

# Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										01/18/2025	
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	74.94	74.28	72.75	74.08	74.16	75.11	71.27	66.13	70.05	89.36	106.06	112.47	110.51	105.70	102.46	105.14	117.61	148.86	144.36	135.83	129.65	115.98	98.63	105.70								
		4.90	4.60	4.31	4.39	4.40	4.78	4.66	4.32	4.87	6.14	7.21	6.88	6.64	6.64	6.93	6.86	7.09	6.85	7.18	6.54	6.24	6.15	6.31	5.80								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.16	-6.48	-13.45	-23.80	-34.63	-33.18	-28.45	-24.84	-27.52	-38.91	-70.71	-62.35	-58.21	-52.56	-39.11	-21.39	-29.18								
74TH STREET_GT_1	24260	74.73	74.00	72.47	73.80	73.88	74.83	71.07	65.91	69.82	89.08	105.77	112.27	110.24	105.42	102.18	104.93	117.40	148.65	144.07	135.56	129.37	115.78	98.42	105.42								
		4.69	4.32	4.04	4.11	4.12	4.50	4.46	4.10	4.64	5.86	6.91	6.67	6.36	6.36	6.64	6.65	6.87	6.63	6.88	6.25	5.95	5.94	6.10	5.52								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.16	-6.48	-13.45	-23.80	-34.63	-33.19	-28.46	-24.85	-27.53	-38.92	-70.72	-62.36	-58.22	-52.57	-39.12	-21.39	-29.19								
74TH STREET_GT_2	24261	74.73	74.00	72.47	73.80	73.88	74.83	71.07	65.91	69.82	89.08	105.77	112.27	110.24	105.42	102.18	104.93	117.40	148.65	144.07	135.56	129.37	115.78	98.42	105.42								
		4.69	4.32	4.04	4.11	4.12	4.50	4.46	4.10	4.64	5.86	6.91	6.67	6.36	6.36	6.64	6.65	6.87	6.63	6.88	6.25	5.95	5.94	6.10	5.52								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.16	-6.48	-13.45	-23.80	-34.63	-33.19	-28.46	-24.85	-27.53	-38.92	-70.72	-62.36	-58.22	-52.57	-39.12	-21.39	-29.19								
ADK HUDSON___FALLS	24011	73.89	73.31	71.86	73.38	73.81	74.41	70.27	132.08	129.36	136.01	188.82	173.26	182.61	194.01	191.08	203.53	231.27	166.75	160.28	150.62	143.04	125.70	103.61	112.98								
		3.85	3.62	3.42	3.69	4.05	4.08	3.66	3.22	3.58	4.40	4.88	4.68	5.94	5.93	6.15	6.23	6.37	6.35	6.88	6.18	5.95	5.73	5.75	5.52								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-74.21	-67.07	-61.85	-108.89	-97.61	-105.98	-117.46	-114.24	-126.55	-153.30	-89.11	-78.57	-73.36	-66.23	-49.26	-26.93	-36.75								
ADK RESOURCE___RCVRY	23798	74.10	73.51	72.06	73.58	74.09	74.62	70.53	132.59	129.85	136.53	189.54	173.77	183.39	194.88	191.88	204.45	232.28	167.32	160.79	151.10	143.58	126.09	103.99	113.36								
		4.06	3.83	3.62	3.90	4.33	4.29	3.93	3.39	3.76	4.68	5.18	4.89	6.36	6.36	6.50	6.65	6.81	6.85	7.34	6.61	6.45	6.08	6.10	5.87								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-74.55	-67.38	-62.09	-109.31	-97.91	-106.34	-117.91	-114.69	-127.05	-153.87	-89.17	-78.62	-73.41	-66.28	-49.29	-26.95	-36.78								
ADK S GLENS___FALLS	24028	73.89	73.31	71.86	73.38	73.81	74.41	70.27	132.08	129.36	136.01	188.82	173.26	182.61	194.01	191.08	203.53	231.27	166.75	160.28	150.62	143.04	125.70	103.61	112.98								
		3.85	3.62	3.42	3.69	4.05	4.08	3.66	3.22	3.58	4.40	4.88	4.68	5.94	5.93	6.15	6.23	6.37	6.35	6.88	6.18	5.95	5.73	5.75	5.52								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-74.21	-67.07	-61.85	-108.89	-97.61	-105.98	-117.46	-114.24	-126.55	-153.30	-89.11	-78.57	-73.36	-66.23	-49.26	-26.93	-36.75								
ADK_NYS___DAM	23527	74.80	74.21	72.75	74.21	74.36	75.25	71.14	116.81	115.78	126.00	169.95	159.91	165.17	172.31	169.35	179.25	203.53	162.95	156.61	147.47	140.22	123.80	102.64	111.67								
		4.76	4.53	4.31	4.53	4.60	4.92	4.53	4.53	4.99	6.14	6.68	6.31	5.94	5.79	6.15	6.01	6.30	5.77	6.06	5.69	5.53	5.59	5.74	5.52								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-57.63	-52.09	-50.09	-88.21	-82.63	-88.54	-95.91	-92.52	-102.49	-125.63	-85.88	-75.72	-70.70	-63.83	-47.49	-25.97	-35.43								
AIR_PRODUCTS___DRP	24190	72.70	72.12	70.83	72.26	72.41	73.14	68.94	97.99	98.31	111.46	146.90	143.46	146.35	149.12	145.25	152.83	173.70	159.85	153.45	144.46	137.48	120.99	99.69	109.17								
		2.66	2.44	2.40	2.58	2.65	2.81	2.33	2.13	2.35	2.93	3.53	3.41	3.25	3.18	2.97	2.76	2.72	2.35	2.62	2.42	2.55	2.62	2.70	2.90								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-41.21	-37.25	-38.76	-68.31	-69.09	-72.41	-75.33	-71.60	-79.31	-99.37	-86.20	-76.00	-70.97	-64.07	-47.65	-26.06	-35.56								
AKWESSNE_115KV_BK	355683	69.13	69.20	68.02	69.13	69.06	68.92	65.67	54.05	57.83	68.65	60.01	68.30	68.92	68.85	68.85	68.85	67.75	68.88	72.28	68.95	69.16	69.16	69.16	69.30								
		-0.91	-0.49	-0.41	-0.56	-0.70	-1.41	-0.93	-0.60	-0.88	-1.12	-1.88	-1.77	-1.77	-1.77	-1.84	-1.91	-2.36	-2.42	-2.54	-2.13	-1.70	-1.56	-1.77	-1.41								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.17	0.89	0.00	0.00	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ALBANY_1_SOLAR	323833	73.68	73.17	71.79	73.31	73.52	74.19	69.80	86.98	88.36	103.68	132.99	133.60	134.84	134.79	130.91	137.11	155.69	159.36	153.11	144.09	137.22	120.93	100.01	109.19								
		3.64	3.48	3.35	3.62	3.76	3.87	3.20	2.46	2.64	3.14	3.68	3.55	3.46	3.46	3.39	3.40	3.44	3.35	3.59	3.27	3.40	3.39	3.47	3.53								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-29.88	-27.00	-30.77	-54.26	-59.09	-60.69	-60.72	-56.83	-62.95	-80.65	-84.71	-74.69	-69.74	-62.96	-46.82	-25.60	-34.93								
ALBANY_2_SOLAR	323834	73.68	73.10	71.79	73.24	73.46	74.12	69.80	86.91	88.34	103.67	132.97	133.59	134.82	134.70	130.89	137.08	155.66	159.37	153.12	144.09	137.22	120.87	100.01	109.19								
		3.64	3.41	3.35	3.55	3.69	3.80	3.20	2.40	2.64	3.14	3.68	3.55	3.46	3.39	3.39	3.40	3.44	3.35	3.59	3.27	3.40	3.32	3.47	3.53								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-29.86	-26.99	-30.75	-54.24	-59.07	-60.67	-60.70	-56.81	-62.93	-80.62	-84.72	-74.70	-69.74	-62.97	-46.82	-25.60	-34.94								
ALBANY___1	23571	72.70	72.12	70.83	72.26	72.41	73.14	68.94	97.99	98.31	111.46	146.90	143.46	146.35	149.12	145.25	152.83	173.70	159.85	153.45	144.46	137.48	120.99	99.69	109.17								
		2.66	2.44	2.40	2.58	2.65	2.81	2.33	2.13	2.35	2.93	3.53	3.41	3.25	3.18	2.97	2.76	2.72	2.35	2.62	2.42	2.55	2.62	2.70	2.90								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-41.21	-37.25	-38.76	-68.31	-69.09	-72.41	-75.33	-71.60	-79.31	-99.37	-86.20	-76.00	-70.97	-64.07	-47.65	-26.06	-35.56								

ALBANY___2 23572	72.70 2.66 0.00	72.12 2.44 0.00	70.83 2.40 0.00	72.26 2.58 0.00	72.41 2.65 0.00	73.14 2.81 0.00	68.94 2.33 0.00	97.99 2.13 -41.21	98.31 2.35 -37.25	111.46 2.93 -38.76	146.90 3.53 -68.31	143.46 3.41 -69.09	146.35 3.25 -72.41	149.12 3.18 -75.33	145.25 2.97 -71.60	152.83 2.76 -79.31	173.70 2.72 -99.37	159.85 2.35 -86.20	153.45 2.62 -76.00	144.46 2.42 -70.97	137.48 2.55 -64.07	120.99 2.62 -47.65	99.69 2.70 -26.06	109.17 2.90 -35.56
ALBANY___3 23573	72.70 2.66 0.00	72.12 2.44 0.00	70.83 2.40 0.00	72.26 2.58 0.00	72.41 2.65 0.00	73.14 2.81 0.00	68.94 2.33 0.00	97.99 2.13 -41.21	98.31 2.35 -37.25	111.46 2.93 -38.76	146.90 3.53 -68.31	143.46 3.41 -69.09	146.35 3.25 -72.41	149.12 3.18 -75.33	145.25 2.97 -71.60	152.83 2.76 -79.31	173.70 2.72 -99.37	159.85 2.35 -86.20	153.45 2.62 -76.00	144.46 2.42 -70.97	137.48 2.55 -64.07	120.99 2.62 -47.65	99.69 2.70 -26.06	109.17 2.90 -35.56
ALBANY___4 23574	72.70 2.66 0.00	72.12 2.44 0.00	70.83 2.40 0.00	72.26 2.58 0.00	72.41 2.65 0.00	73.14 2.81 0.00	68.94 2.33 0.00	97.99 2.13 -41.21	98.31 2.35 -37.25	111.46 2.93 -38.76	146.90 3.53 -68.31	143.46 3.41 -69.09	146.35 3.25 -72.41	149.12 3.18 -75.33	145.25 2.97 -71.60	152.83 2.76 -79.31	173.70 2.72 -99.37	159.85 2.35 -86.20	153.45 2.62 -76.00	144.46 2.42 -70.97	137.48 2.55 -64.07	120.99 2.62 -47.65	99.69 2.70 -26.06	109.17 2.90 -35.56
ALBANY___LFGE 323615	73.19 3.15 0.00	72.61 2.93 0.00	71.31 2.87 0.00	72.68 2.99 0.00	72.90 3.14 0.00	73.63 3.31 0.00	69.40 2.80 0.00	109.19 2.57 -51.98	108.57 2.88 -46.98	119.60 3.56 -46.27	160.78 4.20 -81.52	153.35 4.04 -78.34	157.89 3.89 -83.32	163.46 3.81 -89.04	159.77 3.60 -85.48	168.98 3.54 -94.69	191.95 3.44 -116.91	161.39 3.06 -87.03	154.93 3.37 -76.73	145.85 3.12 -71.65	138.80 3.26 -64.68	122.09 3.25 -48.11	100.58 3.33 -26.31	110.08 3.46 -35.90
ALCOA_PA_115KV_PL-6C 55860	69.34 -0.70 0.00	69.41 -0.28 0.00	68.16 -0.27 0.00	69.27 -0.42 0.00	69.20 -0.56 0.00	68.92 -1.41 0.00	65.67 -0.93 0.00	54.21 -0.44 0.00	57.89 -0.82 0.00	68.51 -1.26 0.00	60.44 -1.88 12.74	68.19 -1.92 0.86	68.78 -1.91 0.00	68.78 -1.84 0.00	68.71 -1.98 0.00	68.63 -2.12 0.00	67.73 -2.43 1.44	68.73 -2.57 0.00	72.21 -2.62 0.00	68.95 -2.13 0.00	69.16 -1.70 0.00	69.23 -1.49 0.00	69.30 -1.63 0.00	69.45 -1.27 0.00
ALCOA_RYNLDS___DRP 24188	69.34 -0.70 0.00	69.41 -0.28 0.00	68.16 -0.27 0.00	69.27 -0.42 0.00	69.20 -0.56 0.00	68.92 -1.41 0.00	65.67 -0.93 0.00	54.21 -0.44 0.00	57.89 -0.82 0.00	68.51 -1.26 0.00	60.44 -1.88 12.74	68.19 -1.92 0.86	68.78 -1.91 0.00	68.78 -1.84 0.00	68.71 -1.98 0.00	68.63 -2.12 0.00	67.73 -2.43 1.44	68.73 -2.57 0.00	72.21 -2.62 0.00	68.95 -2.13 0.00	69.16 -1.70 0.00	69.23 -1.49 0.00	69.30 -1.63 0.00	69.45 -1.27 0.00
ALCOA___DSASP 323711	69.34 -0.70 0.00	69.41 -0.28 0.00	68.16 -0.27 0.00	69.27 -0.42 0.00	69.20 -0.56 0.00	68.92 -1.41 0.00	65.67 -0.93 0.00	54.21 -0.44 0.00	57.89 -0.82 0.00	68.44 -1.33 0.00	60.44 -1.87 12.74	68.19 -1.91 0.86	68.78 -1.91 0.00	68.78 -1.84 0.00	68.71 -1.98 0.00	68.64 -2.12 0.00	67.73 -2.43 1.44	68.74 -2.56 0.00	72.21 -2.62 0.00	68.95 -2.13 0.00	69.09 -1.77 0.00	69.23 -1.49 0.00	69.30 -1.63 0.00	69.45 -1.27 0.00
ALLEGHENY___COGEN 23514	69.83 -0.21 0.00	68.71 -0.98 0.00	67.07 -1.37 0.00	68.01 -1.67 0.00	68.29 -1.47 0.00	69.84 -0.49 0.00	66.34 -0.27 0.00	54.54 -0.11 0.00	58.30 -0.41 0.00	70.96 -1.33 -2.52	78.24 -1.28 -4.45	99.66 -1.14 -29.84	92.94 -1.41 -23.66	74.63 -1.27 -5.29	74.28 -1.06 -4.65	75.56 -0.35 -5.15	79.90 1.29 -7.00	86.86 2.92 -12.64	89.26 3.29 -11.14	83.76 2.27 -10.41	81.95 1.70 -9.39	78.97 1.27 -6.98	76.45 1.70 -3.82	77.84 1.91 -5.21
ALTAMONT_115KV_TB 2 55880	72.63 2.59 0.00	72.12 2.44 0.00	70.83 2.40 0.00	72.19 2.51 0.00	72.41 2.65 0.00	73.14 2.81 0.00	69.00 2.40 0.00	86.82 1.97 -30.21	88.18 2.17 -27.30	103.65 2.72 -31.15	133.23 3.23 -54.94	133.94 3.05 -59.92	135.25 3.04 -61.52	135.08 2.97 -61.50	131.20 2.97 -57.55	137.48 2.97 -63.75	156.39 3.08 -81.70	160.49 3.07 -86.12	154.06 3.29 -75.93	144.96 2.99 -70.90	137.84 2.98 -64.01	121.29 2.97 -47.60	100.01 3.05 -26.03	109.20 2.97 -35.51
ALTONA_WT_PWR 323606	69.20 -0.84 0.00	68.92 -0.76 0.00	67.41 -1.02 0.00	68.50 -1.19 0.00	68.43 -1.33 0.00	68.15 -2.18 0.00	64.54 -2.07 0.00	53.06 -1.59 0.00	56.89 -1.82 0.00	67.61 -2.16 0.00	58.90 -2.93 13.23	67.30 -2.77 0.89	68.15 -2.54 0.00	68.21 -2.40 0.00	68.28 -2.40 0.00	68.35 -2.41 0.00	67.17 -2.94 1.50	68.45 -2.85 0.00	71.76 -3.07 0.00	68.45 -2.63 0.00	68.59 -2.27 0.00	68.67 -2.05 0.00	68.73 -2.20 0.00	69.09 -1.62 0.00
AMERICAN_REF_FUEL 24010	63.53 -6.51 0.00	62.65 -7.04 0.00	61.11 -7.32 0.00	62.09 -7.59 0.00	62.36 -7.40 0.00	63.93 -6.40 0.00	60.34 -6.26 0.00	48.80 -5.85 0.00	52.31 -6.40 0.00	63.41 -8.58 -2.22	70.29 -8.71 -3.93	64.02 -7.16 -0.22	65.04 -7.00 -1.35	67.24 -8.05 -4.68	66.67 -8.13 -4.11	67.52 -7.78 -4.55	70.93 -6.87 -6.20	77.19 -5.42 -11.31	79.49 -5.31 -9.97	74.13 -6.26 -9.31	72.53 -6.73 -8.41	70.17 -6.79 -6.25	68.82 -5.53 -3.41	70.78 -4.60 -4.66
ARKWRIGHT___SUMMIT_WT_PWR 323751	64.71 -5.33 0.00	63.69 -5.99 0.00	62.14 -6.29 0.00	63.06 -6.62 0.00	63.41 -6.35 0.00	64.98 -5.35 0.00	61.61 -5.00 0.00	50.11 -4.54 0.00	53.78 -4.93 0.00	65.79 -6.49 -2.50	72.88 -6.61 -4.43	65.41 -6.10 -0.55	66.73 -5.72 -1.76	69.52 -6.35 -5.26	70.22 -5.09 -4.62	71.35 -4.53 -5.12	74.27 -4.29 -6.96	81.26 -2.64 -12.59	83.53 -2.40 -11.10	77.96 -3.48 -10.37	76.32 -3.90 -9.36	73.78 -3.89 -6.95	72.19 -2.55 -3.80	74.28 -1.62 -5.19
ARTHUR KILL_GT_1 23520	162.94 4.97 -87.93	74.28 4.60 0.00	72.68 4.24 0.00	73.94 4.25 0.00	73.95 4.19 0.00	74.69 4.36 0.00	162.16 4.13 -91.42	161.99 3.72 -103.62	163.38 4.05 -100.62	180.43 5.16 -105.50	169.15 6.23 -87.87	170.93 6.03 -93.94	169.08 5.66 -92.74	169.22 5.79 -92.82	169.30 6.08 -92.53	169.30 6.09 -92.45	169.36 6.45 -91.31	174.13 6.13 -96.70	174.15 6.44 -92.89	174.06 5.83 -97.15	174.07 5.53 -97.68	169.57 5.73 -93.12	164.08 6.03 -87.12	162.61 5.66 -86.23
ARTHUR_KILL_2 23512	162.74 4.76 -87.93	74.08 4.39 0.00	72.47 4.04 0.00	73.72 4.04 0.00	73.73 3.97 0.00	74.48 4.15 0.00	161.95 3.93 -91.42	161.82 3.55 -103.62	163.21 3.87 -100.62	180.22 4.95 -105.50	168.93 6.01 -87.87	170.72 5.82 -93.94	168.94 5.52 -92.74	169.01 5.58 -92.82	169.08 5.86 -92.53	169.08 5.87 -92.45	169.07 6.16 -91.31	173.91 5.91 -96.70	173.86 6.14 -92.89	173.78 5.55 -97.15	173.85 5.32 -97.68	169.36 5.52 -93.12	163.87 5.82 -87.12	162.39 5.45 -86.23
ARTHUR_KILL_3 23513	161.82 3.85 -87.93	73.24 3.55 0.00	71.79 3.35 0.00	73.03 3.34 0.00	73.11 3.35 0.00	74.12 3.80 0.00	161.82 3.79 -91.42	161.82 3.55 -103.62	163.44 4.11 -100.62	180.50 5.24 -105.49	169.23 6.31 -87.87	170.86 5.96 -93.93	169.22 5.80 -92.73	169.22 5.79 -92.82	169.22 6.01 -92.53	169.22 6.01 -92.45	169.07 6.16 -91.31	173.84 5.85 -96.69	173.85 6.14 -92.88	173.84 5.61 -97.15	173.85 5.32 -97.68	169.07 5.23 -93.12	163.44 5.39 -87.12	161.82 4.88 -86.23

