5.54 -62.33	146.06 6.47 -61.55	145.56 6.91 -57.35	135.92 6.12 -56.94	125.39 6.23 -44.10	118.43 5.92 -40.36	118.13 5.92 -40.06	100.66 5.79 -22.58	131.84 6.73 -43.97	148.06 6.75 -57.88	174.32 7.22 -79.03	176.89 7.31 -81.51	154.81 7.27 -59.93	145.88 7.28 -50.80	135.27 6.64 -47.66	117.45 6.16 -33.24	93.06 5.40 -15.65
BARRETT_IC_7 23710	143.31 7.01 -48.69	136.68 6.65 -44.79	127.85 6.38 -39.65	120.18 6.46 -31.90	120.19 6.32 -32.90	115.67 5.72 -36.67	134.76 6.33 -47.21	139.78 5.54 -62.33	146.06 6.48 -61.55	145.56 6.91 -57.35	135.92 6.12 -56.94	125.39 6.23 -44.10	118.43 5.92 -40.36	118.13 5.92 -40.06	100.66 5.78 -22.58	131.84 6.73 -43.97	148.14 6.84 -57.88	174.32 7.22 -79.03	176.89 7.31 -81.51	154.73 7.18 -59.93	145.88 7.29 -50.80	135.19 6.56 -47.66	117.45 6.17 -33.24	93.05 5.40 -15.65
BARRETT_IC_8 23711	143.32 7.01 -48.69	136.69 6.65 -44.79	127.86 6.39 -39.65	120.19 6.46 -31.91	120.19 6.32 -32.90	115.68 5.72 -36.67	134.76 6.34 -47.21	139.78 5.54 -62.33	146.06 6.47 -61.55	145.56 6.91 -57.35	135.92 6.12 -56.94	125.39 6.23 -44.10	118.43 5.92 -40.36	118.13 5.92 -40.06	100.66 5.79 -22.58	131.84 6.73 -43.97	148.06 6.75 -57.88	174.32 7.22 -79.03	176.89 7.31 -81.51	154.81 7.27 -59.93	145.88 7.28 -50.80	135.27 6.64 -47.66	117.45 6.16 -33.24	93.06 5.40 -15.65
BARRETT_IC_9 23700	143.32 7.01 -48.69	136.69 6.65 -44.79	127.86 6.39 -39.65	120.19 6.46 -31.91	120.19 6.32 -32.90	115.68 5.72 -36.67	134.76 6.34 -47.21	139.78 5.54 -62.33	146.06 6.47 -61.55	145.56 6.91 -57.35	135.92 6.12 -56.94	125.39 6.23 -44.10	118.43 5.92 -40.36	118.13 5.92 -40.06	100.66 5.79 -22.58	131.84 6.73 -43.97	148.06 6.75 -57.88	174.32 7.22 -79.03	176.89 7.31 -81.51	154.81 7.27 -59.93	145.88 7.28 -50.80	135.27 6.64 -47.66	117.45 6.16 -33.24	93.06 5.40 -15.65
BARRETT___1 23545	143.32 7.01 -48.69	136.69 6.65 -44.79	127.86 6.39 -39.65	120.19 6.46 -31.91	120.19 6.32 -32.90	115.68 5.72 -36.67	134.76 6.34 -47.21	139.78 5.54 -62.33	146.06 6.47 -61.55	145.56 6.91 -57.35	135.92 6.12 -56.94	125.39 6.23 -44.10	118.43 5.92 -40.36	118.13 5.92 -40.06	100.66 5.79 -22.58	131.84 6.73 -43.97	148.06 6.75 -57.88	174.32 7.22 -79.03	176.89 7.31 -81.51	154.81 7.27 -59.93	145.88 7.28 -50.80	135.27 6.64 -47.66	117.45 6.16 -33.24	93.06 5.40 -15.65
BARRETT___2 23546	143.32 7.01 -48.69	136.69 6.65 -44.79	127.86 6.39 -39.65	120.19 6.46 -31.91	120.19 6.32 -32.90	115.68 5.72 -36.67	134.76 6.34 -47.21	139.78 5.54 -62.33	146.06 6.47 -61.55	145.56 6.91 -57.35	135.92 6.12 -56.94	125.39 6.23 -44.10	118.43 5.92 -40.36	118.13 5.92 -40.06	100.66 5.79 -22.58	131.84 6.73 -43.97	148.06 6.75 -57.88	174.32 7.22 -79.03	176.89 7.31 -81.51	154.81 7.27 -59.93	145.88 7.28 -50.80	135.27 6.64 -47.66	117.45 6.16 -33.24	93.06 5.40 -15.65
BATAVIA__115KV_TB1 55881	87.79 -4.82 -4.99	82.23 -5.37 -2.36	79.58 -5.15 -2.92	78.41 -5.07 -1.66	77.86 -5.02 -1.91	73.13 -4.47 -4.31	80.41 -4.63 -3.82	70.01 -5.75 -3.84	72.96 -5.54 -0.47	74.17 -5.53 1.60	66.37 -5.32 1.17	68.53 -5.25 1.29	66.26 -5.92 -0.02	66.33 -5.77 0.05	65.75 -5.35 1.19	75.15 -6.49 -0.50	77.72 -6.59 -0.88	84.68 -6.34 -2.95	89.27 -6.34 -7.53	83.39 -7.27 -3.04	82.92 -6.41 -1.53	75.81 -6.96 -1.81	73.48 -5.93 -1.36	69.62 -4.46 -2.08
BAYONEEC___CTG1 323682	129.18 6.39 -35.18	107.93 6.05 -16.64	107.95 5.57 -20.56	99.09 5.57 -11.71	99.92 5.51 -13.45	108.40 4.76 -30.36	113.81 5.68 -26.91	104.08 5.11 -27.05	107.48 6.09 -23.35	112.00 6.51 -24.19	96.38 5.98 -17.54	103.34 6.01 -22.27	100.44 5.70 -22.59	97.43 5.77 -19.51	100.05 5.57 -22.19	95.73 6.41 -8.19	104.13 6.26 -14.44	129.75 6.52 -35.16	148.58 6.61 -53.90	115.69 6.57 -21.50	104.91 6.59 -10.52	99.57 6.15 -12.45	93.00 5.78 -9.17	91.77 5.11 -14.66
BAYONEEC___CTG10 323750	129.18 6.39 -35.18	107.93 6.05 -16.64	107.95 5.57 -20.56	99.09 5.57 -11.71	99.92 5.51 -13.45	108.40 4.76 -30.36	113.81 5.68 -26.91	104.08 5.11 -27.05	107.48 6.09 -23.35	112.00 6.51 -24.19	96.38 5.98 -17.54	103.34 6.01 -22.27	100.44 5.70 -22.59	97.43 5.77 -19.51	100.05 5.57 -22.19	95.73 6.41 -8.19	104.13 6.26 -14.44	129.75 6.52 -35.16	148.58 6.61 -53.90	115.69 6.57 -21.50	104.91 6.59 -10.52	99.57 6.15 -12.45	93.00 5.78 -9.17	91.77 5.11 -14.66
BAYONEEC___CTG2 323683	129.18 6.39 -35.18	107.93 6.05 -16.64	107.95 5.57 -20.56	99.09 5.57 -11.71	99.92 5.51 -13.45	108.40 4.76 -30.36	113.81 5.68 -26.91	104.08 5.11 -27.05	107.48 6.09 -23.35	112.00 6.51 -24.19	96.38 5.98 -17.54	103.34 6.01 -22.27	100.44 5.70 -22.59	97.43 5.77 -19.51	100.05 5.57 -22.19	95.73 6.41 -8.19	104.13 6.26 -14.44	129.75 6.52 -35.16	148.58 6.61 -53.90	115.69 6.57 -21.50	104.91 6.59 -10.52	99.57 6.15 -12.45	93.00 5.78 -9.17	91.77 5.11 -14.66
BAYONEEC___CTG3 323684	129.18 6.39 -35.18	107.93 6.05 -16.64	107.95 5.57 -20.56	99.09 5.57 -11.71	99.92 5.51 -13.45	108.40 4.76 -30.36	113.81 5.68 -26.91	104.08 5.11 -27.05	107.48 6.09 -23.35	112.00 6.51 -24.19	96.38 5.98 -17.54	103.34 6.01 -22.27	100.44 5.70 -22.59	97.43 5.77 -19.51	100.05 5.57 -22.19	95.73 6.41 -8.19	104.13 6.26 -14.44	129.75 6.52 -35.16	148.58 6.61 -53.90	115.69 6.57 -21.50	104.91 6.59 -10.52	99.57 6.15 -12.45	93.00 5.78 -9.17	91.77 5.11 -14.66
BAYONEEC___CTG4 323685	129.18 6.39 -35.18	107.93 6.05 -16.64	107.95 5.57 -20.56	99.09 5.57 -11.71	99.92 5.51 -13.45	108.40 4.76 -30.36	113.81 5.68 -26.91	104.08 5.11 -27.05	107.48 6.09 -23.35	112.00 6.51 -24.19	96.38 5.98 -17.54	103.34 6.01 -22.27	100.44 5.70 -22.59	97.43 5.77 -19.51	100.05 5.57 -22.19	95.73 6.41 -8.19	104.13 6.26 -14.44	129.75 6.52 -35.16	148.58 6.61 -53.90	115.69 6.57 -21.50	104.91 6.59 -10.52	99.57 6.15 -12.45	93.00 5.78 -9.17	91.77 5.11 -14.66
BAYONEEC___CTG5 323686	129.18 6.39 -35.18	107.93 6.05 -16.64	107.95 5.57 -20.56	99.09 5.57 -11.71	99.92 5.51 -13.45	108.40 4.76 -30.36	113.81 5.68 -26.91	104.08 5.11 -27.05	107.48 6.09 -23.35	112.00 6.51 -24.19	96.38 5.98 -17.54	103.34 6.01 -22.27	100.44 5.70 -22.59	97.43 5.77 -19.51	100.05 5.57 -22.19	95.73 6.41 -8.19	104.13 6.26 -14.44	129.75 6.52 -35.16	148.58 6.61 -53.90	115.69 6.57 -21.50	104.91 6.59 -10.52	99.57 6.15 -12.45	93.00 5.78 -9.17	91.77 5.11 -14.66
BAYONEEC___CTG6 323687	129.18 6.39 -35.18	107.93 6.05 -16.64	107.95 5.57 -20.56	99.09 5.57 -11.71	99.92 5.51 -13.45	108.40 4.76 -30.36	113.81 5.68 -26.91	104.08 5.11 -27.05	107.48 6.09 -23.35	112.00 6.51 -24.19	96.38 5.98 -17.54	103.34 6.01 -22.27	100.44 5.70 -22.59	97.43 5.77 -19.51	100.05 5.57 -22.19	95.73 6.41 -8.19	104.13 6.26 -14.44	129.75 6.52 -35.16	148.58 6.61 -53.90	115.69 6.57 -21.50	104.91 6.59 -10.52	99.57 6.15 -12.45	93.00 5.78 -9.17	91.77 5.11 -14.66

BAYONEEC___CTG7 323688	129.18 6.39 -35.18	107.93 6.05 -16.64	107.95 5.57 -20.56	99.09 5.57 -11.71	99.92 5.51 -13.45	108.40 4.76 -30.36	113.81 5.68 -26.91	104.08 5.11 -27.05	107.48 6.09 -23.35	112.00 6.51 -24.19	96.38 5.98 -17.54	103.34 6.01 -22.27	100.44 5.70 -22.59	97.43 5.77 -19.51	100.05 5.57 -22.19	95.73 6.41 -8.19	104.13 6.26 -14.44	129.75 6.52 -35.16	148.58 6.61 -53.90	115.69 6.57 -21.50	104.91 6.59 -10.52	99.57 6.15 -12.45	93.00 5.78 -9.17	91.77 5.11 -14.66
BAYONEEC___CTG8 323689	129.18 6.39 -35.18	107.93 6.05 -16.64	107.95 5.57 -20.56	99.09 5.57 -11.71	99.92 5.51 -13.45	108.40 4.76 -30.36	113.81 5.68 -26.91	104.08 5.11 -27.05	107.48 6.09 -23.35	112.00 6.51 -24.19	96.38 5.98 -17.54	103.34 6.01 -22.27	100.44 5.70 -22.59	97.43 5.77 -19.51	100.05 5.57 -22.19	95.73 6.41 -8.19	104.13 6.26 -14.44	129.75 6.52 -35.16	148.58 6.61 -53.90	115.69 6.57 -21.50	104.91 6.59 -10.52	99.57 6.15 -12.45	93.00 5.78 -9.17	91.77 5.11 -14.66
BAYONEEC___CTG9 323749	129.18 6.39 -35.18	107.93 6.05 -16.64	107.95 5.57 -20.56	99.09 5.57 -11.71	99.92 5.51 -13.45	108.40 4.76 -30.36	113.81 5.68 -26.91	104.08 5.11 -27.05	107.48 6.09 -23.35	112.00 6.51 -24.19	96.38 5.98 -17.54	103.34 6.01 -22.27	100.44 5.70 -22.59	97.43 5.77 -19.51	100.05 5.57 -22.19	95.73 6.41 -8.19	104.13 6.26 -14.44	129.75 6.52 -35.16	148.58 6.61 -53.90	115.69 6.57 -21.50	104.91 6.59 -10.52	99.57 6.15 -12.45	93.00 5.78 -9.17	91.77 5.11 -14.66
BEACON___LESR 323632	134.89 4.38 -42.90	109.54 4.01 -20.29	110.58 3.69 -25.07	99.86 3.77 -14.28	101.09 3.73 -16.40	113.82 3.52 -37.02	118.01 3.98 -32.81	108.15 3.24 -32.99	110.26 3.75 -28.48	114.79 3.98 -29.50	97.73 3.50 -21.37	105.66 3.45 -27.14	102.95 3.25 -27.55	99.19 3.25 -23.79	102.82 3.47 -27.06	95.24 4.14 -9.97	105.21 4.17 -17.62	157.13 4.31 -64.75	179.98 4.31 -87.59	140.00 4.29 -48.09	113.88 4.30 -21.78	109.14 3.97 -24.20	106.05 4.13 -23.86	93.76 3.89 -17.88
BEAVER RIVER___HYD 24048	89.34 0.44 -1.28	86.10 0.26 -0.61	82.57 0.00 -0.75	82.33 0.08 -0.43	81.62 0.16 -0.49	74.46 0.07 -1.10	82.20 0.00 -0.98	73.12 0.22 -0.98	79.12 0.23 -0.85	82.18 0.00 -0.88	73.71 0.22 -0.64	76.10 0.23 -0.81	73.19 0.22 -0.82	73.08 0.22 -0.71	73.25 0.14 -0.81	82.01 0.57 -0.30	85.03 1.08 -0.53	90.00 1.23 -0.70	90.87 1.40 -1.39	88.88 1.06 -0.21	88.64 0.70 -0.15	81.59 0.41 -0.22	78.29 0.23 0.00	72.53 0.00 -0.53
BEEBEE_GT_13 23619	88.83 -3.07 -4.28	83.69 -3.58 -2.02	80.96 -3.35 -2.50	79.89 -3.35 -1.42	79.36 -3.24 -1.64	73.97 -3.00 -3.69	81.48 -3.00 -3.27	71.54 -3.67 -3.29	76.89 -3.98 -2.84	79.86 -4.39 -2.94	70.76 -4.23 -2.13	73.87 -3.90 -2.71	69.84 -4.33 -2.02	69.64 -3.83 -1.82	71.15 -4.14 -2.69	77.52 -4.17 -0.52	80.16 -4.14 -0.91	85.84 -3.88 -1.91	88.68 -4.64 -4.48	83.69 -4.30 -0.71	83.99 -4.43 -0.49	77.15 -4.53 -0.72	74.07 -3.98 0.00	70.76 -3.02 -1.78
BENSHRST_27_KV_BENSHRST_1 355998	130.04 7.18 -35.23	124.90 6.65 -33.01	124.72 6.05 -36.85	99.64 6.05 -11.76	100.30 5.83 -13.50	108.76 5.06 -30.41	121.25 6.09 -33.94	104.87 5.47 -27.49	126.76 6.63 -42.09	133.68 7.07 -45.30	116.07 6.48 -36.72	127.65 6.61 -45.98	122.57 6.20 -44.21	118.75 6.28 -40.33	123.34 6.14 -44.90	120.80 7.22 -32.44	130.47 7.26 -39.78	159.23 7.75 -63.42	207.28 7.84 -111.36	171.42 7.71 -76.09	128.54 7.81 -32.93	124.01 7.21 -35.84	112.89 6.56 -28.28	111.54 5.76 -33.78
BETHLEHEM___GRP 23843	133.26 2.72 -42.93	107.76 2.22 -20.31	109.04 2.13 -25.09	98.23 2.13 -14.29	99.48 2.11 -16.41	112.31 1.98 -37.05	116.25 2.19 -32.84	106.80 1.87 -33.01	108.64 2.11 -28.50	113.10 2.28 -29.52	96.29 2.04 -21.39	104.25 2.03 -27.16	101.74 2.02 -27.57	97.98 2.02 -23.81	101.47 2.10 -27.08	93.71 2.60 -9.97	103.56 2.50 -17.63	154.62 2.47 -64.09	177.49 2.47 -86.94	137.39 2.37 -47.41	111.76 2.46 -21.50	107.16 2.27 -23.92	104.17 2.65 -23.47	92.48 2.59 -17.89
BETHLEHEM___GS1 323560	133.26 2.72 -42.93	107.76 2.21 -20.31	109.03 2.12 -25.09	98.23 2.12 -14.29	99.48 2.10 -16.41	112.31 1.98 -37.05	116.25 2.19 -32.84	106.80 1.87 -33.01	108.64 2.11 -28.50	113.10 2.27 -29.52	96.28 2.04 -21.39	104.25 2.03 -27.16	101.74 2.02 -27.57	97.97 2.02 -23.81	101.47 2.10 -27.08	93.78 2.67 -9.97	103.64 2.59 -17.63	154.62 2.46 -64.09	177.48 2.46 -86.94	137.39 2.37 -47.41	111.76 2.45 -21.50	107.24 2.35 -23.92	104.17 2.66 -23.47	92.48 2.59 -17.89
BETHLEHEM___GS2 323561	133.26 2.72 -42.93	107.76 2.21 -20.31	109.03 2.12 -25.09	98.23 2.12 -14.29	99.48 2.10 -16.41	112.31 1.98 -37.05	116.25 2.19 -32.84	106.80 1.87 -33.01	108.64 2.11 -28.50	113.10 2.27 -29.52	96.28 2.04 -21.39	104.25 2.03 -27.16	101.74 2.02 -27.57	97.97 2.02 -23.81	101.47 2.10 -27.08	93.78 2.67 -9.97	103.64 2.59 -17.63	154.62 2.46 -64.09	177.48 2.46 -86.94	137.39 2.37 -47.41	111.76 2.45 -21.50	107.24 2.35 -23.92	104.17 2.66 -23.47	92.48 2.59 -17.89
BETHLEHEM___GS3 323562	133.26 2.72 -42.93	107.76 2.21 -20.31	109.03 2.12 -25.09	98.23 2.12 -14.29	99.48 2.10 -16.41	112.31 1.98 -37.05	116.25 2.19 -32.84	106.80 1.87 -33.01	108.64 2.11 -28.50	113.10 2.27 -29.52	96.28 2.04 -21.39	104.25 2.03 -27.16	101.74 2.02 -27.57	97.97 2.02 -23.81	101.47 2.10 -27.08	93.78 2.67 -9.97	103.64 2.59 -17.63	154.62 2.46 -64.09	177.48 2.46 -86.94	137.39 2.37 -47.41	111.76 2.45 -21.50	107.24 2.35 -23.92	104.17 2.66 -23.47	92.48 2.59 -17.89
BETHLEHEM___STEEL 23779	86.23 -7.18 -5.80	80.40 -7.59 -2.74	77.84 -7.36 -3.39	76.47 -7.28 -1.93	75.82 -7.37 -2.22	71.84 -6.45 -5.01	78.75 -6.90 -4.44	68.54 -7.84 -4.46	68.42 -8.35 1.26	68.77 -7.32 5.22	62.44 -6.63 3.79	63.16 -7.58 4.33	62.63 -7.94 1.58	62.87 -7.79 1.49	60.41 -7.74 4.14	72.86 -8.76 -0.48	75.09 -9.18 -0.84	80.98 -9.51 -2.42	87.42 -9.42 -8.76	81.33 -9.81 -3.53	80.82 -8.78 -1.80	73.69 -9.39 -2.12	71.93 -7.73 -1.60	68.08 -6.34 -2.42
BETHLHEM_115KV_TB1 79974	133.31 2.80 -42.89	107.92 2.39 -20.29	109.18 2.29 -25.07	98.38 2.29 -14.28	99.63 2.27 -16.40	112.43 2.13 -37.02	116.38 2.36 -32.81	106.92 2.01 -32.98	108.77 2.26 -28.48	113.24 2.44 -29.50	96.42 2.19 -21.37	104.38 2.18 -27.14	101.86 2.16 -27.54	98.10 2.16 -23.79	101.59 2.24 -27.06	93.86 2.76 -9.97	103.71 2.67 -17.61	153.29 2.64 -62.58	176.13 2.64 -85.42	136.07 2.54 -45.91	111.32 2.63 -20.89	106.70 2.43 -23.30	103.39 2.73 -22.60	92.47 2.59 -17.88
BETHPAGE_CC_5 323564	143.40 7.09 -48.69	136.77 6.73 -44.79	127.77 6.30 -39.65	120.02 6.30 -31.90	120.02 6.15 -32.90	115.45 5.50 -36.67	134.84 6.41 -47.21	139.92 5.68 -62.33	146.22 6.63 -61.55	145.72 7.07 -57.35	136.28 6.48 -56.94	125.69 6.53 -44.10	118.78 6.27 -40.36	118.48 6.27 -40.06	101.02 6.14 -22.58	132.25 7.14 -43.97	148.48 7.18 -57.88	174.67 7.57 -79.03	177.24 7.66 -81.51	155.16 7.62 -59.93	146.23 7.63 -50.80	135.60 6.96 -47.66	117.76 6.47 -33.24	93.34 5.69 -15.65
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	86.14 -7.36 -5.88	80.27 -7.76 -2.78	77.73 -7.53 -3.44	76.33 -7.45 -1.96	75.69 -7.53 -2.25	71.77 -6.60 -5.08	78.65 -7.07 -4.50	68.46 -7.98 -4.52	68.62 -8.51 0.91	69.61 -7.07 4.62	63.17 -6.34 3.35	63.76 -7.51 3.80	62.96 -7.86 1.32	63.19 -7.72 1.24	60.92 -7.74 3.63	72.78 -8.84 -0.48	75.09 -9.18 -0.84	81.29 -9.42 -2.65	87.54 -9.42 -8.89	81.48 -9.73 -3.59	81.02 -8.60 -1.83	73.73 -9.39 -2.15	72.03 -7.65 -1.63	68.04 -6.41 -2.45

BINGHAMTON___COGEN 23790	98.66 -0.26 -11.31	90.08 -0.51 -5.35	87.94 -0.49 -6.61	85.01 -0.57 -3.76	84.72 -0.57 -4.32	82.53 -0.51 -9.76	89.54 -0.32 -8.65	79.97 -0.65 -8.70	84.92 -0.62 -7.51	89.00 -0.08 -7.78	78.35 -0.15 -5.63	81.85 -0.38 -7.15	78.24 -0.58 -6.67	77.39 -0.58 -5.82	78.84 -0.58 -7.12	82.73 -0.65 -2.24	86.88 -0.50 -3.95	99.52 -0.26 -11.71	105.82 -0.26 -18.01	94.78 -0.53 -7.68	91.25 -0.26 -3.71	84.50 -0.81 -4.34	80.84 -0.62 -3.42	76.14 -0.58 -4.71
BIXINCNT_115KV_LOAD 355685	84.32 -9.55 -6.26	78.31 -9.89 -2.96	75.82 -9.65 -3.66	74.33 -9.57 -2.08	73.97 -9.39 -2.39	70.04 -8.65 -5.40	76.66 -9.34 -4.79	66.73 -10.00 -4.81	68.20 -10.77 -0.94	71.37 -8.46 1.48	64.35 -7.43 1.08	64.61 -9.38 1.07	62.50 -9.67 -0.02	62.70 -9.45 -0.01	61.78 -9.54 0.97	71.23 -10.39 -0.48	73.57 -10.68 -0.82	81.09 -10.74 -3.77	87.06 -10.48 -9.46	80.78 -10.69 -3.86	80.36 -9.39 -1.95	72.90 -10.36 -2.29	70.97 -8.82 -1.74	66.69 -7.92 -2.61
BLACK RIVER___HYD 24047	91.15 1.75 -1.79	87.45 1.36 -0.84	83.85 0.99 -1.04	83.47 1.06 -0.59	82.78 1.13 -0.68	75.78 0.95 -1.54	83.80 1.22 -1.37	74.51 1.22 -1.37	80.70 1.48 -1.19	83.75 1.22 -1.23	74.98 1.24 -0.89	77.47 1.27 -1.13	74.45 1.15 -1.15	74.29 1.15 -0.99	74.57 1.15 -1.13	83.33 1.78 -0.42	86.91 2.75 -0.73	92.21 3.17 -0.98	93.36 3.35 -1.93	90.71 2.80 -0.29	90.46 2.45 -0.21	82.97 1.70 -0.30	79.38 1.33 0.00	73.54 0.79 -0.74
BLACKRVR_115KV_TB2 79977	91.16 1.75 -1.79	87.45 1.36 -0.84	83.84 0.98 -1.04	83.48 1.06 -0.59	82.78 1.13 -0.68	75.78 0.95 -1.54	83.80 1.22 -1.37	74.52 1.22 -1.37	80.70 1.48 -1.19	83.75 1.22 -1.23	74.99 1.24 -0.89	77.47 1.28 -1.13	74.45 1.15 -1.15	74.29 1.15 -0.99	74.58 1.16 -1.13	83.34 1.78 -0.42	86.91 2.75 -0.73	92.22 3.17 -0.98	93.36 3.35 -1.93	90.71 2.80 -0.29	90.46 2.46 -0.21	82.97 1.70 -0.30	79.38 1.33 0.00	73.54 0.79 -0.74
BLISS_WT_PWR 323608	83.27 -10.60 -6.26	77.63 -10.57 -2.96	75.16 -10.31 -3.66	73.59 -10.31 -2.08	73.32 -10.04 -2.39	69.31 -9.38 -5.40	75.85 -10.15 -4.79	66.02 -10.72 -4.81	67.34 -11.63 -0.94	70.56 -9.27 1.48	63.69 -8.09 1.08	63.94 -10.06 1.07	61.78 -10.39 -0.02	61.91 -10.25 -0.01	61.13 -10.19 0.97	70.58 -11.03 -0.48	72.90 -11.35 -0.82	80.30 -11.53 -3.77	86.53 -11.01 -9.46	82.36 -9.11 -3.86	79.83 -9.92 -1.95	73.54 -9.72 -2.29	70.35 -9.45 -1.74	66.11 -8.50 -2.61
BLUESTONE___WT_PWR 323821	104.40 4.55 -12.23	95.29 4.26 -5.79	92.73 3.77 -7.15	89.66 3.77 -4.07	89.45 3.81 -4.68	87.29 3.45 -10.56	94.72 4.14 -9.36	84.78 3.45 -9.41	90.13 3.98 -8.12	93.78 4.06 -8.41	82.52 3.57 -6.10	86.34 3.53 -7.74	83.79 3.10 -8.54	82.56 3.10 -7.31	83.06 3.04 -7.73	88.16 3.73 -3.29	94.01 4.75 -5.83	109.35 5.46 -15.83	115.87 5.72 -22.08	103.69 5.43 -10.64	97.76 5.00 -4.96	90.66 4.05 -5.64	86.60 3.52 -5.04	79.98 2.88 -5.10
BLUE_CIRC_CHEM_DRP 24182	133.49 3.59 -42.28	108.56 3.32 -20.00	109.72 3.19 -24.71	99.08 3.19 -14.07	100.29 3.16 -16.16	112.70 2.93 -36.48	116.72 3.17 -32.34	107.02 2.59 -32.51	108.99 2.89 -28.07	113.39 3.01 -29.07	96.55 2.62 -21.07	104.44 2.63 -26.75	101.82 2.53 -27.15	98.12 2.53 -23.45	101.57 2.60 -26.67	94.04 3.08 -9.82	103.96 3.17 -17.36	147.42 3.35 -56.01	169.94 3.35 -78.52	130.44 3.24 -39.58	109.40 3.34 -18.27	104.68 3.08 -20.63	100.16 3.12 -18.99	92.57 2.95 -17.62
BOC_GAS_DRP 24189	133.29 2.98 -42.69	108.16 2.73 -20.19	109.47 2.70 -24.96	98.73 2.70 -14.21	99.96 2.67 -16.32	112.55 2.42 -36.84	116.56 2.68 -32.66	107.05 2.30 -32.83	109.03 2.65 -28.34	113.51 2.85 -29.36	96.68 2.55 -21.27	104.71 2.63 -27.01	102.02 2.45 -27.42	98.28 2.45 -23.68	101.76 2.53 -26.93	93.90 2.84 -9.92	103.79 2.84 -17.53	145.25 2.99 -54.19	167.99 2.99 -76.92	128.11 2.89 -37.60	108.26 2.99 -17.48	103.50 2.67 -19.86	98.51 2.65 -17.80	92.31 2.52 -17.79
BOONVILLE_115KV_TB1 79983	90.73 2.02 -1.10	87.55 1.79 -0.52	83.93 1.47 -0.64	83.74 1.55 -0.36	83.01 1.62 -0.42	75.70 1.47 -0.95	83.76 1.71 -0.84	74.27 1.51 -0.84	80.55 1.79 -0.73	83.85 1.79 -0.75	75.08 1.68 -0.55	77.49 1.73 -0.69	74.51 1.66 -0.70	74.42 1.66 -0.61	74.57 1.59 -0.69	83.42 2.03 -0.25	86.38 2.50 -0.45	91.40 2.73 -0.60	92.08 2.82 -1.19	90.25 2.45 -0.18	90.21 2.28 -0.13	82.93 1.78 -0.18	79.61 1.56 0.00	73.68 1.22 -0.46
BORALEX_4TH_BRANCH 23824	136.97 6.57 -42.78	111.79 6.31 -20.23	112.80 5.97 -25.01	102.03 5.97 -14.24	103.23 5.91 -16.35	115.55 5.35 -36.92	120.03 6.09 -32.72	110.07 5.25 -32.90	112.44 6.01 -28.40	117.15 6.42 -29.42	99.93 5.76 -21.32	107.99 5.86 -27.06	105.18 5.56 -27.47	101.43 5.56 -23.72	104.77 5.49 -26.99	97.32 6.25 -9.94	107.50 6.51 -17.57	169.67 7.05 -74.56	192.46 7.05 -97.34	152.48 6.92 -57.94	120.62 7.02 -25.80	115.53 6.32 -28.25	113.65 6.01 -29.59	95.23 5.40 -17.83
BOWLINE___1 23526	126.64 4.90 -34.12	106.06 4.69 -16.14	106.09 4.33 -19.94	97.51 4.33 -11.35	98.22 4.21 -13.04	106.46 3.74 -29.44	111.70 4.38 -26.10	102.03 3.88 -26.23	105.28 4.60 -22.65	109.73 4.96 -23.46	94.45 4.59 -17.00	101.23 4.58 -21.58	98.46 4.40 -21.91	95.47 4.40 -18.92	98.08 4.26 -21.52	94.01 4.95 -7.93	102.44 5.01 -14.01	127.44 5.28 -34.09	145.71 5.37 -52.26	113.80 5.35 -20.84	103.36 5.36 -10.20	97.90 4.86 -12.07	91.38 4.45 -8.89	90.10 3.89 -14.22
BOWLINE___2 23595	126.82 5.08 -34.12	106.15 4.77 -16.14	106.18 4.42 -19.94	97.59 4.42 -11.36	98.38 4.37 -13.04	106.61 3.88 -29.44	111.86 4.55 -26.10	102.11 3.95 -26.24	105.44 4.76 -22.65	109.89 5.13 -23.46	94.52 4.67 -17.00	101.39 4.73 -21.59	98.54 4.47 -21.91	95.55 4.47 -18.92	98.23 4.41 -21.52	94.18 5.11 -7.93	102.53 5.09 -14.01	127.62 5.46 -34.10	145.80 5.46 -52.27	113.89 5.43 -20.84	103.45 5.45 -10.20	97.98 4.94 -12.07	91.46 4.53 -8.89	90.18 3.96 -14.22
BRADY___115KV_TB2 356060	87.27 -0.35 0.00	85.07 -0.17 0.00	81.74 -0.08 0.00	81.82 0.00 0.00	80.97 0.00 0.00	73.14 -0.15 0.00	80.49 -0.73 0.00	71.78 -0.14 0.00	77.41 -0.62 0.00	80.41 -0.89 0.00	72.27 -0.58 0.00	74.39 -0.68 0.00	71.79 -0.36 0.00	71.72 -0.43 0.00	71.64 -0.65 0.00	80.57 -0.57 0.00	82.76 -0.67 0.00	87.01 -1.06 0.00	87.11 -0.97 0.00	87.00 -0.61 0.00	87.01 -0.79 0.00	80.81 -0.16 0.00	78.13 0.08 0.00	72.07 0.07 0.00
BRANSCOMB___SOLAR 323811	138.29 6.57 -44.10	112.50 6.40 -20.86	113.65 6.05 -25.78	102.55 6.05 -14.68	103.82 5.99 -16.86	116.84 5.50 -38.06	121.20 6.25 -33.73	111.01 5.18 -33.91	113.16 5.86 -29.28	117.81 6.18 -30.33	100.22 5.39 -21.97	108.14 5.18 -27.90	105.30 4.83 -28.32	101.44 4.83 -24.46	105.10 4.98 -27.82	97.23 5.85 -10.25	107.87 6.34 -18.11	184.12 6.87 -89.18	207.69 6.96 -112.66	166.50 6.84 -72.05	126.29 6.85 -31.64	121.41 6.24 -34.20	121.55 5.86 -37.65	95.63 5.25 -18.38
BRENTWOD_69_KV_W. BRTWOOD 56703	144.72 8.41 -48.69	138.05 8.01 -44.79	129.00 7.53 -39.65	121.17 7.45 -31.90	121.24 7.37 -32.90	116.55 6.60 -36.67	136.14 7.72 -47.21	141.08 6.83 -62.33	147.39 7.80 -61.55	146.87 8.21 -57.35	137.38 7.58 -56.94	126.82 7.66 -44.10	119.80 7.29 -40.36	119.57 7.36 -40.06	102.10 7.23 -22.58	133.38 8.28 -43.97	149.56 8.26 -57.88	175.81 8.72 -79.03	178.30 8.72 -81.51	156.13 8.59 -59.93	147.29 8.69 -50.80	136.65 8.02 -47.66	118.86 7.57 -33.24	94.49 6.84 -15.65

BRISTLHL_115KV_TB1 79998	88.56 -1.84 -2.79	84.60 -1.96 -1.32	81.48 -1.96 -1.63	80.78 -1.96 -0.93	80.09 -1.94 -1.07	73.86 -1.83 -2.41	81.56 -1.79 -2.13	72.34 -1.73 -2.14	78.09 -1.79 -1.85	81.43 -1.79 -1.92	72.57 -1.68 -1.39	75.10 -1.73 -1.76	72.14 -1.80 -1.79	71.89 -1.80 -1.55	72.39 -1.66 -1.76	80.00 -1.78 -0.65	82.82 -1.75 -1.14	88.01 -1.59 -1.53	89.51 -1.59 -3.02	86.14 -1.93 -0.45	86.28 -1.84 -0.32	79.49 -1.94 -0.47	76.10 -1.95 0.00	71.43 -1.73 -1.16
BROOKHAVEN___DRP 24191	144.72 8.41 -48.69	137.96 7.93 -44.79	128.83 7.36 -39.65	121.08 7.36 -31.90	121.16 7.29 -32.90	116.40 6.45 -36.67	136.06 7.63 -47.21	141.08 6.83 -62.33	147.39 7.80 -61.55	146.95 8.29 -57.35	137.23 7.43 -56.94	126.74 7.58 -44.10	119.65 7.14 -40.36	119.42 7.22 -40.06	102.03 7.16 -22.58	133.22 8.11 -43.97	149.48 8.18 -57.88	175.90 8.81 -79.03	178.30 8.72 -81.51	156.04 8.50 -59.93	147.11 8.52 -50.80	136.32 7.69 -47.66	118.62 7.34 -33.24	94.28 6.62 -15.65
BROOKLYN_NAVY_YARD 23515	129.18 6.39 -35.18	107.93 6.05 -16.64	107.95 5.57 -20.56	99.09 5.57 -11.71	99.92 5.51 -13.45	108.40 4.76 -30.36	113.81 5.68 -26.91	104.15 5.18 -27.05	107.55 6.16 -23.35	112.08 6.58 -24.19	96.44 6.04 -17.54	103.41 6.08 -22.27	100.51 5.77 -22.59	97.50 5.84 -19.51	100.13 5.64 -22.19	95.89 6.57 -8.19	104.29 6.42 -14.44	130.01 6.78 -35.16	148.85 6.87 -53.90	115.86 6.75 -21.50	105.08 6.76 -10.52	99.74 6.32 -12.45	93.08 5.86 -9.17	91.77 5.11 -14.66
BROOKLYN___ARMY_DRP 323595	129.68 6.83 -35.23	124.56 6.31 -33.01	124.47 5.81 -36.85	99.31 5.73 -11.76	100.06 5.59 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.58 5.18 -27.49	126.37 6.24 -42.09	133.35 6.75 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.47 5.99 -40.33	122.98 5.78 -44.90	120.47 6.90 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.93 7.49 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.24 -28.28	111.25 5.47 -33.78
BROOKVLE_69_KV_TB1 55790	144.19 7.89 -48.69	137.54 7.50 -44.79	128.42 6.95 -39.65	120.67 6.95 -31.90	120.75 6.88 -32.90	116.11 6.16 -36.67	135.49 7.07 -47.21	140.36 6.11 -62.33	146.77 7.18 -61.55	146.30 7.64 -57.35	136.72 6.92 -56.94	126.14 6.98 -44.10	119.15 6.64 -40.36	118.92 6.71 -40.06	101.45 6.58 -22.58	132.65 7.55 -43.97	148.98 7.68 -57.88	175.29 8.19 -79.03	177.86 8.28 -81.51	155.69 8.15 -59.93	146.76 8.17 -50.80	136.08 7.45 -47.66	118.23 6.95 -33.24	93.77 6.12 -15.65
BROOME_2_LFGE 323671	98.49 -0.44 -11.31	90.08 -0.51 -5.35	87.94 -0.49 -6.61	85.01 -0.57 -3.76	84.73 -0.56 -4.32	82.54 -0.51 -9.76	89.54 -0.32 -8.65	79.97 -0.65 -8.70	84.91 -0.63 -7.51	89.00 -0.08 -7.78	78.35 -0.15 -5.63	81.85 -0.37 -7.15	78.24 -0.58 -6.67	77.39 -0.58 -5.82	78.84 -0.58 -7.12	82.72 -0.65 -2.24	86.88 -0.50 -3.95	99.52 -0.26 -11.71	105.82 -0.26 -18.01	95.13 -0.17 -7.68	91.25 -0.26 -3.71	84.74 -0.56 -4.34	80.84 -0.63 -3.42	76.13 -0.58 -4.71
BROOME___LFGE 323600	98.49 -0.44 -11.31	90.08 -0.51 -5.35	87.94 -0.49 -6.61	85.01 -0.57 -3.76	84.73 -0.56 -4.32	82.54 -0.51 -9.76	89.54 -0.32 -8.65	79.97 -0.65 -8.70	84.91 -0.63 -7.51	89.00 -0.08 -7.78	78.35 -0.15 -5.63	81.85 -0.37 -7.15	78.24 -0.58 -6.67	77.39 -0.58 -5.82	78.84 -0.58 -7.12	82.72 -0.65 -2.24	86.88 -0.50 -3.95	99.52 -0.26 -11.71	105.82 -0.26 -18.01	95.13 -0.17 -7.68	91.25 -0.26 -3.71	84.74 -0.56 -4.34	80.84 -0.63 -3.42	76.13 -0.58 -4.71
BROWNFLS_115KV_TB_3_5 80003	87.99 -0.53 -0.90	85.16 -0.51 -0.42	81.69 -0.65 -0.52	81.54 -0.57 -0.30	80.83 -0.49 -0.34	73.40 -0.66 -0.77	80.77 -1.14 -0.69	71.89 -0.72 -0.69	77.69 -0.94 -0.60	80.78 -1.14 -0.62	72.65 -0.66 -0.45	74.88 -0.75 -0.57	72.15 -0.58 -0.58	72.00 -0.65 -0.50	72.06 -0.80 -0.57	80.78 -0.57 -0.21	83.21 -0.58 -0.37	87.77 -0.79 -0.49	88.43 -0.62 -0.97	87.15 -0.61 -0.15	86.94 -0.97 -0.10	80.47 -0.65 -0.15	77.58 -0.47 0.00	71.94 -0.43 -0.37
BROWNSV1_27_KV_LOAD 356125	129.98 7.18 -35.18	108.62 6.73 -16.64	108.60 6.22 -20.56	99.74 6.22 -11.71	100.49 6.07 -13.45	108.99 5.35 -30.36	114.46 6.33 -26.91	104.65 5.68 -27.05	108.10 6.71 -23.35	112.73 7.24 -24.19	96.96 6.56 -17.54	104.02 6.68 -22.27	101.09 6.35 -22.59	98.01 6.35 -19.51	100.70 6.22 -22.19	96.55 7.22 -8.19	104.96 7.09 -14.44	130.63 7.40 -35.16	149.55 7.57 -53.90	116.56 7.45 -21.50	105.78 7.46 -10.52	100.38 6.96 -12.45	93.70 6.48 -9.17	92.35 5.69 -14.66
BURROWS___LYONSDAL 23803	90.41 1.66 -1.13	87.23 1.45 -0.54	83.62 1.15 -0.66	83.42 1.23 -0.38	82.70 1.30 -0.43	75.36 1.10 -0.98	83.38 1.30 -0.87	74.01 1.22 -0.87	80.27 1.48 -0.75	83.46 1.38 -0.78	74.81 1.38 -0.56	77.21 1.43 -0.72	74.18 1.30 -0.73	74.08 1.30 -0.63	74.24 1.23 -0.71	83.10 1.70 -0.26	86.06 2.17 -0.46	91.07 2.38 -0.62	91.77 2.47 -1.23	89.90 2.10 -0.18	89.86 1.93 -0.13	82.62 1.46 -0.19	79.30 1.25 0.00	73.41 0.94 -0.47
CAITHNESS_CC_1 323624	144.36 8.06 -48.69	137.71 7.67 -44.79	128.58 7.11 -39.65	120.83 7.11 -31.90	120.91 7.04 -32.90	116.18 6.23 -36.67	135.81 7.39 -47.21	140.79 6.54 -62.33	147.15 7.57 -61.55	146.63 7.97 -57.35	137.01 7.21 -56.94	126.52 7.36 -44.10	119.51 7.00 -40.36	119.21 7.00 -40.06	101.82 6.94 -22.58	132.90 7.79 -43.97	149.14 7.84 -57.88	175.55 8.46 -79.03	177.96 8.37 -81.51	155.78 8.23 -59.93	146.76 8.17 -50.80	136.16 7.53 -47.66	118.39 7.10 -33.24	94.06 6.41 -15.65
CALPINE BETH_PAGE_GT4 24209	143.58 7.27 -48.69	136.85 6.82 -44.79	127.85 6.38 -39.65	120.10 6.38 -31.90	120.10 6.23 -32.90	115.52 5.57 -36.67	134.92 6.50 -47.21	140.00 5.75 -62.33	146.30 6.71 -61.55	145.81 7.15 -57.35	136.36 6.56 -56.94	125.77 6.61 -44.10	118.79 6.28 -40.36	118.56 6.35 -40.06	101.09 6.22 -22.58	132.33 7.22 -43.97	148.56 7.26 -57.88	174.76 7.66 -79.03	177.33 7.75 -81.51	155.17 7.62 -59.93	146.32 7.73 -50.80	135.68 7.04 -47.66	117.84 6.56 -33.24	93.41 5.76 -15.65
CALPINE_BETH_PAGE_GT_4 323586	143.49 7.19 -48.69	136.86 6.82 -44.79	127.86 6.39 -39.65	120.11 6.39 -31.90	120.11 6.24 -32.90	115.52 5.57 -36.67	134.92 6.50 -47.21	140.00 5.76 -62.33	146.30 6.71 -61.55	145.81 7.16 -57.35	136.36 6.56 -56.94	125.77 6.61 -44.10	118.78 6.27 -40.36	118.56 6.35 -40.06	101.09 6.22 -22.58	132.25 7.14 -43.97	148.56 7.25 -57.88	174.75 7.66 -79.03	177.34 7.75 -81.51	155.26 7.71 -59.93	146.32 7.73 -50.80	135.67 7.04 -47.66	117.84 6.56 -33.24	93.41 5.76 -15.65
CALPINE_BP_GT1 23823	143.49 7.19 -48.69	136.86 6.82 -44.79	127.86 6.39 -39.65	120.11 6.39 -31.90	120.11 6.24 -32.90	115.52 5.57 -36.67	134.92 6.50 -47.21	140.00 5.76 -62.33	146.30 6.71 -61.55	145.81 7.16 -57.35	136.36 6.56 -56.94	125.77 6.61 -44.10	118.78 6.27 -40.36	118.56 6.35 -40.06	101.09 6.22 -22.58	132.25 7.14 -43.97	148.56 7.25 -57.88	174.75 7.66 -79.03	177.34 7.75 -81.51	155.26 7.71 -59.93	146.32 7.73 -50.80	135.67 7.04 -47.66	117.84 6.56 -33.24	93.41 5.76 -15.65
CALSPAN___DRP 24200	86.23 -7.18 -5.80	80.40 -7.59 -2.74	77.84 -7.36 -3.39	76.47 -7.28 -1.93	75.82 -7.37 -2.22	71.84 -6.45 -5.01	78.75 -6.90 -4.44	68.54 -7.84 -4.46	68.42 -8.35 1.26	68.77 -7.32 5.22	62.44 -6.63 3.79	63.16 -7.58 4.33	62.63 -7.94 1.58	62.87 -7.79 1.49	60.41 -7.74 4.14	72.86 -8.76 -0.48	75.09 -9.18 -0.84	80.98 -9.51 -2.42	87.42 -9.42 -8.76	81.33 -9.81 -3.53	80.82 -8.78 -1.80	73.69 -9.39 -2.12	71.93 -7.73 -1.60	68.08 -6.34 -2.42

CALVERTON___SOLAR 323806	144.90 8.59 -48.69	138.22 8.18 -44.79	129.16 7.69 -39.65	121.24 7.52 -31.90	121.40 7.53 -32.90	116.62 6.67 -36.67	136.30 7.88 -47.21	141.30 7.05 -62.33	147.63 8.04 -61.55	147.19 8.53 -57.35	137.45 7.65 -56.94	126.90 7.73 -44.10	119.87 7.36 -40.36	119.64 7.43 -40.06	102.25 7.38 -22.58	133.47 8.36 -43.97	149.82 8.51 -57.88	176.25 9.16 -79.03	178.66 9.07 -81.51	156.39 8.85 -59.93	147.37 8.78 -50.80	136.65 8.02 -47.66	118.86 7.57 -33.24	94.50 6.84 -15.65
CANDIGU_WT_PWR 323617	90.27 -5.08 -7.74	83.79 -5.11 -3.66	81.35 -4.99 -4.52	79.40 -4.99 -2.57	78.74 -5.18 -2.96	75.35 -4.61 -6.68	82.34 -4.79 -5.92	72.62 -5.25 -5.95	49.43 -5.69 22.91	30.61 -5.21 45.49	35.19 -4.66 33.00	30.69 -5.41 38.97	47.08 -5.70 19.37	48.70 -5.70 17.75	28.96 -5.50 37.84	75.50 -5.92 -0.29	78.15 -5.76 -0.48	74.96 -5.55 7.56	94.29 -5.46 -11.67	87.66 -4.90 -4.94	85.15 -5.09 -2.44	78.49 -5.35 -2.87	75.25 -5.00 -2.20	70.91 -4.32 -3.22
CARR STREET_E_SYR 24060	89.14 -1.67 -3.19	84.96 -1.79 -1.51	81.96 -1.72 -1.87	81.16 -1.72 -1.06	80.48 -1.70 -1.22	74.50 -1.54 -2.75	82.11 -1.55 -2.44	72.86 -1.51 -2.45	78.51 -1.64 -2.12	81.95 -1.55 -2.19	72.91 -1.53 -1.59	75.59 -1.50 -2.02	72.54 -1.66 -2.05	72.33 -1.59 -1.77	72.86 -1.45 -2.01	80.26 -1.62 -0.74	83.24 -1.50 -1.31	88.41 -1.41 -1.76	90.12 -1.41 -3.46	86.38 -1.75 -0.52	86.59 -1.58 -0.37	79.65 -1.86 -0.54	76.33 -1.72 0.00	71.81 -1.52 -1.33
CARTHAGE___PAPER 23857	90.08 0.88 -1.59	86.60 0.60 -0.75	83.08 0.33 -0.93	82.76 0.41 -0.53	82.06 0.49 -0.61	75.03 0.37 -1.37	82.84 0.41 -1.22	73.71 0.57 -1.22	79.79 0.70 -1.06	82.89 0.49 -1.09	74.23 0.58 -0.79	76.67 0.60 -1.01	73.68 0.51 -1.02	73.61 0.57 -0.88	73.81 0.51 -1.00	82.48 0.98 -0.37	85.83 1.75 -0.65	90.97 2.03 -0.88	92.00 2.20 -1.72	89.72 1.84 -0.26	89.38 1.40 -0.18	82.21 0.98 -0.27	78.67 0.62 0.00	72.95 0.29 -0.66
CASSADAGA_WT_PWR 323784	86.43 -7.27 -6.08	80.70 -7.42 -2.88	78.09 -7.28 -3.56	76.64 -7.20 -2.02	76.01 -7.29 -2.33	72.23 -6.30 -5.25	79.45 -6.42 -4.65	69.26 -7.34 -4.68	70.40 -7.80 -0.17	72.18 -6.34 2.78	65.29 -5.54 2.02	66.11 -6.76 2.20	64.59 -7.00 0.57	64.69 -6.93 0.53	63.35 -6.87 2.07	73.89 -7.71 -0.46	76.29 -7.93 -0.80	83.33 -8.01 -3.27	89.34 -7.93 -9.19	84.25 -7.09 -3.73	82.41 -7.29 -1.89	75.42 -7.77 -2.23	72.95 -6.79 -1.69	68.77 -5.76 -2.54
CE_DUNWOOD___DRP 24194	128.59 5.87 -35.10	107.39 5.54 -16.60	107.49 5.15 -20.52	98.57 5.07 -11.68	99.41 5.02 -13.42	108.05 4.47 -30.29	113.27 5.20 -26.85	103.52 4.60 -26.99	106.80 5.46 -23.30	111.30 5.85 -24.14	95.67 5.32 -17.49	102.68 5.40 -22.21	99.81 5.12 -22.54	96.81 5.19 -19.47	99.50 5.06 -22.14	95.13 5.84 -8.16	103.68 5.84 -14.41	129.41 6.25 -35.09	148.12 6.25 -53.79	115.20 6.13 -21.45	104.53 6.23 -10.50	99.06 5.67 -12.43	92.43 5.23 -9.15	91.24 4.61 -14.63
CE_MILLWOOD___DRP 24193	128.28 5.70 -34.97	107.15 5.37 -16.54	107.25 4.99 -20.44	98.36 4.91 -11.64	99.19 4.86 -13.37	107.86 4.40 -30.18	113.00 5.04 -26.75	103.27 4.46 -26.89	106.55 5.31 -23.21	111.04 5.69 -24.05	95.45 5.17 -17.42	102.37 5.18 -22.12	99.58 4.98 -22.46	96.52 4.98 -19.39	99.20 4.84 -22.06	94.94 5.68 -8.12	103.46 5.67 -14.36	129.01 5.99 -34.96	147.73 6.08 -53.58	114.95 5.96 -21.37	104.32 6.06 -10.46	98.85 5.51 -12.38	92.24 5.07 -9.12	91.04 4.46 -14.57
CE_NYC2_DRP 24202	129.54 6.75 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.33 5.81 -11.71	100.00 5.59 -13.45	108.48 4.84 -30.36	113.89 5.77 -26.91	104.15 5.18 -27.05	107.63 6.24 -23.35	112.16 6.67 -24.19	96.45 6.05 -17.54	103.49 6.16 -22.27	100.58 5.84 -22.59	97.50 5.84 -19.51	100.20 5.71 -22.19	96.06 6.73 -8.19	104.55 6.67 -14.45	130.19 6.96 -35.17	149.02 7.05 -53.90	116.12 7.01 -21.50	105.35 7.02 -10.52	99.98 6.56 -12.45	93.31 6.09 -9.17	92.06 5.40 -14.66
CE_NYC_DRP 24195	129.36 6.57 -35.18	108.02 6.14 -16.64	108.02 5.65 -20.56	99.17 5.65 -11.71	100.00 5.59 -13.45	108.55 4.91 -30.36	113.89 5.77 -26.91	104.15 5.18 -27.05	107.55 6.16 -23.35	112.08 6.59 -24.19	96.45 6.05 -17.54	103.42 6.08 -22.27	100.51 5.77 -22.59	97.50 5.84 -19.51	100.19 5.71 -22.19	95.90 6.57 -8.19	104.38 6.51 -14.44	130.01 6.78 -35.16	148.84 6.87 -53.90	115.86 6.75 -21.50	105.08 6.76 -10.52	99.73 6.32 -12.45	93.15 5.93 -9.17	91.84 5.18 -14.66
CHAFFEE___LFGE 323603	86.29 -7.36 -6.03	80.68 -7.42 -2.85	78.06 -7.28 -3.52	76.71 -7.12 -2.01	76.07 -7.21 -2.30	72.19 -6.30 -5.20	79.17 -6.66 -4.61	68.93 -7.63 -4.64	69.76 -8.12 0.15	71.22 -6.75 3.33	64.39 -6.05 2.42	65.25 -7.13 2.69	63.80 -7.57 0.78	63.99 -7.43 0.73	62.30 -7.44 2.54	73.10 -8.52 -0.48	75.33 -8.93 -0.83	81.92 -9.25 -3.10	88.12 -9.07 -9.11	82.98 -8.33 -3.69	81.33 -8.34 -1.88	74.75 -8.42 -2.21	72.31 -7.42 -1.67	68.39 -6.12 -2.51
CHATEAUG_35_KV_LOAD 355732	85.51 -2.10 0.00	83.45 -1.79 0.00	80.26 -1.55 0.00	80.26 -1.55 0.00	79.27 -1.70 0.00	71.60 -1.69 0.00	78.62 -2.60 0.00	70.05 -1.87 0.00	75.54 -2.50 0.00	78.62 -2.68 0.00	70.38 -2.48 0.00	72.36 -2.70 0.00	69.91 -2.24 0.00	69.77 -2.38 0.00	69.76 -2.53 0.00	78.46 -2.68 0.00	80.51 -2.92 0.00	84.90 -3.17 0.00	85.17 -2.91 0.00	85.25 -2.37 0.00	85.25 -2.55 0.00	79.19 -1.78 0.00	76.33 -1.72 0.00	70.56 -1.44 0.00
CHATEAUG_WT_PWR 323614	85.51 -2.10 0.00	83.29 -1.96 0.00	80.18 -1.64 0.00	80.10 -1.72 0.00	79.19 -1.78 0.00	71.38 -1.91 0.00	78.30 -2.92 0.00	69.76 -2.16 0.00	75.23 -2.81 0.00	78.30 -3.01 0.00	70.01 -2.84 0.00	71.99 -3.08 0.00	69.48 -2.67 0.00	69.41 -2.74 0.00	69.40 -2.89 0.00	78.05 -3.08 0.00	80.17 -3.25 0.00	84.45 -3.61 0.00	84.91 -3.17 0.00	84.99 -2.63 0.00	84.90 -2.90 0.00	78.95 -2.02 0.00	76.02 -2.03 0.00	70.27 -1.73 0.00
CHAT_HIGH_FALL_HYD 323578	85.51 -2.10 0.00	83.45 -1.79 0.00	80.26 -1.55 0.00	80.26 -1.55 0.00	79.27 -1.70 0.00	71.60 -1.69 0.00	78.62 -2.60 0.00	70.05 -1.87 0.00	75.54 -2.50 0.00	78.62 -2.68 0.00	70.38 -2.48 0.00	72.36 -2.70 0.00	69.91 -2.24 0.00	69.77 -2.38 0.00	69.76 -2.53 0.00	78.46 -2.68 0.00	80.51 -2.92 0.00	84.90 -3.17 0.00	85.17 -2.91 0.00	85.25 -2.37 0.00	85.25 -2.55 0.00	79.19 -1.78 0.00	76.33 -1.72 0.00	70.56 -1.44 0.00
CHAUTAUQUA___LFGE 323629	86.26 -7.27 -5.92	80.62 -7.42 -2.80	78.08 -7.20 -3.46	76.67 -7.12 -1.97	76.10 -7.13 -2.26	72.16 -6.23 -5.11	79.24 -6.50 -4.53	68.99 -7.48 -4.55	69.21 -7.96 0.86	69.83 -6.91 4.57	63.28 -6.27 3.32	64.19 -7.13 3.74	63.32 -7.51 1.32	63.56 -7.36 1.23	61.49 -7.23 3.58	73.41 -8.19 -0.47	75.82 -8.42 -0.82	82.11 -8.63 -2.67	88.56 -8.46 -8.94	82.99 -8.24 -3.61	81.65 -7.99 -1.84	74.79 -8.34 -2.16	72.51 -7.18 -1.64	68.56 -5.90 -2.47
CHERRYST_13_KV_LD 356241	129.63 6.83 -35.18	108.27 6.39 -16.64	108.27 5.89 -20.56	99.42 5.89 -11.71	100.16 5.75 -13.45	108.70 5.06 -30.36	114.13 6.01 -26.91	104.36 5.39 -27.05	107.78 6.40 -23.35	112.32 6.83 -24.19	96.67 6.27 -17.54	103.64 6.31 -22.27	100.73 5.99 -22.59	97.72 6.06 -19.51	100.41 5.93 -22.19	96.14 6.82 -8.19	104.63 6.76 -14.44	130.28 7.05 -35.16	149.11 7.13 -53.90	116.12 7.01 -21.50	105.35 7.02 -10.52	99.98 6.56 -12.45	93.31 6.09 -9.17	91.99 5.33 -14.66