ARTHUR_KILL_COGEN 323718	162.94 4.97 -87.93	74.28 4.60 0.00	72.68 4.24 0.00	73.94 4.25 0.00	73.95 4.19 0.00	74.69 4.36 0.00	162.16 4.13 -91.42	161.99 3.72 -103.62	163.38 4.05 -100.62	180.43 5.16 -105.50	169.15 6.23 -87.87	170.93 6.03 -93.94	169.08 5.66 -92.74	169.22 5.79 -92.82	169.30 6.08 -92.53	169.30 6.09 -92.45	169.36 6.45 -91.31	174.13 6.13 -96.70	174.15 6.44 -92.89	174.06 5.83 -97.15	174.07 5.53 -97.68	169.57 5.73 -93.12	164.08 6.03 -87.12	162.61 5.66 -86.23
ASHOKAN____ 23654	75.57 5.53 0.00	74.84 5.16 0.00	73.43 4.99 0.00	74.84 5.16 0.00	75.13 5.37 0.00	75.67 5.34 0.00	71.46 4.86 0.00	79.00 1.42 -22.94	81.20 1.76 -20.73	97.31 2.23 -25.31	122.27 2.55 -44.66	124.28 2.27 -51.05	124.58 2.12 -51.77	122.93 1.83 -50.48	119.50 2.05 -46.76	125.09 2.54 -51.79	141.91 2.94 -67.37	153.27 2.92 -79.04	147.21 2.69 -69.69	138.36 2.21 -65.07	131.73 2.12 -58.75	116.52 2.12 -43.68	96.88 2.06 -23.88	105.00 1.69 -32.59
ASTORIA_EAST_ENERGY_CC1 323581	73.75 3.71 0.00	73.03 3.34 0.00	71.44 3.01 0.00	72.67 2.99 0.01	72.75 3.00 0.01	73.63 3.31 0.01	69.99 3.39 0.01	65.14 3.33 -7.16	68.99 3.81 -6.47	88.03 4.81 -13.44	104.86 6.01 -23.79	111.27 5.68 -34.63	109.31 5.44 -33.18	104.57 5.51 -28.45	101.33 5.80 -24.84	104.00 5.73 -27.52	116.39 5.87 -38.91	147.58 5.57 -70.72	142.94 5.76 -62.35	134.55 5.26 -58.22	128.37 4.96 -52.56	114.85 5.02 -39.11	97.49 5.18 -21.38	104.50 4.59 -29.19
ASTORIA_EAST_ENERGY_CC2 323582	73.75 3.71 0.00	73.03 3.34 0.00	71.44 3.01 0.00	72.67 2.99 0.01	72.75 3.00 0.01	73.63 3.31 0.01	69.99 3.39 0.01	65.14 3.33 -7.16	68.99 3.81 -6.47	88.03 4.81 -13.44	104.86 6.01 -23.79	111.27 5.68 -34.63	109.31 5.44 -33.18	104.57 5.51 -28.45	101.33 5.80 -24.84	104.00 5.73 -27.52	116.39 5.87 -38.91	147.58 5.57 -70.72	142.94 5.76 -62.35	134.55 5.26 -58.22	128.37 4.96 -52.56	114.85 5.02 -39.11	97.49 5.18 -21.38	104.50 4.59 -29.19
ASTORIA_GT2_1 24094	73.82 3.78 0.00	73.10 3.41 0.00	71.45 3.01 0.00	72.68 3.00 0.00	72.76 3.00 0.00	73.70 3.38 0.00	70.07 3.46 0.00	65.20 3.39 -7.16	69.06 3.87 -6.48	88.04 4.81 -13.45	104.87 6.00 -23.80	111.35 5.75 -34.63	109.32 5.44 -33.19	104.58 5.51 -28.46	101.33 5.80 -24.85	104.01 5.73 -27.53	116.47 5.94 -38.92	147.66 5.63 -70.72	143.02 5.84 -62.36	134.63 5.33 -58.22	128.45 5.03 -52.57	114.86 5.02 -39.12	97.57 5.25 -21.39	104.50 4.60 -29.19
ASTORIA_GT2_2 24095	73.82 3.78 0.00	73.10 3.41 0.00	71.45 3.01 0.00	72.68 3.00 0.00	72.76 3.00 0.00	73.70 3.38 0.00	70.07 3.46 0.00	65.20 3.39 -7.16	69.06 3.87 -6.48	88.04 4.81 -13.45	104.87 6.00 -23.80	111.35 5.75 -34.63	109.32 5.44 -33.19	104.58 5.51 -28.46	101.33 5.80 -24.85	104.01 5.73 -27.53	116.47 5.94 -38.92	147.66 5.63 -70.72	143.02 5.84 -62.36	134.63 5.33 -58.22	128.45 5.03 -52.57	114.86 5.02 -39.12	97.57 5.25 -21.39	104.50 4.60 -29.19
ASTORIA_GT2_3 24096	73.82 3.78 0.00	73.10 3.41 0.00	71.45 3.01 0.00	72.68 3.00 0.00	72.76 3.00 0.00	73.70 3.38 0.00	70.07 3.46 0.00	65.20 3.39 -7.16	69.06 3.87 -6.48	88.04 4.81 -13.45	104.87 6.00 -23.80	111.35 5.75 -34.63	109.32 5.44 -33.19	104.58 5.51 -28.46	101.33 5.80 -24.85	104.01 5.73 -27.53	116.47 5.94 -38.92	147.66 5.63 -70.72	143.02 5.84 -62.36	134.63 5.33 -58.22	128.45 5.03 -52.57	114.86 5.02 -39.12	97.57 5.25 -21.39	104.50 4.60 -29.19
ASTORIA_GT2_4 24097	73.82 3.78 0.00	73.10 3.41 0.00	71.45 3.01 0.00	72.68 3.00 0.00	72.76 3.00 0.00	73.70 3.38 0.00	70.07 3.46 0.00	65.20 3.39 -7.16	69.06 3.87 -6.48	88.04 4.81 -13.45	104.87 6.00 -23.80	111.35 5.75 -34.63	109.32 5.44 -33.19	104.58 5.51 -28.46	101.33 5.80 -24.85	104.01 5.73 -27.53	116.47 5.94 -38.92	147.66 5.63 -70.72	143.02 5.84 -62.36	134.63 5.33 -58.22	128.45 5.03 -52.57	114.86 5.02 -39.12	97.57 5.25 -21.39	104.50 4.60 -29.19
ASTORIA_GT3_1 24098	73.82 3.78 0.00	73.10 3.41 0.00	71.45 3.01 0.00	72.68 3.00 0.00	72.76 3.00 0.00	73.70 3.38 0.00	70.07 3.46 0.00	65.20 3.39 -7.16	69.06 3.87 -6.48	88.04 4.81 -13.45	104.87 6.00 -23.80	111.35 5.75 -34.63	109.32 5.44 -33.19	104.58 5.51 -28.46	101.33 5.80 -24.85	104.01 5.73 -27.53	116.47 5.94 -38.92	147.66 5.63 -70.72	143.02 5.84 -62.36	134.63 5.33 -58.22	128.45 5.03 -52.57	114.86 5.02 -39.12	97.57 5.25 -21.39	104.50 4.60 -29.19
ASTORIA_GT3_2 24099	73.82 3.78 0.00	73.10 3.41 0.00	71.45 3.01 0.00	72.68 3.00 0.00	72.76 3.00 0.00	73.70 3.38 0.00	70.07 3.46 0.00	65.20 3.39 -7.16	69.06 3.87 -6.48	88.04 4.81 -13.45	104.87 6.00 -23.80	111.35 5.75 -34.63	109.32 5.44 -33.19	104.58 5.51 -28.46	101.33 5.80 -24.85	104.01 5.73 -27.53	116.47 5.94 -38.92	147.66 5.63 -70.72	143.02 5.84 -62.36	134.63 5.33 -58.22	128.45 5.03 -52.57	114.86 5.02 -39.12	97.57 5.25 -21.39	104.50 4.60 -29.19
ASTORIA_GT3_3 24100	73.82 3.78 0.00	73.10 3.41 0.00	71.45 3.01 0.00	72.68 3.00 0.00	72.76 3.00 0.00	73.70 3.38 0.00	70.07 3.46 0.00	65.20 3.39 -7.16	69.06 3.87 -6.48	88.04 4.81 -13.45	104.87 6.00 -23.80	111.35 5.75 -34.63	109.32 5.44 -33.19	104.58 5.51 -28.46	101.33 5.80 -24.85	104.01 5.73 -27.53	116.47 5.94 -38.92	147.66 5.63 -70.72	143.02 5.84 -62.36	134.63 5.33 -58.22	128.45 5.03 -52.57	114.86 5.02 -39.12	97.57 5.25 -21.39	104.50 4.60 -29.19
ASTORIA_GT3_4 24101	73.82 3.78 0.00	73.10 3.41 0.00	71.45 3.01 0.00	72.68 3.00 0.00	72.76 3.00 0.00	73.70 3.38 0.00	70.07 3.46 0.00	65.20 3.39 -7.16	69.06 3.87 -6.48	88.04 4.81 -13.45	104.87 6.00 -23.80	111.35 5.75 -34.63	109.32 5.44 -33.19	104.58 5.51 -28.46	101.33 5.80 -24.85	104.01 5.73 -27.53	116.47 5.94 -38.92	147.66 5.63 -70.72	143.02 5.84 -62.36	134.63 5.33 -58.22	128.45 5.03 -52.57	114.86 5.02 -39.12	97.57 5.25 -21.39	104.50 4.60 -29.19
ASTORIA_GT4_1 24102	73.82 3.78 0.00	73.10 3.41 0.00	71.45 3.01 0.00	72.68 3.00 0.00	72.76 3.00 0.00	73.70 3.38 0.00	70.07 3.46 0.00	65.20 3.39 -7.16	69.06 3.87 -6.48	88.04 4.81 -13.45	104.87 6.00 -23.80	111.35 5.75 -34.63	109.32 5.44 -33.19	104.58 5.51 -28.46	101.33 5.80 -24.85	104.01 5.73 -27.53	116.47 5.94 -38.92	147.66 5.63 -70.72	143.02 5.84 -62.36	134.63 5.33 -58.22	128.45 5.03 -52.57	114.86 5.02 -39.12	97.57 5.25 -21.39	104.50 4.60 -29.19
ASTORIA_GT4_2 24103	73.82 3.78 0.00	73.10 3.41 0.00	71.45 3.01 0.00	72.68 3.00 0.00	72.76 3.00 0.00	73.70 3.38 0.00	70.07 3.46 0.00	65.20 3.39 -7.16	69.06 3.87 -6.48	88.04 4.81 -13.45	104.87 6.00 -23.80	111.35 5.75 -34.63	109.32 5.44 -33.19	104.58 5.51 -28.46	101.33 5.80 -24.85	104.01 5.73 -27.53	116.47 5.94 -38.92	147.66 5.63 -70.72	143.02 5.84 -62.36	134.63 5.33 -58.22	128.45 5.03 -52.57	114.86 5.02 -39.12	97.57 5.25 -21.39	104.50 4.60 -29.19
ASTORIA_GT4_3 24104	73.82 3.78 0.00	73.10 3.41 0.00	71.45 3.01 0.00	72.68 3.00 0.00	72.76 3.00 0.00	73.70 3.38 0.00	70.07 3.46 0.00	65.20 3.39 -7.16	69.06 3.87 -6.48	88.04 4.81 -13.45	104.87 6.00 -23.80	111.35 5.75 -34.63	109.32 5.44 -33.19	104.58 5.51 -28.46	101.33 5.80 -24.85	104.01 5.73 -27.53	116.47 5.94 -38.92	147.66 5.63 -70.72	143.02 5.84 -62.36	134.63 5.33 -58.22	128.45 5.03 -52.57	114.86 5.02 -39.12	97.57 5.25 -21.39	104.50 4.60 -29.19

ASTORIA_GT4_4 24105	73.82 3.78 0.00	73.10 3.41 0.00	71.45 3.01 0.00	72.68 3.00 0.00	72.76 3.00 0.00	73.70 3.38 0.00	70.07 3.46 0.00	65.20 3.39 -7.16	69.06 3.87 -6.48	88.04 4.81 -13.45	104.87 6.00 -23.80	111.35 5.75 -34.63	109.32 5.44 -33.19	104.58 5.51 -28.46	101.33 5.80 -24.85	104.01 5.73 -27.53	116.47 5.94 -38.92	147.66 5.63 -70.72	143.02 5.84 -62.36	134.63 5.33 -58.22	128.45 5.03 -52.57	114.86 5.02 -39.12	97.57 5.25 -21.39	104.50 4.60 -29.19
ASTORIA_GT_1 23523	73.96 3.92 0.00	73.17 3.48 0.00	71.59 3.15 0.00	72.82 3.14 0.01	72.89 3.14 0.01	73.83 3.51 0.01	70.12 3.53 0.01	65.25 3.44 -7.16	69.17 3.99 -6.47	88.24 5.03 -13.44	105.01 6.16 -23.79	111.48 5.89 -34.63	109.45 5.58 -33.18	104.71 5.65 -28.45	101.47 5.94 -24.84	104.14 5.87 -27.52	116.60 6.08 -38.91	147.79 5.77 -70.72	143.17 5.99 -62.35	134.77 5.47 -58.22	128.58 5.17 -52.56	114.99 5.16 -39.11	97.64 5.32 -21.38	104.64 4.74 -29.19
ASTORIA_GT_10 24110	74.24 4.20 0.00	73.59 3.90 0.00	71.99 3.56 0.00	73.31 3.62 0.00	73.32 3.56 0.00	74.27 3.94 0.00	70.53 3.93 0.00	65.53 3.72 -7.16	69.35 4.17 -6.48	88.53 5.30 -13.45	105.24 6.38 -23.80	111.77 6.17 -34.63	109.74 5.87 -33.19	105.00 5.93 -28.46	101.76 6.22 -24.85	104.44 6.16 -27.53	116.90 6.37 -38.92	148.08 6.06 -70.72	143.47 6.29 -62.36	135.06 5.76 -58.22	128.88 5.46 -52.57	115.35 5.52 -39.12	98.00 5.67 -21.39	105.00 5.09 -29.19
ASTORIA_GT_11 24225	74.24 4.20 0.00	73.59 3.90 0.00	71.99 3.56 0.00	73.31 3.62 0.00	73.32 3.56 0.00	74.27 3.94 0.00	70.53 3.93 0.00	65.53 3.72 -7.16	69.35 4.17 -6.48	88.53 5.30 -13.45	105.24 6.38 -23.80	111.77 6.17 -34.63	109.74 5.87 -33.19	105.00 5.93 -28.46	101.76 6.22 -24.85	104.44 6.16 -27.53	116.90 6.37 -38.92	148.08 6.06 -70.72	143.47 6.29 -62.36	135.06 5.76 -58.22	128.88 5.46 -52.57	115.35 5.52 -39.12	98.00 5.67 -21.39	105.00 5.09 -29.19
ASTORIA_GT_12 24226	74.24 4.20 0.00	73.59 3.90 0.00	71.99 3.56 0.00	73.31 3.62 0.00	73.32 3.56 0.00	74.27 3.94 0.00	70.53 3.93 0.00	65.53 3.72 -7.16	69.35 4.17 -6.48	88.53 5.30 -13.45	105.24 6.38 -23.80	111.77 6.17 -34.63	109.74 5.87 -33.19	105.00 5.93 -28.46	101.76 6.22 -24.85	104.44 6.16 -27.53	116.90 6.37 -38.92	148.08 6.06 -70.72	143.47 6.29 -62.36	135.06 5.76 -58.22	128.88 5.46 -52.57	115.35 5.52 -39.12	98.00 5.67 -21.39	105.00 5.09 -29.19
ASTORIA_GT_13 24227	74.24 4.20 0.00	73.59 3.90 0.00	71.99 3.56 0.00	73.31 3.62 0.00	73.32 3.56 0.00	74.27 3.94 0.00	70.53 3.93 0.00	65.53 3.72 -7.16	69.35 4.17 -6.48	88.53 5.30 -13.45	105.24 6.38 -23.80	111.77 6.17 -34.63	109.74 5.87 -33.19	105.00 5.93 -28.46	101.76 6.22 -24.85	104.44 6.16 -27.53	116.90 6.37 -38.92	148.08 6.06 -70.72	143.47 6.29 -62.36	135.06 5.76 -58.22	128.88 5.46 -52.57	115.35 5.52 -39.12	98.00 5.67 -21.39	105.00 5.09 -29.19
ASTORIA_GT_5 24106	73.96 3.92 0.00	73.17 3.48 0.00	71.58 3.15 0.00	72.82 3.14 0.00	72.90 3.14 0.00	73.84 3.52 0.00	70.14 3.53 0.00	65.25 3.44 -7.16	69.18 3.99 -6.48	88.18 4.95 -13.45	104.94 6.08 -23.80	111.49 5.89 -34.63	109.46 5.58 -33.19	104.72 5.65 -28.46	101.47 5.94 -24.85	104.16 5.87 -27.53	116.61 6.09 -38.92	147.80 5.78 -70.72	143.17 5.99 -62.36	134.78 5.47 -58.22	128.60 5.17 -52.57	115.00 5.16 -39.12	97.64 5.32 -21.39	104.64 4.74 -29.19
ASTORIA_GT_7 24107	73.96 3.92 0.00	73.17 3.48 0.00	71.58 3.15 0.00	72.82 3.14 0.00	72.90 3.14 0.00	73.84 3.52 0.00	70.14 3.53 0.00	65.25 3.44 -7.16	69.18 3.99 -6.48	88.18 4.95 -13.45	104.94 6.08 -23.80	111.49 5.89 -34.63	109.46 5.58 -33.19	104.72 5.65 -28.46	101.47 5.94 -24.85	104.16 5.87 -27.53	116.61 6.09 -38.92	147.80 5.78 -70.72	143.17 5.99 -62.36	134.78 5.47 -58.22	128.60 5.17 -52.57	115.00 5.16 -39.12	97.64 5.32 -21.39	104.64 4.74 -29.19
ASTORIA_GT_8 24108	73.96 3.92 0.00	73.17 3.48 0.00	71.58 3.15 0.00	72.82 3.14 0.00	72.90 3.14 0.00	73.84 3.52 0.00	70.14 3.53 0.00	65.25 3.44 -7.16	69.18 3.99 -6.48	88.18 4.95 -13.45	104.94 6.08 -23.80	111.49 5.89 -34.63	109.46 5.58 -33.19	104.72 5.65 -28.46	101.47 5.94 -24.85	104.16 5.87 -27.53	116.61 6.09 -38.92	147.80 5.78 -70.72	143.17 5.99 -62.36	134.78 5.47 -58.22	128.60 5.17 -52.57	115.00 5.16 -39.12	97.64 5.32 -21.39	104.64 4.74 -29.19
ASTORIA___2 24149	73.82 3.78 0.00	73.10 3.41 0.00	71.44 3.01 0.00	72.67 2.99 0.01	72.75 3.00 0.01	73.70 3.38 0.01	70.06 3.46 0.01	65.19 3.39 -7.16	69.05 3.87 -6.47	88.10 4.88 -13.44	104.86 6.01 -23.79	111.34 5.75 -34.63	109.31 5.44 -33.18	104.57 5.51 -28.45	101.33 5.80 -24.84	104.08 5.80 -27.52	116.46 5.94 -38.91	147.65 5.63 -70.72	143.02 5.84 -62.35	134.63 5.33 -58.22	128.45 5.03 -52.56	114.85 5.02 -39.11	97.56 5.25 -21.38	104.50 4.59 -29.19
ASTORIA___3 23516	74.24 4.20 0.00	73.58 3.90 0.00	71.99 3.56 0.00	73.31 3.62 0.00	73.32 3.56 0.00	74.26 3.94 0.00	70.53 3.93 0.00	65.53 3.72 -7.16	69.35 4.17 -6.48	88.52 5.30 -13.45	105.32 6.46 -23.80	111.77 6.17 -34.63	109.74 5.86 -33.19	105.00 5.93 -28.46	101.76 6.22 -24.85	104.44 6.15 -27.53	116.90 6.37 -38.92	148.08 6.06 -70.72	143.47 6.29 -62.36	135.06 5.75 -58.22	128.88 5.46 -52.57	115.36 5.52 -39.12	98.00 5.68 -21.39	105.00 5.09 -29.19
ASTORIA___4 23517	74.24 4.20 0.00	73.59 3.90 0.00	71.99 3.56 0.00	73.31 3.62 0.00	73.32 3.56 0.00	74.27 3.94 0.00	70.53 3.93 0.00	65.53 3.72 -7.16	69.35 4.17 -6.48	88.53 5.30 -13.45	105.24 6.38 -23.80	111.77 6.17 -34.63	109.74 5.87 -33.19	105.00 5.93 -28.46	101.76 6.22 -24.85	104.44 6.16 -27.53	116.90 6.37 -38.92	148.08 6.06 -70.72	143.47 6.29 -62.36	135.06 5.76 -58.22	128.88 5.46 -52.57	115.35 5.52 -39.12	98.00 5.67 -21.39	105.00 5.09 -29.19
ASTORIA___5 23518	74.24 4.20 0.00	73.58 3.90 0.00	71.99 3.56 0.00	73.31 3.62 0.00	73.32 3.56 0.00	74.26 3.94 0.00	70.53 3.93 0.00	65.53 3.72 -7.16	69.35 4.17 -6.48	88.52 5.30 -13.45	105.32 6.46 -23.80	111.77 6.17 -34.63	109.74 5.86 -33.19	105.00 5.93 -28.46	101.76 6.22 -24.85	104.44 6.15 -27.53	116.90 6.37 -38.92	148.08 6.06 -70.72	143.47 6.29 -62.36	135.06 5.75 -58.22	128.88 5.46 -52.57	115.36 5.52 -39.12	98.00 5.68 -21.39	105.00 5.09 -29.19
AST_ENERGY_2_CC3 323677	51.34 4.20 22.90	51.34 3.90 22.24	51.34 3.62 20.72	51.34 3.69 22.04	51.34 3.69 22.12	51.34 4.08 23.07	51.34 4.00 19.26	51.87 3.72 6.50	51.87 4.23 11.07	64.41 5.37 10.73	65.88 6.38 15.55	65.86 6.10 11.21	65.33 5.86 11.22	65.88 5.86 10.59	65.41 6.15 11.42	65.41 6.09 11.43	64.41 6.30 13.50	64.41 6.06 12.95	64.42 6.29 16.69	64.41 5.75 12.42	64.42 5.46 11.89	64.41 5.45 11.75	64.41 5.60 12.13	63.88 5.09 11.93
AST_ENERGY_2_CC4 323678	51.34 4.20 22.90	51.34 3.90 22.24	51.34 3.62 20.72	51.34 3.69 22.04	51.34 3.69 22.12	51.34 4.08 23.07	51.34 4.00 19.26	51.87 3.72 6.50	51.87 4.23 11.07	64.41 5.37 10.73	65.88 6.38 15.55	65.86 6.10 11.21	65.33 5.86 11.22	65.88 5.86 10.59	65.41 6.15 11.42	65.41 6.09 11.43	64.41 6.30 13.50	64.41 6.06 12.95	64.42 6.29 16.69	64.41 5.75 12.42	64.42 5.46 11.89	64.41 5.45 11.75	64.41 5.60 12.13	63.88 5.09 11.93

ATHENS_STG_1 23668	72.98 2.94 0.00	72.40 2.71 0.00	71.10 2.67 0.00	72.54 2.86 0.00	72.69 2.93 0.00	73.50 3.17 0.00	69.40 2.80 0.00	61.93 2.40 -4.88	65.82 2.70 -4.41	85.87 3.42 -12.68	101.57 4.05 -22.46	110.25 3.83 -35.46	107.91 3.81 -33.41	101.78 3.74 -27.43	97.92 3.81 -23.42	100.52 3.82 -25.95	113.41 3.94 -37.87	152.74 3.92 -77.52	147.29 4.11 -68.35	138.74 3.84 -63.82	132.16 3.68 -57.62	117.23 3.68 -42.84	98.11 3.76 -23.42	106.21 3.53 -31.96
ATHENS_STG_2 23670	72.98 2.94 0.00	72.40 2.71 0.00	71.10 2.67 0.00	72.54 2.86 0.00	72.69 2.93 0.00	73.50 3.17 0.00	69.40 2.80 0.00	61.93 2.40 -4.88	65.82 2.70 -4.41	85.87 3.42 -12.68	101.57 4.05 -22.46	110.25 3.83 -35.46	107.91 3.81 -33.41	101.78 3.74 -27.43	97.92 3.81 -23.42	100.52 3.82 -25.95	113.41 3.94 -37.87	152.74 3.92 -77.52	147.29 4.11 -68.35	138.74 3.84 -63.82	132.16 3.68 -57.62	117.23 3.68 -42.84	98.11 3.76 -23.42	106.21 3.53 -31.96
ATHENS_STG_3 23677	72.98 2.94 0.00	72.40 2.71 0.00	71.10 2.67 0.00	72.54 2.86 0.00	72.69 2.93 0.00	73.50 3.17 0.00	69.40 2.80 0.00	61.93 2.40 -4.88	65.82 2.70 -4.41	85.87 3.42 -12.68	101.57 4.05 -22.46	110.25 3.83 -35.46	107.91 3.81 -33.41	101.78 3.74 -27.43	97.92 3.81 -23.42	100.52 3.82 -25.95	113.41 3.94 -37.87	152.74 3.92 -77.52	147.29 4.11 -68.35	138.74 3.84 -63.82	132.16 3.68 -57.62	117.23 3.68 -42.84	98.11 3.76 -23.42	106.21 3.53 -31.96
AUBURN___LFGE 323710	70.25 0.21 0.00	69.41 -0.28 0.00	68.16 -0.27 0.00	69.34 -0.35 0.00	69.48 -0.28 0.00	70.61 0.28 0.00	66.74 0.13 0.00	54.81 0.16 0.00	58.89 0.18 0.00	71.78 0.07 -1.94	78.87 0.38 -3.44	77.29 0.50 -5.83	76.60 0.49 -5.41	75.06 0.35 -4.09	74.77 0.49 -3.59	75.37 0.64 -3.98	78.17 1.15 -5.43	82.78 1.57 -9.91	85.36 1.80 -8.74	80.59 1.35 -8.16	79.22 0.99 -7.37	77.04 0.85 -5.47	74.85 0.92 -2.99	75.65 0.85 -4.08
BABYLON_RES_REC 323704	91.38 6.66 -14.69	85.95 6.27 -10.00	80.58 6.02 -6.12	78.88 6.06 -3.13	78.95 6.14 -3.05	80.83 6.54 -3.96	87.47 6.33 -14.54	86.26 5.58 -26.04	87.32 6.16 -22.45	102.76 7.54 -25.45	126.31 8.33 -42.92	128.02 7.81 -49.25	136.61 7.64 -58.29	131.20 7.63 -52.96	128.63 7.99 -49.95	131.44 8.06 -52.62	142.15 8.30 -62.24	166.88 7.91 -87.67	160.60 8.45 -77.32	151.55 7.82 -72.66	145.27 7.37 -67.05	124.81 7.22 -46.87	107.48 7.59 -28.95	106.77 6.86 -29.19
BABYLON__69_KV_BK2 356345	92.62 7.56 -15.02	87.15 7.25 -10.22	81.53 6.84 -6.25	79.86 6.97 -3.20	79.85 6.98 -3.12	81.84 7.45 -4.05	88.66 7.19 -14.86	87.39 6.28 -26.46	88.51 6.99 -22.81	104.14 8.65 -25.72	127.29 9.31 -42.92	128.87 8.66 -49.25	137.32 8.34 -58.29	131.98 8.40 -52.96	129.48 8.84 -49.95	132.23 8.84 -52.62	143.01 9.17 -62.24	167.74 8.77 -87.67	161.42 9.28 -77.32	152.34 8.60 -72.66	145.91 8.01 -67.05	125.51 7.92 -46.87	108.18 8.30 -28.95	107.41 7.50 -29.19
BALL_HILL_WT_PWR 323825	65.27 -4.76 0.00	64.32 -5.36 0.00	62.76 -5.68 0.00	63.69 -5.99 0.00	64.04 -5.72 0.00	65.62 -4.71 0.00	62.07 -4.53 0.00	50.38 -4.26 0.00	54.07 -4.64 0.00	65.89 -6.28 -2.40	72.93 -6.38 -4.25	63.51 -5.89 1.57	65.23 -5.59 -0.13	69.31 -6.35 -5.05	69.75 -5.38 -4.44	70.72 -4.95 -4.91	73.56 -4.73 -6.69	80.22 -3.21 -12.13	82.53 -3.00 -10.69	77.08 -3.98 -9.98	75.33 -4.54 -9.01	72.82 -4.60 -6.70	71.19 -3.40 -3.66	73.24 -2.48 -5.00
BARON_WINDS___WT_PWR 323822	66.68 -3.36 0.00	65.78 -3.90 0.00	64.46 -3.97 0.00	65.51 -4.18 0.00	65.79 -3.97 0.00	67.16 -3.16 0.00	63.61 -3.00 0.00	53.82 -2.73 -1.91	57.38 -3.06 -1.72	68.78 -4.26 -3.27	76.63 -4.20 -5.78	36.05 -3.83 31.08	45.70 -3.53 21.45	73.36 -4.10 -6.85	73.75 -2.97 -6.03	75.03 -2.41 -6.68	78.71 -2.22 -9.33	86.33 -1.07 -16.10	88.05 -0.97 -14.20	82.63 -1.71 -13.25	80.63 -2.20 -11.97	77.21 -2.40 -8.89	73.95 -1.84 -4.86	76.08 -1.27 -6.63
BARRETT_IC_1 23704	92.18 5.88 -16.26	86.33 5.58 -11.06	80.56 5.34 -6.78	78.60 5.44 -3.48	78.59 5.44 -3.38	80.56 5.83 -4.40	88.29 5.60 -16.09	87.68 4.97 -28.06	88.39 5.52 -24.16	103.27 6.77 -26.73	334.66 7.43 -252.17	285.82 7.03 -207.83	412.72 6.93 -335.10	400.81 6.92 -323.27	404.68 7.21 -326.78	407.42 7.22 -329.44	398.57 7.52 -319.45	352.96 7.20 -274.46	324.54 7.48 -242.23	308.94 6.89 -230.97	302.88 6.59 -225.43	205.24 6.58 -127.94	185.93 6.96 -108.04	106.36 6.37 -29.28
BARRETT_IC_10 23701	92.18 5.88 -16.26	86.33 5.58 -11.06	80.56 5.34 -6.78	78.60 5.44 -3.48	78.59 5.44 -3.38	80.56 5.83 -4.40	88.29 5.60 -16.09	87.68 4.97 -28.06	88.39 5.52 -24.16	103.27 6.77 -26.73	205.24 7.43 -122.75	205.24 7.03 -127.25	212.44 6.93 -134.82	205.24 6.92 -127.70	205.24 7.21 -127.34	207.10 7.22 -129.12	212.44 7.52 -133.32	217.78 7.20 -139.29	205.24 7.48 -122.93	205.24 6.89 -127.27	205.24 6.59 -127.79	205.24 6.58 -127.94	185.93 6.96 -108.04	106.36 6.37 -29.28
BARRETT_IC_11 23702	92.18 5.88 -16.26	86.33 5.58 -11.06	80.56 5.34 -6.78	78.60 5.44 -3.48	78.59 5.44 -3.38	80.56 5.83 -4.40	88.29 5.60 -16.09	87.68 4.97 -28.06	88.39 5.52 -24.16	103.27 6.77 -26.73	205.24 7.43 -122.75	205.24 7.03 -127.25	212.44 6.93 -134.82	205.24 6.92 -127.70	205.24 7.21 -127.34	207.10 7.22 -129.12	212.44 7.52 -133.32	217.78 7.20 -139.29	205.24 7.48 -122.93	205.24 6.89 -127.27	205.24 6.59 -127.79	205.24 6.58 -127.94	185.93 6.96 -108.04	106.36 6.37 -29.28
BARRETT_IC_12 23703	92.18 5.88 -16.26	86.33 5.58 -11.06	80.56 5.34 -6.78	78.60 5.44 -3.48	78.59 5.44 -3.38	80.56 5.83 -4.40	88.29 5.60 -16.09	87.68 4.97 -28.06	88.39 5.52 -24.16	103.27 6.77 -26.73	205.24 7.43 -122.75	205.24 7.03 -127.25	212.44 6.93 -134.82	205.24 6.92 -127.70	205.24 7.21 -127.34	207.10 7.22 -129.12	212.44 7.52 -133.32	217.78 7.20 -139.29	205.24 7.48 -122.93	205.24 6.89 -127.27	205.24 6.59 -127.79	205.24 6.58 -127.94	185.93 6.96 -108.04	106.36 6.37 -29.28
BARRETT_IC_2 23705	92.18 5.88 -16.26	86.33 5.58 -11.06	80.56 5.34 -6.78	78.60 5.44 -3.48	78.59 5.44 -3.38	80.56 5.83 -4.40	88.29 5.60 -16.09	87.68 4.97 -28.06	88.39 5.52 -24.16	103.27 6.77 -26.73	334.66 7.43 -252.17	285.82 7.03 -207.83	412.72 6.93 -335.10	400.81 6.92 -323.27	404.68 7.21 -326.78	407.42 7.22 -329.44	398.57 7.52 -319.45	352.96 7.20 -274.46	324.54 7.48 -242.23	308.94 6.89 -230.97	302.88 6.59 -225.43	205.24 6.58 -127.94	185.93 6.96 -108.04	106.36 6.37 -29.28
BARRETT_IC_3 23706	92.18 5.88 -16.26	86.33 5.58 -11.06	80.56 5.34 -6.78	78.60 5.44 -3.48	78.59 5.44 -3.38	80.56 5.83 -4.40	88.29 5.60 -16.09	87.68 4.97 -28.06	88.39 5.52 -24.16	103.27 6.77 -26.73	334.66 7.43 -252.17	285.82 7.03 -207.83	412.72 6.93 -335.10	400.81 6.92 -323.27	404.68 7.21 -326.78	407.42 7.22 -329.44	398.57 7.52 -319.45	352.96 7.20 -274.46	324.54 7.48 -242.23	308.94 6.89 -230.97	302.88 6.59 -225.43	205.24 6.58 -127.94	185.93 6.96 -108.04	106.36 6.37 -29.28
BARRETT_IC_4 23707	92.18 5.88 -16.26	86.33 5.58 -11.06	80.56 5.34 -6.78	78.60 5.44 -3.48	78.59 5.44 -3.38	80.56 5.83 -4.40	88.29 5.60 -16.09	87.68 4.97 -28.06	88.39 5.52 -24.16	103.27 6.77 -26.73	334.66 7.43 -252.17	285.82 7.03 -207.83	412.72 6.93 -335.10	400.81 6.92 -323.27	404.68 7.21 -326.78	407.42 7.22 -329.44	398.57 7.52 -319.45	352.96 7.20 -274.46	324.54 7.48 -242.23	308.94 6.89 -230.97	302.88 6.59 -225.43	205.24 6.58 -127.94	185.93 6.96 -108.04	106.36 6.37 -29.28

BARRETT_IC_5 23708	92.18 5.88 -16.26	86.33 5.58 -11.06	80.56 5.34 -6.78	78.60 5.44 -3.48	78.59 5.44 -3.38	80.56 5.83 -4.40	88.29 5.60 -16.09	87.68 4.97 -28.06	88.39 5.52 -24.16	103.27 6.77 -26.73	334.66 7.43 -252.17	285.82 7.03 -207.83	412.72 6.93 -335.10	400.81 6.92 -323.27	404.68 7.21 -326.78	407.42 7.22 -329.44	398.57 7.52 -319.45	352.96 7.20 -274.46	324.54 7.48 -242.23	308.94 6.89 -230.97	302.88 6.59 -225.43	205.24 6.58 -127.94	185.93 6.96 -108.04	106.36 6.37 -29.28
BARRETT_IC_6 23709	92.18 5.88 -16.26	86.33 5.58 -11.06	80.56 5.34 -6.78	78.60 5.44 -3.48	78.59 5.44 -3.38	80.56 5.83 -4.40	88.29 5.60 -16.09	87.68 4.97 -28.06	88.39 5.52 -24.16	103.27 6.77 -26.73	334.66 7.43 -252.17	285.82 7.03 -207.83	412.72 6.93 -335.10	400.81 6.92 -323.27	404.68 7.21 -326.78	407.42 7.22 -329.44	398.57 7.52 -319.45	352.96 7.20 -274.46	324.54 7.48 -242.23	308.94 6.89 -230.97	302.88 6.59 -225.43	205.24 6.58 -127.94	185.93 6.96 -108.04	106.36 6.37 -29.28
BARRETT_IC_7 23710	92.18 5.88 -16.26	86.32 5.57 -11.06	80.56 5.34 -6.78	78.60 5.44 -3.48	78.59 5.44 -3.38	80.56 5.84 -4.40	88.29 5.59 -16.09	87.68 4.97 -28.06	88.39 5.52 -24.16	103.41 6.91 -26.73	334.66 7.43 -252.17	285.89 7.10 -207.83	412.86 7.07 -335.10	400.74 6.85 -323.27	404.54 7.07 -326.78	407.49 7.29 -329.44	398.57 7.52 -319.45	353.03 7.27 -274.46	324.54 7.48 -242.23	308.94 6.89 -230.97	302.87 6.59 -225.43	205.24 6.58 -127.94	185.93 6.95 -108.04	106.36 6.36 -29.28
BARRETT_IC_8 23711	92.18 5.88 -16.26	86.33 5.58 -11.06	80.56 5.34 -6.78	78.60 5.44 -3.48	78.59 5.44 -3.38	80.56 5.83 -4.40	88.29 5.60 -16.09	87.68 4.97 -28.06	88.39 5.52 -24.16	103.27 6.77 -26.73	334.66 7.43 -252.17	285.82 7.03 -207.83	412.72 6.93 -335.10	400.81 6.92 -323.27	404.68 7.21 -326.78	407.42 7.22 -329.44	398.57 7.52 -319.45	352.96 7.20 -274.46	324.54 7.48 -242.23	308.94 6.89 -230.97	302.88 6.59 -225.43	205.24 6.58 -127.94	185.93 6.96 -108.04	106.36 6.37 -29.28
BARRETT_IC_9 23700	92.18 5.88 -16.26	86.33 5.58 -11.06	80.56 5.34 -6.78	78.60 5.44 -3.48	78.59 5.44 -3.38	80.56 5.83 -4.40	88.29 5.60 -16.09	87.68 4.97 -28.06	88.39 5.52 -24.16	103.27 6.77 -26.73	205.24 7.43 -122.75	205.24 7.03 -127.25	212.44 6.93 -134.82	205.24 6.92 -127.70	205.24 7.21 -127.34	207.10 7.22 -129.12	212.44 7.52 -133.32	217.78 7.20 -139.29	205.24 7.48 -122.93	205.24 6.89 -127.27	205.24 6.59 -127.79	205.24 6.58 -127.94	185.93 6.96 -108.04	106.36 6.37 -29.28
BARRETT___1 23545	92.18 5.88 -16.26	86.33 5.58 -11.06	80.56 5.34 -6.78	78.60 5.44 -3.48	78.59 5.44 -3.38	80.56 5.83 -4.40	88.29 5.60 -16.09	87.68 4.97 -28.06	88.39 5.52 -24.16	103.27 6.77 -26.73	334.66 7.43 -252.17	285.82 7.03 -207.83	412.72 6.93 -335.10	400.81 6.92 -323.27	404.68 7.21 -326.78	407.42 7.22 -329.44	398.57 7.52 -319.45	352.96 7.20 -274.46	324.54 7.48 -242.23	308.94 6.89 -230.97	302.88 6.59 -225.43	205.24 6.58 -127.94	185.93 6.96 -108.04	106.36 6.37 -29.28
BARRETT___2 23546	92.18 5.88 -16.26	86.33 5.58 -11.06	80.56 5.34 -6.78	78.60 5.44 -3.48	78.59 5.44 -3.38	80.56 5.83 -4.40	88.29 5.60 -16.09	87.68 4.97 -28.06	88.39 5.52 -24.16	103.27 6.77 -26.73	205.24 7.43 -122.75	205.24 7.03 -127.25	212.44 6.93 -134.82	205.24 6.92 -127.70	205.24 7.21 -127.34	207.10 7.22 -129.12	212.44 7.52 -133.32	217.78 7.20 -139.29	205.24 7.48 -122.93	205.24 6.89 -127.27	205.24 6.59 -127.79	205.24 6.58 -127.94	185.93 6.96 -108.04	106.36 6.37 -29.28
BATAVIA__115KV_TB1 55881	66.68 -3.36 0.00	65.71 -3.97 0.00	64.06 -4.38 0.00	64.95 -4.74 0.00	65.30 -4.46 0.00	66.81 -3.52 0.00	63.27 -3.33 0.00	51.59 -3.06 0.00	55.25 -3.46 0.00	66.92 -4.88 -2.04	74.01 -4.65 -3.61	68.36 -3.90 -1.30	68.66 -4.10 -2.07	70.60 -4.31 -4.30	69.79 -4.67 -3.77	70.68 -4.25 -4.17	74.37 -2.94 -5.70	80.26 -1.50 -10.46	82.85 -1.20 -9.22	77.41 -2.27 -8.61	75.73 -2.91 -7.77	73.52 -2.97 -5.78	72.03 -2.06 -3.16	73.68 -1.34 -4.31
BAYONEEC___CTG1 323682	74.24 4.20 0.00	73.58 3.90 0.00	72.13 3.69 0.00	73.38 3.69 0.00	73.46 3.69 0.00	74.41 4.08 0.00	70.67 4.06 0.00	65.58 3.77 -7.16	69.53 4.34 -6.48	88.73 5.51 -13.45	105.39 6.53 -23.80	111.84 6.25 -34.63	109.88 6.01 -33.19	105.06 6.00 -28.45	101.82 6.29 -24.85	104.51 6.23 -27.52	116.97 6.45 -38.92	148.15 6.13 -70.72	143.62 6.44 -62.35	135.19 5.90 -58.22	129.01 5.60 -52.56	115.35 5.52 -39.12	98.00 5.68 -21.39	105.06 5.16 -29.18
BAYONEEC___CTG10 323750	74.24 4.20 0.00	73.58 3.90 0.00	72.13 3.69 0.00	73.38 3.69 0.00	73.46 3.69 0.00	74.41 4.08 0.00	70.67 4.06 0.00	65.58 3.77 -7.16	69.53 4.34 -6.48	88.73 5.51 -13.45	105.39 6.53 -23.80	111.84 6.25 -34.63	109.88 6.01 -33.19	105.06 6.00 -28.45	101.82 6.29 -24.85	104.51 6.23 -27.52	116.97 6.45 -38.92	148.15 6.13 -70.72	143.62 6.44 -62.35	135.19 5.90 -58.22	129.01 5.60 -52.56	115.35 5.52 -39.12	98.00 5.68 -21.39	105.06 5.16 -29.18
BAYONEEC___CTG2 323683	74.24 4.20 0.00	73.58 3.90 0.00	72.13 3.69 0.00	73.38 3.69 0.00	73.46 3.69 0.00	74.41 4.08 0.00	70.67 4.06 0.00	65.58 3.77 -7.16	69.53 4.34 -6.48	88.73 5.51 -13.45	105.39 6.53 -23.80	111.84 6.25 -34.63	109.88 6.01 -33.19	105.06 6.00 -28.45	101.82 6.29 -24.85	104.51 6.23 -27.52	116.97 6.45 -38.92	148.15 6.13 -70.72	143.62 6.44 -62.35	135.19 5.90 -58.22	129.01 5.60 -52.56	115.35 5.52 -39.12	98.00 5.68 -21.39	105.06 5.16 -29.18
BAYONEEC___CTG3 323684	74.24 4.20 0.00	73.58 3.90 0.00	72.13 3.69 0.00	73.38 3.69 0.00	73.46 3.69 0.00	74.41 4.08 0.00	70.67 4.06 0.00	65.58 3.77 -7.16	69.53 4.34 -6.48	88.73 5.51 -13.45	105.39 6.53 -23.80	111.84 6.25 -34.63	109.88 6.01 -33.19	105.06 6.00 -28.45	101.82 6.29 -24.85	104.51 6.23 -27.52	116.97 6.45 -38.92	148.15 6.13 -70.72	143.62 6.44 -62.35	135.19 5.90 -58.22	129.01 5.60 -52.56	115.35 5.52 -39.12	98.00 5.68 -21.39	105.06 5.16 -29.18
BAYONEEC___CTG4 323685	74.24 4.20 0.00	73.58 3.90 0.00	72.13 3.69 0.00	73.38 3.69 0.00	73.46 3.69 0.00	74.41 4.08 0.00	70.67 4.06 0.00	65.58 3.77 -7.16	69.53 4.34 -6.48	88.73 5.51 -13.45	105.39 6.53 -23.80	111.84 6.25 -34.63	109.88 6.01 -33.19	105.06 6.00 -28.45	101.82 6.29 -24.85	104.51 6.23 -27.52	116.97 6.45 -38.92	148.15 6.13 -70.72	143.62 6.44 -62.35	135.19 5.90 -58.22	129.01 5.60 -52.56	115.35 5.52 -39.12	98.00 5.68 -21.39	105.06 5.16 -29.18
BAYONEEC___CTG5 323686	74.24 4.20 0.00	73.58 3.90 0.00	72.13 3.69 0.00	73.38 3.69 0.00	73.46 3.69 0.00	74.41 4.08 0.00	70.67 4.06 0.00	65.58 3.77 -7.16	69.53 4.34 -6.48	88.73 5.51 -13.45	105.39 6.53 -23.80	111.84 6.25 -34.63	109.88 6.01 -33.19	105.06 6.00 -28.45	101.82 6.29 -24.85	104.51 6.23 -27.52	116.97 6.45 -38.92	148.15 6.13 -70.72	143.62 6.44 -62.35	135.19 5.90 -58.22	129.01 5.60 -52.56	115.35 5.52 -39.12	98.00 5.68 -21.39	105.06 5.16 -29.18
BAYONEEC___CTG6 323687	74.24 4.20 0.00	73.58 3.90 0.00	72.13 3.69 0.00	73.38 3.69 0.00	73.46 3.69 0.00	74.41 4.08 0.00	70.67 4.06 0.00	65.58 3.77 -7.16	69.53 4.34 -6.48	88.73 5.51 -13.45	105.39 6.53 -23.80	111.84 6.25 -34.63	109.88 6.01 -33.19	105.06 6.00 -28.45	101.82 6.29 -24.85	104.51 6.23 -27.52	116.97 6.45 -38.92	148.15 6.13 -70.72	143.62 6.44 -62.35	135.19 5.90 -58.22	129.01 5.60 -52.56	115.35 5.52 -39.12	98.00 5.68 -21.39	105.06 5.16 -29.18