CHESTROR_138KV_BK263 355645	124.96 4.64 -32.70	105.14 4.43 -15.47	105.02 4.09 -19.11	96.79 4.09 -10.88	97.52 4.05 -12.50	105.10 3.59 -28.22	110.37 4.14 -25.01	100.66 3.60 -25.15	104.03 4.29 -21.71	108.35 4.55 -22.49	93.30 4.15 -16.29	99.96 4.20 -20.69	97.12 3.97 -21.00	94.32 4.04 -18.13	96.83 3.90 -20.63	93.28 4.54 -7.60	101.53 4.67 -13.43	125.67 4.93 -32.67	143.19 5.02 -50.09	112.49 4.91 -19.97	102.58 5.00 -9.78	96.99 4.45 -11.57	90.70 4.14 -8.52	89.23 3.60 -13.63
CH_MIDHUDSON___DRP 24192	129.27 5.87 -35.79	107.80 5.63 -16.93	107.97 5.24 -20.92	98.96 5.24 -11.91	99.83 5.18 -13.68	108.79 4.62 -30.88	113.87 5.28 -27.37	104.04 4.60 -27.52	107.17 5.38 -23.76	111.69 5.77 -24.61	95.93 5.25 -17.83	102.96 5.25 -22.64	100.11 4.98 -22.98	97.05 5.05 -19.85	99.78 4.92 -22.58	95.13 5.68 -8.31	103.96 5.84 -14.69	130.30 6.25 -35.98	149.37 6.25 -55.04	115.82 6.13 -22.07	104.82 6.23 -10.79	99.31 5.59 -12.75	92.65 5.15 -9.45	91.45 4.54 -14.91
CH_MISC_IPPS 23765	128.91 6.13 -35.17	107.84 5.96 -16.63	107.94 5.57 -20.56	99.00 5.48 -11.70	99.84 5.43 -13.44	108.47 4.84 -30.35	113.72 5.60 -26.90	103.78 4.82 -27.04	107.00 5.62 -23.35	111.51 6.02 -24.18	95.85 5.47 -17.52	102.79 5.48 -22.25	99.93 5.20 -22.58	96.85 5.20 -19.50	99.54 5.06 -22.19	95.23 5.92 -8.17	103.95 6.09 -14.44	130.01 6.61 -35.33	148.83 6.69 -54.06	115.86 6.57 -21.67	104.98 6.59 -10.59	99.40 5.91 -12.52	92.70 5.38 -9.27	91.41 4.75 -14.66
CH_RES_BVR_FALLS 23983	85.43 -2.19 0.00	83.11 -2.13 0.00	79.85 -1.96 0.00	79.85 -1.96 0.00	79.02 -1.94 0.00	71.53 -1.76 0.00	79.10 -2.11 0.00	70.41 -1.51 0.00	76.16 -1.87 0.00	79.19 -2.11 0.00	71.04 -1.82 0.00	73.11 -1.95 0.00	70.42 -1.73 0.00	70.42 -1.73 0.00	70.41 -1.88 0.00	79.11 -2.03 0.00	81.34 -2.08 0.00	85.78 -2.29 0.00	85.96 -2.11 0.00	85.77 -1.84 0.00	85.78 -2.02 0.00	79.35 -1.62 0.00	76.49 -1.56 0.00	70.48 -1.52 0.00
CH_RES_NIAGARA 23895	85.62 -7.36 -5.36	80.02 -7.76 -2.53	77.50 -7.45 -3.13	76.24 -7.36 -1.78	75.65 -7.37 -2.05	71.39 -6.52 -4.62	77.76 -7.55 -4.10	67.12 -8.92 -4.12	68.79 -8.90 0.35	69.05 -8.86 3.40	62.09 -8.31 2.47	63.86 -8.48 2.72	62.44 -8.95 0.76	62.56 -8.87 0.72	61.32 -8.39 2.58	71.33 -10.30 -0.50	73.46 -10.85 -0.87	80.06 -10.66 -2.65	84.72 -11.45 -8.09	78.73 -12.09 -3.20	78.48 -10.97 -1.65	72.07 -10.85 -1.95	70.08 -9.44 -1.47	67.11 -7.13 -2.23
CH_RES_SYRACUSE 23985	90.31 -0.88 -3.57	85.91 -1.02 -1.69	82.84 -1.07 -2.09	81.94 -1.07 -1.19	81.28 -1.05 -1.36	75.41 -0.95 -3.08	83.13 -0.81 -2.73	73.80 -0.86 -2.74	79.47 -0.93 -2.37	82.95 -0.81 -2.45	73.84 -0.80 -1.78	76.50 -0.82 -2.26	73.43 -1.01 -2.29	73.19 -0.94 -1.98	73.68 -0.86 -2.25	81.07 -0.89 -0.83	84.14 -0.75 -1.47	89.50 -0.53 -1.96	91.41 -0.53 -3.86	87.23 -0.96 -0.58	87.42 -0.79 -0.41	80.51 -1.05 -0.60	77.03 -1.02 0.00	72.55 -0.94 -1.49
CLINTON_WT_PWR 323605	85.51 -2.10 0.00	83.29 -1.96 0.00	80.18 -1.64 0.00	80.10 -1.72 0.00	79.19 -1.78 0.00	71.38 -1.91 0.00	78.30 -2.92 0.00	69.76 -2.16 0.00	75.23 -2.81 0.00	78.30 -3.01 0.00	70.01 -2.84 0.00	71.99 -3.08 0.00	69.48 -2.67 0.00	69.41 -2.74 0.00	69.40 -2.89 0.00	78.05 -3.08 0.00	80.17 -3.25 0.00	84.45 -3.61 0.00	84.91 -3.17 0.00	84.99 -2.63 0.00	84.90 -2.90 0.00	78.95 -2.02 0.00	76.02 -2.03 0.00	70.27 -1.73 0.00
CLINTON___LFGE 323618	86.83 -0.79 0.00	84.56 -0.68 0.00	81.41 -0.41 0.00	81.41 -0.41 0.00	80.41 -0.56 0.00	72.63 -0.66 0.00	79.43 -1.79 0.00	70.77 -1.15 0.00	76.24 -1.79 0.00	79.44 -1.87 0.00	71.11 -1.75 0.00	73.11 -1.95 0.00	70.56 -1.59 0.00	70.42 -1.73 0.00	70.41 -1.88 0.00	79.19 -1.95 0.00	81.26 -2.17 0.00	85.60 -2.47 0.00	86.05 -2.02 0.00	86.13 -1.49 0.00	86.13 -1.67 0.00	80.08 -0.89 0.00	77.19 -0.86 0.00	71.57 -0.43 0.00
COBBLENY_34_KV_TB1 80064	86.64 -7.01 -6.03	80.68 -7.42 -2.85	78.06 -7.28 -3.52	76.71 -7.12 -2.01	76.07 -7.21 -2.30	72.19 -6.30 -5.20	79.17 -6.66 -4.61	68.93 -7.62 -4.64	69.76 -8.12 0.15	71.22 -6.75 3.33	64.32 -6.12 2.42	65.17 -7.21 2.69	63.80 -7.58 0.78	63.98 -7.43 0.73	62.30 -7.45 2.54	73.10 -8.52 -0.48	75.41 -8.84 -0.83	82.09 -9.07 -3.10	88.12 -9.07 -9.11	81.85 -9.46 -3.69	81.33 -8.34 -1.88	74.11 -9.07 -2.21	72.31 -7.41 -1.67	68.39 -6.12 -2.51
COFFEEN___115KV_TB3 355620	91.89 2.45 -1.82	88.06 1.96 -0.86	84.44 1.55 -1.06	84.06 1.64 -0.61	83.36 1.70 -0.70	76.32 1.47 -1.57	84.40 1.79 -1.39	75.05 1.73 -1.40	81.27 2.03 -1.21	84.34 1.79 -1.25	75.51 1.75 -0.91	78.02 1.80 -1.15	74.91 1.59 -1.17	74.82 1.66 -1.01	75.03 1.59 -1.15	83.99 2.43 -0.42	87.68 3.50 -0.75	93.03 3.96 -1.00	94.28 4.23 -1.97	91.50 3.59 -0.29	91.26 3.25 -0.21	83.62 2.35 -0.31	79.92 1.87 0.00	73.98 1.22 -0.76
COLDSPRG_115KV_BK1 355956	87.92 -6.05 -6.35	81.68 -6.56 -3.00	79.06 -6.46 -3.71	77.63 -6.30 -2.11	77.00 -6.40 -2.43	73.27 -5.50 -5.48	80.47 -5.60 -4.86	70.33 -6.47 -4.88	73.05 -6.79 -1.80	76.95 -4.39 -0.03	69.16 -3.72 -0.02	69.83 -5.48 -0.24	67.00 -5.77 -0.63	67.10 -5.63 -0.58	66.53 -6.07 -0.31	74.84 -6.73 -0.44	77.27 -6.92 -0.77	85.42 -6.87 -4.22	90.71 -6.96 -9.59	84.44 -7.10 -3.92	83.81 -5.97 -1.98	75.85 -7.45 -2.33	74.12 -5.70 -1.77	69.61 -5.04 -2.65
COLONIE_LFGE___ 323577	136.32 5.17 -43.54	110.86 5.03 -20.59	112.01 4.74 -25.45	101.05 4.74 -14.49	102.30 4.69 -16.64	115.11 4.25 -37.57	119.31 4.79 -33.30	109.49 4.10 -33.48	111.62 4.68 -28.90	116.20 4.96 -29.94	98.99 4.44 -21.69	107.04 4.43 -27.54	104.29 4.18 -27.96	100.48 4.18 -24.14	104.02 4.26 -27.46	96.12 4.87 -10.12	106.39 5.09 -17.88	175.33 5.46 -81.80	198.52 5.46 -104.98	157.94 5.43 -64.89	121.92 5.45 -28.68	117.10 4.94 -31.19	116.28 4.68 -33.55	94.39 4.25 -18.14
COOPERNY_115KV_TB1 80082	117.66 3.42 -26.63	101.08 3.24 -12.60	100.41 3.03 -15.57	93.71 3.03 -8.86	94.14 3.00 -10.18	98.91 2.64 -22.98	104.67 3.09 -20.37	95.06 2.66 -20.48	98.91 3.20 -17.68	103.03 3.41 -18.31	89.26 3.13 -13.27	95.07 3.15 -16.85	92.21 2.96 -17.10	89.88 2.96 -14.77	91.98 2.89 -16.80	90.65 3.33 -6.19	97.78 3.42 -10.94	118.46 3.70 -26.70	132.66 3.70 -40.88	107.56 3.59 -16.35	99.48 3.69 -8.00	93.67 3.24 -9.46	88.00 2.97 -6.99	85.69 2.59 -11.10
COPENHAGEN_WT_PWR 323753	90.90 1.40 -1.88	87.16 1.03 -0.89	83.65 0.73 -1.10	83.18 0.73 -0.63	82.50 0.81 -0.72	75.57 0.66 -1.62	83.55 0.90 -1.44	74.23 0.87 -1.45	80.37 1.09 -1.25	83.49 0.90 -1.29	74.74 0.94 -0.94	77.23 0.97 -1.19	74.15 0.80 -1.21	74.06 0.87 -1.04	74.28 0.80 -1.19	83.04 1.46 -0.44	86.45 2.25 -0.77	91.83 2.73 -1.04	93.02 2.90 -2.04	90.29 2.37 -0.30	90.04 2.02 -0.22	82.58 1.29 -0.32	78.99 0.94 0.00	73.29 0.51 -0.78
CORNELL_____ 23752	96.77 1.31 -7.84	89.97 1.02 -3.71	87.22 0.82 -4.58	85.24 0.82 -2.61	84.77 0.81 -3.00	80.78 0.73 -6.76	88.43 1.22 -5.99	78.81 0.86 -6.03	85.90 0.94 -6.93	90.96 1.14 -8.52	79.91 0.87 -6.18	83.55 0.83 -7.66	85.12 0.51 -12.47	82.96 0.58 -10.23	80.69 0.72 -7.68	87.92 0.97 -5.81	95.09 1.33 -10.33	102.84 1.76 -13.01	103.74 1.85 -13.81	94.29 1.40 -5.27	91.93 1.58 -2.55	84.84 0.89 -2.98	81.17 0.78 -2.34	75.99 0.72 -3.27

CORONA__69_KV_TB1 355595	143.93 7.62 -48.69	137.28 7.25 -44.79	128.26 6.79 -39.65	120.51 6.79 -31.90	120.59 6.72 -32.90	115.96 6.01 -36.67	135.25 6.82 -47.21	140.21 5.97 -62.33	146.61 7.02 -61.55	146.13 7.48 -57.35	136.58 6.78 -56.94	125.99 6.83 -44.10	119.00 6.49 -40.36	118.77 6.57 -40.06	101.31 6.43 -22.58	132.49 7.38 -43.97	148.81 7.51 -57.88	175.11 8.01 -79.03	177.69 8.10 -81.51	155.52 7.97 -59.93	146.58 7.99 -50.80	135.92 7.29 -47.66	118.08 6.79 -33.24	93.63 5.98 -15.65
CORTLAND__115KV_TB3 80093	94.57 0.61 -6.34	88.67 0.43 -3.00	85.85 0.33 -3.70	84.17 0.25 -2.11	83.63 0.24 -2.42	79.05 0.29 -5.47	86.63 0.57 -4.85	77.08 0.29 -4.87	82.63 0.39 -4.21	86.31 0.65 -4.36	76.52 0.51 -3.16	79.45 0.38 -4.01	78.07 0.22 -5.70	77.20 0.29 -4.76	76.61 0.29 -4.02	84.09 0.41 -2.54	88.61 0.67 -4.51	96.61 0.97 -7.57	99.32 0.97 -10.28	92.40 0.70 -4.08	90.57 0.79 -1.99	83.55 0.24 -2.33	80.07 0.23 -1.78	74.86 0.22 -2.64
COXSACKIE__GT 23611	134.99 6.39 -40.98	110.77 6.14 -19.38	111.58 5.81 -23.95	101.18 5.73 -13.64	102.30 5.67 -15.67	113.86 5.20 -35.37	118.42 5.85 -31.35	108.04 4.61 -31.51	110.39 5.15 -27.21	114.53 5.04 -28.18	97.57 4.30 -20.42	105.05 4.05 -25.93	102.36 3.89 -26.32	98.70 3.82 -22.73	102.19 4.05 -25.85	96.01 5.35 -9.52	106.18 5.92 -16.83	148.86 6.52 -54.28	170.78 6.61 -76.10	132.19 6.22 -38.35	111.74 6.23 -17.70	106.39 5.43 -19.99	101.68 5.23 -18.40	94.19 5.11 -17.08
CPV_VALLEY__CC1 323721	121.99 3.85 -30.53	103.35 3.66 -14.44	103.02 3.36 -17.84	95.33 3.36 -10.16	95.96 3.32 -11.67	102.57 2.93 -26.34	107.98 3.41 -23.35	98.41 3.02 -23.47	101.89 3.59 -20.27	106.20 3.90 -20.99	91.64 3.57 -15.21	97.98 3.60 -19.31	95.15 3.39 -19.60	92.47 3.39 -16.93	94.88 3.33 -19.26	92.04 3.81 -7.09	99.88 3.92 -12.54	122.69 4.14 -30.49	139.05 4.23 -46.75	110.36 4.12 -18.63	101.05 4.13 -9.12	95.49 3.73 -10.79	89.42 3.43 -7.94	87.68 2.95 -12.72
CPV_VALLEY__CC2 323722	121.99 3.85 -30.53	103.35 3.66 -14.44	103.02 3.36 -17.84	95.33 3.36 -10.16	95.96 3.32 -11.67	102.57 2.93 -26.34	107.98 3.41 -23.35	98.41 3.02 -23.47	101.89 3.59 -20.27	106.20 3.90 -20.99	91.64 3.57 -15.21	97.98 3.60 -19.31	95.15 3.39 -19.60	92.47 3.39 -16.93	94.88 3.33 -19.26	92.04 3.81 -7.09	99.88 3.92 -12.54	122.69 4.14 -30.49	139.05 4.23 -46.75	110.36 4.12 -18.63	101.05 4.13 -9.12	95.49 3.73 -10.79	89.42 3.43 -7.94	87.68 2.95 -12.72
CRESCENT__HYD 24018	136.32 5.17 -43.54	110.86 5.03 -20.59	112.01 4.74 -25.45	101.05 4.74 -14.49	102.30 4.69 -16.64	115.11 4.25 -37.57	119.31 4.79 -33.30	109.49 4.10 -33.48	111.62 4.68 -28.90	116.20 4.96 -29.94	98.99 4.44 -21.69	107.04 4.43 -27.54	104.29 4.18 -27.96	100.48 4.18 -24.14	104.02 4.26 -27.46	96.12 4.87 -10.12	106.39 5.09 -17.88	175.33 5.46 -81.80	198.52 5.46 -104.98	157.94 5.43 -64.89	121.92 5.45 -28.68	117.10 4.94 -31.19	116.28 4.68 -33.55	94.39 4.25 -18.14
CRICKET__VALLEY_CC1 323756	130.02 5.43 -36.97	107.93 5.20 -17.49	108.34 4.91 -21.61	99.03 4.91 -12.30	99.96 4.86 -14.13	109.51 4.32 -31.91	114.45 4.95 -28.28	104.74 4.39 -28.43	107.65 5.07 -24.54	112.18 5.45 -25.43	96.24 4.96 -18.42	103.49 5.03 -23.39	100.65 4.76 -23.74	97.41 4.76 -20.50	100.31 4.70 -23.32	95.16 5.44 -8.59	104.03 5.42 -15.18	131.69 5.81 -37.82	151.39 5.81 -57.51	116.85 5.78 -23.45	105.00 5.79 -11.41	99.67 5.26 -13.44	93.11 4.92 -10.14	91.80 4.39 -15.41
CRICKET__VALLEY_CC2 323757	130.02 5.43 -36.97	107.93 5.20 -17.49	108.34 4.91 -21.61	99.03 4.91 -12.30	99.96 4.86 -14.13	109.51 4.32 -31.91	114.45 4.95 -28.28	104.74 4.39 -28.43	107.65 5.07 -24.54	112.18 5.45 -25.43	96.24 4.96 -18.42	103.49 5.03 -23.39	100.65 4.76 -23.74	97.41 4.76 -20.50	100.31 4.70 -23.32	95.16 5.44 -8.59	104.03 5.42 -15.18	131.69 5.81 -37.82	151.39 5.81 -57.51	116.85 5.78 -23.45	105.00 5.79 -11.41	99.67 5.26 -13.44	93.11 4.92 -10.14	91.80 4.39 -15.41
CRICKET__VALLEY_CC3 323758	130.02 5.43 -36.97	107.93 5.20 -17.49	108.34 4.91 -21.61	99.03 4.91 -12.30	99.96 4.86 -14.13	109.51 4.32 -31.91	114.45 4.95 -28.28	104.74 4.39 -28.43	107.65 5.07 -24.54	112.18 5.45 -25.43	96.24 4.96 -18.42	103.49 5.03 -23.39	100.65 4.76 -23.74	97.41 4.76 -20.50	100.31 4.70 -23.32	95.16 5.44 -8.59	104.03 5.42 -15.18	131.69 5.81 -37.82	151.39 5.81 -57.51	116.85 5.78 -23.45	105.00 5.79 -11.41	99.67 5.26 -13.44	93.11 4.92 -10.14	91.80 4.39 -15.41
CRUCIBLE_METL_DRP 24180	90.40 -0.79 -3.57	85.91 -1.02 -1.69	82.84 -1.06 -2.09	81.94 -1.06 -1.19	81.28 -1.05 -1.36	75.41 -0.95 -3.08	83.13 -0.81 -2.73	73.80 -0.86 -2.74	79.47 -0.94 -2.37	82.95 -0.81 -2.45	73.83 -0.80 -1.78	76.50 -0.83 -2.26	73.43 -1.01 -2.29	73.19 -0.94 -1.98	73.68 -0.87 -2.25	81.07 -0.89 -0.83	84.14 -0.75 -1.47	89.50 -0.53 -1.96	91.41 -0.53 -3.86	87.32 -0.88 -0.58	87.42 -0.79 -0.41	80.52 -1.05 -0.60	77.04 -1.01 0.00	72.55 -0.94 -1.49
DAHOWA__HYDRO 323763	138.90 7.09 -44.19	113.05 6.90 -20.90	114.20 6.55 -25.83	103.07 6.55 -14.71	104.42 6.56 -16.89	117.43 6.01 -38.14	121.76 6.74 -33.81	111.52 5.61 -33.98	113.77 6.40 -29.34	118.44 6.74 -30.39	100.78 5.90 -22.02	108.66 5.63 -27.96	105.73 5.20 -28.38	101.86 5.20 -24.51	105.60 5.42 -27.88	97.74 6.33 -10.27	108.42 6.84 -18.15	185.78 7.48 -90.24	209.42 7.58 -113.77	168.13 7.44 -73.07	127.32 7.46 -32.06	122.32 6.72 -34.63	122.60 6.32 -38.23	96.11 5.69 -18.42
DANC__LFGE 323619	89.92 0.09 -2.22	86.12 -0.17 -1.05	82.71 -0.41 -1.30	82.23 -0.33 -0.74	81.41 -0.40 -0.85	74.84 -0.36 -1.92	82.67 -0.24 -1.70	73.41 -0.22 -1.71	79.43 -0.08 -1.47	82.59 -0.24 -1.53	73.82 -0.15 -1.11	76.32 -0.15 -1.40	73.29 -0.29 -1.43	73.17 -0.22 -1.23	73.48 -0.22 -1.40	81.73 0.08 -0.52	85.00 0.66 -0.91	90.26 0.97 -1.22	91.54 1.06 -2.40	88.59 0.62 -0.36	88.50 0.44 -0.26	81.26 -0.08 -0.37	77.82 -0.23 0.00	72.50 -0.43 -0.93
DANSKAMMER__1 23586	128.91 6.13 -35.17	107.84 5.96 -16.63	107.94 5.57 -20.56	99.00 5.48 -11.70	99.84 5.43 -13.44	108.47 4.84 -30.35	113.72 5.60 -26.90	103.78 4.82 -27.04	107.00 5.62 -23.35	111.51 6.02 -24.18	95.85 5.47 -17.52	102.79 5.48 -22.25	99.93 5.20 -22.58	96.85 5.20 -19.50	99.54 5.06 -22.19	95.23 5.92 -8.17	103.95 6.09 -14.44	130.01 6.61 -35.33	148.83 6.69 -54.06	115.86 6.57 -21.67	104.98 6.59 -10.59	99.40 5.91 -12.52	92.70 5.38 -9.27	91.41 4.75 -14.66
DANSKAMMER__2 23589	128.91 6.13 -35.17	107.84 5.96 -16.63	107.94 5.57 -20.56	99.00 5.48 -11.70	99.84 5.43 -13.44	108.47 4.84 -30.35	113.72 5.60 -26.90	103.78 4.82 -27.04	107.00 5.62 -23.35	111.51 6.02 -24.18	95.85 5.47 -17.52	102.79 5.48 -22.25	99.93 5.20 -22.58	96.85 5.20 -19.50	99.54 5.06 -22.19	95.23 5.92 -8.17	103.95 6.09 -14.44	130.01 6.61 -35.33	148.83 6.69 -54.06	115.86 6.57 -21.67	104.98 6.59 -10.59	99.40 5.91 -12.52	92.70 5.38 -9.27	91.41 4.75 -14.66
DANSKAMMER__3 23590	128.91 6.13 -35.17	107.84 5.96 -16.63	107.94 5.57 -20.56	99.00 5.48 -11.70	99.84 5.43 -13.44	108.47 4.84 -30.35	113.72 5.60 -26.90	103.78 4.82 -27.04	107.00 5.62 -23.35	111.51 6.02 -24.18	95.85 5.47 -17.52	102.79 5.48 -22.25	99.93 5.20 -22.58	96.85 5.20 -19.50	99.54 5.06 -22.19	95.23 5.92 -8.17	103.95 6.09 -14.44	130.01 6.61 -35.33	148.83 6.69 -54.06	115.86 6.57 -21.67	104.98 6.59 -10.59	99.40 5.91 -12.52	92.70 5.38 -9.27	91.41 4.75 -14.66

DANSKAMMER___4 23591	128.91 6.13 -35.17	107.84 5.96 -16.63	107.94 5.57 -20.56	99.00 5.48 -11.70	99.84 5.43 -13.44	108.47 4.84 -30.35	113.72 5.60 -26.90	103.78 4.82 -27.04	107.00 5.62 -23.35	111.51 6.02 -24.18	95.85 5.47 -17.52	102.79 5.48 -22.25	99.93 5.20 -22.58	96.85 5.20 -19.50	99.54 5.06 -22.19	95.23 5.92 -8.17	103.95 6.09 -14.44	130.01 6.61 -35.33	148.83 6.69 -54.06	115.86 6.57 -21.67	104.98 6.59 -10.59	99.40 5.91 -12.52	92.70 5.38 -9.27	91.41 4.75 -14.66
DANSKAMMER___DIESEL 23592	129.00 6.22 -35.17	107.84 5.97 -16.63	107.94 5.56 -20.56	99.00 5.48 -11.70	99.84 5.42 -13.44	108.47 4.84 -30.35	113.72 5.60 -26.90	103.78 4.82 -27.04	107.00 5.62 -23.35	111.51 6.02 -24.18	95.84 5.46 -17.52	102.80 5.48 -22.25	99.93 5.19 -22.58	96.92 5.27 -19.50	99.54 5.06 -22.19	95.31 6.00 -8.17	103.96 6.09 -14.44	130.00 6.60 -35.33	148.83 6.69 -54.06	115.77 6.48 -21.67	104.98 6.58 -10.59	99.32 5.83 -12.52	92.71 5.39 -9.27	91.41 4.75 -14.66
DARBY___SOLAR 323810	138.37 6.66 -44.10	112.58 6.48 -20.86	113.65 6.05 -25.78	102.64 6.14 -14.68	103.90 6.08 -16.86	116.91 5.57 -38.06	121.21 6.25 -33.74	111.08 5.25 -33.91	113.24 5.93 -29.28	117.89 6.26 -30.33	100.30 5.47 -21.98	108.22 5.25 -27.90	105.31 4.83 -28.32	101.44 4.83 -24.46	105.17 5.06 -27.82	97.30 5.92 -10.25	107.87 6.34 -18.11	184.26 6.96 -89.23	207.84 7.05 -112.72	166.64 6.92 -72.10	126.39 6.93 -31.66	121.51 6.32 -34.22	121.65 5.93 -37.68	95.71 5.33 -18.38
DASHVILLE___HYD 23610	128.16 4.38 -36.17	106.53 4.18 -17.11	106.89 3.93 -21.14	97.78 3.93 -12.04	98.68 3.89 -13.83	107.94 3.44 -31.21	112.86 3.98 -27.67	103.11 3.38 -27.81	106.18 4.14 -24.01	110.49 4.31 -24.87	94.81 3.93 -18.02	101.93 3.98 -22.88	99.13 3.75 -23.23	95.96 3.75 -20.06	98.72 3.61 -22.82	93.84 4.30 -8.40	102.70 4.42 -14.85	131.94 4.84 -39.03	151.21 4.84 -58.29	117.33 4.73 -24.98	104.54 4.74 -12.00	99.17 4.21 -13.99	92.89 3.75 -11.10	90.31 3.24 -15.07
DEERFIELD_69_KV_DEERFIELD LD 355887	145.42 9.11 -48.69	138.64 8.61 -44.79	129.57 8.10 -39.65	121.66 7.94 -31.90	121.72 7.85 -32.90	116.92 6.96 -36.67	136.71 8.28 -47.21	141.72 7.48 -62.33	148.17 8.58 -61.55	147.76 9.11 -57.35	137.74 7.94 -56.94	127.27 8.11 -44.10	120.16 7.65 -40.36	119.93 7.72 -40.06	102.54 7.66 -22.58	133.87 8.76 -43.97	150.31 9.01 -57.88	176.96 9.86 -79.03	178.92 9.34 -81.51	156.48 8.94 -59.93	147.55 8.96 -50.80	136.65 8.02 -47.66	118.86 7.57 -33.24	94.78 7.13 -15.65
DELAWARE___LFGE 323621	105.98 3.15 -15.21	95.51 3.07 -7.19	93.65 2.95 -8.89	89.82 2.95 -5.06	89.70 2.91 -5.81	89.05 2.64 -13.13	95.86 3.00 -11.63	86.13 2.52 -11.70	91.09 2.97 -10.10	94.93 3.17 -10.46	83.35 2.91 -7.58	87.69 3.00 -9.62	84.66 2.74 -9.77	83.33 2.74 -8.43	84.56 2.67 -9.59	87.59 2.92 -3.53	92.92 3.25 -6.25	113.65 3.52 -22.06	121.86 3.61 -30.17	107.18 3.42 -16.15	98.58 3.42 -7.36	92.02 2.83 -8.22	88.65 2.65 -7.95	80.57 2.23 -6.34
DERFIELD_115KV_TB7 355931	88.41 0.79 0.00	85.92 0.68 0.00	82.47 0.65 0.00	82.47 0.65 0.00	81.62 0.65 0.00	73.87 0.59 0.00	81.95 0.73 0.00	72.42 0.50 0.00	78.73 0.70 0.00	82.04 0.73 0.00	73.51 0.66 0.00	75.74 0.68 0.00	72.80 0.65 0.00	72.80 0.65 0.00	72.94 0.65 0.00	81.87 0.73 0.00	84.18 0.75 0.00	88.86 0.79 0.00	88.96 0.88 0.00	88.41 0.79 0.00	88.59 0.79 0.00	81.70 0.73 0.00	78.67 0.62 0.00	72.50 0.50 0.00
DOGLEVILLE___HYD 23807	91.65 4.03 0.00	89.08 3.84 0.00	85.41 3.60 0.00	85.33 3.52 0.00	84.53 3.56 0.00	76.51 3.22 0.00	84.79 3.57 0.00	74.87 2.95 0.00	81.16 3.12 0.00	84.39 3.09 0.00	75.55 2.70 0.00	77.85 2.78 0.00	74.67 2.52 0.00	74.67 2.52 0.00	74.82 2.53 0.00	84.05 2.92 0.00	86.34 2.92 0.00	91.23 3.17 0.00	91.34 3.26 0.00	90.68 3.07 0.00	90.87 3.07 0.00	84.04 3.08 0.00	81.02 2.97 0.00	74.59 2.59 0.00
DUNKIRK___115KV_TB_200 55889	86.68 -6.83 -5.90	80.70 -7.33 -2.79	78.15 -7.12 -3.45	76.74 -7.04 -1.96	76.10 -7.13 -2.26	72.22 -6.16 -5.09	79.31 -6.42 -4.51	69.05 -7.41 -4.54	69.11 -7.96 0.96	69.66 -6.91 4.74	63.15 -6.27 3.44	64.04 -7.13 3.89	63.25 -7.50 1.40	63.49 -7.36 1.30	61.34 -7.23 3.72	73.49 -8.11 -0.47	75.90 -8.34 -0.82	82.05 -8.63 -2.62	88.45 -8.54 -8.91	82.19 -9.02 -3.60	81.64 -7.99 -1.83	74.38 -8.74 -2.16	72.50 -7.18 -1.63	68.56 -5.90 -2.46
DUNKIRK___1 23563	86.68 -6.83 -5.90	80.70 -7.33 -2.79	78.15 -7.12 -3.45	76.74 -7.04 -1.96	76.10 -7.13 -2.26	72.22 -6.16 -5.09	79.31 -6.42 -4.51	69.05 -7.41 -4.54	69.11 -7.96 0.96	69.66 -6.91 4.74	63.15 -6.27 3.44	64.04 -7.13 3.89	63.25 -7.50 1.40	63.49 -7.36 1.30	61.34 -7.23 3.72	73.49 -8.11 -0.47	75.90 -8.34 -0.82	82.05 -8.63 -2.62	88.45 -8.54 -8.91	82.19 -9.02 -3.60	81.64 -7.99 -1.83	74.38 -8.74 -2.16	72.50 -7.18 -1.63	68.56 -5.90 -2.46
DUNKIRK___2 23564	86.68 -6.83 -5.90	80.70 -7.33 -2.79	78.15 -7.12 -3.45	76.74 -7.04 -1.96	76.10 -7.13 -2.26	72.22 -6.16 -5.09	79.31 -6.42 -4.51	69.05 -7.41 -4.54	69.11 -7.96 0.96	69.66 -6.91 4.74	63.15 -6.27 3.44	64.04 -7.13 3.89	63.25 -7.50 1.40	63.49 -7.36 1.30	61.34 -7.23 3.72	73.49 -8.11 -0.47	75.90 -8.34 -0.82	82.05 -8.63 -2.62	88.45 -8.54 -8.91	82.19 -9.02 -3.60	81.64 -7.99 -1.83	74.38 -8.74 -2.16	72.50 -7.18 -1.63	68.56 -5.90 -2.46
DUNKIRK___3 23565	86.44 -7.01 -5.83	80.50 -7.50 -2.76	77.94 -7.28 -3.41	76.56 -7.20 -1.94	75.99 -7.21 -2.23	72.01 -6.30 -5.03	79.01 -6.66 -4.46	68.78 -7.62 -4.48	68.43 -8.12 1.48	68.66 -6.99 5.65	62.34 -6.41 4.11	63.10 -7.28 4.68	62.71 -7.65 1.79	62.98 -7.50 1.66	60.43 -7.37 4.49	73.17 -8.44 -0.47	75.57 -8.68 -0.82	81.49 -8.89 -2.32	87.98 -8.90 -8.80	81.87 -9.29 -3.54	81.35 -8.25 -1.81	74.11 -8.99 -2.13	72.25 -7.41 -1.61	68.31 -6.12 -2.43
DUNKIRK___4 23566	86.44 -7.01 -5.83	80.50 -7.50 -2.76	77.94 -7.28 -3.41	76.56 -7.20 -1.94	75.99 -7.21 -2.23	72.01 -6.30 -5.03	79.01 -6.66 -4.46	68.78 -7.62 -4.48	68.43 -8.12 1.48	68.66 -6.99 5.65	62.34 -6.41 4.11	63.10 -7.28 4.68	62.71 -7.65 1.79	62.98 -7.50 1.66	60.43 -7.37 4.49	73.17 -8.44 -0.47	75.57 -8.68 -0.82	81.49 -8.89 -2.32	87.98 -8.90 -8.80	81.87 -9.29 -3.54	81.35 -8.25 -1.81	74.11 -8.99 -2.13	72.25 -7.41 -1.61	68.31 -6.12 -2.43
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	128.84 6.05 -35.18	107.59 5.71 -16.64	107.70 5.32 -20.56	98.76 5.24 -11.71	99.60 5.18 -13.45	108.26 4.62 -30.36	113.57 5.44 -26.91	103.79 4.82 -27.05	107.08 5.70 -23.35	111.59 6.10 -24.19	95.92 5.54 -17.53	102.95 5.63 -22.26	100.08 5.34 -22.59	97.00 5.34 -19.51	99.69 5.21 -22.19	95.39 6.09 -8.17	103.96 6.09 -14.45	129.66 6.43 -35.17	148.49 6.52 -53.90	115.51 6.40 -21.50	104.73 6.41 -10.52	99.33 5.91 -12.45	92.68 5.46 -9.17	91.41 4.75 -14.66
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	127.05 5.34 -34.09	106.39 5.03 -16.12	106.49 4.75 -19.92	97.83 4.66 -11.34	98.61 4.62 -13.03	106.81 4.10 -29.42	112.08 4.79 -26.08	102.23 4.10 -26.21	105.58 4.92 -22.63	109.95 5.20 -23.44	94.58 4.74 -16.98	101.36 4.73 -21.57	98.58 4.55 -21.89	95.60 4.55 -18.90	98.21 4.41 -21.50	94.25 5.19 -7.92	102.76 5.34 -14.00	128.04 5.72 -34.25	146.20 5.72 -52.40	114.23 5.61 -21.00	103.77 5.71 -10.27	98.21 5.10 -12.14	91.72 4.68 -8.99	90.31 4.10 -14.21

E179THST_138_KV_TB4_REV_LBMP_J 345001	129.72 6.92 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.25 5.73 -11.71	100.00 5.59 -13.45	108.26 4.62 -30.36	113.57 5.44 -26.91	103.93 4.96 -27.05	107.32 5.93 -23.35	111.76 6.26 -24.19	96.16 5.76 -17.54	103.12 5.78 -22.27	100.22 5.48 -22.59	97.21 5.56 -19.51	99.91 5.42 -22.19	95.74 6.41 -8.19	104.29 6.42 -14.45	129.84 6.60 -35.17	148.67 6.69 -53.90	115.69 6.57 -21.50	105.00 6.67 -10.52	99.90 6.48 -12.45	93.15 5.93 -9.17	92.06 5.40 -14.66
E179THST_13_KV_LOAD 356214	130.15 7.36 -35.18	108.62 6.73 -16.64	108.52 6.14 -20.56	99.58 6.05 -11.71	100.33 5.91 -13.45	108.55 4.91 -30.36	113.89 5.77 -26.91	104.22 5.25 -27.05	107.63 6.24 -23.35	112.16 6.67 -24.19	96.52 6.12 -17.54	103.49 6.16 -22.27	100.58 5.84 -22.59	97.57 5.92 -19.51	100.20 5.71 -22.19	96.14 6.82 -8.19	104.71 6.84 -14.45	130.28 7.05 -35.17	149.11 7.13 -53.90	116.12 7.01 -21.50	105.43 7.11 -10.52	100.22 6.80 -12.45	93.54 6.32 -9.17	92.35 5.69 -14.66
EAST HAMPTON___GT 23717	144.80 8.50 -48.69	138.05 8.01 -44.79	128.91 7.44 -39.65	121.09 7.37 -31.90	121.16 7.29 -32.90	116.40 6.45 -36.67	136.14 7.72 -47.21	141.22 6.97 -62.33	147.70 8.12 -61.55	147.36 8.70 -57.35	137.08 7.28 -56.94	126.74 7.58 -44.10	119.66 7.14 -40.36	119.35 7.14 -40.06	101.96 7.09 -22.58	133.22 8.11 -43.97	149.73 8.42 -57.88	176.52 9.43 -79.03	177.96 8.37 -81.51	155.60 8.06 -59.93	146.50 7.91 -50.80	135.67 7.04 -47.66	117.84 6.56 -33.24	94.20 6.55 -15.65
EAST RIVER___6 23660	129.37 6.57 -35.18	108.02 6.14 -16.64	108.02 5.64 -20.56	99.17 5.64 -11.71	100.00 5.58 -13.45	108.55 4.91 -30.36	113.98 5.85 -26.91	104.22 5.25 -27.05	107.63 6.24 -23.35	112.24 6.74 -24.19	96.59 6.19 -17.54	103.56 6.23 -22.27	100.66 5.92 -22.59	97.64 5.99 -19.51	100.27 5.79 -22.19	96.05 6.73 -8.19	104.46 6.59 -14.44	130.19 6.96 -35.16	148.93 6.96 -53.90	116.03 6.92 -21.50	105.26 6.93 -10.52	99.81 6.39 -12.45	93.15 5.93 -9.17	91.85 5.19 -14.66
EAST RIVER___7 23524	129.37 6.57 -35.18	108.02 6.14 -16.64	108.02 5.64 -20.56	99.17 5.64 -11.71	100.00 5.58 -13.45	108.55 4.91 -30.36	113.98 5.85 -26.91	104.22 5.25 -27.05	107.63 6.24 -23.35	112.24 6.74 -24.19	96.59 6.19 -17.54	103.56 6.23 -22.27	100.66 5.92 -22.59	97.64 5.99 -19.51	100.27 5.79 -22.19	96.05 6.73 -8.19	104.46 6.59 -14.44	130.19 6.96 -35.16	148.93 6.96 -53.90	116.03 6.92 -21.50	105.26 6.93 -10.52	99.81 6.39 -12.45	93.15 5.93 -9.17	91.85 5.19 -14.66
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	128.59 5.87 -35.10	107.39 5.54 -16.60	107.49 5.15 -20.52	98.57 5.07 -11.68	99.41 5.02 -13.42	108.05 4.47 -30.29	113.27 5.20 -26.85	103.52 4.60 -26.99	106.80 5.46 -23.30	111.30 5.85 -24.14	95.67 5.32 -17.49	102.68 5.40 -22.21	99.81 5.12 -22.54	96.81 5.19 -19.47	99.50 5.06 -22.14	95.13 5.84 -8.16	103.68 5.84 -14.41	129.41 6.25 -35.09	148.12 6.25 -53.79	115.20 6.13 -21.45	104.53 6.23 -10.50	99.06 5.67 -12.43	92.43 5.23 -9.15	91.24 4.61 -14.63
EAST_HAMPTON___DIESEL 23722	144.63 8.33 -48.69	137.87 7.84 -44.79	128.75 7.28 -39.65	120.83 7.11 -31.90	121.00 7.13 -32.90	116.26 6.30 -36.67	135.98 7.55 -47.21	141.08 6.84 -62.33	147.46 7.88 -61.55	147.19 8.53 -57.35	136.86 7.07 -56.94	126.60 7.43 -44.10	119.51 7.00 -40.36	119.21 7.00 -40.06	101.82 6.94 -22.58	133.06 7.96 -43.97	149.56 8.26 -57.88	176.34 9.24 -79.03	177.68 8.10 -81.51	155.34 7.80 -59.93	146.23 7.63 -50.80	135.43 6.80 -47.66	117.61 6.32 -33.24	94.06 6.41 -15.65
EAST_POINT___SOLAR 323840	143.23 7.19 -48.43	115.22 7.07 -22.91	116.59 6.46 -28.31	104.48 6.55 -16.12	106.04 6.56 -18.51	121.24 6.16 -41.79	125.25 6.99 -37.05	114.84 5.68 -37.24	116.27 6.09 -32.15	119.97 5.36 -33.30	100.99 4.00 -24.13	108.56 2.85 -30.64	105.56 2.31 -31.10	101.31 2.31 -26.86	105.81 2.97 -30.55	97.01 4.62 -11.25	109.90 6.59 -19.89	188.50 8.01 -92.42	214.47 8.19 -118.21	169.27 8.06 -73.60	128.19 7.91 -32.49	123.29 7.04 -35.29	122.51 6.32 -38.14	97.51 5.33 -20.18
EAST_PULASKI___ESR 323781	89.02 -1.14 -2.54	85.17 -1.28 -1.20	81.99 -1.31 -1.49	81.35 -1.31 -0.85	80.56 -1.38 -0.97	74.23 -1.25 -2.19	81.95 -1.22 -1.95	72.72 -1.15 -1.96	78.55 -1.17 -1.69	81.84 -1.22 -1.75	73.03 -1.09 -1.27	75.55 -1.12 -1.61	72.56 -1.23 -1.63	72.33 -1.23 -1.41	72.74 -1.16 -1.60	80.67 -1.06 -0.59	83.72 -0.75 -1.04	88.94 -0.53 -1.40	90.30 -0.53 -2.75	87.07 -0.96 -0.41	87.21 -0.88 -0.29	80.10 -1.30 -0.43	76.72 -1.33 0.00	71.77 -1.29 -1.06
EAST_RIVER___1 323558	129.37 6.57 -35.18	108.02 6.14 -16.64	108.02 5.64 -20.56	99.17 5.64 -11.71	100.00 5.58 -13.45	108.55 4.91 -30.36	113.89 5.77 -26.91	104.15 5.18 -27.05	107.55 6.16 -23.35	112.08 6.58 -24.19	96.44 6.04 -17.54	103.41 6.08 -22.27	100.51 5.77 -22.59	97.50 5.84 -19.51	100.19 5.71 -22.19	95.89 6.57 -8.19	104.29 6.42 -14.44	130.01 6.78 -35.16	148.85 6.87 -53.90	115.86 6.75 -21.50	105.08 6.76 -10.52	99.74 6.32 -12.45	93.15 5.93 -9.17	91.85 5.19 -14.66
EAST_RIVER___2 323559	129.37 6.57 -35.18	108.02 6.14 -16.64	108.02 5.64 -20.56	99.17 5.64 -11.71	100.00 5.58 -13.45	108.55 4.91 -30.36	113.98 5.85 -26.91	104.22 5.25 -27.05	107.63 6.24 -23.35	112.24 6.74 -24.19	96.59 6.19 -17.54	103.56 6.23 -22.27	100.66 5.92 -22.59	97.64 5.99 -19.51	100.27 5.79 -22.19	96.05 6.73 -8.19	104.46 6.59 -14.44	130.19 6.96 -35.16	148.93 6.96 -53.90	116.03 6.92 -21.50	105.26 6.93 -10.52	99.81 6.39 -12.45	93.15 5.93 -9.17	91.85 5.19 -14.66
EAST___DELAWARE_HYD 23607	124.99 5.26 -32.11	105.55 5.11 -15.19	105.33 4.74 -18.77	97.25 4.74 -10.69	97.86 4.61 -12.28	105.17 4.18 -27.71	110.65 4.87 -24.57	100.71 4.10 -24.69	104.11 4.76 -21.32	108.35 4.96 -22.08	93.38 4.52 -16.00	99.89 4.50 -20.32	97.03 4.26 -20.62	94.21 4.26 -17.81	96.67 4.12 -20.26	93.55 4.95 -7.46	101.87 5.26 -13.19	126.70 5.72 -32.91	143.99 5.90 -50.01	113.83 5.78 -20.43	103.44 5.70 -9.94	97.69 5.02 -11.70	91.34 4.45 -8.84	89.27 3.89 -13.38
EIGHT_POINT___WT_PWR 323820	89.84 -4.99 -7.22	83.54 -5.11 -3.41	80.88 -5.15 -4.22	79.07 -5.15 -2.40	78.06 -5.67 -2.76	74.60 -4.91 -6.23	81.70 -5.04 -5.52	71.86 -5.61 -5.55	92.83 -6.40 -21.20	110.24 -5.77 -34.71	92.86 -5.17 -25.17	98.99 -6.31 -30.23	79.73 -6.86 -14.44	78.80 -6.86 -13.51	95.54 -6.22 -29.47	74.29 -6.49 0.35	76.85 -5.92 0.66	96.33 -5.46 -13.72	93.47 -5.28 -10.68	87.58 -4.65 -4.61	85.60 -4.47 -2.28	78.54 -5.10 -2.67	75.33 -4.76 -2.05	70.83 -4.18 -3.01
ELBRIDGE_115KV_TB2 80188	90.09 -1.31 -3.78	85.58 -1.45 -1.79	82.56 -1.47 -2.21	81.60 -1.47 -1.26	80.96 -1.46 -1.45	75.23 -1.32 -3.27	82.89 -1.22 -2.89	73.53 -1.29 -2.91	79.14 -1.40 -2.51	82.52 -1.38 -2.60	73.43 -1.31 -1.89	76.11 -1.35 -2.39	73.14 -1.44 -2.43	72.81 -1.44 -2.10	73.38 -1.30 -2.39	80.64 -1.38 -0.88	83.64 -1.33 -1.55	89.00 -1.14 -2.08	91.03 -1.14 -4.10	86.83 -1.40 -0.61	86.92 -1.32 -0.44	80.07 -1.54 -0.64	76.57 -1.48 0.00	72.28 -1.30 -1.58
ELEC_TRO_TEK 24086	143.40 7.10 -48.69	136.77 6.73 -44.79	127.77 6.30 -39.65	120.02 6.30 -31.90	120.10 6.23 -32.90	115.52 5.57 -36.67	134.84 6.42 -47.21	139.85 5.61 -62.33	146.14 6.55 -61.55	145.73 7.07 -57.35	136.21 6.41 -56.94	125.62 6.46 -44.10	118.64 6.13 -40.36	118.41 6.20 -40.06	100.95 6.07 -22.58	132.09 6.98 -43.97	148.31 7.01 -57.88	174.58 7.49 -79.03	177.07 7.49 -81.51	154.99 7.45 -59.93	146.06 7.46 -50.80	135.43 6.80 -47.66	117.61 6.32 -33.24	93.27 5.62 -15.65

ELLENBURG_WT_PWR 323604	85.51 -2.10 0.00	83.29 -1.96 0.00	80.18 -1.64 0.00	80.10 -1.72 0.00	79.19 -1.78 0.00	71.38 -1.91 0.00	78.30 -2.92 0.00	69.76 -2.16 0.00	75.23 -2.81 0.00	78.30 -3.01 0.00	70.01 -2.84 0.00	71.99 -3.08 0.00	69.48 -2.67 0.00	69.41 -2.74 0.00	69.40 -2.89 0.00	78.05 -3.08 0.00	80.17 -3.25 0.00	84.45 -3.61 0.00	84.91 -3.17 0.00	84.99 -2.63 0.00	84.90 -2.90 0.00	78.95 -2.02 0.00	76.02 -2.03 0.00	70.27 -1.73 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	86.09 -7.18 -5.66	80.33 -7.59 -2.68	77.76 -7.36 -3.31	76.42 -7.28 -1.88	75.84 -7.29 -2.16	71.79 -6.38 -4.88	78.72 -6.82 -4.33	68.36 -7.91 -4.35	68.07 -8.35 1.61	67.85 -7.64 5.82	61.64 -6.99 4.22	62.60 -7.66 4.81	62.23 -8.08 1.84	62.43 -8.01 1.71	59.94 -7.74 4.62	72.69 -8.92 -0.48	74.92 -9.34 -0.84	80.54 -9.69 -2.17	87.02 -9.60 -8.55	80.96 -10.08 -3.42	80.51 -9.04 -1.75	73.56 -9.47 -2.06	71.73 -7.88 -1.56	68.02 -6.34 -2.36
EMPIRE_CC_1 323656	133.34 4.29 -41.43	108.85 4.01 -19.60	109.88 3.85 -24.22	99.45 3.85 -13.79	100.61 3.81 -15.84	112.48 3.45 -35.75	116.81 3.90 -31.69	107.09 3.31 -31.86	109.36 3.82 -27.50	113.86 4.06 -28.49	97.14 3.64 -20.64	105.03 3.75 -26.21	102.29 3.53 -26.60	98.66 3.53 -22.97	101.97 3.54 -26.14	94.82 4.06 -9.63	104.61 4.17 -17.01	141.94 4.31 -49.56	164.10 4.40 -71.62	125.37 4.29 -33.47	107.91 4.39 -15.72	102.96 3.97 -18.02	97.47 3.90 -15.52	92.79 3.53 -17.27
EMPIRE_CC_2 323658	133.34 4.29 -41.43	108.85 4.01 -19.60	109.88 3.85 -24.22	99.45 3.85 -13.79	100.61 3.81 -15.84	112.48 3.45 -35.75	116.81 3.90 -31.69	107.09 3.31 -31.86	109.36 3.82 -27.50	113.86 4.06 -28.49	97.14 3.64 -20.64	105.03 3.75 -26.21	102.29 3.53 -26.60	98.66 3.53 -22.97	101.97 3.54 -26.14	94.82 4.06 -9.63	104.61 4.17 -17.01	141.94 4.31 -49.56	164.10 4.40 -71.62	125.37 4.29 -33.47	107.91 4.39 -15.72	102.96 3.97 -18.02	97.47 3.90 -15.52	92.79 3.53 -17.27
ENORWICH_115KV_TB1 80156	104.88 6.40 -10.87	96.26 5.88 -5.14	93.41 5.24 -6.35	90.59 5.15 -3.62	90.30 5.18 -4.15	87.43 4.76 -9.38	95.21 5.69 -8.31	85.17 4.89 -8.36	91.49 5.38 -8.07	95.61 5.28 -9.02	83.99 4.59 -6.54	87.93 4.65 -8.21	85.89 4.11 -9.63	84.34 4.04 -8.15	84.53 4.05 -8.19	89.99 5.03 -3.82	96.63 6.42 -6.78	110.25 7.31 -14.88	115.17 7.66 -19.44	103.52 6.92 -8.98	98.78 6.76 -4.22	91.05 5.26 -4.82	87.01 4.76 -4.20	80.63 4.10 -4.53
ERIE_ST__34_KV_TB1-2 80199	85.80 -7.71 -5.90	79.93 -8.10 -2.79	77.41 -7.85 -3.45	76.01 -7.77 -1.96	75.37 -7.85 -2.25	71.49 -6.89 -5.09	78.42 -7.31 -4.51	68.33 -8.13 -4.53	68.94 -8.51 0.58	71.11 -6.18 4.01	64.55 -5.39 2.91	64.63 -7.13 3.30	63.60 -7.50 1.05	63.79 -7.36 1.00	61.41 -7.74 3.15	72.79 -8.84 -0.49	75.02 -9.26 -0.86	81.47 -9.42 -2.83	87.48 -9.51 -8.91	81.57 -9.64 -3.60	81.20 -8.43 -1.83	73.57 -9.55 -2.15	72.11 -7.57 -1.63	67.76 -6.70 -2.46
ERIE_WT_PWR 323693	85.79 -7.62 -5.80	80.31 -7.67 -2.74	77.76 -7.44 -3.39	76.38 -7.36 -1.93	75.82 -7.37 -2.22	71.77 -6.52 -5.01	78.75 -6.90 -4.44	68.47 -7.91 -4.46	68.34 -8.43 1.26	68.77 -7.32 5.22	62.44 -6.63 3.79	63.16 -7.58 4.33	62.63 -7.94 1.58	62.80 -7.86 1.49	60.42 -7.73 4.14	72.78 -8.84 -0.48	75.00 -9.26 -0.84	80.89 -9.60 -2.42	87.42 -9.42 -8.76	82.12 -9.02 -3.53	80.82 -8.78 -1.80	74.26 -8.82 -2.12	71.93 -7.73 -1.60	68.08 -6.34 -2.42
ESPRGFLD_115KV_TB1 80157	91.38 3.77 0.00	88.91 3.67 0.00	85.17 3.35 0.00	85.17 3.35 0.00	84.37 3.40 0.00	76.44 3.15 0.00	84.87 3.65 0.00	74.94 3.02 0.00	81.54 3.51 0.00	84.72 3.41 0.00	75.70 2.84 0.00	77.77 2.70 0.00	74.46 2.31 0.00	74.46 2.31 0.00	74.75 2.46 0.00	84.14 3.00 0.00	87.26 3.84 0.00	141.24 4.58 -48.59	141.34 4.67 -48.60	140.59 4.38 -48.59	111.98 4.30 -19.88	104.57 3.56 -20.04	109.36 3.12 -28.18	74.52 2.52 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	96.65 1.23 -7.81	89.87 0.94 -3.69	87.20 0.82 -4.56	85.15 0.74 -2.60	84.68 0.73 -2.98	80.68 0.66 -6.74	88.33 1.14 -5.97	78.71 0.79 -6.00	85.51 0.86 -6.62	90.33 1.06 -7.97	79.44 0.80 -5.78	83.00 0.75 -7.19	83.66 0.51 -11.01	81.74 0.51 -9.08	80.14 0.65 -7.19	87.03 0.89 -5.01	93.58 1.25 -8.90	101.83 1.67 -12.09	103.27 1.67 -13.52	94.20 1.31 -5.27	91.75 1.40 -2.55	84.76 0.81 -2.98	81.09 0.70 -2.34	75.90 0.65 -3.25
ETNA____115KV_TB2 80207	96.65 1.23 -7.81	89.87 0.94 -3.69	87.20 0.82 -4.56	85.15 0.74 -2.60	84.68 0.73 -2.98	80.68 0.66 -6.74	88.33 1.14 -5.97	78.71 0.79 -6.00	85.51 0.86 -6.62	90.33 1.06 -7.97	79.44 0.80 -5.78	83.00 0.75 -7.19	83.66 0.51 -11.01	81.74 0.51 -9.08	80.14 0.65 -7.19	87.03 0.89 -5.01	93.58 1.25 -8.90	101.83 1.67 -12.09	103.27 1.67 -13.52	94.20 1.31 -5.27	91.75 1.40 -2.55	84.76 0.81 -2.98	81.09 0.70 -2.34	75.90 0.65 -3.25
EUCLID____115KV_TB2 356179	88.75 -1.84 -2.98	84.69 -1.96 -1.41	81.67 -1.88 -1.74	80.84 -1.96 -0.99	80.16 -1.94 -1.14	74.10 -1.76 -2.57	81.79 -1.71 -2.28	72.48 -1.73 -2.29	78.21 -1.79 -1.98	81.48 -1.87 -2.05	72.59 -1.75 -1.48	75.22 -1.73 -1.88	72.26 -1.80 -1.91	72.00 -1.80 -1.65	72.51 -1.66 -1.88	79.96 -1.87 -0.69	82.90 -1.75 -1.22	88.03 -1.67 -1.64	89.62 -1.67 -3.22	86.17 -1.93 -0.48	86.30 -1.84 -0.34	79.45 -2.02 -0.50	76.10 -1.95 0.00	71.51 -1.73 -1.24
E_CANADA_CAP_HY 24051	142.83 4.90 -50.31	113.90 4.86 -23.80	115.64 4.42 -29.41	103.06 4.50 -16.74	104.73 4.53 -19.23	120.95 4.25 -43.42	124.57 4.87 -38.49	114.49 3.88 -38.69	115.72 4.29 -33.40	119.89 3.98 -34.60	101.13 3.20 -25.07	109.59 2.70 -31.83	106.77 2.31 -32.31	102.36 2.31 -27.90	106.71 2.68 -31.74	96.48 3.65 -11.69	108.67 4.59 -20.66	182.79 5.55 -89.18	209.69 5.64 -115.97	162.77 5.52 -69.63	124.11 5.36 -30.96	119.75 4.94 -33.84	118.08 4.37 -35.66	96.57 3.60 -20.97
E_CANADA_MHWK_HY 24050	91.65 4.03 0.00	89.08 3.84 0.00	85.41 3.60 0.00	85.33 3.52 0.00	84.53 3.56 0.00	76.51 3.22 0.00	84.79 3.57 0.00	74.87 2.95 0.00	81.16 3.12 0.00	84.39 3.09 0.00	75.55 2.70 0.00	77.85 2.78 0.00	74.67 2.52 0.00	74.67 2.52 0.00	74.82 2.53 0.00	84.05 2.92 0.00	86.34 2.92 0.00	91.23 3.17 0.00	91.34 3.26 0.00	90.68 3.07 0.00	90.87 3.07 0.00	84.04 3.08 0.00	81.02 2.97 0.00	74.59 2.59 0.00
E_FISHKILL____LBMP 23776	128.95 5.43 -35.90	107.34 5.11 -16.98	107.55 4.75 -20.99	98.51 4.75 -11.95	99.39 4.70 -13.73	108.45 4.18 -30.98	113.55 4.87 -27.47	103.77 4.24 -27.61	106.86 4.99 -23.84	111.36 5.37 -24.69	95.63 4.88 -17.89	102.74 4.95 -22.72	99.90 4.69 -23.06	96.82 4.76 -19.91	99.57 4.63 -22.65	94.83 5.35 -8.34	103.51 5.34 -14.74	129.66 5.72 -35.87	148.79 5.72 -54.99	115.14 5.61 -21.92	104.24 5.71 -10.73	98.85 5.18 -12.70	92.24 4.84 -9.35	91.21 4.25 -14.96
FALCON____SEABRD_CC1 323796	86.57 -1.05 0.00	84.31 -0.94 0.00	81.16 -0.66 0.00	81.16 -0.66 0.00	80.16 -0.81 0.00	72.33 -0.95 0.00	78.94 -2.27 0.00	70.27 -1.65 0.00	75.69 -2.34 0.00	78.78 -2.52 0.00	70.52 -2.33 0.00	72.51 -2.55 0.00	69.99 -2.16 0.00	69.84 -2.31 0.00	69.83 -2.46 0.00	78.54 -2.60 0.00	80.67 -2.75 0.00	84.98 -3.08 0.00	85.35 -2.73 0.00	85.51 -2.10 0.00	85.51 -2.28 0.00	79.51 -1.46 0.00	76.65 -1.40 0.00	71.28 -0.72 0.00

FALCON___SEABRD_CC2 323797	86.57 -1.05 0.00	84.31 -0.94 0.00	81.16 -0.66 0.00	81.16 -0.66 0.00	80.16 -0.81 0.00	72.33 -0.95 0.00	78.94 -2.27 0.00	70.27 -1.65 0.00	75.69 -2.34 0.00	78.78 -2.52 0.00	70.52 -2.33 0.00	72.51 -2.55 0.00	69.99 -2.16 0.00	69.84 -2.31 0.00	69.83 -2.46 0.00	78.54 -2.60 0.00	80.67 -2.75 0.00	84.98 -3.08 0.00	85.35 -2.73 0.00	85.51 -2.10 0.00	85.51 -2.28 0.00	79.51 -1.46 0.00	76.65 -1.40 0.00	71.28 -0.72 0.00
FAR ROCKAWAY___4 23548	144.63 8.32 -48.69	137.96 7.93 -44.79	128.92 7.45 -39.65	121.17 7.45 -31.90	121.16 7.29 -32.90	116.48 6.52 -36.67	135.90 7.47 -47.21	140.79 6.54 -62.33	147.23 7.65 -61.55	146.87 8.21 -57.35	137.16 7.36 -56.94	126.59 7.43 -44.10	119.58 7.07 -40.36	119.35 7.14 -40.06	101.89 7.01 -22.58	133.14 8.03 -43.97	149.56 8.26 -57.88	175.99 8.89 -79.03	178.57 8.98 -81.51	156.31 8.76 -59.93	147.37 8.78 -50.80	136.57 7.93 -47.66	118.70 7.41 -33.24	94.20 6.55 -15.65
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	129.45 6.66 -35.18	108.10 6.22 -16.64	108.11 5.73 -20.56	99.25 5.73 -11.71	100.00 5.59 -13.45	108.55 4.91 -30.36	113.97 5.85 -26.91	104.22 5.25 -27.05	107.55 6.16 -23.35	112.16 6.67 -24.19	96.45 6.05 -17.54	103.49 6.16 -22.27	100.58 5.84 -22.59	97.50 5.84 -19.51	100.19 5.71 -22.19	95.98 6.65 -8.19	104.38 6.51 -14.44	130.01 6.78 -35.16	148.84 6.87 -53.90	115.86 6.75 -21.50	105.08 6.76 -10.52	99.82 6.40 -12.45	93.15 5.93 -9.17	91.84 5.18 -14.66
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	129.45 6.66 -35.18	108.10 6.22 -16.64	108.11 5.73 -20.56	99.25 5.73 -11.71	100.08 5.67 -13.45	108.55 4.91 -30.36	113.97 5.85 -26.91	104.22 5.25 -27.05	107.63 6.24 -23.35	112.16 6.67 -24.19	96.45 6.05 -17.54	103.49 6.16 -22.27	100.58 5.84 -22.59	97.57 5.92 -19.51	100.19 5.71 -22.19	95.98 6.65 -8.19	104.38 6.51 -14.44	130.01 6.78 -35.16	148.84 6.87 -53.90	115.86 6.75 -21.50	105.17 6.85 -10.52	99.82 6.40 -12.45	93.15 5.93 -9.17	91.92 5.26 -14.66
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	129.36 6.57 -35.18	108.02 6.14 -16.64	108.02 5.65 -20.56	99.17 5.65 -11.71	100.00 5.59 -13.45	108.55 4.91 -30.36	113.89 5.77 -26.91	104.15 5.18 -27.05	107.55 6.16 -23.35	112.08 6.59 -24.19	96.45 6.05 -17.54	103.42 6.08 -22.27	100.51 5.77 -22.59	97.50 5.84 -19.51	100.19 5.71 -22.19	95.90 6.57 -8.19	104.29 6.42 -14.44	129.92 6.69 -35.16	148.75 6.78 -53.90	115.77 6.66 -21.50	105.08 6.76 -10.52	99.73 6.32 -12.45	93.15 5.93 -9.17	91.84 5.18 -14.66
FARRAGUT___LBMP 323566	129.28 6.48 -35.18	107.93 6.05 -16.64	108.02 5.65 -20.56	99.17 5.65 -11.71	99.92 5.51 -13.45	108.48 4.84 -30.36	113.89 5.77 -26.91	104.08 5.11 -27.05	107.47 6.09 -23.35	112.00 6.50 -24.19	96.37 5.97 -17.54	103.34 6.01 -22.27	100.44 5.70 -22.59	97.43 5.77 -19.51	100.12 5.64 -22.19	95.82 6.49 -8.19	104.29 6.42 -14.44	129.92 6.69 -35.16	148.67 6.69 -53.90	115.77 6.66 -21.50	104.99 6.67 -10.52	99.65 6.23 -12.45	93.07 5.85 -9.17	91.77 5.11 -14.66
FENNER___WINDPWR 24204	93.48 1.66 -4.20	88.68 1.45 -1.99	85.58 1.31 -2.45	84.52 1.31 -1.40	83.86 1.29 -1.60	78.15 1.24 -3.62	86.05 1.62 -3.21	76.44 1.30 -3.23	82.30 1.48 -2.79	85.82 1.63 -2.89	76.41 1.46 -2.09	79.15 1.42 -2.66	77.08 1.30 -3.63	76.49 1.30 -3.04	76.33 1.37 -2.66	84.34 1.62 -1.59	88.16 1.92 -2.81	93.16 2.20 -2.89	95.02 2.20 -4.74	90.21 1.93 -0.67	90.13 1.85 -0.48	83.05 1.38 -0.71	79.22 1.17 0.00	74.76 1.01 -1.75
FIBERTEK___ENERGY 23856	90.40 -0.79 -3.57	85.91 -1.02 -1.69	82.84 -1.06 -2.09	81.94 -1.06 -1.19	81.28 -1.05 -1.36	75.41 -0.95 -3.08	83.13 -0.81 -2.73	73.80 -0.86 -2.74	79.47 -0.94 -2.37	82.95 -0.81 -2.45	73.83 -0.80 -1.78	76.50 -0.83 -2.26	73.43 -1.01 -2.29	73.19 -0.94 -1.98	73.68 -0.87 -2.25	81.07 -0.89 -0.83	84.14 -0.75 -1.47	89.50 -0.53 -1.96	91.41 -0.53 -3.86	87.32 -0.88 -0.58	87.42 -0.79 -0.41	80.52 -1.05 -0.60	77.04 -1.01 0.00	72.55 -0.94 -1.49
FITZPATRICK____ 23598	86.56 -3.15 -2.10	83.08 -3.15 -0.99	80.02 -3.03 -1.23	79.41 -3.11 -0.70	78.78 -2.99 -0.80	72.31 -2.78 -1.81	79.90 -2.92 -1.61	70.80 -2.73 -1.61	76.46 -2.97 -1.39	79.66 -3.09 -1.44	71.06 -2.84 -1.05	73.54 -2.85 -1.33	70.61 -2.89 -1.35	70.50 -2.81 -1.16	70.87 -2.75 -1.32	78.54 -3.08 -0.49	81.20 -3.09 -0.86	86.14 -3.08 -1.16	87.26 -3.09 -2.27	84.54 -3.42 -0.34	84.79 -3.25 -0.24	78.08 -3.24 -0.35	75.01 -3.05 0.00	70.14 -2.74 -0.87
FLOWRFLD_69_KV_BK1 356044	144.98 8.67 -48.69	138.22 8.18 -44.79	129.08 7.61 -39.65	121.33 7.61 -31.90	121.40 7.53 -32.90	116.62 6.67 -36.67	136.22 7.80 -47.21	141.29 7.05 -62.33	147.62 8.04 -61.55	147.19 8.54 -57.35	137.52 7.72 -56.94	127.04 7.88 -44.10	120.01 7.50 -40.36	119.71 7.50 -40.06	102.32 7.45 -22.58	133.55 8.44 -43.97	149.81 8.51 -57.88	176.25 9.16 -79.03	178.74 9.16 -81.51	156.39 8.85 -59.93	147.55 8.96 -50.80	136.73 8.10 -47.66	118.94 7.65 -33.24	94.56 6.91 -15.65
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	129.32 6.40 -35.31	108.08 6.14 -16.70	108.19 5.73 -20.64	99.30 5.73 -11.75	100.05 5.59 -13.50	108.82 5.06 -30.47	114.00 5.77 -27.01	104.04 4.96 -27.15	107.33 5.85 -23.44	111.77 6.18 -24.28	96.06 5.61 -17.60	103.04 5.63 -22.34	100.24 5.41 -22.68	97.14 5.41 -19.58	99.77 5.21 -22.28	95.51 6.17 -8.20	104.27 6.34 -14.50	130.30 6.78 -35.46	149.21 6.87 -54.26	116.01 6.66 -21.74	105.19 6.76 -10.63	99.52 5.99 -12.56	92.89 5.54 -9.30	91.61 4.90 -14.72
FORT ORANGE____ 23900	133.93 3.59 -42.72	108.69 3.24 -20.20	109.82 3.03 -24.97	99.06 3.03 -14.22	100.29 3.00 -16.33	112.93 2.78 -36.86	117.06 3.16 -32.68	106.92 2.16 -32.85	108.81 2.42 -28.36	113.20 2.52 -29.38	96.32 2.18 -21.28	104.27 2.18 -27.02	101.67 2.09 -27.43	97.93 2.09 -23.69	101.48 2.24 -26.95	93.90 2.84 -9.92	103.80 2.84 -17.54	154.50 2.90 -63.54	177.26 2.90 -86.28	137.36 2.80 -46.94	111.91 2.81 -21.30	107.27 2.59 -23.71	104.07 2.81 -23.22	92.97 3.16 -17.80
FORT_DRUM_COGEN 23780	90.94 1.58 -1.75	87.26 1.19 -0.83	83.66 0.82 -1.02	83.30 0.90 -0.58	82.61 0.97 -0.67	75.60 0.81 -1.51	83.61 1.06 -1.34	74.34 1.08 -1.35	80.44 1.25 -1.16	83.56 1.06 -1.20	74.82 1.09 -0.87	77.30 1.13 -1.11	74.28 1.01 -1.12	74.13 1.01 -0.97	74.41 1.01 -1.10	83.17 1.62 -0.41	86.65 2.50 -0.72	91.93 2.91 -0.96	93.14 3.17 -1.89	90.53 2.63 -0.28	90.28 2.28 -0.20	82.80 1.54 -0.30	79.22 1.17 0.00	73.45 0.72 -0.73
FOX_HILLS___ESR 323835	129.25 6.40 -35.23	124.13 5.88 -33.01	63.26 5.32 23.88	46.42 5.32 40.72	46.26 5.10 39.81	48.37 4.40 29.31	120.52 5.36 -33.94	104.22 4.82 -27.49	125.98 5.85 -42.09	68.34 6.34 19.30	66.31 5.83 12.37	71.01 5.86 9.91	68.24 5.56 9.47	66.31 5.63 11.47	67.85 5.42 9.86	119.98 6.41 -32.44	129.72 6.51 -39.78	158.44 6.96 -63.42	206.49 7.05 -111.36	170.63 6.92 -76.09	127.75 7.02 -32.93	123.29 6.48 -35.84	112.19 5.85 -28.28	110.89 5.11 -33.78
FPL FAR_ROCK_GT1 24212	144.63 8.33 -48.69	137.96 7.93 -44.79	128.91 7.44 -39.65	121.17 7.44 -31.91	121.16 7.29 -32.90	116.48 6.52 -36.67	135.89 7.47 -47.21	140.79 6.54 -62.33	147.24 7.65 -61.55	146.86 8.21 -57.35	137.15 7.36 -56.94	126.60 7.43 -44.10	119.59 7.07 -40.36	119.35 7.14 -40.06	101.88 7.01 -22.58	133.14 8.03 -43.97	149.48 8.18 -57.88	175.99 8.89 -79.03	178.57 8.99 -81.51	156.39 8.85 -59.93	147.37 8.78 -50.80	136.65 8.02 -47.66	118.71 7.42 -33.24	94.20 6.55 -15.65