BAYONEEC___CTG7 323688	74.24 4.20 0.00	73.58 3.90 0.00	72.13 3.69 0.00	73.38 3.69 0.00	73.46 3.69 0.00	74.41 4.08 0.00	70.67 4.06 0.00	65.58 3.77 -7.16	69.53 4.34 -6.48	88.73 5.51 -13.45	105.39 6.53 -23.80	111.84 6.25 -34.63	109.88 6.01 -33.19	105.06 6.00 -28.45	101.82 6.29 -24.85	104.51 6.23 -27.52	116.97 6.45 -38.92	148.15 6.13 -70.72	143.62 6.44 -62.35	135.19 5.90 -58.22	129.01 5.60 -52.56	115.35 5.52 -39.12	98.00 5.68 -21.39	105.06 5.16 -29.18
BAYONEEC___CTG8 323689	74.24 4.20 0.00	73.58 3.90 0.00	72.13 3.69 0.00	73.38 3.69 0.00	73.46 3.69 0.00	74.41 4.08 0.00	70.67 4.06 0.00	65.58 3.77 -7.16	69.53 4.34 -6.48	88.73 5.51 -13.45	105.39 6.53 -23.80	111.84 6.25 -34.63	109.88 6.01 -33.19	105.06 6.00 -28.45	101.82 6.29 -24.85	104.51 6.23 -27.52	116.97 6.45 -38.92	148.15 6.13 -70.72	143.62 6.44 -62.35	135.19 5.90 -58.22	129.01 5.60 -52.56	115.35 5.52 -39.12	98.00 5.68 -21.39	105.06 5.16 -29.18
BAYONEEC___CTG9 323749	74.24 4.20 0.00	73.58 3.90 0.00	72.13 3.69 0.00	73.38 3.69 0.00	73.46 3.69 0.00	74.41 4.08 0.00	70.67 4.06 0.00	65.58 3.77 -7.16	69.53 4.34 -6.48	88.73 5.51 -13.45	105.39 6.53 -23.80	111.84 6.25 -34.63	109.88 6.01 -33.19	105.06 6.00 -28.45	101.82 6.29 -24.85	104.51 6.23 -27.52	116.97 6.45 -38.92	148.15 6.13 -70.72	143.62 6.44 -62.35	135.19 5.90 -58.22	129.01 5.60 -52.56	115.35 5.52 -39.12	98.00 5.68 -21.39	105.06 5.16 -29.18
BEACON___LESR 323632	73.82 3.78 0.00	73.24 3.55 0.00	71.86 3.42 0.00	73.31 3.62 0.00	73.59 3.83 0.00	74.33 4.01 0.00	70.07 3.46 0.00	100.42 3.06 -42.71	100.72 3.40 -38.61	113.75 4.19 -39.79	150.05 4.88 -70.12	145.96 4.68 -70.31	149.01 4.46 -73.87	152.12 4.31 -77.20	148.36 4.17 -73.50	156.28 4.10 -81.42	177.44 4.08 -101.76	161.21 3.78 -86.13	154.88 4.11 -75.94	145.75 3.76 -70.91	138.77 3.89 -64.02	122.22 3.89 -47.62	100.94 3.97 -26.04	110.28 4.03 -35.53
BEAVER RIVER___HYD 24048	70.81 0.77 0.00	70.38 0.70 0.00	68.85 0.41 0.00	69.82 0.14 0.00	69.83 0.07 0.00	70.47 0.14 0.00	66.61 0.00 0.00	54.81 0.16 0.00	58.89 0.18 0.00	69.84 0.07 0.00	71.90 0.45 3.61	71.70 0.28 -0.45	71.35 0.14 -0.52	70.90 0.14 -0.15	70.97 0.28 0.00	71.04 0.28 0.00	72.20 0.64 0.05	74.66 0.71 -2.65	77.91 0.75 -2.34	74.04 0.78 -2.18	73.46 0.64 -1.97	72.89 0.71 -1.46	72.30 0.56 -0.80	72.17 0.36 -1.09
BEEBEE_GT_13 23619	67.31 -2.73 0.00	66.55 -3.14 0.00	65.01 -3.42 0.00	65.99 -3.69 0.00	66.20 -3.56 0.00	67.51 -2.81 0.00	63.87 -2.73 0.00	52.19 -2.46 0.00	56.01 -2.70 0.00	67.86 -3.63 -1.72	74.95 -3.15 -3.04	72.25 -3.12 -4.41	71.59 -3.32 -4.23	71.56 -3.32 -3.63	70.47 -3.39 -3.18	71.09 -3.18 -3.52	74.57 -1.86 -4.83	79.36 -0.93 -8.99	82.08 -0.67 -7.92	77.06 -1.42 -7.40	75.62 -1.91 -6.68	73.70 -1.98 -4.96	72.23 -1.42 -2.71	73.43 -0.99 -3.70
BENSHRST_27_KV_BENSHRST_1 355998	163.08 5.11 -87.93	74.42 4.74 0.00	72.82 4.38 0.00	74.07 4.39 0.00	74.09 4.33 0.00	74.97 4.64 0.00	162.55 4.53 -91.42	162.42 4.15 -103.62	163.97 4.64 -100.62	181.13 5.86 -105.50	169.98 7.06 -87.87	171.71 6.81 -93.94	169.93 6.50 -92.74	170.00 6.57 -92.82	170.07 6.86 -92.53	170.00 6.79 -92.45	170.00 7.09 -91.31	174.84 6.84 -96.70	174.83 7.11 -92.89	174.70 6.47 -97.15	174.70 6.16 -97.68	170.13 6.29 -93.12	164.51 6.45 -87.12	162.89 5.94 -86.23
BETHLEHEM___GRP 23843	72.70 2.66 0.00	72.12 2.44 0.00	70.83 2.40 0.00	72.26 2.58 0.00	72.41 2.65 0.00	73.14 2.81 0.00	68.94 2.33 0.00	97.99 2.13 -41.21	98.31 2.35 -37.25	111.46 2.93 -38.76	146.90 3.53 -68.31	143.46 3.41 -69.09	146.35 3.25 -72.41	149.12 3.18 -75.33	145.25 2.97 -71.60	152.83 2.76 -79.31	173.70 2.72 -99.37	159.85 2.35 -86.20	153.45 2.62 -76.00	144.46 2.42 -70.97	137.48 2.55 -64.07	120.99 2.62 -47.65	99.69 2.70 -26.06	109.17 2.90 -35.56
BETHLEHEM___GS1 323560	72.70 2.66 0.00	72.12 2.44 0.00	70.83 2.39 0.00	72.26 2.58 0.00	72.41 2.65 0.00	73.14 2.82 0.00	68.94 2.33 0.00	97.99 2.13 -41.21	98.31 2.35 -37.25	111.46 2.93 -38.76	146.97 3.60 -68.31	143.46 3.41 -69.09	146.35 3.25 -72.41	149.12 3.18 -75.33	145.25 2.97 -71.60	152.90 2.83 -79.31	173.70 2.72 -99.37	159.85 2.35 -86.20	153.45 2.62 -76.00	144.46 2.42 -70.97	137.55 2.62 -64.07	120.99 2.62 -47.65	99.69 2.69 -26.06	109.17 2.90 -35.56
BETHLEHEM___GS2 323561	72.70 2.66 0.00	72.12 2.44 0.00	70.83 2.39 0.00	72.26 2.58 0.00	72.41 2.65 0.00	73.14 2.82 0.00	68.94 2.33 0.00	97.99 2.13 -41.21	98.31 2.35 -37.25	111.46 2.93 -38.76	146.97 3.60 -68.31	143.46 3.41 -69.09	146.35 3.25 -72.41	149.12 3.18 -75.33	145.25 2.97 -71.60	152.90 2.83 -79.31	173.70 2.72 -99.37	159.85 2.35 -86.20	153.45 2.62 -76.00	144.46 2.42 -70.97	137.55 2.62 -64.07	120.99 2.62 -47.65	99.69 2.69 -26.06	109.17 2.90 -35.56
BETHLEHEM___GS3 323562	72.70 2.66 0.00	72.12 2.44 0.00	70.83 2.39 0.00	72.26 2.58 0.00	72.41 2.65 0.00	73.14 2.82 0.00	68.94 2.33 0.00	97.99 2.13 -41.21	98.31 2.35 -37.25	111.46 2.93 -38.76	146.97 3.60 -68.31	143.46 3.41 -69.09	146.35 3.25 -72.41	149.12 3.18 -75.33	145.25 2.97 -71.60	152.90 2.83 -79.31	173.70 2.72 -99.37	159.85 2.35 -86.20	153.45 2.62 -76.00	144.46 2.42 -70.97	137.55 2.62 -64.07	120.99 2.62 -47.65	99.69 2.69 -26.06	109.17 2.90 -35.56
BETHLEHEM___STEEL 23779	65.34 -4.69 0.00	64.39 -5.30 0.00	62.89 -5.54 0.00	63.83 -5.85 0.00	64.18 -5.58 0.00	65.69 -4.64 0.00	62.14 -4.46 0.00	50.44 -4.21 0.00	54.07 -4.64 0.00	65.89 -6.28 -2.40	72.62 -6.68 -4.24	63.89 -6.03 1.04	65.41 -5.80 -0.52	69.09 -6.57 -5.04	69.53 -5.58 -4.43	70.50 -5.17 -4.91	73.20 -5.08 -6.68	79.71 -3.71 -12.11	82.07 -3.44 -10.68	76.65 -4.41 -9.97	74.76 -5.10 -9.00	72.39 -5.02 -6.69	70.76 -3.83 -3.66	72.81 -2.90 -4.99
BETHLHEM_115KV_TB1 79974	72.63 2.59 0.00	72.12 2.44 0.00	70.83 2.40 0.00	72.26 2.58 0.00	72.41 2.65 0.00	73.14 2.81 0.00	68.94 2.33 0.00	95.57 2.08 -38.85	96.17 2.35 -35.11	109.75 2.86 -37.12	144.02 3.53 -65.43	141.40 3.34 -67.10	143.92 3.18 -70.05	146.07 3.11 -72.35	142.23 2.97 -68.57	149.54 2.83 -75.96	169.96 2.79 -95.56	159.93 2.50 -86.13	153.54 2.77 -75.94	144.48 2.49 -70.91	137.50 2.62 -64.02	121.02 2.69 -47.61	99.74 2.77 -26.04	109.14 2.90 -35.53
BETHPAGE_CC_5 323564	89.99 5.95 -14.01	84.86 5.64 -9.53	79.67 5.41 -5.83	78.18 5.50 -2.99	78.18 5.51 -2.91	80.08 5.97 -3.78	86.12 5.66 -13.86	84.89 5.08 -25.16	86.06 5.64 -21.71	101.71 7.04 -24.89	131.27 8.18 -48.03	131.93 7.67 -53.30	142.93 7.49 -64.75	137.37 7.48 -59.28	134.89 7.78 -56.43	137.70 7.85 -59.09	147.94 8.09 -68.25	171.03 7.70 -92.03	164.15 8.16 -81.17	155.07 7.53 -76.46	148.93 7.15 -70.92	127.15 7.07 -49.36	109.69 7.38 -31.38	106.63 6.72 -29.19
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	65.55 -4.48 0.00	64.60 -5.09 0.00	63.03 -5.41 0.00	64.04 -5.64 0.00	64.32 -5.44 0.00	65.90 -4.43 0.00	62.34 -4.26 0.00	50.60 -4.04 0.00	54.25 -4.46 0.00	66.14 -6.07 -2.44	72.76 -6.61 -4.31	64.54 -5.89 0.53	66.02 -5.58 -0.92	69.09 -6.64 -5.12	69.81 -5.37 -4.50	70.86 -4.88 -4.98	73.23 -5.16 -6.78	79.88 -3.71 -12.29	82.22 -3.44 -10.83	76.79 -4.41 -10.11	74.89 -5.10 -9.13	72.48 -5.02 -6.78	70.74 -3.90 -3.71	72.81 -2.97 -5.06

BINGHAMTON___COGEN 23790	70.25 0.21 0.00	69.48 -0.21 0.00	68.23 -0.21 0.00	69.41 -0.28 0.00	69.55 -0.21 0.00	70.61 0.28 0.00	66.74 0.13 0.00	57.68 0.00 -3.03	61.51 0.06 -2.74	74.67 -0.14 -5.04	84.04 0.08 -8.90	83.32 0.21 -12.14	82.84 0.35 -11.80	81.02 -0.07 -10.47	80.42 0.42 -9.30	81.63 0.57 -10.31	86.45 0.64 -14.20	95.71 1.07 -23.34	96.60 1.20 -20.58	91.08 0.78 -19.22	88.63 0.43 -17.35	83.96 0.35 -12.89	78.55 0.57 -7.05	81.04 0.71 -9.62
BIXINCNT_115KV_LOAD 355685	64.08 -5.95 0.00	63.13 -6.55 0.00	61.66 -6.78 0.00	62.65 -7.04 0.00	63.13 -6.63 0.00	64.84 -5.49 0.00	61.34 -5.26 0.00	50.22 -4.43 0.00	53.89 -4.81 0.00	66.09 -6.28 -2.60	72.16 -7.51 -4.60	66.25 -6.81 -2.10	67.38 -6.29 -2.98	67.96 -8.12 -5.47	69.56 -5.94 -4.81	71.13 -4.95 -5.33	73.04 -5.80 -7.24	80.15 -4.21 -13.06	82.75 -3.59 -11.52	77.28 -4.55 -10.75	75.18 -5.39 -9.71	72.70 -5.23 -7.21	70.62 -4.26 -3.94	72.71 -3.39 -5.38
BLACK RIVER___HYD 24047	71.58 1.54 0.00	71.01 1.32 0.00	69.39 0.96 0.00	70.31 0.63 0.00	70.32 0.56 0.00	71.17 0.85 0.00	67.27 0.67 0.00	55.36 0.71 0.00	59.47 0.76 0.00	70.54 0.77 0.00	73.93 1.35 2.48	72.95 1.21 -0.78	72.40 0.99 -0.72	71.81 0.99 -0.21	71.89 1.20 0.00	72.10 1.34 0.00	73.75 1.93 -0.21	77.02 2.07 -3.65	80.29 2.24 -3.22	76.14 2.06 -3.00	75.41 1.84 -2.71	74.50 1.77 -2.01	73.53 1.49 -1.10	73.28 1.06 -1.50
BLACKRVR_115KV_TB2 79977	71.58 1.54 0.00	71.01 1.32 0.00	69.39 0.96 0.00	70.31 0.63 0.00	70.32 0.56 0.00	71.17 0.84 0.00	67.27 0.67 0.00	55.36 0.71 0.00	59.47 0.76 0.00	70.54 0.77 0.00	73.93 1.35 2.48	72.95 1.21 -0.78	72.40 0.99 -0.72	71.81 0.99 -0.21	71.89 1.20 0.00	72.10 1.34 0.00	73.75 1.93 -0.21	77.02 2.07 -3.65	80.29 2.24 -3.22	76.14 2.06 -3.00	75.41 1.84 -2.71	74.50 1.77 -2.01	73.52 1.49 -1.10	73.28 1.06 -1.50
BLISS_WT_PWR 323608	63.31 -6.72 0.00	62.37 -7.32 0.00	60.91 -7.53 0.00	61.95 -7.74 0.00	62.44 -7.32 0.00	64.28 -6.05 0.00	60.74 -5.86 0.00	49.84 -4.81 0.00	53.54 -5.17 0.00	65.68 -6.70 -2.60	72.31 -7.35 -4.60	65.68 -7.38 -2.10	66.74 -6.92 -2.98	67.39 -8.69 -5.47	68.99 -6.50 -4.81	70.78 -5.31 -5.33	72.76 -6.09 -7.24	80.01 -4.35 -13.06	82.61 -3.74 -11.52	77.07 -4.76 -10.75	75.18 -5.39 -9.71	72.49 -5.44 -7.21	70.41 -4.47 -3.94	72.57 -3.53 -5.38
BLUESTONE___WT_PWR 323821	73.75 3.71 0.00	72.96 3.28 0.00	71.31 2.87 0.00	72.26 2.58 0.00	72.41 2.65 0.00	73.77 3.45 0.00	69.74 3.13 0.00	62.86 2.57 -5.65	66.75 2.93 -5.11	80.73 3.49 -7.48	92.76 4.50 -13.19	90.90 4.40 -15.53	90.71 4.38 -15.63	89.57 3.95 -15.01	89.09 4.59 -13.81	91.00 4.95 -15.30	96.94 5.37 -19.96	102.12 5.71 -25.12	103.11 6.14 -22.15	97.44 5.69 -20.68	94.91 5.38 -18.67	89.54 4.95 -13.87	83.20 4.68 -7.58	85.24 4.17 -10.35
BLUE_CIRC_CHEM_DRP 24182	73.05 3.01 0.00	72.54 2.86 0.00	71.24 2.81 0.00	72.68 3.00 0.00	72.90 3.14 0.00	73.56 3.24 0.00	69.27 2.66 0.00	86.11 2.08 -29.39	87.56 2.29 -26.57	103.02 2.79 -30.45	132.07 3.30 -53.71	132.92 3.19 -58.76	134.08 3.11 -60.28	133.88 3.11 -60.16	129.98 3.04 -56.25	136.04 2.97 -62.32	154.56 3.01 -79.95	159.14 2.92 -84.91	152.84 3.14 -74.87	143.90 2.91 -69.91	136.94 2.98 -63.11	120.62 2.97 -46.93	99.65 3.05 -25.66	108.85 3.11 -35.02
BOC_GAS_DRP 24189	72.42 2.38 0.00	71.91 2.23 0.00	70.63 2.19 0.00	72.05 2.37 0.00	72.13 2.37 0.00	72.93 2.60 0.00	68.80 2.20 0.00	82.10 1.75 -25.71	83.94 2.00 -23.24	100.30 2.51 -28.01	127.49 3.00 -49.42	129.92 2.91 -56.05	130.47 2.83 -56.96	129.14 2.75 -55.77	125.19 2.76 -51.75	130.77 2.69 -57.32	148.70 2.72 -74.37	159.76 2.71 -85.75	153.36 2.92 -75.61	144.38 2.70 -70.60	137.29 2.69 -63.74	120.80 2.69 -47.39	99.61 2.77 -25.91	108.84 2.76 -35.36
BOONVILLE_115KV_TB1 79983	72.00 1.96 0.00	71.50 1.81 0.00	69.94 1.51 0.00	71.08 1.39 0.00	71.16 1.40 0.00	72.02 1.69 0.00	68.14 1.53 0.00	55.96 1.31 0.00	60.18 1.47 0.00	71.44 1.67 0.85	76.39 2.18 -0.55	73.57 2.06 -0.46	73.13 1.98 -0.13	72.58 1.84 0.00	72.74 2.05 0.00	72.88 2.12 0.00	74.19 2.36 -0.22	75.99 2.35 -2.33	79.35 2.47 -2.06	75.27 2.27 -1.92	74.72 2.13 -1.73	74.06 2.05 -1.29	73.55 1.92 -0.70	73.31 1.63 -0.96
BORALEX_4TH_BRANCH 23824	74.80 4.76 0.00	74.21 4.53 0.00	72.75 4.31 0.00	74.21 4.53 0.00	74.36 4.60 0.00	75.25 4.92 0.00	71.13 4.53 0.00	116.81 4.54 -57.63	115.79 4.99 -52.09	125.93 6.07 -50.09	169.95 6.68 -88.21	159.91 6.32 -82.63	165.17 5.94 -88.54	172.31 5.79 -95.91	169.36 6.15 -92.52	179.19 5.94 -102.49	203.53 6.30 -125.63	162.95 5.78 -85.88	156.61 6.06 -75.72	147.46 5.69 -70.70	140.21 5.53 -63.83	123.80 5.59 -47.49	102.65 5.75 -25.97	111.67 5.52 -35.43
BOWLINE___1 23526	73.40 3.36 0.00	72.75 3.06 0.00	71.44 3.01 0.00	72.75 3.06 0.00	72.83 3.07 0.00	73.77 3.45 0.00	69.87 3.26 0.00	64.61 3.06 -6.91	68.41 3.46 -6.24	87.39 4.60 -13.02	103.73 5.63 -23.04	109.76 5.32 -33.47	107.93 5.16 -32.09	103.23 5.09 -27.53	100.11 5.37 -24.05	102.77 5.37 -26.64	114.80 5.51 -37.69	145.24 5.35 -68.59	140.84 5.54 -60.48	132.67 5.12 -56.47	126.66 4.82 -50.98	113.29 4.81 -37.76	96.47 4.89 -20.65	103.35 4.46 -28.17
BOWLINE___2 23595	73.54 3.50 0.00	72.89 3.21 0.00	71.52 3.08 0.00	72.82 3.14 0.00	72.97 3.21 0.00	73.84 3.51 0.00	70.00 3.39 0.00	64.67 3.11 -6.91	68.53 3.58 -6.24	87.47 4.68 -13.02	103.73 5.63 -23.04	109.76 5.32 -33.48	107.93 5.16 -32.09	103.23 5.09 -27.53	100.11 5.37 -24.05	102.78 5.37 -26.64	114.81 5.51 -37.69	145.25 5.35 -68.60	140.85 5.54 -60.48	132.67 5.12 -56.47	126.66 4.82 -50.98	113.29 4.81 -37.76	96.47 4.89 -20.65	103.35 4.46 -28.17
BRADY___115KV_TB2 356060	69.97 -0.07 0.00	70.03 0.35 0.00	68.64 0.21 0.00	69.75 0.07 0.00	69.62 -0.14 0.00	69.27 -1.05 0.00	65.94 -0.67 0.00	54.48 -0.16 0.00	58.18 -0.53 0.00	68.65 -1.12 0.00	61.50 -1.58 11.98	68.45 -1.70 0.81	68.99 -1.70 0.00	68.92 -1.69 0.00	68.92 -1.77 0.00	68.92 -1.84 0.00	68.17 -2.08 1.36	69.09 -2.21 0.00	72.58 -2.24 0.00	69.30 -1.78 0.00	69.51 -1.35 0.00	69.73 -0.99 0.00	69.80 -1.13 0.00	69.87 -0.85 0.00
BRANSCOMB___SOLAR 323811	73.89 3.85 0.00	73.31 3.62 0.00	71.92 3.49 0.00	73.38 3.69 0.00	73.73 3.97 0.00	74.41 4.08 0.00	70.27 3.66 0.00	129.24 3.28 -71.32	126.75 3.58 -64.46	133.98 4.40 -59.81	185.25 4.88 -105.31	170.60 4.61 -95.03	178.82 5.16 -102.97	189.50 5.15 -113.74	186.48 5.30 -110.49	198.52 5.37 -122.39	225.71 5.59 -148.51	165.29 5.42 -88.57	158.68 5.76 -78.09	149.25 5.26 -72.92	141.86 5.17 -65.83	124.70 5.02 -48.96	102.74 5.04 -26.77	112.12 4.88 -36.53
BRENTWOD_69_KV_W. BRTWOOD 56703	92.91 7.42 -15.45	87.31 7.11 -10.51	81.64 6.78 -6.43	79.88 6.90 -3.29	79.87 6.91 -3.21	81.81 7.31 -4.17	88.95 7.06 -15.29	87.78 6.12 -27.02	88.80 6.81 -23.28	104.29 8.44 -26.07	118.39 8.93 -34.40	121.94 8.23 -42.75	125.76 7.99 -47.08	120.68 8.05 -42.02	117.84 8.41 -38.74	120.66 8.49 -41.42	132.17 8.74 -51.83	159.67 8.27 -80.10	154.30 8.83 -70.64	145.47 8.17 -66.22	139.10 7.65 -60.59	121.67 7.50 -43.45	104.49 7.94 -25.61	107.12 7.21 -29.19



BRISTLHL_115KV_TB1 79998	68.43 -1.61 0.00	67.80 -1.88 0.00	66.52 -1.92 0.00	67.73 -1.95 0.00	67.81 -1.95 0.00	68.71 -1.62 0.00	64.87 -1.73 0.00	53.17 -1.48 0.00	57.18 -1.53 0.00	67.96 -1.81 0.00	73.35 -1.73 -0.01	70.84 -1.56 -1.44	70.15 -1.63 -1.09	69.37 -1.55 -0.31	69.13 -1.56 0.00	69.20 -1.56 0.00	71.06 -1.29 -0.75	75.76 -1.07 -5.53	78.65 -1.05 -4.87	74.42 -1.21 -4.55	73.55 -1.42 -4.11	72.29 -1.49 -3.05	71.18 -1.42 -1.67	71.58 -1.41 -2.28
BROOKHAVEN___DRP 24191	93.07 7.42 -15.61	87.28 6.97 -10.62	81.51 6.57 -6.50	79.63 6.62 -3.33	79.70 6.70 -3.24	81.64 7.10 -4.21	88.98 6.93 -15.45	87.93 6.07 -27.22	88.86 6.69 -23.45	104.28 8.30 -26.20	116.53 8.63 -32.84	120.38 7.88 -41.54	123.30 7.56 -45.05	118.28 7.63 -40.04	115.53 8.13 -36.72	118.35 8.21 -39.39	130.07 8.52 -49.95	158.09 8.06 -78.74	152.86 8.61 -69.43	144.09 7.96 -65.05	137.57 7.30 -59.41	120.64 7.14 -42.78	103.48 7.59 -24.96	106.77 6.86 -29.19
BROOKLYN_NAVY_YARD 23515	74.24 4.20 0.00	73.58 3.90 0.00	72.06 3.62 0.00	73.31 3.62 0.00	73.39 3.63 0.00	74.41 4.08 0.00	70.67 4.06 0.00	65.64 3.82 -7.16	69.59 4.41 -6.48	88.81 5.58 -13.45	105.39 6.53 -23.80	111.84 6.25 -34.63	109.81 5.94 -33.19	105.06 6.00 -28.45	101.76 6.22 -24.85	104.51 6.23 -27.52	116.97 6.45 -38.92	148.22 6.20 -70.72	143.62 6.44 -62.35	135.19 5.90 -58.22	129.01 5.60 -52.56	115.35 5.52 -39.12	98.00 5.68 -21.39	105.06 5.16 -29.18
BROOKLYN___ARMY_DRP 323595	162.80 4.83 -87.93	74.14 4.46 0.00	72.54 4.11 0.00	73.80 4.11 0.00	73.88 4.12 0.00	74.69 4.36 0.00	162.29 4.26 -91.42	162.21 3.93 -103.62	163.74 4.40 -100.62	180.85 5.58 -105.50	169.61 6.68 -87.87	171.43 6.53 -93.94	169.57 6.15 -92.74	169.64 6.21 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.80 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.35 5.81 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.60 5.66 -86.23
BROOKVLE_69_KV_TB1 55790	85.23 5.81 -9.38	81.50 5.44 -6.38	77.54 5.20 -3.91	76.98 5.30 -2.00	77.01 5.30 -1.95	78.56 5.70 -2.53	81.42 5.53 -9.29	78.79 4.92 -19.22	80.91 5.52 -16.68	97.66 6.77 -21.12	146.81 7.96 -63.79	143.98 7.59 -65.43	163.33 7.35 -85.29	157.22 7.27 -79.34	155.30 7.63 -76.98	157.96 7.57 -79.63	166.74 7.80 -87.33	184.82 7.63 -105.89	176.16 7.93 -93.40	166.73 7.32 -88.33	160.65 6.94 -82.85	133.58 6.86 -56.00	115.81 7.02 -37.85	106.35 6.44 -29.20
BROOME_2_LFGE 323671	70.25 0.21 0.00	69.48 -0.21 0.00	68.23 -0.20 0.00	69.41 -0.28 0.00	69.55 -0.21 0.00	70.68 0.35 0.00	66.74 0.13 0.00	57.68 0.00 -3.03	61.51 0.06 -2.74	74.67 -0.14 -5.04	84.11 0.15 -8.90	83.32 0.21 -12.14	82.84 0.36 -11.80	81.02 -0.07 -10.47	80.42 0.43 -9.30	81.63 0.56 -10.31	86.45 0.64 -14.20	95.71 1.07 -23.34	96.60 1.19 -20.58	91.08 0.78 -19.22	88.70 0.50 -17.35	83.96 0.36 -12.89	78.55 0.56 -7.05	81.04 0.71 -9.62
BROOME___LFGE 323600	70.25 0.21 0.00	69.48 -0.21 0.00	68.23 -0.20 0.00	69.41 -0.28 0.00	69.55 -0.21 0.00	70.68 0.35 0.00	66.74 0.13 0.00	57.68 0.00 -3.03	61.51 0.06 -2.74	74.67 -0.14 -5.04	84.11 0.15 -8.90	83.32 0.21 -12.14	82.84 0.36 -11.80	81.02 -0.07 -10.47	80.42 0.43 -9.30	81.63 0.56 -10.31	86.45 0.64 -14.20	95.71 1.07 -23.34	96.60 1.19 -20.58	91.08 0.78 -19.22	88.70 0.50 -17.35	83.96 0.36 -12.89	78.55 0.56 -7.05	81.04 0.71 -9.62
BROWNFLS_115KV_TB_3_5 80003	69.83 -0.21 0.00	69.55 -0.14 0.00	68.09 -0.34 0.00	69.13 -0.56 0.00	68.99 -0.77 0.00	69.06 -1.27 0.00	65.21 -1.40 0.00	53.83 -0.82 0.00	57.65 -1.06 0.00	68.31 -1.47 0.00	66.77 -1.35 6.94	69.56 -1.42 -0.02	69.50 -1.56 -0.37	69.16 -1.55 -0.11	69.20 -1.48 0.00	69.06 -1.70 0.00	69.42 -1.65 0.54	71.52 -1.64 -1.86	74.82 -1.65 -1.64	71.19 -1.42 -1.53	70.96 -1.28 -1.38	70.90 -0.85 -1.03	70.57 -0.92 -0.56	70.64 -0.85 -0.77
BROWNSV1_27_KV_LOAD 356125	74.87 4.83 0.00	74.21 4.53 0.00	72.68 4.24 0.00	73.94 4.25 0.00	74.02 4.26 0.00	74.97 4.64 0.00	71.20 4.60 0.00	66.07 4.26 -7.16	70.00 4.81 -6.48	89.29 6.07 -13.45	105.99 7.13 -23.80	112.48 6.88 -34.63	110.45 6.57 -33.19	105.70 6.64 -28.45	102.39 6.86 -24.85	105.14 6.86 -27.52	117.61 7.09 -38.92	148.86 6.84 -70.72	144.37 7.18 -62.35	135.84 6.54 -58.22	129.65 6.24 -52.56	115.99 6.15 -39.12	98.63 6.31 -21.39	105.63 5.73 -29.18
BURROWS___LYONSDAL 23803	71.79 1.75 0.00	71.29 1.60 0.00	69.74 1.30 0.00	70.80 1.11 0.00	70.88 1.12 0.00	71.73 1.41 0.00	67.80 1.20 0.00	55.74 1.09 0.00	59.94 1.23 0.00	71.17 1.40 0.00	75.55 1.88 1.39	73.27 1.77 -0.53	72.79 1.63 -0.47	72.30 1.55 -0.14	72.38 1.70 0.00	72.53 1.77 0.00	73.77 2.00 -0.17	75.69 2.00 -2.40	79.11 2.17 -2.11	75.04 1.99 -1.97	74.48 1.84 -1.78	73.88 1.84 -1.32	73.29 1.63 -0.72	73.12 1.41 -0.99
CAITHNESS_CC_1 323624	92.80 7.15 -15.61	87.07 6.76 -10.63	81.30 6.37 -6.50	79.50 6.48 -3.33	79.49 6.49 -3.24	81.44 6.90 -4.21	88.72 6.66 -15.45	87.72 5.85 -27.23	88.68 6.52 -23.46	103.72 7.74 -26.21	116.11 8.26 -32.80	120.07 7.60 -41.51	123.04 7.35 -45.00	118.01 7.41 -39.99	115.20 7.85 -36.66	118.02 7.92 -39.34	129.73 8.23 -49.90	157.77 7.77 -78.70	152.61 8.38 -69.40	143.78 7.68 -65.02	137.32 7.08 -59.38	120.42 6.93 -42.76	103.25 7.38 -24.94	106.55 6.65 -29.19
CALPINE BETH_PAGE_GT4 24209	89.27 5.95 -13.28	84.36 5.64 -9.04	79.30 5.34 -5.53	77.95 5.44 -2.83	78.03 5.51 -2.76	79.82 5.91 -3.58	85.41 5.66 -13.14	83.90 5.03 -24.23	85.26 5.64 -20.92	101.19 7.12 -24.30	137.66 8.03 -54.57	136.93 7.59 -58.37	151.25 7.35 -73.21	145.49 7.34 -67.53	143.28 7.70 -64.89	146.01 7.71 -67.54	155.66 7.95 -76.10	176.66 7.63 -97.73	169.04 8.01 -86.20	159.84 7.39 -81.37	153.74 7.01 -75.87	129.88 6.93 -52.23	112.35 7.24 -34.18	106.49 6.58 -29.20
CALPINE_BETH_PAGE_GT_4 323586	89.27 5.95 -13.28	84.36 5.64 -9.04	79.31 5.34 -5.53	77.96 5.44 -2.83	78.03 5.51 -2.76	79.82 5.91 -3.58	85.40 5.66 -13.14	83.90 5.02 -24.23	85.27 5.64 -20.92	101.05 6.98 -24.30	137.67 8.04 -54.57	136.93 7.60 -58.37	151.25 7.35 -73.21	145.49 7.34 -67.53	143.28 7.71 -64.89	146.01 7.71 -67.54	155.66 7.95 -76.10	176.67 7.63 -97.73	169.04 8.01 -86.20	159.84 7.39 -81.37	153.74 7.02 -75.87	129.88 6.93 -52.23	112.35 7.24 -34.18	106.49 6.58 -29.20
CALPINE_BP_GT1 23823	89.27 5.95 -13.28	84.36 5.64 -9.04	79.31 5.34 -5.53	77.96 5.44 -2.83	78.03 5.51 -2.76	79.82 5.91 -3.58	85.40 5.66 -13.14	83.90 5.02 -24.23	85.27 5.64 -20.92	101.05 6.98 -24.30	137.67 8.04 -54.57	136.93 7.60 -58.37	151.25 7.35 -73.21	145.49 7.34 -67.53	143.28 7.71 -64.89	146.01 7.71 -67.54	155.66 7.95 -76.10	176.67 7.63 -97.73	169.04 8.01 -86.20	159.84 7.39 -81.37	153.74 7.02 -75.87	129.88 6.93 -52.23	112.35 7.24 -34.18	106.49 6.58 -29.20
CALSPAN___DRP 24200	65.34 -4.69 0.00	64.39 -5.30 0.00	62.89 -5.54 0.00	63.83 -5.85 0.00	64.18 -5.58 0.00	65.69 -4.64 0.00	62.14 -4.46 0.00	50.44 -4.21 0.00	54.07 -4.64 0.00	65.89 -6.28 -2.40	72.62 -6.68 -4.24	63.89 -6.03 1.04	65.41 -5.80 -0.52	69.09 -6.57 -5.04	69.53 -5.58 -4.43	70.50 -5.17 -4.91	73.20 -5.08 -6.68	79.71 -3.71 -12.11	82.07 -3.44 -10.68	76.65 -4.41 -9.97	74.76 -5.10 -9.00	72.39 -5.02 -6.69	70.76 -3.83 -3.66	72.81 -2.90 -4.99



CHESTROR_138KV_BK263 355645	73.26 3.22 0.00	72.68 3.00 0.00	71.31 2.87 0.00	72.61 2.93 0.00	72.69 2.93 0.00	73.56 3.24 0.00	69.67 3.06 0.00	64.01 2.79 -6.58	67.89 3.23 -5.95	86.28 4.05 -12.46	101.98 4.88 -22.05	107.74 4.68 -32.09	105.96 4.52 -30.75	101.42 4.45 -26.36	98.37 4.67 -23.02	100.99 4.74 -25.50	112.62 4.94 -36.07	141.83 4.78 -65.75	137.74 4.94 -57.98	129.76 4.55 -54.13	123.98 4.25 -48.87	111.22 4.24 -36.25	95.08 4.33 -19.82	101.73 3.96 -27.05
CH_MIDHUDSON___DRP 24192	74.24 4.20 0.00	73.59 3.90 0.00	72.20 3.76 0.00	73.52 3.83 0.00	73.67 3.91 0.00	74.55 4.22 0.00	70.60 4.00 0.00	65.91 3.55 -7.71	69.67 3.99 -6.97	88.76 5.02 -13.97	105.63 5.85 -24.72	112.05 5.54 -35.55	110.21 5.37 -34.15	105.37 5.30 -29.46	102.08 5.58 -25.81	104.93 5.59 -28.59	117.66 5.80 -40.26	148.94 5.70 -71.93	144.09 5.84 -63.43	135.70 5.40 -59.22	129.42 5.10 -53.47	115.56 5.09 -39.75	97.92 5.25 -21.73	105.18 4.81 -29.66
CH_MISC_IPPS 23765	74.45 4.42 0.00	73.87 4.18 0.00	72.40 3.97 0.00	73.72 4.04 0.00	73.88 4.11 0.00	74.76 4.43 0.00	70.87 4.27 0.00	65.84 3.72 -7.48	69.64 4.17 -6.76	88.67 5.24 -13.66	105.39 6.16 -24.17	111.57 5.75 -34.86	109.81 5.66 -33.47	104.96 5.51 -28.83	101.72 5.80 -25.24	104.58 5.87 -27.96	117.17 6.16 -39.41	147.99 5.99 -70.70	143.30 6.14 -62.33	134.89 5.61 -58.20	128.78 5.38 -52.55	115.08 5.31 -39.05	97.75 5.46 -21.35	104.88 5.02 -29.14
CH_RES_BVR_FALLS 23983	68.08 -1.96 0.00	68.01 -1.67 0.00	66.79 -1.64 0.00	68.01 -1.67 0.00	68.02 -1.74 0.00	68.15 -2.18 0.00	64.74 -1.86 0.00	53.23 -1.42 0.00	57.07 -1.64 0.00	67.74 -2.03 0.00	52.18 -2.48 20.40	67.18 -2.41 1.37	68.28 -2.40 0.00	68.35 -2.26 0.00	68.36 -2.33 0.00	68.42 -2.33 0.00	66.78 -2.51 2.31	69.73 -1.57 0.00	73.18 -1.65 0.00	69.66 -1.42 0.00	69.65 -1.20 0.00	69.58 -1.13 0.00	69.80 -1.14 0.00	69.73 -0.99 0.00
CH_RES_NIAGARA 23895	63.87 -6.16 0.00	62.99 -6.69 0.00	61.52 -6.91 0.00	62.44 -7.25 0.00	62.78 -6.98 0.00	64.28 -6.05 0.00	60.41 -6.19 0.00	48.85 -5.79 0.00	52.37 -6.34 0.00	63.39 -8.58 -2.20	70.47 -8.48 -3.89	63.78 -7.31 -0.13	64.56 -7.42 -1.29	67.40 -7.84 -4.63	66.62 -8.13 -4.06	67.47 -7.78 -4.50	71.01 -6.73 -6.14	77.15 -5.35 -11.20	79.47 -5.24 -9.87	74.19 -6.11 -9.22	72.38 -6.80 -8.32	70.26 -6.65 -6.18	68.92 -5.39 -3.38	70.95 -4.38 -4.61
CH_RES_SYRACUSE 23985	69.83 -0.21 0.00	69.12 -0.56 0.00	67.89 -0.55 0.00	69.06 -0.63 0.00	69.20 -0.56 0.00	70.12 -0.21 0.00	66.27 -0.33 0.00	54.32 -0.33 0.00	58.42 -0.29 0.00	69.35 -0.42 0.00	74.93 -0.15 -0.02	72.98 -0.07 -2.09	72.20 -0.07 -1.58	70.99 -0.07 -0.45	70.69 0.00 0.00	70.83 0.07 0.00	73.04 0.36 -1.08	80.03 0.71 -8.01	82.64 0.75 -7.06	78.18 0.50 -6.60	77.03 0.21 -5.96	75.29 0.14 -4.42	73.57 0.21 -2.42	74.16 0.14 -3.30
CLINTON_WT_PWR 323605	68.78 -1.26 0.00	68.50 -1.19 0.00	67.00 -1.44 0.00	68.08 -1.60 0.00	68.02 -1.74 0.00	67.73 -2.60 0.00	64.27 -2.33 0.00	52.85 -1.80 0.00	56.60 -2.11 0.00	67.26 -2.51 0.00	58.52 -3.30 13.24	66.95 -3.12 0.89	67.86 -2.83 0.00	67.86 -2.75 0.00	67.93 -2.76 0.00	68.00 -2.76 0.00	66.81 -3.29 1.50	68.09 -3.21 0.00	71.31 -3.52 0.00	68.10 -2.98 0.00	68.24 -2.62 0.00	68.31 -2.40 0.00	68.45 -2.48 0.00	68.67 -2.05 0.00
CLINTON___LFGE 323618	69.90 -0.14 0.00	69.61 -0.07 0.00	68.10 -0.34 0.00	69.12 -0.56 0.00	69.13 -0.63 0.00	68.78 -1.55 0.00	65.14 -1.47 0.00	53.55 -1.09 0.00	57.42 -1.29 0.00	68.38 -1.39 0.00	59.64 -2.25 13.17	68.09 -1.99 0.89	68.92 -1.76 0.00	68.92 -1.70 0.00	68.92 -1.76 0.00	68.99 -1.77 0.00	67.82 -2.29 1.49	69.30 -2.00 0.00	72.59 -2.24 0.00	69.23 -1.85 0.00	69.44 -1.42 0.00	69.45 -1.27 0.00	69.44 -1.49 0.00	69.94 -0.78 0.00
COBBLENY_34_KV_TB1 80064	65.62 -4.41 0.00	64.67 -5.02 0.00	63.17 -5.27 0.00	64.11 -5.57 0.00	64.39 -5.37 0.00	65.97 -4.36 0.00	62.41 -4.20 0.00	50.66 -3.99 0.00	54.31 -4.40 0.00	66.27 -6.00 -2.50	73.03 -6.46 -4.42	65.76 -5.75 -0.54	67.00 -5.44 -1.76	69.44 -6.43 -5.26	70.00 -5.30 -4.62	70.99 -4.88 -5.12	73.55 -5.01 -6.96	80.32 -3.57 -12.59	82.63 -3.29 -11.10	77.18 -4.26 -10.36	75.25 -4.96 -9.36	72.79 -4.88 -6.95	70.97 -3.76 -3.80	73.01 -2.90 -5.19
COFFEEN___115KV_TB3 355620	72.14 2.10 0.00	71.57 1.88 0.00	69.80 1.37 0.00	70.73 1.05 0.00	70.74 0.98 0.00	71.73 1.41 0.00	67.80 1.20 0.00	55.79 1.15 0.00	59.88 1.17 0.00	71.03 1.26 0.00	74.53 1.88 2.41	73.47 1.70 -0.81	72.98 1.56 -0.73	72.38 1.55 -0.21	72.45 1.77 0.00	72.67 1.91 0.00	74.41 2.58 -0.23	77.80 2.78 -3.72	81.10 2.99 -3.28	76.91 2.77 -3.06	76.10 2.48 -2.76	75.18 2.40 -2.05	74.11 2.06 -1.12	73.81 1.56 -1.53
COLDSPRG_115KV_BK1 355956	67.17 -2.87 0.00	66.13 -3.55 0.00	64.60 -3.83 0.00	65.57 -4.11 0.00	65.85 -3.91 0.00	67.51 -2.81 0.00	64.01 -2.60 0.00	53.69 -2.51 -1.55	57.29 -2.82 -1.40	68.58 -3.84 -2.64	75.01 -4.73 -4.68	70.45 -3.83 -3.32	71.42 -3.18 -3.91	71.15 -5.01 -5.56	72.82 -2.76 -4.88	73.97 -2.19 -5.41	75.97 -3.22 -7.58	82.76 -1.78 -13.25	85.09 -1.42 -11.68	79.50 -2.49 -10.91	77.58 -3.12 -9.85	74.92 -3.11 -7.32	72.95 -1.99 -4.00	75.12 -1.06 -5.46
COLONIE_LFGE___ 323577	73.68 3.64 0.00	73.10 3.41 0.00	71.72 3.28 0.00	73.17 3.48 0.00	73.39 3.63 0.00	74.12 3.80 0.00	70.00 3.39 0.00	121.67 3.22 -63.80	119.96 3.58 -57.67	128.69 4.40 -54.52	176.02 4.95 -96.01	164.01 4.68 -88.36	170.54 4.66 -95.18	179.26 4.59 -104.06	176.14 4.74 -100.71	186.99 4.67 -111.57	212.57 4.87 -136.10	163.21 4.49 -87.41	156.62 4.72 -77.07	147.45 4.41 -71.96	140.15 4.32 -64.97	123.36 4.31 -48.33	101.76 4.40 -26.43	111.02 4.24 -36.06
COOPERNY_115KV_TB1 80082	72.42 2.38 0.00	71.84 2.16 0.00	70.49 2.05 0.00	71.77 2.09 0.00	71.92 2.16 0.00	72.79 2.46 0.00	68.87 2.26 0.00	62.10 2.08 -5.37	65.91 2.35 -4.86	82.95 3.00 -10.18	96.76 3.68 -18.02	100.71 3.55 -26.20	99.26 3.46 -25.11	95.54 3.39 -21.54	93.03 3.53 -18.81	95.20 3.61 -20.84	104.86 3.80 -29.46	128.60 3.71 -53.59	125.90 3.82 -47.25	118.68 3.48 -44.12	114.02 3.33 -39.83	103.54 3.25 -29.57	90.44 3.33 -16.17	95.82 3.04 -22.06
COPENHAGEN_WT_PWR 323753	71.30 1.26 0.00	70.73 1.05 0.00	69.12 0.68 0.00	70.03 0.35 0.00	70.04 0.28 0.00	70.96 0.63 0.00	67.07 0.47 0.00	55.14 0.49 0.00	59.24 0.53 0.00	70.26 0.49 0.00	73.84 1.05 2.27	72.73 0.92 -0.85	72.22 0.78 -0.76	71.61 0.78 -0.22	71.68 0.99 0.00	71.82 1.06 0.00	73.44 1.57 -0.26	76.92 1.78 -3.84	80.15 1.94 -3.38	76.02 1.78 -3.16	75.27 1.56 -2.85	74.33 1.49 -2.12	73.30 1.20 -1.16	73.15 0.85 -1.58
CORNELL_____ 23752	71.44 1.40 0.00	70.59 0.91 0.00	69.33 0.89 0.00	70.52 0.84 0.00	70.60 0.84 0.00	71.73 1.41 0.00	67.87 1.27 0.00	57.84 1.04 -2.15	61.89 1.23 -1.95	74.48 1.19 -3.52	82.86 1.58 -6.23	83.53 1.56 -11.00	82.44 1.63 -10.13	79.36 1.41 -7.34	79.03 1.84 -6.51	80.02 2.05 -7.21	83.93 2.36 -9.96	90.67 2.85 -16.51	92.46 3.07 -14.56	87.30 2.63 -13.60	85.33 2.20 -12.27	81.89 2.05 -9.12	77.98 2.06 -4.99	79.50 1.98 -6.80