FPL FAR_ROCK_GT2 23815	144.63 8.33 -48.69	137.96 7.93 -44.79	128.91 7.44 -39.65	121.17 7.44 -31.91	121.16 7.29 -32.90	116.48 6.52 -36.67	135.89 7.47 -47.21	140.79 6.54 -62.33	147.24 7.65 -61.55	146.86 8.21 -57.35	137.15 7.36 -56.94	126.60 7.43 -44.10	119.59 7.07 -40.36	119.35 7.14 -40.06	101.88 7.01 -22.58	133.14 8.03 -43.97	149.48 8.18 -57.88	175.99 8.89 -79.03	178.57 8.99 -81.51	156.39 8.85 -59.93	147.37 8.78 -50.80	136.65 8.02 -47.66	118.71 7.42 -33.24	94.20 6.55 -15.65
FRANKLIN_FALL_HYD 24054	86.83 -0.79 0.00	84.56 -0.68 0.00	81.41 -0.41 0.00	81.41 -0.41 0.00	80.56 -0.40 0.00	72.70 -0.59 0.00	79.92 -1.30 0.00	71.27 -0.65 0.00	76.78 -1.25 0.00	80.00 -1.30 0.00	71.84 -1.02 0.00	73.79 -1.28 0.00	71.21 -0.94 0.00	71.07 -1.08 0.00	70.99 -1.30 0.00	79.76 -1.38 0.00	81.76 -1.67 0.00	86.04 -2.03 0.00	86.31 -1.76 0.00	86.39 -1.23 0.00	86.48 -1.32 0.00	80.40 -0.57 0.00	77.66 -0.39 0.00	71.71 -0.29 0.00
FREEPORT_EQUS_GT1 23764	143.92 7.62 -48.69	137.28 7.24 -44.79	128.26 6.79 -39.65	120.51 6.79 -31.90	120.51 6.64 -32.90	115.89 5.93 -36.67	135.32 6.90 -47.21	140.29 6.04 -62.33	146.69 7.10 -61.55	146.22 7.56 -57.35	136.65 6.85 -56.94	126.06 6.90 -44.10	119.08 6.56 -40.36	118.84 6.63 -40.06	101.38 6.51 -22.58	132.65 7.55 -43.97	148.97 7.67 -57.88	174.93 7.84 -79.03	177.51 7.93 -81.51	155.69 8.15 -59.93	146.76 8.17 -50.80	136.08 7.44 -47.66	118.16 6.87 -33.24	93.70 6.05 -15.65
FREEPORT___CT2 23818	143.92 7.62 -48.69	137.28 7.24 -44.79	128.26 6.79 -39.65	120.51 6.79 -31.90	120.51 6.64 -32.90	115.89 5.93 -36.67	135.32 6.90 -47.21	140.29 6.04 -62.33	146.69 7.10 -61.55	146.22 7.56 -57.35	136.65 6.85 -56.94	126.06 6.90 -44.10	119.08 6.56 -40.36	118.84 6.63 -40.06	101.38 6.51 -22.58	132.65 7.55 -43.97	148.97 7.67 -57.88	174.93 7.84 -79.03	177.51 7.93 -81.51	155.69 8.15 -59.93	146.76 8.17 -50.80	136.08 7.44 -47.66	118.16 6.87 -33.24	93.70 6.05 -15.65
FRESHKLS_33_KV_LOAD 356253	128.98 6.13 -35.23	123.87 5.63 -33.01	63.01 5.07 23.88	46.18 5.07 40.72	46.01 4.86 39.81	48.15 4.18 29.31	120.19 5.04 -33.94	104.01 4.60 -27.49	125.74 5.62 -42.09	68.10 6.10 19.30	66.02 5.54 12.37	70.79 5.63 9.91	67.95 5.27 9.47	66.02 5.34 11.47	67.64 5.21 9.86	119.74 6.17 -32.44	129.55 6.34 -39.78	158.26 6.78 -63.42	206.31 6.87 -111.36	170.45 6.75 -76.09	127.49 6.76 -32.93	123.04 6.23 -35.84	111.95 5.62 -28.28	110.67 4.90 -33.78
FULTON COGEN____ 23766	88.56 -1.84 -2.79	84.60 -1.96 -1.32	81.48 -1.96 -1.63	80.78 -1.96 -0.93	80.09 -1.94 -1.07	73.86 -1.83 -2.41	81.56 -1.79 -2.13	72.34 -1.73 -2.14	78.09 -1.79 -1.85	81.43 -1.79 -1.92	72.57 -1.68 -1.39	75.10 -1.73 -1.76	72.14 -1.80 -1.79	71.89 -1.66 -1.55	72.39 -1.76 -1.76	80.00 -1.78 -0.65	82.82 -1.75 -1.14	88.01 -1.59 -1.53	89.51 -1.59 -3.02	86.14 -1.93 -0.45	86.28 -1.84 -0.32	79.49 -1.94 -0.47	76.10 -1.95 0.00	71.43 -1.73 -1.16
FULTON___LFGE 323630	142.05 6.48 -47.95	114.32 6.40 -22.68	115.74 5.89 -28.03	103.75 5.97 -15.96	105.21 5.91 -18.33	120.24 5.57 -41.38	124.15 6.25 -36.68	113.90 5.11 -36.88	115.49 5.62 -31.84	119.81 5.53 -32.98	101.34 4.59 -23.89	109.61 4.20 -30.34	106.62 3.68 -30.80	102.42 3.68 -26.59	106.66 4.12 -30.25	97.39 5.11 -11.14	109.29 6.17 -19.69	188.43 7.13 -93.23	214.07 7.22 -118.77	169.31 7.09 -74.60	127.70 7.03 -32.87	122.94 6.32 -35.65	122.59 5.78 -38.77	96.88 4.90 -19.99
G.F.CEMENT___DRP 24184	140.02 8.06 -44.35	114.06 7.84 -20.98	115.10 7.36 -25.92	104.02 7.45 -14.76	105.29 7.37 -16.95	118.37 6.82 -38.27	122.86 7.72 -33.92	112.35 6.33 -34.10	114.73 7.26 -29.44	119.53 7.72 -30.50	101.73 6.78 -22.10	109.50 6.38 -28.06	106.54 5.92 -28.48	102.66 5.92 -24.59	106.34 6.07 -27.98	98.58 7.14 -10.30	109.31 7.68 -18.21	188.47 8.45 -91.95	212.18 8.54 -115.56	170.75 8.41 -74.72	128.97 8.43 -32.74	123.91 7.61 -35.33	124.40 7.18 -39.17	96.89 6.41 -18.48
GARDENVILLE___LBMP 24039	86.11 -7.27 -5.77	80.30 -7.67 -2.73	77.74 -7.45 -3.37	76.37 -7.36 -1.92	75.80 -7.37 -2.20	71.74 -6.52 -4.98	78.72 -6.90 -4.41	68.44 -7.91 -4.43	67.57 -8.35 2.11	67.14 -7.40 6.76	61.17 -6.78 4.91	61.84 -7.58 5.64	61.95 -7.94 2.27	62.18 -7.86 2.10	59.13 -7.74 5.42	72.77 -8.84 -0.47	74.99 -9.26 -0.83	80.52 -9.51 -1.97	87.27 -9.51 -8.71	81.22 -9.90 -3.50	80.72 -8.87 -1.79	73.68 -9.39 -2.11	71.84 -7.81 -1.59	68.00 -6.41 -2.40
GARDNVLA_35_KV_LD 355827	86.33 -7.10 -5.81	80.49 -7.50 -2.75	77.93 -7.28 -3.40	76.55 -7.20 -1.94	75.90 -7.29 -2.22	71.93 -6.38 -5.02	78.92 -6.74 -4.45	68.62 -7.77 -4.47	68.74 -8.35 0.94	69.43 -7.24 4.64	62.93 -6.56 3.37	63.72 -7.51 3.84	62.96 -7.86 1.33	63.10 -7.79 1.26	60.96 -7.66 3.67	72.94 -8.68 -0.49	75.18 -9.09 -0.85	81.24 -9.42 -2.59	87.61 -9.25 -8.79	81.43 -9.73 -3.54	81.00 -8.60 -1.80	73.86 -9.23 -2.12	72.09 -7.57 -1.61	68.16 -6.26 -2.42
GELCKHM___115KV_LOAD 80723	89.41 -1.40 -3.19	85.13 -1.62 -1.51	82.13 -1.55 -1.87	81.24 -1.64 -1.06	80.57 -1.62 -1.22	74.57 -1.47 -2.75	82.28 -1.38 -2.44	72.93 -1.44 -2.45	78.67 -1.48 -2.12	82.04 -1.46 -2.19	73.06 -1.38 -1.59	75.66 -1.43 -2.02	72.68 -1.52 -2.05	72.48 -1.44 -1.77	72.93 -1.37 -2.01	80.42 -1.46 -0.74	83.32 -1.42 -1.31	88.59 -1.23 -1.76	90.30 -1.23 -3.46	86.56 -1.58 -0.52	86.76 -1.40 -0.37	79.89 -1.62 -0.54	76.41 -1.64 0.00	71.89 -1.44 -1.33
GENERAL___MILLS 23808	86.23 -7.18 -5.80	80.40 -7.59 -2.74	77.84 -7.36 -3.39	76.47 -7.28 -1.93	75.82 -7.37 -2.22	71.84 -6.45 -5.01	78.75 -6.90 -4.44	68.54 -7.84 -4.46	68.42 -8.35 1.26	68.77 -7.32 5.22	62.44 -6.63 3.79	63.16 -7.58 4.33	62.63 -7.94 1.58	62.87 -7.79 1.49	60.41 -7.74 4.14	72.86 -8.76 -0.48	75.09 -9.18 -0.84	80.98 -9.51 -2.42	87.42 -9.42 -8.76	81.33 -9.81 -3.53	80.82 -8.78 -1.80	73.69 -9.39 -2.12	71.93 -7.73 -1.60	68.08 -6.34 -2.42
GE_PLASTICS___DRP 24183	133.46 3.15 -42.69	108.33 2.90 -20.19	109.55 2.78 -24.95	98.81 2.78 -14.21	100.04 2.75 -16.32	112.62 2.49 -36.84	116.71 2.84 -32.65	107.05 2.30 -32.83	109.02 2.65 -28.34	113.51 2.85 -29.36	96.68 2.55 -21.27	104.63 2.55 -27.01	102.02 2.45 -27.41	98.28 2.45 -23.67	101.75 2.53 -26.93	94.06 3.00 -9.92	103.96 3.00 -17.53	149.09 3.08 -57.95	171.83 3.08 -80.67	131.96 2.98 -41.36	109.89 3.07 -19.02	105.13 2.75 -21.41	100.92 2.89 -19.98	92.53 2.74 -17.79
GILBOA___1 23756	124.67 3.15 -33.90	104.52 3.24 -16.03	104.99 3.36 -19.82	96.46 3.36 -11.28	97.25 3.32 -12.96	105.55 3.01 -29.25	110.31 3.16 -25.93	100.65 2.66 -26.07	103.66 3.12 -22.51	107.95 3.33 -23.31	92.81 3.06 -16.89	99.81 3.30 -21.45	97.02 3.10 -21.77	94.05 3.10 -18.80	96.78 3.11 -21.39	92.02 3.00 -7.88	100.43 3.09 -13.92	123.61 3.35 -32.20	141.68 3.35 -50.26	109.97 3.33 -19.03	100.59 3.34 -9.45	95.27 3.00 -11.30	88.72 2.81 -7.86	88.65 2.52 -14.13
GILBOA___2 23757	124.67 3.15 -33.90	104.52 3.24 -16.03	104.99 3.36 -19.82	96.46 3.36 -11.28	97.25 3.32 -12.96	105.55 3.01 -29.25	110.31 3.16 -25.93	100.65 2.66 -26.07	103.66 3.12 -22.51	107.95 3.33 -23.31	92.81 3.06 -16.89	99.81 3.30 -21.45	97.02 3.10 -21.77	94.05 3.10 -18.80	96.78 3.11 -21.39	92.02 3.00 -7.88	100.43 3.09 -13.92	123.61 3.35 -32.20	141.68 3.35 -50.26	109.97 3.33 -19.03	100.59 3.34 -9.45	95.27 3.00 -11.30	88.72 2.81 -7.86	88.65 2.52 -14.13

GILBOA___3 23758	124.67 3.15 -33.90	104.52 3.24 -16.03	104.99 3.36 -19.82	96.46 3.36 -11.28	97.25 3.32 -12.96	105.55 3.01 -29.25	110.31 3.16 -25.93	100.65 2.66 -26.07	103.66 3.12 -22.51	107.95 3.33 -23.31	92.81 3.06 -16.89	99.81 3.30 -21.45	97.02 3.10 -21.77	94.05 3.10 -18.80	96.78 3.11 -21.39	92.02 3.00 -7.88	100.43 3.09 -13.92	123.61 3.35 -32.20	141.68 3.35 -50.26	109.97 3.33 -19.03	100.59 3.34 -9.45	95.27 3.00 -11.30	88.72 2.81 -7.86	88.65 2.52 -14.13
GILBOA___4 23759	124.67 3.15 -33.90	104.52 3.24 -16.03	104.99 3.36 -19.82	96.46 3.36 -11.28	97.25 3.32 -12.96	105.55 3.01 -29.25	110.31 3.16 -25.93	100.65 2.66 -26.07	103.66 3.12 -22.51	107.95 3.33 -23.31	92.81 3.06 -16.89	99.81 3.30 -21.45	97.02 3.10 -21.77	94.05 3.10 -18.80	96.78 3.11 -21.39	92.02 3.00 -7.88	100.43 3.09 -13.92	123.61 3.35 -32.20	141.68 3.35 -50.26	109.97 3.33 -19.03	100.59 3.34 -9.45	95.27 3.00 -11.30	88.72 2.81 -7.86	88.65 2.52 -14.13
GILBOA___ 23599	124.67 3.15 -33.90	104.52 3.24 -16.03	104.99 3.35 -19.82	96.45 3.35 -11.28	97.25 3.32 -12.96	105.55 3.00 -29.25	110.32 3.17 -25.93	100.65 2.66 -26.07	103.66 3.12 -22.51	107.95 3.33 -23.31	92.81 3.06 -16.89	99.82 3.30 -21.45	97.02 3.10 -21.77	94.05 3.10 -18.80	96.79 3.11 -21.39	92.01 3.00 -7.88	100.43 3.09 -13.92	123.61 3.35 -32.20	141.68 3.35 -50.26	109.89 3.24 -19.03	100.59 3.34 -9.45	95.19 2.91 -11.30	88.72 2.81 -7.86	88.65 2.52 -14.13
GINNA___ 23603	85.18 -6.57 -4.14	80.55 -6.65 -1.96	77.85 -6.38 -2.42	76.81 -6.38 -1.38	76.32 -6.23 -1.58	71.22 -5.64 -3.57	78.37 -6.01 -3.17	68.99 -6.11 -3.18	74.22 -6.55 -2.75	76.99 -7.16 -2.85	68.22 -6.70 -2.06	71.30 -6.38 -2.62	67.51 -6.64 -2.00	67.30 -6.64 -1.79	68.67 -6.22 -2.60	74.77 -6.90 -0.53	77.43 -6.92 -0.93	83.17 -6.78 -1.88	85.72 -6.70 -4.34	80.16 -8.15 -0.69	81.08 -7.20 -0.48	74.14 -7.53 -0.70	71.42 -6.63 0.00	68.04 -5.69 -1.72
GLEN PARK___ 23778	91.62 2.19 -1.81	87.89 1.79 -0.86	84.27 1.39 -1.06	83.89 1.47 -0.60	83.20 1.53 -0.69	76.17 1.32 -1.56	84.23 1.62 -1.39	74.89 1.58 -1.39	81.10 1.87 -1.20	84.18 1.63 -1.25	75.36 1.60 -0.90	77.86 1.65 -1.15	74.83 1.52 -1.16	74.67 1.52 -1.00	74.88 1.45 -1.14	83.83 2.27 -0.42	87.42 3.25 -0.74	92.85 3.78 -1.00	94.00 3.97 -1.96	91.32 3.41 -0.29	90.99 2.99 -0.21	83.46 2.19 -0.31	79.77 1.71 0.00	73.90 1.15 -0.76
GLENDALE_27_KV_LOAD 356172	129.89 7.10 -35.18	108.53 6.65 -16.64	108.52 6.14 -20.56	99.58 6.05 -11.71	100.33 5.91 -13.45	108.77 5.13 -30.36	114.22 6.09 -26.91	104.44 5.47 -27.05	107.94 6.55 -23.35	112.49 6.99 -24.19	96.81 6.41 -17.54	103.79 6.46 -22.27	100.87 6.13 -22.59	97.86 6.20 -19.51	100.49 6.00 -22.19	96.38 7.06 -8.19	104.96 7.09 -14.45	130.63 7.40 -35.17	149.46 7.49 -53.90	116.47 7.36 -21.50	105.79 7.46 -10.52	100.38 6.96 -12.45	93.62 6.40 -9.17	92.35 5.69 -14.66
GLENWOOD_IC_1_G5 23712	143.93 7.62 -48.69	137.20 7.16 -44.79	128.18 6.71 -39.65	120.43 6.71 -31.90	120.51 6.64 -32.90	115.89 5.94 -36.67	135.25 6.82 -47.21	140.00 5.75 -62.33	146.38 6.79 -61.55	145.89 7.24 -57.35	136.36 6.56 -56.94	125.77 6.61 -44.10	118.86 6.35 -40.36	118.56 6.35 -40.06	101.09 6.22 -22.58	132.25 7.14 -43.97	148.56 7.26 -57.88	174.85 7.75 -79.03	177.33 7.75 -81.51	155.17 7.62 -59.93	146.32 7.73 -50.80	135.68 7.04 -47.66	117.84 6.56 -33.24	93.41 5.76 -15.65
GLENWOOD_IC_2_G1 23688	143.66 7.36 -48.69	137.03 6.99 -44.79	128.02 6.55 -39.65	120.18 6.46 -31.90	120.27 6.39 -32.90	115.67 5.72 -36.67	135.09 6.66 -47.21	140.00 5.76 -62.33	146.37 6.79 -61.55	145.89 7.23 -57.35	136.36 6.56 -56.94	125.84 6.68 -44.10	118.86 6.35 -40.36	118.56 6.35 -40.06	101.09 6.22 -22.58	132.25 7.14 -43.97	148.56 7.25 -57.88	174.85 7.75 -79.03	177.34 7.75 -81.51	155.26 7.71 -59.93	146.32 7.73 -50.80	135.67 7.04 -47.66	117.84 6.56 -33.24	93.41 5.76 -15.65
GLENWOOD_IC_3_G1 23689	143.66 7.36 -48.69	137.03 6.99 -44.79	128.02 6.55 -39.65	120.18 6.46 -31.90	120.27 6.39 -32.90	115.67 5.72 -36.67	135.09 6.66 -47.21	140.00 5.76 -62.33	146.37 6.79 -61.55	145.89 7.23 -57.35	136.36 6.56 -56.94	125.84 6.68 -44.10	118.86 6.35 -40.36	118.56 6.35 -40.06	101.09 6.22 -22.58	132.25 7.14 -43.97	148.56 7.25 -57.88	174.85 7.75 -79.03	177.34 7.75 -81.51	155.26 7.71 -59.93	146.32 7.73 -50.80	135.67 7.04 -47.66	117.84 6.56 -33.24	93.41 5.76 -15.65
GLENWOOD___4 23550	143.93 7.62 -48.69	137.20 7.16 -44.79	128.18 6.71 -39.65	120.43 6.71 -31.90	120.51 6.64 -32.90	115.89 5.94 -36.67	135.25 6.82 -47.21	140.07 5.83 -62.33	146.45 6.87 -61.55	145.97 7.32 -57.35	136.43 6.63 -56.94	125.92 6.76 -44.10	118.93 6.42 -40.36	118.63 6.42 -40.06	101.16 6.29 -22.58	132.41 7.30 -43.97	148.64 7.34 -57.88	174.93 7.84 -79.03	177.51 7.93 -81.51	155.34 7.80 -59.93	146.41 7.81 -50.80	135.76 7.13 -47.66	117.92 6.63 -33.24	93.48 5.83 -15.65
GLENWOOD___5 23614	143.93 7.62 -48.69	137.20 7.16 -44.79	128.18 6.71 -39.65	120.43 6.71 -31.90	120.51 6.64 -32.90	115.89 5.94 -36.67	135.25 6.82 -47.21	140.07 5.83 -62.33	146.45 6.87 -61.55	145.97 7.32 -57.35	136.43 6.63 -56.94	125.92 6.76 -44.10	118.93 6.42 -40.36	118.63 6.42 -40.06	101.16 6.29 -22.58	132.41 7.30 -43.97	148.64 7.34 -57.88	174.93 7.84 -79.03	177.51 7.93 -81.51	155.34 7.80 -59.93	146.41 7.81 -50.80	135.76 7.13 -47.66	117.92 6.63 -33.24	93.48 5.83 -15.65
GLOBAL GREEN_PORT_GT1 23814	145.50 9.20 -48.69	138.73 8.70 -44.79	129.57 8.10 -39.65	121.74 8.02 -31.90	121.81 7.94 -32.90	116.99 7.04 -36.67	136.87 8.45 -47.21	141.86 7.62 -62.33	148.32 8.74 -61.55	148.00 9.35 -57.35	137.74 7.94 -56.94	127.35 8.18 -44.10	120.23 7.72 -40.36	119.93 7.72 -40.06	102.53 7.66 -22.58	133.87 8.77 -43.97	150.40 9.09 -57.88	177.22 10.12 -79.03	178.92 9.33 -81.51	156.57 9.03 -59.93	147.46 8.86 -50.80	136.57 7.94 -47.66	118.71 7.42 -33.24	94.78 7.13 -15.65
GLOBE___DSASP 323697	85.52 -7.45 -5.35	80.02 -7.76 -2.53	77.42 -7.53 -3.13	76.15 -7.45 -1.78	75.56 -7.45 -2.05	71.31 -6.60 -4.62	77.59 -7.72 -4.09	66.97 -9.06 -4.12	68.81 -8.90 0.33	68.99 -8.94 3.37	62.03 -8.38 2.45	63.82 -8.56 2.69	62.45 -8.95 0.75	62.57 -8.87 0.70	61.35 -8.39 2.55	71.25 -10.39 -0.50	73.29 -11.01 -0.88	79.98 -10.74 -2.66	84.53 -11.63 -8.08	78.54 -12.27 -3.19	78.30 -11.15 -1.65	71.90 -11.01 -1.94	69.99 -9.52 -1.47	66.96 -7.27 -2.23
GOETHSLN___LBMP 323567	65.49 5.96 28.09	46.11 5.54 44.67	46.11 5.07 40.78	46.11 5.07 40.78	46.11 5.02 39.88	48.30 4.40 29.38	55.72 5.20 30.70	63.10 4.67 13.49	46.11 5.62 37.54	46.11 6.02 41.21	46.11 5.54 32.28	46.11 5.55 34.51	45.50 5.27 31.91	44.41 5.34 33.08	44.06 5.21 33.44	42.75 6.00 44.39	41.74 5.84 47.53	47.55 5.99 46.51	17.23 6.08 76.92	17.30 6.05 76.36	45.65 6.06 48.20	43.88 5.75 42.83	46.19 5.39 37.25	46.18 4.68 30.50
GOLAH___69_KV_TB 1_2 80279	88.19 -3.77 -4.34	83.12 -4.18 -2.05	80.35 -4.01 -2.54	79.25 -4.01 -1.45	78.74 -3.89 -1.66	73.52 -3.52 -3.75	80.88 -3.65 -3.32	70.87 -4.39 -3.34	76.31 -4.60 -2.88	79.35 -4.96 -3.01	70.30 -4.74 -2.18	73.31 -4.50 -2.75	69.29 -4.91 -2.05	69.01 -4.98 -1.84	70.54 -4.48 -2.73	76.62 -5.03 -0.52	79.24 -5.09 -0.91	84.97 -5.02 -1.93	87.77 -4.84 -4.54	82.72 -5.61 -0.71	83.21 -5.09 -0.50	76.44 -5.26 -0.73	73.45 -4.60 0.00	70.35 -3.46 -1.81

GOODYEAR_LAKE_HYD 323669	102.08 3.59 -10.87	93.88 3.49 -5.14	91.44 3.27 -6.35	88.71 3.27 -3.62	88.44 3.32 -4.16	85.75 3.08 -9.38	93.02 3.49 -8.32	83.23 2.95 -8.36	88.68 3.43 -7.22	92.36 3.58 -7.48	81.48 3.21 -5.42	85.17 3.23 -6.88	82.09 2.96 -6.98	81.14 2.96 -6.03	82.04 2.89 -6.86	86.99 3.33 -2.53	91.73 3.84 -4.46	122.52 4.32 -30.14	128.42 4.40 -35.94	117.65 4.12 -25.91	102.98 4.04 -11.14	96.09 3.32 -11.80	95.11 3.04 -14.02	79.05 2.52 -4.53
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	98.50 -0.35 -11.24	90.05 -0.51 -5.31	87.81 -0.57 -6.57	84.98 -0.57 -3.74	84.62 -0.65 -4.29	82.47 -0.51 -9.70	89.49 -0.32 -8.59	79.84 -0.72 -8.64	84.87 -0.62 -7.46	88.87 -0.16 -7.73	78.31 -0.15 -5.60	81.72 -0.45 -7.11	78.06 -0.65 -6.56	77.31 -0.58 -5.73	78.72 -0.65 -7.08	82.59 -0.73 -2.18	86.69 -0.58 -3.85	99.30 -0.35 -11.59	105.60 -0.35 -17.87	94.63 -0.61 -7.63	91.13 -0.35 -3.69	84.38 -0.89 -4.31	80.82 -0.62 -3.39	76.11 -0.58 -4.68
GOUDEY___7 23579	98.50 -0.35 -11.24	90.05 -0.51 -5.31	87.81 -0.57 -6.57	84.98 -0.57 -3.74	84.62 -0.65 -4.29	82.47 -0.51 -9.70	89.49 -0.32 -8.59	79.84 -0.72 -8.64	84.87 -0.62 -7.46	88.87 -0.16 -7.73	78.31 -0.15 -5.60	81.72 -0.45 -7.11	78.06 -0.65 -6.56	77.31 -0.58 -5.73	78.72 -0.65 -7.08	82.59 -0.73 -2.18	86.69 -0.58 -3.85	99.30 -0.35 -11.59	105.60 -0.35 -17.87	94.63 -0.61 -7.63	91.13 -0.35 -3.69	84.38 -0.89 -4.31	80.82 -0.62 -3.39	76.11 -0.58 -4.68
GOUDEY___8 23580	98.50 -0.35 -11.24	90.05 -0.51 -5.31	87.81 -0.57 -6.57	84.98 -0.57 -3.74	84.62 -0.65 -4.29	82.47 -0.51 -9.70	89.49 -0.32 -8.59	79.84 -0.72 -8.64	84.87 -0.62 -7.46	88.87 -0.16 -7.73	78.31 -0.15 -5.60	81.72 -0.45 -7.11	78.06 -0.65 -6.56	77.31 -0.58 -5.73	78.72 -0.65 -7.08	82.59 -0.73 -2.18	86.69 -0.58 -3.85	99.30 -0.35 -11.59	105.60 -0.35 -17.87	94.63 -0.61 -7.63	91.13 -0.35 -3.69	84.38 -0.89 -4.31	80.82 -0.62 -3.39	76.11 -0.58 -4.68
GOWANUS_GT1_1 24077	129.68 6.83 -35.23	124.56 6.31 -33.01	124.47 5.81 -36.85	99.31 5.73 -11.76	100.06 5.59 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.58 5.18 -27.49	126.37 6.24 -42.09	133.35 6.75 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.47 5.99 -40.33	122.98 5.78 -44.90	120.47 6.90 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.93 7.49 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.24 -28.28	111.25 5.47 -33.78
GOWANUS_GT1_2 24078	129.68 6.83 -35.23	124.56 6.31 -33.01	124.47 5.81 -36.85	99.31 5.73 -11.76	100.06 5.59 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.58 5.18 -27.49	126.37 6.24 -42.09	133.35 6.75 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.47 5.99 -40.33	122.98 5.78 -44.90	120.47 6.90 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.93 7.49 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.24 -28.28	111.25 5.47 -33.78
GOWANUS_GT1_3 24079	129.68 6.83 -35.23	124.56 6.31 -33.01	124.47 5.81 -36.85	99.31 5.73 -11.76	100.06 5.59 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.58 5.18 -27.49	126.37 6.24 -42.09	133.35 6.75 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.47 5.99 -40.33	122.98 5.78 -44.90	120.47 6.90 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.93 7.49 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.24 -28.28	111.25 5.47 -33.78
GOWANUS_GT1_4 24080	129.68 6.83 -35.23	124.56 6.31 -33.01	124.47 5.81 -36.85	99.31 5.73 -11.76	100.06 5.59 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.58 5.18 -27.49	126.37 6.24 -42.09	133.35 6.75 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.47 5.99 -40.33	122.98 5.78 -44.90	120.47 6.90 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.93 7.49 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.24 -28.28	111.25 5.47 -33.78
GOWANUS_GT1_5 24084	129.68 6.83 -35.23	124.56 6.31 -33.01	124.47 5.81 -36.85	99.31 5.73 -11.76	100.06 5.59 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.58 5.18 -27.49	126.37 6.24 -42.09	133.35 6.75 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.47 5.99 -40.33	122.98 5.78 -44.90	120.47 6.90 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.93 7.49 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.24 -28.28	111.25 5.47 -33.78
GOWANUS_GT1_6 24111	129.68 6.83 -35.23	124.56 6.31 -33.01	124.47 5.81 -36.85	99.31 5.73 -11.76	100.06 5.59 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.58 5.18 -27.49	126.37 6.24 -42.09	133.35 6.75 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.47 5.99 -40.33	122.98 5.78 -44.90	120.47 6.90 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.93 7.49 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.24 -28.28	111.25 5.47 -33.78
GOWANUS_GT1_7 24112	129.68 6.83 -35.23	124.56 6.31 -33.01	124.47 5.81 -36.85	99.31 5.73 -11.76	100.06 5.59 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.58 5.18 -27.49	126.37 6.24 -42.09	133.35 6.75 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.47 5.99 -40.33	122.98 5.78 -44.90	120.47 6.90 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.93 7.49 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.24 -28.28	111.25 5.47 -33.78
GOWANUS_GT1_8 24113	129.68 6.83 -35.23	124.56 6.31 -33.01	124.47 5.81 -36.85	99.31 5.73 -11.76	100.06 5.59 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.58 5.18 -27.49	126.37 6.24 -42.09	133.35 6.75 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.47 5.99 -40.33	122.98 5.78 -44.90	120.47 6.90 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.93 7.49 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.24 -28.28	111.25 5.47 -33.78
GOWANUS_GT2_1 24114	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
GOWANUS_GT2_2 24115	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
GOWANUS_GT2_3 24116	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78

GOWANUS_GT2_4 24117	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
GOWANUS_GT2_5 24118	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
GOWANUS_GT2_6 24119	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
GOWANUS_GT2_7 24120	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
GOWANUS_GT2_8 24121	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
GOWANUS_GT3_1 24122	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
GOWANUS_GT3_2 24123	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
GOWANUS_GT3_3 24124	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
GOWANUS_GT3_4 24125	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
GOWANUS_GT3_5 24126	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
GOWANUS_GT3_6 24127	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
GOWANUS_GT3_7 24128	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
GOWANUS_GT3_8 24129	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
GOWANUS_GT4_1 24130	129.68 6.83 -35.23	124.56 6.31 -33.01	124.47 5.81 -36.85	99.31 5.73 -11.76	100.06 5.59 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.58 5.18 -27.49	126.37 6.24 -42.09	133.35 6.75 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.47 5.99 -40.33	122.98 5.78 -44.90	120.47 6.90 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.93 7.49 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.24 -28.28	111.25 5.47 -33.78
GOWANUS_GT4_2 24131	129.68 6.83 -35.23	124.56 6.31 -33.01	124.47 5.81 -36.85	99.31 5.73 -11.76	100.06 5.59 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.58 5.18 -27.49	126.37 6.24 -42.09	133.35 6.75 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.47 5.99 -40.33	122.98 5.78 -44.90	120.47 6.90 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.93 7.49 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.24 -28.28	111.25 5.47 -33.78

GOWANUS_GT4_3 24132	129.68 6.83 -35.23	124.56 6.31 -33.01	124.47 5.81 -36.85	99.31 5.73 -11.76	100.06 5.59 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.58 5.18 -27.49	126.37 6.24 -42.09	133.35 6.75 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.47 5.99 -40.33	122.98 5.78 -44.90	120.47 6.90 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.93 7.49 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.24 -28.28	111.25 5.47 -33.78
GOWANUS_GT4_4 24133	129.68 6.83 -35.23	124.56 6.31 -33.01	124.47 5.81 -36.85	99.31 5.73 -11.76	100.06 5.59 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.58 5.18 -27.49	126.37 6.24 -42.09	133.35 6.75 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.47 5.99 -40.33	122.98 5.78 -44.90	120.47 6.90 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.93 7.49 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.24 -28.28	111.25 5.47 -33.78
GOWANUS_GT4_5 24134	129.68 6.83 -35.23	124.56 6.31 -33.01	124.47 5.81 -36.85	99.31 5.73 -11.76	100.06 5.59 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.58 5.18 -27.49	126.37 6.24 -42.09	133.35 6.75 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.47 5.99 -40.33	122.98 5.78 -44.90	120.47 6.90 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.93 7.49 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.24 -28.28	111.25 5.47 -33.78
GOWANUS_GT4_6 24135	129.68 6.83 -35.23	124.56 6.31 -33.01	124.47 5.81 -36.85	99.31 5.73 -11.76	100.06 5.59 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.58 5.18 -27.49	126.37 6.24 -42.09	133.35 6.75 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.47 5.99 -40.33	122.98 5.78 -44.90	120.47 6.90 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.93 7.49 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.24 -28.28	111.25 5.47 -33.78
GOWANUS_GT4_7 24136	129.68 6.83 -35.23	124.56 6.31 -33.01	124.47 5.81 -36.85	99.31 5.73 -11.76	100.06 5.59 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.58 5.18 -27.49	126.37 6.24 -42.09	133.35 6.75 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.47 5.99 -40.33	122.98 5.78 -44.90	120.47 6.90 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.93 7.49 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.24 -28.28	111.25 5.47 -33.78
GOWANUS_GT4_8 24137	129.68 6.83 -35.23	124.56 6.31 -33.01	124.47 5.81 -36.85	99.31 5.73 -11.76	100.06 5.59 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.58 5.18 -27.49	126.37 6.24 -42.09	133.35 6.75 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.47 5.99 -40.33	122.98 5.78 -44.90	120.47 6.90 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.93 7.49 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.24 -28.28	111.25 5.47 -33.78
GREENBSH_115KV_TB3 55895	133.67 3.15 -42.90	108.26 2.73 -20.29	109.51 2.62 -25.07	98.71 2.62 -14.28	99.96 2.59 -16.40	112.65 2.35 -37.02	116.71 2.68 -32.81	107.14 2.23 -32.99	109.01 2.50 -28.48	113.49 2.68 -29.50	96.64 2.40 -21.37	104.61 2.40 -27.14	102.08 2.38 -27.55	98.25 2.31 -23.79	101.74 2.39 -27.06	94.02 2.92 -9.97	103.96 2.92 -17.62	155.73 2.91 -64.75	178.58 2.91 -87.59	138.51 2.80 -48.09	112.47 2.90 -21.78	107.84 2.67 -24.20	104.88 2.97 -23.86	92.76 2.88 -17.88
GREENDGE_115KV_TB5 80291	93.01 -1.49 -6.89	86.54 -1.96 -3.26	83.88 -1.96 -4.03	82.06 -2.05 -2.29	81.50 -2.11 -2.63	77.40 -1.83 -5.94	84.94 -1.54 -5.27	75.27 -1.94 -5.30	87.47 -2.26 -11.70	96.51 -2.44 -17.64	83.76 -1.89 -12.80	88.31 -2.25 -15.50	75.79 -2.67 -6.31	75.77 -2.53 -6.14	85.10 -2.31 -15.12	78.03 -2.27 0.83	79.91 -2.00 1.51	94.41 -2.03 -8.37	96.08 -2.03 -10.03	90.04 -2.02 -4.44	88.30 -1.67 -2.17	81.17 -2.35 -2.55	77.90 -2.11 -1.95	73.14 -1.73 -2.87
GREENIDGE___3 23582	93.01 -1.49 -6.89	86.54 -1.96 -3.26	83.88 -1.96 -4.03	82.06 -2.05 -2.29	81.50 -2.11 -2.63	77.40 -1.83 -5.94	84.94 -1.54 -5.27	75.27 -1.94 -5.30	87.47 -2.26 -11.70	96.51 -2.44 -17.64	83.76 -1.89 -12.80	88.31 -2.25 -15.50	75.79 -2.67 -6.31	75.77 -2.53 -6.14	85.10 -2.31 -15.12	78.03 -2.27 0.83	79.91 -2.00 1.51	94.41 -2.03 -8.37	96.08 -2.03 -10.03	90.04 -2.02 -4.44	88.30 -1.67 -2.17	81.17 -2.35 -2.55	77.90 -2.11 -1.95	73.14 -1.73 -2.87
GREENIDGE___4 23583	92.84 -1.67 -6.89	86.54 -1.96 -3.26	83.88 -1.96 -4.03	82.07 -2.04 -2.29	81.49 -2.11 -2.63	77.40 -1.83 -5.94	84.94 -1.55 -5.27	75.28 -1.94 -5.30	87.46 -2.27 -11.70	96.51 -2.44 -17.64	83.76 -1.89 -12.80	88.32 -2.25 -15.50	75.79 -2.67 -6.31	75.70 -2.59 -6.14	85.10 -2.32 -15.12	77.95 -2.36 0.83	79.91 -2.00 1.51	94.94 -1.50 -8.37	96.17 -1.94 -10.03	90.31 -1.75 -4.44	88.30 -1.67 -2.17	81.25 -2.27 -2.55	77.90 -2.10 -1.95	73.14 -1.73 -2.87
GREENLWN_69_KV_BK 3 55738	143.84 7.54 -48.69	137.11 7.08 -44.79	128.10 6.63 -39.65	120.35 6.63 -31.90	120.43 6.56 -32.90	115.82 5.86 -36.67	135.25 6.82 -47.21	140.29 6.04 -62.33	146.61 7.02 -61.55	146.13 7.48 -57.35	136.65 6.85 -56.94	126.07 6.91 -44.10	119.08 6.57 -40.36	118.85 6.64 -40.06	101.38 6.51 -22.58	132.57 7.46 -43.97	148.81 7.51 -57.88	175.11 8.01 -79.03	177.69 8.10 -81.51	155.43 7.89 -59.93	146.58 7.99 -50.80	135.92 7.29 -47.66	118.08 6.79 -33.24	93.70 6.05 -15.65
GREENWD_138_KV_38B11_REV_LBMP_J 345004	129.68 6.83 -35.23	124.56 6.31 -33.01	124.47 5.81 -36.85	99.31 5.73 -11.76	100.06 5.59 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.58 5.18 -27.49	126.37 6.24 -42.09	133.35 6.75 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.47 5.99 -40.33	122.98 5.78 -44.90	120.47 6.90 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.93 7.49 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.24 -28.28	111.25 5.47 -33.78
GRISSOM___SOLAR 323813	141.53 6.39 -47.52	113.94 6.22 -22.48	115.40 5.81 -27.78	103.53 5.89 -15.82	104.97 5.83 -18.17	119.72 5.42 -41.01	123.74 6.17 -36.35	113.42 4.96 -36.54	115.12 5.54 -31.55	119.52 5.53 -32.68	101.20 4.67 -23.68	109.41 4.28 -30.07	106.49 3.82 -30.52	102.32 3.82 -26.35	106.46 4.19 -29.98	97.37 5.20 -11.04	109.03 6.09 -19.51	189.00 6.96 -93.98	214.41 7.05 -119.28	170.05 6.92 -75.51	127.96 6.93 -33.23	123.19 6.24 -35.98	123.08 5.69 -39.34	96.70 4.90 -19.81
GROVEVILLE___HYD 323602	129.32 6.40 -35.31	108.08 6.14 -16.70	108.19 5.73 -20.64	99.30 5.73 -11.75	100.05 5.59 -13.50	108.82 5.06 -30.47	114.00 5.77 -27.01	104.04 4.96 -27.15	107.33 5.85 -23.44	111.77 6.18 -24.28	96.06 5.61 -17.60	103.04 5.63 -22.34	100.24 5.41 -22.68	97.14 5.41 -19.58	99.77 5.21 -22.28	95.51 6.17 -8.20	104.27 6.34 -14.50	130.30 6.78 -35.46	149.21 6.87 -54.26	116.01 6.66 -21.74	105.19 6.76 -10.63	99.52 5.99 -12.56	92.89 5.54 -9.30	91.61 4.90 -14.72
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	90.40 -0.79 -3.57	85.91 -1.02 -1.69	82.84 -1.06 -2.09	81.94 -1.06 -1.19	81.28 -1.05 -1.36	75.41 -0.95 -3.08	83.13 -0.81 -2.73	73.80 -0.86 -2.74	79.47 -0.94 -2.37	82.95 -0.81 -2.45	73.83 -0.80 -1.78	76.50 -0.83 -2.26	73.43 -1.01 -2.29	73.19 -0.94 -1.98	73.68 -0.87 -2.25	81.07 -0.89 -0.83	84.14 -0.75 -1.47	89.50 -0.53 -1.96	91.41 -0.53 -3.86	87.32 -0.88 -0.58	87.42 -0.79 -0.41	80.52 -1.05 -0.60	77.04 -1.01 0.00	72.55 -0.94 -1.49

HAMLTNNY_34_KV_TB 80303	90.63 -0.79 -3.80	86.02 -1.02 -1.80	82.98 -1.06 -2.22	82.02 -1.06 -1.27	81.37 -1.05 -1.45	75.61 -0.95 -3.28	83.31 -0.81 -2.91	73.91 -0.93 -2.92	79.62 -0.94 -2.52	83.02 -0.89 -2.61	73.88 -0.87 -1.89	76.57 -0.90 -2.41	73.51 -1.08 -2.44	73.25 -1.01 -2.11	73.75 -0.94 -2.40	81.13 -0.89 -0.88	84.24 -0.75 -1.56	89.54 -0.62 -2.09	91.66 -0.53 -4.12	87.36 -0.88 -0.61	87.45 -0.79 -0.44	80.48 -1.13 -0.64	76.96 -1.09 0.00	72.65 -0.94 -1.58
HAMPSHIRE___PAPER_HYD 323593	88.08 -0.44 -0.90	85.16 -0.51 -0.42	81.68 -0.66 -0.52	81.55 -0.57 -0.30	80.83 -0.48 -0.34	73.40 -0.66 -0.77	80.77 -1.14 -0.69	71.89 -0.72 -0.69	77.70 -0.93 -0.60	80.78 -1.14 -0.62	72.65 -0.66 -0.45	74.88 -0.75 -0.57	72.15 -0.58 -0.58	72.00 -0.65 -0.50	72.07 -0.79 -0.57	80.78 -0.56 -0.21	83.30 -0.50 -0.37	87.77 -0.79 -0.49	88.44 -0.61 -0.97	87.15 -0.61 -0.15	86.94 -0.96 -0.10	80.47 -0.65 -0.15	77.58 -0.47 0.00	71.95 -0.43 -0.37
HARDSCRABBLE_WT_PWR 323673	90.60 2.98 0.00	88.05 2.81 0.00	84.43 2.62 0.00	84.36 2.54 0.00	83.56 2.59 0.00	75.63 2.34 0.00	83.81 2.60 0.00	73.93 2.01 0.00	80.06 2.03 0.00	83.25 1.95 0.00	74.53 1.68 0.00	76.72 1.65 0.00	73.67 1.52 0.00	73.59 1.44 0.00	73.81 1.52 0.00	82.92 1.78 0.00	85.26 1.83 0.00	90.09 2.03 0.00	90.19 2.11 0.00	89.54 1.93 0.00	89.73 1.93 0.00	82.99 2.03 0.00	79.92 1.87 0.00	73.66 1.66 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	126.11 5.43 -33.06	106.00 5.11 -15.64	105.89 4.75 -19.33	97.57 4.75 -11.00	98.22 4.62 -12.64	106.00 4.18 -28.53	111.30 4.79 -25.29	101.52 4.17 -25.43	104.90 4.92 -21.95	109.33 5.28 -22.74	94.14 4.81 -16.48	100.87 4.88 -20.92	98.00 4.62 -21.23	95.10 4.62 -18.34	97.63 4.48 -20.86	94.09 5.27 -7.68	102.43 5.42 -13.58	126.92 5.81 -33.04	144.63 5.90 -50.65	113.50 5.70 -20.19	103.48 5.79 -9.89	97.85 5.18 -11.70	91.42 4.76 -8.61	89.96 4.18 -13.78
HARSNRAD_115KV_TB1 81005	84.82 -8.06 -5.26	79.38 -8.35 -2.49	76.79 -8.10 -3.07	75.55 -8.02 -1.75	74.96 -8.02 -2.01	70.72 -7.11 -4.54	77.61 -7.63 -4.02	67.26 -8.70 -4.04	68.90 -8.74 0.40	69.38 -8.62 3.30	62.44 -8.01 2.40	64.06 -8.26 2.75	62.76 -8.66 0.73	62.83 -8.59 0.74	61.51 -8.17 2.62	71.73 -9.90 -0.50	73.95 -10.34 -0.87	79.93 -10.74 -2.61	85.27 -10.75 -7.94	79.41 -11.39 -3.18	79.06 -10.36 -1.62	72.35 -10.53 -1.91	70.51 -8.98 -1.44	67.06 -7.13 -2.19
HARZA MOOSE___RIVER 24016	90.41 1.66 -1.13	87.23 1.45 -0.54	83.62 1.15 -0.66	83.42 1.23 -0.38	82.70 1.30 -0.43	75.36 1.10 -0.98	83.38 1.30 -0.87	74.01 1.22 -0.87	80.27 1.48 -0.75	83.46 1.38 -0.78	74.81 1.38 -0.56	77.21 1.43 -0.72	74.18 1.30 -0.73	74.08 1.30 -0.63	74.24 1.23 -0.71	83.10 1.70 -0.26	86.06 2.17 -0.46	91.07 2.38 -0.62	91.77 2.47 -1.23	89.90 2.10 -0.18	89.86 1.93 -0.13	82.62 1.46 -0.19	79.30 1.25 0.00	73.41 0.94 -0.47
HDSNBRDG_115KV_BRDG_TB1 355580	89.35 -1.49 -3.23	85.15 -1.62 -1.53	82.07 -1.64 -1.89	81.25 -1.64 -1.07	80.58 -1.62 -1.23	74.60 -1.47 -2.78	82.30 -1.38 -2.47	72.96 -1.44 -2.48	78.61 -1.56 -2.14	82.06 -1.46 -2.22	73.08 -1.38 -1.61	75.68 -1.43 -2.04	72.71 -1.52 -2.07	72.42 -1.52 -1.79	72.95 -1.37 -2.04	80.34 -1.54 -0.75	83.33 -1.42 -1.32	88.52 -1.32 -1.78	90.25 -1.32 -3.49	86.56 -1.58 -0.52	86.68 -1.49 -0.37	79.81 -1.70 -0.54	76.41 -1.64 0.00	71.90 -1.44 -1.34
HELLGATE_13_KV_LD 55870	129.63 6.83 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.33 5.81 -11.71	100.00 5.59 -13.45	108.48 4.84 -30.36	113.81 5.69 -26.91	104.15 5.18 -27.05	107.55 6.16 -23.35	112.08 6.59 -24.19	96.45 6.05 -17.54	103.42 6.08 -22.27	100.51 5.77 -22.59	97.50 5.84 -19.51	100.20 5.71 -22.19	96.06 6.73 -8.19	104.55 6.67 -14.45	130.19 6.96 -35.17	149.02 7.05 -53.90	116.04 6.92 -21.50	105.35 7.02 -10.52	99.98 6.56 -12.45	93.31 6.09 -9.17	92.06 5.40 -14.66
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	129.63 6.83 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.33 5.81 -11.71	100.00 5.59 -13.45	108.48 4.84 -30.36	113.81 5.69 -26.91	104.15 5.18 -27.05	107.55 6.16 -23.35	112.08 6.59 -24.19	96.45 6.05 -17.54	103.42 6.08 -22.27	100.51 5.77 -22.59	97.50 5.84 -19.51	100.20 5.71 -22.19	96.06 6.73 -8.19	104.55 6.67 -14.45	130.19 6.96 -35.17	149.02 7.05 -53.90	116.04 6.92 -21.50	105.35 7.02 -10.52	99.98 6.56 -12.45	93.31 6.09 -9.17	92.06 5.40 -14.66
HEMPSTEAD____ 23647	143.57 7.27 -48.69	136.86 6.82 -44.79	127.86 6.39 -39.65	120.11 6.39 -31.90	120.19 6.32 -32.90	115.60 5.64 -36.67	134.92 6.50 -47.21	139.92 5.68 -62.33	146.30 6.71 -61.55	145.81 7.16 -57.35	136.28 6.48 -56.94	125.69 6.53 -44.10	118.78 6.27 -40.36	118.48 6.27 -40.06	101.02 6.14 -22.58	132.16 7.06 -43.97	148.48 7.18 -57.88	174.67 7.57 -79.03	177.24 7.66 -81.51	155.16 7.62 -59.93	146.23 7.63 -50.80	135.60 6.96 -47.66	117.76 6.47 -33.24	93.34 5.69 -15.65
HEWLETT_69_KV_BK3 55828	144.19 7.89 -48.69	137.54 7.50 -44.79	128.51 7.04 -39.65	120.76 7.04 -31.90	120.83 6.96 -32.90	116.18 6.23 -36.67	135.49 7.07 -47.21	140.50 6.26 -62.33	146.84 7.26 -61.55	146.46 7.81 -57.35	136.79 6.99 -56.94	126.22 7.06 -44.10	119.22 6.71 -40.36	118.99 6.78 -40.06	101.53 6.65 -22.58	132.73 7.63 -43.97	149.06 7.76 -57.88	175.46 8.37 -79.03	178.04 8.46 -81.51	155.87 8.32 -59.93	146.93 8.34 -50.80	136.16 7.53 -47.66	118.31 7.02 -33.24	93.84 6.19 -15.65
HICKLING___1 23621	93.97 -2.45 -8.81	86.68 -2.73 -4.17	84.26 -2.70 -5.15	81.97 -2.78 -2.93	81.50 -2.83 -3.37	78.39 -2.49 -7.60	85.60 -2.36 -6.74	75.89 -2.80 -6.77	83.38 -3.12 -8.47	89.76 -2.36 -10.81	78.58 -2.11 -7.84	81.89 -2.85 -9.67	73.34 -3.10 -4.30	73.29 -3.03 -4.17	78.82 -2.96 -9.49	77.69 -3.25 0.20	79.95 -3.09 0.39	93.58 -2.82 -8.33	98.43 -2.82 -13.17	90.28 -3.07 -5.73	88.06 -2.55 -2.80	80.94 -3.32 -3.29	77.85 -2.73 -2.53	73.29 -2.38 -3.67
HICKLING___2 23622	93.97 -2.45 -8.81	86.68 -2.73 -4.17	84.26 -2.70 -5.15	81.97 -2.78 -2.93	81.50 -2.83 -3.37	78.39 -2.49 -7.60	85.60 -2.36 -6.74	75.89 -2.80 -6.77	83.38 -3.12 -8.47	89.76 -2.36 -10.81	78.58 -2.11 -7.84	81.89 -2.85 -9.67	73.34 -3.10 -4.30	73.29 -3.03 -4.17	78.82 -2.96 -9.49	77.69 -3.25 0.20	79.95 -3.09 0.39	93.58 -2.82 -8.33	98.43 -2.82 -13.17	90.28 -3.07 -5.73	88.06 -2.55 -2.80	80.94 -3.32 -3.29	77.85 -2.73 -2.53	73.29 -2.38 -3.67
HIGH FALLS___HY 23754	129.17 6.40 -35.15	108.01 6.14 -16.63	108.09 5.73 -20.55	99.24 5.73 -11.70	100.07 5.67 -13.44	108.61 4.98 -30.34	113.87 5.77 -26.89	103.91 4.96 -27.03	107.22 5.85 -23.34	111.58 6.10 -24.17	95.84 5.46 -17.52	102.86 5.55 -22.24	99.99 5.27 -22.57	96.91 5.27 -19.49	99.60 5.13 -22.18	95.39 6.09 -8.17	104.20 6.34 -14.44	132.26 6.96 -37.24	151.08 7.05 -55.96	118.03 6.83 -23.58	106.02 6.85 -11.38	100.35 6.07 -13.31	93.89 5.46 -10.38	91.40 4.75 -14.65
HIGH_RIVER___SOLAR 323847	138.22 4.64 -45.96	111.50 4.51 -21.74	112.94 4.25 -26.87	101.45 4.33 -15.30	102.83 4.29 -17.57	116.91 3.95 -39.67	120.84 4.46 -35.16	110.93 3.67 -35.35	112.60 4.06 -30.52	116.74 3.82 -31.61	98.89 3.13 -22.90	107.07 2.92 -29.08	104.26 2.59 -29.52	100.31 2.67 -25.49	104.18 2.89 -29.00	95.30 3.49 -10.68	106.64 4.34 -18.88	189.74 5.02 -96.66	214.32 5.11 -121.14	171.41 4.99 -78.80	127.29 5.00 -34.49	122.60 4.45 -37.18	123.57 4.13 -41.39	94.76 3.60 -19.16