ELLENBURG_WT_PWR 323604	68.78 -1.26 0.00	68.50 -1.19 0.00	67.00 -1.44 0.00	68.08 -1.60 0.00	68.02 -1.74 0.00	67.73 -2.60 0.00	64.27 -2.33 0.00	52.85 -1.80 0.00	56.60 -2.11 0.00	67.26 -2.51 0.00	58.52 -3.30 13.24	66.95 -3.12 0.89	67.86 -2.83 0.00	67.86 -2.75 0.00	67.93 -2.76 0.00	68.00 -2.76 0.00	66.81 -3.29 1.50	68.09 -3.21 0.00	71.31 -3.52 0.00	68.10 -2.98 0.00	68.24 -2.62 0.00	68.31 -2.40 0.00	68.45 -2.48 0.00	68.67 -2.05 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	65.06 -4.97 0.00	64.11 -5.57 0.00	62.62 -5.82 0.00	63.55 -6.13 0.00	63.90 -5.86 0.00	65.41 -4.92 0.00	61.81 -4.80 0.00	50.11 -4.54 0.00	53.72 -4.99 0.00	65.41 -6.70 -2.33	72.28 -6.91 -4.13	63.14 -6.24 1.58	64.62 -6.15 -0.09	68.89 -6.64 -4.91	68.92 -6.08 -4.31	69.87 -5.66 -4.78	72.88 -5.23 -6.51	79.27 -3.85 -11.82	81.66 -3.59 -10.42	76.26 -4.55 -9.73	74.40 -5.24 -8.79	72.08 -5.16 -6.53	70.53 -3.97 -3.57	72.55 -3.04 -4.87
EMPIRE_CC_1 323656	73.05 3.01 0.00	72.47 2.79 0.00	71.18 2.74 0.00	72.54 2.86 0.00	72.69 2.93 0.00	73.50 3.17 0.00	69.40 2.80 0.00	98.25 3.00 -40.60	98.75 3.34 -36.70	111.94 4.19 -37.98	146.87 4.88 -66.94	142.95 4.61 -67.37	145.71 4.31 -70.71	148.60 4.24 -73.75	145.23 4.38 -70.16	152.72 4.25 -77.72	173.27 4.44 -97.22	157.79 3.42 -83.06	151.66 3.59 -73.24	142.80 3.34 -68.38	136.35 3.75 -61.74	120.46 3.75 -46.00	99.98 3.90 -25.15	108.78 3.75 -34.32
EMPIRE_CC_2 323658	73.05 3.01 0.00	72.47 2.79 0.00	71.18 2.74 0.00	72.54 2.86 0.00	72.69 2.93 0.00	73.50 3.17 0.00	69.40 2.80 0.00	98.25 3.00 -40.60	98.75 3.34 -36.70	111.94 4.19 -37.98	146.87 4.88 -66.94	142.95 4.61 -67.37	145.71 4.31 -70.71	148.60 4.24 -73.75	145.23 4.38 -70.16	152.72 4.25 -77.72	173.27 4.44 -97.22	157.79 3.42 -83.06	151.66 3.59 -73.24	142.80 3.34 -68.38	136.35 3.75 -61.74	120.46 3.75 -46.00	99.98 3.90 -25.15	108.78 3.75 -34.32
ENORWICH_115KV_TB1 80156	75.01 4.97 0.00	74.07 4.39 0.00	72.34 3.90 0.00	73.17 3.48 0.00	73.32 3.56 0.00	74.90 4.57 0.00	70.87 4.26 0.00	62.83 3.61 -4.57	66.89 4.05 -4.13	80.70 4.67 -6.26	91.96 5.85 -11.04	91.24 5.68 -14.60	90.48 5.51 -14.28	88.33 5.08 -12.64	88.11 5.87 -11.55	89.92 6.37 -12.80	95.50 7.02 -16.88	101.16 7.42 -22.45	102.70 8.08 -19.79	97.02 7.46 -18.48	94.55 7.01 -16.68	89.69 6.58 -12.40	83.88 6.17 -6.78	85.55 5.59 -9.25
ERIE_ST__34_KV_TB1-2 80199	66.19 -3.85 0.00	65.15 -4.53 0.00	63.65 -4.79 0.00	64.60 -5.09 0.00	64.95 -4.81 0.00	66.46 -3.87 0.00	62.94 -3.66 0.00	51.10 -3.55 0.00	54.78 -3.93 0.00	66.77 -5.44 -2.44	72.92 -6.46 -4.32	65.44 -5.46 0.06	67.15 -4.81 -1.27	68.96 -6.78 -5.13	70.53 -4.67 -4.51	71.51 -4.25 -4.99	73.03 -5.37 -6.80	79.62 -3.99 -12.31	81.94 -3.74 -10.85	76.52 -4.69 -10.14	74.62 -5.39 -9.15	72.21 -5.30 -6.80	70.39 -4.26 -3.72	72.47 -3.32 -5.07
ERIE_WT_PWR 323693	65.35 -4.69 0.00	64.39 -5.30 0.00	62.89 -5.54 0.00	63.83 -5.85 0.00	64.18 -5.58 0.00	65.68 -4.64 0.00	62.14 -4.46 0.00	50.38 -4.26 0.00	54.07 -4.64 0.00	65.82 -6.35 -2.40	72.84 -6.46 -4.24	63.89 -6.03 1.04	65.48 -5.72 -0.52	69.09 -6.56 -5.04	69.53 -5.59 -4.43	70.50 -5.16 -4.91	73.20 -5.08 -6.68	79.78 -3.63 -12.11	82.07 -3.44 -10.68	76.71 -4.34 -9.97	74.97 -4.89 -9.00	72.46 -4.95 -6.69	70.76 -3.83 -3.66	72.81 -2.90 -4.99
ESPRGFLD_115KV_TB1 80157	73.12 3.08 0.00	72.47 2.79 0.00	71.04 2.60 0.00	72.33 2.65 0.00	72.62 2.86 0.00	73.56 3.24 0.00	69.54 2.93 0.00	107.83 2.40 -50.78	107.19 2.58 -45.90	115.99 2.86 -43.36	154.63 3.38 -76.20	126.23 3.12 -52.14	135.71 3.04 -61.99	152.47 3.04 -78.82	154.04 3.25 -80.10	163.38 3.89 -88.73	174.70 4.22 -98.87	75.79 4.49 0.00	79.62 4.79 0.00	75.41 4.34 0.00	74.82 3.97 0.00	74.40 3.68 0.00	74.55 3.62 0.00	73.97 3.25 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	71.37 1.33 0.00	70.59 0.91 0.00	69.26 0.82 0.00	70.45 0.77 0.00	70.53 0.77 0.00	71.66 1.34 0.00	67.80 1.20 0.00	57.79 0.98 -2.16	61.78 1.12 -1.95	74.41 1.12 -3.53	82.79 1.50 -6.23	83.04 1.49 -10.59	82.06 1.56 -9.82	79.29 1.34 -7.34	78.90 1.70 -6.51	79.88 1.91 -7.22	83.86 2.29 -9.97	90.48 2.71 -16.47	92.27 2.92 -14.52	87.13 2.49 -13.56	85.22 2.13 -12.24	81.72 1.91 -9.10	77.89 1.99 -4.97	79.41 1.91 -6.79
ETNA____115KV_TB2 80207	71.37 1.33 0.00	70.59 0.91 0.00	69.26 0.82 0.00	70.45 0.77 0.00	70.53 0.77 0.00	71.66 1.34 0.00	67.80 1.20 0.00	57.79 0.98 -2.16	61.78 1.12 -1.95	74.41 1.12 -3.53	82.79 1.50 -6.23	83.04 1.49 -10.59	82.06 1.56 -9.82	79.29 1.34 -7.34	78.90 1.70 -6.51	79.88 1.91 -7.22	83.86 2.29 -9.97	90.48 2.71 -16.47	92.27 2.92 -14.52	87.13 2.49 -13.56	85.22 2.13 -12.24	81.72 1.91 -9.10	77.89 1.99 -4.97	79.41 1.91 -6.79
EUCLID____115KV_TB2 356179	68.78 -1.26 0.00	68.15 -1.53 0.00	66.93 -1.51 0.00	68.08 -1.60 0.00	68.23 -1.53 0.00	69.13 -1.20 0.00	65.27 -1.33 0.00	53.50 -1.15 0.00	57.48 -1.23 0.00	68.31 -1.47 0.00	73.72 -1.35 -0.01	71.43 -1.21 -1.67	70.68 -1.27 -1.26	69.77 -1.20 -0.36	69.49 -1.20 0.00	69.55 -1.20 0.00	71.61 -0.86 -0.86	77.13 -0.57 -6.40	79.95 -0.52 -5.64	75.56 -0.78 -5.27	74.62 -0.99 -4.76	73.26 -0.99 -3.53	71.94 -0.92 -1.93	72.44 -0.92 -2.64
E_CANADA_CAP_HY 24051	73.89 3.85 0.00	73.31 3.62 0.00	71.86 3.42 0.00	73.31 3.62 0.00	73.66 3.90 0.00	74.41 4.08 0.00	70.33 3.73 0.00	123.61 3.06 -65.91	121.51 3.23 -59.57	128.22 3.42 -55.03	175.67 3.68 -96.94	166.76 3.27 -92.53	172.54 3.25 -98.60	179.75 3.39 -105.75	175.95 3.60 -101.66	187.96 4.60 -112.61	215.80 4.87 -139.33	177.52 5.14 -101.09	169.57 5.61 -89.13	159.27 4.97 -83.22	150.74 4.75 -75.13	130.97 4.39 -55.86	105.95 4.47 -30.54	116.50 4.10 -41.68
E_CANADA_MHWK_HY 24050	72.77 2.73 0.00	72.33 2.65 0.00	70.90 2.46 0.00	72.12 2.44 0.00	72.20 2.44 0.00	72.93 2.60 0.00	68.87 2.27 0.00	56.45 1.80 0.00	60.71 2.00 0.00	72.28 2.51 0.00	78.81 3.01 -0.74	73.92 2.91 -0.05	73.59 2.90 0.00	73.51 2.90 0.00	73.73 3.04 0.00	73.80 3.04 0.00	74.91 3.23 -0.08	74.51 3.21 0.00	78.20 3.37 0.00	74.13 3.05 0.00	73.69 2.84 0.00	73.34 2.62 0.00	73.63 2.69 0.00	73.26 2.54 0.00
E_FISHKILL____LBMP 23776	73.89 3.85 0.00	73.24 3.55 0.00	71.86 3.42 0.00	73.17 3.48 0.00	73.25 3.49 0.00	74.20 3.87 0.00	70.27 3.66 0.00	65.27 3.33 -7.29	69.05 3.76 -6.59	88.22 4.74 -13.71	104.95 5.63 -24.26	111.59 5.32 -35.31	109.68 5.16 -33.83	104.70 5.08 -29.00	101.38 5.37 -25.32	104.12 5.31 -28.05	116.79 5.51 -39.68	148.82 5.35 -72.17	144.00 5.54 -63.64	135.61 5.12 -59.42	129.39 4.89 -53.64	115.49 4.88 -39.89	97.71 4.97 -21.81	105.08 4.60 -29.76
FALCON____SEABRD_CC1 323796	69.69 -0.35 0.00	69.34 -0.35 0.00	67.89 -0.55 0.00	68.92 -0.76 0.00	68.85 -0.91 0.00	68.57 -1.76 0.00	64.67 -1.93 0.00	53.23 -1.42 0.00	57.00 -1.70 0.00	67.82 -1.95 0.00	59.08 -2.78 13.21	67.52 -2.55 0.89	68.36 -2.33 0.00	68.42 -2.19 0.00	68.42 -2.26 0.00	68.49 -2.27 0.00	67.32 -2.79 1.50	68.66 -2.64 0.00	71.98 -2.84 0.00	68.66 -2.42 0.00	68.87 -1.98 0.00	68.88 -1.84 0.00	68.95 -1.99 0.00	69.66 -1.06 0.00





FPL FAR_ROCK_GT2 23815	88.91 6.79 -12.08	84.39 6.48 -8.22	79.64 6.16 -5.04	78.54 6.27 -2.58	78.62 6.35 -2.51	80.35 6.75 -3.27	85.02 6.46 -11.96	83.02 5.68 -22.69	84.67 6.34 -19.62	100.91 7.81 -23.32	260.73 8.48 -177.19	229.89 8.02 -150.91	314.61 7.85 -236.08	305.02 7.84 -226.57	306.56 8.13 -227.75	309.30 8.13 -230.41	307.42 8.37 -227.44	287.13 8.20 -207.64	266.51 8.45 -183.23	253.17 7.82 -174.27	247.32 7.79 -168.67	177.03 7.71 -98.61	158.37 8.01 -79.42	107.39 7.42 -29.24
FRANKLIN_FALL_HYD 24054	69.69 -0.35 0.00	69.55 -0.14 0.00	68.09 -0.34 0.00	69.13 -0.56 0.00	68.99 -0.77 0.00	68.57 -1.76 0.00	65.21 -1.40 0.00	53.77 -0.87 0.00	57.53 -1.17 0.00	68.51 -1.26 0.00	60.68 -2.03 12.35	68.29 -1.85 0.83	68.99 -1.70 0.00	68.92 -1.69 0.00	68.92 -1.77 0.00	68.92 -1.84 0.00	67.84 -2.36 1.40	69.23 -2.07 0.00	72.58 -2.24 0.00	69.16 -1.92 0.00	69.51 -1.35 0.00	69.59 -1.13 0.00	69.66 -1.28 0.00	69.87 -0.85 0.00
FREEPORT_EQUUS_GT1 23764	88.68 6.23 -12.41	84.05 5.92 -8.44	79.22 5.61 -5.17	78.05 5.72 -2.65	78.06 5.72 -2.58	79.87 6.19 -3.35	84.81 5.93 -12.28	83.00 5.25 -23.11	84.55 5.87 -19.97	100.62 7.26 -23.59	163.45 8.18 -80.21	156.68 7.74 -77.98	185.07 7.57 -106.82	178.53 7.56 -100.35	177.04 7.85 -98.51	179.83 7.92 -101.15	187.10 8.16 -107.33	199.63 7.91 -120.41	189.29 8.23 -106.23	179.39 7.61 -100.71	173.36 7.23 -95.27	140.54 7.14 -62.68	122.75 7.45 -44.37	106.72 6.79 -29.21
FREEPORT___CT2 23818	88.68 6.23 -12.41	84.05 5.92 -8.44	79.22 5.61 -5.17	78.05 5.72 -2.65	78.06 5.72 -2.58	79.87 6.19 -3.35	84.81 5.93 -12.28	83.00 5.25 -23.11	84.55 5.87 -19.97	100.62 7.26 -23.59	163.45 8.18 -80.21	156.68 7.74 -77.98	185.07 7.57 -106.82	178.53 7.56 -100.35	177.04 7.85 -98.51	179.83 7.92 -101.15	187.10 8.16 -107.33	199.63 7.91 -120.41	189.29 8.23 -106.23	179.39 7.61 -100.71	173.36 7.23 -95.27	140.54 7.14 -62.68	122.75 7.45 -44.37	106.72 6.79 -29.21
FRESHKLS_33_KV_LOAD 356253	162.94 4.97 -87.93	74.28 4.60 0.00	72.68 4.24 0.00	73.94 4.25 0.00	73.95 4.19 0.00	74.69 4.36 0.00	162.15 4.13 -91.42	161.99 3.72 -103.62	163.38 4.05 -100.62	180.36 5.09 -105.50	169.08 6.15 -87.87	170.93 6.03 -93.94	169.08 5.66 -92.74	169.22 5.79 -92.82	169.30 6.08 -92.53	169.30 6.09 -92.45	169.36 6.44 -91.31	174.20 6.20 -96.70	174.15 6.44 -92.89	174.06 5.83 -97.15	174.06 5.53 -97.68	169.57 5.73 -93.12	164.08 6.03 -87.12	162.60 5.66 -86.23
FULTON COGEN____ 23766	68.43 -1.61 0.00	67.80 -1.88 0.00	66.52 -1.92 0.00	67.73 -1.95 0.00	67.81 -1.95 0.00	68.71 -1.62 0.00	64.87 -1.73 0.00	53.17 -1.48 0.00	57.18 -1.53 0.00	67.96 -1.81 0.00	73.35 -1.73 -0.01	70.84 -1.56 -1.44	70.15 -1.63 -1.09	69.37 -1.55 -0.31	69.13 -1.56 0.00	69.20 -1.56 0.00	71.06 -1.29 -0.75	75.76 -1.07 -5.53	78.65 -1.05 -4.87	74.42 -1.21 -4.55	73.55 -1.42 -4.11	72.29 -1.49 -3.05	71.18 -1.42 -1.67	71.58 -1.41 -2.28
FULTON___LFGE 323630	74.87 4.83 0.00	74.28 4.60 0.00	72.82 4.38 0.00	74.35 4.67 0.00	74.71 4.95 0.00	75.39 5.07 0.00	71.27 4.66 0.00	130.65 3.82 -72.18	127.95 3.99 -65.24	134.11 4.47 -59.87	185.30 4.81 -105.43	172.48 4.40 -97.11	179.66 4.38 -104.58	189.42 4.52 -114.28	186.02 4.74 -110.60	198.79 5.52 -122.51	227.29 5.87 -149.81	173.76 6.13 -96.33	166.42 6.66 -84.94	156.36 5.97 -79.31	148.19 5.74 -71.60	129.33 5.37 -53.24	105.51 5.46 -29.11	115.53 5.09 -39.72
G.F.CEMENT___DRP 24184	73.89 3.85 0.00	73.31 3.62 0.00	71.86 3.42 0.00	73.38 3.69 0.00	73.81 4.05 0.00	74.41 4.08 0.00	70.27 3.66 0.00	132.08 3.22 -74.21	129.36 3.58 -67.07	136.01 4.40 -61.85	188.82 4.88 -108.89	173.26 4.68 -97.61	182.61 5.94 -105.98	194.01 5.93 -117.46	191.08 6.15 -114.24	203.53 6.23 -126.55	231.27 6.37 -153.30	166.75 6.35 -89.11	160.28 6.88 -78.57	150.62 6.18 -73.36	143.04 5.95 -66.23	125.70 5.73 -49.26	103.61 5.75 -26.93	112.98 5.52 -36.75
GARDENVILLE___LBMP 24039	65.20 -4.83 0.00	64.25 -5.44 0.00	62.76 -5.68 0.00	63.69 -5.99 0.00	63.97 -5.79 0.00	65.55 -4.78 0.00	62.01 -4.60 0.00	50.28 -4.37 0.00	53.89 -4.81 0.00	65.66 -6.49 -2.38	72.44 -6.83 -4.21	62.61 -6.10 2.25	64.36 -5.94 0.39	68.99 -6.64 -5.01	69.29 -5.80 -4.40	70.33 -5.31 -4.88	73.09 -5.16 -6.64	79.64 -3.71 -12.04	81.93 -3.52 -10.62	76.51 -4.48 -9.91	74.71 -5.10 -8.95	72.35 -5.02 -6.65	70.67 -3.90 -3.64	72.71 -2.97 -4.96
GARDNVLA_35_KV_LD 355827	65.41 -4.62 0.00	64.46 -5.23 0.00	62.96 -5.47 0.00	63.90 -5.78 0.00	64.25 -5.51 0.00	65.76 -4.57 0.00	62.21 -4.40 0.00	50.49 -4.15 0.00	54.13 -4.58 0.00	65.96 -6.21 -2.40	72.71 -6.61 -4.25	64.41 -5.96 0.59	65.75 -5.80 -0.86	69.24 -6.43 -5.06	69.61 -5.51 -4.44	70.58 -5.09 -4.92	73.29 -5.01 -6.70	79.88 -3.57 -12.14	82.24 -3.29 -10.71	76.81 -4.26 -10.00	74.92 -4.96 -9.02	72.54 -4.88 -6.71	70.84 -3.76 -3.67	72.89 -2.83 -5.00
GELCKHM___115KV_LOAD 80723	69.20 -0.84 0.00	68.50 -1.18 0.00	67.27 -1.16 0.00	68.43 -1.25 0.00	68.57 -1.19 0.00	69.48 -0.84 0.00	65.61 -1.00 0.00	53.83 -0.82 0.00	57.83 -0.88 0.00	68.65 -1.12 0.00	74.17 -0.90 -0.02	72.00 -0.78 -1.82	71.29 -0.78 -1.38	70.23 -0.78 -0.39	69.91 -0.78 0.00	70.05 -0.71 0.00	72.12 -0.43 -0.94	78.14 -0.14 -6.98	80.91 -0.07 -6.16	76.54 -0.28 -5.75	75.48 -0.57 -5.19	74.01 -0.57 -3.86	72.55 -0.50 -2.11	73.10 -0.50 -2.88
GENERAL___MILLS 23808	65.34 -4.69 0.00	64.39 -5.30 0.00	62.89 -5.54 0.00	63.83 -5.85 0.00	64.18 -5.58 0.00	65.69 -4.64 0.00	62.14 -4.46 0.00	50.44 -4.21 0.00	54.07 -4.64 0.00	65.89 -6.28 -2.40	72.62 -6.68 -4.24	63.89 -6.03 1.04	65.41 -5.80 -0.52	69.09 -6.57 -5.04	69.53 -5.58 -4.43	70.50 -5.17 -4.91	73.20 -5.08 -6.68	79.71 -3.71 -12.11	82.07 -3.44 -10.68	76.65 -4.41 -9.97	74.76 -5.10 -9.00	72.39 -5.02 -6.69	70.76 -3.83 -3.66	72.81 -2.90 -4.99
GE_PLASTICS___DRP 24183	72.70 2.66 0.00	72.19 2.51 0.00	70.90 2.46 0.00	72.33 2.65 0.00	72.48 2.72 0.00	73.21 2.88 0.00	69.00 2.40 0.00	88.56 2.02 -31.89	89.82 2.29 -28.82	104.84 2.79 -32.27	135.35 3.38 -56.91	135.32 3.19 -61.17	136.84 3.11 -63.04	137.16 3.04 -63.52	133.27 2.97 -59.62	139.70 2.90 -66.04	158.80 2.94 -84.26	159.81 2.78 -85.73	153.41 2.99 -75.59	144.43 2.77 -70.58	137.41 2.83 -63.72	120.93 2.83 -47.39	99.75 2.91 -25.91	108.97 2.90 -35.35
GILBOA___1 23756	72.35 2.31 0.00	71.77 2.09 0.00	70.69 2.26 0.00	72.26 2.58 0.00	72.41 2.65 0.00	73.28 2.95 0.00	68.80 2.19 0.00	60.25 1.80 -3.80	64.20 2.05 -3.44	83.20 2.58 -10.85	97.36 3.08 -19.22	104.69 2.91 -30.82	102.74 3.11 -28.95	97.22 3.03 -23.57	93.69 2.97 -20.04	95.92 2.97 -22.20	107.27 3.08 -32.59	142.49 2.99 -68.19	138.17 3.22 -60.13	130.27 3.05 -56.14	124.45 2.91 -50.68	111.29 2.90 -37.67	94.51 2.98 -20.60	101.66 2.83 -28.11
GILBOA___2 23757	72.35 2.31 0.00	71.77 2.09 0.00	70.69 2.26 0.00	72.26 2.58 0.00	72.41 2.65 0.00	73.28 2.95 0.00	68.80 2.19 0.00	60.25 1.80 -3.80	64.20 2.05 -3.44	83.20 2.58 -10.85	97.36 3.08 -19.22	104.69 2.91 -30.82	102.74 3.11 -28.95	97.22 3.03 -23.57	93.69 2.97 -20.04	95.92 2.97 -22.20	107.27 3.08 -32.59	142.49 2.99 -68.19	138.17 3.22 -60.13	130.27 3.05 -56.14	124.45 2.91 -50.68	111.29 2.90 -37.67	94.51 2.98 -20.60	101.66 2.83 -28.11

GILBOA___3 23758	72.35 2.31 0.00	71.77 2.09 0.00	70.69 2.26 0.00	72.26 2.58 0.00	72.41 2.65 0.00	73.28 2.95 0.00	68.80 2.19 0.00	60.25 1.80 -3.80	64.20 2.05 -3.44	83.20 2.58 -10.85	97.36 3.08 -19.22	104.69 2.91 -30.82	102.74 3.11 -28.95	97.22 3.03 -23.57	93.69 2.97 -20.04	95.92 2.97 -22.20	107.27 3.08 -32.59	142.49 2.99 -68.19	138.17 3.22 -60.13	130.27 3.05 -56.14	124.45 2.91 -50.68	111.29 2.90 -37.67	94.51 2.98 -20.60	101.66 2.83 -28.11
GILBOA___4 23759	72.35 2.31 0.00	71.77 2.09 0.00	70.69 2.26 0.00	72.26 2.58 0.00	72.41 2.65 0.00	73.28 2.95 0.00	68.80 2.19 0.00	60.25 1.80 -3.80	64.20 2.05 -3.44	83.20 2.58 -10.85	97.36 3.08 -19.22	104.69 2.91 -30.82	102.74 3.11 -28.95	97.22 3.03 -23.57	93.69 2.97 -20.04	95.92 2.97 -22.20	107.27 3.08 -32.59	142.49 2.99 -68.19	138.17 3.22 -60.13	130.27 3.05 -56.14	124.45 2.91 -50.68	111.29 2.90 -37.67	94.51 2.98 -20.60	101.66 2.83 -28.11
GILBOA___ 23599	72.35 2.31 0.00	71.77 2.09 0.00	70.69 2.26 0.00	72.26 2.58 0.00	72.41 2.65 0.00	73.28 2.95 0.00	68.80 2.20 0.00	60.25 1.80 -3.80	64.20 2.05 -3.44	83.20 2.58 -10.85	97.35 3.08 -19.22	104.76 2.98 -30.82	102.75 3.11 -28.95	97.22 3.04 -23.57	93.69 2.97 -20.04	95.92 2.97 -22.20	107.28 3.08 -32.59	142.49 2.99 -68.19	138.17 3.22 -60.13	130.28 3.06 -56.14	124.45 2.91 -50.68	111.29 2.90 -37.67	94.51 2.98 -20.60	101.66 2.83 -28.11
GINNA___ 23603	64.71 -5.33 0.00	63.97 -5.71 0.00	62.55 -5.89 0.00	63.48 -6.20 0.00	63.69 -6.07 0.00	64.77 -5.56 0.00	61.34 -5.26 0.00	50.27 -4.37 0.00	53.96 -4.75 0.00	65.50 -5.93 -1.66	72.07 -5.93 -2.94	69.78 -5.46 -4.27	69.20 -5.59 -4.10	69.04 -5.08 -3.52	67.97 -5.79 -3.07	68.50 -5.66 -3.40	71.77 -4.51 -4.68	76.39 -3.63 -8.73	78.86 -3.66 -7.69	74.14 -4.12 -7.18	72.88 -4.46 -6.49	70.87 -4.67 -4.82	69.38 -4.19 -2.64	70.36 -3.96 -3.60
GLEN PARK___ 23778	72.00 1.96 0.00	71.43 1.74 0.00	69.67 1.23 0.00	70.59 0.90 0.00	70.67 0.90 0.00	71.60 1.27 0.00	67.67 1.06 0.00	55.68 1.04 0.00	59.77 1.06 0.00	70.88 1.11 0.00	74.36 1.73 2.43	73.32 1.56 -0.80	72.83 1.41 -0.73	72.23 1.41 -0.21	72.31 1.63 0.00	72.53 1.77 0.00	74.26 2.44 -0.22	77.56 2.56 -3.70	80.86 2.77 -3.26	76.68 2.56 -3.04	75.94 2.33 -2.75	74.96 2.19 -2.04	73.97 1.92 -1.12	73.66 1.41 -1.52
GLENDALE_27_KV_LOAD 356172	74.66 4.62 0.00	73.94 4.25 0.00	72.34 3.90 0.00	73.66 3.97 0.00	73.67 3.91 0.00	74.62 4.29 0.00	70.87 4.26 0.00	65.80 3.99 -7.16	69.71 4.52 -6.48	88.87 5.65 -13.45	105.69 6.83 -23.80	112.20 6.60 -34.63	110.17 6.29 -33.19	105.42 6.36 -28.46	102.18 6.64 -24.85	104.86 6.58 -27.53	117.33 6.80 -38.92	148.51 6.49 -70.72	143.92 6.73 -62.36	135.49 6.18 -58.22	129.30 5.88 -52.57	115.71 5.87 -39.12	98.42 6.10 -21.39	105.42 5.52 -29.19
GLENWOOD_IC_1_G5 23712	83.88 5.39 -8.45	80.52 5.09 -5.75	76.81 4.86 -3.52	76.36 4.88 -1.80	76.47 4.95 -1.75	77.95 5.34 -2.28	80.10 5.13 -8.36	77.26 4.59 -18.02	79.54 5.17 -15.67	96.40 6.28 -20.36	144.57 7.58 -61.93	142.06 7.17 -63.92	160.67 7.00 -82.98	154.61 6.92 -77.08	152.56 7.21 -74.66	155.29 7.22 -77.32	164.24 7.45 -85.19	182.83 7.20 -104.33	174.34 7.48 -92.03	164.92 6.89 -86.95	158.88 6.59 -81.44	132.24 6.51 -55.01	114.49 6.67 -36.89	106.00 6.08 -29.20
GLENWOOD_IC_2_G1 23688	78.09 4.90 -3.16	76.43 4.60 -2.14	74.13 4.38 -1.31	74.82 4.46 -0.67	74.88 4.47 -0.65	76.02 4.85 -0.85	74.39 4.66 -3.12	70.08 4.21 -11.22	73.37 4.75 -9.91	91.80 6.00 -16.03	125.04 7.05 -42.92	126.88 6.67 -49.25	135.41 6.43 -58.29	130.00 6.42 -52.96	127.36 6.72 -49.95	130.03 6.65 -52.62	140.72 6.87 -62.24	165.67 6.70 -87.67	159.10 6.96 -77.32	150.13 6.40 -72.66	144.00 6.09 -67.05	123.67 6.08 -46.87	106.05 6.17 -28.95	105.57 5.66 -29.19
GLENWOOD_IC_3_G1 23689	78.09 4.90 -3.16	76.43 4.60 -2.14	74.13 4.38 -1.31	74.82 4.46 -0.67	74.88 4.47 -0.65	76.02 4.85 -0.85	74.39 4.66 -3.12	70.08 4.21 -11.22	73.37 4.75 -9.91	91.80 6.00 -16.03	125.04 7.05 -42.92	126.88 6.67 -49.25	135.41 6.43 -58.29	130.00 6.42 -52.96	127.36 6.72 -49.95	130.03 6.65 -52.62	140.72 6.87 -62.24	165.67 6.70 -87.67	159.10 6.96 -77.32	150.13 6.40 -72.66	144.00 6.09 -67.05	123.67 6.08 -46.87	106.05 6.17 -28.95	105.57 5.66 -29.19
GLENWOOD___4 23550	83.88 5.39 -8.45	80.52 5.09 -5.75	76.81 4.86 -3.52	76.36 4.88 -1.80	76.47 4.95 -1.75	77.95 5.34 -2.28	80.10 5.13 -8.36	77.26 4.59 -18.02	79.54 5.17 -15.67	96.47 6.35 -20.36	144.57 7.58 -61.93	142.06 7.17 -63.92	160.67 7.00 -82.98	154.61 6.92 -77.08	152.56 7.21 -74.66	155.29 7.22 -77.32	164.24 7.45 -85.19	182.83 7.20 -104.33	174.34 7.48 -92.03	164.92 6.89 -86.95	158.88 6.59 -81.44	132.24 6.51 -55.01	114.49 6.67 -36.89	106.00 6.08 -29.20
GLENWOOD___5 23614	83.88 5.39 -8.45	80.52 5.09 -5.75	76.81 4.86 -3.52	76.36 4.88 -1.80	76.47 4.95 -1.75	77.95 5.34 -2.28	80.10 5.13 -8.36	77.26 4.59 -18.02	79.54 5.17 -15.67	96.47 6.35 -20.36	144.57 7.58 -61.93	142.06 7.17 -63.92	160.67 7.00 -82.98	154.61 6.92 -77.08	152.56 7.21 -74.66	155.29 7.22 -77.32	164.24 7.45 -85.19	182.83 7.20 -104.33	174.34 7.48 -92.03	164.92 6.89 -86.95	158.88 6.59 -81.44	132.24 6.51 -55.01	114.49 6.67 -36.89	106.00 6.08 -29.20
GLOBAL GREEN_PORT_GT1 23814	94.61 8.97 -15.61	88.38 8.08 -10.62	82.18 7.25 -6.50	80.19 7.18 -3.33	80.19 7.19 -3.24	82.21 7.67 -4.21	89.51 7.46 -15.44	88.47 6.61 -27.21	89.50 7.34 -23.45	104.69 8.72 -26.20	117.25 9.31 -32.88	120.84 8.30 -41.58	123.86 8.06 -45.11	118.83 8.12 -40.10	116.15 8.69 -36.77	119.05 8.84 -39.45	130.84 9.24 -50.00	158.99 8.91 -78.78	153.87 9.58 -69.47	144.76 8.60 -65.08	138.03 7.72 -59.45	121.01 7.49 -42.80	103.86 7.94 -24.98	107.55 7.64 -29.19
GLOBE___DSASP 323697	63.80 -6.23 0.00	62.93 -6.76 0.00	61.46 -6.98 0.00	62.37 -7.32 0.00	62.71 -7.05 0.00	64.21 -6.12 0.00	60.34 -6.26 0.00	48.75 -5.90 0.00	52.25 -6.46 0.00	63.31 -8.65 -2.20	70.39 -8.56 -3.88	63.81 -7.31 -0.15	64.50 -7.49 -1.31	67.26 -7.98 -4.62	66.47 -8.27 -4.06	67.32 -7.92 -4.49	70.86 -6.87 -6.13	76.99 -5.49 -11.18	79.30 -5.39 -9.86	74.03 -6.25 -9.21	72.23 -6.94 -8.31	70.11 -6.79 -6.18	68.78 -5.53 -3.38	70.80 -4.53 -4.61
GOETHSLN___LBMP 323567	73.89 3.85 0.00	73.24 3.55 0.00	71.79 3.35 0.00	73.03 3.34 0.00	73.11 3.35 0.00	74.13 3.80 0.00	70.33 3.73 0.00	65.36 3.55 -7.16	69.29 4.11 -6.48	88.38 5.16 -13.45	105.09 6.23 -23.80	111.56 5.96 -34.63	109.60 5.73 -33.19	104.79 5.72 -28.45	101.54 6.01 -24.85	104.22 5.94 -27.52	116.68 6.16 -38.92	147.86 5.85 -70.72	143.24 6.06 -62.35	134.84 5.54 -58.22	128.66 5.24 -52.56	115.07 5.23 -39.12	97.71 5.39 -21.39	104.71 4.81 -29.18
GOLAH___69_KV_TB 1_2 80279	66.89 -3.15 0.00	66.06 -3.62 0.00	64.67 -3.76 0.00	65.57 -4.11 0.00	65.85 -3.91 0.00	67.23 -3.09 0.00	63.61 -3.00 0.00	51.86 -2.79 0.00	55.66 -3.05 0.00	67.47 -4.05 -1.75	74.55 -3.60 -3.10	71.98 -3.48 -4.50	71.25 -3.75 -4.31	70.99 -3.32 -3.70	69.96 -3.96 -3.23	70.66 -3.68 -3.58	74.08 -2.43 -4.92	79.08 -1.35 -9.13	81.76 -1.12 -8.05	76.61 -1.99 -7.52	75.09 -2.55 -6.79	73.14 -2.62 -5.04	71.70 -1.99 -2.76	73.07 -1.41 -3.76

GOODYEAR_LAKE_HYD 323669	72.98 2.94 0.00	72.33 2.65 0.00	70.97 2.53 0.00	72.26 2.58 0.00	72.41 2.65 0.00	73.42 3.09 0.00	69.34 2.73 0.00	79.03 2.24 -22.14	81.25 2.52 -20.02	94.03 3.00 -21.26	116.15 3.68 -37.42	105.85 3.55 -31.33	108.91 3.46 -34.76	113.83 3.32 -39.90	113.50 3.53 -39.28	118.09 3.82 -43.51	126.74 4.08 -51.05	97.56 4.14 -22.12	98.75 4.41 -19.50	93.34 4.05 -18.21	91.05 3.76 -16.44	86.48 3.54 -12.22	81.09 3.48 -6.68	83.02 3.18 -9.12
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	70.25 0.21 0.00	69.48 -0.21 0.00	68.16 -0.27 0.00	69.41 -0.28 0.00	69.55 -0.21 0.00	70.61 0.28 0.00	66.74 0.13 0.00	57.65 0.00 -3.01	61.43 0.00 -2.72	74.56 -0.21 -5.00	83.82 -0.08 -8.84	83.16 0.14 -12.05	82.68 0.28 -11.71	80.87 -0.14 -10.40	80.27 0.35 -9.23	81.55 0.57 -10.23	86.27 0.57 -14.10	95.49 1.00 -23.19	96.40 1.12 -20.44	90.88 0.71 -19.09	88.45 0.35 -17.23	83.88 0.35 -12.81	78.50 0.57 -7.00	80.98 0.71 -9.55
GOUDEY___7 23579	70.25 0.21 0.00	69.48 -0.21 0.00	68.16 -0.27 0.00	69.41 -0.28 0.00	69.55 -0.21 0.00	70.61 0.28 0.00	66.74 0.13 0.00	57.65 0.00 -3.01	61.43 0.00 -2.72	74.56 -0.21 -5.00	83.82 -0.08 -8.84	83.16 0.14 -12.05	82.68 0.28 -11.71	80.87 -0.14 -10.40	80.27 0.35 -9.23	81.55 0.57 -10.23	86.27 0.57 -14.10	95.49 1.00 -23.19	96.40 1.12 -20.44	90.88 0.71 -19.09	88.45 0.35 -17.23	83.88 0.35 -12.81	78.50 0.57 -7.00	80.98 0.71 -9.55
GOUDEY___8 23580	70.25 0.21 0.00	69.48 -0.21 0.00	68.16 -0.27 0.00	69.41 -0.28 0.00	69.55 -0.21 0.00	70.61 0.28 0.00	66.74 0.13 0.00	57.65 0.00 -3.01	61.43 0.00 -2.72	74.56 -0.21 -5.00	83.82 -0.08 -8.84	83.16 0.14 -12.05	82.68 0.28 -11.71	80.87 -0.14 -10.40	80.27 0.35 -9.23	81.55 0.57 -10.23	86.27 0.57 -14.10	95.49 1.00 -23.19	96.40 1.12 -20.44	90.88 0.71 -19.09	88.45 0.35 -17.23	83.88 0.35 -12.81	78.50 0.57 -7.00	80.98 0.71 -9.55
GOWANUS_GT1_1 24077	162.80 4.83 -87.93	74.14 4.46 0.00	72.54 4.11 0.00	73.80 4.11 0.00	73.88 4.12 0.00	74.69 4.36 0.00	162.29 4.26 -91.42	162.21 3.93 -103.62	163.74 4.40 -100.62	180.85 5.58 -105.50	169.61 6.68 -87.87	171.43 6.53 -93.94	169.57 6.15 -92.74	169.64 6.21 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.80 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.35 5.81 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.60 5.66 -86.23
GOWANUS_GT1_2 24078	162.80 4.83 -87.93	74.14 4.46 0.00	72.54 4.11 0.00	73.80 4.11 0.00	73.88 4.12 0.00	74.69 4.36 0.00	162.29 4.26 -91.42	162.21 3.93 -103.62	163.74 4.40 -100.62	180.85 5.58 -105.50	169.61 6.68 -87.87	171.43 6.53 -93.94	169.57 6.15 -92.74	169.64 6.21 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.80 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.35 5.81 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.60 5.66 -86.23
GOWANUS_GT1_3 24079	162.80 4.83 -87.93	74.14 4.46 0.00	72.54 4.11 0.00	73.80 4.11 0.00	73.88 4.12 0.00	74.69 4.36 0.00	162.29 4.26 -91.42	162.21 3.93 -103.62	163.74 4.40 -100.62	180.85 5.58 -105.50	169.61 6.68 -87.87	171.43 6.53 -93.94	169.57 6.15 -92.74	169.64 6.21 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.80 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.35 5.81 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.60 5.66 -86.23
GOWANUS_GT1_4 24080	162.80 4.83 -87.93	74.14 4.46 0.00	72.54 4.11 0.00	73.80 4.11 0.00	73.88 4.12 0.00	74.69 4.36 0.00	162.29 4.26 -91.42	162.21 3.93 -103.62	163.74 4.40 -100.62	180.85 5.58 -105.50	169.61 6.68 -87.87	171.43 6.53 -93.94	169.57 6.15 -92.74	169.64 6.21 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.80 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.35 5.81 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.60 5.66 -86.23
GOWANUS_GT1_5 24084	162.80 4.83 -87.93	74.14 4.46 0.00	72.54 4.11 0.00	73.80 4.11 0.00	73.88 4.12 0.00	74.69 4.36 0.00	162.29 4.26 -91.42	162.21 3.93 -103.62	163.74 4.40 -100.62	180.85 5.58 -105.50	169.61 6.68 -87.87	171.43 6.53 -93.94	169.57 6.15 -92.74	169.64 6.21 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.80 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.35 5.81 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.60 5.66 -86.23
GOWANUS_GT1_6 24111	162.80 4.83 -87.93	74.14 4.46 0.00	72.54 4.11 0.00	73.80 4.11 0.00	73.88 4.12 0.00	74.69 4.36 0.00	162.29 4.26 -91.42	162.21 3.93 -103.62	163.74 4.40 -100.62	180.85 5.58 -105.50	169.61 6.68 -87.87	171.43 6.53 -93.94	169.57 6.15 -92.74	169.64 6.21 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.80 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.35 5.81 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.60 5.66 -86.23
GOWANUS_GT1_7 24112	162.80 4.83 -87.93	74.14 4.46 0.00	72.54 4.11 0.00	73.80 4.11 0.00	73.88 4.12 0.00	74.69 4.36 0.00	162.29 4.26 -91.42	162.21 3.93 -103.62	163.74 4.40 -100.62	180.85 5.58 -105.50	169.61 6.68 -87.87	171.43 6.53 -93.94	169.57 6.15 -92.74	169.64 6.21 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.80 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.35 5.81 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.60 5.66 -86.23
GOWANUS_GT1_8 24113	162.80 4.83 -87.93	74.14 4.46 0.00	72.54 4.11 0.00	73.80 4.11 0.00	73.88 4.12 0.00	74.69 4.36 0.00	162.29 4.26 -91.42	162.21 3.93 -103.62	163.74 4.40 -100.62	180.85 5.58 -105.50	169.61 6.68 -87.87	171.43 6.53 -93.94	169.57 6.15 -92.74	169.64 6.21 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.80 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.35 5.81 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.60 5.66 -86.23
GOWANUS_GT2_1 24114	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
GOWANUS_GT2_2 24115	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
GOWANUS_GT2_3 24116	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23

GOWANUS_GT2_4 24117	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
GOWANUS_GT2_5 24118	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
GOWANUS_GT2_6 24119	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
GOWANUS_GT2_7 24120	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
GOWANUS_GT2_8 24121	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
GOWANUS_GT3_1 24122	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
GOWANUS_GT3_2 24123	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
GOWANUS_GT3_3 24124	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
GOWANUS_GT3_4 24125	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
GOWANUS_GT3_5 24126	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
GOWANUS_GT3_6 24127	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
GOWANUS_GT3_7 24128	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
GOWANUS_GT3_8 24129	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
GOWANUS_GT4_1 24130	162.80 4.83 -87.93	74.14 4.46 0.00	72.54 4.11 0.00	73.80 4.11 0.00	73.88 4.12 0.00	74.69 4.36 0.00	162.29 4.26 -91.42	162.21 3.93 -103.62	163.74 4.40 -100.62	180.85 5.58 -105.50	169.61 6.68 -87.87	171.43 6.53 -93.94	169.57 6.15 -92.74	169.64 6.21 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.80 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.35 5.81 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.60 5.66 -86.23
GOWANUS_GT4_2 24131	162.80 4.83 -87.93	74.14 4.46 0.00	72.54 4.11 0.00	73.80 4.11 0.00	73.88 4.12 0.00	74.69 4.36 0.00	162.29 4.26 -91.42	162.21 3.93 -103.62	163.74 4.40 -100.62	180.85 5.58 -105.50	169.61 6.68 -87.87	171.43 6.53 -93.94	169.57 6.15 -92.74	169.64 6.21 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.80 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.35 5.81 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.60 5.66 -86.23