HILLBURN___GT 23639	126.39 5.26 -33.52	106.04 4.94 -15.85	105.99 4.58 -19.59	97.55 4.58 -11.16	98.31 4.53 -12.81	106.24 4.03 -28.92	111.56 4.71 -25.64	101.79 4.10 -25.77	105.20 4.92 -22.25	109.64 5.28 -23.05	94.36 4.81 -16.70	101.15 4.88 -21.20	98.30 4.62 -21.52	95.36 4.62 -18.59	97.99 4.56 -21.14	94.19 5.27 -7.79	102.45 5.26 -13.76	127.20 5.64 -33.49	145.14 5.72 -51.34	113.78 5.69 -20.47	103.52 5.70 -10.02	98.01 5.19 -11.86	91.54 4.76 -8.73	90.07 4.10 -13.97
HILLSIDE_115KV_TB1 80332	93.49 -3.24 -9.12	86.06 -3.49 -4.31	83.79 -3.35 -5.33	81.50 -3.35 -3.04	81.05 -3.40 -3.49	78.15 -3.00 -7.87	85.19 -3.00 -6.98	75.55 -3.38 -7.01	82.50 -3.59 -8.06	88.45 -2.76 -9.91	77.56 -2.48 -7.18	80.75 -3.23 -8.91	72.99 -3.39 -4.23	72.90 -3.32 -4.07	77.65 -3.40 -8.75	77.34 -3.81 -0.02	79.75 -3.67 0.00	92.95 -3.61 -8.50	98.19 -3.61 -13.73	89.80 -3.77 -5.95	87.37 -3.34 -2.91	80.41 -3.97 -3.41	77.33 -3.36 -2.63	72.85 -2.95 -3.80
HISHELDN_WT_PWR 323625	86.05 -7.80 -6.23	80.43 -7.76 -2.95	77.93 -7.53 -3.64	76.45 -7.44 -2.07	75.82 -7.53 -2.38	72.00 -6.67 -5.38	78.84 -7.15 -4.77	68.80 -7.91 -4.79	60.29 -8.50 9.24	53.49 -7.89 19.93	51.18 -7.21 14.46	50.13 -7.96 16.98	55.82 -8.23 8.10	56.56 -8.15 7.44	47.96 -7.88 16.45	72.61 -8.93 -0.40	75.02 -9.09 -0.68	77.31 -9.34 1.42	88.41 -9.07 -9.40	82.70 -8.76 -3.85	81.05 -8.69 -1.94	74.51 -8.75 -2.29	71.98 -7.80 -1.74	68.12 -6.48 -2.60
HOLTSVILLE_IC_1 23690	144.28 7.97 -48.69	137.62 7.58 -44.79	128.58 7.11 -39.65	120.76 7.04 -31.90	120.83 6.96 -32.90	116.18 6.23 -36.67	135.74 7.31 -47.21	140.79 6.54 -62.33	147.08 7.49 -61.55	146.54 7.88 -57.35	137.01 7.21 -56.94	126.44 7.28 -44.10	119.44 6.93 -40.36	119.21 7.00 -40.06	101.82 6.94 -22.58	132.82 7.71 -43.97	148.97 7.67 -57.88	175.29 8.19 -79.03	177.78 8.19 -81.51	155.60 8.06 -59.93	146.67 8.07 -50.80	136.08 7.44 -47.66	118.31 7.03 -33.24	93.99 6.34 -15.65
HOLTSVILLE_IC_10 23699	144.80 8.50 -48.69	138.14 8.10 -44.79	129.08 7.61 -39.65	121.24 7.52 -31.90	121.31 7.44 -32.90	116.62 6.67 -36.67	136.22 7.80 -47.21	141.22 6.97 -62.33	147.55 7.96 -61.55	147.11 8.46 -57.35	137.45 7.65 -56.94	126.90 7.73 -44.10	119.87 7.36 -40.36	119.64 7.43 -40.06	102.25 7.38 -22.58	133.39 8.28 -43.97	149.64 8.34 -57.88	176.08 8.99 -79.03	178.57 8.99 -81.51	156.30 8.76 -59.93	147.37 8.78 -50.80	136.65 8.02 -47.66	118.86 7.57 -33.24	94.42 6.77 -15.65
HOLTSVILLE_IC_2 23691	144.28 7.97 -48.69	137.62 7.58 -44.79	128.58 7.11 -39.65	120.76 7.04 -31.90	120.83 6.96 -32.90	116.18 6.23 -36.67	135.74 7.31 -47.21	140.79 6.54 -62.33	147.08 7.49 -61.55	146.54 7.88 -57.35	137.01 7.21 -56.94	126.44 7.28 -44.10	119.44 6.93 -40.36	119.21 7.00 -40.06	101.82 6.94 -22.58	132.82 7.71 -43.97	148.97 7.67 -57.88	175.29 8.19 -79.03	177.78 8.19 -81.51	155.60 8.06 -59.93	146.67 8.07 -50.80	136.08 7.44 -47.66	118.31 7.03 -33.24	93.99 6.34 -15.65
HOLTSVILLE_IC_3 23692	144.28 7.97 -48.69	137.62 7.58 -44.79	128.58 7.11 -39.65	120.76 7.04 -31.90	120.83 6.96 -32.90	116.18 6.23 -36.67	135.74 7.31 -47.21	140.79 6.54 -62.33	147.08 7.49 -61.55	146.54 7.88 -57.35	137.01 7.21 -56.94	126.44 7.28 -44.10	119.44 6.93 -40.36	119.21 7.00 -40.06	101.82 6.94 -22.58	132.82 7.71 -43.97	148.97 7.67 -57.88	175.29 8.19 -79.03	177.78 8.19 -81.51	155.60 8.06 -59.93	146.67 8.07 -50.80	136.08 7.44 -47.66	118.31 7.03 -33.24	93.99 6.34 -15.65
HOLTSVILLE_IC_4 23693	144.28 7.97 -48.69	137.62 7.58 -44.79	128.58 7.11 -39.65	120.76 7.04 -31.90	120.83 6.96 -32.90	116.18 6.23 -36.67	135.74 7.31 -47.21	140.79 6.54 -62.33	147.08 7.49 -61.55	146.54 7.88 -57.35	137.01 7.21 -56.94	126.44 7.28 -44.10	119.44 6.93 -40.36	119.21 7.00 -40.06	101.82 6.94 -22.58	132.82 7.71 -43.97	148.97 7.67 -57.88	175.29 8.19 -79.03	177.78 8.19 -81.51	155.60 8.06 -59.93	146.67 8.07 -50.80	136.08 7.44 -47.66	118.31 7.03 -33.24	93.99 6.34 -15.65
HOLTSVILLE_IC_5 23694	144.28 7.97 -48.69	137.62 7.58 -44.79	128.58 7.11 -39.65	120.76 7.04 -31.90	120.83 6.96 -32.90	116.18 6.23 -36.67	135.74 7.31 -47.21	140.79 6.54 -62.33	147.08 7.49 -61.55	146.54 7.88 -57.35	137.01 7.21 -56.94	126.44 7.28 -44.10	119.44 6.93 -40.36	119.21 7.00 -40.06	101.82 6.94 -22.58	132.82 7.71 -43.97	148.97 7.67 -57.88	175.29 8.19 -79.03	177.78 8.19 -81.51	155.60 8.06 -59.93	146.67 8.07 -50.80	136.08 7.44 -47.66	118.31 7.03 -33.24	93.99 6.34 -15.65
HOLTSVILLE_IC_6 23695	144.80 8.50 -48.69	138.14 8.10 -44.79	129.08 7.61 -39.65	121.24 7.52 -31.90	121.31 7.44 -32.90	116.62 6.67 -36.67	136.22 7.80 -47.21	141.22 6.97 -62.33	147.55 7.96 -61.55	147.11 8.46 -57.35	137.45 7.65 -56.94	126.90 7.73 -44.10	119.87 7.36 -40.36	119.64 7.43 -40.06	102.25 7.38 -22.58	133.39 8.28 -43.97	149.64 8.34 -57.88	176.08 8.99 -79.03	178.57 8.99 -81.51	156.30 8.76 -59.93	147.37 8.78 -50.80	136.65 8.02 -47.66	118.86 7.57 -33.24	94.42 6.77 -15.65
HOLTSVILLE_IC_7 23696	144.80 8.50 -48.69	138.14 8.10 -44.79	129.08 7.61 -39.65	121.24 7.52 -31.90	121.31 7.44 -32.90	116.62 6.67 -36.67	136.22 7.80 -47.21	141.22 6.97 -62.33	147.55 7.96 -61.55	147.11 8.46 -57.35	137.45 7.65 -56.94	126.90 7.73 -44.10	119.87 7.36 -40.36	119.64 7.43 -40.06	102.25 7.38 -22.58	133.39 8.28 -43.97	149.64 8.34 -57.88	176.08 8.99 -79.03	178.57 8.99 -81.51	156.30 8.76 -59.93	147.37 8.78 -50.80	136.65 8.02 -47.66	118.86 7.57 -33.24	94.42 6.77 -15.65
HOLTSVILLE_IC_8 23697	144.80 8.50 -48.69	138.14 8.10 -44.79	129.08 7.61 -39.65	121.24 7.52 -31.90	121.31 7.44 -32.90	116.62 6.67 -36.67	136.22 7.80 -47.21	141.22 6.97 -62.33	147.55 7.96 -61.55	147.11 8.46 -57.35	137.45 7.65 -56.94	126.90 7.73 -44.10	119.87 7.36 -40.36	119.64 7.43 -40.06	102.25 7.38 -22.58	133.39 8.28 -43.97	149.64 8.34 -57.88	176.08 8.99 -79.03	178.57 8.99 -81.51	156.30 8.76 -59.93	147.37 8.78 -50.80	136.65 8.02 -47.66	118.86 7.57 -33.24	94.42 6.77 -15.65
HOLTSVILLE_IC_9 23698	144.80 8.50 -48.69	138.14 8.10 -44.79	129.08 7.61 -39.65	121.24 7.52 -31.90	121.31 7.44 -32.90	116.62 6.67 -36.67	136.22 7.80 -47.21	141.22 6.97 -62.33	147.55 7.96 -61.55	147.11 8.46 -57.35	137.45 7.65 -56.94	126.90 7.73 -44.10	119.87 7.36 -40.36	119.64 7.43 -40.06	102.25 7.38 -22.58	133.39 8.28 -43.97	149.64 8.34 -57.88	176.08 8.99 -79.03	178.57 8.99 -81.51	156.30 8.76 -59.93	147.37 8.78 -50.80	136.65 8.02 -47.66	118.86 7.57 -33.24	94.42 6.77 -15.65
HOMER_HL_115KV_TB2 355744	86.31 -7.89 -6.58	80.26 -8.10 -3.11	77.81 -7.85 -3.84	76.15 -7.85 -2.19	75.63 -7.85 -2.51	72.00 -6.96 -5.68	78.94 -7.31 -5.03	69.21 -7.77 -5.06	72.98 -8.27 -3.22	78.83 -4.96 -2.49	70.58 -4.08 -1.80	70.83 -6.61 -2.37	67.03 -6.78 -1.66	67.05 -6.64 -1.54	67.23 -7.45 -2.38	73.13 -8.44 -0.43	75.49 -8.68 -0.74	84.48 -8.63 -5.05	89.12 -8.90 -9.94	82.94 -8.76 -4.09	82.30 -7.55 -2.06	74.48 -8.91 -2.42	72.95 -6.95 -1.84	68.12 -6.62 -2.74
HOWARD_WT_PWR 323690	89.77 -5.17 -7.32	83.42 -5.29 -3.46	80.78 -5.32 -4.28	78.94 -5.32 -2.44	77.94 -5.83 -2.80	74.55 -5.06 -6.32	81.70 -5.11 -5.60	71.79 -5.76 -5.63	91.47 -6.48 -19.91	107.78 -5.85 -32.33	90.99 -5.32 -23.45	96.86 -6.38 -28.18	78.31 -7.00 -13.16	77.59 -6.93 -12.37	93.47 -6.29 -27.47	74.05 -6.57 0.52	76.47 -6.01 0.95	95.59 -5.46 -12.98	93.49 -5.38 -10.79	87.57 -4.73 -4.69	85.54 -4.57 -2.31	78.50 -5.18 -2.71	75.29 -4.84 -2.08	70.73 -4.32 -3.05

HQ_GEN_CEDARS 23644	86.48 -1.14 0.00	84.30 -0.94 0.00	81.00 -0.82 0.00	81.08 -0.74 0.00	80.24 -0.73 0.00	72.48 -0.81 0.00	79.92 -1.30 0.00	71.20 -0.72 0.00	76.78 -1.25 0.00	79.84 -1.46 0.00	71.76 -1.09 0.00	73.87 -1.20 0.00	71.21 -0.94 0.00	71.21 -0.94 0.00	71.14 -1.16 0.00	79.92 -1.22 0.00	81.92 -1.50 0.00	86.04 -2.03 0.00	86.14 -1.94 0.00	86.13 -1.49 0.00	86.22 -1.58 0.00	80.08 -0.89 0.00	77.43 -0.62 0.00	71.50 -0.50 0.00
HQ_GEN_CEDARS_PROXY 323590	86.57 -1.05 0.00	84.31 -0.94 0.00	81.00 -0.82 0.00	81.08 -0.74 0.00	80.24 -0.73 0.00	72.48 -0.80 0.00	79.91 -1.30 0.00	71.20 -0.72 0.00	76.78 -1.25 0.00	79.84 -1.46 0.00	71.77 -1.09 0.00	73.86 -1.20 0.00	71.21 -0.94 0.00	71.21 -0.94 0.00	71.13 -1.16 0.00	79.92 -1.21 0.00	81.93 -1.50 0.00	86.04 -2.02 0.00	86.14 -1.94 0.00	86.21 -1.41 0.00	86.13 -1.67 0.00	80.08 -0.89 0.00	77.42 -0.63 0.00	71.50 -0.50 0.00
HQ_GEN_IMPORT 323601	86.39 -1.23 0.00	84.13 -1.11 0.00	80.84 -0.98 0.00	80.84 -0.98 0.00	80.00 -0.97 0.00	72.41 -0.88 0.00	80.00 -1.22 0.00	71.20 -0.72 0.00	76.94 -1.09 0.00	80.00 -1.30 0.00	71.77 -1.09 0.00	73.86 -1.20 0.00	71.21 -0.94 0.00	71.21 -0.94 0.00	71.21 -1.08 0.00	80.00 -1.14 0.00	82.09 -1.34 0.00	86.39 -1.68 0.00	86.40 -1.68 0.00	86.39 -1.23 0.00	86.39 -1.41 0.00	80.00 -0.97 0.00	77.19 -0.86 0.00	71.21 -0.79 0.00
HQ_GEN_WHEEL 23651	86.39 -1.23 0.00	84.13 -1.11 0.00	80.84 -0.98 0.00	80.84 -0.98 0.00	80.00 -0.97 0.00	72.41 -0.88 0.00	80.00 -1.22 0.00	71.20 -0.72 0.00	76.94 -1.09 0.00	80.00 -1.30 0.00	71.77 -1.09 0.00	73.86 -1.20 0.00	71.21 -0.94 0.00	71.21 -0.94 0.00	71.21 -1.08 0.00	80.00 -1.14 0.00	82.09 -1.34 0.00	86.39 -1.68 0.00	86.40 -1.68 0.00	86.39 -1.23 0.00	86.39 -1.41 0.00	80.00 -0.97 0.00	77.19 -0.86 0.00	71.21 -0.79 0.00
HUDSON_AVE_GT_3 23810	129.45 6.66 -35.18	108.10 6.22 -16.64	108.11 5.73 -20.56	99.25 5.73 -11.71	100.08 5.67 -13.45	108.63 4.98 -30.36	113.97 5.85 -26.91	104.22 5.25 -27.05	107.63 6.24 -23.35	112.16 6.67 -24.19	96.52 6.12 -17.54	103.57 6.23 -22.27	100.66 5.92 -22.59	97.57 5.92 -19.51	100.27 5.78 -22.19	95.98 6.65 -8.19	104.46 6.59 -14.44	130.10 6.87 -35.16	148.93 6.96 -53.90	115.95 6.83 -21.50	105.17 6.85 -10.52	99.82 6.40 -12.45	93.23 6.01 -9.17	91.92 5.26 -14.66
HUDSON_AVE_GT_4 23540	129.45 6.66 -35.18	108.10 6.22 -16.64	108.11 5.73 -20.56	99.25 5.73 -11.71	100.08 5.67 -13.45	108.63 4.98 -30.36	113.97 5.85 -26.91	104.22 5.25 -27.05	107.63 6.24 -23.35	112.16 6.67 -24.19	96.52 6.12 -17.54	103.57 6.23 -22.27	100.66 5.92 -22.59	97.57 5.92 -19.51	100.27 5.78 -22.19	95.98 6.65 -8.19	104.46 6.59 -14.44	130.10 6.87 -35.16	148.93 6.96 -53.90	115.95 6.83 -21.50	105.17 6.85 -10.52	99.82 6.40 -12.45	93.23 6.01 -9.17	91.92 5.26 -14.66
HUDSON_AVE_GT_5 23657	129.45 6.66 -35.18	108.10 6.22 -16.64	108.11 5.73 -20.56	99.25 5.73 -11.71	100.08 5.67 -13.45	108.63 4.98 -30.36	113.97 5.85 -26.91	104.22 5.25 -27.05	107.63 6.24 -23.35	112.16 6.67 -24.19	96.52 6.12 -17.54	103.57 6.23 -22.27	100.66 5.92 -22.59	97.57 5.92 -19.51	100.27 5.78 -22.19	95.98 6.65 -8.19	104.46 6.59 -14.44	130.10 6.87 -35.16	148.93 6.96 -53.90	115.95 6.83 -21.50	105.17 6.85 -10.52	99.82 6.40 -12.45	93.23 6.01 -9.17	91.92 5.26 -14.66
HUDSON_AVE_10 24168	129.28 6.48 -35.18	107.93 6.05 -16.64	107.94 5.56 -20.56	99.17 5.65 -11.71	99.92 5.51 -13.45	108.41 4.76 -30.36	113.81 5.69 -26.91	104.15 5.18 -27.05	107.55 6.16 -23.35	112.08 6.59 -24.19	96.37 5.97 -17.54	103.42 6.08 -22.27	100.51 5.77 -22.59	97.43 5.77 -19.51	100.12 5.64 -22.19	95.90 6.57 -8.19	104.38 6.51 -14.44	130.01 6.78 -35.16	148.84 6.87 -53.90	115.86 6.75 -21.50	105.08 6.76 -10.52	99.73 6.32 -12.45	93.07 5.85 -9.17	91.77 5.11 -14.66
HUDSON___115KV_TB 4 355613	134.31 4.73 -41.97	109.53 4.43 -19.85	110.44 4.09 -24.53	99.96 4.17 -13.97	101.14 4.13 -16.04	113.31 3.81 -36.22	117.62 4.30 -32.10	107.36 3.16 -32.27	109.48 3.59 -27.86	113.82 3.66 -28.86	96.83 3.06 -20.91	104.55 2.93 -26.55	101.91 2.81 -26.95	98.24 2.81 -23.27	101.80 3.04 -26.48	94.70 3.81 -9.75	104.75 4.09 -17.23	150.96 4.40 -58.49	173.31 4.40 -80.83	134.01 4.21 -42.18	111.42 4.30 -19.32	106.44 3.81 -21.67	102.40 3.82 -20.53	93.38 3.89 -17.49
HUNTER MOUNT___DRP 323613	133.33 4.73 -40.98	109.06 4.43 -19.38	109.95 4.17 -23.95	99.63 4.17 -13.64	100.76 4.13 -15.67	112.46 3.81 -35.37	116.87 4.30 -31.35	106.67 3.24 -31.51	108.91 3.67 -27.21	113.15 3.66 -28.18	96.41 3.13 -20.42	103.92 2.93 -25.93	101.28 2.81 -26.32	97.62 2.74 -22.73	101.11 2.96 -25.85	94.55 3.89 -9.52	104.43 4.17 -16.83	146.92 4.58 -54.28	168.75 4.58 -76.10	130.35 4.38 -38.35	109.89 4.39 -17.70	104.77 3.81 -19.99	100.28 3.82 -18.40	92.90 3.82 -17.08
HUNTINGTON_RES_REC 323705	144.28 7.97 -48.69	137.62 7.58 -44.79	128.51 7.04 -39.65	120.76 7.04 -31.90	120.83 6.96 -32.90	116.18 6.23 -36.67	135.65 7.23 -47.21	140.72 6.48 -62.33	147.00 7.42 -61.55	146.63 7.97 -57.35	137.01 7.21 -56.94	126.44 7.28 -44.10	119.44 6.93 -40.36	119.21 7.00 -40.06	101.82 6.94 -22.58	132.98 7.87 -43.97	149.31 8.01 -57.88	175.64 8.54 -79.03	178.22 8.64 -81.51	155.96 8.41 -59.93	147.02 8.43 -50.80	136.33 7.70 -47.66	118.46 7.18 -33.24	94.06 6.41 -15.65
HUNTLEY___63 23557	86.24 -6.83 -5.45	80.58 -7.25 -2.58	77.97 -7.04 -3.19	76.68 -6.95 -1.81	76.09 -6.96 -2.08	71.91 -6.08 -4.71	78.65 -6.74 -4.17	68.13 -7.98 -4.19	69.50 -7.96 0.57	69.96 -7.56 3.78	63.05 -7.07 2.74	64.53 -7.43 3.10	63.28 -7.94 0.94	63.46 -7.79 0.90	61.89 -7.45 2.95	72.63 -9.01 -0.50	74.86 -9.43 -0.86	81.16 -9.51 -2.60	86.45 -9.86 -8.23	80.48 -10.43 -3.29	80.18 -9.31 -1.68	73.32 -9.64 -1.98	71.43 -8.12 -1.50	68.01 -6.26 -2.27
HUNTLEY___64 23558	86.24 -6.83 -5.45	80.58 -7.25 -2.58	77.97 -7.04 -3.19	76.68 -6.95 -1.81	76.09 -6.96 -2.08	71.91 -6.08 -4.71	78.65 -6.74 -4.17	68.13 -7.98 -4.19	69.50 -7.96 0.57	69.96 -7.56 3.78	63.05 -7.07 2.74	64.53 -7.43 3.10	63.28 -7.94 0.94	63.46 -7.79 0.90	61.89 -7.45 2.95	72.63 -9.01 -0.50	74.86 -9.43 -0.86	81.16 -9.51 -2.60	86.45 -9.86 -8.23	80.48 -10.43 -3.29	80.18 -9.31 -1.68	73.32 -9.64 -1.98	71.43 -8.12 -1.50	68.01 -6.26 -2.27
HUNTLEY___65 23559	86.24 -6.83 -5.45	80.58 -7.25 -2.58	77.97 -7.04 -3.19	76.68 -6.95 -1.81	76.09 -6.96 -2.08	71.91 -6.08 -4.71	78.65 -6.74 -4.17	68.13 -7.98 -4.19	69.50 -7.96 0.57	69.96 -7.56 3.78	63.05 -7.07 2.74	64.53 -7.43 3.10	63.28 -7.94 0.94	63.46 -7.79 0.90	61.89 -7.45 2.95	72.63 -9.01 -0.50	74.86 -9.43 -0.86	81.16 -9.51 -2.60	86.45 -9.86 -8.23	80.48 -10.43 -3.29	80.18 -9.31 -1.68	73.32 -9.64 -1.98	71.43 -8.12 -1.50	68.01 -6.26 -2.27
HUNTLEY___66 23560	86.24 -6.83 -5.45	80.58 -7.25 -2.58	77.97 -7.04 -3.19	76.68 -6.95 -1.81	76.09 -6.96 -2.08	71.91 -6.08 -4.71	78.65 -6.74 -4.17	68.13 -7.98 -4.19	69.50 -7.96 0.57	69.96 -7.56 3.78	63.05 -7.07 2.74	64.53 -7.43 3.10	63.28 -7.94 0.94	63.46 -7.79 0.90	61.89 -7.45 2.95	72.63 -9.01 -0.50	74.86 -9.43 -0.86	81.16 -9.51 -2.60	86.45 -9.86 -8.23	80.48 -10.43 -3.29	80.18 -9.31 -1.68	73.32 -9.64 -1.98	71.43 -8.12 -1.50	68.01 -6.26 -2.27

HUNTLEY___67 23561	85.81 -7.36 -5.56	80.20 -7.67 -2.63	77.62 -7.45 -3.25	76.30 -7.36 -1.85	75.72 -7.37 -2.12	71.56 -6.52 -4.80	78.48 -6.98 -4.25	68.14 -8.05 -4.27	68.24 -8.58 1.21	68.13 -8.13 5.05	61.69 -7.50 3.67	62.90 -8.03 4.14	62.21 -8.44 1.50	62.46 -8.30 1.39	60.31 -8.02 3.96	72.46 -9.17 -0.49	74.60 -9.68 -0.85	80.34 -10.04 -2.32	86.43 -10.04 -8.39	80.44 -10.51 -3.34	80.04 -9.48 -1.72	73.20 -9.80 -2.02	71.38 -8.20 -1.53	67.76 -6.55 -2.32
HUNTLEY___68 23562	85.81 -7.36 -5.56	80.20 -7.67 -2.63	77.62 -7.45 -3.25	76.30 -7.36 -1.85	75.72 -7.37 -2.12	71.56 -6.52 -4.80	78.48 -6.98 -4.25	68.14 -8.05 -4.27	68.24 -8.58 1.21	68.13 -8.13 5.05	61.69 -7.50 3.67	62.90 -8.03 4.14	62.21 -8.44 1.50	62.46 -8.30 1.39	60.31 -8.02 3.96	72.46 -9.17 -0.49	74.60 -9.68 -0.85	80.34 -10.04 -2.32	86.43 -10.04 -8.39	80.44 -10.51 -3.34	80.04 -9.48 -1.72	73.20 -9.80 -2.02	71.38 -8.20 -1.53	67.76 -6.55 -2.32
HYLAND___LFG 323620	93.40 -0.26 -6.05	87.25 -0.85 -2.86	84.61 -0.74 -3.53	83.01 -0.82 -2.01	82.55 -0.73 -2.31	77.77 -0.73 -5.22	85.60 -0.24 -4.63	75.42 -1.15 -4.65	97.43 -1.40 -20.80	114.17 -1.71 -34.58	95.68 -2.26 -25.08	102.73 -2.41 -30.07	84.35 -3.03 -15.23	83.13 -3.10 -14.08	99.01 -2.60 -29.32	79.22 -2.11 -0.19	82.66 -1.09 -0.32	101.88 0.35 -13.46	97.75 0.62 -9.05	90.93 -0.52 -3.83	89.77 0.09 -1.88	81.89 -1.30 -2.22	78.88 -0.86 -1.68	74.09 -0.43 -2.52
INDECK___CORINTH 23802	139.80 7.71 -44.48	113.78 7.50 -21.04	114.85 7.04 -26.00	103.73 7.11 -14.80	105.01 7.04 -17.00	118.19 6.52 -38.38	122.63 7.39 -34.02	112.16 6.04 -34.20	114.50 6.94 -29.53	119.37 7.48 -30.59	101.58 6.56 -22.16	109.36 6.16 -28.14	106.34 5.63 -28.56	102.45 5.63 -24.66	106.14 5.79 -28.06	98.12 6.65 -10.33	108.86 7.18 -18.26	189.38 7.93 -93.39	213.16 8.01 -117.07	171.70 7.97 -76.11	129.02 7.91 -33.32	124.17 7.29 -35.91	124.80 6.79 -39.96	96.65 6.12 -18.54
INDECK___ILION 23567	89.89 2.28 0.00	87.37 2.13 0.00	83.78 1.96 0.00	83.78 1.96 0.00	82.91 1.94 0.00	75.05 1.76 0.00	83.25 2.03 0.00	73.57 1.65 0.00	79.83 1.79 0.00	83.17 1.87 0.00	74.53 1.68 0.00	76.79 1.73 0.00	73.74 1.59 0.00	73.74 1.59 0.00	73.88 1.59 0.00	83.00 1.87 0.00	85.34 1.92 0.00	90.09 2.03 0.00	90.19 2.11 0.00	89.54 1.93 0.00	89.73 1.93 0.00	82.83 1.86 0.00	79.77 1.72 0.00	73.51 1.51 0.00
INDECK___OLEAN 23982	86.05 -8.15 -6.58	80.25 -8.10 -3.11	77.81 -7.85 -3.84	76.15 -7.85 -2.19	75.63 -7.85 -2.51	72.00 -6.96 -5.68	78.94 -7.31 -5.03	69.21 -7.77 -5.06	72.98 -8.27 -3.22	78.83 -4.96 -2.49	70.65 -4.01 -1.80	70.98 -6.46 -2.37	67.03 -6.78 -1.66	67.05 -6.64 -1.54	67.23 -7.44 -2.38	73.21 -8.36 -0.43	75.49 -8.68 -0.74	84.31 -8.81 -5.05	89.12 -8.89 -9.94	86.27 -5.43 -4.09	82.30 -7.55 -2.06	76.18 -7.21 -2.42	72.95 -6.95 -1.84	68.12 -6.62 -2.74
INDECK___OSWEGO 23783	87.96 -2.36 -2.70	84.13 -2.39 -1.28	81.02 -2.38 -1.58	80.34 -2.38 -0.90	79.65 -2.35 -1.03	73.49 -2.13 -2.33	81.09 -2.19 -2.07	71.91 -2.09 -2.08	77.64 -2.18 -1.79	80.89 -2.28 -1.86	72.09 -2.12 -1.35	74.67 -2.10 -1.71	71.72 -2.16 -1.73	71.48 -2.16 -1.50	71.97 -2.02 -1.70	79.49 -2.27 -0.63	82.36 -2.17 -1.11	87.53 -2.02 -1.49	88.98 -2.02 -2.92	85.60 -2.45 -0.44	85.83 -2.28 -0.31	79.00 -2.43 -0.46	75.71 -2.34 0.00	70.97 -2.16 -1.13
INDECK___YERKES 23781	85.89 -7.18 -5.45	80.66 -7.16 -2.58	78.05 -6.95 -3.19	76.76 -6.87 -1.81	76.17 -6.88 -2.08	71.91 -6.08 -4.71	78.73 -6.66 -4.17	68.20 -7.91 -4.19	69.50 -7.96 0.57	70.05 -7.48 3.78	63.12 -6.99 2.74	64.53 -7.43 3.10	63.35 -7.86 0.94	63.45 -7.79 0.90	61.96 -7.37 2.95	72.55 -9.09 -0.50	74.86 -9.43 -0.86	80.72 -9.95 -2.60	86.53 -9.78 -8.23	81.18 -9.73 -3.29	80.27 -9.22 -1.68	73.89 -9.07 -1.98	71.51 -8.04 -1.50	68.08 -6.19 -2.27
INDIAN POINT_GT_1 24139	127.95 5.52 -34.82	107.00 5.29 -16.47	107.00 4.83 -20.35	98.23 4.83 -11.59	99.05 4.78 -13.31	107.58 4.25 -30.05	112.80 4.95 -26.63	103.08 4.39 -26.77	106.30 5.15 -23.11	110.78 5.53 -23.94	95.31 5.10 -17.35	102.20 5.10 -22.03	99.34 4.83 -22.36	96.36 4.91 -19.31	99.03 4.77 -21.96	94.82 5.60 -8.09	103.31 5.59 -14.30	128.77 5.90 -34.81	147.41 5.99 -53.35	114.76 5.87 -21.28	104.18 5.97 -10.42	98.72 5.42 -12.32	92.12 5.00 -9.08	90.83 4.32 -14.51
INDIAN POINT_GT_2 23659	127.95 5.52 -34.82	107.00 5.29 -16.47	107.00 4.83 -20.35	98.23 4.83 -11.59	99.05 4.78 -13.31	107.58 4.25 -30.05	112.80 4.95 -26.63	103.08 4.39 -26.77	106.30 5.15 -23.11	110.78 5.53 -23.94	95.31 5.10 -17.35	102.20 5.10 -22.03	99.34 4.83 -22.36	96.36 4.91 -19.31	99.03 4.77 -21.96	94.82 5.60 -8.09	103.31 5.59 -14.30	128.77 5.90 -34.81	147.41 5.99 -53.35	114.76 5.87 -21.28	104.18 5.97 -10.42	98.72 5.42 -12.32	92.12 5.00 -9.08	90.83 4.32 -14.51
INDIAN POINT_GT_3 24019	127.95 5.52 -34.82	107.00 5.29 -16.47	107.00 4.83 -20.35	98.23 4.83 -11.59	99.05 4.78 -13.31	107.58 4.25 -30.05	112.80 4.95 -26.63	103.08 4.39 -26.77	106.30 5.15 -23.11	110.78 5.53 -23.94	95.31 5.10 -17.35	102.20 5.10 -22.03	99.34 4.83 -22.36	96.36 4.91 -19.31	99.03 4.77 -21.96	94.82 5.60 -8.09	103.31 5.59 -14.30	128.77 5.90 -34.81	147.41 5.99 -53.35	114.76 5.87 -21.28	104.18 5.97 -10.42	98.72 5.42 -12.32	92.12 5.00 -9.08	90.83 4.32 -14.51
INDIAN POINT___2 23530	127.31 5.35 -34.35	106.52 5.03 -16.25	106.56 4.66 -20.08	97.91 4.66 -11.43	98.71 4.61 -13.13	107.03 4.10 -29.64	112.28 4.79 -26.27	102.57 4.24 -26.41	105.83 5.00 -22.80	110.29 5.36 -23.62	94.85 4.88 -17.11	101.75 4.95 -21.73	98.89 4.69 -22.06	95.96 4.76 -19.05	98.59 4.63 -21.67	94.47 5.35 -7.98	102.87 5.34 -14.10	128.11 5.72 -34.33	146.42 5.72 -52.62	114.29 5.69 -20.98	103.77 5.70 -10.27	98.31 5.19 -12.15	91.84 4.84 -8.95	90.49 4.17 -14.31
INDIAN POINT___3 23531	127.89 5.43 -34.84	106.84 5.11 -16.48	106.93 4.75 -20.37	98.16 4.75 -11.60	98.98 4.70 -13.32	107.53 4.18 -30.07	112.74 4.87 -26.65	102.95 4.24 -26.79	106.23 5.07 -23.13	110.71 5.45 -23.96	95.17 4.95 -17.36	102.14 5.03 -22.04	99.29 4.76 -22.37	96.23 4.76 -19.32	98.90 4.63 -21.98	94.67 5.44 -8.10	103.16 5.42 -14.31	128.62 5.72 -34.83	147.27 5.81 -53.38	114.60 5.70 -21.29	104.02 5.79 -10.42	98.56 5.26 -12.33	91.97 4.84 -9.08	90.77 4.25 -14.52
INGHAM_C_115KV_TB7 356103	91.73 4.12 0.00	89.08 3.84 0.00	85.42 3.60 0.00	85.34 3.52 0.00	84.53 3.56 0.00	76.51 3.22 0.00	84.79 3.57 0.00	74.87 2.95 0.00	81.15 3.12 0.00	84.39 3.09 0.00	75.55 2.70 0.00	77.84 2.78 0.00	74.68 2.53 0.00	74.68 2.53 0.00	74.82 2.53 0.00	84.06 2.92 0.00	86.35 2.92 0.00	91.24 3.17 0.00	91.34 3.26 0.00	90.68 3.07 0.00	90.87 3.07 0.00	84.04 3.08 0.00	81.02 2.97 0.00	74.59 2.59 0.00
IP CORINTH___1 23988	139.80 7.71 -44.48	113.78 7.50 -21.04	114.85 7.04 -26.00	103.74 7.12 -14.80	105.01 7.04 -17.00	118.19 6.52 -38.38	122.63 7.39 -34.02	112.16 6.04 -34.20	114.50 6.94 -29.53	119.37 7.48 -30.59	101.58 6.56 -22.16	109.36 6.16 -28.14	106.34 5.63 -28.56	102.44 5.63 -24.66	106.13 5.78 -28.06	98.12 6.65 -10.33	108.86 7.17 -18.26	189.38 7.93 -93.39	213.16 8.01 -117.07	171.61 7.89 -76.11	129.02 7.90 -33.32	124.09 7.21 -35.91	124.81 6.79 -39.96	96.66 6.12 -18.54

IP___TICONDEROGA 23804	143.23 11.21 -44.39	117.15 10.91 -21.00	117.99 10.23 -25.95	106.90 10.31 -14.78	108.30 10.36 -16.97	121.20 9.60 -38.31	125.98 10.80 -33.96	114.90 8.85 -34.14	117.57 10.07 -29.47	122.65 10.81 -30.53	104.38 9.40 -22.12	111.94 8.78 -28.09	108.74 8.08 -28.51	104.78 8.01 -24.62	108.68 8.39 -28.01	101.27 9.82 -10.31	112.33 10.68 -18.23	192.35 11.80 -92.48	216.17 11.98 -116.12	174.59 11.74 -75.23	132.61 11.85 -32.96	127.04 10.53 -35.55	127.43 9.91 -39.46	99.29 8.78 -18.50
ISLIP_RES_REC 323679	145.25 8.94 -48.69	138.48 8.44 -44.79	129.40 7.93 -39.65	121.58 7.86 -31.90	121.64 7.77 -32.90	116.84 6.89 -36.67	136.55 8.12 -47.21	141.51 7.26 -62.33	147.85 8.27 -61.55	147.44 8.78 -57.35	137.74 7.94 -56.94	127.20 8.04 -44.10	120.16 7.64 -40.36	119.93 7.72 -40.06	102.53 7.66 -22.58	133.70 8.60 -43.97	150.06 8.76 -57.88	176.52 9.43 -79.03	179.01 9.43 -81.51	156.74 9.20 -59.93	147.81 9.22 -50.80	136.97 8.34 -47.66	119.17 7.88 -33.24	94.78 7.13 -15.65
JAMAICA__27_KV_LOAD 355505	129.89 7.10 -35.18	108.44 6.56 -16.64	108.43 6.05 -20.56	99.82 6.30 -11.71	100.57 6.15 -13.45	108.92 5.28 -30.36	114.54 6.42 -26.91	104.79 5.83 -27.05	108.33 6.94 -23.35	112.89 7.40 -24.19	97.10 6.70 -17.54	104.17 6.83 -22.27	101.16 6.42 -22.59	98.15 6.49 -19.51	100.85 6.36 -22.19	96.79 7.46 -8.19	105.30 7.42 -14.44	130.98 7.75 -35.16	149.90 7.93 -53.90	116.91 7.80 -21.50	106.14 7.81 -10.52	100.63 7.21 -12.45	93.78 6.56 -9.17	92.35 5.69 -14.66
JANIS___SOLAR 323808	100.79 3.68 -9.49	93.05 3.32 -4.49	90.31 2.94 -5.55	87.84 2.86 -3.16	87.43 2.83 -3.63	84.11 2.63 -8.19	91.89 3.41 -7.26	82.10 2.88 -7.30	88.49 3.04 -7.42	92.94 3.09 -8.55	81.60 2.55 -6.20	85.22 2.40 -7.75	84.49 2.09 -10.25	82.81 2.09 -8.57	82.20 2.17 -7.74	88.33 2.84 -4.36	95.00 3.84 -7.73	106.27 4.58 -13.62	109.60 4.75 -16.77	99.30 4.38 -7.31	95.39 4.13 -3.47	88.11 3.15 -3.99	84.14 2.73 -3.36	78.33 2.37 -3.96
JARVIS____ 23743	88.40 0.79 0.00	85.92 0.68 0.00	82.47 0.65 0.00	82.47 0.65 0.00	81.61 0.64 0.00	73.87 0.58 0.00	81.95 0.73 0.00	72.43 0.51 0.00	78.73 0.70 0.00	82.03 0.73 0.00	73.51 0.65 0.00	75.74 0.67 0.00	72.80 0.65 0.00	72.80 0.65 0.00	72.94 0.65 0.00	81.86 0.73 0.00	84.17 0.75 0.00	88.95 0.88 0.00	88.96 0.88 0.00	88.40 0.79 0.00	88.59 0.79 0.00	81.70 0.73 0.00	78.67 0.62 0.00	72.51 0.51 0.00
JENNISON___1 23625	104.23 4.38 -12.23	95.04 4.01 -5.79	92.57 3.60 -7.15	89.49 3.60 -4.07	89.21 3.56 -4.68	87.14 3.30 -10.56	94.47 3.90 -9.36	84.64 3.31 -9.41	89.90 3.75 -8.12	93.62 3.90 -8.41	82.38 3.42 -6.10	86.19 3.38 -7.74	83.65 2.96 -8.54	82.42 2.96 -7.31	82.91 2.89 -7.73	88.00 3.57 -3.29	93.76 4.50 -5.83	109.00 5.11 -15.83	115.44 5.28 -22.08	103.07 4.82 -10.64	97.50 4.74 -4.96	90.26 3.64 -5.64	86.44 3.36 -5.04	79.84 2.74 -5.10
JENNISON___2 23626	104.23 4.38 -12.23	95.04 4.01 -5.79	92.57 3.60 -7.15	89.49 3.60 -4.07	89.21 3.56 -4.68	87.14 3.30 -10.56	94.47 3.90 -9.36	84.64 3.31 -9.41	89.90 3.75 -8.12	93.62 3.90 -8.41	82.38 3.42 -6.10	86.19 3.38 -7.74	83.65 2.96 -8.54	82.42 2.96 -7.31	82.91 2.89 -7.73	88.00 3.57 -3.29	93.76 4.50 -5.83	109.00 5.11 -15.83	115.44 5.28 -22.08	103.07 4.82 -10.64	97.50 4.74 -4.96	90.26 3.64 -5.64	86.44 3.36 -5.04	79.84 2.74 -5.10
JERICHO_RISE_WT_PWR 323719	85.34 -2.28 0.00	83.20 -2.05 0.00	80.02 -1.80 0.00	80.02 -1.80 0.00	79.02 -1.94 0.00	71.38 -1.91 0.00	78.37 -2.84 0.00	69.83 -2.09 0.00	75.30 -2.73 0.00	78.38 -2.92 0.00	70.16 -2.69 0.00	72.14 -2.93 0.00	69.70 -2.45 0.00	69.56 -2.59 0.00	69.55 -2.75 0.00	78.22 -2.92 0.00	80.34 -3.09 0.00	84.54 -3.53 0.00	84.91 -3.17 0.00	84.99 -2.63 0.00	84.90 -2.90 0.00	78.95 -2.02 0.00	76.10 -1.95 0.00	70.27 -1.73 0.00
KATONAH___115KV_46KV_TB4 355592	129.63 6.40 -35.62	108.23 6.14 -16.85	108.37 5.73 -20.82	99.32 5.65 -11.86	100.17 5.59 -13.62	109.08 5.06 -30.74	114.23 5.77 -27.25	104.35 5.03 -27.39	107.61 5.93 -23.65	112.14 6.34 -24.50	96.43 5.83 -17.75	103.46 5.86 -22.54	100.58 5.56 -22.87	97.46 5.56 -19.75	100.19 5.42 -22.47	95.74 6.33 -8.28	104.48 6.42 -14.63	130.66 6.96 -35.64	149.64 6.96 -54.61	116.25 6.83 -21.80	105.40 6.94 -10.67	99.74 6.15 -12.62	92.97 5.62 -9.30	91.81 4.97 -14.85
KCE_NY_1 323755	138.43 6.48 -44.33	112.52 6.31 -20.97	113.70 5.97 -25.91	102.54 5.97 -14.75	103.91 5.99 -16.95	117.04 5.50 -38.26	121.30 6.17 -33.91	111.11 5.11 -34.09	113.24 5.77 -29.43	117.97 6.18 -30.49	100.34 5.39 -22.09	108.37 5.25 -28.05	105.53 4.91 -28.47	101.57 4.83 -24.58	105.32 5.06 -27.97	97.28 5.85 -10.30	107.80 6.17 -18.20	186.61 6.78 -91.76	210.22 6.78 -115.36	168.90 6.75 -74.54	127.23 6.76 -32.67	122.37 6.15 -35.25	122.89 5.78 -39.07	95.66 5.19 -18.48
KCE_NY_6_ESR 323823	85.79 -7.62 -5.80	80.31 -7.67 -2.74	77.76 -7.44 -3.39	76.38 -7.36 -1.93	75.82 -7.37 -2.22	71.77 -6.52 -5.01	78.75 -6.90 -4.44	68.47 -7.91 -4.46	68.34 -8.43 1.26	68.77 -7.32 5.22	62.44 -6.63 3.79	63.16 -7.58 4.33	62.63 -7.94 1.58	62.80 -7.86 1.49	60.42 -7.73 4.14	72.78 -8.84 -0.48	75.00 -9.26 -0.84	80.89 -9.60 -2.42	87.42 -9.42 -8.76	82.12 -9.02 -3.53	80.82 -8.78 -1.80	74.26 -8.82 -2.12	71.93 -7.73 -1.60	68.08 -6.34 -2.42
KEDC PORT_JEFF_GT2 24210	144.80 8.50 -48.69	138.14 8.10 -44.79	128.99 7.52 -39.65	121.24 7.52 -31.90	121.31 7.44 -32.90	116.55 6.60 -36.67	136.14 7.72 -47.21	141.15 6.90 -62.33	147.55 7.96 -61.55	147.11 8.46 -57.35	137.45 7.65 -56.94	126.90 7.73 -44.10	119.87 7.36 -40.36	119.64 7.43 -40.06	102.25 7.38 -22.58	133.39 8.28 -43.97	149.64 8.34 -57.88	176.08 8.99 -79.03	178.57 8.99 -81.51	156.30 8.76 -59.93	147.37 8.78 -50.80	136.65 8.02 -47.66	118.86 7.57 -33.24	94.42 6.77 -15.65
KEDC PORT_JEFF_GT3 24211	144.80 8.50 -48.69	138.14 8.10 -44.79	128.99 7.52 -39.65	121.24 7.52 -31.90	121.31 7.44 -32.90	116.55 6.60 -36.67	136.14 7.72 -47.21	141.15 6.90 -62.33	147.55 7.96 -61.55	147.11 8.46 -57.35	137.45 7.65 -56.94	126.90 7.73 -44.10	119.87 7.36 -40.36	119.64 7.43 -40.06	102.25 7.38 -22.58	133.39 8.28 -43.97	149.64 8.34 -57.88	176.08 8.99 -79.03	178.57 8.99 -81.51	156.30 8.76 -59.93	147.37 8.78 -50.80	136.65 8.02 -47.66	118.86 7.57 -33.24	94.42 6.77 -15.65
KEDC_GLWD_GT4 24219	143.84 7.54 -48.69	137.20 7.16 -44.79	128.18 6.71 -39.65	120.43 6.71 -31.90	120.51 6.64 -32.90	115.89 5.93 -36.67	135.25 6.82 -47.21	140.00 5.76 -62.33	146.37 6.79 -61.55	145.89 7.23 -57.35	136.36 6.56 -56.94	125.77 6.61 -44.10	118.86 6.35 -40.36	118.56 6.35 -40.06	101.09 6.22 -22.58	132.25 7.14 -43.97	148.56 7.25 -57.88	174.85 7.75 -79.03	177.42 7.84 -81.51	155.26 7.71 -59.93	146.32 7.73 -50.80	135.67 7.04 -47.66	117.84 6.56 -33.24	93.41 5.76 -15.65
KEDC_GLWD_GT5 24220	143.84 7.54 -48.69	137.20 7.16 -44.79	128.18 6.71 -39.65	120.43 6.71 -31.90	120.51 6.64 -32.90	115.89 5.93 -36.67	135.25 6.82 -47.21	140.00 5.76 -62.33	146.37 6.79 -61.55	145.89 7.23 -57.35	136.36 6.56 -56.94	125.77 6.61 -44.10	118.86 6.35 -40.36	118.56 6.35 -40.06	101.09 6.22 -22.58	132.25 7.14 -43.97	148.56 7.25 -57.88	174.85 7.75 -79.03	177.42 7.84 -81.51	155.26 7.71 -59.93	146.32 7.73 -50.80	135.67 7.04 -47.66	117.84 6.56 -33.24	93.41 5.76 -15.65

KENSICO____ 23655	128.59 5.87 -35.10	107.39 5.54 -16.60	107.49 5.15 -20.52	98.57 5.07 -11.68	99.41 5.02 -13.42	108.05 4.47 -30.29	113.27 5.20 -26.85	103.52 4.60 -26.99	106.80 5.46 -23.30	111.30 5.85 -24.14	95.67 5.32 -17.49	102.68 5.40 -22.21	99.81 5.12 -22.54	96.81 5.19 -19.47	99.50 5.06 -22.14	95.13 5.84 -8.16	103.68 5.84 -14.41	129.41 6.25 -35.09	148.12 6.25 -53.79	115.20 6.13 -21.45	104.53 6.23 -10.50	99.06 5.67 -12.43	92.43 5.23 -9.15	91.24 4.61 -14.63
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	127.57 6.22 -33.73	107.25 6.05 -15.96	107.10 5.56 -19.72	98.61 5.56 -11.23	99.37 5.51 -12.90	107.31 4.91 -29.11	112.71 5.69 -25.81	102.68 4.82 -25.94	106.05 5.62 -22.40	110.36 5.85 -23.20	94.91 5.25 -16.81	101.66 5.25 -21.34	98.86 5.05 -21.66	95.91 5.05 -18.71	98.49 4.92 -21.28	94.82 5.84 -7.84	103.45 6.17 -13.85	129.79 6.69 -35.03	147.95 6.87 -53.00	116.20 6.66 -21.93	105.10 6.67 -10.63	99.28 5.83 -12.48	92.91 5.31 -9.56	90.74 4.68 -14.06
KIAC_JFK_GT1 23816	128.93 6.13 -35.18	107.59 5.71 -16.64	107.62 5.24 -20.56	99.33 5.81 -11.71	100.08 5.67 -13.45	108.19 4.54 -30.36	113.73 5.60 -26.91	104.15 5.18 -27.05	107.55 6.16 -23.35	112.08 6.59 -24.19	96.37 5.97 -17.54	103.42 6.08 -22.27	100.51 5.77 -22.59	97.43 5.77 -19.51	100.12 5.64 -22.19	95.98 6.65 -8.19	104.46 6.59 -14.44	130.10 6.87 -35.16	148.93 6.96 -53.90	116.04 6.92 -21.50	105.26 6.94 -10.52	99.73 6.32 -12.45	93.00 5.78 -9.17	91.63 4.97 -14.66
KIAC_JFK_GT2 23817	128.93 6.13 -35.18	107.59 5.71 -16.64	107.62 5.24 -20.56	99.33 5.81 -11.71	100.08 5.67 -13.45	108.19 4.54 -30.36	113.73 5.60 -26.91	104.15 5.18 -27.05	107.55 6.16 -23.35	112.08 6.59 -24.19	96.37 5.97 -17.54	103.42 6.08 -22.27	100.51 5.77 -22.59	97.43 5.77 -19.51	100.12 5.64 -22.19	95.98 6.65 -8.19	104.46 6.59 -14.44	130.10 6.87 -35.16	148.93 6.96 -53.90	116.04 6.92 -21.50	105.26 6.94 -10.52	99.73 6.32 -12.45	93.00 5.78 -9.17	91.63 4.97 -14.66
KIAC_JFK____ 323774	128.92 6.13 -35.18	107.59 5.71 -16.64	107.62 5.24 -20.56	99.33 5.81 -11.71	100.08 5.67 -13.45	108.19 4.55 -30.36	113.72 5.60 -26.91	104.15 5.18 -27.05	107.55 6.16 -23.35	112.08 6.58 -24.19	96.44 6.04 -17.54	103.41 6.08 -22.27	100.51 5.77 -22.59	97.43 5.77 -19.51	100.13 5.64 -22.19	95.89 6.57 -8.19	104.38 6.51 -14.44	130.10 6.87 -35.16	148.93 6.96 -53.90	116.03 6.92 -21.50	105.26 6.93 -10.52	99.74 6.32 -12.45	93.00 5.78 -9.17	91.62 4.96 -14.66
KINTIGH____ 23543	86.73 -5.70 -4.81	81.46 -6.05 -2.27	78.82 -5.81 -2.81	77.69 -5.73 -1.60	77.06 -5.75 -1.84	72.38 -5.06 -4.15	79.45 -5.44 -3.68	69.29 -6.33 -3.70	71.86 -6.87 -0.70	72.66 -7.40 1.24	64.96 -6.99 0.90	67.45 -6.76 0.86	65.20 -7.14 -0.20	65.17 -7.14 -0.16	65.01 -6.51 0.78	74.27 -7.38 -0.51	76.56 -7.76 -0.90	83.01 -8.19 -3.14	87.31 -8.01 -7.25	82.06 -8.67 -3.12	81.28 -7.99 -1.47	74.77 -7.93 -1.73	72.40 -6.95 -1.30	68.75 -5.26 -2.00
KNTFSRNC_46_KV_46KV_LOAD 80397	86.74 -0.88 0.00	84.56 -0.68 0.00	81.41 -0.41 0.00	81.41 -0.41 0.00	80.40 -0.57 0.00	72.63 -0.66 0.00	79.43 -1.79 0.00	70.77 -1.15 0.00	76.32 -1.72 0.00	79.43 -1.87 0.00	71.11 -1.75 0.00	73.12 -1.95 0.00	70.56 -1.59 0.00	70.42 -1.73 0.00	70.41 -1.88 0.00	79.11 -2.03 0.00	81.17 -2.25 0.00	85.60 -2.47 0.00	86.05 -2.03 0.00	86.13 -1.49 0.00	86.13 -1.67 0.00	80.08 -0.89 0.00	77.19 -0.86 0.00	71.57 -0.43 0.00
LACHUTE__HYDRO 323717	143.23 11.22 -44.39	117.16 10.91 -21.00	117.99 10.23 -25.95	106.90 10.31 -14.78	108.31 10.37 -16.97	121.20 9.60 -38.31	125.98 10.80 -33.96	114.90 8.84 -34.14	117.58 10.07 -29.47	122.65 10.81 -30.53	104.38 9.40 -22.12	111.93 8.78 -28.09	108.74 8.08 -28.51	104.78 8.01 -24.62	108.68 8.38 -28.01	101.26 9.81 -10.31	112.34 10.68 -18.23	192.43 11.88 -92.48	216.17 11.98 -116.12	174.67 11.82 -75.23	132.60 11.85 -32.96	127.12 10.60 -35.55	127.43 9.91 -39.46	99.28 8.78 -18.50
LAWRNCV_115KV_TB1 80681	86.39 -1.23 0.00	84.22 -1.02 0.00	80.92 -0.90 0.00	81.00 -0.82 0.00	80.16 -0.81 0.00	72.26 -1.03 0.00	79.35 -1.87 0.00	70.70 -1.22 0.00	76.32 -1.72 0.00	79.27 -2.03 0.00	71.55 -1.31 0.00	73.64 -1.43 0.00	71.00 -1.15 0.00	71.00 -1.15 0.00	70.92 -1.37 0.00	79.68 -1.46 0.00	81.51 -1.92 0.00	85.51 -2.55 0.00	85.61 -2.47 0.00	85.60 -2.02 0.00	85.52 -2.28 0.00	79.59 -1.38 0.00	77.19 -0.86 0.00	71.42 -0.58 0.00
LEDERLE____ 23769	127.00 5.52 -33.87	106.46 5.20 -16.02	106.44 4.83 -19.80	97.92 4.83 -11.27	98.61 4.70 -12.95	106.69 4.18 -29.23	112.00 4.87 -25.91	102.28 4.32 -26.04	105.59 5.07 -22.48	110.04 5.45 -23.29	94.76 5.03 -16.87	101.52 5.03 -21.43	98.66 4.76 -21.75	95.76 4.83 -18.78	98.36 4.70 -21.36	94.52 5.52 -7.87	102.84 5.51 -13.91	127.81 5.90 -33.84	145.94 5.99 -51.88	114.17 5.87 -20.68	103.81 5.88 -10.13	98.29 5.34 -11.98	91.79 4.92 -8.82	90.43 4.32 -14.11
LIGHTHSE_115KV_TB6 355974	89.31 -0.79 -2.48	85.39 -1.02 -1.17	82.12 -1.15 -1.45	81.50 -1.15 -0.83	80.70 -1.21 -0.95	74.33 -1.10 -2.14	82.14 -0.97 -1.90	72.89 -0.93 -1.91	78.74 -0.94 -1.65	81.95 -1.06 -1.71	73.15 -0.95 -1.24	75.66 -0.98 -1.57	72.66 -1.08 -1.59	72.52 -1.01 -1.38	72.92 -0.94 -1.57	80.90 -0.81 -0.58	83.94 -0.50 -1.02	89.17 -0.26 -1.37	90.59 -0.18 -2.69	87.40 -0.61 -0.40	87.47 -0.61 -0.29	80.42 -0.97 -0.42	76.96 -1.09 0.00	71.88 -1.15 -1.03
LINDEN COGEN____ 23786	65.40 5.87 28.09	46.11 5.54 44.67	46.11 5.07 40.78	46.11 5.07 40.78	46.11 5.02 39.88	48.23 4.32 29.38	55.72 5.20 30.70	63.10 4.67 13.49	46.11 5.62 37.54	46.11 6.02 41.21	46.11 5.53 32.28	46.11 5.55 34.51	45.50 5.26 31.91	44.41 5.34 33.08	43.99 5.13 33.44	42.75 6.00 44.39	41.65 5.75 47.53	47.55 5.99 46.51	17.23 6.07 76.92	17.30 6.04 76.36	45.65 6.05 48.20	43.80 5.67 42.83	46.11 5.31 37.25	46.11 4.61 30.50
LINDHRST_69_KV_BK1 356055	144.63 8.32 -48.69	137.88 7.84 -44.79	128.83 7.36 -39.65	121.00 7.28 -31.90	121.08 7.21 -32.90	116.40 6.45 -36.67	135.90 7.47 -47.21	140.86 6.62 -62.33	147.23 7.65 -61.55	146.78 8.13 -57.35	137.23 7.43 -56.94	126.67 7.51 -44.10	119.65 7.14 -40.36	119.42 7.22 -40.06	101.96 7.08 -22.58	133.30 8.19 -43.97	149.56 8.26 -57.88	175.90 8.81 -79.03	178.39 8.81 -81.51	156.22 8.67 -59.93	147.37 8.78 -50.80	136.65 8.02 -47.66	118.78 7.49 -33.24	94.35 6.70 -15.65
LIPA_MISC_IPP 23656	144.72 8.41 -48.69	137.96 7.93 -44.79	128.83 7.36 -39.65	121.08 7.36 -31.90	121.16 7.29 -32.90	116.40 6.45 -36.67	136.06 7.63 -47.21	141.08 6.83 -62.33	147.39 7.80 -61.55	146.95 8.29 -57.35	137.23 7.43 -56.94	126.74 7.58 -44.10	119.65 7.14 -40.36	119.42 7.22 -40.06	102.03 7.16 -22.58	133.22 8.11 -43.97	149.48 8.18 -57.88	175.90 8.81 -79.03	178.30 8.72 -81.51	156.04 8.50 -59.93	147.11 8.52 -50.80	136.32 7.69 -47.66	118.62 7.34 -33.24	94.28 6.62 -15.65
LISF__SOLAR 323691	144.80 8.50 -48.69	138.14 8.10 -44.79	128.99 7.52 -39.65	121.16 7.44 -31.90	121.31 7.44 -32.90	116.55 6.60 -36.67	136.22 7.80 -47.21	141.22 6.97 -62.33	147.55 7.96 -61.55	147.11 8.46 -57.35	137.38 7.58 -56.94	126.82 7.66 -44.10	119.79 7.28 -40.36	119.57 7.36 -40.06	102.17 7.30 -22.58	133.39 8.28 -43.97	149.64 8.34 -57.88	176.17 9.07 -79.03	178.48 8.89 -81.51	156.30 8.76 -59.93	147.29 8.69 -50.80	136.57 7.94 -47.66	118.78 7.49 -33.24	94.42 6.77 -15.65

LITTLE FALLS___HYD 24013	91.73 4.12 0.00	89.08 3.84 0.00	85.42 3.60 0.00	85.34 3.52 0.00	84.53 3.56 0.00	76.51 3.22 0.00	84.79 3.57 0.00	74.87 2.95 0.00	81.15 3.12 0.00	84.39 3.09 0.00	75.55 2.70 0.00	77.84 2.78 0.00	74.68 2.53 0.00	74.68 2.53 0.00	74.82 2.53 0.00	84.06 2.92 0.00	86.35 2.92 0.00	91.24 3.17 0.00	91.34 3.26 0.00	90.68 3.07 0.00	90.87 3.07 0.00	84.04 3.08 0.00	81.02 2.97 0.00	74.59 2.59 0.00
LITTLRIV_115KV_TB1 356100	87.35 -0.26 0.00	85.16 -0.09 0.00	81.74 -0.08 0.00	81.82 0.00 0.00	80.97 0.00 0.00	73.07 -0.22 0.00	80.16 -1.06 0.00	71.49 -0.43 0.00	77.10 -0.94 0.00	80.08 -1.22 0.00	72.20 -0.66 0.00	74.39 -0.68 0.00	71.72 -0.43 0.00	71.72 -0.43 0.00	71.57 -0.72 0.00	80.57 -0.57 0.00	82.51 -0.92 0.00	86.66 -1.41 0.00	86.76 -1.32 0.00	86.65 -0.96 0.00	86.57 -1.23 0.00	80.56 -0.40 0.00	78.05 0.00 0.00	72.14 0.14 0.00
LI_NEWBRDGE___DRP 323616	143.14 6.83 -48.69	136.51 6.48 -44.79	127.52 6.05 -39.65	119.77 6.05 -31.90	119.78 5.91 -32.90	115.23 5.28 -36.67	134.60 6.17 -47.21	139.71 5.47 -62.33	145.91 6.32 -61.55	145.40 6.75 -57.35	135.99 6.19 -56.94	125.47 6.31 -44.10	118.50 5.99 -40.36	118.20 5.99 -40.06	100.73 5.86 -22.58	131.92 6.82 -43.97	148.06 6.76 -57.88	174.23 7.13 -79.03	176.81 7.22 -81.51	154.64 7.10 -59.93	145.79 7.20 -50.80	135.19 6.56 -47.66	117.45 6.17 -33.24	93.12 5.47 -15.65
LOCKPORT_115KV_TB60_63_64 80432	85.04 -7.80 -5.22	79.53 -8.18 -2.47	77.01 -7.85 -3.05	75.78 -7.77 -1.74	75.19 -7.77 -1.99	70.90 -6.89 -4.50	77.82 -7.39 -3.99	67.44 -8.49 -4.01	69.54 -8.35 0.14	70.30 -8.21 2.80	63.17 -7.65 2.03	64.85 -7.88 2.34	63.28 -8.37 0.50	63.38 -8.23 0.54	62.27 -7.81 2.21	71.98 -9.66 -0.50	74.20 -10.09 -0.87	80.40 -10.39 -2.72	85.47 -10.48 -7.88	79.65 -11.13 -3.16	79.40 -10.01 -1.61	72.58 -10.28 -1.89	70.66 -8.82 -1.43	67.26 -6.91 -2.17
LOCKPORT___CC1 323769	84.46 -8.41 -5.26	79.38 -8.35 -2.49	76.79 -8.10 -3.07	75.55 -8.01 -1.75	74.96 -8.02 -2.01	70.72 -7.11 -4.54	77.60 -7.64 -4.02	67.26 -8.70 -4.04	68.90 -8.74 0.40	69.47 -8.54 3.30	62.44 -8.01 2.40	64.06 -8.26 2.75	62.76 -8.66 0.73	62.83 -8.59 0.74	61.58 -8.10 2.62	71.65 -9.98 -0.50	73.86 -10.43 -0.87	79.66 -11.01 -2.61	85.27 -10.75 -7.94	79.67 -11.13 -3.18	79.15 -10.27 -1.62	73.00 -9.88 -1.91	70.52 -8.97 -1.44	67.06 -7.13 -2.19
LOCKPORT___CC2 323770	84.46 -8.41 -5.26	79.38 -8.35 -2.49	76.79 -8.10 -3.07	75.55 -8.01 -1.75	74.96 -8.02 -2.01	70.72 -7.11 -4.54	77.60 -7.64 -4.02	67.26 -8.70 -4.04	68.90 -8.74 0.40	69.47 -8.54 3.30	62.44 -8.01 2.40	64.06 -8.26 2.75	62.76 -8.66 0.73	62.83 -8.59 0.74	61.58 -8.10 2.62	71.65 -9.98 -0.50	73.86 -10.43 -0.87	79.66 -11.01 -2.61	85.27 -10.75 -7.94	79.67 -11.13 -3.18	79.15 -10.27 -1.62	73.00 -9.88 -1.91	70.52 -8.97 -1.44	67.06 -7.13 -2.19
LOCKPORT___CC3 323771	84.46 -8.41 -5.26	79.38 -8.35 -2.49	76.79 -8.10 -3.07	75.55 -8.01 -1.75	74.96 -8.02 -2.01	70.72 -7.11 -4.54	77.60 -7.64 -4.02	67.26 -8.70 -4.04	68.90 -8.74 0.40	69.47 -8.54 3.30	62.44 -8.01 2.40	64.06 -8.26 2.75	62.76 -8.66 0.73	62.83 -8.59 0.74	61.58 -8.10 2.62	71.65 -9.98 -0.50	73.86 -10.43 -0.87	79.66 -11.01 -2.61	85.27 -10.75 -7.94	79.67 -11.13 -3.18	79.15 -10.27 -1.62	73.00 -9.88 -1.91	70.52 -8.97 -1.44	67.06 -7.13 -2.19
LONG_LAKE_PHOENIX 24014	88.56 -1.84 -2.79	84.60 -1.96 -1.32	81.48 -1.96 -1.63	80.78 -1.96 -0.93	80.09 -1.94 -1.07	73.86 -1.83 -2.41	81.56 -1.79 -2.13	72.34 -1.73 -2.14	78.09 -1.79 -1.85	81.43 -1.79 -1.92	72.57 -1.68 -1.39	75.10 -1.73 -1.76	72.14 -1.80 -1.79	71.89 -1.80 -1.55	72.39 -1.66 -1.76	80.00 -1.78 -0.65	82.82 -1.75 -1.14	88.01 -1.59 -1.53	89.51 -1.59 -3.02	86.14 -1.93 -0.45	86.28 -1.84 -0.32	79.49 -1.94 -0.47	76.10 -1.95 0.00	71.43 -1.73 -1.16
LOVETT___3 23632	126.69 5.08 -33.99	106.09 4.77 -16.08	106.10 4.42 -19.87	97.55 4.42 -11.31	98.33 4.37 -12.99	106.50 3.88 -29.33	111.77 4.55 -26.00	102.01 3.96 -26.14	105.36 4.76 -22.57	109.72 5.04 -23.38	94.46 4.66 -16.94	101.30 4.73 -21.50	98.45 4.47 -21.83	95.55 4.55 -18.85	98.07 4.34 -21.44	94.15 5.11 -7.90	102.47 5.09 -13.96	127.49 5.46 -33.97	145.61 5.46 -52.07	113.72 5.34 -20.76	103.41 5.44 -10.16	97.93 4.94 -12.03	91.43 4.53 -8.85	90.13 3.96 -14.17
LOVETT___4 23642	126.69 5.08 -33.99	106.09 4.77 -16.08	106.10 4.42 -19.87	97.55 4.42 -11.31	98.33 4.37 -12.99	106.50 3.88 -29.33	111.77 4.55 -26.00	102.01 3.96 -26.14	105.36 4.76 -22.57	109.72 5.04 -23.38	94.46 4.66 -16.94	101.30 4.73 -21.50	98.45 4.47 -21.83	95.55 4.55 -18.85	98.07 4.34 -21.44	94.15 5.11 -7.90	102.47 5.09 -13.96	127.49 5.46 -33.97	145.61 5.46 -52.07	113.72 5.34 -20.76	103.41 5.44 -10.16	97.93 4.94 -12.03	91.43 4.53 -8.85	90.13 3.96 -14.17
LOVETT___5 23593	126.69 5.08 -33.99	106.09 4.77 -16.08	106.10 4.42 -19.87	97.55 4.42 -11.31	98.33 4.37 -12.99	106.50 3.88 -29.33	111.77 4.55 -26.00	102.01 3.96 -26.14	105.36 4.76 -22.57	109.72 5.04 -23.38	94.46 4.66 -16.94	101.30 4.73 -21.50	98.45 4.47 -21.83	95.55 4.55 -18.85	98.07 4.34 -21.44	94.15 5.11 -7.90	102.47 5.09 -13.96	127.49 5.46 -33.97	145.61 5.46 -52.07	113.72 5.34 -20.76	103.41 5.44 -10.16	97.93 4.94 -12.03	91.43 4.53 -8.85	90.13 3.96 -14.17
LOWER RAQUET___HYD 24057	86.48 -1.14 0.00	84.22 -1.02 0.00	80.92 -0.90 0.00	81.00 -0.82 0.00	80.16 -0.81 0.00	72.19 -1.10 0.00	79.19 -2.03 0.00	70.63 -1.29 0.00	76.16 -1.87 0.00	79.19 -2.11 0.00	71.47 -1.39 0.00	73.57 -1.50 0.00	70.99 -1.16 0.00	70.92 -1.23 0.00	70.85 -1.45 0.00	79.68 -1.46 0.00	81.42 -2.00 0.00	85.34 -2.73 0.00	85.52 -2.56 0.00	85.43 -2.19 0.00	85.34 -2.46 0.00	79.51 -1.46 0.00	77.19 -0.86 0.00	71.42 -0.58 0.00
LOWER___HUDSON 24059	136.32 5.17 -43.54	110.86 5.03 -20.59	112.01 4.74 -25.45	101.05 4.74 -14.49	102.30 4.69 -16.64	115.11 4.25 -37.57	119.31 4.79 -33.30	109.49 4.10 -33.48	111.62 4.68 -28.90	116.20 4.96 -29.94	98.99 4.44 -21.69	107.04 4.43 -27.54	104.29 4.18 -27.96	100.48 4.18 -24.14	104.02 4.26 -27.46	96.12 4.87 -10.12	106.39 5.09 -17.88	175.33 5.46 -81.80	198.52 5.46 -104.98	157.94 5.43 -64.89	121.92 5.45 -28.68	117.10 4.94 -31.19	116.28 4.68 -33.55	94.39 4.25 -18.14
LOWVILLE_115KV_TB2 356335	89.88 1.05 -1.21	86.58 0.77 -0.57	83.01 0.49 -0.71	82.79 0.57 -0.40	82.08 0.65 -0.46	74.91 0.59 -1.04	82.79 0.65 -0.92	73.57 0.72 -0.93	79.69 0.86 -0.80	82.78 0.65 -0.83	74.26 0.80 -0.60	76.58 0.75 -0.76	73.65 0.72 -0.78	73.54 0.72 -0.67	73.70 0.65 -0.76	82.47 1.05 -0.28	85.59 1.67 -0.50	90.58 1.85 -0.66	91.32 1.94 -1.31	89.48 1.66 -0.20	89.25 1.32 -0.14	82.14 0.97 -0.20	78.75 0.70 0.00	72.94 0.43 -0.50
LUTHERFT_115KV_GLOB_FND_222 355753	138.43 6.48 -44.33	112.52 6.31 -20.97	113.62 5.89 -25.91	102.54 5.97 -14.75	103.82 5.91 -16.95	116.97 5.42 -38.26	121.22 6.09 -33.91	111.04 5.03 -34.09	113.16 5.70 -29.43	117.89 6.10 -30.49	100.34 5.39 -22.09	108.29 5.18 -28.05	105.45 4.83 -28.47	101.57 4.83 -24.58	105.25 4.99 -27.97	97.20 5.76 -10.30	107.80 6.17 -18.20	186.52 6.69 -91.76	210.13 6.69 -115.36	168.73 6.57 -74.54	127.14 6.67 -32.67	122.21 5.99 -35.25	122.82 5.70 -39.07	95.59 5.11 -18.48

LUTHERNY_35_KV_BK2 355980	138.52 6.57 -44.33	112.52 6.31 -20.97	113.70 5.97 -25.91	102.54 5.97 -14.75	103.91 5.99 -16.95	117.04 5.50 -38.26	121.30 6.17 -33.91	111.11 5.11 -34.09	113.24 5.77 -29.43	117.97 6.18 -30.49	100.34 5.39 -22.09	108.37 5.25 -28.05	105.52 4.91 -28.47	101.57 4.83 -24.58	105.32 5.06 -27.97	97.28 5.84 -10.30	107.89 6.26 -18.20	186.61 6.78 -91.76	210.22 6.78 -115.36	168.81 6.66 -74.54	127.23 6.76 -32.67	122.29 6.07 -35.25	122.89 5.78 -39.07	95.66 5.18 -18.48
LWR___OSWEGATCHIE_HYD 23850	87.99 -0.53 -0.90	85.16 -0.51 -0.42	81.69 -0.65 -0.52	81.54 -0.57 -0.30	80.83 -0.49 -0.34	73.40 -0.66 -0.77	80.77 -1.14 -0.69	71.89 -0.72 -0.69	77.69 -0.94 -0.60	80.78 -1.14 -0.62	72.65 -0.66 -0.45	74.88 -0.75 -0.57	72.15 -0.58 -0.58	72.00 -0.65 -0.50	72.06 -0.80 -0.57	80.78 -0.57 -0.21	83.21 -0.58 -0.37	87.77 -0.79 -0.49	88.43 -0.62 -0.97	87.15 -0.61 -0.15	86.94 -0.97 -0.10	80.47 -0.65 -0.15	77.58 -0.47 0.00	71.94 -0.43 -0.37
LYONS_FALL_HYD 23570	90.33 1.58 -1.13	87.23 1.45 -0.54	83.62 1.14 -0.66	83.42 1.23 -0.38	82.69 1.29 -0.43	75.36 1.10 -0.98	83.38 1.30 -0.87	74.01 1.22 -0.87	80.26 1.48 -0.75	83.46 1.38 -0.78	74.80 1.38 -0.56	77.21 1.42 -0.72	74.18 1.30 -0.73	74.08 1.30 -0.63	74.23 1.23 -0.71	83.11 1.71 -0.26	86.06 2.17 -0.46	91.07 2.38 -0.62	91.76 2.46 -1.23	89.99 2.19 -0.18	89.86 1.93 -0.13	82.62 1.46 -0.19	79.30 1.24 0.00	73.41 0.93 -0.47
MADISON___COUNTY_LFGE 323628	92.07 2.45 -2.00	88.41 2.22 -0.95	84.95 1.96 -1.17	84.53 2.05 -0.67	83.84 2.11 -0.77	76.92 1.91 -1.73	85.10 2.36 -1.53	75.47 2.01 -1.54	81.63 2.26 -1.33	85.04 2.36 -1.38	76.04 2.19 -1.00	78.51 2.18 -1.27	75.46 2.02 -1.29	75.28 2.02 -1.11	75.58 2.02 -1.26	84.12 2.52 -0.47	87.08 2.84 -0.82	92.25 3.08 -1.10	93.33 3.08 -2.17	90.66 2.72 -0.32	90.66 2.63 -0.23	83.33 2.02 -0.34	79.92 1.87 0.00	74.42 1.58 -0.84
MALONE___115KV_TB1 356076	86.83 -0.79 0.00	84.56 -0.68 0.00	81.41 -0.41 0.00	81.41 -0.41 0.00	80.56 -0.40 0.00	72.70 -0.59 0.00	79.92 -1.30 0.00	71.27 -0.65 0.00	76.78 -1.25 0.00	80.00 -1.30 0.00	71.84 -1.02 0.00	73.79 -1.28 0.00	71.21 -0.94 0.00	71.07 -1.08 0.00	70.99 -1.30 0.00	79.76 -1.38 0.00	81.76 -1.67 0.00	86.04 -2.03 0.00	86.31 -1.76 0.00	86.39 -1.23 0.00	86.48 -1.32 0.00	80.40 -0.57 0.00	77.66 -0.39 0.00	71.71 -0.29 0.00
MAPLEWOD_115KV_TB3 80458	135.19 4.29 -43.28	109.64 3.92 -20.47	110.80 3.68 -25.30	99.91 3.68 -14.41	101.16 3.64 -16.55	114.01 3.37 -37.35	118.14 3.82 -33.11	108.44 3.24 -33.29	110.44 3.67 -28.74	114.97 3.90 -29.77	97.92 3.50 -21.57	105.98 3.53 -27.38	103.27 3.32 -27.80	99.47 3.32 -24.00	103.00 3.40 -27.31	95.25 4.06 -10.06	105.29 4.09 -17.77	165.10 4.32 -72.72	188.15 4.32 -95.76	147.72 4.21 -55.90	117.09 4.30 -24.99	112.32 3.89 -27.46	110.31 3.90 -28.36	93.64 3.60 -18.04
MAPLE_RIDGE_WT_1 323574	85.16 -2.45 0.00	82.86 -2.39 0.00	79.61 -2.21 0.00	79.61 -2.21 0.00	78.79 -2.18 0.00	71.38 -1.91 0.00	79.03 -2.19 0.00	70.27 -1.65 0.00	76.08 -1.95 0.00	79.19 -2.11 0.00	70.96 -1.89 0.00	73.11 -1.95 0.00	70.35 -1.80 0.00	70.27 -1.88 0.00	70.34 -1.95 0.00	79.03 -2.11 0.00	81.26 -2.17 0.00	85.87 -2.20 0.00	86.14 -1.94 0.00	85.87 -1.75 0.00	85.87 -1.93 0.00	79.26 -1.70 0.00	76.33 -1.72 0.00	70.42 -1.58 0.00
MAPLE_RIDGE_WT_2 323611	85.16 -2.45 0.00	82.86 -2.39 0.00	79.61 -2.21 0.00	79.61 -2.21 0.00	78.79 -2.18 0.00	71.38 -1.91 0.00	79.03 -2.19 0.00	70.27 -1.65 0.00	76.08 -1.95 0.00	79.19 -2.11 0.00	70.96 -1.89 0.00	73.11 -1.95 0.00	70.35 -1.80 0.00	70.27 -1.88 0.00	70.34 -1.95 0.00	79.03 -2.11 0.00	81.26 -2.17 0.00	85.87 -2.20 0.00	86.14 -1.94 0.00	85.87 -1.75 0.00	85.87 -1.93 0.00	79.26 -1.70 0.00	76.33 -1.72 0.00	70.42 -1.58 0.00
MARBLE_RIVER_WT_PWR 323696	85.60 -2.01 0.00	83.37 -1.88 0.00	80.26 -1.56 0.00	80.18 -1.64 0.00	79.19 -1.78 0.00	71.53 -1.76 0.00	78.45 -2.76 0.00	69.83 -2.09 0.00	75.38 -2.65 0.00	78.38 -2.92 0.00	70.24 -2.62 0.00	72.21 -2.85 0.00	69.70 -2.45 0.00	69.56 -2.59 0.00	69.55 -2.75 0.00	78.22 -2.92 0.00	80.34 -3.09 0.00	84.63 -3.44 0.00	84.99 -3.09 0.00	85.07 -2.54 0.00	84.99 -2.81 0.00	78.95 -2.02 0.00	76.10 -1.95 0.00	70.42 -1.58 0.00
MARSHVLE_115KV_TB1 80742	142.87 5.52 -49.74	114.14 5.37 -23.53	115.88 4.99 -29.07	103.36 4.99 -16.55	105.00 5.02 -19.01	120.90 4.69 -42.92	124.71 5.44 -38.05	114.48 4.32 -38.25	115.89 4.84 -33.02	119.98 4.47 -34.21	101.21 3.57 -24.78	109.61 3.08 -31.47	106.69 2.60 -31.94	102.33 2.60 -27.58	106.71 3.04 -31.38	96.75 4.06 -11.56	109.02 5.17 -20.42	184.48 6.25 -90.16	211.07 6.34 -116.65	164.59 6.13 -70.84	125.28 6.06 -31.42	120.67 5.42 -34.28	119.39 4.92 -36.42	96.76 4.03 -20.73
MARSH_HILL_WT_PWR 323713	89.84 -4.99 -7.22	83.54 -5.11 -3.41	80.88 -5.15 -4.22	79.07 -5.15 -2.40	78.06 -5.67 -2.76	74.60 -4.91 -6.23	81.70 -5.04 -5.52	71.86 -5.61 -5.55	92.84 -6.40 -21.20	110.25 -5.77 -34.72	92.87 -5.17 -25.18	99.00 -6.31 -30.23	79.74 -6.86 -14.44	78.80 -6.86 -13.51	95.55 -6.22 -29.47	74.29 -6.49 0.35	76.85 -5.92 0.66	96.33 -5.46 -13.73	93.48 -5.28 -10.68	87.58 -4.65 -4.61	85.60 -4.47 -2.28	78.54 -5.10 -2.67	75.33 -4.76 -2.05	70.83 -4.18 -3.01
MCINTYRE_115KV_TB2 80467	87.79 0.18 0.00	85.67 0.43 0.00	82.14 0.33 0.00	82.31 0.49 0.00	81.45 0.49 0.00	73.51 0.22 0.00	80.81 -0.41 0.00	72.13 0.22 0.00	77.80 -0.23 0.00	80.73 -0.57 0.00	72.64 -0.22 0.00	74.77 -0.30 0.00	72.15 0.00 0.00	72.15 0.00 0.00	72.00 -0.29 0.00	81.05 -0.08 0.00	83.26 -0.17 0.00	87.54 -0.53 0.00	87.64 -0.44 0.00	87.53 -0.09 0.00	87.45 -0.35 0.00	81.21 0.24 0.00	78.60 0.55 0.00	72.50 0.50 0.00
MECO_____69_KV_BK1 80468	143.47 7.97 -47.88	115.65 7.76 -22.65	117.00 7.20 -27.99	105.03 7.28 -15.94	106.48 7.21 -18.30	121.35 6.74 -41.32	125.48 7.63 -36.63	114.92 6.19 -36.82	116.61 6.79 -31.79	120.98 6.75 -32.93	102.47 5.76 -23.86	110.69 5.33 -30.29	107.66 4.76 -30.75	103.46 4.76 -26.55	107.70 5.21 -30.20	98.75 6.49 -11.12	110.68 7.59 -19.66	190.06 8.63 -93.36	215.65 8.72 -118.86	170.88 8.50 -74.76	129.34 8.60 -32.94	124.29 7.61 -35.71	123.94 7.02 -38.87	98.00 6.05 -19.95
MENANDS___115KV_TB5 355628	134.66 3.86 -43.19	109.17 3.49 -20.43	110.34 3.27 -25.25	99.47 3.27 -14.38	100.72 3.24 -16.51	113.57 3.00 -37.27	117.67 3.41 -33.04	108.01 2.88 -33.21	109.98 3.28 -28.68	114.50 3.50 -29.70	97.51 3.13 -21.52	105.55 3.15 -27.33	102.92 3.03 -27.74	99.13 3.03 -23.95	102.65 3.11 -27.25	94.82 3.65 -10.04	104.83 3.67 -17.74	162.90 3.79 -71.05	185.91 3.79 -94.05	145.57 3.68 -54.27	115.90 3.78 -24.32	111.15 3.40 -26.78	109.06 3.59 -27.42	93.31 3.31 -18.00
MG INDUSTRY___DRP 24185	133.49 3.59 -42.28	108.56 3.32 -20.00	109.72 3.19 -24.71	99.08 3.19 -14.07	100.29 3.16 -16.16	112.70 2.93 -36.48	116.72 3.17 -32.34	107.02 2.59 -32.51	108.99 2.89 -28.07	113.39 3.01 -29.07	96.55 2.62 -21.07	104.44 2.63 -26.75	101.82 2.53 -27.15	98.12 2.53 -23.45	101.57 2.60 -26.67	94.04 3.08 -9.82	103.96 3.17 -17.36	147.42 3.35 -56.01	169.94 3.35 -78.52	130.44 3.24 -39.58	109.40 3.34 -18.27	104.68 3.08 -20.63	100.16 3.12 -18.99	92.57 2.95 -17.62

MID___OSWEGATCHIE_HYD 23849	87.99 -0.53 -0.90	85.16 -0.51 -0.42	81.69 -0.65 -0.52	81.54 -0.57 -0.30	80.83 -0.49 -0.34	73.40 -0.66 -0.77	80.77 -1.14 -0.69	71.89 -0.72 -0.69	77.69 -0.94 -0.60	80.78 -1.14 -0.62	72.65 -0.66 -0.45	74.88 -0.75 -0.57	72.15 -0.58 -0.58	72.00 -0.65 -0.50	72.06 -0.80 -0.57	80.78 -0.57 -0.21	83.21 -0.58 -0.37	87.77 -0.79 -0.49	88.43 -0.62 -0.97	87.15 -0.61 -0.15	86.94 -0.97 -0.10	80.47 -0.65 -0.15	77.58 -0.47 0.00	71.94 -0.43 -0.37
MID___RAQUETTE_HYD 23851	86.39 -1.23 0.00	84.22 -1.02 0.00	80.92 -0.90 0.00	81.00 -0.82 0.00	80.16 -0.81 0.00	72.19 -1.10 0.00	79.19 -2.03 0.00	70.62 -1.29 0.00	76.16 -1.87 0.00	79.19 -2.11 0.00	71.47 -1.38 0.00	73.57 -1.50 0.00	71.00 -1.15 0.00	70.92 -1.23 0.00	70.85 -1.45 0.00	79.59 -1.54 0.00	81.34 -2.09 0.00	85.34 -2.73 0.00	85.52 -2.55 0.00	85.43 -2.19 0.00	85.34 -2.46 0.00	79.51 -1.46 0.00	77.19 -0.86 0.00	71.42 -0.58 0.00
MILLIKEN___1 23584	95.89 1.23 -7.05	89.43 0.85 -3.33	86.67 0.74 -4.12	84.90 0.74 -2.35	84.31 0.65 -2.69	80.03 0.66 -6.08	87.74 1.14 -5.39	78.13 0.79 -5.42	84.78 0.86 -5.89	89.40 1.06 -7.04	78.76 0.80 -5.10	82.17 0.75 -6.35	81.99 0.43 -9.40	80.44 0.51 -7.78	79.30 0.65 -6.35	86.24 0.89 -4.21	92.17 1.25 -7.49	100.27 1.67 -10.53	101.81 1.67 -12.06	93.64 1.31 -4.71	91.48 1.40 -2.28	84.37 0.73 -2.67	80.84 0.70 -2.08	75.59 0.65 -2.94
MILLIKEN___2 23585	95.89 1.23 -7.05	89.43 0.85 -3.33	86.67 0.74 -4.12	84.90 0.74 -2.35	84.31 0.65 -2.69	80.03 0.66 -6.08	87.74 1.14 -5.39	78.13 0.79 -5.42	84.78 0.86 -5.89	89.40 1.06 -7.04	78.76 0.80 -5.10	82.17 0.75 -6.35	81.99 0.43 -9.40	80.44 0.51 -7.78	79.30 0.65 -6.35	86.24 0.89 -4.21	92.17 1.25 -7.49	100.27 1.67 -10.53	101.81 1.67 -12.06	93.64 1.31 -4.71	91.48 1.40 -2.28	84.37 0.73 -2.67	80.84 0.70 -2.08	75.59 0.65 -2.94
MILLIKEN___DIESEL 23629	95.89 1.23 -7.05	89.43 0.85 -3.33	86.67 0.74 -4.12	84.90 0.74 -2.35	84.31 0.65 -2.69	80.03 0.66 -6.08	87.74 1.14 -5.39	78.13 0.79 -5.42	84.78 0.86 -5.89	89.40 1.06 -7.04	78.76 0.80 -5.10	82.17 0.75 -6.35	81.99 0.43 -9.40	80.44 0.51 -7.78	79.30 0.65 -6.35	86.24 0.89 -4.21	92.17 1.25 -7.49	100.27 1.67 -10.53	101.81 1.67 -12.06	93.64 1.31 -4.71	91.48 1.40 -2.28	84.37 0.73 -2.67	80.84 0.70 -2.08	75.59 0.65 -2.94
MILLSEAT___LFGE 323607	86.63 -6.04 -5.06	81.42 -6.22 -2.39	78.81 -5.97 -2.96	77.61 -5.89 -1.68	77.07 -5.83 -1.93	72.45 -5.20 -4.37	79.56 -5.53 -3.87	69.27 -6.54 -3.89	72.01 -6.32 -0.29	73.01 -6.34 1.95	65.39 -6.05 1.42	67.47 -6.01 1.59	65.46 -6.57 0.13	65.46 -6.57 0.19	64.73 -6.07 1.49	74.10 -7.54 -0.50	76.55 -7.76 -0.88	83.20 -7.75 -2.88	88.13 -7.58 -7.63	82.45 -8.24 -3.08	81.89 -7.46 -1.55	75.35 -7.45 -1.83	72.64 -6.79 -1.38	68.86 -5.25 -2.11
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	128.28 5.70 -34.97	107.15 5.37 -16.54	107.25 4.99 -20.44	98.36 4.91 -11.64	99.19 4.86 -13.37	107.86 4.40 -30.18	113.00 5.04 -26.75	103.27 4.46 -26.89	106.55 5.31 -23.21	111.04 5.69 -24.05	95.45 5.17 -17.42	102.37 5.18 -22.12	99.58 4.98 -22.46	96.52 4.98 -19.39	99.20 4.84 -22.06	94.94 5.68 -8.12	103.46 5.67 -14.36	129.01 5.99 -34.96	147.73 6.08 -53.58	114.95 5.96 -21.37	104.32 6.06 -10.46	98.85 5.51 -12.38	92.24 5.07 -9.12	91.04 4.46 -14.57
MILLWOOD_13_KV_LOAD 356217	128.45 5.87 -34.97	107.32 5.54 -16.54	107.41 5.15 -20.44	98.53 5.07 -11.64	99.36 5.02 -13.37	108.01 4.54 -30.18	113.16 5.20 -26.75	103.41 4.60 -26.89	106.71 5.46 -23.21	111.12 5.77 -24.05	95.60 5.32 -17.42	102.52 5.33 -22.12	99.73 5.12 -22.46	96.66 5.12 -19.39	99.34 4.99 -22.06	95.10 5.84 -8.12	103.62 5.84 -14.36	129.28 6.25 -34.96	147.91 6.25 -53.58	115.21 6.22 -21.37	104.49 6.23 -10.46	99.01 5.67 -12.38	92.40 5.23 -9.12	91.18 4.61 -14.57
MODEL_CITY_ENERGY 24167	84.09 -8.85 -5.32	78.98 -8.78 -2.52	76.50 -8.43 -3.11	75.24 -8.35 -1.77	74.66 -8.34 -2.03	70.48 -7.40 -4.59	77.25 -8.04 -4.07	66.95 -9.06 -4.09	69.09 -8.66 0.28	69.67 -8.62 3.01	62.51 -8.16 2.19	64.21 -8.26 2.60	62.82 -8.73 0.60	62.90 -8.59 0.66	61.73 -8.10 2.47	71.17 -10.47 -0.50	73.37 -10.93 -0.87	79.13 -11.63 -2.69	84.75 -11.36 -8.03	79.26 -11.57 -3.21	78.55 -10.89 -1.64	72.86 -10.04 -1.93	70.06 -9.45 -1.46	66.73 -7.49 -2.22
MODERN_LFGE___ 323580	84.09 -8.85 -5.32	78.98 -8.78 -2.52	76.50 -8.43 -3.11	75.24 -8.35 -1.77	74.66 -8.34 -2.03	70.48 -7.40 -4.59	77.25 -8.04 -4.07	66.95 -9.06 -4.09	69.09 -8.66 0.28	69.67 -8.62 3.01	62.51 -8.16 2.19	64.21 -8.26 2.60	62.82 -8.73 0.60	62.90 -8.59 0.66	61.73 -8.10 2.47	71.17 -10.47 -0.50	73.37 -10.93 -0.87	79.13 -11.63 -2.69	84.75 -11.36 -8.03	79.26 -11.57 -3.21	78.55 -10.89 -1.64	72.86 -10.04 -1.93	70.06 -9.45 -1.46	66.73 -7.49 -2.22
MOHAWK_PAPER___DRP 24187	135.19 4.29 -43.28	109.64 3.92 -20.47	110.80 3.68 -25.30	99.91 3.68 -14.41	101.16 3.64 -16.55	114.01 3.37 -37.35	118.14 3.82 -33.11	108.44 3.24 -33.29	110.44 3.67 -28.74	114.97 3.90 -29.77	97.92 3.50 -21.57	105.98 3.53 -27.38	103.27 3.32 -27.80	99.47 3.32 -24.00	103.00 3.40 -27.31	95.25 4.06 -10.06	105.29 4.09 -17.77	165.10 4.32 -72.72	188.15 4.32 -95.76	147.72 4.21 -55.90	117.09 4.30 -24.99	112.32 3.89 -27.46	110.31 3.90 -28.36	93.64 3.60 -18.04
MOHICAN___35_KV_115KV_LD 80490	140.02 8.06 -44.35	114.06 7.84 -20.98	115.10 7.36 -25.92	104.02 7.45 -14.76	105.29 7.37 -16.95	118.37 6.82 -38.27	122.86 7.72 -33.92	112.35 6.33 -34.10	114.73 7.26 -29.44	119.53 7.72 -30.50	101.73 6.78 -22.10	109.50 6.38 -28.06	106.54 5.92 -28.48	102.66 5.92 -24.59	106.34 6.07 -27.98	98.58 7.14 -10.30	109.31 7.68 -18.21	188.47 8.45 -91.95	212.18 8.54 -115.56	170.75 8.41 -74.72	128.97 8.43 -32.74	123.91 7.61 -35.33	124.40 7.18 -39.17	96.89 6.41 -18.48
MONGAUP___HYD 23641	125.46 5.69 -32.15	105.91 5.46 -15.21	105.60 4.99 -18.79	97.51 4.99 -10.70	98.20 4.94 -12.29	105.43 4.40 -27.74	110.84 5.04 -24.59	100.88 4.24 -24.72	104.29 4.92 -21.34	108.45 5.04 -22.11	93.32 4.44 -16.02	99.83 4.43 -20.34	97.05 4.26 -20.64	94.16 4.18 -17.83	96.76 4.19 -20.28	93.72 5.11 -7.47	102.13 5.50 -13.20	126.17 5.99 -32.12	143.48 6.16 -49.24	113.28 6.04 -19.63	103.38 5.97 -9.61	97.60 5.26 -11.37	91.18 4.76 -8.37	89.65 4.25 -13.40
MONTAUK___DIESEL 23721	144.80 8.50 -48.69	138.05 8.01 -44.79	128.92 7.45 -39.65	121.08 7.36 -31.90	121.16 7.29 -32.90	116.40 6.45 -36.67	136.14 7.72 -47.21	141.22 6.98 -62.33	147.70 8.12 -61.55	147.35 8.70 -57.35	137.09 7.29 -56.94	126.74 7.58 -44.10	119.65 7.14 -40.36	119.35 7.14 -40.06	101.96 7.08 -22.58	133.30 8.19 -43.97	149.73 8.43 -57.88	176.52 9.42 -79.03	177.95 8.37 -81.51	155.52 7.97 -59.93	146.50 7.90 -50.80	135.60 6.96 -47.66	117.84 6.56 -33.24	94.20 6.55 -15.65
MOONROAD_115KV_HARTFLD_TB1-2 355988	86.78 -6.92 -6.08	80.70 -7.42 -2.88	78.09 -7.28 -3.56	76.64 -7.20 -2.02	76.01 -7.29 -2.33	72.23 -6.30 -5.25	79.45 -6.42 -4.65	69.26 -7.34 -4.68	70.40 -7.80 -0.17	72.18 -6.34 2.78	65.23 -5.61 2.02	66.11 -6.76 2.20	64.51 -7.07 0.57	64.69 -6.93 0.53	63.28 -6.94 2.07	73.89 -7.71 -0.46	76.38 -7.84 -0.80	83.42 -7.93 -3.27	89.34 -7.93 -9.19	83.02 -8.32 -3.73	82.40 -7.29 -1.89	74.78 -8.42 -2.23	72.95 -6.79 -1.69	68.78 -5.76 -2.54

MORRIS_RIDGE___SOLAR 323848	88.38 -6.22 -6.98	82.24 -6.31 -3.30	79.76 -6.14 -4.08	78.00 -6.14 -2.32	77.40 -6.23 -2.67	73.74 -5.57 -6.02	80.71 -5.85 -5.34	70.88 -6.40 -5.37	51.96 -7.02 19.05	36.54 -6.67 38.10	39.17 -6.05 27.64	35.68 -6.76 32.63	48.93 -7.07 16.16	50.34 -7.00 14.81	33.90 -6.72 31.67	74.04 -7.38 -0.29	76.73 -7.18 -0.48	74.90 -7.13 6.04	91.63 -6.96 -10.51	85.53 -6.48 -4.40	83.40 -6.59 -2.19	76.82 -6.72 -2.57	73.85 -6.17 -1.97	69.66 -5.25 -2.91
MORTIMER_115KV_TB3 55949	88.68 -3.24 -4.30	83.61 -3.67 -2.03	80.81 -3.52 -2.51	79.73 -3.52 -1.43	79.21 -3.40 -1.64	73.92 -3.08 -3.71	81.34 -3.17 -3.29	71.42 -3.81 -3.31	76.75 -4.14 -2.86	79.72 -4.55 -2.97	70.64 -4.37 -2.15	73.73 -4.05 -2.72	69.71 -4.47 -2.03	69.57 -4.40 -1.83	71.02 -3.98 -2.70	77.35 -4.30 -0.52	80.00 -4.34 -0.91	85.67 -4.32 -1.92	88.53 -4.05 -4.50	83.51 -4.82 -0.71	83.90 -4.39 -0.50	77.08 -4.62 -0.73	73.91 -4.14 0.00	70.70 -3.10 -1.79
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	129.28 6.48 -35.18	107.94 6.05 -16.64	107.94 5.56 -20.56	99.09 5.56 -11.71	99.92 5.51 -13.45	108.48 4.84 -30.36	113.81 5.69 -26.91	104.08 5.11 -27.05	107.40 6.01 -23.36	112.00 6.50 -24.19	96.30 5.90 -17.55	103.35 6.01 -22.27	100.44 5.70 -22.59	97.36 5.70 -19.51	100.05 5.57 -22.19	95.82 6.49 -8.19	104.30 6.42 -14.45	129.93 6.69 -35.17	148.76 6.78 -53.90	115.77 6.66 -21.50	105.08 6.76 -10.52	99.66 6.23 -12.45	93.08 5.85 -9.17	91.77 5.11 -14.66
MUNSVILLE_WIND_PWR 323609	105.23 6.75 -10.87	96.78 6.40 -5.14	93.81 5.64 -6.35	91.00 5.57 -3.62	90.70 5.58 -4.15	87.79 5.13 -9.38	95.62 6.09 -8.31	85.60 5.32 -8.36	91.96 5.86 -8.07	96.02 5.69 -9.02	84.35 4.96 -6.54	88.23 4.95 -8.21	86.25 4.47 -9.63	84.63 4.33 -8.15	84.75 4.26 -8.19	90.31 5.35 -3.82	97.04 6.84 -6.78	110.78 7.84 -14.88	115.70 8.19 -19.44	104.31 7.71 -8.98	99.22 7.20 -4.22	91.54 5.75 -4.82	87.40 5.15 -4.20	80.92 4.39 -4.53
N SALMON___HYD 24042	86.91 -0.70 0.00	84.56 -0.68 0.00	81.41 -0.41 0.00	81.41 -0.41 0.00	80.57 -0.40 0.00	72.70 -0.59 0.00	79.91 -1.30 0.00	71.20 -0.72 0.00	76.78 -1.25 0.00	80.00 -1.30 0.00	71.84 -1.02 0.00	73.79 -1.28 0.00	71.21 -0.94 0.00	71.07 -1.08 0.00	70.99 -1.30 0.00	79.83 -1.30 0.00	81.84 -1.59 0.00	85.95 -2.11 0.00	86.32 -1.76 0.00	86.48 -1.14 0.00	86.48 -1.31 0.00	80.49 -0.48 0.00	77.66 -0.39 0.00	71.71 -0.29 0.00
N.AKRON__115KV_KNAPP 355671	86.84 -5.87 -5.09	81.26 -6.39 -2.41	78.66 -6.14 -2.98	77.38 -6.14 -1.70	76.92 -5.99 -1.95	72.33 -5.35 -4.40	79.43 -5.69 -3.90	69.08 -6.76 -3.92	71.67 -6.55 -0.20	72.66 -6.50 2.14	65.11 -6.19 1.56	67.08 -6.23 1.76	65.15 -6.78 0.21	65.17 -6.71 0.27	64.42 -6.22 1.65	73.93 -7.71 -0.50	76.38 -7.93 -0.88	83.08 -7.84 -2.85	87.84 -7.93 -7.69	82.04 -8.67 -3.09	81.64 -7.73 -1.57	74.56 -8.26 -1.85	72.49 -6.95 -1.39	68.72 -5.40 -2.12
N.BELMOR_69_KV_BK1 55787	143.84 7.54 -48.69	137.20 7.16 -44.79	128.10 6.63 -39.65	120.35 6.63 -31.90	120.43 6.56 -32.90	115.82 5.86 -36.67	135.17 6.74 -47.21	140.21 5.97 -62.33	146.53 6.94 -61.55	146.05 7.40 -57.35	136.58 6.78 -56.94	125.99 6.83 -44.10	119.00 6.49 -40.36	118.77 6.57 -40.06	101.31 6.43 -22.58	132.57 7.46 -43.97	148.81 7.51 -57.88	174.93 7.84 -79.03	177.51 7.93 -81.51	155.52 7.97 -59.93	146.58 7.99 -50.80	135.92 7.29 -47.66	118.08 6.79 -33.24	93.63 5.98 -15.65
N.E_GEN_SANDY PD 24062	132.56 5.43 -39.51	123.09 5.20 -32.65	120.58 4.91 -33.85	119.92 4.91 -33.19	123.09 4.86 -37.26	125.00 4.40 -47.32	137.00 5.04 -50.75	145.93 4.31 -69.70	137.24 5.00 -54.21	128.91 5.36 -42.24	125.00 4.81 -47.34	120.74 4.88 -40.80	117.65 4.69 -40.81	114.13 4.69 -37.29	122.45 4.63 -45.53	132.00 5.27 -45.59	150.85 5.42 -62.01	160.81 5.72 -67.02	162.37 5.72 -68.57	153.62 5.69 -60.31	146.13 5.70 -52.63	132.63 5.19 -46.48	120.71 4.92 -37.74	115.00 4.39 -38.61
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	126.80 5.26 -33.93	106.23 4.94 -16.05	106.23 4.58 -19.83	97.61 4.50 -11.29	98.39 4.45 -12.97	106.52 3.96 -29.28	111.80 4.63 -25.95	102.11 4.10 -26.09	105.39 4.84 -22.52	109.84 5.20 -23.33	94.57 4.81 -16.91	101.34 4.80 -21.47	98.48 4.55 -21.79	95.58 4.62 -18.82	98.18 4.48 -21.40	94.21 5.19 -7.88	102.61 5.26 -13.93	127.52 5.55 -33.90	145.68 5.64 -51.97	113.86 5.52 -20.72	103.56 5.62 -10.15	98.07 5.10 -12.00	91.57 4.68 -8.84	90.24 4.10 -14.14
N.QUEENS_27_KV_LOAD 356247	129.98 7.18 -35.18	108.36 6.48 -16.64	108.35 5.97 -20.56	99.42 5.89 -11.71	100.16 5.75 -13.45	108.33 4.69 -30.36	113.65 5.52 -26.91	104.08 5.11 -27.05	107.47 6.09 -23.35	111.92 6.42 -24.19	96.30 5.90 -17.54	103.27 5.93 -22.27	100.30 5.56 -22.59	97.29 5.63 -19.51	99.98 5.49 -22.19	95.98 6.65 -8.19	104.46 6.59 -14.45	129.84 6.60 -35.17	148.67 6.69 -53.90	115.77 6.66 -21.50	105.08 6.76 -10.52	100.06 6.64 -12.45	93.31 6.09 -9.17	92.21 5.54 -14.66
N.TROY___115KV_TB1 355778	136.41 5.26 -43.54	110.86 5.03 -20.59	112.01 4.75 -25.45	101.05 4.75 -14.49	102.31 4.70 -16.64	115.11 4.25 -37.57	119.31 4.79 -33.30	109.50 4.10 -33.48	111.62 4.68 -28.90	116.20 4.96 -29.94	98.99 4.44 -21.69	107.04 4.43 -27.54	104.29 4.18 -27.96	100.48 4.18 -24.14	103.95 4.19 -27.46	96.12 4.87 -10.12	106.39 5.09 -17.88	175.33 5.46 -81.80	198.52 5.46 -104.98	157.85 5.34 -64.89	121.92 5.44 -28.68	117.02 4.86 -31.19	116.28 4.68 -33.55	94.39 4.25 -18.14
NARROWS_GT1_1 24228	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
NARROWS_GT1_2 24229	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
NARROWS_GT1_3 24230	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
NARROWS_GT1_4 24231	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78

NARROWS_GT1_5 24232	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
NARROWS_GT1_6 24233	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
NARROWS_GT1_7 24234	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
NARROWS_GT1_8 24235	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
NARROWS_GT2_1 24236	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
NARROWS_GT2_2 24237	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
NARROWS_GT2_3 24238	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
NARROWS_GT2_4 24239	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
NARROWS_GT2_5 24240	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
NARROWS_GT2_6 24241	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
NARROWS_GT2_7 24242	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
NARROWS_GT2_8 24243	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	133.33 4.73 -40.98	109.06 4.43 -19.38	109.95 4.17 -23.95	99.63 4.17 -13.64	100.76 4.13 -15.67	112.46 3.81 -35.37	116.87 4.30 -31.35	106.67 3.24 -31.51	108.91 3.67 -27.21	113.15 3.66 -28.18	96.41 3.13 -20.42	103.92 2.93 -25.93	101.28 2.81 -26.32	97.62 2.74 -22.73	101.11 2.96 -25.85	94.55 3.89 -9.52	104.43 4.17 -16.83	146.92 4.58 -54.28	168.75 4.58 -76.10	130.35 4.38 -38.35	109.89 4.39 -17.70	104.77 3.81 -19.99	100.28 3.82 -18.40	92.90 3.82 -17.08
NCHELSEA_115KV_TR2 355582	129.06 6.22 -35.22	107.87 5.97 -16.66	107.97 5.56 -20.59	99.10 5.56 -11.72	99.94 5.51 -13.46	108.59 4.91 -30.40	113.76 5.60 -26.94	103.82 4.82 -27.09	107.11 5.70 -23.38	111.54 6.02 -24.22	95.87 5.46 -17.55	102.91 5.55 -22.28	100.04 5.27 -22.62	96.95 5.27 -19.53	99.65 5.13 -22.22	95.32 6.00 -8.18	104.06 6.17 -14.46	130.14 6.69 -35.38	148.91 6.69 -54.14	115.88 6.57 -21.70	104.99 6.58 -10.61	99.42 5.91 -12.54	92.80 5.46 -9.28	91.50 4.82 -14.68
NEG CAPITAL___MECHNVIL 23645	138.28 6.57 -44.08	112.49 6.40 -20.85	113.64 6.05 -25.77	102.54 6.05 -14.67	103.81 5.99 -16.85	116.83 5.50 -38.04	121.11 6.17 -33.72	110.93 5.11 -33.90	113.16 5.86 -29.27	117.88 6.26 -30.32	100.36 5.53 -21.97	108.37 5.41 -27.89	105.51 5.05 -28.31	101.65 5.05 -24.45	105.31 5.21 -27.81	97.38 6.00 -10.24	107.87 6.34 -18.10	184.06 6.96 -89.03	207.54 6.96 -112.51	166.44 6.92 -71.91	126.31 6.93 -31.58	121.35 6.24 -34.14	121.47 5.86 -37.57	95.63 5.25 -18.37

NEG CENTRAL_HIGH_ACRES 23767	87.57 -4.20 -4.16	82.86 -4.34 -1.97	80.08 -4.17 -2.43	79.03 -4.17 -1.38	78.43 -4.13 -1.59	73.14 -3.73 -3.59	80.58 -3.82 -3.18	70.94 -4.17 -3.20	76.26 -4.53 -2.76	79.29 -4.88 -2.86	70.26 -4.66 -2.07	73.27 -4.43 -2.63	69.60 -4.69 -2.14	69.36 -4.69 -1.90	70.64 -4.27 -2.61	77.04 -4.71 -0.62	79.84 -4.67 -1.08	85.55 -4.49 -1.97	88.06 -4.40 -4.39	82.52 -5.79 -0.69	83.45 -4.83 -0.48	76.32 -5.35 -0.70	73.45 -4.61 0.00	69.99 -3.75 -1.73
NEG CENTRAL___DRP 24199	91.13 -1.05 -4.57	85.95 -1.45 -2.16	83.02 -1.47 -2.67	81.87 -1.47 -1.52	81.26 -1.46 -1.75	75.91 -1.32 -3.94	83.66 -1.06 -3.50	74.07 -1.37 -3.51	81.16 -1.48 -4.61	85.84 -1.46 -6.00	75.90 -1.31 -4.35	78.92 -1.50 -5.36	73.68 -1.80 -3.34	73.45 -1.73 -3.04	76.04 -1.52 -5.27	80.19 -1.46 -0.51	83.07 -1.25 -0.90	91.92 -1.06 -4.91	94.01 -0.97 -6.90	89.17 -1.31 -2.87	88.06 -1.14 -1.40	81.00 -1.62 -1.65	77.80 -1.48 -1.24	72.68 -1.22 -1.90
NEG CENTRAL___INDECK 23768	92.27 -1.41 -6.05	86.23 -1.88 -2.86	83.56 -1.80 -3.54	82.03 -1.80 -2.02	81.50 -1.78 -2.31	76.83 -1.68 -5.22	84.54 -1.30 -4.63	74.42 -2.16 -4.66	96.49 -2.42 -20.88	113.43 -2.60 -34.73	95.28 -2.77 -25.19	102.41 -2.85 -30.20	83.98 -3.46 -15.29	82.83 -3.46 -14.14	98.77 -2.97 -29.44	78.49 -2.84 -0.19	81.50 -2.25 -0.32	100.25 -1.32 -13.50	96.09 -1.05 -9.07	89.35 -2.10 -3.84	88.28 -1.41 -1.89	80.68 -2.51 -2.22	77.71 -2.03 -1.69	73.08 -1.44 -2.52
NEG CENTRAL___SENECA 23627	91.64 -1.05 -5.07	86.11 -1.53 -2.40	83.23 -1.55 -2.97	81.87 -1.64 -1.69	81.29 -1.62 -1.94	76.27 -1.39 -4.38	84.04 -1.06 -3.88	74.31 -1.51 -3.90	82.20 -1.72 -5.89	87.57 -1.79 -8.05	77.17 -1.53 -5.84	80.49 -1.73 -7.15	73.64 -2.16 -3.65	73.48 -2.09 -3.42	77.49 -1.81 -7.01	79.49 -1.78 -0.14	82.15 -1.50 -0.23	92.20 -1.32 -5.45	94.39 -1.23 -7.55	89.25 -1.58 -3.21	88.13 -1.23 -1.57	80.87 -1.94 -1.84	77.72 -1.72 -1.39	72.75 -1.37 -2.11
NEG CENTRAL___STATE_STREET 24147	91.72 -0.35 -4.46	86.67 -0.68 -2.11	83.69 -0.74 -2.61	82.56 -0.74 -1.48	81.94 -0.73 -1.70	76.47 -0.66 -3.85	84.30 -0.32 -3.41	74.84 -0.50 -3.43	80.45 -0.55 -2.96	83.96 -0.41 -3.07	74.64 -0.44 -2.22	77.36 -0.53 -2.82	74.75 -0.72 -3.33	74.33 -0.65 -2.83	74.61 -0.51 -2.82	82.07 -0.41 -1.34	85.55 -0.25 -2.37	92.99 0.09 -4.84	95.18 0.09 -7.02	90.08 -0.35 -2.81	88.99 -0.18 -1.37	81.93 -0.65 -1.61	78.56 -0.70 -1.21	73.21 -0.65 -1.86
NEG MILLWOOD___DRP 24198	129.91 6.75 -35.55	108.62 6.56 -16.82	108.65 6.05 -20.78	99.62 5.97 -11.83	100.47 5.91 -13.59	109.39 5.42 -30.68	114.58 6.17 -27.19	104.58 5.32 -27.34	107.88 6.24 -23.60	112.34 6.59 -24.45	96.62 6.05 -17.71	103.64 6.08 -22.49	100.75 5.77 -22.83	97.64 5.77 -19.71	100.36 5.64 -22.43	96.05 6.65 -8.26	104.78 6.76 -14.60	131.10 7.40 -35.64	149.96 7.31 -54.57	116.71 7.27 -21.82	105.76 7.29 -10.68	100.07 6.48 -12.62	93.31 5.93 -9.33	92.07 5.26 -14.82
NEG NORTH_FLCN_SEA 23793	86.48 -1.14 0.00	84.30 -0.94 0.00	81.16 -0.65 0.00	81.16 -0.65 0.00	80.16 -0.81 0.00	72.33 -0.95 0.00	78.94 -2.27 0.00	70.26 -1.65 0.00	75.69 -2.34 0.00	78.78 -2.52 0.00	70.53 -2.33 0.00	72.51 -2.55 0.00	69.99 -2.16 0.00	69.84 -2.31 0.00	69.83 -2.46 0.00	78.54 -2.60 0.00	80.59 -2.84 0.00	84.98 -3.08 0.00	85.35 -2.73 0.00	85.51 -2.10 0.00	85.52 -2.28 0.00	79.43 -1.54 0.00	76.65 -1.40 0.00	71.28 -0.72 0.00
NEG NORTH_KES_CHATEGAY 23792	85.51 -2.10 0.00	83.45 -1.79 0.00	80.26 -1.55 0.00	80.26 -1.55 0.00	79.27 -1.70 0.00	71.60 -1.69 0.00	78.62 -2.60 0.00	70.05 -1.87 0.00	75.54 -2.50 0.00	78.62 -2.68 0.00	70.38 -2.48 0.00	72.36 -2.70 0.00	69.91 -2.24 0.00	69.77 -2.38 0.00	69.76 -2.53 0.00	78.46 -2.68 0.00	80.51 -2.92 0.00	84.90 -3.17 0.00	85.17 -2.91 0.00	85.25 -2.37 0.00	85.25 -2.55 0.00	79.19 -1.78 0.00	76.33 -1.72 0.00	70.56 -1.44 0.00
NEG NORTH___ALICE_FALLS 23915	86.74 -0.88 0.00	84.56 -0.68 0.00	81.41 -0.41 0.00	81.41 -0.41 0.00	80.40 -0.57 0.00	72.63 -0.66 0.00	79.43 -1.79 0.00	70.77 -1.15 0.00	76.32 -1.72 0.00	79.43 -1.87 0.00	71.11 -1.75 0.00	73.12 -1.95 0.00	70.56 -1.59 0.00	70.42 -1.73 0.00	70.41 -1.88 0.00	79.11 -2.03 0.00	81.17 -2.25 0.00	85.60 -2.47 0.00	86.05 -2.03 0.00	86.13 -1.49 0.00	86.13 -1.67 0.00	80.08 -0.89 0.00	77.19 -0.86 0.00	71.57 -0.43 0.00
NEG NORTH___LWR_SARANAC 23913	86.74 -0.88 0.00	84.56 -0.68 0.00	81.41 -0.41 0.00	81.41 -0.41 0.00	80.40 -0.57 0.00	72.63 -0.66 0.00	79.43 -1.79 0.00	70.77 -1.15 0.00	76.32 -1.72 0.00	79.43 -1.87 0.00	71.11 -1.75 0.00	73.12 -1.95 0.00	70.56 -1.59 0.00	70.42 -1.73 0.00	70.41 -1.88 0.00	79.11 -2.03 0.00	81.17 -2.25 0.00	85.60 -2.47 0.00	86.05 -2.03 0.00	86.13 -1.49 0.00	86.13 -1.67 0.00	80.08 -0.89 0.00	77.19 -0.86 0.00	71.57 -0.43 0.00
NEG NORTH___PLATTSBURG 23628	86.83 -0.79 0.00	84.56 -0.68 0.00	81.41 -0.41 0.00	81.41 -0.41 0.00	80.41 -0.56 0.00	72.63 -0.66 0.00	79.43 -1.79 0.00	70.77 -1.15 0.00	76.24 -1.79 0.00	79.44 -1.87 0.00	71.11 -1.75 0.00	73.11 -1.95 0.00	70.56 -1.59 0.00	70.42 -1.73 0.00	70.41 -1.88 0.00	79.19 -1.95 0.00	81.26 -2.17 0.00	85.60 -2.47 0.00	86.05 -2.02 0.00	86.13 -1.49 0.00	86.13 -1.67 0.00	80.08 -0.89 0.00	77.19 -0.86 0.00	71.57 -0.43 0.00
NEG WEST_LEA_LOCKPORT 23791	84.82 -8.06 -5.26	79.38 -8.35 -2.49	76.79 -8.10 -3.07	75.55 -8.02 -1.75	74.96 -8.02 -2.01	70.72 -7.11 -4.54	77.61 -7.63 -4.02	67.26 -8.70 -4.04	68.90 -8.74 0.40	69.38 -8.62 3.30	62.44 -8.01 2.40	64.06 -8.26 2.75	62.76 -8.66 0.73	62.83 -8.59 0.74	61.51 -8.17 2.62	71.73 -9.90 -0.50	73.95 -10.34 -0.87	79.93 -10.74 -2.61	85.27 -10.75 -7.94	79.41 -11.39 -3.18	79.06 -10.36 -1.62	72.35 -10.53 -1.91	70.51 -8.98 -1.44	67.06 -7.13 -2.19
NEG WEST___LANCASTER 23811	84.86 -8.94 -6.18	78.96 -9.21 -2.92	76.51 -8.92 -3.61	75.04 -8.84 -2.06	74.42 -8.91 -2.36	70.78 -7.84 -5.33	77.58 -8.37 -4.73	67.75 -8.92 -4.75	68.67 -9.52 -0.16	72.45 -6.02 2.84	65.76 -5.03 2.07	65.22 -7.58 2.26	63.76 -7.86 0.52	63.99 -7.65 0.51	61.63 -8.53 2.13	71.91 -9.74 -0.51	74.13 -10.18 -0.88	81.21 -10.22 -3.36	86.95 -10.48 -9.35	81.08 -10.34 -3.80	80.68 -9.04 -1.92	72.87 -10.36 -2.26	71.65 -8.12 -1.72	66.94 -7.63 -2.58
NEG_PENN_ALLEGHNY 23528	98.74 -0.17 -11.30	90.33 -0.25 -5.34	88.09 -0.33 -6.60	85.25 -0.33 -3.76	84.88 -0.40 -4.32	82.74 -0.29 -9.75	89.78 -0.08 -8.64	80.18 -0.43 -8.69	85.14 -0.39 -7.50	89.23 0.16 -7.77	78.56 0.07 -5.63	82.06 -0.15 -7.15	78.37 -0.43 -6.65	77.60 -0.36 -5.81	79.05 -0.36 -7.12	82.96 -0.40 -2.23	87.11 -0.25 -3.93	99.76 0.00 -11.69	106.06 0.00 -17.99	95.47 0.18 -7.67	91.51 0.00 -3.71	84.98 -0.32 -4.33	81.08 -0.39 -3.41	76.35 -0.36 -4.71
NEG___GEN_MONROE 24207	88.19 -3.77 -4.34	83.12 -4.18 -2.05	80.35 -4.01 -2.54	79.25 -4.01 -1.45	78.74 -3.89 -1.66	73.52 -3.52 -3.75	80.88 -3.65 -3.32	70.87 -4.39 -3.34	76.31 -4.60 -2.88	79.35 -4.96 -3.01	70.30 -4.74 -2.18	73.31 -4.50 -2.75	69.29 -4.91 -2.05	69.01 -4.98 -1.84	70.54 -4.48 -2.73	76.62 -5.03 -0.52	79.24 -5.09 -0.91	84.97 -5.02 -1.93	87.77 -4.84 -4.54	82.72 -5.61 -0.71	83.21 -5.09 -0.50	76.44 -5.26 -0.73	73.45 -4.60 0.00	70.35 -3.46 -1.81

NEPA__ENERGY 23901	86.44 -7.01 -5.83	80.50 -7.50 -2.76	77.94 -7.28 -3.41	76.56 -7.20 -1.94	75.99 -7.21 -2.23	72.01 -6.30 -5.03	79.01 -6.66 -4.46	68.78 -7.62 -4.48	68.43 -8.12 1.48	68.66 -6.99 5.65	62.34 -6.41 4.11	63.10 -7.28 4.68	62.71 -7.65 1.79	62.98 -7.50 1.66	60.43 -7.37 4.49	73.17 -8.44 -0.47	75.57 -8.68 -0.82	81.49 -8.89 -2.32	87.98 -8.90 -8.80	81.87 -9.29 -3.54	81.35 -8.25 -1.81	74.11 -8.99 -2.13	72.25 -7.41 -1.61	68.31 -6.12 -2.43
NEVERSINK__HYD 23608	125.08 5.52 -31.94	105.72 5.37 -15.11	105.39 4.91 -18.67	97.36 4.91 -10.63	98.03 4.86 -12.21	105.17 4.32 -27.56	110.68 5.04 -24.43	100.72 4.24 -24.56	104.23 5.00 -21.20	108.39 5.13 -21.96	93.44 4.67 -15.91	99.93 4.66 -20.20	97.06 4.40 -20.51	94.26 4.40 -17.71	96.78 4.34 -20.15	93.67 5.11 -7.42	101.96 5.42 -13.11	126.77 5.99 -32.71	143.87 6.07 -49.72	113.88 5.96 -20.30	103.56 5.88 -9.88	97.78 5.19 -11.63	91.51 4.68 -8.78	89.41 4.10 -13.31
NEWKRMKL_115KV_TB1 55635	134.14 3.33 -43.20	108.57 2.90 -20.43	109.77 2.70 -25.25	98.89 2.70 -14.38	100.15 2.67 -16.51	113.06 2.49 -37.28	117.10 2.84 -33.04	107.51 2.37 -33.22	109.44 2.73 -28.68	113.94 2.93 -29.71	96.93 2.55 -21.52	104.95 2.55 -27.33	102.42 2.53 -27.74	98.63 2.53 -23.96	102.15 2.60 -27.25	94.34 3.16 -10.04	104.33 3.17 -17.74	160.79 3.17 -69.56	183.80 3.17 -92.55	143.46 3.07 -52.77	114.67 3.16 -23.71	110.05 2.91 -26.16	107.80 3.20 -26.55	93.03 3.02 -18.00
NEWTON__FALLS_HYD 23847	87.99 -0.53 -0.90	85.16 -0.51 -0.42	81.69 -0.65 -0.52	81.54 -0.57 -0.30	80.83 -0.49 -0.34	73.40 -0.66 -0.77	80.77 -1.14 -0.69	71.89 -0.72 -0.69	77.69 -0.94 -0.60	80.78 -1.14 -0.62	72.65 -0.66 -0.45	74.88 -0.75 -0.57	72.15 -0.58 -0.58	72.00 -0.65 -0.50	72.06 -0.80 -0.57	80.78 -0.57 -0.21	83.21 -0.58 -0.37	87.77 -0.79 -0.49	88.43 -0.62 -0.97	87.15 -0.61 -0.15	86.94 -0.97 -0.10	80.47 -0.65 -0.15	77.58 -0.47 0.00	71.94 -0.43 -0.37
NGRID_A1_DSASP 323792	85.18 -7.80 -5.36	80.02 -7.76 -2.53	77.51 -7.44 -3.13	76.24 -7.36 -1.78	75.65 -7.37 -2.05	71.39 -6.52 -4.62	77.76 -7.55 -4.10	67.12 -8.92 -4.12	68.78 -8.90 0.35	69.05 -8.86 3.40	62.01 -8.38 2.47	63.79 -8.56 2.72	62.44 -8.95 0.76	62.55 -8.88 0.72	61.40 -8.31 2.58	71.25 -10.39 -0.50	73.37 -10.93 -0.87	79.09 -11.63 -2.65	84.72 -11.45 -8.09	79.25 -11.57 -3.20	78.47 -10.98 -1.65	72.31 -10.60 -1.95	70.07 -9.45 -1.47	67.10 -7.13 -2.23
NGRID_A2_DSASP 323793	85.18 -7.80 -5.36	80.02 -7.76 -2.53	77.51 -7.44 -3.13	76.24 -7.36 -1.78	75.65 -7.37 -2.05	71.39 -6.52 -4.62	77.76 -7.55 -4.10	67.12 -8.92 -4.12	68.78 -8.90 0.35	69.05 -8.86 3.40	62.01 -8.38 2.47	63.79 -8.56 2.72	62.44 -8.95 0.76	62.55 -8.88 0.72	61.40 -8.31 2.58	71.25 -10.39 -0.50	73.37 -10.93 -0.87	79.09 -11.63 -2.65	84.72 -11.45 -8.09	79.25 -11.57 -3.20	78.47 -10.98 -1.65	72.31 -10.60 -1.95	70.07 -9.45 -1.47	67.10 -7.13 -2.23
NGRID_A4_DSASP 323807	85.18 -7.80 -5.36	80.02 -7.76 -2.53	77.51 -7.44 -3.13	76.24 -7.36 -1.78	75.65 -7.37 -2.05	71.39 -6.52 -4.62	77.76 -7.55 -4.10	67.12 -8.92 -4.12	68.78 -8.90 0.35	69.05 -8.86 3.40	62.01 -8.38 2.47	63.79 -8.56 2.72	62.44 -8.95 0.76	62.55 -8.88 0.72	61.40 -8.31 2.58	71.25 -10.39 -0.50	73.37 -10.93 -0.87	79.09 -11.63 -2.65	84.72 -11.45 -8.09	79.25 -11.57 -3.20	78.47 -10.98 -1.65	72.31 -10.60 -1.95	70.07 -9.45 -1.47	67.10 -7.13 -2.23
NIAGARA_115E_LBMP 323715	83.79 -9.20 -5.37	78.66 -9.12 -2.54	76.12 -8.84 -3.14	74.85 -8.75 -1.79	74.28 -8.75 -2.05	70.15 -7.77 -4.64	76.96 -8.36 -4.11	66.63 -9.42 -4.13	68.78 -8.90 0.35	69.33 -8.86 3.11	62.22 -8.38 2.27	63.86 -8.48 2.73	62.56 -8.95 0.64	62.62 -8.80 0.72	61.39 -8.31 2.59	70.77 -10.87 -0.50	72.95 -11.35 -0.87	78.59 -12.15 -2.67	84.21 -11.98 -8.11	78.85 -12.00 -3.23	78.13 -11.33 -1.66	72.64 -10.28 -1.95	69.61 -9.91 -1.47	66.46 -7.78 -2.24
NIAGARA_115W_LBMP 323714	85.08 -7.89 -5.35	80.02 -7.76 -2.53	77.42 -7.53 -3.13	76.15 -7.44 -1.78	75.57 -7.45 -2.05	71.31 -6.60 -4.62	77.59 -7.72 -4.09	66.97 -9.06 -4.12	68.80 -8.90 0.33	68.99 -8.94 3.37	62.04 -8.38 2.45	63.82 -8.56 2.69	62.45 -8.95 0.75	62.57 -8.88 0.70	61.35 -8.38 2.55	71.09 -10.55 -0.50	73.29 -11.01 -0.88	78.92 -11.80 -2.66	84.53 -11.63 -8.08	79.16 -11.65 -3.19	78.38 -11.06 -1.65	72.22 -10.69 -1.94	69.99 -9.53 -1.47	66.96 -7.27 -2.23
NIAGARA_230_LBMP 323716	84.93 -7.97 -5.29	79.90 -7.84 -2.50	77.30 -7.61 -3.09	76.05 -7.53 -1.76	75.46 -7.53 -2.02	71.18 -6.67 -4.56	78.03 -7.23 -4.04	67.72 -8.27 -4.06	68.96 -8.90 0.17	69.35 -8.86 3.09	62.30 -8.31 2.25	64.09 -8.56 2.42	62.58 -8.95 0.62	62.70 -8.88 0.57	61.62 -8.38 2.29	71.90 -9.74 -0.51	74.13 -10.18 -0.88	80.01 -10.75 -2.69	85.49 -10.57 -7.98	79.28 -11.47 -3.13	79.24 -10.18 -1.63	72.60 -10.28 -1.92	70.76 -8.74 -1.45	67.36 -6.84 -2.20
NIAGARA__115KV_198_GIBSON 55903	85.52 -7.45 -5.35	80.02 -7.76 -2.53	77.42 -7.53 -3.13	76.15 -7.45 -1.78	75.56 -7.45 -2.05	71.31 -6.60 -4.62	77.59 -7.72 -4.09	66.97 -9.06 -4.12	68.81 -8.90 0.33	68.99 -8.94 3.37	62.03 -8.38 2.45	63.82 -8.56 2.69	62.45 -8.95 0.75	62.57 -8.87 0.70	61.35 -8.39 2.55	71.25 -10.39 -0.50	73.29 -11.01 -0.88	79.98 -10.74 -2.66	84.53 -11.63 -8.08	78.54 -12.27 -3.19	78.30 -11.15 -1.65	71.90 -11.01 -1.94	69.99 -9.52 -1.47	66.96 -7.27 -2.23
NIAGARA____ 23760	85.02 -7.97 -5.37	79.94 -7.84 -2.54	77.35 -7.61 -3.14	76.08 -7.53 -1.79	75.49 -7.53 -2.05	71.25 -6.67 -4.63	78.09 -7.23 -4.10	67.76 -8.27 -4.11	68.96 -8.90 0.17	69.35 -8.86 3.09	62.30 -8.31 2.25	64.09 -8.56 2.42	62.58 -8.95 0.62	62.70 -8.88 0.57	61.62 -8.38 2.29	71.90 -9.74 -0.50	74.12 -10.18 -0.88	80.01 -10.75 -2.69	85.56 -10.57 -8.05	79.33 -11.47 -3.18	79.26 -10.18 -1.65	72.62 -10.28 -1.94	70.78 -8.74 -1.47	67.39 -6.84 -2.24
NINE_MILE_1 23575	86.63 -3.15 -2.16	83.11 -3.15 -1.02	80.06 -3.03 -1.26	79.43 -3.11 -0.72	78.72 -3.08 -0.83	72.37 -2.78 -1.87	79.95 -2.92 -1.66	70.78 -2.81 -1.66	76.50 -2.97 -1.44	79.70 -3.09 -1.49	71.09 -2.84 -1.08	73.58 -2.85 -1.37	70.65 -2.89 -1.39	70.53 -2.81 -1.20	70.91 -2.75 -1.36	78.56 -3.08 -0.50	81.23 -3.09 -0.89	86.18 -3.08 -1.19	87.33 -3.09 -2.34	84.55 -3.42 -0.35	84.80 -3.25 -0.25	78.09 -3.24 -0.36	75.01 -3.05 0.00	70.17 -2.74 -0.90
NINE_MILE_2 23744	86.63 -3.15 -2.16	83.11 -3.15 -1.02	80.05 -3.03 -1.26	79.43 -3.11 -0.72	78.72 -3.08 -0.83	72.36 -2.78 -1.86	79.95 -2.92 -1.65	70.77 -2.81 -1.66	76.50 -2.97 -1.43	79.70 -3.09 -1.48	71.09 -2.84 -1.08	73.58 -2.85 -1.37	70.65 -2.89 -1.39	70.53 -2.81 -1.20	70.91 -2.75 -1.36	78.55 -3.08 -0.50	81.23 -3.09 -0.89	86.17 -3.08 -1.19	87.33 -3.09 -2.34	84.55 -3.42 -0.35	84.80 -3.25 -0.25	78.09 -3.24 -0.36	75.01 -3.05 0.00	70.16 -2.74 -0.90
NM_CAPITAL__DRP 24208	134.29 3.59 -43.08	108.86 3.24 -20.38	110.03 3.03 -25.18	99.18 3.03 -14.34	100.43 3.00 -16.47	113.25 2.78 -37.18	117.34 3.17 -32.95	107.71 2.66 -33.13	109.68 3.04 -28.60	114.18 3.25 -29.63	97.24 2.91 -21.47	105.25 2.93 -27.25	102.63 2.81 -27.66	98.85 2.81 -23.89	102.36 2.89 -27.18	94.63 3.49 -10.01	104.54 3.42 -17.69	160.50 3.52 -68.91	183.45 3.52 -91.85	143.21 3.42 -52.17	114.77 3.51 -23.46	110.11 3.24 -25.90	107.62 3.36 -26.22	93.19 3.24 -17.95

NM_CENTRAL___DRP 24181	89.32 -1.40 -3.10	85.18 -1.53 -1.47	82.08 -1.55 -1.81	81.30 -1.55 -1.03	80.62 -1.54 -1.19	74.57 -1.39 -2.68	82.29 -1.30 -2.37	72.94 -1.37 -2.39	78.69 -1.40 -2.06	82.06 -1.38 -2.13	73.09 -1.31 -1.55	75.68 -1.35 -1.96	72.70 -1.44 -1.99	72.50 -1.37 -1.72	72.95 -1.30 -1.96	80.48 -1.38 -0.72	83.37 -1.33 -1.27	88.63 -1.14 -1.71	90.29 -1.14 -3.36	86.63 -1.49 -0.50	86.75 -1.40 -0.36	79.87 -1.62 -0.52	76.49 -1.56 0.00	71.93 -1.37 -1.29
NM_FRONTIER___DRP 24179	85.52 -7.45 -5.35	80.02 -7.76 -2.53	77.42 -7.53 -3.13	76.15 -7.45 -1.78	75.56 -7.45 -2.05	71.31 -6.60 -4.62	77.59 -7.72 -4.09	66.97 -9.06 -4.12	68.81 -8.90 0.33	68.99 -8.94 3.37	62.03 -8.38 2.45	63.82 -8.56 2.69	62.45 -8.95 0.75	62.57 -8.87 0.70	61.35 -8.39 2.55	71.25 -10.39 -0.50	73.29 -11.01 -0.88	79.98 -10.74 -2.66	84.53 -11.63 -8.08	78.54 -12.27 -3.19	78.30 -11.15 -1.65	71.90 -11.01 -1.94	69.99 -9.52 -1.47	66.96 -7.27 -2.23
NM_ST_REGIS___HYD 24053	86.48 -1.14 0.00	84.30 -0.94 0.00	81.00 -0.82 0.00	81.08 -0.74 0.00	80.24 -0.73 0.00	72.33 -0.95 0.00	79.35 -1.87 0.00	70.77 -1.15 0.00	76.32 -1.72 0.00	79.35 -1.95 0.00	71.55 -1.31 0.00	73.64 -1.43 0.00	71.07 -1.08 0.00	70.92 -1.23 0.00	70.85 -1.45 0.00	79.68 -1.46 0.00	81.42 -2.00 0.00	85.51 -2.55 0.00	85.70 -2.38 0.00	85.69 -1.93 0.00	85.60 -2.19 0.00	79.75 -1.21 0.00	77.27 -0.78 0.00	71.50 -0.50 0.00
NORTHPORT___1 23551	143.49 7.19 -48.69	136.94 6.90 -44.79	128.02 6.55 -39.65	120.27 6.55 -31.90	120.35 6.48 -32.90	115.74 5.79 -36.67	135.16 6.74 -47.21	140.21 5.97 -62.33	146.37 6.79 -61.55	145.81 7.16 -57.35	136.50 6.70 -56.94	125.99 6.83 -44.10	119.01 6.50 -40.36	118.77 6.56 -40.06	101.24 6.36 -22.58	132.41 7.31 -43.97	148.39 7.09 -57.88	174.23 7.13 -79.03	176.81 7.22 -81.51	154.73 7.19 -59.93	146.05 7.46 -50.80	135.67 7.04 -47.66	118.00 6.71 -33.24	93.85 6.19 -15.65
NORTHPORT___2 23552	143.49 7.19 -48.69	136.94 6.90 -44.79	128.02 6.55 -39.65	120.27 6.55 -31.90	120.35 6.48 -32.90	115.74 5.79 -36.67	135.16 6.74 -47.21	140.21 5.97 -62.33	146.37 6.79 -61.55	145.81 7.16 -57.35	136.50 6.70 -56.94	125.99 6.83 -44.10	119.01 6.50 -40.36	118.77 6.56 -40.06	101.24 6.36 -22.58	132.41 7.31 -43.97	148.39 7.09 -57.88	174.23 7.13 -79.03	176.81 7.22 -81.51	154.73 7.19 -59.93	146.05 7.46 -50.80	135.67 7.04 -47.66	118.00 6.71 -33.24	93.85 6.19 -15.65
NORTHPORT___3 23553	143.75 7.44 -48.69	137.11 7.07 -44.79	128.09 6.62 -39.65	120.27 6.55 -31.90	120.35 6.48 -32.90	115.74 5.79 -36.67	135.16 6.74 -47.21	140.21 5.97 -62.33	146.53 6.94 -61.55	146.05 7.40 -57.35	136.58 6.78 -56.94	125.99 6.83 -44.10	119.08 6.56 -40.36	118.77 6.56 -40.06	101.31 6.43 -22.58	132.49 7.38 -43.97	148.73 7.42 -57.88	175.02 7.93 -79.03	177.60 8.01 -81.51	155.43 7.89 -59.93	146.50 7.91 -50.80	135.84 7.20 -47.66	118.07 6.79 -33.24	93.63 5.97 -15.65
NORTHPORT___4 23650	143.75 7.44 -48.69	137.11 7.07 -44.79	128.09 6.62 -39.65	120.27 6.55 -31.90	120.35 6.48 -32.90	115.74 5.79 -36.67	135.16 6.74 -47.21	140.21 5.97 -62.33	146.53 6.94 -61.55	146.05 7.40 -57.35	136.58 6.78 -56.94	125.99 6.83 -44.10	119.08 6.56 -40.36	118.77 6.56 -40.06	101.31 6.43 -22.58	132.49 7.38 -43.97	148.73 7.42 -57.88	175.02 7.93 -79.03	177.60 8.01 -81.51	155.43 7.89 -59.93	146.50 7.91 -50.80	135.84 7.20 -47.66	118.07 6.79 -33.24	93.63 5.97 -15.65
NORTHPORT___IC 23718	143.58 7.27 -48.69	136.94 6.90 -44.79	128.02 6.55 -39.65	120.27 6.55 -31.90	120.35 6.48 -32.90	115.74 5.79 -36.67	135.17 6.74 -47.21	140.21 5.97 -62.33	146.38 6.79 -61.55	145.81 7.15 -57.35	136.50 6.70 -56.94	125.99 6.83 -44.10	119.00 6.49 -40.36	118.77 6.57 -40.06	101.24 6.36 -22.58	132.41 7.30 -43.97	148.39 7.09 -57.88	174.23 7.13 -79.03	176.81 7.22 -81.51	154.64 7.10 -59.93	145.97 7.38 -50.80	135.68 7.04 -47.66	118.00 6.71 -33.24	93.84 6.19 -15.65
NORTH___COUNTRY_ESR 323785	85.34 -2.28 0.00	83.20 -2.05 0.00	80.02 -1.80 0.00	80.02 -1.80 0.00	79.02 -1.94 0.00	71.38 -1.91 0.00	78.37 -2.84 0.00	69.83 -2.09 0.00	75.30 -2.73 0.00	78.38 -2.92 0.00	70.16 -2.69 0.00	72.14 -2.93 0.00	69.70 -2.45 0.00	69.56 -2.59 0.00	69.55 -2.75 0.00	78.22 -2.92 0.00	80.34 -3.09 0.00	84.54 -3.53 0.00	84.91 -3.17 0.00	84.99 -2.63 0.00	84.90 -2.90 0.00	78.95 -2.02 0.00	76.10 -1.95 0.00	70.27 -1.73 0.00
NPX_GEN_1385_PROXY 323591	142.44 6.13 -48.69	136.00 5.96 -44.79	127.28 5.81 -39.65	120.11 6.39 -31.90	120.19 6.32 -32.90	115.74 5.79 -36.67	135.00 6.58 -47.21	140.00 5.76 -62.33	146.06 6.47 -61.55	144.83 6.18 -57.35	135.92 6.12 -56.94	125.54 6.38 -44.10	118.64 6.13 -40.36	118.56 6.35 -40.06	100.66 5.79 -22.58	132.00 6.89 -43.97	148.15 6.84 -57.88	173.44 6.34 -79.03	176.01 6.43 -81.51	154.46 6.92 -59.93	145.00 6.41 -50.80	135.11 6.48 -47.66	118.00 6.71 -33.24	95.00 7.35 -15.65
NPX_GEN_CSC 323557	145.06 8.76 -48.69	138.39 8.36 -44.79	129.25 7.78 -39.65	121.41 7.69 -31.90	121.48 7.61 -32.90	116.77 6.82 -36.67	136.47 8.04 -47.21	141.44 7.19 -62.33	147.78 8.19 -61.55	147.44 8.78 -57.35	137.60 7.80 -56.94	127.12 7.95 -44.10	120.01 7.50 -40.36	119.78 7.57 -40.06	102.39 7.52 -22.58	133.62 8.52 -43.97	149.98 8.68 -57.88	176.61 9.51 -79.03	178.92 9.33 -81.51	156.66 9.11 -59.93	147.64 9.05 -50.80	136.81 8.17 -47.66	119.02 7.73 -33.24	94.63 6.98 -15.65
NSINS_S___GLNS_FALLS 23858	140.07 8.06 -44.40	114.08 7.84 -21.00	115.13 7.36 -25.95	103.96 7.36 -14.78	105.31 7.37 -16.97	118.41 6.82 -38.31	122.81 7.63 -33.96	112.39 6.33 -34.14	114.76 7.26 -29.47	119.56 7.72 -30.53	101.75 6.78 -22.12	109.54 6.38 -28.09	106.50 5.84 -28.51	102.61 5.84 -24.62	106.37 6.07 -28.01	98.51 7.06 -10.32	109.25 7.59 -18.23	188.93 8.37 -92.50	212.67 8.46 -116.14	171.10 8.24 -75.25	129.10 8.34 -32.96	124.05 7.53 -35.55	124.63 7.10 -39.47	96.84 6.34 -18.50
NUCOR_STEEL___DRP 24197	91.63 -0.26 -4.27	86.75 -0.51 -2.02	83.74 -0.57 -2.50	82.67 -0.57 -1.42	82.03 -0.57 -1.63	76.39 -0.59 -3.69	84.16 -0.32 -3.27	74.70 -0.50 -3.28	80.40 -0.47 -2.84	83.84 -0.41 -2.94	74.55 -0.53 -2.13	77.24 -0.72 -2.70	74.70 -0.65 -3.27	74.27 -0.65 -2.77	74.49 -0.51 -2.70	81.99 -0.49 -1.34	85.55 -0.25 -2.37	90.75 0.00 -2.68	92.81 0.00 -4.74	87.87 -0.44 -0.69	88.03 -0.26 -0.49	81.04 -0.65 -0.72	77.43 -0.62 0.00	73.28 -0.50 -1.78
NUMBER_THREE_WT_PWR 323818	89.71 0.88 -1.22	86.50 0.68 -0.57	82.94 0.41 -0.71	82.72 0.49 -0.40	82.00 0.57 -0.46	74.78 0.44 -1.05	82.64 0.49 -0.93	73.43 0.57 -0.93	79.54 0.70 -0.81	82.63 0.49 -0.84	74.12 0.65 -0.61	76.51 0.67 -0.77	73.51 0.57 -0.78	73.40 0.57 -0.67	73.57 0.51 -0.77	82.40 0.98 -0.28	85.43 1.50 -0.50	90.40 1.67 -0.67	91.24 1.85 -1.32	89.30 1.49 -0.20	89.17 1.23 -0.14	81.98 0.81 -0.20	78.67 0.62 0.00	72.80 0.29 -0.51
NYISO_LBMP_REFERENCE 24008	87.62 0.00 0.00	85.24 0.00 0.00	81.82 0.00 0.00	81.82 0.00 0.00	80.97 0.00 0.00	73.29 0.00 0.00	81.22 0.00 0.00	71.92 0.00 0.00	78.03 0.00 0.00	81.30 0.00 0.00	72.86 0.00 0.00	75.07 0.00 0.00	72.15 0.00 0.00	72.15 0.00 0.00	72.29 0.00 0.00	81.14 0.00 0.00	83.43 0.00 0.00	88.07 0.00 0.00	88.08 0.00 0.00	87.62 0.00 0.00	87.80 0.00 0.00	80.97 0.00 0.00	78.05 0.00 0.00	72.00 0.00 0.00

NYPA_BRENTWD____GT 24164	144.63 8.33 -48.69	138.05 8.01 -44.79	128.99 7.52 -39.65	121.16 7.44 -31.90	121.24 7.37 -32.90	116.55 6.60 -36.67	136.14 7.72 -47.21	141.08 6.84 -62.33	147.39 7.80 -61.55	146.95 8.30 -57.35	137.38 7.58 -56.94	126.82 7.66 -44.10	119.79 7.28 -40.36	119.57 7.36 -40.06	102.10 7.23 -22.58	133.39 8.28 -43.97	149.56 8.26 -57.88	175.82 8.72 -79.03	178.31 8.72 -81.51	156.22 8.68 -59.93	147.29 8.69 -50.80	136.65 8.02 -47.66	118.86 7.57 -33.24	94.50 6.84 -15.65
NYPA_GOWANUS____GT5 24156	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
NYPA_GOWANUS____GT6 24157	129.69 6.84 -35.23	124.56 6.31 -33.01	124.48 5.81 -36.85	99.31 5.73 -11.76	100.05 5.58 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.59 5.18 -27.49	126.37 6.24 -42.09	133.35 6.74 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.46 5.99 -40.33	123.05 5.85 -44.90	120.39 6.82 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.92 7.48 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.25 -28.28	111.25 5.47 -33.78
NYPA_HARLEM__RVR__GT1 24160	129.81 7.01 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.34 5.81 -11.71	100.00 5.58 -13.45	108.26 4.62 -30.36	113.57 5.44 -26.91	103.93 4.96 -27.05	107.31 5.93 -23.35	111.75 6.26 -24.18	96.15 5.75 -17.54	103.11 5.78 -22.26	100.21 5.48 -22.58	97.13 5.48 -19.50	99.83 5.35 -22.18	95.81 6.49 -8.18	104.30 6.42 -14.45	129.74 6.52 -35.16	148.58 6.61 -53.89	115.68 6.57 -21.49	104.91 6.59 -10.52	99.90 6.48 -12.45	93.15 5.93 -9.17	92.06 5.40 -14.66
NYPA_HARLEM__RVR__GT2 24161	129.81 7.01 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.34 5.81 -11.71	100.00 5.58 -13.45	108.26 4.62 -30.36	113.57 5.44 -26.91	103.93 4.96 -27.05	107.31 5.93 -23.35	111.75 6.26 -24.18	96.15 5.75 -17.54	103.11 5.78 -22.26	100.21 5.48 -22.58	97.13 5.48 -19.50	99.83 5.35 -22.18	95.81 6.49 -8.18	104.30 6.42 -14.45	129.74 6.52 -35.16	148.58 6.61 -53.89	115.68 6.57 -21.49	104.91 6.59 -10.52	99.90 6.48 -12.45	93.15 5.93 -9.17	92.06 5.40 -14.66
NYPA_KENT____GT 24152	129.57 6.75 -35.21	117.56 6.31 -26.01	117.43 5.73 -29.89	99.28 5.73 -11.74	100.03 5.58 -13.48	108.44 4.76 -30.39	117.92 5.77 -30.94	104.40 5.18 -27.30	118.36 6.24 -34.08	124.25 6.67 -36.28	107.50 6.12 -28.53	117.07 6.16 -35.84	112.96 5.92 -34.97	109.49 5.92 -31.43	113.27 5.79 -35.20	109.94 6.73 -22.07	119.13 6.75 -28.95	146.54 7.13 -51.34	182.10 7.22 -86.80	147.55 7.19 -52.75	118.35 7.20 -23.35	113.53 6.72 -25.84	104.33 6.16 -20.11	103.01 5.40 -25.61
NYPA_POUCH1____GT 24155	129.24 6.39 -35.23	124.13 5.88 -33.01	63.26 5.32 23.88	46.42 5.32 40.72	46.26 5.10 39.81	48.37 4.40 29.31	120.52 5.36 -33.94	104.22 4.82 -27.49	125.98 5.86 -42.09	68.35 6.35 19.30	66.32 5.83 12.37	71.02 5.86 9.91	68.24 5.56 9.47	66.31 5.63 11.47	67.85 5.42 9.86	119.98 6.41 -32.44	129.72 6.51 -39.78	158.44 6.96 -63.42	206.49 7.05 -111.36	170.72 7.01 -76.09	127.75 7.03 -32.93	123.29 6.48 -35.84	112.19 5.86 -28.28	110.89 5.11 -33.78
NYPA_VERNON____GT2 24162	129.55 6.75 -35.19	110.56 6.31 -19.01	110.55 5.81 -22.92	99.34 5.81 -11.72	100.09 5.67 -13.46	108.49 4.84 -30.37	114.91 5.77 -27.93	104.28 5.25 -27.11	110.35 6.24 -26.07	115.23 6.67 -27.25	99.30 6.12 -20.33	106.93 6.16 -25.71	103.72 5.84 -25.73	100.60 5.92 -22.53	103.56 5.79 -25.49	99.57 6.73 -11.71	108.22 6.68 -18.12	134.38 7.05 -39.26	157.44 7.13 -62.23	124.13 7.09 -29.41	108.68 7.11 -13.77	103.45 6.64 -15.84	96.08 6.09 -11.94	94.84 5.40 -17.43
NYPA_VERNON____GT3 24163	129.55 6.75 -35.19	110.56 6.31 -19.01	110.55 5.81 -22.92	99.34 5.81 -11.72	100.09 5.67 -13.46	108.49 4.84 -30.37	114.91 5.77 -27.93	104.28 5.25 -27.11	110.35 6.24 -26.07	115.23 6.67 -27.25	99.30 6.12 -20.33	106.93 6.16 -25.71	103.72 5.84 -25.73	100.60 5.92 -22.53	103.56 5.79 -25.49	99.57 6.73 -11.71	108.22 6.68 -18.12	134.38 7.05 -39.26	157.44 7.13 -62.23	124.13 7.09 -29.41	108.68 7.11 -13.77	103.45 6.64 -15.84	96.08 6.09 -11.94	94.84 5.40 -17.43
NYPA__ASTORIA_CC1 323568	129.54 6.75 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.25 5.73 -11.71	100.00 5.58 -13.45	108.41 4.76 -30.36	113.81 5.68 -26.91	104.15 5.18 -27.05	107.55 6.16 -23.35	112.08 6.58 -24.19	96.45 6.04 -17.54	103.42 6.08 -22.27	100.51 5.77 -22.59	97.50 5.84 -19.51	100.19 5.71 -22.19	95.98 6.65 -8.19	104.55 6.68 -14.45	130.19 6.96 -35.17	149.03 7.05 -53.90	116.13 7.01 -21.50	105.35 7.03 -10.52	99.98 6.56 -12.45	93.31 6.09 -9.17	91.99 5.33 -14.66
NYPA__ASTORIA_CC2 323569	129.54 6.75 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.25 5.73 -11.71	100.00 5.58 -13.45	108.41 4.76 -30.36	113.81 5.68 -26.91	104.15 5.18 -27.05	107.55 6.16 -23.35	112.08 6.58 -24.19	96.45 6.04 -17.54	103.42 6.08 -22.27	100.51 5.77 -22.59	97.50 5.84 -19.51	100.19 5.71 -22.19	95.98 6.65 -8.19	104.55 6.68 -14.45	130.19 6.96 -35.17	149.03 7.05 -53.90	116.13 7.01 -21.50	105.35 7.03 -10.52	99.98 6.56 -12.45	93.31 6.09 -9.17	91.99 5.33 -14.66
NYPA__HOLTSVILL 23794	144.28 7.97 -48.69	137.62 7.58 -44.79	128.58 7.11 -39.65	120.76 7.04 -31.90	120.83 6.96 -32.90	116.18 6.23 -36.67	135.74 7.31 -47.21	140.79 6.54 -62.33	147.08 7.49 -61.55	146.54 7.88 -57.35	137.01 7.21 -56.94	126.44 7.28 -44.10	119.44 6.93 -40.36	119.21 7.00 -40.06	101.82 6.94 -22.58	132.82 7.71 -43.97	148.97 7.67 -57.88	175.29 8.19 -79.03	177.78 8.19 -81.51	155.60 8.06 -59.93	146.67 8.07 -50.80	136.00 7.37 -47.66	118.31 7.03 -33.24	93.99 6.34 -15.65
NYPA__HELLGATE_GT1 24158	129.81 7.01 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.34 5.81 -11.71	100.00 5.58 -13.45	108.26 4.62 -30.36	113.57 5.44 -26.91	103.93 4.96 -27.05	107.31 5.93 -23.35	111.75 6.26 -24.18	96.15 5.75 -17.54	103.11 5.78 -22.26	100.21 5.48 -22.58	97.13 5.48 -19.50	99.83 5.35 -22.18	95.81 6.49 -8.18	104.30 6.42 -14.45	129.74 6.52 -35.16	148.58 6.61 -53.89	115.68 6.57 -21.49	104.91 6.59 -10.52	99.90 6.48 -12.45	93.15 5.93 -9.17	92.06 5.40 -14.66
NYPA__HELLGATE_GT2 24159	129.81 7.01 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.34 5.81 -11.71	100.00 5.58 -13.45	108.26 4.62 -30.36	113.57 5.44 -26.91	103.93 4.96 -27.05	107.31 5.93 -23.35	111.75 6.26 -24.18	96.15 5.75 -17.54	103.11 5.78 -22.26	100.21 5.48 -22.58	97.13 5.48 -19.50	99.83 5.35 -22.18	95.81 6.49 -8.18	104.30 6.42 -14.45	129.74 6.52 -35.16	148.58 6.61 -53.89	115.68 6.57 -21.49	104.91 6.59 -10.52	99.90 6.48 -12.45	93.15 5.93 -9.17	92.06 5.40 -14.66
NYS_BARGE__HYD 23848	84.69 -8.15 -5.22	79.53 -8.18 -2.47	77.01 -7.85 -3.05	75.78 -7.77 -1.74	75.19 -7.77 -1.99	70.90 -6.89 -4.50	77.82 -7.39 -3.99	67.44 -8.49 -4.01	69.54 -8.35 0.14	70.30 -8.21 2.80	63.17 -7.65 2.03	64.85 -7.88 2.34	63.35 -8.29 0.50	63.38 -8.23 0.54	62.27 -7.81 2.21	71.90 -9.74 -0.50	74.12 -10.18 -0.87	80.13 -10.66 -2.72	85.47 -10.48 -7.88	79.99 -10.78 -3.16	79.39 -10.01 -1.61	73.31 -9.56 -1.89	70.66 -8.82 -1.43	67.26 -6.91 -2.17

OAK ORCHARD___HYD 24046	88.41 -3.51 -4.30	83.61 -3.66 -2.03	80.82 -3.52 -2.51	79.73 -3.52 -1.43	79.21 -3.40 -1.64	73.92 -3.08 -3.71	81.34 -3.17 -3.29	71.41 -3.81 -3.31	76.75 -4.14 -2.86	79.72 -4.55 -2.97	70.64 -4.37 -2.15	73.73 -4.05 -2.72	69.71 -4.47 -2.03	69.57 -4.40 -1.83	71.02 -3.98 -2.70	77.27 -4.38 -0.52	79.99 -4.34 -0.91	85.76 -4.23 -1.92	88.53 -4.05 -4.50	82.72 -5.61 -0.71	83.91 -4.39 -0.50	76.59 -5.10 -0.73	73.91 -4.14 0.00	70.70 -3.09 -1.79
OAKDALE___35_KV_LOAD 356122	98.40 -0.44 -11.22	89.95 -0.60 -5.31	87.72 -0.65 -6.56	84.90 -0.65 -3.73	84.61 -0.65 -4.29	82.38 -0.59 -9.68	89.39 -0.41 -8.58	79.83 -0.72 -8.63	84.78 -0.70 -7.45	88.78 -0.24 -7.72	78.23 -0.22 -5.59	81.64 -0.53 -7.10	77.82 -0.72 -6.39	77.10 -0.65 -5.60	78.71 -0.65 -7.06	82.40 -0.81 -2.07	86.41 -0.67 -3.65	99.23 -0.44 -11.61	105.59 -0.44 -17.95	94.67 -0.70 -7.75	91.10 -0.44 -3.74	84.43 -0.89 -4.36	80.81 -0.70 -3.47	76.03 -0.65 -4.68
OCC_CHEM___DRP 24175	85.62 -7.36 -5.36	80.02 -7.76 -2.53	77.50 -7.45 -3.13	76.24 -7.36 -1.78	75.65 -7.37 -2.05	71.39 -6.52 -4.62	77.76 -7.55 -4.10	67.12 -8.92 -4.12	68.79 -8.90 0.35	69.05 -8.86 3.40	62.09 -8.31 2.47	63.86 -8.48 2.72	62.44 -8.95 0.76	62.56 -8.87 0.72	61.32 -8.39 2.58	71.33 -10.30 -0.50	73.46 -10.85 -0.87	80.06 -10.66 -2.65	84.72 -11.45 -8.09	78.73 -12.09 -3.20	78.48 -10.97 -1.65	72.07 -10.85 -1.95	70.08 -9.44 -1.47	67.11 -7.13 -2.23
OH_GEN_PROXY 24063	85.13 -7.80 -5.31	80.00 -7.76 -2.51	77.48 -7.44 -3.11	76.14 -7.44 -1.77	75.63 -7.37 -2.03	71.35 -6.52 -4.59	78.21 -7.07 -4.07	67.88 -8.13 -4.09	69.50 -8.74 -0.21	70.28 -8.62 2.41	62.95 -8.16 1.75	64.90 -8.33 1.83	63.11 -8.73 0.31	63.20 -8.66 0.29	62.40 -8.17 1.72	72.16 -9.49 -0.52	74.40 -9.93 -0.90	80.49 -10.48 -2.90	85.80 -10.30 -8.03	79.55 -11.22 -3.15	79.52 -9.92 -1.64	72.86 -10.04 -1.93	71.00 -8.51 -1.45	67.52 -6.69 -2.21
OLIN_CORP_DRP 24177	84.44 -8.59 -5.41	78.85 -8.95 -2.56	76.39 -8.59 -3.16	75.03 -8.59 -1.80	74.53 -8.50 -2.07	70.41 -7.55 -4.67	77.15 -8.20 -4.14	66.80 -9.28 -4.16	68.82 -8.82 0.40	69.18 -8.86 3.26	62.18 -8.31 2.37	63.85 -8.41 2.81	62.57 -8.87 0.71	62.65 -8.73 0.77	61.30 -8.31 2.67	71.09 -10.55 -0.50	73.20 -11.10 -0.87	79.20 -11.54 -2.67	84.53 -11.71 -8.17	78.52 -12.35 -3.26	78.32 -11.15 -1.67	71.68 -11.25 -1.97	69.86 -9.68 -1.48	66.62 -7.63 -2.26
OLIN_CORP_DSASP 323712	85.18 -7.80 -5.36	80.02 -7.76 -2.53	77.51 -7.44 -3.13	76.24 -7.36 -1.78	75.65 -7.37 -2.05	71.39 -6.52 -4.62	77.76 -7.55 -4.10	67.12 -8.92 -4.12	68.78 -8.90 0.35	69.05 -8.86 3.40	62.01 -8.38 2.47	63.79 -8.56 2.72	62.44 -8.95 0.76	62.55 -8.88 0.72	61.40 -8.31 2.58	71.25 -10.39 -0.50	73.37 -10.93 -0.87	79.09 -11.63 -2.65	84.72 -11.45 -8.09	79.25 -11.57 -3.20	78.47 -10.98 -1.65	72.31 -10.60 -1.95	70.07 -9.45 -1.47	67.10 -7.13 -2.23
ONEIDA_HERK_LFGE 323681	90.59 1.93 -1.05	87.53 1.79 -0.49	83.90 1.47 -0.61	83.72 1.55 -0.35	82.99 1.62 -0.40	75.65 1.47 -0.90	83.72 1.71 -0.80	74.24 1.51 -0.80	80.52 1.80 -0.69	83.81 1.79 -0.72	75.06 1.68 -0.52	77.46 1.73 -0.66	74.48 1.66 -0.67	74.39 1.66 -0.58	74.54 1.59 -0.66	83.41 2.03 -0.24	86.28 2.42 -0.43	91.28 2.64 -0.58	91.94 2.73 -1.13	90.24 2.45 -0.17	90.20 2.28 -0.12	82.92 1.78 -0.18	79.61 1.56 0.00	73.66 1.22 -0.44
ONEIDA___115KV_TB4 55905	92.07 2.45 -2.00	88.41 2.22 -0.95	84.95 1.96 -1.17	84.53 2.05 -0.67	83.84 2.11 -0.77	76.92 1.91 -1.73	85.10 2.36 -1.53	75.47 2.01 -1.54	81.63 2.26 -1.33	85.04 2.36 -1.38	76.04 2.19 -1.00	78.51 2.18 -1.27	75.46 2.02 -1.29	75.28 2.02 -1.11	75.58 2.02 -1.26	84.12 2.52 -0.47	87.08 2.84 -0.82	92.25 3.08 -1.10	93.33 3.08 -2.17	90.66 2.72 -0.32	90.66 2.63 -0.23	83.33 2.02 -0.34	79.92 1.87 0.00	74.42 1.58 -0.84
ONONDAGA_REF_OCCRA 23987	90.58 -0.88 -3.84	86.04 -1.02 -1.82	83.00 -1.06 -2.25	82.03 -1.06 -1.28	81.38 -1.05 -1.47	75.65 -0.95 -3.32	83.34 -0.81 -2.94	73.94 -0.93 -2.95	79.65 -0.94 -2.55	83.13 -0.81 -2.64	73.97 -0.80 -1.91	76.67 -0.83 -2.43	73.98 -1.01 -2.84	73.63 -0.94 -2.42	73.86 -0.87 -2.43	81.38 -0.89 -1.14	84.69 -0.75 -2.02	89.89 -0.53 -2.35	91.79 -0.53 -4.24	87.36 -0.88 -0.62	87.45 -0.79 -0.44	80.56 -1.05 -0.65	76.96 -1.09 0.00	72.67 -0.94 -1.60
ONONDAGA___COGEN 23986	90.40 -0.79 -3.57	85.91 -1.02 -1.69	82.84 -1.06 -2.09	81.94 -1.06 -1.19	81.28 -1.05 -1.36	75.41 -0.95 -3.08	83.13 -0.81 -2.73	73.80 -0.86 -2.74	79.47 -0.94 -2.37	82.95 -0.81 -2.45	73.83 -0.80 -1.78	76.50 -0.83 -2.26	73.43 -1.01 -2.29	73.19 -0.94 -1.98	73.68 -0.87 -2.25	81.07 -0.89 -0.83	84.14 -0.75 -1.47	89.50 -0.53 -1.96	91.41 -0.53 -3.86	87.32 -0.88 -0.58	87.42 -0.79 -0.41	80.52 -1.05 -0.60	77.04 -1.01 0.00	72.55 -0.94 -1.49
ONTARIO___LFGE 23819	91.46 -1.23 -5.07	86.11 -1.53 -2.40	83.23 -1.56 -2.97	81.87 -1.64 -1.69	81.29 -1.62 -1.94	76.27 -1.39 -4.38	84.04 -1.06 -3.88	74.31 -1.51 -3.90	82.20 -1.72 -5.89	87.57 -1.79 -8.05	77.16 -1.53 -5.84	80.49 -1.72 -7.15	73.64 -2.16 -3.65	73.48 -2.09 -3.42	77.49 -1.80 -7.01	79.49 -1.79 -0.14	82.15 -1.50 -0.23	92.55 -0.97 -5.45	94.39 -1.23 -7.55	89.42 -1.41 -3.21	88.13 -1.23 -1.57	80.95 -1.86 -1.84	77.72 -1.72 -1.39	72.74 -1.37 -2.11
ORANGEVILLE_WT_PWR 323706	86.44 -7.62 -6.45	80.70 -7.59 -3.05	78.22 -7.36 -3.77	76.60 -7.36 -2.15	75.98 -7.45 -2.46	72.25 -6.60 -5.56	79.08 -7.07 -4.93	69.18 -7.69 -4.96	57.63 -8.35 12.06	48.35 -7.81 25.15	47.48 -7.14 18.24	45.72 -7.88 21.47	53.58 -8.15 10.41	54.51 -8.08 9.56	43.67 -7.81 20.82	72.74 -8.76 -0.36	75.29 -8.76 -0.63	76.43 -8.89 2.75	89.17 -8.63 -9.72	83.30 -8.33 -4.01	81.56 -8.26 -2.01	75.00 -8.34 -2.37	72.28 -7.57 -1.80	68.35 -6.34 -2.69
ORANGEVILLE___ESR 323794	86.44 -7.62 -6.45	80.70 -7.59 -3.05	78.22 -7.36 -3.77	76.60 -7.36 -2.15	75.98 -7.45 -2.46	72.25 -6.60 -5.56	79.08 -7.07 -4.93	69.18 -7.69 -4.96	57.63 -8.35 12.06	48.35 -7.81 25.15	47.48 -7.14 18.24	45.72 -7.88 21.47	53.58 -8.15 10.41	54.51 -8.08 9.56	43.67 -7.81 20.82	72.74 -8.76 -0.36	75.29 -8.76 -0.63	76.43 -8.89 2.75	89.17 -8.63 -9.72	83.30 -8.33 -4.01	81.56 -8.26 -2.01	75.00 -8.34 -2.37	72.28 -7.57 -1.80	68.35 -6.34 -2.69
OSWEGATCHIE___HYD 24044	88.08 -0.44 -0.90	85.16 -0.51 -0.42	81.68 -0.66 -0.52	81.55 -0.57 -0.30	80.83 -0.48 -0.34	73.40 -0.66 -0.77	80.77 -1.14 -0.69	71.89 -0.72 -0.69	77.70 -0.93 -0.60	80.78 -1.14 -0.62	72.65 -0.66 -0.45	74.88 -0.75 -0.57	72.15 -0.58 -0.58	72.00 -0.65 -0.50	72.07 -0.79 -0.57	80.78 -0.56 -0.21	83.30 -0.50 -0.37	87.77 -0.79 -0.49	88.44 -0.61 -0.97	87.15 -0.61 -0.15	86.94 -0.96 -0.10	80.47 -0.65 -0.15	77.58 -0.47 0.00	71.95 -0.43 -0.37
OSWEGO___5 23606	87.67 -2.45 -2.51	83.87 -2.56 -1.18	80.83 -2.45 -1.46	80.20 -2.45 -0.83	79.50 -2.43 -0.96	73.25 -2.20 -2.16	80.86 -2.27 -1.92	71.62 -2.23 -1.93	77.36 -2.34 -1.66	80.59 -2.44 -1.72	71.85 -2.26 -1.25	74.40 -2.25 -1.58	71.45 -2.31 -1.61	71.23 -2.31 -1.39	71.71 -2.17 -1.58	79.29 -2.43 -0.58	82.03 -2.42 -1.03	87.07 -2.37 -1.38	88.41 -2.37 -2.71	85.31 -2.72 -0.41	85.54 -2.55 -0.29	78.80 -2.59 -0.42	75.63 -2.42 0.00	70.89 -2.16 -1.04

OSWEGO___6 23613	87.67 -2.45 -2.51	83.87 -2.56 -1.18	80.83 -2.45 -1.46	80.20 -2.45 -0.83	79.50 -2.43 -0.96	73.25 -2.20 -2.16	80.86 -2.27 -1.92	71.62 -2.23 -1.93	77.36 -2.34 -1.66	80.59 -2.44 -1.72	71.85 -2.26 -1.25	74.40 -2.25 -1.58	71.45 -2.31 -1.61	71.23 -2.31 -1.39	71.71 -2.17 -1.58	79.29 -2.43 -0.58	82.03 -2.42 -1.03	87.07 -2.37 -1.38	88.41 -2.37 -2.71	85.31 -2.72 -0.41	85.54 -2.55 -0.29	78.80 -2.59 -0.42	75.63 -2.42 0.00	70.89 -2.16 -1.04
OUTOKUMPU-AB___DRP 24206	86.24 -6.83 -5.45	80.58 -7.25 -2.58	77.97 -7.04 -3.19	76.68 -6.95 -1.81	76.09 -6.96 -2.08	71.91 -6.08 -4.71	78.65 -6.74 -4.17	68.13 -7.98 -4.19	69.50 -7.96 0.57	69.96 -7.56 3.78	63.05 -7.07 2.74	64.53 -7.43 3.10	63.28 -7.94 0.94	63.46 -7.79 0.90	61.89 -7.45 2.95	72.63 -9.01 -0.50	74.86 -9.43 -0.86	81.16 -9.51 -2.60	86.45 -9.86 -8.23	80.48 -10.43 -3.29	80.18 -9.31 -1.68	73.32 -9.64 -1.98	71.43 -8.12 -1.50	68.01 -6.26 -2.27
OXBOW___BTM 323836	85.66 -7.36 -5.41	80.47 -7.33 -2.56	77.86 -7.12 -3.16	76.58 -7.04 -1.80	75.99 -7.04 -2.07	71.72 -6.23 -4.67	78.29 -7.07 -4.14	67.74 -8.34 -4.16	69.22 -8.35 0.46	69.58 -8.13 3.59	62.67 -7.58 2.61	64.27 -7.88 2.91	63.00 -8.29 0.85	63.11 -8.23 0.81	61.79 -7.73 2.77	71.98 -9.66 -0.50	74.20 -10.10 -0.87	80.03 -10.66 -2.63	85.76 -10.48 -8.16	80.35 -10.52 -3.25	79.46 -10.01 -1.67	73.22 -9.72 -1.97	70.87 -8.67 -1.48	67.63 -6.62 -2.25
OXBOW____ 24026	86.01 -7.01 -5.41	80.47 -7.33 -2.56	77.86 -7.12 -3.16	76.58 -7.04 -1.80	75.99 -7.04 -2.07	71.72 -6.23 -4.67	78.29 -7.07 -4.14	67.73 -8.34 -4.16	69.22 -8.35 0.46	69.58 -8.13 3.59	62.67 -7.58 2.61	64.27 -7.88 2.91	63.00 -8.30 0.85	63.11 -8.23 0.81	61.71 -7.81 2.77	72.06 -9.57 -0.50	74.28 -10.01 -0.87	80.74 -9.95 -2.63	85.76 -10.48 -8.16	79.73 -11.13 -3.25	79.46 -10.01 -1.67	72.81 -10.12 -1.97	70.87 -8.66 -1.48	67.63 -6.62 -2.25
OXY_CHEM_DSASP 323612	85.62 -7.36 -5.36	80.02 -7.76 -2.53	77.50 -7.45 -3.13	76.24 -7.36 -1.78	75.65 -7.37 -2.05	71.39 -6.52 -4.62	77.76 -7.55 -4.10	67.12 -8.92 -4.12	68.79 -8.90 0.35	69.05 -8.86 3.40	62.09 -8.31 2.47	63.86 -8.48 2.72	62.44 -8.95 0.76	62.56 -8.87 0.72	61.32 -8.39 2.58	71.33 -10.30 -0.50	73.46 -10.85 -0.87	80.06 -10.66 -2.65	84.72 -11.45 -8.09	78.73 -12.09 -3.20	78.48 -10.97 -1.65	72.07 -10.85 -1.95	70.08 -9.44 -1.47	67.11 -7.13 -2.23
OZONE_PARK_ESR 323760	130.06 7.27 -35.18	108.62 6.73 -16.64	108.60 6.22 -20.56	99.74 6.22 -11.71	100.57 6.15 -13.45	108.99 5.35 -30.36	114.46 6.33 -26.91	104.65 5.68 -27.05	108.10 6.71 -23.35	112.73 7.24 -24.19	96.96 6.56 -17.54	104.02 6.68 -22.27	101.09 6.35 -22.59	98.01 6.35 -19.51	100.70 6.22 -22.19	96.55 7.22 -8.19	104.96 7.09 -14.44	130.72 7.49 -35.16	149.55 7.57 -53.90	116.56 7.45 -21.50	105.78 7.46 -10.52	100.38 6.96 -12.45	93.70 6.48 -9.17	92.35 5.69 -14.66
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	85.62 -7.36 -5.36	80.02 -7.76 -2.53	77.50 -7.45 -3.13	76.24 -7.36 -1.78	75.65 -7.37 -2.05	71.39 -6.52 -4.62	77.76 -7.55 -4.10	67.12 -8.92 -4.12	68.79 -8.90 0.35	69.05 -8.86 3.40	62.09 -8.31 2.47	63.86 -8.48 2.72	62.44 -8.95 0.76	62.56 -8.87 0.72	61.32 -8.39 2.58	71.33 -10.30 -0.50	73.46 -10.85 -0.87	80.06 -10.66 -2.65	84.72 -11.45 -8.09	78.73 -12.09 -3.20	78.48 -10.97 -1.65	72.07 -10.85 -1.95	70.08 -9.44 -1.47	67.11 -7.13 -2.23
PACKARD__115KV_DUPONT_184 80571	85.62 -7.36 -5.36	80.02 -7.76 -2.53	77.50 -7.45 -3.13	76.24 -7.36 -1.78	75.65 -7.37 -2.05	71.39 -6.52 -4.62	77.76 -7.55 -4.10	67.12 -8.92 -4.12	68.79 -8.90 0.35	69.05 -8.86 3.40	62.09 -8.31 2.47	63.86 -8.48 2.72	62.44 -8.95 0.76	62.56 -8.87 0.72	61.32 -8.39 2.58	71.33 -10.30 -0.50	73.46 -10.85 -0.87	80.06 -10.66 -2.65	84.72 -11.45 -8.09	78.73 -12.09 -3.20	78.48 -10.97 -1.65	72.07 -10.85 -1.95	70.08 -9.44 -1.47	67.11 -7.13 -2.23
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	129.72 6.92 -35.18	108.28 6.39 -16.64	108.19 5.81 -20.56	99.25 5.73 -11.71	100.00 5.59 -13.45	108.26 4.62 -30.36	113.57 5.44 -26.91	103.93 4.96 -27.05	107.24 5.85 -23.35	111.76 6.26 -24.19	96.16 5.76 -17.54	103.12 5.78 -22.27	100.22 5.48 -22.59	97.21 5.56 -19.51	99.83 5.35 -22.19	95.74 6.41 -8.19	104.29 6.42 -14.45	129.84 6.60 -35.17	148.67 6.69 -53.90	115.69 6.57 -21.50	105.00 6.67 -10.52	99.90 6.48 -12.45	93.15 5.93 -9.17	92.06 5.40 -14.66
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	130.59 7.80 -35.18	109.04 7.16 -16.64	109.01 6.63 -20.56	100.07 6.55 -11.71	100.73 6.32 -13.45	108.92 5.28 -30.36	114.30 6.17 -26.91	104.58 5.61 -27.05	108.02 6.63 -23.35	112.49 6.99 -24.19	96.81 6.41 -17.54	103.79 6.46 -22.27	100.87 6.13 -22.59	97.79 6.13 -19.51	100.49 6.00 -22.19	96.47 7.14 -8.19	105.05 7.17 -14.45	130.63 7.40 -35.17	149.46 7.49 -53.90	116.47 7.36 -21.50	105.79 7.46 -10.52	100.63 7.21 -12.45	93.93 6.71 -9.17	92.78 6.12 -14.66
PATROON__115KV_TB1 80586	134.55 3.59 -43.34	108.90 3.15 -20.50	110.10 2.95 -25.34	99.19 2.95 -14.43	100.45 2.91 -16.57	113.40 2.71 -37.40	117.46 3.09 -33.16	107.84 2.59 -33.33	109.77 2.97 -28.77	114.28 3.17 -29.81	97.22 2.77 -21.60	105.27 2.78 -27.42	102.73 2.74 -27.83	98.93 2.74 -24.04	102.45 2.82 -27.34	94.61 3.41 -10.07	104.64 3.42 -17.80	164.04 3.43 -72.53	187.12 3.43 -95.61	146.64 3.33 -55.69	116.13 3.42 -24.91	111.51 3.16 -27.38	109.64 3.36 -28.23	93.23 3.17 -18.06
PATTRSNVILLE__SOLAR 323815	137.66 4.38 -45.67	111.19 4.35 -21.60	112.60 4.09 -26.69	101.11 4.09 -15.20	102.47 4.05 -17.46	116.43 3.74 -39.41	120.37 4.22 -34.93	110.49 3.45 -35.12	112.25 3.90 -30.32	116.61 3.90 -31.41	98.97 3.35 -22.75	107.18 3.23 -28.89	104.44 2.96 -29.33	100.43 2.96 -25.33	104.28 3.18 -28.81	95.48 3.73 -10.61	106.43 4.25 -18.75	189.99 4.75 -97.17	214.41 4.84 -121.49	171.77 4.73 -79.43	127.27 4.74 -34.74	122.58 4.21 -37.41	123.73 3.90 -41.78	94.49 3.46 -19.03
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	85.43 -8.15 -5.96	79.62 -8.44 -2.82	77.04 -8.26 -3.49	75.62 -8.18 -1.98	75.07 -8.18 -2.28	71.18 -7.26 -5.15	78.14 -7.63 -4.56	68.16 -8.34 -4.59	68.81 -8.82 0.41	71.31 -6.26 3.73	64.75 -5.39 2.71	64.65 -7.36 3.06	63.58 -7.65 0.92	63.76 -7.50 0.88	61.36 -8.02 2.91	72.46 -9.17 -0.50	74.70 -9.59 -0.86	81.33 -9.69 -2.95	87.23 -9.86 -9.02	81.27 -9.99 -3.64	80.96 -8.69 -1.85	73.35 -9.80 -2.18	71.90 -7.81 -1.65	67.50 -6.98 -2.49
PAWLING_115_KV_BK3_REV_LBMP_H 345028	129.91 6.75 -35.55	108.62 6.56 -16.82	108.65 6.05 -20.78	99.62 5.97 -11.83	100.47 5.91 -13.59	109.39 5.42 -30.68	114.58 6.17 -27.19	104.58 5.32 -27.34	107.88 6.24 -23.60	112.34 6.59 -24.45	96.62 6.05 -17.71	103.64 6.08 -22.49	100.75 5.77 -22.83	97.64 5.77 -19.71	100.36 5.64 -22.43	96.05 6.65 -8.26	104.78 6.76 -14.60	131.10 7.40 -35.64	149.96 7.31 -54.57	116.71 7.27 -21.82	105.76 7.29 -10.68	100.07 6.48 -12.62	93.31 5.93 -9.33	92.07 5.26 -14.82
PEEKSKILL____ 23653	127.96 5.52 -34.82	107.00 5.29 -16.47	107.00 4.83 -20.35	98.23 4.83 -11.59	99.05 4.78 -13.31	107.58 4.25 -30.05	112.81 4.95 -26.63	103.08 4.39 -26.77	106.30 5.15 -23.11	110.78 5.53 -23.94	95.30 5.10 -17.35	102.20 5.11 -22.03	99.34 4.83 -22.36	96.37 4.91 -19.31	99.03 4.77 -21.96	94.75 5.52 -8.09	103.31 5.59 -14.30	128.77 5.90 -34.81	147.42 5.99 -53.35	114.85 5.96 -21.28	104.19 5.97 -10.42	98.72 5.43 -12.32	92.13 5.00 -9.08	90.83 4.32 -14.51

PGE MADISON___WINDPWR 24146	105.23 6.75 -10.87	96.78 6.40 -5.14	93.81 5.64 -6.35	91.00 5.57 -3.62	90.70 5.58 -4.15	87.79 5.13 -9.38	95.62 6.09 -8.31	85.60 5.32 -8.36	91.96 5.86 -8.07	96.02 5.69 -9.02	84.35 4.96 -6.54	88.23 4.95 -8.21	86.25 4.47 -9.63	84.63 4.33 -8.15	84.75 4.26 -8.19	90.31 5.35 -3.82	97.04 6.84 -6.78	110.78 7.84 -14.88	115.70 8.19 -19.44	104.31 7.71 -8.98	99.22 7.20 -4.22	91.54 5.75 -4.82	87.40 5.15 -4.20	80.92 4.39 -4.53
PIERCEFIELD___HYD 23852	86.39 -1.23 0.00	84.22 -1.02 0.00	80.92 -0.90 0.00	81.00 -0.82 0.00	80.16 -0.81 0.00	72.19 -1.10 0.00	79.19 -2.03 0.00	70.62 -1.29 0.00	76.16 -1.87 0.00	79.19 -2.11 0.00	71.47 -1.38 0.00	73.57 -1.50 0.00	71.00 -1.15 0.00	70.92 -1.23 0.00	70.85 -1.45 0.00	79.59 -1.54 0.00	81.34 -2.09 0.00	85.34 -2.73 0.00	85.52 -2.55 0.00	85.43 -2.19 0.00	85.34 -2.46 0.00	79.51 -1.46 0.00	77.19 -0.86 0.00	71.42 -0.58 0.00
PINELAWN_CC_1 323563	144.10 7.80 -48.69	137.45 7.41 -44.79	128.34 6.87 -39.65	120.59 6.87 -31.90	120.67 6.80 -32.90	115.96 6.01 -36.67	135.49 7.06 -47.21	140.50 6.25 -62.33	146.76 7.17 -61.55	146.29 7.64 -57.35	136.79 7.00 -56.94	126.22 7.05 -44.10	119.22 6.71 -40.36	118.99 6.78 -40.06	101.60 6.72 -22.58	132.82 7.71 -43.97	149.06 7.76 -57.88	175.37 8.28 -79.03	177.86 8.28 -81.51	155.78 8.23 -59.93	146.84 8.25 -50.80	136.16 7.53 -47.66	118.39 7.10 -33.24	93.91 6.26 -15.65
PJM_GEN_HTP_PROXY 323702	129.10 6.31 -35.17	107.84 5.96 -16.64	107.86 5.48 -20.56	99.01 5.48 -11.71	99.84 5.43 -13.45	108.40 4.76 -30.35	113.72 5.60 -26.91	103.92 4.96 -27.05	107.31 5.93 -23.35	111.84 6.35 -24.19	96.21 5.83 -17.53	103.18 5.86 -22.25	100.29 5.56 -22.59	97.29 5.63 -19.51	99.97 5.49 -22.19	95.64 6.33 -8.17	104.13 6.26 -14.44	129.84 6.61 -35.16	148.58 6.61 -53.89	115.69 6.57 -21.49	104.91 6.59 -10.52	99.49 6.08 -12.45	92.91 5.69 -9.17	91.62 4.96 -14.66
PJM_GEN_KEystone 24065	47.49 -0.61 39.52	46.85 -0.77 37.62	46.87 -0.82 34.13	46.49 -0.82 34.51	46.65 -0.81 33.51	48.30 -0.73 24.25	57.70 -0.56 22.95	70.30 -1.08 0.54	58.30 -0.86 18.88	51.10 -0.24 29.96	39.51 -0.15 33.20	40.64 -0.60 33.82	36.80 -0.79 34.56	35.81 -0.79 35.55	35.08 -0.86 36.35	35.25 -0.89 45.00	47.18 -1.00 35.25	72.24 -0.97 14.86	65.33 -0.97 21.78	59.25 -0.61 27.76	52.66 -0.71 34.43	48.00 -0.89 32.08	45.26 -0.78 32.01	43.21 -0.65 28.14
PJM_GEN_NEPTUNE_PROXY 323594	136.81 6.75 -42.45	123.44 6.40 -31.80	118.63 5.97 -30.84	110.37 5.97 -22.58	110.80 5.91 -23.92	112.32 5.28 -33.75	125.15 6.09 -37.84	123.36 5.40 -46.05	128.28 6.32 -43.93	130.10 6.74 -42.05	117.73 6.12 -38.76	115.31 6.23 -34.02	110.23 5.92 -32.16	108.71 5.99 -30.58	100.54 5.85 -22.40	115.32 6.73 -27.45	128.02 6.75 -37.84	153.98 7.13 -58.79	163.97 7.13 -68.76	136.90 7.09 -42.19	127.12 7.11 -32.21	118.94 6.56 -31.42	106.27 6.09 -22.13	92.60 5.40 -15.19
PJM_GEN_VFT_PROXY 323633	65.40 5.87 28.09	46.11 5.54 44.67	46.11 5.07 40.78	46.11 5.07 40.78	46.11 5.02 39.88	48.23 4.32 29.38	55.72 5.20 30.70	63.10 4.67 13.49	46.11 5.62 37.54	46.11 6.02 41.21	46.11 5.53 32.28	46.11 5.55 34.51	45.50 5.26 31.91	44.41 5.34 33.08	43.99 5.13 33.44	42.75 5.13 44.39	41.65 5.75 47.53	47.55 5.99 46.51	17.23 6.07 76.92	17.30 6.04 76.36	45.65 6.05 48.20	43.80 5.67 42.83	46.11 5.31 37.25	46.11 4.61 30.50
PLATSBURG_115KV_PMLD1 355749	86.39 -1.23 0.00	84.22 -1.02 0.00	81.16 -0.65 0.00	81.08 -0.74 0.00	80.08 -0.89 0.00	72.33 -0.95 0.00	79.02 -2.19 0.00	70.34 -1.58 0.00	75.85 -2.18 0.00	78.95 -2.36 0.00	70.67 -2.19 0.00	72.59 -2.48 0.00	70.06 -2.09 0.00	69.99 -2.16 0.00	69.98 -2.31 0.00	78.62 -2.52 0.00	80.76 -2.67 0.00	85.16 -2.91 0.00	85.52 -2.55 0.00	85.60 -2.02 0.00	85.60 -2.19 0.00	79.59 -1.38 0.00	76.72 -1.33 0.00	71.21 -0.79 0.00
PLEASANTVLY___LBMP 24000	129.62 5.34 -36.66	107.70 5.11 -17.34	107.99 4.75 -21.43	98.77 4.75 -12.20	99.68 4.70 -14.02	109.10 4.18 -31.64	114.14 4.87 -28.05	104.36 4.24 -28.19	107.37 4.99 -24.34	111.88 5.37 -25.21	96.01 4.88 -18.27	103.22 4.95 -23.20	100.38 4.69 -23.54	97.17 4.69 -20.33	100.05 4.63 -23.13	95.01 5.35 -8.52	103.82 5.34 -15.06	130.50 5.72 -36.71	150.03 5.72 -56.23	115.69 5.61 -22.46	104.50 5.71 -10.99	99.15 5.18 -13.00	92.48 4.84 -9.59	91.53 4.25 -15.28
PLSNTVLE_13_KV_13.8KVDIST 80602	129.01 5.96 -35.43	107.54 5.54 -16.76	107.68 5.15 -20.71	98.77 5.15 -11.79	99.61 5.10 -13.55	108.48 4.62 -30.58	113.60 5.28 -27.11	103.84 4.67 -27.25	107.10 5.54 -23.52	111.61 5.94 -24.37	95.90 5.39 -17.66	102.89 5.40 -22.42	100.10 5.19 -22.76	97.00 5.19 -19.65	99.71 5.06 -22.35	95.29 5.92 -8.23	103.90 5.92 -14.55	129.82 6.34 -35.42	148.70 6.34 -54.29	115.57 6.31 -21.65	104.72 6.32 -10.60	99.26 5.75 -12.54	92.59 5.31 -9.23	91.45 4.68 -14.77
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	129.01 5.96 -35.43	107.54 5.54 -16.76	107.68 5.15 -20.71	98.77 5.15 -11.79	99.61 5.10 -13.55	108.48 4.62 -30.58	113.60 5.28 -27.11	103.84 4.67 -27.25	107.10 5.54 -23.52	111.61 5.94 -24.37	95.90 5.39 -17.66	102.89 5.40 -22.42	100.10 5.19 -22.76	97.00 5.19 -19.65	99.71 5.06 -22.35	95.29 5.92 -8.23	103.90 5.92 -14.55	129.82 6.34 -35.42	148.70 6.34 -54.29	115.57 6.31 -21.65	104.72 6.32 -10.60	99.26 5.75 -12.54	92.59 5.31 -9.23	91.45 4.68 -14.77
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	129.70 6.13 -35.95	108.13 5.88 -17.00	108.31 5.48 -21.01	99.26 5.48 -11.97	100.05 5.34 -13.74	109.15 4.84 -31.02	114.24 5.52 -27.50	104.31 4.75 -27.65	107.52 5.62 -23.87	111.96 5.94 -24.72	96.16 5.39 -17.91	103.22 5.40 -22.74	100.36 5.12 -23.09	97.21 5.12 -19.94	100.03 5.06 -22.68	95.41 5.92 -8.35	104.19 6.01 -14.76	131.03 6.52 -36.45	150.19 6.52 -55.59	116.49 6.40 -22.48	105.26 6.50 -10.96	99.65 5.75 -12.94	93.10 5.39 -9.67	91.74 4.75 -14.98
POLETTI_____ 23519	129.19 6.40 -35.18	107.85 5.97 -16.64	107.86 5.48 -20.56	99.01 5.48 -11.71	99.76 5.34 -13.45	108.33 4.69 -30.36	113.73 5.60 -26.91	103.93 4.96 -27.05	107.32 5.93 -23.35	111.84 6.34 -24.19	96.23 5.83 -17.54	103.19 5.86 -22.27	100.29 5.56 -22.59	97.28 5.63 -19.51	99.98 5.49 -22.19	95.65 6.33 -8.19	104.13 6.26 -14.44	129.64 6.43 -35.15	148.47 6.52 -53.88	115.49 6.40 -21.48	104.73 6.41 -10.52	99.41 5.99 -12.45	92.84 5.62 -9.17	91.56 4.90 -14.66
POMONA___ESR 323819	126.71 5.17 -33.93	106.23 4.94 -16.05	106.23 4.58 -19.83	97.61 4.50 -11.29	98.39 4.45 -12.97	106.52 3.95 -29.28	111.80 4.63 -25.95	102.11 4.10 -26.09	105.40 4.84 -22.52	109.84 5.21 -23.33	94.57 4.81 -16.91	101.34 4.81 -21.47	98.49 4.55 -21.79	95.59 4.62 -18.82	98.18 4.48 -21.40	94.22 5.20 -7.88	102.62 5.26 -13.93	127.52 5.55 -33.90	145.69 5.64 -51.97	113.95 5.61 -20.72	103.57 5.62 -10.15	98.08 5.10 -12.00	91.57 4.68 -8.84	90.24 4.10 -14.14
PORT_JEFF_3 23555	144.72 8.41 -48.69	138.05 8.01 -44.79	128.91 7.44 -39.65	121.16 7.44 -31.90	121.16 7.29 -32.90	116.47 6.52 -36.67	136.06 7.63 -47.21	141.08 6.84 -62.33	147.39 7.80 -61.55	146.95 8.30 -57.35	137.38 7.58 -56.94	126.82 7.66 -44.10	119.79 7.28 -40.36	119.57 7.36 -40.06	102.10 7.23 -22.58	133.30 8.19 -43.97	149.48 8.18 -57.88	175.90 8.81 -79.03	178.31 8.72 -81.51	156.14 8.59 -59.93	147.20 8.61 -50.80	136.48 7.85 -47.66	118.71 7.42 -33.24	94.35 6.70 -15.65

PORT_JEFF_4 23616	144.72 8.41 -48.69	138.05 8.01 -44.79	128.91 7.44 -39.65	121.16 7.44 -31.90	121.16 7.29 -32.90	116.47 6.52 -36.67	136.06 7.63 -47.21	141.08 6.84 -62.33	147.39 7.80 -61.55	146.95 8.30 -57.35	137.38 7.58 -56.94	126.82 7.66 -44.10	119.79 7.28 -40.36	119.57 7.36 -40.06	102.10 7.23 -22.58	133.30 8.19 -43.97	149.48 8.18 -57.88	175.90 8.81 -79.03	178.31 8.72 -81.51	156.14 8.59 -59.93	147.20 8.61 -50.80	136.48 7.85 -47.66	118.71 7.42 -33.24	94.35 6.70 -15.65
PORT_JEFF_IC 23713	144.89 8.59 -48.69	138.13 8.10 -44.79	129.00 7.53 -39.65	121.25 7.53 -31.90	121.32 7.45 -32.90	116.55 6.60 -36.67	136.14 7.72 -47.21	141.15 6.90 -62.33	147.55 7.96 -61.55	147.11 8.46 -57.35	137.45 7.65 -56.94	126.89 7.73 -44.10	119.87 7.36 -40.36	119.64 7.43 -40.06	102.25 7.37 -22.58	133.38 8.28 -43.97	149.65 8.34 -57.88	176.08 8.98 -79.03	178.57 8.98 -81.51	156.22 8.67 -59.93	147.37 8.78 -50.80	136.57 7.93 -47.66	118.86 7.57 -33.24	94.42 6.77 -15.65
PPL_PILGRIM_ST_GT1 24216	144.63 8.33 -48.69	138.05 8.01 -44.79	128.99 7.52 -39.65	121.16 7.44 -31.90	121.24 7.37 -32.90	116.55 6.60 -36.67	136.14 7.72 -47.21	141.08 6.84 -62.33	147.39 7.80 -61.55	146.95 8.30 -57.35	137.38 7.58 -56.94	126.82 7.66 -44.10	119.79 7.28 -40.36	119.57 7.36 -40.06	102.10 7.23 -22.58	133.39 8.28 -43.97	149.56 8.26 -57.88	175.82 8.72 -79.03	178.31 8.72 -81.51	156.22 8.68 -59.93	147.29 8.69 -50.80	136.65 8.02 -47.66	118.86 7.57 -33.24	94.50 6.84 -15.65
PPL_PILGRIM_ST_GT2 24217	144.63 8.33 -48.69	138.05 8.01 -44.79	128.99 7.52 -39.65	121.16 7.44 -31.90	121.24 7.37 -32.90	116.55 6.60 -36.67	136.14 7.72 -47.21	141.08 6.84 -62.33	147.39 7.80 -61.55	146.95 8.30 -57.35	137.38 7.58 -56.94	126.82 7.66 -44.10	119.79 7.28 -40.36	119.57 7.36 -40.06	102.10 7.23 -22.58	133.39 8.28 -43.97	149.56 8.26 -57.88	175.82 8.72 -79.03	178.31 8.72 -81.51	156.22 8.68 -59.93	147.29 8.69 -50.80	136.65 8.02 -47.66	118.86 7.57 -33.24	94.50 6.84 -15.65
PPL_SHRM_GT3 24213	145.15 8.85 -48.69	138.48 8.44 -44.79	129.33 7.86 -39.65	121.50 7.78 -31.90	121.57 7.70 -32.90	116.77 6.82 -36.67	136.47 8.04 -47.21	141.44 7.19 -62.33	147.85 8.27 -61.55	147.44 8.78 -57.35	137.60 7.80 -56.94	127.12 7.95 -44.10	120.01 7.50 -40.36	119.78 7.57 -40.06	102.39 7.52 -22.58	133.62 8.52 -43.97	149.98 8.68 -57.88	176.52 9.43 -79.03	178.92 9.33 -81.51	156.66 9.11 -59.93	147.64 9.05 -50.80	136.81 8.17 -47.66	119.02 7.73 -33.24	94.63 6.98 -15.65
PPL_SHRM_GT4 24214	145.15 8.85 -48.69	138.48 8.44 -44.79	129.33 7.86 -39.65	121.50 7.78 -31.90	121.57 7.70 -32.90	116.77 6.82 -36.67	136.47 8.04 -47.21	141.44 7.19 -62.33	147.85 8.27 -61.55	147.44 8.78 -57.35	137.60 7.80 -56.94	127.12 7.95 -44.10	120.01 7.50 -40.36	119.78 7.57 -40.06	102.39 7.52 -22.58	133.62 8.52 -43.97	149.98 8.68 -57.88	176.52 9.43 -79.03	178.92 9.33 -81.51	156.66 9.11 -59.93	147.64 9.05 -50.80	136.81 8.17 -47.66	119.02 7.73 -33.24	94.63 6.98 -15.65
PROJECT___ORANGE 1 24174	89.45 -1.31 -3.15	85.20 -1.53 -1.49	82.18 -1.47 -1.84	81.39 -1.47 -1.05	80.63 -1.54 -1.20	74.61 -1.39 -2.72	82.32 -1.30 -2.41	72.97 -1.37 -2.42	78.72 -1.40 -2.09	82.17 -1.30 -2.16	73.19 -1.24 -1.57	75.78 -1.28 -1.99	72.73 -1.44 -2.02	72.52 -1.37 -1.75	73.05 -1.23 -1.99	80.49 -1.38 -0.73	83.47 -1.25 -1.29	88.65 -1.14 -1.73	90.34 -1.14 -3.41	86.72 -1.40 -0.51	86.84 -1.32 -0.36	79.96 -1.54 -0.53	76.57 -1.48 0.00	71.94 -1.37 -1.31
PROJECT___ORANGE 2 24166	89.45 -1.31 -3.15	85.20 -1.53 -1.49	82.18 -1.47 -1.84	81.39 -1.47 -1.05	80.63 -1.54 -1.20	74.61 -1.39 -2.72	82.32 -1.30 -2.41	72.97 -1.37 -2.42	78.72 -1.40 -2.09	82.17 -1.30 -2.16	73.19 -1.24 -1.57	75.78 -1.28 -1.99	72.73 -1.44 -2.02	72.52 -1.37 -1.75	73.05 -1.23 -1.99	80.49 -1.38 -0.73	83.47 -1.25 -1.29	88.65 -1.14 -1.73	90.34 -1.14 -3.41	86.72 -1.40 -0.51	86.84 -1.32 -0.36	79.96 -1.54 -0.53	76.57 -1.48 0.00	71.94 -1.37 -1.31
PUCKETT___SOLAR 323809	100.70 1.49 -11.60	92.01 1.28 -5.49	89.74 1.14 -6.78	86.82 1.14 -3.86	86.53 1.13 -4.43	84.32 1.03 -10.01	91.55 1.46 -8.87	81.84 1.01 -8.92	86.82 1.09 -7.70	90.75 1.47 -7.98	79.80 1.16 -5.78	83.38 0.97 -7.34	80.25 0.65 -7.45	79.30 0.72 -6.43	80.33 0.72 -7.32	84.81 0.98 -2.69	89.61 1.42 -4.76	103.12 1.94 -13.12	109.42 2.03 -19.32	98.24 2.02 -8.60	93.75 1.85 -4.10	86.93 1.22 -4.74	82.98 1.01 -3.92	77.70 0.87 -4.83
PYRITES___HYD 24023	87.70 0.09 0.00	85.50 0.26 0.00	82.06 0.25 0.00	82.14 0.33 0.00	81.37 0.40 0.00	73.36 0.07 0.00	80.57 -0.65 0.00	71.92 0.00 0.00	77.56 -0.47 0.00	80.49 -0.81 0.00	72.57 -0.29 0.00	74.69 -0.38 0.00	72.08 -0.07 0.00	72.08 -0.07 0.00	71.93 -0.36 0.00	80.97 -0.16 0.00	83.09 -0.33 0.00	87.19 -0.88 0.00	87.37 -0.70 0.00	87.27 -0.35 0.00	87.10 -0.70 0.00	80.97 0.00 0.00	78.44 0.39 0.00	72.43 0.43 0.00
QUAKERRD_115KV_BK1 80622	87.29 -4.47 -4.14	82.43 -4.77 -1.96	79.66 -4.58 -2.42	78.61 -4.58 -1.38	78.10 -4.45 -1.58	72.83 -4.03 -3.58	80.16 -4.22 -3.17	70.57 -4.53 -3.19	75.79 -4.99 -2.75	78.71 -5.45 -2.85	69.82 -5.10 -2.06	72.81 -4.88 -2.62	69.04 -5.12 -2.01	68.83 -5.12 -1.80	70.20 -4.70 -2.60	76.56 -5.11 -0.54	79.19 -5.17 -0.94	84.67 -5.28 -1.89	87.40 -5.02 -4.35	82.62 -5.70 -0.69	82.92 -5.36 -0.48	76.24 -5.42 -0.70	73.06 -5.00 0.00	69.62 -4.10 -1.73
QUENSBRY_115KV_TB8 356137	140.29 8.24 -44.44	114.28 8.01 -21.02	115.24 7.45 -25.98	104.13 7.53 -14.79	105.49 7.53 -16.99	118.60 6.96 -38.35	123.09 7.88 -33.99	112.56 6.47 -34.17	114.95 7.41 -29.50	119.83 7.97 -30.56	101.99 6.99 -22.14	109.71 6.53 -28.12	106.68 5.99 -28.54	102.78 5.99 -24.64	106.54 6.22 -28.03	98.60 7.14 -10.33	109.43 7.76 -18.25	189.59 8.54 -92.98	213.35 8.63 -116.64	171.83 8.50 -75.71	129.47 8.52 -33.15	124.41 7.69 -35.75	125.05 7.26 -39.74	97.00 6.48 -18.52
RAMAPO___LBMP 323565	126.43 4.99 -33.82	105.93 4.69 -16.00	105.92 4.34 -19.77	97.41 4.34 -11.26	98.19 4.29 -12.93	106.28 3.81 -29.18	111.55 4.47 -25.87	101.81 3.88 -26.01	105.17 4.68 -22.45	109.52 4.96 -23.26	94.30 4.59 -16.85	101.04 4.58 -21.40	98.27 4.40 -21.72	95.31 4.40 -18.75	97.89 4.27 -21.33	94.02 5.03 -7.86	102.32 5.01 -13.89	127.14 5.28 -33.79	145.25 5.37 -51.80	113.52 5.26 -20.65	103.26 5.36 -10.11	97.79 4.86 -11.96	91.31 4.45 -8.81	89.98 3.89 -14.09
RANKINE____ 23646	86.23 -7.18 -5.80	80.40 -7.59 -2.74	77.84 -7.36 -3.39	76.47 -7.28 -1.93	75.82 -7.37 -2.22	71.84 -6.45 -5.01	78.75 -6.90 -4.44	68.54 -7.84 -4.46	68.42 -8.35 1.26	68.77 -7.32 5.22	62.44 -6.63 3.79	63.16 -7.58 4.33	62.63 -7.94 1.58	62.87 -7.79 1.49	60.41 -7.74 4.14	72.86 -8.76 -0.48	75.09 -9.18 -0.84	80.98 -9.51 -2.42	87.42 -9.42 -8.76	81.33 -9.81 -3.53	80.82 -8.78 -1.80	73.69 -9.39 -2.12	71.93 -7.73 -1.60	68.08 -6.34 -2.42
RAVENSWOOD_GT2_1 24244	129.28 6.48 -35.18	107.93 6.05 -16.64	107.94 5.56 -20.56	99.17 5.65 -11.71	99.92 5.51 -13.45	108.48 4.84 -30.36	113.81 5.69 -26.91	104.08 5.11 -27.05	107.47 6.09 -23.35	112.00 6.50 -24.19	96.30 5.90 -17.54	103.34 6.01 -22.27	100.44 5.70 -22.59	97.43 5.77 -19.51	100.05 5.57 -22.19	95.82 6.49 -8.19	104.29 6.42 -14.45	129.93 6.69 -35.17	148.76 6.78 -53.90	115.77 6.66 -21.50	105.08 6.76 -10.52	99.65 6.23 -12.45	93.08 5.85 -9.17	91.77 5.11 -14.66

RAVENSWOOD_GT2_2 24245	129.28 6.48 -35.18	107.93 6.05 -16.64	107.94 5.56 -20.56	99.17 5.65 -11.71	99.92 5.51 -13.45	108.48 4.84 -30.36	113.81 5.69 -26.91	104.08 5.11 -27.05	107.47 6.09 -23.35	112.00 6.50 -24.19	96.30 5.90 -17.54	103.34 6.01 -22.27	100.44 5.70 -22.59	97.43 5.77 -19.51	100.05 5.57 -22.19	95.82 6.49 -8.19	104.29 6.42 -14.45	129.93 6.69 -35.17	148.76 6.78 -53.90	115.77 6.66 -21.50	105.08 6.76 -10.52	99.65 6.23 -12.45	93.08 5.85 -9.17	91.77 5.11 -14.66
RAVENSWOOD_GT2_3 24246	129.37 6.57 -35.18	108.02 6.14 -16.64	108.03 5.65 -20.56	99.17 5.65 -11.71	99.92 5.51 -13.45	108.48 4.84 -30.36	113.89 5.77 -26.91	104.08 5.11 -27.05	107.47 6.09 -23.35	112.00 6.50 -24.19	96.38 5.97 -17.54	103.34 6.01 -22.27	100.44 5.70 -22.59	97.43 5.77 -19.51	100.12 5.64 -22.19	95.90 6.57 -8.19	104.29 6.42 -14.45	130.01 6.78 -35.17	148.85 6.87 -53.90	115.86 6.75 -21.50	105.08 6.76 -10.52	99.74 6.32 -12.45	93.08 5.85 -9.17	91.85 5.18 -14.66
RAVENSWOOD_GT2_4 24247	129.37 6.57 -35.18	108.02 6.14 -16.64	108.03 5.65 -20.56	99.17 5.65 -11.71	99.92 5.51 -13.45	108.48 4.84 -30.36	113.89 5.77 -26.91	104.08 5.11 -27.05	107.47 6.09 -23.35	112.00 6.50 -24.19	96.38 5.97 -17.54	103.34 6.01 -22.27	100.44 5.70 -22.59	97.43 5.77 -19.51	100.12 5.64 -22.19	95.90 6.57 -8.19	104.29 6.42 -14.45	130.01 6.78 -35.17	148.85 6.87 -53.90	115.86 6.75 -21.50	105.08 6.76 -10.52	99.74 6.32 -12.45	93.08 5.85 -9.17	91.85 5.18 -14.66
RAVENSWOOD_GT3_1 24248	129.28 6.48 -35.18	107.93 6.05 -16.64	108.03 5.65 -20.56	99.17 5.65 -11.71	99.92 5.51 -13.45	108.48 4.84 -30.36	113.81 5.69 -26.91	104.08 5.11 -27.05	107.47 6.09 -23.35	112.00 6.50 -24.19	96.30 5.90 -17.54	103.34 6.01 -22.27	100.44 5.70 -22.59	97.43 5.77 -19.51	100.05 5.57 -22.19	95.82 6.49 -8.19	104.29 6.42 -14.45	129.93 6.69 -35.17	148.76 6.78 -53.90	115.77 6.66 -21.50	105.08 6.76 -10.52	99.74 6.32 -12.45	93.08 5.85 -9.17	91.77 5.11 -14.66
RAVENSWOOD_GT3_2 24249	129.28 6.48 -35.18	107.93 6.05 -16.64	108.03 5.65 -20.56	99.17 5.65 -11.71	99.92 5.51 -13.45	108.48 4.84 -30.36	113.81 5.69 -26.91	104.08 5.11 -27.05	107.47 6.09 -23.35	112.00 6.50 -24.19	96.30 5.90 -17.54	103.34 6.01 -22.27	100.44 5.70 -22.59	97.43 5.77 -19.51	100.05 5.57 -22.19	95.82 6.49 -8.19	104.29 6.42 -14.45	129.93 6.69 -35.17	148.76 6.78 -53.90	115.77 6.66 -21.50	105.08 6.76 -10.52	99.74 6.32 -12.45	93.08 5.85 -9.17	91.77 5.11 -14.66
RAVENSWOOD_GT3_3 24250	129.45 6.66 -35.18	108.10 6.22 -16.64	108.11 5.73 -20.56	99.25 5.73 -11.71	100.00 5.59 -13.45	108.55 4.91 -30.36	113.89 5.77 -26.91	104.15 5.18 -27.05	107.55 6.16 -23.35	112.08 6.59 -24.19	96.45 6.05 -17.54	103.42 6.08 -22.27	100.51 5.77 -22.59	97.50 5.84 -19.51	100.20 5.71 -22.19	95.98 6.65 -8.19	104.38 6.51 -14.45	130.10 6.87 -35.17	148.93 6.96 -53.90	115.95 6.83 -21.50	105.17 6.85 -10.52	99.82 6.40 -12.45	93.15 5.93 -9.17	91.85 5.18 -14.66
RAVENSWOOD_GT3_4 24251	129.45 6.66 -35.18	108.10 6.22 -16.64	108.11 5.73 -20.56	99.25 5.73 -11.71	100.00 5.59 -13.45	108.55 4.91 -30.36	113.89 5.77 -26.91	104.15 5.18 -27.05	107.55 6.16 -23.35	112.08 6.59 -24.19	96.45 6.05 -17.54	103.42 6.08 -22.27	100.51 5.77 -22.59	97.50 5.84 -19.51	100.20 5.71 -22.19	95.98 6.65 -8.19	104.38 6.51 -14.45	130.10 6.87 -35.17	148.93 6.96 -53.90	115.95 6.83 -21.50	105.17 6.85 -10.52	99.82 6.40 -12.45	93.15 5.93 -9.17	91.85 5.18 -14.66
RAVENSWOOD_GT_1 23729	129.64 6.83 -35.19	110.56 6.31 -19.01	110.55 5.81 -22.92	99.34 5.81 -11.72	100.09 5.67 -13.46	108.49 4.84 -30.37	114.91 5.77 -27.93	104.28 5.25 -27.11	110.35 6.24 -26.07	115.22 6.67 -27.25	99.30 6.12 -20.33	106.93 6.16 -25.71	103.72 5.84 -25.73	100.59 5.92 -22.53	103.56 5.78 -25.49	99.58 6.73 -11.71	108.30 6.76 -18.12	134.37 7.05 -39.26	157.44 7.13 -62.23	124.04 7.01 -29.41	108.68 7.11 -13.77	103.45 6.64 -15.84	96.08 6.09 -11.94	94.83 5.40 -17.43
RAVENSWOOD_GT_10 24258	129.28 6.48 -35.18	107.93 6.05 -16.64	107.94 5.56 -20.56	99.17 5.65 -11.71	99.92 5.51 -13.45	108.48 4.84 -30.36	113.81 5.69 -26.91	104.08 5.11 -27.05	107.47 6.09 -23.35	112.00 6.50 -24.19	96.30 5.90 -17.54	103.34 6.01 -22.27	100.44 5.70 -22.59	97.43 5.77 -19.51	100.05 5.57 -22.19	95.82 6.49 -8.19	104.29 6.42 -14.45	129.93 6.69 -35.17	148.76 6.78 -53.90	115.77 6.66 -21.50	105.08 6.76 -10.52	99.65 6.23 -12.45	93.08 5.85 -9.17	91.77 5.11 -14.66
RAVENSWOOD_GT_11 24259	129.28 6.48 -35.18	107.93 6.05 -16.64	107.94 5.56 -20.56	99.17 5.65 -11.71	99.92 5.51 -13.45	108.48 4.84 -30.36	113.81 5.69 -26.91	104.08 5.11 -27.05	107.47 6.09 -23.35	112.00 6.50 -24.19	96.30 5.90 -17.54	103.34 6.01 -22.27	100.44 5.70 -22.59	97.43 5.77 -19.51	100.05 5.57 -22.19	95.82 6.49 -8.19	104.29 6.42 -14.45	129.93 6.69 -35.17	148.76 6.78 -53.90	115.77 6.66 -21.50	105.08 6.76 -10.52	99.65 6.23 -12.45	93.08 5.85 -9.17	91.77 5.11 -14.66
RAVENSWOOD_GT_4 24252	129.28 6.48 -35.18	109.74 6.05 -18.45	109.74 5.56 -22.36	99.10 5.56 -11.71	99.93 5.51 -13.45	108.49 4.84 -30.36	114.59 5.69 -27.69	104.12 5.11 -27.10	109.46 6.01 -25.42	114.33 6.50 -26.52	98.42 5.90 -19.66	105.96 6.01 -24.89	102.83 5.70 -24.98	99.66 5.70 -21.81	102.56 5.57 -24.70	98.49 6.49 -10.87	107.01 6.34 -17.24	133.05 6.69 -38.29	155.02 6.69 -60.25	121.80 6.66 -27.53	107.47 6.67 -13.00	102.24 6.23 -15.04	95.11 5.78 -11.28	93.88 5.11 -16.77
RAVENSWOOD_GT_5 24254	129.28 6.48 -35.18	109.74 6.05 -18.45	109.74 5.56 -22.36	99.10 5.56 -11.71	99.93 5.51 -13.45	108.49 4.84 -30.36	114.59 5.69 -27.69	104.12 5.11 -27.10	109.46 6.01 -25.42	114.33 6.50 -26.52	98.42 5.90 -19.66	105.96 6.01 -24.89	102.83 5.70 -24.98	99.66 5.70 -21.81	102.56 5.57 -24.70	98.49 6.49 -10.87	107.01 6.34 -17.24	133.05 6.69 -38.29	155.02 6.69 -60.25	121.80 6.66 -27.53	107.47 6.67 -13.00	102.24 6.23 -15.04	95.11 5.78 -11.28	93.88 5.11 -16.77
RAVENSWOOD_GT_6 24253	129.28 6.48 -35.18	109.74 6.05 -18.45	109.74 5.56 -22.36	99.10 5.56 -11.71	99.93 5.51 -13.45	108.49 4.84 -30.36	114.59 5.69 -27.69	104.12 5.11 -27.10	109.46 6.01 -25.42	114.33 6.50 -26.52	98.42 5.90 -19.66	105.96 6.01 -24.89	102.83 5.70 -24.98	99.66 5.70 -21.81	102.56 5.57 -24.70	98.49 6.49 -10.87	107.01 6.34 -17.24	133.05 6.69 -38.29	155.02 6.69 -60.25	121.80 6.66 -27.53	107.47 6.67 -13.00	102.24 6.23 -15.04	95.11 5.78 -11.28	93.88 5.11 -16.77
RAVENSWOOD_GT_7 24255	129.28 6.48 -35.18	109.74 6.05 -18.45	109.74 5.56 -22.36	99.10 5.56 -11.71	99.93 5.51 -13.45	108.49 4.84 -30.36	114.59 5.69 -27.69	104.12 5.11 -27.10	109.46 6.01 -25.42	114.33 6.50 -26.52	98.42 5.90 -19.66	105.96 6.01 -24.89	102.83 5.70 -24.98	99.66 5.70 -21.81	102.56 5.57 -24.70	98.49 6.49 -10.87	107.01 6.34 -17.24	133.05 6.69 -38.29	155.02 6.69 -60.25	121.80 6.66 -27.53	107.47 6.67 -13.00	102.24 6.23 -15.04	95.11 5.78 -11.28	93.88 5.11 -16.77
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	129.28 6.48 -35.18	107.93 6.05 -16.64	107.94 5.56 -20.56	99.17 5.65 -11.71	99.92 5.51 -13.45	108.48 4.84 -30.36	113.81 5.69 -26.91	104.08 5.11 -27.05	107.47 6.09 -23.35	112.00 6.50 -24.19	96.30 5.90 -17.54	103.34 6.01 -22.27	100.44 5.70 -22.59	97.43 5.77 -19.51	100.05 5.57 -22.19	95.82 6.49 -8.19	104.29 6.42 -14.45	129.93 6.69 -35.17	148.76 6.78 -53.90	115.77 6.66 -21.50	105.08 6.76 -10.52	99.65 6.23 -12.45	93.08 5.85 -9.17	91.77 5.11 -14.66

RAVENSWOOD_GT_9 24257	129.28 6.48 -35.18	107.93 6.05 -16.64	107.94 5.56 -20.56	99.17 5.65 -11.71	99.92 5.51 -13.45	108.48 4.84 -30.36	113.81 5.69 -26.91	104.08 5.11 -27.05	107.47 6.09 -23.35	112.00 6.50 -24.19	96.30 5.90 -17.54	103.34 6.01 -22.27	100.44 5.70 -22.59	97.43 5.77 -19.51	100.05 5.57 -22.19	95.82 6.49 -8.19	104.29 6.42 -14.45	129.93 6.69 -35.17	148.76 6.78 -53.90	115.77 6.66 -21.50	105.08 6.76 -10.52	99.65 6.23 -12.45	93.08 5.85 -9.17	91.77 5.11 -14.66
RAVENSWOOD___1 23533	129.54 6.75 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.34 5.81 -11.71	100.00 5.58 -13.45	108.48 4.84 -30.36	113.89 5.77 -26.91	104.15 5.18 -27.05	107.63 6.24 -23.35	112.16 6.67 -24.19	96.52 6.12 -17.54	103.50 6.16 -22.27	100.58 5.84 -22.59	97.58 5.92 -19.51	100.19 5.71 -22.19	96.06 6.73 -8.19	104.55 6.68 -14.45	130.19 6.96 -35.17	149.11 7.13 -53.90	116.13 7.01 -21.50	105.35 7.03 -10.52	99.98 6.56 -12.45	93.31 6.09 -9.17	91.99 5.33 -14.66
RAVENSWOOD___2 23534	129.54 6.75 -35.18	108.19 6.31 -16.64	108.19 5.81 -20.56	99.34 5.81 -11.71	100.00 5.58 -13.45	108.48 4.84 -30.36	113.89 5.77 -26.91	104.15 5.18 -27.05	107.63 6.24 -23.35	112.16 6.67 -24.19	96.45 6.04 -17.54	103.50 6.16 -22.27	100.51 5.77 -22.59	97.50 5.84 -19.51	100.19 5.71 -22.19	95.98 6.65 -8.19	104.55 6.68 -14.45	130.19 6.96 -35.17	149.03 7.05 -53.90	116.13 7.01 -21.50	105.35 7.03 -10.52	99.98 6.56 -12.45	93.31 6.09 -9.17	91.99 5.33 -14.66
RAVENSWOOD___3 23535	129.28 6.48 -35.18	107.94 6.05 -16.64	108.02 5.64 -20.56	99.17 5.64 -11.71	99.92 5.51 -13.45	108.48 4.84 -30.36	113.81 5.68 -26.91	104.08 5.11 -27.05	107.48 6.09 -23.35	112.00 6.51 -24.19	96.38 5.98 -17.54	103.35 6.01 -22.27	100.44 5.70 -22.59	97.43 5.77 -19.51	100.13 5.64 -22.19	95.82 6.49 -8.19	104.30 6.42 -14.45	129.92 6.69 -35.17	148.76 6.78 -53.90	115.86 6.75 -21.50	105.08 6.76 -10.52	99.74 6.32 -12.45	93.08 5.86 -9.17	91.77 5.11 -14.66
RAVENSWOOD___4 23820	129.44 6.66 -35.17	105.85 6.31 -14.30	105.86 5.81 -18.24	99.24 5.73 -11.70	99.99 5.58 -13.44	108.47 4.84 -30.35	112.89 5.77 -25.91	104.09 5.18 -26.99	104.96 6.24 -20.68	109.15 6.67 -21.18	93.71 6.04 -14.81	100.03 6.08 -18.89	97.43 5.77 -19.50	94.53 5.84 -16.54	96.95 5.71 -18.95	92.52 6.65 -4.73	100.84 6.59 -10.83	126.15 6.96 -31.13	140.82 7.05 -45.69	108.33 7.01 -13.70	102.15 7.03 -7.32	96.64 6.56 -9.11	90.58 6.09 -6.44	89.26 5.33 -11.93
RCPI_TRUST___DRP 24196	129.27 6.48 -35.17	107.93 6.05 -16.64	107.94 5.56 -20.56	99.17 5.65 -11.71	100.00 5.59 -13.45	108.48 4.84 -30.35	113.89 5.77 -26.91	104.07 5.11 -27.05	107.47 6.09 -23.35	112.00 6.50 -24.19	96.29 5.90 -17.53	103.33 6.01 -22.25	100.44 5.70 -22.59	97.36 5.70 -19.51	100.05 5.57 -22.19	95.80 6.49 -8.17	104.29 6.42 -14.44	129.92 6.69 -35.16	148.75 6.78 -53.89	115.77 6.66 -21.49	105.08 6.76 -10.52	99.65 6.23 -12.45	93.00 5.78 -9.17	91.77 5.11 -14.66
RED___ROCHESTER 323720	88.91 -2.98 -4.28	84.11 -3.15 -2.02	81.29 -3.03 -2.50	80.22 -3.03 -1.42	79.69 -2.91 -1.64	74.34 -2.64 -3.69	81.81 -2.68 -3.27	71.83 -3.38 -3.29	77.28 -3.59 -2.84	80.26 -3.98 -2.94	71.12 -3.86 -2.13	74.25 -3.53 -2.71	70.27 -3.90 -2.02	70.07 -3.90 -1.82	71.51 -3.47 -2.69	77.84 -3.81 -0.52	80.58 -3.75 -0.91	86.54 -3.44 -1.91	89.29 -3.26 -4.48	83.43 -4.90 -0.71	84.52 -3.77 -0.49	77.24 -4.45 -0.72	74.46 -3.59 0.00	71.12 -2.66 -1.78
REGAN___SOLAR 323812	142.57 7.36 -47.59	114.99 7.24 -22.51	116.35 6.71 -27.82	104.44 6.79 -15.84	105.88 6.72 -18.19	120.58 6.23 -41.07	124.68 7.06 -36.41	114.27 5.76 -36.60	116.03 6.40 -31.59	120.38 6.35 -32.73	101.96 5.39 -23.71	110.21 5.03 -30.11	107.26 4.55 -30.56	103.09 4.55 -26.39	107.23 4.92 -30.02	98.28 6.09 -11.06	109.98 7.01 -19.54	189.94 8.01 -93.86	215.38 8.10 -119.20	171.04 8.06 -75.37	128.96 7.99 -33.17	124.02 7.13 -35.93	123.85 6.56 -39.25	97.45 5.62 -19.83
RENSSELAER___COGEN 23796	133.66 3.15 -42.90	108.26 2.73 -20.29	109.51 2.62 -25.07	98.71 2.62 -14.28	99.96 2.59 -16.40	112.65 2.34 -37.02	116.71 2.68 -32.81	107.14 2.23 -32.99	109.01 2.50 -28.48	113.48 2.68 -29.50	96.63 2.40 -21.37	104.61 2.40 -27.14	102.07 2.38 -27.55	98.25 2.31 -23.79	101.74 2.38 -27.06	94.11 3.00 -9.97	103.96 2.92 -17.62	155.72 2.90 -64.75	178.57 2.90 -87.59	138.51 2.80 -48.09	112.47 2.89 -21.78	107.84 2.67 -24.20	104.88 2.97 -23.86	92.76 2.88 -17.88
REPUBLIC_115KV_BARTNBRK 55605	143.75 11.74 -44.39	117.66 11.42 -21.00	118.49 10.72 -25.95	107.39 10.80 -14.78	108.79 10.85 -16.97	121.64 10.04 -38.31	126.55 11.37 -33.96	115.34 9.28 -34.14	118.12 10.61 -29.47	123.22 11.38 -30.53	104.89 9.91 -22.12	112.46 9.31 -28.09	109.17 8.51 -28.51	105.21 8.44 -24.62	109.12 8.82 -28.01	101.84 10.39 -10.31	112.92 11.26 -18.23	193.05 12.51 -92.48	216.88 12.68 -116.12	175.20 12.35 -75.23	133.22 12.47 -32.96	127.52 11.01 -35.55	127.90 10.38 -39.46	99.72 9.22 -18.50
REVERE_CPPI_DRP 24186	92.47 3.15 -1.70	88.95 2.90 -0.81	85.35 2.54 -1.00	85.00 2.62 -0.57	84.29 2.67 -0.65	77.17 2.42 -1.47	85.44 2.92 -1.30	75.75 2.52 -1.31	82.05 2.89 -1.13	85.40 2.93 -1.17	76.40 2.70 -0.85	78.92 2.78 -1.08	75.84 2.60 -1.09	75.69 2.60 -0.94	75.97 2.60 -1.07	84.70 3.16 -0.40	87.80 3.67 -0.70	92.97 3.96 -0.94	93.97 4.05 -1.84	91.48 3.59 -0.28	91.51 3.51 -0.20	84.01 2.75 -0.29	80.55 2.50 0.00	74.80 2.09 -0.71
REYNOLDS_115KV_TB3 80639	134.54 3.94 -42.98	109.24 3.67 -20.33	110.38 3.44 -25.12	99.56 3.44 -14.30	100.80 3.40 -16.43	113.53 3.15 -37.09	117.67 3.57 -32.88	107.99 3.02 -33.05	110.00 3.43 -28.53	114.52 3.66 -29.56	97.55 3.28 -21.42	105.56 3.30 -27.19	102.93 3.17 -27.60	99.16 3.17 -23.84	102.66 3.25 -27.11	94.94 3.81 -9.99	104.91 3.84 -17.65	160.47 3.96 -68.44	183.36 3.96 -91.32	143.21 3.86 -51.74	115.03 3.95 -23.28	110.25 3.56 -25.71	107.69 3.67 -25.97	93.30 3.38 -17.91
RIVERBAY____ 323610	130.59 7.80 -35.18	109.04 7.16 -16.64	109.01 6.63 -20.56	100.07 6.55 -11.71	100.73 6.32 -13.45	108.92 5.28 -30.36	114.30 6.17 -26.91	104.58 5.61 -27.05	108.02 6.63 -23.35	112.49 6.99 -24.19	96.81 6.41 -17.54	103.79 6.46 -22.27	100.87 6.13 -22.59	97.79 6.13 -19.51	100.49 6.00 -22.19	96.47 7.14 -8.19	105.05 7.17 -14.45	130.63 7.40 -35.17	149.46 7.49 -53.90	116.47 7.36 -21.50	105.79 7.46 -10.52	100.63 7.21 -12.45	93.93 6.71 -9.17	92.78 6.12 -14.66
RIVERSIDE_115KV_TB3 55908	134.29 3.59 -43.08	108.86 3.24 -20.38	110.03 3.03 -25.18	99.18 3.03 -14.34	100.43 3.00 -16.47	113.25 2.78 -37.18	117.34 3.17 -32.95	107.71 2.66 -33.13	109.68 3.04 -28.60	114.18 3.25 -29.63	97.24 2.91 -21.47	105.25 2.93 -27.25	102.63 2.81 -27.66	98.85 2.81 -23.89	102.36 2.89 -27.18	94.63 3.49 -10.01	104.54 3.42 -17.69	160.50 3.52 -68.91	183.45 3.52 -91.85	143.21 3.42 -52.17	114.77 3.51 -23.46	110.11 3.24 -25.90	107.62 3.36 -26.22	93.19 3.24 -17.95
ROARING___BROOK_WT_PWR 323790	85.16 -2.45 0.00	82.86 -2.39 0.00	79.61 -2.21 0.00	79.61 -2.21 0.00	78.79 -2.18 0.00	71.38 -1.91 0.00	79.03 -2.19 0.00	70.27 -1.65 0.00	76.08 -1.95 0.00	79.19 -2.11 0.00	70.96 -1.89 0.00	73.11 -1.95 0.00	70.35 -1.80 0.00	70.27 -1.88 0.00	70.34 -1.95 0.00	79.03 -2.11 0.00	81.26 -2.17 0.00	85.87 -2.20 0.00	86.14 -1.94 0.00	85.87 -1.75 0.00	85.87 -1.93 0.00	79.26 -1.70 0.00	76.33 -1.72 0.00	70.42 -1.58 0.00

ROCHESRG_115KV_T4 355643	88.27 -3.59 -4.25	83.33 -3.92 -2.01	80.54 -3.76 -2.48	79.47 -3.76 -1.41	78.87 -3.72 -1.62	73.65 -3.30 -3.66	81.05 -3.41 -3.25	71.08 -4.10 -3.26	75.75 -4.45 -2.16	78.15 -4.88 -1.73	69.44 -4.66 -1.25	72.37 -4.35 -1.66	68.88 -4.76 -1.49	68.79 -4.69 -1.33	69.69 -4.27 -1.67	77.03 -4.62 -0.52	79.58 -4.76 -0.91	84.89 -4.76 -1.58	87.94 -4.58 -4.44	83.07 -5.26 -0.71	83.46 -4.83 -0.49	76.74 -4.94 -0.72	73.60 -4.45 0.00	70.39 -3.38 -1.77
ROCHESTER_9_IC 23652	88.83 -3.07 -4.28	83.69 -3.58 -2.02	80.96 -3.35 -2.50	79.89 -3.35 -1.42	79.36 -3.24 -1.64	73.97 -3.00 -3.69	81.48 -3.00 -3.27	71.54 -3.67 -3.29	76.89 -3.98 -2.84	79.86 -4.39 -2.94	70.76 -4.23 -2.13	73.87 -3.90 -2.71	69.84 -4.33 -2.02	69.64 -4.33 -1.82	71.15 -3.83 -2.69	77.52 -4.14 -0.52	80.16 -4.17 -0.91	85.84 -4.14 -1.91	88.68 -3.88 -4.48	83.69 -4.64 -0.71	83.99 -4.30 -0.49	77.15 -4.53 -0.72	74.07 -3.98 0.00	70.76 -3.02 -1.78
ROCKVIEW_13_KV_LD 356306	129.02 6.22 -35.18	107.76 5.88 -16.64	107.86 5.48 -20.56	99.01 5.48 -11.71	99.76 5.34 -13.45	108.48 4.84 -30.36	113.73 5.60 -26.91	103.93 4.96 -27.05	107.24 5.85 -23.35	111.76 6.26 -24.19	96.14 5.76 -17.53	103.10 5.78 -22.26	100.22 5.48 -22.59	97.21 5.56 -19.51	99.91 5.42 -22.19	95.64 6.33 -8.17	104.21 6.34 -14.45	129.93 6.69 -35.17	148.76 6.78 -53.90	115.77 6.66 -21.50	105.08 6.76 -10.52	99.57 6.15 -12.45	92.84 5.62 -9.17	91.56 4.90 -14.66
ROME____115KV_TB2 80656	92.47 3.15 -1.70	88.95 2.90 -0.81	85.35 2.54 -1.00	85.00 2.62 -0.57	84.29 2.67 -0.65	77.17 2.42 -1.47	85.44 2.92 -1.30	75.75 2.52 -1.31	82.05 2.89 -1.13	85.40 2.93 -1.17	76.40 2.70 -0.85	78.92 2.78 -1.08	75.84 2.60 -1.09	75.69 2.60 -0.94	75.97 2.60 -1.07	84.70 3.16 -0.40	87.80 3.67 -0.70	92.97 3.96 -0.94	93.97 4.05 -1.84	91.48 3.59 -0.28	91.51 3.51 -0.20	84.01 2.75 -0.29	80.55 2.50 0.00	74.80 2.09 -0.71
ROSETON___1 23587	127.86 5.08 -35.16	106.73 4.86 -16.63	106.87 4.50 -20.55	98.02 4.50 -11.70	98.86 4.45 -13.44	107.58 3.95 -30.34	112.74 4.63 -26.90	102.98 4.03 -27.04	106.13 4.76 -23.34	110.61 5.13 -24.18	95.04 4.67 -17.52	102.04 4.73 -22.24	99.20 4.47 -22.58	96.12 4.47 -19.50	98.88 4.41 -22.18	94.34 5.03 -8.17	102.95 5.09 -14.44	128.53 5.46 -35.00	147.26 5.46 -53.72	114.39 5.43 -21.34	103.70 5.45 -10.46	98.29 4.94 -12.38	91.66 4.53 -9.08	90.68 4.03 -14.65
ROSETON___2 23588	127.86 5.08 -35.16	106.73 4.86 -16.63	106.87 4.50 -20.55	98.02 4.50 -11.70	98.86 4.45 -13.44	107.58 3.95 -30.34	112.74 4.63 -26.90	102.98 4.03 -27.04	106.13 4.76 -23.34	110.61 5.13 -24.18	95.04 4.67 -17.52	102.04 4.73 -22.24	99.20 4.47 -22.58	96.12 4.47 -19.50	98.88 4.41 -22.18	94.34 5.03 -8.17	102.95 5.09 -14.44	128.53 5.46 -35.00	147.26 5.46 -53.72	114.39 5.43 -21.34	103.70 5.45 -10.46	98.29 4.94 -12.38	91.66 4.53 -9.08	90.68 4.03 -14.65
ROTRRDAM_115KV_TB3 80664	136.40 3.86 -44.93	110.25 3.75 -21.25	111.60 3.52 -26.26	100.37 3.60 -14.95	101.71 3.56 -17.18	115.28 3.22 -38.77	119.24 3.65 -34.37	109.49 3.02 -34.55	111.29 3.43 -29.83	115.86 3.66 -30.90	98.45 3.21 -22.39	106.72 3.23 -28.43	103.96 2.96 -28.85	100.02 2.96 -24.92	103.67 3.04 -28.34	95.06 3.49 -10.44	105.55 3.67 -18.45	190.56 4.05 -98.44	214.49 4.05 -122.37	172.55 3.94 -80.99	127.17 4.04 -35.34	122.58 3.64 -37.97	124.24 3.43 -42.75	93.75 3.02 -18.73
RUSSELL___1 23602	89.18 -2.72 -4.28	84.11 -3.15 -2.02	81.29 -3.03 -2.50	80.21 -3.03 -1.42	79.69 -2.91 -1.64	74.34 -2.64 -3.69	81.81 -2.68 -3.27	71.83 -3.38 -3.29	77.28 -3.59 -2.84	80.26 -3.98 -2.94	71.13 -3.86 -2.13	74.24 -3.53 -2.71	70.20 -3.97 -2.02	70.07 -3.90 -1.82	71.51 -3.47 -2.69	77.92 -3.73 -0.52	80.58 -3.75 -0.91	86.46 -3.52 -1.91	89.29 -3.26 -4.48	84.21 -4.12 -0.71	84.52 -3.78 -0.49	77.64 -4.05 -0.72	74.46 -3.59 0.00	71.12 -2.66 -1.78
RUSSELL___2 23532	89.18 -2.72 -4.28	84.11 -3.15 -2.02	81.29 -3.03 -2.50	80.21 -3.03 -1.42	79.69 -2.91 -1.64	74.34 -2.64 -3.69	81.81 -2.68 -3.27	71.83 -3.38 -3.29	77.28 -3.59 -2.84	80.26 -3.98 -2.94	71.13 -3.86 -2.13	74.24 -3.53 -2.71	70.20 -3.97 -2.02	70.07 -3.90 -1.82	71.51 -3.47 -2.69	77.92 -3.73 -0.52	80.58 -3.75 -0.91	86.46 -3.52 -1.91	89.29 -3.26 -4.48	84.21 -4.12 -0.71	84.52 -3.78 -0.49	77.64 -4.05 -0.72	74.46 -3.59 0.00	71.12 -2.66 -1.78
RUSSELL___3 23549	89.18 -2.72 -4.28	84.11 -3.15 -2.02	81.29 -3.03 -2.50	80.21 -3.03 -1.42	79.69 -2.91 -1.64	74.34 -2.64 -3.69	81.81 -2.68 -3.27	71.83 -3.38 -3.29	77.28 -3.59 -2.84	80.26 -3.98 -2.94	71.13 -3.86 -2.13	74.24 -3.53 -2.71	70.20 -3.97 -2.02	70.07 -3.90 -1.82	71.51 -3.47 -2.69	77.92 -3.73 -0.52	80.58 -3.75 -0.91	86.46 -3.52 -1.91	89.29 -3.26 -4.48	84.21 -4.12 -0.71	84.52 -3.78 -0.49	77.64 -4.05 -0.72	74.46 -3.59 0.00	71.12 -2.66 -1.78
RUSSELL___4 23556	89.18 -2.72 -4.28	84.11 -3.15 -2.02	81.29 -3.03 -2.50	80.21 -3.03 -1.42	79.69 -2.91 -1.64	74.34 -2.64 -3.69	81.81 -2.68 -3.27	71.83 -3.38 -3.29	77.28 -3.59 -2.84	80.26 -3.98 -2.94	71.13 -3.86 -2.13	74.24 -3.53 -2.71	70.20 -3.97 -2.02	70.07 -3.90 -1.82	71.51 -3.47 -2.69	77.92 -3.73 -0.52	80.58 -3.75 -0.91	86.46 -3.52 -1.91	89.29 -3.26 -4.48	84.21 -4.12 -0.71	84.52 -3.78 -0.49	77.64 -4.05 -0.72	74.46 -3.59 0.00	71.12 -2.66 -1.78
RUSSELL___STATION 23914	89.18 -2.72 -4.28	84.11 -3.15 -2.02	81.29 -3.03 -2.50	80.21 -3.03 -1.42	79.69 -2.91 -1.64	74.34 -2.64 -3.69	81.81 -2.68 -3.27	71.83 -3.38 -3.29	77.28 -3.59 -2.84	80.26 -3.98 -2.94	71.13 -3.86 -2.13	74.24 -3.53 -2.71	70.20 -3.97 -2.02	70.07 -3.90 -1.82	71.51 -3.47 -2.69	77.92 -3.73 -0.52	80.58 -3.75 -0.91	86.46 -3.52 -1.91	89.29 -3.26 -4.48	84.21 -4.12 -0.71	84.52 -3.78 -0.49	77.64 -4.05 -0.72	74.46 -3.59 0.00	71.12 -2.66 -1.78
S SALMON___HYD 24043	89.22 -0.88 -2.48	85.40 -1.02 -1.17	82.12 -1.15 -1.45	81.50 -1.15 -0.83	80.70 -1.21 -0.95	74.33 -1.10 -2.14	82.14 -0.97 -1.90	72.89 -0.94 -1.91	78.75 -0.93 -1.65	81.95 -1.06 -1.71	73.15 -0.95 -1.24	75.66 -0.98 -1.57	72.66 -1.08 -1.59	72.52 -1.01 -1.38	72.92 -0.94 -1.57	80.82 -0.89 -0.58	83.95 -0.50 -1.02	89.17 -0.26 -1.37	90.59 -0.18 -2.69	87.31 -0.70 -0.40	87.47 -0.61 -0.29	80.33 -1.05 -0.42	76.96 -1.09 0.00	71.88 -1.15 -1.03
S.PERRY__115KV_TB1 80734	92.53 -1.14 -6.05	86.23 -1.88 -2.86	83.56 -1.80 -3.54	82.03 -1.80 -2.02	81.50 -1.78 -2.31	76.83 -1.69 -5.22	84.55 -1.30 -4.63	74.42 -2.16 -4.66	96.49 -2.42 -20.88	113.43 -2.60 -34.73	95.28 -2.77 -25.19	102.41 -2.85 -30.20	83.98 -3.46 -15.29	82.83 -3.46 -14.14	98.77 -2.96 -29.44	78.57 -2.76 -0.19	81.58 -2.17 -0.32	100.16 -1.41 -13.50	96.08 -1.06 -9.07	89.53 -1.93 -3.84	88.19 -1.49 -1.89	80.76 -2.43 -2.22	77.71 -2.03 -1.69	73.08 -1.44 -2.52
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	86.07 -7.10 -5.56	80.37 -7.50 -2.63	77.78 -7.28 -3.25	76.47 -7.20 -1.85	75.89 -7.21 -2.12	71.70 -6.38 -4.79	78.64 -6.82 -4.25	68.28 -7.91 -4.27	68.41 -8.43 1.19	68.31 -7.97 5.03	61.85 -7.36 3.65	63.06 -7.88 4.12	62.44 -8.23 1.49	62.62 -8.15 1.38	60.47 -7.88 3.94	72.62 -9.01 -0.49	74.85 -9.43 -0.85	80.52 -9.86 -2.32	86.69 -9.78 -8.39	80.62 -10.34 -3.34	80.21 -9.31 -1.72	73.44 -9.55 -2.02	71.54 -8.04 -1.53	67.91 -6.41 -2.32

SAWYER___23_KV_LOAD 55526	86.07 -7.10 -5.56	80.37 -7.50 -2.63	77.78 -7.28 -3.25	76.47 -7.20 -1.85	75.89 -7.21 -2.12	71.70 -6.38 -4.79	78.64 -6.82 -4.25	68.28 -7.91 -4.27	68.41 -8.43 1.19	68.31 -7.97 5.03	61.85 -7.36 3.65	63.06 -7.88 4.12	62.44 -8.23 1.49	62.62 -8.15 1.38	60.47 -7.88 3.94	72.62 -9.01 -0.49	74.85 -9.43 -0.85	80.52 -9.86 -2.32	86.69 -9.78 -8.39	80.62 -10.34 -3.34	80.21 -9.31 -1.72	73.44 -9.55 -2.02	71.54 -8.04 -1.53	67.91 -6.41 -2.32
SELKIRK___I 23801	133.40 3.51 -42.28	108.56 3.32 -20.00	109.72 3.19 -24.71	99.08 3.19 -14.07	100.28 3.15 -16.16	112.71 2.93 -36.48	116.72 3.16 -32.34	107.02 2.59 -32.51	108.99 2.89 -28.07	113.39 3.01 -29.07	96.54 2.62 -21.07	104.44 2.63 -26.75	101.82 2.52 -27.15	98.12 2.52 -23.45	101.56 2.60 -26.67	94.04 3.08 -9.82	103.96 3.17 -17.36	147.42 3.35 -56.01	169.94 3.35 -78.52	130.53 3.33 -39.58	109.40 3.34 -18.27	104.67 3.08 -20.63	100.17 3.13 -18.99	92.57 2.95 -17.62
SELKIRK___II 23799	133.45 3.15 -42.69	108.33 2.90 -20.19	109.55 2.78 -24.95	98.81 2.78 -14.21	100.04 2.75 -16.32	112.62 2.49 -36.84	116.71 2.84 -32.65	107.04 2.30 -32.83	109.03 2.65 -28.34	113.50 2.84 -29.36	96.68 2.55 -21.27	104.63 2.55 -27.01	102.02 2.45 -27.41	98.28 2.45 -23.67	101.75 2.53 -26.93	94.06 3.00 -9.92	103.95 3.00 -17.53	149.09 3.08 -57.95	171.83 3.08 -80.67	131.96 2.98 -41.36	109.89 3.07 -19.02	105.21 2.83 -21.41	100.92 2.89 -19.98	92.53 2.74 -17.79
SENECA OSWGO___HYD 24041	88.56 -1.84 -2.79	84.60 -1.96 -1.32	81.48 -1.96 -1.63	80.78 -1.96 -0.93	80.09 -1.94 -1.07	73.86 -1.83 -2.41	81.56 -1.79 -2.13	72.34 -1.73 -2.14	78.09 -1.79 -1.85	81.43 -1.79 -1.92	72.57 -1.67 -1.39	75.11 -1.72 -1.76	72.14 -1.80 -1.79	71.90 -1.80 -1.55	72.39 -1.66 -1.76	79.92 -1.86 -0.65	82.81 -1.76 -1.14	88.02 -1.58 -1.53	89.51 -1.58 -3.02	86.06 -2.01 -0.45	86.27 -1.85 -0.32	79.42 -2.02 -0.47	76.10 -1.95 0.00	71.43 -1.73 -1.16
SENECA___115KV_TB3 355854	86.32 -7.10 -5.80	80.49 -7.50 -2.74	77.93 -7.28 -3.39	76.55 -7.20 -1.93	75.98 -7.21 -2.22	71.92 -6.38 -5.01	78.91 -6.74 -4.44	68.61 -7.77 -4.46	68.50 -8.27 1.26	68.93 -7.15 5.22	62.58 -6.48 3.79	63.31 -7.43 4.33	62.77 -7.79 1.58	62.94 -7.72 1.49	60.56 -7.59 4.14	72.94 -8.68 -0.48	75.26 -9.01 -0.84	81.15 -9.33 -2.42	87.59 -9.25 -8.76	81.42 -9.73 -3.53	80.99 -8.60 -1.80	73.86 -9.23 -2.12	72.08 -7.57 -1.60	68.23 -6.19 -2.42
SENECA___ENERGY 23797	90.29 -1.84 -4.52	85.33 -2.05 -2.14	82.49 -1.96 -2.64	81.28 -2.04 -1.50	80.67 -2.02 -1.73	75.43 -1.76 -3.90	83.05 -1.62 -3.46	73.52 -1.87 -3.48	80.15 -2.03 -4.15	84.46 -2.03 -5.19	74.80 -1.82 -3.76	77.77 -1.95 -4.65	73.46 -2.24 -3.55	73.13 -2.16 -3.14	74.94 -1.95 -4.59	79.91 -2.11 -0.88	83.15 -1.84 -1.56	91.67 -1.41 -5.01	93.44 -1.58 -6.95	88.53 -1.93 -2.84	87.51 -1.67 -1.39	80.42 -2.18 -1.63	77.25 -2.03 -1.23	72.16 -1.73 -1.88
SHOEMAKER___GT 23640	124.14 4.38 -32.15	104.62 4.18 -15.21	104.54 3.93 -18.79	96.44 3.93 -10.70	97.06 3.81 -12.29	104.47 3.45 -27.74	109.79 3.98 -24.59	100.02 3.38 -24.72	103.35 3.98 -21.34	107.64 4.23 -22.11	92.73 3.86 -16.02	99.31 3.90 -20.34	96.47 3.68 -20.64	93.73 3.75 -17.83	96.19 3.61 -20.28	92.82 4.22 -7.47	100.96 4.34 -13.20	124.94 4.75 -32.12	142.07 4.75 -49.24	111.97 4.73 -19.63	102.06 4.65 -9.61	96.55 4.21 -11.37	90.24 3.82 -8.37	88.78 3.38 -13.40
SHOEMAKR_138KV_BK 111 55601	123.93 4.38 -31.93	104.52 4.18 -15.10	104.33 3.85 -18.66	96.29 3.85 -10.63	96.98 3.81 -12.21	104.21 3.37 -27.56	109.54 3.90 -24.43	99.85 3.38 -24.55	103.21 3.98 -21.20	107.49 4.23 -21.96	92.63 3.86 -15.91	99.17 3.90 -20.20	96.34 3.68 -20.51	93.61 3.75 -17.71	96.05 3.61 -20.14	92.77 4.22 -7.42	100.88 4.34 -13.11	124.63 4.67 -31.90	141.74 4.76 -48.91	111.75 4.64 -19.49	102.00 4.65 -9.54	96.39 4.13 -11.29	90.19 3.82 -8.31	88.69 3.38 -13.31
SHOREHAM_IC_1 23715	145.15 8.85 -48.69	138.48 8.44 -44.79	129.33 7.86 -39.65	121.50 7.78 -31.90	121.57 7.70 -32.90	116.77 6.82 -36.67	136.47 8.04 -47.21	141.44 7.19 -62.33	147.85 8.27 -61.55	147.44 8.78 -57.35	137.60 7.80 -56.94	127.12 7.95 -44.10	120.01 7.50 -40.36	119.78 7.57 -40.06	102.39 7.52 -22.58	133.62 8.52 -43.97	149.98 8.68 -57.88	176.52 9.43 -79.03	178.92 9.33 -81.51	156.66 9.11 -59.93	147.64 9.05 -50.80	136.81 8.17 -47.66	119.02 7.73 -33.24	94.63 6.98 -15.65
SHOREHAM_IC_2 23716	145.15 8.85 -48.69	138.48 8.44 -44.79	129.33 7.86 -39.65	121.50 7.78 -31.90	121.57 7.70 -32.90	116.77 6.82 -36.67	136.47 8.04 -47.21	141.44 7.19 -62.33	147.85 8.27 -61.55	147.44 8.78 -57.35	137.60 7.80 -56.94	127.12 7.95 -44.10	120.01 7.50 -40.36	119.78 7.57 -40.06	102.39 7.52 -22.58	133.62 8.52 -43.97	149.98 8.68 -57.88	176.52 9.43 -79.03	178.92 9.33 -81.51	156.66 9.11 -59.93	147.64 9.05 -50.80	136.81 8.17 -47.66	119.02 7.73 -33.24	94.63 6.98 -15.65
SISSONVILLE____ 23735	86.39 -1.23 0.00	84.22 -1.02 0.00	80.92 -0.90 0.00	81.00 -0.82 0.00	80.16 -0.81 0.00	72.19 -1.10 0.00	79.19 -2.03 0.00	70.62 -1.29 0.00	76.16 -1.87 0.00	79.19 -2.11 0.00	71.47 -1.38 0.00	73.57 -1.50 0.00	71.00 -1.15 0.00	70.92 -1.23 0.00	70.85 -1.45 0.00	79.59 -2.09 0.00	81.34 -1.54 0.00	85.34 -2.73 0.00	85.52 -2.55 0.00	85.43 -2.19 0.00	85.34 -2.46 0.00	79.51 -1.46 0.00	77.19 -0.86 0.00	71.42 -0.58 0.00
SITHE_IND_GS1 24169	86.56 -3.24 -2.18	83.04 -3.24 -1.03	79.98 -3.11 -1.28	79.35 -3.19 -0.73	78.64 -3.16 -0.83	72.31 -2.86 -1.88	79.88 -3.00 -1.67	70.72 -2.88 -1.68	76.44 -3.04 -1.45	79.63 -3.17 -1.50	71.03 -2.92 -1.09	73.52 -2.93 -1.38	70.59 -2.96 -1.40	70.47 -2.89 -1.21	70.85 -2.82 -1.38	78.48 -3.17 -0.51	81.15 -3.17 -0.90	86.10 -3.17 -1.21	87.27 -3.17 -2.36	84.47 -3.51 -0.36	84.71 -3.34 -0.25	78.01 -3.32 -0.37	74.93 -3.12 0.00	70.10 -2.81 -0.91
SITHE_IND_GS2 24170	86.56 -3.24 -2.18	83.04 -3.24 -1.03	79.98 -3.11 -1.28	79.35 -3.19 -0.73	78.64 -3.16 -0.83	72.31 -2.86 -1.88	79.88 -3.00 -1.67	70.72 -2.88 -1.68	76.44 -3.04 -1.45	79.63 -3.17 -1.50	71.03 -2.92 -1.09	73.52 -2.93 -1.38	70.59 -2.96 -1.40	70.47 -2.89 -1.21	70.85 -2.82 -1.38	78.48 -3.17 -0.51	81.15 -3.17 -0.90	86.10 -3.17 -1.21	87.27 -3.17 -2.36	84.47 -3.51 -0.36	84.71 -3.34 -0.25	78.01 -3.32 -0.37	74.93 -3.12 0.00	70.10 -2.81 -0.91
SITHE_IND_GS3 24171	86.56 -3.24 -2.18	83.04 -3.24 -1.03	79.98 -3.11 -1.28	79.35 -3.19 -0.73	78.64 -3.16 -0.83	72.31 -2.86 -1.88	79.88 -3.00 -1.67	70.72 -2.88 -1.68	76.44 -3.04 -1.45	79.63 -3.17 -1.50	71.03 -2.92 -1.09	73.52 -2.93 -1.38	70.59 -2.96 -1.40	70.47 -2.89 -1.21	70.85 -2.82 -1.38	78.48 -3.17 -0.51	81.15 -3.17 -0.90	86.10 -3.17 -1.21	87.27 -3.17 -2.36	84.47 -3.51 -0.36	84.71 -3.34 -0.25	78.01 -3.32 -0.37	74.93 -3.12 0.00	70.10 -2.81 -0.91
SITHE_IND_GS4 24172	86.56 -3.24 -2.18	83.04 -3.24 -1.03	79.98 -3.11 -1.28	79.35 -3.19 -0.73	78.64 -3.16 -0.83	72.31 -2.86 -1.88	79.88 -3.00 -1.67	70.72 -2.88 -1.68	76.44 -3.04 -1.45	79.63 -3.17 -1.50	71.03 -2.92 -1.09	73.52 -2.93 -1.38	70.59 -2.96 -1.40	70.47 -2.89 -1.21	70.85 -2.82 -1.38	78.48 -3.17 -0.51	81.15 -3.17 -0.90	86.10 -3.17 -1.21	87.27 -3.17 -2.36	84.47 -3.51 -0.36	84.71 -3.34 -0.25	78.01 -3.32 -0.37	74.93 -3.12 0.00	70.10 -2.81 -0.91

SITHE___BATAVIA 24024	87.56 -4.99 -4.93	82.37 -5.20 -2.33	79.79 -4.91 -2.88	78.55 -4.91 -1.64	78.08 -4.78 -1.89	73.22 -4.32 -4.26	80.52 -4.47 -3.77	70.18 -5.54 -3.79	73.36 -5.31 -0.64	74.65 -5.37 1.28	66.75 -5.17 0.93	68.96 -5.11 1.00	66.61 -5.70 -0.16	66.61 -5.63 -0.08	66.24 -5.13 0.92	75.23 -6.41 -0.51	77.89 -6.42 -0.88	84.83 -6.25 -3.01	89.44 -6.08 -7.44	83.71 -6.92 -3.01	83.16 -6.15 -1.51	76.35 -6.40 -1.78	73.70 -5.69 -1.34	69.74 -4.32 -2.06
SITHE___INDEPEND 23800	86.65 -3.15 -2.18	83.04 -3.24 -1.03	79.98 -3.11 -1.28	79.35 -3.19 -0.73	78.65 -3.16 -0.83	72.31 -2.86 -1.88	79.88 -3.00 -1.67	70.72 -2.88 -1.68	76.44 -3.04 -1.45	79.63 -3.17 -1.50	71.03 -2.91 -1.09	73.52 -2.93 -1.38	70.59 -2.96 -1.40	70.47 -2.89 -1.21	70.85 -2.82 -1.38	78.48 -3.16 -0.51	81.15 -3.17 -0.90	86.10 -3.17 -1.21	87.27 -3.17 -2.36	84.56 -3.42 -0.36	84.71 -3.34 -0.25	78.10 -3.24 -0.37	74.93 -3.12 0.00	70.10 -2.81 -0.91
SITHE___MASSENA 23902	86.57 -1.05 0.00	84.31 -0.94 0.00	81.08 -0.74 0.00	81.08 -0.74 0.00	80.24 -0.73 0.00	72.55 -0.73 0.00	80.00 -1.22 0.00	71.27 -0.65 0.00	76.86 -1.17 0.00	79.92 -1.38 0.00	71.77 -1.09 0.00	73.94 -1.12 0.00	71.29 -0.86 0.00	71.21 -0.94 0.00	71.21 -1.08 0.00	80.00 -1.14 0.00	82.01 -1.42 0.00	86.13 -1.94 0.00	86.32 -1.76 0.00	86.30 -1.31 0.00	86.31 -1.49 0.00	80.16 -0.81 0.00	77.42 -0.63 0.00	71.50 -0.50 0.00
SITHE___OGDNSBRG 24021	87.70 0.09 0.00	85.50 0.26 0.00	82.06 0.25 0.00	82.14 0.33 0.00	81.29 0.32 0.00	73.43 0.15 0.00	80.73 -0.49 0.00	72.06 0.14 0.00	77.64 -0.39 0.00	80.65 -0.65 0.00	72.57 -0.29 0.00	74.69 -0.38 0.00	72.01 -0.14 0.00	72.01 -0.14 0.00	71.93 -0.36 0.00	80.97 -0.16 0.00	83.18 -0.25 0.00	87.36 -0.70 0.00	87.46 -0.62 0.00	87.35 -0.26 0.00	87.27 -0.53 0.00	81.05 0.08 0.00	78.44 0.39 0.00	72.36 0.36 0.00
SITHE___STERLING 23777	92.07 2.45 -2.00	88.40 2.21 -0.95	84.95 1.96 -1.17	84.53 2.05 -0.67	83.84 2.10 -0.77	76.92 1.90 -1.73	85.11 2.36 -1.53	75.47 2.01 -1.54	81.63 2.26 -1.33	85.04 2.36 -1.38	76.04 2.18 -1.00	78.51 2.18 -1.27	75.45 2.02 -1.29	75.28 2.02 -1.11	75.58 2.02 -1.26	84.03 2.43 -0.47	87.09 2.84 -0.82	92.25 3.08 -1.10	93.33 3.08 -2.17	90.74 2.80 -0.32	90.66 2.63 -0.23	83.41 2.10 -0.34	79.92 1.87 0.00	74.42 1.58 -0.84
SLEIGHT__34_KV_TB1 80719	89.42 -2.37 -4.17	84.49 -2.73 -1.97	81.64 -2.62 -2.44	80.51 -2.70 -1.39	79.97 -2.59 -1.59	74.54 -2.35 -3.60	82.13 -2.27 -3.19	72.54 -2.59 -3.21	77.99 -2.81 -2.77	81.16 -3.01 -2.87	72.02 -2.91 -2.08	74.93 -2.78 -2.64	71.34 -3.10 -2.29	71.14 -3.03 -2.02	72.24 -2.67 -2.63	79.01 -2.84 -0.72	81.93 -2.75 -1.26	87.49 -2.64 -2.07	90.04 -2.47 -4.43	85.16 -3.15 -0.69	85.38 -2.90 -0.48	78.51 -3.16 -0.70	75.08 -2.97 0.00	71.44 -2.30 -1.74
SOUTH CAIRO___GT 23612	134.56 5.96 -40.98	110.25 5.63 -19.38	111.09 5.32 -23.95	100.78 5.32 -13.64	101.82 5.18 -15.67	113.42 4.76 -35.37	117.93 5.36 -31.35	107.60 4.17 -31.51	109.92 4.68 -27.21	114.12 4.63 -28.18	97.21 3.93 -20.42	104.67 3.68 -25.93	102.00 3.54 -26.32	98.34 3.46 -22.73	101.83 3.69 -25.85	95.53 4.87 -9.52	105.51 5.26 -16.83	148.15 5.81 -54.28	170.08 5.90 -76.10	131.58 5.61 -38.35	111.12 5.62 -17.70	105.82 4.86 -19.99	101.21 4.76 -18.40	93.76 4.68 -17.08
SOUTH HAMPTN___IC 23720	145.42 9.11 -48.69	138.64 8.61 -44.79	129.57 8.10 -39.65	121.65 7.93 -31.90	121.81 7.94 -32.90	116.99 7.04 -36.67	136.71 8.29 -47.21	141.72 7.48 -62.33	148.09 8.51 -61.55	147.76 9.10 -57.35	137.81 8.01 -56.94	127.27 8.11 -44.10	120.23 7.72 -40.36	119.93 7.72 -40.06	102.53 7.66 -22.58	133.79 8.69 -43.97	150.23 8.93 -57.88	176.87 9.77 -79.03	179.01 9.43 -81.51	156.74 9.20 -59.93	147.72 9.13 -50.80	136.81 8.17 -47.66	119.02 7.73 -33.24	94.78 7.13 -15.65
SOUTHDOW_115KV_TB1 355954	88.09 -5.78 -6.25	81.89 -6.31 -2.96	79.17 -6.30 -3.65	77.76 -6.14 -2.08	77.12 -6.23 -2.39	73.33 -5.35 -5.40	80.64 -5.36 -4.78	70.40 -6.33 -4.81	72.62 -6.63 -1.22	75.61 -4.72 0.98	68.06 -4.08 0.71	68.95 -5.48 0.63	66.50 -5.84 -0.20	66.63 -5.70 -0.18	65.82 -5.93 0.55	75.01 -6.57 -0.45	77.53 -6.67 -0.78	85.25 -6.69 -3.88	90.83 -6.69 -9.45	84.46 -7.01 -3.85	83.78 -5.97 -1.95	75.97 -7.29 -2.29	74.17 -5.62 -1.74	69.71 -4.90 -2.61
SOUTHOLD_69_KV_BK 2 55809	145.50 9.20 -48.69	138.73 8.69 -44.79	129.57 8.10 -39.65	121.74 8.02 -31.90	121.81 7.93 -32.90	116.99 7.04 -36.67	136.87 8.45 -47.21	141.87 7.62 -62.33	148.33 8.74 -61.55	148.00 9.35 -57.35	137.74 7.94 -56.94	127.35 8.18 -44.10	120.23 7.72 -40.36	119.93 7.72 -40.06	102.54 7.66 -22.58	133.95 8.84 -43.97	150.40 9.09 -57.88	177.22 10.13 -79.03	178.92 9.34 -81.51	156.48 8.94 -59.93	147.46 8.87 -50.80	136.49 7.85 -47.66	118.70 7.41 -33.24	94.78 7.13 -15.65
SOUTHOLD___IC 23719	145.50 9.20 -48.69	138.73 8.70 -44.79	129.57 8.10 -39.65	121.74 8.02 -31.90	121.81 7.94 -32.90	116.99 7.04 -36.67	136.87 8.45 -47.21	141.86 7.62 -62.33	148.32 8.74 -61.55	148.00 9.35 -57.35	137.74 7.94 -56.94	127.35 8.18 -44.10	120.23 7.72 -40.36	119.93 7.72 -40.06	102.53 7.66 -22.58	133.87 8.77 -43.97	150.40 9.09 -57.88	177.22 10.12 -79.03	178.92 9.33 -81.51	156.57 9.03 -59.93	147.46 8.86 -50.80	136.57 7.94 -47.66	118.71 7.42 -33.24	94.78 7.13 -15.65
SOUTH_FORK_WT_PWR 323839	144.63 8.33 -48.69	137.87 7.84 -44.79	128.75 7.28 -39.65	120.83 7.11 -31.90	121.00 7.13 -32.90	116.26 6.30 -36.67	135.98 7.55 -47.21	141.08 6.84 -62.33	147.46 7.88 -61.55	147.19 8.53 -57.35	136.86 7.07 -56.94	126.60 7.43 -44.10	119.51 7.00 -40.36	119.21 7.00 -40.06	101.82 6.94 -22.58	133.06 7.96 -43.97	149.56 8.26 -57.88	176.34 9.24 -79.03	177.68 8.10 -81.51	155.34 7.80 -59.93	146.23 7.63 -50.80	135.43 6.80 -47.66	117.61 6.32 -33.24	94.06 6.41 -15.65
SPIERFLS_115KV_TB 1 80737	139.80 7.71 -44.48	113.78 7.50 -21.04	114.85 7.04 -26.00	103.74 7.12 -14.80	105.01 7.04 -17.00	118.19 6.52 -38.38	122.63 7.39 -34.02	112.16 6.04 -34.20	114.50 6.94 -29.53	119.37 7.48 -30.59	101.58 6.56 -22.16	109.36 6.16 -28.14	106.34 5.63 -28.56	102.44 5.63 -24.66	106.13 5.78 -28.06	98.12 6.65 -10.33	108.86 7.17 -18.26	189.38 7.93 -93.39	213.16 8.01 -117.07	171.61 7.89 -76.11	129.02 7.90 -33.32	124.09 7.21 -35.91	124.81 6.79 -39.96	96.66 6.12 -18.54
ST LAWRENCE____ 23600	85.95 -1.67 0.00	83.71 -1.53 0.00	80.43 -1.39 0.00	80.51 -1.31 0.00	79.59 -1.38 0.00	72.04 -1.25 0.00	79.51 -1.71 0.00	70.77 -1.15 0.00	76.39 -1.64 0.00	79.44 -1.87 0.00	71.25 -1.60 0.00	73.34 -1.72 0.00	70.78 -1.37 0.00	70.71 -1.44 0.00	70.70 -1.59 0.00	79.43 -1.71 0.00	81.59 -1.84 0.00	85.78 -2.29 0.00	85.88 -2.20 0.00	85.87 -1.75 0.00	85.87 -1.93 0.00	79.59 -1.38 0.00	76.80 -1.25 0.00	70.92 -1.08 0.00
STATE_CA_115KV_115_LB 55624	134.58 3.59 -43.37	108.91 3.15 -20.52	110.12 2.95 -25.35	99.20 2.95 -14.44	100.46 2.91 -16.58	113.43 2.71 -37.43	117.48 3.09 -33.18	107.86 2.59 -33.35	109.79 2.97 -28.80	114.30 3.17 -29.83	97.31 2.84 -21.61	105.36 2.85 -27.44	102.75 2.74 -27.85	98.95 2.74 -24.05	102.47 2.82 -27.36	94.62 3.41 -10.08	104.66 3.42 -17.81	164.61 3.43 -73.11	187.72 3.43 -96.21	147.21 3.33 -56.26	116.37 3.42 -25.14	111.74 3.16 -27.62	109.97 3.36 -28.56	93.25 3.17 -18.08

STATE_ST_34_KV_LOAD 55959	91.72 -0.35 -4.46	86.67 -0.68 -2.11	83.69 -0.74 -2.61	82.56 -0.74 -1.48	81.94 -0.73 -1.70	76.47 -0.66 -3.85	84.30 -0.32 -3.41	74.84 -0.50 -3.43	80.45 -0.55 -2.96	83.96 -0.41 -3.07	74.64 -0.44 -2.22	77.36 -0.53 -2.82	74.75 -0.72 -3.33	74.33 -0.65 -2.83	74.61 -0.51 -2.82	82.07 -0.41 -1.34	85.55 -0.25 -2.37	92.99 0.09 -4.84	95.18 0.09 -7.02	90.08 -0.35 -2.81	88.99 -0.18 -1.37	81.93 -0.65 -1.61	78.56 -0.70 -1.21	73.21 -0.65 -1.86
STATION 5_MISC_HYD 23604	88.56 -3.33 -4.28	83.69 -3.58 -2.02	80.96 -3.36 -2.50	79.88 -3.36 -1.42	79.36 -3.24 -1.64	73.97 -3.01 -3.69	81.48 -3.00 -3.27	71.54 -3.67 -3.29	76.90 -3.98 -2.84	79.85 -4.39 -2.94	70.69 -4.30 -2.13	73.79 -3.98 -2.71	69.84 -4.33 -2.02	69.64 -4.33 -1.82	71.14 -3.83 -2.69	77.43 -4.22 -0.52	80.08 -4.25 -0.91	85.93 -4.05 -1.91	88.68 -3.87 -4.48	82.90 -5.43 -0.71	83.99 -4.30 -0.49	76.75 -4.94 -0.72	74.07 -3.98 0.00	70.76 -3.02 -1.78
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	90.32 -1.58 -4.28	85.22 -2.05 -2.02	82.36 -1.96 -2.50	81.20 -2.05 -1.42	80.66 -1.94 -1.64	75.22 -1.76 -3.69	82.87 -1.62 -3.27	73.13 -2.09 -3.29	78.61 -2.26 -2.84	81.81 -2.44 -2.94	72.59 -2.40 -2.13	75.60 -2.18 -2.71	71.58 -2.60 -2.03	71.38 -2.60 -1.82	72.74 -2.24 -2.69	79.30 -2.35 -0.52	82.17 -2.17 -0.91	88.04 -1.94 -1.91	90.80 -1.76 -4.48	85.87 -2.45 -0.71	86.18 -2.11 -0.49	79.10 -2.59 -0.72	75.71 -2.34 0.00	71.98 -1.80 -1.78
STA_56_34_KV_BUS2_REV_LBMP_B 345033	88.44 -3.42 -4.24	83.41 -3.84 -2.01	80.70 -3.60 -2.48	79.63 -3.60 -1.41	79.03 -3.56 -1.62	73.72 -3.22 -3.66	81.13 -3.33 -3.24	71.37 -3.81 -3.26	76.71 -4.14 -2.82	79.67 -4.55 -2.92	70.60 -4.37 -2.11	73.70 -4.05 -2.68	69.76 -4.40 -2.01	69.56 -4.40 -1.81	70.98 -3.98 -2.66	77.35 -4.30 -0.52	80.00 -4.34 -0.91	85.65 -4.32 -1.90	88.46 -4.05 -4.44	83.50 -4.82 -0.71	83.81 -4.48 -0.49	77.07 -4.62 -0.72	73.91 -4.14 0.00	70.53 -3.24 -1.77
STA_56___34_KV_BUS2 355983	88.44 -3.42 -4.24	83.41 -3.84 -2.01	80.70 -3.60 -2.48	79.63 -3.60 -1.41	79.03 -3.56 -1.62	73.72 -3.22 -3.66	81.13 -3.33 -3.24	71.37 -3.81 -3.26	76.71 -4.14 -2.82	79.67 -4.55 -2.92	70.60 -4.37 -2.11	73.70 -4.05 -2.68	69.76 -4.40 -2.01	69.56 -4.40 -1.81	70.98 -3.98 -2.66	77.35 -4.30 -0.52	80.00 -4.34 -0.91	85.65 -4.32 -1.90	88.46 -4.05 -4.44	83.50 -4.82 -0.71	83.81 -4.48 -0.49	77.07 -4.62 -0.72	73.91 -4.14 0.00	70.53 -3.24 -1.77
STA_67___115KV_BK2 355882	88.65 -3.24 -4.27	83.51 -3.75 -2.02	80.80 -3.52 -2.50	79.72 -3.52 -1.42	79.20 -3.40 -1.63	73.82 -3.15 -3.69	81.32 -3.17 -3.27	71.39 -3.81 -3.29	76.73 -4.14 -2.84	79.69 -4.55 -2.94	70.54 -4.44 -2.13	73.64 -4.13 -2.70	69.70 -4.47 -2.02	69.49 -4.47 -1.82	71.00 -3.98 -2.68	77.27 -4.38 -0.52	79.91 -4.42 -0.91	85.58 -4.40 -1.91	88.41 -4.14 -4.47	83.42 -4.91 -0.71	83.81 -4.48 -0.49	76.99 -4.70 -0.72	73.91 -4.14 0.00	70.61 -3.17 -1.78
STA_7___115KV_9TRANS 80674	89.18 -2.72 -4.28	84.11 -3.15 -2.02	81.29 -3.03 -2.50	80.21 -3.03 -1.42	79.69 -2.91 -1.64	74.34 -2.64 -3.69	81.81 -2.68 -3.27	71.83 -3.38 -3.29	77.28 -3.59 -2.84	80.26 -3.98 -2.94	71.13 -3.53 -2.13	74.24 -3.97 -2.71	70.20 -3.90 -2.02	70.07 -3.90 -1.82	71.51 -3.47 -2.69	77.92 -3.73 -0.52	80.58 -3.75 -0.91	86.46 -3.52 -1.91	89.29 -3.26 -4.48	84.21 -4.12 -0.71	84.52 -3.78 -0.49	77.64 -4.05 -0.72	74.46 -3.59 0.00	71.12 -2.66 -1.78
STA_82___115KV_TB1 80780	88.67 -3.24 -4.30	83.61 -3.67 -2.03	80.81 -3.52 -2.51	79.73 -3.52 -1.43	79.21 -3.40 -1.64	73.92 -3.08 -3.71	81.34 -3.17 -3.29	71.41 -3.81 -3.30	76.75 -4.14 -2.85	79.72 -4.55 -2.97	70.63 -4.37 -2.15	73.73 -4.05 -2.72	69.71 -4.47 -2.03	69.57 -4.40 -1.82	71.01 -3.98 -2.70	77.35 -4.30 -0.52	79.99 -4.34 -0.91	85.58 -4.40 -1.92	88.43 -4.14 -4.50	83.42 -4.91 -0.71	83.82 -4.48 -0.50	77.08 -4.62 -0.72	73.91 -4.14 0.00	70.62 -3.17 -1.79
STEEL___WIND 323596	85.79 -7.62 -5.80	80.31 -7.67 -2.74	77.76 -7.44 -3.39	76.38 -7.36 -1.93	75.82 -7.37 -2.22	71.77 -6.52 -5.01	78.75 -6.90 -4.44	68.47 -7.91 -4.46	68.34 -8.43 1.26	68.77 -7.32 5.22	62.44 -6.63 3.79	63.16 -7.58 4.33	62.63 -7.94 1.58	62.80 -7.86 1.49	60.42 -7.73 4.14	72.78 -8.84 -0.48	75.00 -9.26 -0.84	80.89 -9.60 -2.42	87.42 -9.42 -8.76	82.12 -9.02 -3.53	80.82 -8.78 -1.80	74.26 -8.82 -2.12	71.93 -7.73 -1.60	68.08 -6.34 -2.42
STEPHTWN_115KV_BK_2 55603	134.98 4.47 -42.90	109.54 4.01 -20.29	110.57 3.68 -25.07	99.86 3.76 -14.28	101.09 3.72 -16.40	113.82 3.52 -37.02	118.01 3.98 -32.81	108.14 3.24 -32.99	110.26 3.75 -28.48	114.79 3.98 -29.50	97.73 3.50 -21.37	105.66 3.45 -27.14	102.94 3.25 -27.55	99.19 3.25 -23.79	102.75 3.40 -27.06	95.24 4.14 -9.97	105.21 4.17 -17.62	157.14 4.32 -64.75	179.99 4.32 -87.59	139.91 4.21 -48.09	113.88 4.30 -21.78	109.14 3.97 -24.20	106.05 4.14 -23.86	93.77 3.89 -17.88
STEUBEN_REC_LFGE 323667	91.04 -4.21 -7.63	84.16 -4.69 -3.61	81.53 -4.75 -4.46	79.61 -4.75 -2.54	78.70 -5.18 -2.92	75.40 -4.47 -6.59	82.59 -4.47 -5.84	72.68 -5.11 -5.87	88.31 -5.77 -16.05	101.42 -5.04 -25.16	86.51 -4.59 -18.24	91.36 -5.71 -22.00	75.17 -6.28 -9.30	74.89 -6.20 -8.94	88.10 -5.64 -21.45	74.29 -5.84 1.01	76.26 -5.34 1.82	93.98 -4.84 -10.76	94.53 -4.67 -11.12	87.64 -4.91 -4.93	86.18 -4.04 -2.42	78.71 -5.10 -2.84	75.86 -4.37 -2.18	71.37 -3.82 -3.18
STILLWATER___SOLAR 323814	138.23 6.39 -44.22	112.38 6.22 -20.92	113.56 5.89 -25.85	102.43 5.89 -14.72	103.71 5.83 -16.90	116.80 5.35 -38.16	121.05 6.01 -33.83	110.88 4.96 -34.01	113.08 5.69 -29.36	117.73 6.02 -30.41	100.21 5.32 -22.03	108.15 5.11 -27.98	105.31 4.76 -28.40	101.43 4.76 -24.52	105.11 4.92 -27.90	97.09 5.68 -10.27	107.67 6.09 -18.16	185.31 6.69 -90.56	208.87 6.69 -114.10	167.65 6.66 -73.38	126.65 6.67 -32.19	121.72 5.99 -34.76	122.15 5.69 -38.40	95.54 5.11 -18.43
STONY___BROOK 24151	144.90 8.59 -48.69	138.14 8.10 -44.79	129.08 7.61 -39.65	121.24 7.52 -31.90	121.31 7.44 -32.90	116.62 6.67 -36.67	136.22 7.80 -47.21	141.22 6.97 -62.33	147.63 8.04 -61.55	147.19 8.53 -57.35	137.52 7.72 -56.94	126.97 7.81 -44.10	119.94 7.43 -40.36	119.71 7.50 -40.06	102.32 7.45 -22.58	133.47 8.36 -43.97	149.73 8.42 -57.88	176.17 9.07 -79.03	178.66 9.07 -81.51	156.39 8.85 -59.93	147.46 8.86 -50.80	136.73 8.10 -47.66	118.94 7.65 -33.24	94.50 6.84 -15.65
STURGEON_POOL_HYD 23609	128.73 5.08 -36.03	107.23 4.94 -17.04	107.46 4.58 -21.06	98.39 4.58 -11.99	99.28 4.53 -13.77	108.41 4.03 -31.10	113.41 4.63 -27.57	103.66 4.03 -27.71	106.72 4.76 -23.92	111.13 5.04 -24.78	95.40 4.59 -17.96	102.52 4.65 -22.80	99.76 4.47 -23.14	96.61 4.47 -19.98	99.36 4.34 -22.73	94.54 5.03 -8.37	103.31 5.09 -14.80	132.22 5.55 -38.61	151.51 5.64 -57.80	117.66 5.43 -24.61	105.17 5.53 -11.84	99.73 4.94 -13.82	93.39 4.45 -10.89	90.91 3.89 -15.02
ST_LAW_115_BK7_LBMP 345037	85.87 -1.75 0.00	83.71 -1.53 0.00	80.43 -1.39 0.00	80.43 -1.39 0.00	79.59 -1.38 0.00	71.97 -1.32 0.00	79.43 -1.79 0.00	70.70 -1.22 0.00	76.32 -1.72 0.00	79.35 -1.95 0.00	71.18 -1.67 0.00	73.26 -1.80 0.00	70.71 -1.44 0.00	70.71 -1.44 0.00	70.63 -1.66 0.00	79.35 -1.79 0.00	81.42 -2.00 0.00	85.69 -2.37 0.00	85.70 -2.37 0.00	85.77 -1.84 0.00	85.69 -2.11 0.00	79.59 -1.38 0.00	76.72 -1.33 0.00	70.85 -1.15 0.00

ST_LAW_115_BK8_LBMP 345038	85.87 -1.75 0.00	83.71 -1.53 0.00	80.43 -1.39 0.00	80.43 -1.39 0.00	79.59 -1.38 0.00	71.97 -1.32 0.00	79.43 -1.79 0.00	70.70 -1.22 0.00	76.32 -1.72 0.00	79.35 -1.95 0.00	71.18 -1.67 0.00	73.26 -1.80 0.00	70.71 -1.44 0.00	70.71 -1.44 0.00	70.63 -1.66 0.00	79.35 -1.79 0.00	81.42 -2.00 0.00	85.69 -2.37 0.00	85.70 -2.37 0.00	85.77 -1.84 0.00	85.69 -2.11 0.00	79.59 -1.38 0.00	76.72 -1.33 0.00	70.85 -1.15 0.00
ST_LAW_230_BK5_LBMP 345035	85.95 -1.67 0.00	83.71 -1.53 0.00	80.43 -1.39 0.00	80.51 -1.31 0.00	79.59 -1.38 0.00	72.04 -1.25 0.00	79.51 -1.71 0.00	70.77 -1.15 0.00	76.39 -1.64 0.00	79.44 -1.87 0.00	71.25 -1.60 0.00	73.34 -1.72 0.00	70.78 -1.37 0.00	70.71 -1.44 0.00	70.70 -1.59 0.00	79.43 -1.71 0.00	81.59 -1.84 0.00	85.78 -2.29 0.00	85.88 -2.20 0.00	85.87 -1.75 0.00	85.87 -1.93 0.00	79.59 -1.38 0.00	76.80 -1.25 0.00	70.92 -1.08 0.00
ST_LAW_230_BK6_LBMP 345036	85.95 -1.67 0.00	83.71 -1.53 0.00	80.43 -1.39 0.00	80.51 -1.31 0.00	79.59 -1.38 0.00	72.04 -1.25 0.00	79.51 -1.71 0.00	70.77 -1.15 0.00	76.39 -1.64 0.00	79.44 -1.87 0.00	71.25 -1.60 0.00	73.34 -1.72 0.00	70.78 -1.37 0.00	70.71 -1.44 0.00	70.70 -1.59 0.00	79.43 -1.71 0.00	81.59 -1.84 0.00	85.78 -2.29 0.00	85.88 -2.20 0.00	85.87 -1.75 0.00	85.87 -1.93 0.00	79.59 -1.38 0.00	76.80 -1.25 0.00	70.92 -1.08 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	125.30 4.82 -32.87	105.31 4.52 -15.55	105.20 4.17 -19.21	96.93 4.17 -10.94	97.66 4.13 -12.56	105.32 3.66 -28.36	110.66 4.30 -25.14	100.93 3.74 -25.28	104.30 4.45 -21.82	108.62 4.72 -22.60	93.53 4.30 -16.38	100.22 4.35 -20.79	97.44 4.18 -21.11	94.56 4.18 -18.23	97.08 4.05 -20.74	93.48 4.71 -7.64	101.76 4.84 -13.50	126.02 5.11 -32.84	143.62 5.20 -50.35	112.77 5.08 -20.07	102.72 5.09 -9.83	97.21 4.62 -11.63	90.83 4.21 -8.56	89.37 3.67 -13.70
SWANROAD_115KV_TB1 355699	84.21 -8.76 -5.35	78.74 -9.04 -2.53	76.19 -8.75 -3.13	74.93 -8.67 -1.78	74.35 -8.66 -2.05	70.21 -7.70 -4.62	77.02 -8.28 -4.09	66.68 -9.35 -4.11	68.89 -8.82 0.32	69.46 -8.78 3.07	62.32 -8.31 2.23	63.99 -8.41 2.67	62.65 -8.87 0.62	62.72 -8.73 0.70	61.44 -8.31 2.54	71.01 -10.63 -0.50	73.12 -11.18 -0.87	79.21 -11.54 -2.68	84.35 -11.80 -8.08	78.40 -12.44 -3.22	78.21 -11.24 -1.65	71.58 -11.34 -1.94	69.76 -9.76 -1.47	66.53 -7.70 -2.23
SYNERGY___BIOGAS 323694	87.56 -4.99 -4.93	82.37 -5.20 -2.33	79.79 -4.91 -2.88	78.55 -4.91 -1.64	78.08 -4.78 -1.89	73.22 -4.32 -4.26	80.52 -4.47 -3.77	70.18 -5.54 -3.79	73.36 -5.31 -0.64	74.65 -5.37 1.28	66.75 -5.17 0.93	68.96 -5.11 1.00	66.61 -5.70 -0.16	66.61 -5.63 -0.08	66.24 -5.13 0.92	75.23 -6.41 -0.51	77.89 -6.42 -0.88	84.83 -6.25 -3.01	89.44 -6.08 -7.44	83.71 -6.92 -3.01	83.16 -6.15 -1.51	76.35 -6.40 -1.78	73.70 -5.69 -1.34	69.74 -4.32 -2.06
SYRACUSE___ENERGY_ST1 323597	90.40 -0.79 -3.57	85.91 -1.02 -1.69	82.84 -1.06 -2.09	81.94 -1.06 -1.19	81.28 -1.05 -1.36	75.41 -0.95 -3.08	83.13 -0.81 -2.73	73.80 -0.86 -2.74	79.47 -0.94 -2.37	82.95 -0.81 -2.45	73.83 -0.80 -1.78	76.50 -0.83 -2.26	73.43 -1.01 -2.29	73.19 -0.94 -1.98	73.68 -0.87 -2.25	81.07 -0.89 -0.83	84.14 -0.75 -1.47	89.50 -0.53 -1.96	91.41 -0.53 -3.86	87.32 -0.88 -0.58	87.42 -0.79 -0.41	80.52 -1.05 -0.60	77.04 -1.01 0.00	72.55 -0.94 -1.49
SYRACUSE___ENERGY_ST2 323598	90.40 -0.79 -3.57	85.91 -1.02 -1.69	82.84 -1.06 -2.09	81.94 -1.06 -1.19	81.28 -1.05 -1.36	75.41 -0.95 -3.08	83.13 -0.81 -2.73	73.80 -0.86 -2.74	79.47 -0.94 -2.37	82.95 -0.81 -2.45	73.83 -0.80 -1.78	76.50 -0.83 -2.26	73.43 -1.01 -2.29	73.19 -0.94 -1.98	73.68 -0.87 -2.25	81.07 -0.89 -0.83	84.14 -0.75 -1.47	89.50 -0.53 -1.96	91.41 -0.53 -3.86	87.32 -0.88 -0.58	87.42 -0.79 -0.41	80.52 -1.05 -0.60	77.04 -1.01 0.00	72.55 -0.94 -1.49
SYRACUSE___POWER 24017	90.46 -0.88 -3.72	85.90 -1.11 -1.76	82.85 -1.15 -2.18	81.91 -1.15 -1.24	81.26 -1.13 -1.42	75.47 -1.03 -3.21	83.17 -0.89 -2.85	73.77 -1.01 -2.86	79.49 -1.01 -2.47	82.97 -0.89 -2.56	73.84 -0.87 -1.85	76.52 -0.90 -2.35	73.77 -1.08 -2.70	73.44 -1.01 -2.30	73.71 -0.94 -2.35	81.23 -0.97 -1.07	84.49 -0.83 -1.90	89.70 -0.62 -2.25	91.56 -0.62 -4.10	87.25 -0.96 -0.60	87.35 -0.88 -0.43	80.46 -1.13 -0.63	76.88 -1.17 0.00	72.54 -1.01 -1.55
TALLMAN___138KV_BK151 55660	126.53 5.17 -33.74	106.06 4.86 -15.96	106.04 4.50 -19.72	97.55 4.50 -11.23	98.24 4.37 -12.90	106.36 3.96 -29.12	111.58 4.55 -25.81	101.89 4.03 -25.95	105.27 4.84 -22.40	109.63 5.12 -23.21	94.41 4.74 -16.81	101.14 4.73 -21.35	98.36 4.55 -21.67	95.41 4.55 -18.71	97.99 4.41 -21.29	94.17 5.19 -7.84	102.45 5.17 -13.86	127.33 5.55 -33.72	145.31 5.55 -51.69	113.66 5.43 -20.61	103.42 5.53 -10.09	97.93 5.02 -11.94	91.44 4.60 -8.79	90.10 4.03 -14.06
TEALLAVE_115KV_TB7 355573	89.32 -1.40 -3.10	85.18 -1.53 -1.47	82.08 -1.55 -1.81	81.30 -1.55 -1.03	80.62 -1.54 -1.19	74.57 -1.39 -2.68	82.29 -1.30 -2.37	72.94 -1.37 -2.39	78.69 -1.40 -2.06	82.06 -1.38 -2.13	73.09 -1.31 -1.55	75.68 -1.35 -1.96	72.70 -1.44 -1.99	72.50 -1.37 -1.72	72.95 -1.30 -1.96	80.48 -1.38 -0.72	83.37 -1.33 -1.27	88.63 -1.14 -1.71	90.29 -1.14 -3.36	86.63 -1.49 -0.50	86.75 -1.40 -0.36	79.87 -1.62 -0.52	76.49 -1.56 0.00	71.93 -1.37 -1.29
TELGRAPH_34_KV_EAST 80808	86.31 -6.40 -5.09	80.83 -6.82 -2.41	78.25 -6.55 -2.97	76.97 -6.55 -1.69	76.44 -6.48 -1.94	71.96 -5.72 -4.39	79.02 -6.09 -3.89	68.64 -7.19 -3.91	71.23 -7.02 -0.22	72.29 -6.91 2.10	64.77 -6.56 1.53	66.73 -6.61 1.73	64.81 -7.14 0.20	64.82 -7.07 0.26	64.02 -6.65 1.62	73.52 -8.11 -0.50	75.88 -8.43 -0.88	82.38 -8.54 -2.86	87.21 -8.54 -7.68	81.42 -9.29 -3.09	81.02 -8.34 -1.56	74.07 -8.74 -1.84	72.02 -7.41 -1.39	68.36 -5.76 -2.12
TEMPLE___115KV_TB 2 55572	89.45 -1.31 -3.15	85.20 -1.53 -1.49	82.18 -1.47 -1.84	81.39 -1.47 -1.05	80.63 -1.54 -1.20	74.61 -1.39 -2.72	82.32 -1.30 -2.41	72.97 -1.37 -2.42	78.72 -1.40 -2.09	82.17 -1.30 -2.16	73.19 -1.24 -1.57	75.78 -1.28 -1.99	72.73 -1.44 -2.02	72.52 -1.37 -1.75	73.05 -1.23 -1.99	80.49 -1.38 -0.73	83.47 -1.25 -1.29	88.65 -1.14 -1.73	90.34 -1.14 -3.41	86.72 -1.40 -0.51	86.84 -1.32 -0.36	79.96 -1.54 -0.53	76.57 -1.48 0.00	71.94 -1.37 -1.31
TIANA____69_KV_BK 1 55817	145.42 9.11 -48.69	138.64 8.61 -44.79	129.57 8.10 -39.65	121.66 7.94 -31.90	121.81 7.93 -32.90	116.99 7.04 -36.67	136.71 8.28 -47.21	141.72 7.48 -62.33	148.09 8.51 -61.55	147.68 9.02 -57.35	137.81 8.01 -56.94	127.35 8.18 -44.10	120.23 7.72 -40.36	120.00 7.79 -40.06	102.61 7.74 -22.58	133.87 8.76 -43.97	150.31 9.01 -57.88	176.87 9.78 -79.03	179.10 9.51 -81.51	156.74 9.20 -59.93	147.81 9.22 -50.80	136.97 8.34 -47.66	119.17 7.88 -33.24	94.85 7.20 -15.65
TILDEN___115KV_TB1 80814	90.46 -0.88 -3.72	85.90 -1.11 -1.76	82.85 -1.15 -2.18	81.91 -1.15 -1.24	81.26 -1.13 -1.42	75.47 -1.03 -3.21	83.17 -0.89 -2.85	73.77 -1.01 -2.86	79.49 -1.01 -2.47	82.97 -0.89 -2.56	73.84 -0.87 -1.85	76.52 -0.90 -2.35	73.77 -1.08 -2.70	73.44 -1.01 -2.30	73.71 -0.94 -2.35	81.23 -0.97 -1.07	84.49 -0.83 -1.90	89.70 -0.62 -2.25	91.56 -0.62 -4.10	87.25 -0.96 -0.60	87.35 -0.88 -0.43	80.46 -1.13 -0.63	76.88 -1.17 0.00	72.54 -1.01 -1.55

TRIGEN___CC 323695	143.40 7.10 -48.69	136.77 6.73 -44.79	127.77 6.30 -39.65	120.02 6.30 -31.90	120.10 6.23 -32.90	115.52 5.57 -36.67	134.84 6.42 -47.21	139.85 5.61 -62.33	146.14 6.55 -61.55	145.73 7.07 -57.35	136.21 6.41 -56.94	125.62 6.46 -44.10	118.64 6.13 -40.36	118.41 6.20 -40.06	100.95 6.07 -22.58	132.09 6.98 -43.97	148.31 7.01 -57.88	174.58 7.49 -79.03	177.07 7.49 -81.51	154.99 7.45 -59.93	146.06 7.46 -50.80	135.43 6.80 -47.66	117.61 6.32 -33.24	93.27 5.62 -15.65
TRINITY___115KV___4 BK 55933	133.94 3.33 -42.99	108.48 2.90 -20.33	109.73 2.78 -25.13	98.91 2.78 -14.31	100.15 2.75 -16.43	112.95 2.57 -37.10	116.94 2.84 -32.89	107.42 2.45 -33.06	109.30 2.73 -28.54	113.80 2.93 -29.56	96.90 2.62 -21.42	104.89 2.63 -27.20	102.35 2.60 -27.61	98.52 2.53 -23.84	102.02 2.60 -27.12	94.29 3.16 -9.99	104.25 3.17 -17.65	157.26 3.17 -66.03	180.16 3.17 -88.91	140.01 3.07 -49.32	113.25 3.16 -22.29	108.60 2.91 -24.72	105.74 3.12 -24.57	92.94 3.02 -17.92
UNION___PROCESSING_DRP 323587	88.68 -3.24 -4.30	83.61 -3.67 -2.03	80.81 -3.52 -2.51	79.73 -3.52 -1.43	79.21 -3.40 -1.64	73.92 -3.08 -3.71	81.34 -3.17 -3.29	71.42 -3.81 -3.31	76.75 -4.14 -2.86	79.72 -4.55 -2.97	70.64 -4.37 -2.15	73.73 -4.05 -2.72	69.71 -4.47 -2.03	69.57 -4.40 -1.83	71.02 -3.98 -2.70	77.35 -4.30 -0.52	80.00 -4.34 -0.91	85.67 -4.32 -1.92	88.53 -4.05 -4.50	83.51 -4.82 -0.71	83.90 -4.39 -0.50	77.08 -4.62 -0.73	73.91 -4.14 0.00	70.70 -3.10 -1.79
UPPER HUDSON___HYD 24058	139.80 7.71 -44.48	113.78 7.50 -21.04	114.85 7.04 -26.00	103.73 7.11 -14.80	105.01 7.04 -17.00	118.19 6.52 -38.38	122.63 7.39 -34.02	112.16 6.04 -34.20	114.50 6.94 -29.53	119.37 7.48 -30.59	101.58 6.56 -22.16	109.36 6.16 -28.14	106.34 5.63 -28.56	102.45 5.63 -24.66	106.14 5.79 -28.06	98.12 6.65 -10.33	108.86 7.18 -18.26	189.38 7.93 -93.39	213.16 8.01 -117.07	171.70 7.97 -76.11	129.02 7.91 -33.32	124.17 7.29 -35.91	124.80 6.79 -39.96	96.65 6.12 -18.54
UPPER RAQUET___HYD 24056	86.48 -1.14 0.00	84.22 -1.02 0.00	80.92 -0.90 0.00	81.00 -0.82 0.00	80.16 -0.81 0.00	72.19 -1.10 0.00	79.19 -2.03 0.00	70.63 -1.29 0.00	76.16 -1.87 0.00	79.19 -2.11 0.00	71.47 -1.39 0.00	73.57 -1.50 0.00	70.99 -1.16 0.00	70.92 -1.23 0.00	70.85 -1.45 0.00	79.68 -1.46 0.00	81.42 -2.00 0.00	85.34 -2.73 0.00	85.52 -2.56 0.00	85.43 -2.19 0.00	85.34 -2.46 0.00	79.51 -1.46 0.00	77.19 -0.86 0.00	71.42 -0.58 0.00
VALLEY44_115KV_TB2 355964	86.43 -7.71 -6.53	80.32 -8.01 -3.09	77.86 -7.77 -3.81	76.30 -7.69 -2.17	75.69 -7.77 -2.49	72.03 -6.89 -5.63	78.98 -7.23 -4.99	69.24 -7.70 -5.02	72.10 -8.19 -2.26	76.95 -5.12 -0.77	69.18 -4.23 -0.55	69.34 -6.61 -0.88	66.28 -6.85 -0.98	66.41 -6.64 -0.90	65.78 -7.45 -0.93	73.17 -8.44 -0.47	75.48 -8.76 -0.81	83.92 -8.72 -4.57	88.96 -8.98 -9.87	82.82 -8.85 -4.05	82.11 -7.73 -2.04	74.46 -8.91 -2.40	72.85 -7.02 -1.82	68.17 -6.55 -2.72
VALLEY___115KV_TB 1-4 80826	90.33 2.72 0.00	87.71 2.47 0.00	84.19 2.37 0.00	84.11 2.29 0.00	83.24 2.27 0.00	75.34 2.05 0.00	83.49 2.27 0.00	73.72 1.80 0.00	79.98 1.95 0.00	83.17 1.87 0.00	74.46 1.60 0.00	76.72 1.65 0.00	73.59 1.44 0.00	73.59 1.44 0.00	73.81 1.52 0.00	82.92 1.78 0.00	85.26 1.84 0.00	90.00 1.94 0.00	90.10 2.03 0.00	89.46 1.84 0.00	89.73 1.93 0.00	82.83 1.86 0.00	79.85 1.80 0.00	73.51 1.51 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	108.78 5.96 -15.21	98.15 5.71 -7.19	96.03 5.32 -8.89	92.20 5.32 -5.06	92.21 5.42 -5.81	91.32 4.91 -13.13	98.37 5.52 -11.63	88.43 4.82 -11.70	93.67 5.54 -10.10	97.45 5.69 -10.46	85.61 5.17 -7.58	90.02 5.33 -9.62	86.90 4.98 -9.77	85.49 4.91 -8.43	86.66 4.77 -9.59	90.02 5.35 -3.53	95.59 5.92 -6.25	116.56 6.43 -22.06	124.77 6.52 -30.17	109.90 6.13 -16.15	101.22 6.06 -7.36	94.37 5.18 -8.22	90.76 4.76 -7.95	82.37 4.03 -6.34
VISCHER___FERRY HYD 24020	136.32 5.17 -43.54	110.86 5.03 -20.59	112.01 4.74 -25.45	101.05 4.74 -14.49	102.30 4.69 -16.64	115.11 4.25 -37.57	119.31 4.79 -33.30	109.49 4.10 -33.48	111.62 4.68 -28.90	116.20 4.96 -29.94	98.99 4.44 -21.69	107.04 4.43 -27.54	104.29 4.18 -27.96	100.48 4.18 -24.14	104.02 4.26 -27.46	96.12 4.87 -10.12	106.39 5.09 -17.88	175.33 5.46 -81.80	198.52 5.46 -104.98	157.94 5.43 -64.89	121.92 5.45 -28.68	117.10 4.94 -31.19	116.28 4.68 -33.55	94.39 4.25 -18.14
V_A_10_SYNC_DSASP 323832	86.38 -6.04 -4.81	81.47 -6.05 -2.27	78.82 -5.81 -2.81	77.69 -5.73 -1.60	77.06 -5.75 -1.84	72.38 -5.06 -4.15	79.45 -5.44 -3.68	69.29 -6.33 -3.70	71.86 -6.87 -0.70	72.75 -7.32 1.24	64.89 -7.07 0.90	67.38 -6.83 0.86	65.20 -7.14 -0.20	65.17 -7.14 -0.16	65.01 -6.51 0.78	74.11 -7.54 -0.51	76.57 -7.76 -0.90	83.02 -8.19 -3.14	87.31 -8.01 -7.25	81.19 -9.55 -3.12	81.28 -7.99 -1.47	74.36 -8.34 -1.73	72.40 -6.95 -1.30	68.75 -5.25 -2.00
V_CMM_10_SYNC_DSASP 323787	86.21 -1.41 0.00	84.05 -1.19 0.00	80.75 -1.07 0.00	80.75 -1.07 0.00	79.91 -1.05 0.00	72.33 -0.95 0.00	79.76 -1.46 0.00	71.06 -0.86 0.00	76.71 -1.33 0.00	79.76 -1.55 0.00	71.55 -1.31 0.00	73.64 -1.43 0.00	71.07 -1.08 0.00	70.99 -1.16 0.00	70.99 -1.30 0.00	79.68 -1.46 0.00	81.76 -1.67 0.00	85.95 -2.11 0.00	86.05 -2.02 0.00	86.04 -1.57 0.00	86.04 -1.76 0.00	79.91 -1.05 0.00	77.12 -0.93 0.00	71.21 -0.79 0.00
V_CMP_10_SYNC_DSASP 323788	86.57 -1.05 0.00	84.22 -1.02 0.00	81.16 -0.66 0.00	81.08 -0.74 0.00	80.08 -0.89 0.00	72.33 -0.95 0.00	79.03 -2.19 0.00	70.34 -1.58 0.00	75.85 -2.18 0.00	78.94 -2.36 0.00	70.67 -2.18 0.00	72.59 -2.48 0.00	70.06 -2.09 0.00	69.99 -2.16 0.00	69.98 -2.32 0.00	78.70 -2.43 0.00	80.75 -2.67 0.00	85.07 -2.99 0.00	85.52 -2.56 0.00	85.60 -2.01 0.00	85.61 -2.19 0.00	79.59 -1.38 0.00	76.72 -1.33 0.00	71.21 -0.79 0.00
V_D_10_SYNC_DSASP 323841	86.57 -1.05 0.00	84.31 -0.94 0.00	81.08 -0.74 0.00	81.08 -0.74 0.00	80.24 -0.73 0.00	72.55 -0.73 0.00	80.00 -1.22 0.00	71.27 -0.65 0.00	76.86 -1.17 0.00	79.92 -1.38 0.00	71.77 -1.09 0.00	73.94 -1.12 0.00	71.29 -0.86 0.00	71.21 -0.94 0.00	71.21 -1.08 0.00	80.00 -1.14 0.00	82.01 -1.42 0.00	86.13 -1.94 0.00	86.32 -1.76 0.00	86.30 -1.31 0.00	86.31 -1.49 0.00	80.16 -0.81 0.00	77.42 -0.63 0.00	71.50 -0.50 0.00
V_E_10_SYNC_DSASP 323830	105.23 6.75 -10.87	96.78 6.40 -5.14	93.81 5.64 -6.35	91.00 5.57 -3.62	90.70 5.58 -4.15	87.79 5.13 -9.38	95.62 6.09 -8.31	85.60 5.32 -8.36	91.96 5.86 -8.07	96.02 5.69 -9.02	84.35 4.96 -6.54	88.23 4.95 -8.21	86.25 4.47 -9.63	84.63 4.33 -8.15	84.75 4.26 -8.19	90.31 5.35 -3.82	97.04 6.84 -6.78	110.78 7.84 -14.88	115.70 8.19 -19.44	104.31 7.71 -8.98	99.22 7.20 -4.22	91.54 5.75 -4.82	87.40 5.15 -4.20	80.92 4.39 -4.53
V_F_30_NSYNC___DSASP 323816	138.34 6.39 -44.33	112.52 6.31 -20.97	113.62 5.89 -25.91	102.54 5.97 -14.75	103.82 5.91 -16.95	116.97 5.42 -38.26	121.22 6.09 -33.91	111.04 5.03 -34.09	113.16 5.69 -29.43	117.89 6.10 -30.49	100.34 5.39 -22.09	108.29 5.18 -28.05	105.45 4.83 -28.47	101.57 4.83 -24.58	105.24 4.98 -27.97	97.20 5.76 -10.30	107.80 6.17 -18.20	186.52 6.69 -91.76	210.13 6.69 -115.36	168.81 6.66 -74.54	127.14 6.67 -32.67	122.30 6.08 -35.25	122.81 5.69 -39.07	95.59 5.11 -18.48

V_F_30_SYNC_DSASP 323786	134.55 3.59 -43.34	108.90 3.15 -20.50	110.10 2.95 -25.34	99.19 2.95 -14.43	100.45 2.91 -16.57	113.40 2.71 -37.40	117.46 3.09 -33.16	107.84 2.59 -33.33	109.77 2.97 -28.77	114.28 3.17 -29.81	97.22 2.77 -21.60	105.27 2.78 -27.42	102.73 2.74 -27.83	98.93 2.74 -24.04	102.45 2.82 -27.34	94.61 3.41 -10.07	104.64 3.42 -17.80	164.04 3.43 -72.53	187.12 3.43 -95.61	146.64 3.33 -55.69	116.13 3.42 -24.91	111.51 3.16 -27.38	109.64 3.36 -28.23	93.23 3.17 -18.06
V_XM_10_SYNC_DSASP 323789	86.57 -1.05 0.00	84.22 -1.02 0.00	81.16 -0.66 0.00	81.08 -0.74 0.00	80.08 -0.89 0.00	72.33 -0.95 0.00	79.03 -2.19 0.00	70.34 -1.58 0.00	75.85 -2.18 0.00	78.94 -2.36 0.00	70.67 -2.18 0.00	72.59 -2.48 0.00	70.06 -2.09 0.00	69.99 -2.16 0.00	69.98 -2.32 0.00	78.70 -2.43 0.00	80.75 -2.67 0.00	85.07 -2.99 0.00	85.52 -2.56 0.00	85.60 -2.01 0.00	85.61 -2.19 0.00	79.59 -1.38 0.00	76.72 -1.33 0.00	71.21 -0.79 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	126.99 5.43 -33.94	106.41 5.11 -16.05	106.40 4.75 -19.84	97.86 4.75 -11.30	98.56 4.62 -12.97	106.75 4.18 -29.29	111.97 4.79 -25.96	102.26 4.24 -26.10	105.56 4.99 -22.53	110.01 5.37 -23.34	94.72 4.95 -16.91	101.49 4.95 -21.47	98.71 4.76 -21.79	95.73 4.76 -18.82	98.33 4.63 -21.41	94.46 5.44 -7.89	102.78 5.42 -13.94	127.79 5.81 -33.91	145.96 5.90 -51.99	114.13 5.78 -20.73	103.74 5.79 -10.15	98.24 5.26 -12.01	91.73 4.84 -8.84	90.39 4.25 -14.14
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	129.27 6.48 -35.17	107.93 6.05 -16.64	107.94 5.56 -20.56	99.17 5.65 -11.71	100.00 5.59 -13.45	108.48 4.84 -30.35	113.89 5.77 -26.91	104.07 5.11 -27.05	107.47 6.09 -23.35	112.00 6.50 -24.19	96.28 5.90 -17.53	103.33 6.01 -22.25	100.44 5.70 -22.59	97.36 5.70 -19.51	100.05 5.57 -22.19	95.80 6.49 -8.17	104.29 6.42 -14.44	129.92 6.69 -35.16	148.75 6.78 -53.89	115.77 6.66 -21.49	105.08 6.76 -10.52	99.65 6.23 -12.45	93.00 5.78 -9.17	91.77 5.11 -14.66
W50THST__13_KV_LOAD 356117	129.71 6.92 -35.17	108.27 6.39 -16.64	108.27 5.89 -20.56	99.50 5.97 -11.71	100.40 5.99 -13.45	108.84 5.20 -30.35	114.21 6.09 -26.91	104.36 5.39 -27.05	107.78 6.40 -23.35	112.40 6.91 -24.19	96.65 6.27 -17.53	103.70 6.38 -22.25	100.80 6.06 -22.59	97.72 6.06 -19.51	100.41 5.93 -22.19	96.21 6.90 -8.17	104.71 6.84 -14.44	130.36 7.13 -35.16	149.19 7.22 -53.89	116.21 7.10 -21.49	105.43 7.11 -10.52	99.98 6.56 -12.45	93.39 6.17 -9.17	92.06 5.40 -14.66
WADING RIVER_IC_1 23522	145.15 8.85 -48.69	138.39 8.36 -44.79	129.33 7.86 -39.65	121.50 7.78 -31.90	121.57 7.70 -32.90	116.77 6.82 -36.67	136.47 8.04 -47.21	141.44 7.19 -62.33	147.85 8.27 -61.55	147.44 8.78 -57.35	137.67 7.87 -56.94	127.12 7.95 -44.10	120.08 7.57 -40.36	119.78 7.57 -40.06	102.39 7.52 -22.58	133.62 8.52 -43.97	150.06 8.76 -57.88	176.61 9.51 -79.03	178.92 9.33 -81.51	156.66 9.11 -59.93	147.64 9.05 -50.80	136.81 8.17 -47.66	119.02 7.73 -33.24	94.63 6.98 -15.65
WADING RIVER_IC_2 23547	145.15 8.85 -48.69	138.39 8.36 -44.79	129.33 7.86 -39.65	121.50 7.78 -31.90	121.57 7.70 -32.90	116.77 6.82 -36.67	136.47 8.04 -47.21	141.44 7.19 -62.33	147.85 8.27 -61.55	147.44 8.78 -57.35	137.67 7.87 -56.94	127.12 7.95 -44.10	120.08 7.57 -40.36	119.78 7.57 -40.06	102.39 7.52 -22.58	133.62 8.52 -43.97	150.06 8.76 -57.88	176.61 9.51 -79.03	178.92 9.33 -81.51	156.66 9.11 -59.93	147.64 9.05 -50.80	136.81 8.17 -47.66	119.02 7.73 -33.24	94.63 6.98 -15.65
WADING RIVER_IC_3 23601	145.15 8.85 -48.69	138.39 8.36 -44.79	129.33 7.86 -39.65	121.50 7.78 -31.90	121.57 7.70 -32.90	116.77 6.82 -36.67	136.47 8.04 -47.21	141.44 7.19 -62.33	147.85 8.27 -61.55	147.44 8.78 -57.35	137.67 7.87 -56.94	127.12 7.95 -44.10	120.08 7.57 -40.36	119.78 7.57 -40.06	102.39 7.52 -22.58	133.62 8.52 -43.97	150.06 8.76 -57.88	176.61 9.51 -79.03	178.92 9.33 -81.51	156.66 9.11 -59.93	147.64 9.05 -50.80	136.81 8.17 -47.66	119.02 7.73 -33.24	94.63 6.98 -15.65
WALDENNY_12_KV_BK2 80841	86.27 -7.10 -5.75	80.46 -7.50 -2.72	77.90 -7.28 -3.36	76.53 -7.20 -1.91	75.88 -7.29 -2.20	71.88 -6.38 -4.96	78.88 -6.74 -4.40	68.58 -7.77 -4.42	68.76 -8.12 1.15	69.18 -7.15 4.97	62.69 -6.56 3.61	63.57 -7.36 4.14	62.95 -7.72 1.48	63.11 -7.65 1.40	60.81 -7.52 3.96	72.94 -8.68 -0.49	75.18 -9.09 -0.84	81.18 -9.33 -2.45	87.43 -9.34 -8.69	81.30 -9.81 -3.49	80.89 -8.69 -1.78	73.76 -9.31 -2.10	71.99 -7.65 -1.59	68.21 -6.19 -2.40
WALDEN__HYDRO 24148	127.05 5.34 -34.09	106.48 5.11 -16.12	106.49 4.75 -19.92	97.91 4.75 -11.34	98.69 4.70 -13.03	106.88 4.18 -29.42	112.08 4.79 -26.08	102.30 4.17 -26.21	105.58 4.92 -22.63	109.95 5.20 -23.44	94.58 4.74 -16.98	101.44 4.80 -21.57	98.58 4.55 -21.89	95.60 4.55 -18.90	98.21 4.41 -21.50	94.25 5.19 -7.92	102.76 5.34 -14.00	128.04 5.72 -34.25	146.29 5.81 -52.40	114.31 5.70 -21.00	103.77 5.71 -10.27	98.21 5.10 -12.14	91.72 4.68 -8.99	90.31 4.10 -14.21
WARRENSBURG____ 23737	139.80 7.71 -44.48	113.78 7.50 -21.04	114.85 7.04 -26.00	103.73 7.11 -14.80	105.01 7.04 -17.00	118.19 6.52 -38.38	122.63 7.39 -34.02	112.16 6.04 -34.20	114.50 6.94 -29.53	119.37 7.48 -30.59	101.58 6.56 -22.16	109.36 6.16 -28.14	106.34 5.63 -28.56	102.45 5.63 -24.66	106.14 5.79 -28.06	98.12 6.65 -10.33	108.86 7.18 -18.26	189.38 7.93 -93.39	213.16 8.01 -117.07	171.70 7.97 -76.11	129.02 7.91 -33.32	124.17 7.29 -35.91	124.80 6.79 -39.96	96.65 6.12 -18.54
WATERSIDE____6 8 9 23538	129.53 6.75 -35.17	105.85 6.31 -14.30	105.86 5.81 -18.24	99.24 5.73 -11.70	99.99 5.59 -13.44	108.47 4.84 -30.35	112.89 5.77 -25.91	104.09 5.18 -26.99	104.88 6.16 -20.68	109.15 6.67 -21.18	93.71 6.05 -14.81	100.03 6.08 -18.89	97.42 5.77 -19.50	94.53 5.84 -16.54	96.95 5.71 -18.95	92.52 6.65 -4.73	100.93 6.67 -10.83	126.16 6.96 -31.13	140.82 7.05 -45.69	108.24 6.92 -13.70	102.15 7.02 -7.32	96.64 6.56 -9.11	90.58 6.09 -6.44	89.26 5.33 -11.93
WATKINRD_115KV_LN8_ILLION 55919	89.89 2.28 0.00	87.37 2.13 0.00	83.78 1.96 0.00	83.78 1.96 0.00	82.91 1.94 0.00	75.05 1.76 0.00	83.25 2.03 0.00	73.57 1.65 0.00	79.83 1.79 0.00	83.17 1.87 0.00	74.53 1.68 0.00	76.79 1.73 0.00	73.74 1.59 0.00	73.74 1.59 0.00	73.88 1.59 0.00	83.00 1.87 0.00	85.34 1.92 0.00	90.09 2.03 0.00	90.19 2.11 0.00	89.54 1.93 0.00	89.73 1.93 0.00	82.83 1.86 0.00	79.77 1.72 0.00	73.51 1.51 0.00
WATSON__69_KV_BK 1 55734	145.42 9.11 -48.69	138.64 8.61 -44.79	129.57 8.10 -39.65	121.74 8.02 -31.90	121.81 7.93 -32.90	116.99 7.04 -36.67	136.63 8.20 -47.21	141.58 7.34 -62.33	147.94 8.35 -61.55	147.52 8.86 -57.35	137.89 8.09 -56.94	127.35 8.18 -44.10	120.30 7.79 -40.36	120.07 7.86 -40.06	102.68 7.81 -22.58	133.95 8.84 -43.97	150.23 8.93 -57.88	176.69 9.60 -79.03	179.18 9.60 -81.51	156.92 9.37 -59.93	148.08 9.48 -50.80	137.22 8.58 -47.66	119.40 8.12 -33.24	94.92 7.27 -15.65
WDELAWARE__HYD 323627	124.95 5.26 -32.08	105.53 5.11 -15.17	105.31 4.74 -18.75	97.16 4.66 -10.68	97.84 4.61 -12.26	105.07 4.10 -27.69	110.63 4.87 -24.54	100.61 4.03 -24.67	104.09 4.76 -21.30	108.33 4.96 -22.06	93.29 4.44 -15.99	99.79 4.43 -20.30	96.93 4.18 -20.60	94.12 4.18 -17.79	96.65 4.12 -20.24	93.46 4.87 -7.45	101.77 5.17 -13.17	126.66 5.72 -32.87	143.94 5.90 -49.96	113.72 5.69 -20.41	103.43 5.70 -9.93	97.68 5.02 -11.69	91.33 4.45 -8.83	89.26 3.89 -13.37

WEST BABYLON___IC 23714	144.98 8.67 -48.69	138.22 8.18 -44.79	129.08 7.61 -39.65	121.33 7.61 -31.90	121.40 7.53 -32.90	116.62 6.67 -36.67	136.22 7.80 -47.21	141.15 6.90 -62.33	147.55 7.96 -61.55	147.11 8.46 -57.35	137.52 7.72 -56.94	126.97 7.81 -44.10	119.94 7.43 -40.36	119.71 7.50 -40.06	102.25 7.37 -22.58	133.63 8.52 -43.97	149.90 8.59 -57.88	176.25 9.16 -79.03	178.74 9.16 -81.51	156.57 9.02 -59.93	147.73 9.13 -50.80	136.89 8.26 -47.66	119.09 7.81 -33.24	94.64 6.98 -15.65
WEST CANADA___HYD 24049	88.40 0.79 0.00	85.92 0.68 0.00	82.47 0.65 0.00	82.47 0.65 0.00	81.61 0.64 0.00	73.87 0.58 0.00	81.95 0.73 0.00	72.43 0.51 0.00	78.73 0.70 0.00	82.03 0.73 0.00	73.51 0.65 0.00	75.74 0.67 0.00	72.80 0.65 0.00	72.80 0.65 0.00	72.94 0.65 0.00	81.86 0.73 0.00	84.17 0.75 0.00	88.95 0.88 0.00	88.96 0.88 0.00	88.40 0.79 0.00	88.59 0.79 0.00	81.70 0.73 0.00	78.67 0.62 0.00	72.51 0.51 0.00
WESTERN_NY_WIND 24143	87.79 -4.82 -4.99	82.23 -5.37 -2.36	79.58 -5.15 -2.92	78.41 -5.07 -1.66	77.86 -5.02 -1.91	73.13 -4.47 -4.31	80.41 -4.63 -3.82	70.01 -5.75 -3.84	72.96 -5.54 -0.47	74.17 -5.53 1.60	66.37 -5.32 1.17	68.53 -5.25 1.29	66.26 -5.92 -0.02	66.33 -5.77 0.05	65.75 -5.35 1.19	75.15 -6.49 -0.50	77.72 -6.59 -0.88	84.68 -6.34 -2.95	89.27 -6.34 -7.53	83.39 -7.27 -3.04	82.92 -6.41 -1.53	75.81 -6.96 -1.81	73.48 -5.93 -1.36	69.62 -4.46 -2.08
WESTOVER___LESR 323668	98.50 -0.35 -11.24	90.05 -0.51 -5.31	87.81 -0.57 -6.57	84.98 -0.57 -3.74	84.62 -0.65 -4.29	82.47 -0.51 -9.70	89.49 -0.32 -8.59	79.84 -0.72 -8.64	84.87 -0.62 -7.46	88.87 -0.16 -7.73	78.31 -0.15 -5.60	81.72 -0.45 -7.11	78.06 -0.65 -6.56	77.31 -0.58 -5.73	78.72 -0.65 -7.08	82.59 -0.73 -2.18	86.69 -0.58 -3.85	99.30 -0.35 -11.59	105.60 -0.35 -17.87	94.63 -0.61 -7.63	91.13 -0.35 -3.69	84.38 -0.89 -4.31	80.82 -0.62 -3.39	76.11 -0.58 -4.68
WETHRSFD_WT_PWR 323626	86.58 -7.54 -6.50	80.82 -7.50 -3.08	78.25 -7.36 -3.80	76.70 -7.28 -2.16	76.09 -7.37 -2.49	72.38 -6.52 -5.61	79.21 -6.99 -4.97	69.29 -7.63 -5.00	56.96 -8.27 12.80	46.98 -7.81 26.52	46.55 -7.07 19.24	44.61 -7.81 22.65	53.05 -8.08 11.02	54.03 -8.01 10.11	42.59 -7.73 21.97	72.81 -8.68 -0.36	75.36 -8.68 -0.61	76.17 -8.81 3.09	89.34 -8.54 -9.80	83.52 -8.15 -4.05	81.67 -8.16 -2.03	75.10 -8.26 -2.39	72.38 -7.49 -1.82	68.45 -6.26 -2.71
WHAVSTOR_138KV_BK127 55557	126.67 5.08 -33.98	106.09 4.77 -16.07	106.10 4.42 -19.86	97.54 4.42 -11.31	98.25 4.29 -12.99	106.49 3.88 -29.32	111.67 4.47 -25.99	102.00 3.96 -26.13	105.35 4.76 -22.56	109.71 5.04 -23.37	94.45 4.66 -16.93	101.22 4.65 -21.50	98.44 4.47 -21.82	95.47 4.47 -18.84	98.06 4.34 -21.43	94.14 5.11 -7.89	102.47 5.09 -13.95	127.39 5.37 -33.95	145.58 5.46 -52.05	113.71 5.34 -20.75	103.40 5.44 -10.16	97.93 4.94 -12.02	91.43 4.53 -8.85	90.12 3.96 -14.16
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	126.67 5.08 -33.98	106.09 4.77 -16.07	106.10 4.42 -19.86	97.54 4.42 -11.31	98.25 4.29 -12.99	106.49 3.88 -29.32	111.67 4.47 -25.99	102.00 3.96 -26.13	105.35 4.76 -22.56	109.71 5.04 -23.37	94.45 4.66 -16.93	101.22 4.65 -21.50	98.44 4.47 -21.82	95.47 4.47 -18.84	98.06 4.34 -21.43	94.14 5.11 -7.89	102.47 5.09 -13.95	127.39 5.37 -33.95	145.58 5.46 -52.05	113.71 5.34 -20.75	103.40 5.44 -10.16	97.93 4.94 -12.02	91.43 4.53 -8.85	90.12 3.96 -14.16
WHITEHAL_115KV_TB1 80871	141.30 9.29 -44.39	115.28 9.04 -21.00	116.19 8.43 -25.95	105.10 8.51 -14.78	106.44 8.50 -16.97	119.44 7.84 -38.31	124.03 8.85 -33.96	113.32 7.26 -34.14	115.85 8.35 -29.47	120.78 8.94 -30.53	102.77 7.80 -22.12	110.44 7.28 -28.09	107.37 6.71 -28.51	103.41 6.64 -24.62	107.24 6.94 -28.01	99.56 8.11 -10.31	110.50 8.84 -18.23	190.32 9.78 -92.48	214.15 9.95 -116.12	172.57 9.73 -75.23	130.59 9.83 -32.96	125.26 8.74 -35.55	125.79 8.27 -39.46	97.85 7.34 -18.50
WHITEPLN_13_KV_LOAD 356215	129.38 6.66 -35.10	108.07 6.22 -16.60	108.15 5.81 -20.52	99.23 5.73 -11.68	100.05 5.67 -13.42	108.78 5.20 -30.29	114.00 5.93 -26.85	104.16 5.25 -26.99	107.50 6.16 -23.30	112.03 6.59 -24.14	96.32 5.97 -17.49	103.36 6.08 -22.21	100.46 5.77 -22.54	97.46 5.84 -19.47	100.08 5.64 -22.14	95.86 6.57 -8.16	104.60 6.76 -14.41	130.38 7.22 -35.09	149.17 7.31 -53.79	116.26 7.18 -21.45	105.59 7.29 -10.50	99.95 6.56 -12.43	93.13 5.93 -9.15	91.81 5.18 -14.63
WM_FLOYD_69_KV_BK2 356380	144.98 8.67 -48.69	138.30 8.27 -44.79	129.16 7.69 -39.65	121.33 7.61 -31.90	121.40 7.53 -32.90	116.70 6.74 -36.67	136.30 7.88 -47.21	141.29 7.05 -62.33	147.70 8.12 -61.55	147.19 8.54 -57.35	137.52 7.72 -56.94	126.97 7.81 -44.10	119.94 7.43 -40.36	119.71 7.50 -40.06	102.25 7.37 -22.58	133.55 8.44 -43.97	149.81 8.51 -57.88	176.34 9.25 -79.03	178.66 9.07 -81.51	156.39 8.85 -59.93	147.46 8.87 -50.80	136.65 8.02 -47.66	118.94 7.65 -33.24	94.49 6.84 -15.65
WOODARD___115KV_TB2 355635	89.38 -1.40 -3.17	85.12 -1.62 -1.50	82.11 -1.55 -1.85	81.24 -1.64 -1.05	80.56 -1.62 -1.21	74.56 -1.47 -2.73	82.26 -1.38 -2.42	72.92 -1.44 -2.44	78.65 -1.48 -2.10	82.02 -1.46 -2.18	73.05 -1.38 -1.58	75.65 -1.43 -2.00	72.67 -1.52 -2.03	72.46 -1.44 -1.76	72.92 -1.37 -2.00	80.41 -1.46 -0.74	83.39 -1.33 -1.30	88.58 -1.23 -1.74	90.27 -1.23 -3.43	86.55 -1.58 -0.51	86.76 -1.40 -0.37	79.88 -1.62 -0.53	76.41 -1.64 0.00	71.88 -1.44 -1.32
YORK___WARBASSE 23770	129.68 6.83 -35.23	124.56 6.31 -33.01	124.47 5.81 -36.85	99.31 5.73 -11.76	100.06 5.59 -13.50	108.46 4.76 -30.41	120.93 5.77 -33.94	104.58 5.18 -27.49	126.37 6.24 -42.09	133.35 6.75 -45.30	115.77 6.19 -36.72	127.27 6.23 -45.98	122.28 5.92 -44.21	118.47 5.99 -40.33	122.98 5.78 -44.90	120.47 6.90 -32.44	130.13 6.92 -39.78	158.79 7.31 -63.42	206.93 7.49 -111.36	171.07 7.36 -76.09	128.10 7.38 -32.93	123.61 6.80 -35.84	112.58 6.24 -28.28	111.25 5.47 -33.78