GOWANUS_GT4_3 24132	162.80 4.83 -87.93	74.14 4.46 0.00	72.54 4.11 0.00	73.80 4.11 0.00	73.88 4.12 0.00	74.69 4.36 0.00	162.29 4.26 -91.42	162.21 3.93 -103.62	163.74 4.40 -100.62	180.85 5.58 -105.50	169.61 6.68 -87.87	171.43 6.53 -93.94	169.57 6.15 -92.74	169.64 6.21 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.80 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.35 5.81 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.60 5.66 -86.23
GOWANUS_GT4_4 24133	162.80 4.83 -87.93	74.14 4.46 0.00	72.54 4.11 0.00	73.80 4.11 0.00	73.88 4.12 0.00	74.69 4.36 0.00	162.29 4.26 -91.42	162.21 3.93 -103.62	163.74 4.40 -100.62	180.85 5.58 -105.50	169.61 6.68 -87.87	171.43 6.53 -93.94	169.57 6.15 -92.74	169.64 6.21 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.80 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.35 5.81 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.60 5.66 -86.23
GOWANUS_GT4_5 24134	162.80 4.83 -87.93	74.14 4.46 0.00	72.54 4.11 0.00	73.80 4.11 0.00	73.88 4.12 0.00	74.69 4.36 0.00	162.29 4.26 -91.42	162.21 3.93 -103.62	163.74 4.40 -100.62	180.85 5.58 -105.50	169.61 6.68 -87.87	171.43 6.53 -93.94	169.57 6.15 -92.74	169.64 6.21 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.80 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.35 5.81 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.60 5.66 -86.23
GOWANUS_GT4_6 24135	162.80 4.83 -87.93	74.14 4.46 0.00	72.54 4.11 0.00	73.80 4.11 0.00	73.88 4.12 0.00	74.69 4.36 0.00	162.29 4.26 -91.42	162.21 3.93 -103.62	163.74 4.40 -100.62	180.85 5.58 -105.50	169.61 6.68 -87.87	171.43 6.53 -93.94	169.57 6.15 -92.74	169.64 6.21 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.80 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.35 5.81 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.60 5.66 -86.23
GOWANUS_GT4_7 24136	162.80 4.83 -87.93	74.14 4.46 0.00	72.54 4.11 0.00	73.80 4.11 0.00	73.88 4.12 0.00	74.69 4.36 0.00	162.29 4.26 -91.42	162.21 3.93 -103.62	163.74 4.40 -100.62	180.85 5.58 -105.50	169.61 6.68 -87.87	171.43 6.53 -93.94	169.57 6.15 -92.74	169.64 6.21 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.80 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.35 5.81 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.60 5.66 -86.23
GOWANUS_GT4_8 24137	162.80 4.83 -87.93	74.14 4.46 0.00	72.54 4.11 0.00	73.80 4.11 0.00	73.88 4.12 0.00	74.69 4.36 0.00	162.29 4.26 -91.42	162.21 3.93 -103.62	163.74 4.40 -100.62	180.85 5.58 -105.50	169.61 6.68 -87.87	171.43 6.53 -93.94	169.57 6.15 -92.74	169.64 6.21 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.80 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.35 5.81 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.60 5.66 -86.23
GREENBSH_115KV_TB3 55895	72.91 2.87 0.00	72.33 2.65 0.00	71.04 2.60 0.00	72.47 2.79 0.00	72.62 2.86 0.00	73.35 3.02 0.00	69.14 2.53 0.00	99.66 2.30 -42.71	99.90 2.58 -38.61	112.77 3.21 -39.79	149.01 3.83 -70.12	144.97 3.69 -70.31	148.02 3.46 -73.87	151.20 3.39 -77.20	147.44 3.25 -73.50	155.29 3.11 -81.42	176.44 3.08 -101.76	160.07 2.64 -86.13	153.69 2.92 -75.94	144.69 2.70 -70.91	137.71 2.83 -64.02	121.24 2.90 -47.62	99.95 2.98 -26.04	109.36 3.11 -35.53
GREENIDGE_115KV_TB5 80291	68.92 -1.12 0.00	68.01 -1.67 0.00	66.66 -1.78 0.00	67.80 -1.88 0.00	67.95 -1.81 0.00	69.27 -1.05 0.00	65.61 -1.00 0.00	55.89 -0.49 -1.73	59.69 -0.59 -1.57	71.10 -1.60 -2.93	79.27 -0.98 -5.19	87.55 -0.71 -17.30	84.57 -0.64 -14.52	75.91 -0.85 -6.15	75.75 -0.35 -5.42	76.69 -0.07 -6.00	80.49 0.50 -8.38	87.11 1.35 -14.46	89.22 1.65 -12.75	83.97 1.00 -11.90	82.03 0.43 -10.74	78.91 0.21 -7.98	75.72 0.43 -4.37	77.38 0.71 -5.96
GREENIDGE___3 23582	68.92 -1.12 0.00	68.01 -1.67 0.00	66.66 -1.78 0.00	67.80 -1.88 0.00	67.95 -1.81 0.00	69.27 -1.05 0.00	65.61 -1.00 0.00	55.89 -0.49 -1.73	59.69 -0.59 -1.57	71.10 -1.60 -2.93	79.27 -0.98 -5.19	87.55 -0.71 -17.30	84.57 -0.64 -14.52	75.91 -0.85 -6.15	75.75 -0.35 -5.42	76.69 -0.07 -6.00	80.49 0.50 -8.38	87.11 1.35 -14.46	89.22 1.65 -12.75	83.97 1.00 -11.90	82.03 0.43 -10.74	78.91 0.21 -7.98	75.72 0.43 -4.37	77.38 0.71 -5.96
GREENIDGE___4 23583	68.91 -1.12 0.00	68.01 -1.67 0.00	66.66 -1.78 0.00	67.81 -1.88 0.00	67.95 -1.81 0.00	69.28 -1.05 0.00	65.61 -1.00 0.00	55.89 -0.49 -1.73	59.69 -0.59 -1.57	71.10 -1.60 -2.93	79.35 -0.90 -5.19	87.55 -0.71 -17.30	84.57 -0.64 -14.52	75.92 -0.84 -6.15	75.76 -0.35 -5.42	76.76 0.00 -6.00	80.49 0.50 -8.38	87.18 1.43 -14.46	89.22 1.64 -12.75	83.97 0.99 -11.90	82.10 0.50 -10.74	78.91 0.21 -7.98	75.73 0.43 -4.37	77.38 0.71 -5.96
GREENLWN_69_KV_BK 3 55738	91.44 6.02 -15.38	85.87 5.71 -10.47	80.32 5.47 -6.41	78.54 5.57 -3.28	78.53 5.58 -3.19	80.46 5.98 -4.15	87.55 5.73 -15.22	86.71 5.14 -26.93	87.61 5.69 -23.21	102.97 7.19 -26.02	117.38 7.96 -34.36	121.21 7.52 -42.72	124.93 7.21 -47.03	119.79 7.20 -41.97	116.95 7.56 -38.69	119.69 7.57 -41.37	131.19 7.80 -51.78	158.50 7.13 -80.07	153.22 7.78 -70.61	144.59 7.32 -66.19	138.30 6.87 -60.57	121.02 6.86 -43.44	103.70 7.16 -25.60	106.41 6.51 -29.19
GREENWD_138_KV_38B11_REV_LBMP_J 345004	162.80 4.83 -87.93	74.14 4.46 0.00	72.54 4.11 0.00	73.80 4.11 0.00	73.88 4.12 0.00	74.69 4.36 0.00	162.29 4.26 -91.42	162.21 3.93 -103.62	163.74 4.40 -100.62	180.85 5.58 -105.50	169.61 6.68 -87.87	171.43 6.53 -93.94	169.57 6.15 -92.74	169.64 6.21 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.80 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.35 5.81 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.60 5.66 -86.23
GRISSOM___SOLAR 323813	74.73 4.69 0.00	74.15 4.46 0.00	72.68 4.24 0.00	74.21 4.53 0.00	74.57 4.81 0.00	75.25 4.92 0.00	71.14 4.53 0.00	131.70 3.72 -73.33	128.93 3.93 -66.28	134.93 4.40 -60.76	186.86 4.81 -107.00	173.32 4.40 -97.96	180.83 4.46 -105.68	190.99 4.52 -115.85	187.67 4.74 -112.24	200.47 5.37 -124.33	229.00 5.66 -151.74	172.67 5.91 -95.46	165.43 6.44 -84.17	155.42 5.75 -78.59	147.40 5.60 -70.95	128.78 5.31 -52.76	105.10 5.32 -28.85	115.10 5.02 -39.36
GROVEVILLE___HYD 323602	74.59 4.55 0.00	74.00 4.32 0.00	72.54 4.11 0.00	73.87 4.18 0.00	74.02 4.26 0.00	74.90 4.57 0.00	71.00 4.40 0.00	65.90 3.77 -7.48	69.75 4.29 -6.76	88.84 5.37 -13.70	105.60 6.30 -24.24	111.90 5.96 -34.98	110.06 5.80 -33.58	105.18 5.65 -28.92	101.93 5.94 -25.31	104.80 6.01 -28.03	117.43 6.30 -39.52	148.42 6.13 -70.99	143.70 6.29 -62.59	135.28 5.76 -58.44	129.07 5.46 -52.76	115.38 5.45 -39.22	97.98 5.60 -21.44	105.14 5.16 -29.26
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	69.83 -0.21 0.00	69.13 -0.56 0.00	67.89 -0.55 0.00	69.06 -0.63 0.00	69.13 -0.63 0.00	70.12 -0.21 0.00	66.27 -0.33 0.00	54.32 -0.33 0.00	58.42 -0.29 0.00	69.35 -0.42 0.00	74.93 -0.15 -0.02	72.98 -0.07 -2.09	72.20 -0.07 -1.58	70.99 -0.07 -0.45	70.69 0.00 0.00	70.83 0.07 0.00	73.04 0.36 -1.08	79.95 0.64 -8.01	82.64 0.75 -7.06	78.17 0.50 -6.60	77.02 0.21 -5.96	75.28 0.14 -4.42	73.57 0.21 -2.42	74.16 0.14 -3.30

HAMLTNNY_34_KV_TB 80303	70.04 0.00 0.00	69.27 -0.42 0.00	68.02 -0.41 0.00	69.20 -0.49 0.00	69.27 -0.49 0.00	70.33 0.00 0.00	66.47 -0.13 0.00	54.54 -0.11 0.00	58.65 -0.06 0.00	69.56 -0.21 0.00	75.15 0.08 -0.02	73.38 0.14 -2.27	72.55 0.14 -1.72	71.25 0.14 -0.49	70.90 0.21 0.00	71.04 0.28 0.00	73.50 0.72 -1.17	81.08 1.07 -8.71	83.78 1.27 -7.68	79.10 0.85 -7.17	77.90 0.57 -6.47	75.95 0.42 -4.81	74.13 0.57 -2.63	74.87 0.57 -3.59
HAMPSHIRE___PAPER_HYD 323593	69.83 -0.21 0.00	69.55 -0.14 0.00	68.10 -0.34 0.00	69.12 -0.56 0.00	68.99 -0.77 0.00	69.06 -1.26 0.00	65.20 -1.40 0.00	53.83 -0.82 0.00	57.65 -1.06 0.00	68.30 -1.47 0.00	66.69 -1.43 6.94	69.56 -1.42 -0.02	69.50 -1.56 -0.37	69.16 -1.55 -0.11	69.20 -1.49 0.00	69.06 -1.70 0.00	69.42 -1.64 0.54	71.52 -1.64 -1.86	74.82 -1.65 -1.64	71.19 -1.42 -1.53	70.89 -1.35 -1.38	70.90 -0.85 -1.03	70.57 -0.92 -0.56	70.64 -0.85 -0.77
HARDSCRABBLE_WT_PWR 323673	72.00 1.96 0.00	71.57 1.88 0.00	70.21 1.78 0.00	71.43 1.74 0.00	71.51 1.74 0.00	72.15 1.83 0.00	68.14 1.53 0.00	55.85 1.20 0.00	60.06 1.35 0.00	71.52 1.74 0.00	78.05 2.25 -0.74	73.22 2.20 -0.05	72.88 2.19 0.00	72.80 2.19 0.00	73.02 2.33 0.00	73.16 2.41 0.00	74.26 2.57 -0.08	73.86 2.56 0.00	77.52 2.69 0.00	73.50 2.42 0.00	72.98 2.12 0.00	72.55 1.84 0.00	72.77 1.84 0.00	72.41 1.69 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	73.82 3.78 0.00	73.17 3.48 0.00	71.79 3.35 0.00	73.10 3.41 0.00	73.25 3.49 0.00	74.13 3.80 0.00	70.20 3.60 0.00	64.53 3.22 -6.66	68.43 3.70 -6.02	87.05 4.67 -12.60	102.99 5.63 -22.30	108.73 5.32 -32.45	106.94 5.16 -31.09	102.36 5.08 -26.66	99.34 5.37 -23.28	101.92 5.38 -25.79	113.75 5.66 -36.49	143.28 5.49 -66.49	139.14 5.69 -58.62	131.00 5.19 -54.74	125.16 4.89 -49.42	112.25 4.88 -36.65	95.94 4.97 -20.04	102.59 4.53 -27.34
HARSNRAD_115KV_TB1 81005	64.50 -5.53 0.00	63.62 -6.06 0.00	62.07 -6.36 0.00	62.99 -6.69 0.00	63.27 -6.49 0.00	64.84 -5.49 0.00	61.28 -5.33 0.00	49.62 -5.03 0.00	53.19 -5.52 0.00	64.46 -7.47 -2.16	71.44 -7.43 -3.81	64.63 -6.46 -0.13	65.37 -6.57 -1.26	68.16 -6.99 -4.54	67.67 -7.00 -3.98	68.59 -6.58 -4.41	71.90 -5.73 -6.02	78.02 -4.28 -11.00	80.49 -4.04 -9.70	75.09 -5.05 -9.06	73.29 -5.74 -8.18	71.14 -5.66 -6.07	69.79 -4.47 -3.32	71.79 -3.47 -4.53
HARZA MOOSE___RIVER 24016	71.79 1.75 0.00	71.29 1.60 0.00	69.74 1.30 0.00	70.80 1.11 0.00	70.88 1.12 0.00	71.73 1.41 0.00	67.80 1.20 0.00	55.74 1.09 0.00	59.94 1.23 0.00	71.17 1.40 0.00	75.55 1.88 1.39	73.27 1.77 -0.53	72.79 1.63 -0.47	72.30 1.55 -0.14	72.38 1.70 0.00	72.53 1.77 0.00	73.77 2.00 -0.17	75.69 2.00 -2.40	79.11 2.17 -2.11	75.04 1.99 -1.97	74.48 1.84 -1.78	73.88 1.84 -1.32	73.29 1.63 -0.72	73.12 1.41 -0.99
HDSNBRDG_115KV_BRDG_TB1 355580	69.20 -0.84 0.00	68.50 -1.18 0.00	67.20 -1.23 0.00	68.43 -1.25 0.00	68.50 -1.26 0.00	69.48 -0.84 0.00	65.61 -1.00 0.00	53.77 -0.87 0.00	57.83 -0.88 0.00	68.65 -1.12 0.00	74.17 -0.90 -0.02	72.02 -0.78 -1.84	71.30 -0.78 -1.39	70.16 -0.85 -0.40	69.91 -0.78 0.00	70.05 -0.71 0.00	72.13 -0.43 -0.95	78.22 -0.14 -7.06	80.98 -0.07 -6.23	76.61 -0.28 -5.81	75.54 -0.57 -5.25	73.98 -0.64 -3.90	72.57 -0.50 -2.13	73.06 -0.57 -2.91
HELLGATE_13_KV_LD 55870	74.24 4.20 0.00	73.59 3.90 0.00	71.99 3.56 0.00	73.31 3.62 0.00	73.32 3.56 0.00	74.27 3.94 0.00	70.53 3.93 0.00	65.53 3.72 -7.16	69.35 4.17 -6.48	88.53 5.30 -13.45	105.32 6.46 -23.80	111.77 6.17 -34.63	109.74 5.87 -33.19	105.00 5.93 -28.46	101.76 6.22 -24.85	104.44 6.16 -27.53	116.90 6.37 -38.92	148.08 6.06 -70.72	143.47 6.29 -62.36	135.06 5.76 -58.22	128.88 5.46 -52.57	115.35 5.52 -39.12	98.00 5.67 -21.39	105.07 5.16 -29.19
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	74.24 4.20 0.00	73.59 3.90 0.00	71.99 3.56 0.00	73.31 3.62 0.00	73.32 3.56 0.00	74.27 3.94 0.00	70.53 3.93 0.00	65.53 3.72 -7.16	69.35 4.17 -6.48	88.53 5.30 -13.45	105.32 6.46 -23.80	111.77 6.17 -34.63	109.74 5.87 -33.19	105.00 5.93 -28.46	101.76 6.22 -24.85	104.44 6.16 -27.53	116.90 6.37 -38.92	148.08 6.06 -70.72	143.47 6.29 -62.36	135.06 5.76 -58.22	128.88 5.46 -52.57	115.35 5.52 -39.12	98.00 5.67 -21.39	105.07 5.16 -29.19
HEMPSTEAD____ 23647	86.58 5.67 -10.87	82.45 5.37 -7.40	78.03 5.06 -4.53	77.16 5.16 -2.32	77.18 5.16 -2.26	78.89 5.63 -2.93	82.75 5.39 -10.76	80.59 4.81 -21.13	82.41 5.40 -18.30	98.80 6.70 -22.33	149.55 7.73 -66.76	146.10 7.31 -67.82	166.73 7.07 -88.97	160.60 7.06 -82.93	158.71 7.35 -80.67	161.43 7.36 -83.31	169.95 7.59 -90.75	187.02 7.35 -108.37	178.14 7.71 -95.60	168.71 7.11 -90.52	162.69 6.73 -85.10	134.93 6.65 -57.57	117.20 6.88 -39.39	106.21 6.29 -29.20
HEWLETT_69_KV_BK3 55828	88.56 6.44 -12.08	84.04 6.13 -8.22	79.36 5.89 -5.04	78.26 5.99 -2.58	78.27 6.00 -2.51	79.99 6.40 -3.27	84.69 6.13 -11.96	82.75 5.41 -22.69	84.38 6.05 -19.62	100.63 7.54 -23.32	260.43 8.18 -177.19	229.68 7.81 -150.91	314.47 7.70 -236.08	304.74 7.56 -226.57	306.28 7.85 -227.75	309.10 7.92 -230.41	307.13 8.09 -227.44	286.92 7.99 -207.64	266.29 8.23 -183.23	252.96 7.61 -174.27	246.97 7.44 -168.67	176.75 7.43 -98.61	158.09 7.73 -79.42	107.04 7.07 -29.24
HICKLING___1 23621	68.85 -1.19 0.00	67.94 -1.74 0.00	66.66 -1.78 0.00	67.80 -1.88 0.00	68.02 -1.74 0.00	69.34 -0.98 0.00	65.61 -1.00 0.00	55.75 -1.09 -2.20	59.52 -1.17 -1.99	71.58 -1.95 -3.76	79.68 -2.03 -6.65	82.40 -1.56 -13.00	81.17 -1.27 -11.75	76.51 -1.98 -7.87	76.64 -0.99 -6.95	77.82 -0.64 -7.70	81.67 -0.64 -10.71	89.82 0.21 -18.31	91.34 0.37 -16.14	85.86 -0.28 -15.07	83.68 -0.78 -13.61	79.98 -0.85 -10.11	75.96 -0.50 -5.53	78.19 -0.07 -7.54
HICKLING___2 23622	68.85 -1.19 0.00	67.94 -1.74 0.00	66.66 -1.78 0.00	67.80 -1.88 0.00	68.02 -1.74 0.00	69.34 -0.98 0.00	65.61 -1.00 0.00	55.75 -1.09 -2.20	59.52 -1.17 -1.99	71.58 -1.95 -3.76	79.68 -2.03 -6.65	82.40 -1.56 -13.00	81.17 -1.27 -11.75	76.51 -1.98 -7.87	76.64 -0.99 -6.95	77.82 -0.64 -7.70	81.67 -0.64 -10.71	89.82 0.21 -18.31	91.34 0.37 -16.14	85.86 -0.28 -15.07	83.68 -0.78 -13.61	79.98 -0.85 -10.11	75.96 -0.50 -5.53	78.19 -0.07 -7.54
HIGH FALLS___HY 23754	74.45 4.41 0.00	73.73 4.04 0.00	72.34 3.90 0.00	73.66 3.97 0.00	73.74 3.98 0.00	74.69 4.36 0.00	70.87 4.26 0.00	68.63 3.66 -10.33	72.21 4.17 -9.33	90.56 5.16 -15.62	108.68 6.00 -27.62	113.77 5.61 -37.20	112.39 5.44 -36.26	108.30 5.30 -32.40	105.20 5.66 -28.86	108.60 5.87 -31.97	121.86 6.30 -43.96	148.31 6.35 -70.66	143.49 6.36 -62.31	135.08 5.83 -58.18	128.90 5.53 -52.52	115.27 5.52 -39.03	97.81 5.53 -21.34	104.86 5.02 -29.12
HIGH_RIVER___SOLAR 323847	73.33 3.29 0.00	72.75 3.06 0.00	71.38 2.94 0.00	72.82 3.14 0.00	73.11 3.35 0.00	73.77 3.45 0.00	69.74 3.13 0.00	134.69 2.57 -77.48	131.44 2.70 -70.03	136.66 2.93 -63.96	190.82 3.15 -112.61	174.79 2.84 -100.98	183.29 2.97 -109.64	195.14 3.03 -121.49	192.09 3.25 -118.15	205.38 3.75 -130.88	234.43 4.15 -158.67	167.89 4.28 -92.32	160.87 4.64 -81.40	151.27 4.19 -76.00	143.51 4.04 -68.61	125.63 3.89 -51.02	102.73 3.90 -27.90	112.46 3.68 -38.07

HILLBURN___GT 23639	73.68 3.64 0.00	73.03 3.34 0.00	71.65 3.22 0.00	72.96 3.28 0.00	73.04 3.28 0.00	73.98 3.65 0.00	70.13 3.53 0.00	64.63 3.22 -6.76	68.52 3.70 -6.11	87.30 4.75 -12.78	103.37 5.70 -22.61	109.32 5.46 -32.89	107.51 5.30 -31.52	102.87 5.23 -27.03	99.74 5.44 -23.61	102.36 5.45 -26.15	114.26 5.66 -37.00	144.18 5.49 -67.39	140.01 5.76 -59.42	131.82 5.26 -55.48	125.90 4.96 -50.09	112.80 4.95 -37.13	96.27 5.04 -20.31	102.95 4.53 -27.71
HILLSIDE_115KV_TB1 80332	68.36 -1.68 0.00	67.52 -2.16 0.00	66.25 -2.19 0.00	67.38 -2.30 0.00	67.60 -2.16 0.00	68.85 -1.48 0.00	65.07 -1.53 0.00	55.39 -1.53 -2.28	59.12 -1.64 -2.06	71.23 -2.44 -3.90	79.33 -2.63 -6.90	81.30 -2.13 -12.47	80.28 -1.84 -11.43	76.16 -2.61 -8.16	76.26 -1.63 -7.20	77.39 -1.34 -7.98	81.13 -1.58 -11.10	89.46 -0.78 -18.94	90.85 -0.67 -16.70	85.46 -1.21 -15.59	83.23 -1.70 -14.08	79.48 -1.70 -10.46	75.30 -1.35 -5.72	77.60 -0.92 -7.80
HISHELDN_WT_PWR 323625	64.71 -5.33 0.00	63.76 -5.92 0.00	62.34 -6.09 0.00	63.27 -6.41 0.00	63.62 -6.14 0.00	65.12 -5.20 0.00	61.61 -5.00 0.00	50.11 -4.54 0.00	53.72 -4.99 0.00	65.66 -6.70 -2.59	72.81 -6.83 -4.59	52.49 -6.32 12.16	56.92 -6.08 7.68	69.42 -6.64 -5.45	69.82 -5.66 -4.79	70.97 -5.10 -5.30	74.16 -4.65 -7.21	81.10 -3.21 -13.00	83.22 -3.07 -11.46	77.87 -3.91 -10.70	76.13 -4.39 -9.66	73.30 -4.60 -7.18	71.24 -3.61 -3.93	73.32 -2.76 -5.36
HOLTSVILLE_IC_1 23690	92.73 7.07 -15.62	87.01 6.69 -10.63	81.31 6.37 -6.51	79.50 6.48 -3.33	79.49 6.49 -3.24	81.44 6.90 -4.22	88.72 6.66 -15.46	87.73 5.85 -27.24	88.64 6.46 -23.47	103.66 7.67 -26.21	115.97 8.18 -32.73	120.01 7.60 -41.45	122.94 7.35 -44.91	117.92 7.41 -39.90	115.03 7.78 -36.57	117.85 7.85 -39.24	129.57 8.16 -49.81	157.57 7.63 -78.64	152.40 8.23 -69.34	143.65 7.61 -64.96	137.20 7.02 -59.33	120.39 6.93 -42.73	103.22 7.38 -24.91	106.48 6.58 -29.19
HOLTSVILLE_IC_10 23699	93.09 7.50 -15.55	87.38 7.11 -10.58	81.62 6.71 -6.48	79.83 6.83 -3.32	79.83 6.84 -3.23	81.84 7.31 -4.20	89.05 7.06 -15.39	87.97 6.17 -27.15	88.97 6.87 -23.39	104.09 8.16 -26.16	117.15 8.70 -33.38	120.94 8.02 -41.96	124.22 7.78 -45.76	119.18 7.84 -40.73	116.38 8.27 -37.42	119.20 8.35 -40.10	130.87 8.66 -50.60	158.64 8.13 -79.21	153.43 8.75 -69.85	144.64 8.10 -65.46	138.12 7.44 -59.82	121.02 7.29 -43.02	103.85 7.73 -25.19	106.91 7.00 -29.19
HOLTSVILLE_IC_2 23691	92.73 7.07 -15.62	87.01 6.69 -10.63	81.31 6.37 -6.51	79.50 6.48 -3.33	79.49 6.49 -3.24	81.44 6.90 -4.22	88.72 6.66 -15.46	87.73 5.85 -27.24	88.64 6.46 -23.47	103.66 7.67 -26.21	115.97 8.18 -32.73	120.01 7.60 -41.45	122.94 7.35 -44.91	117.92 7.41 -39.90	115.03 7.78 -36.57	117.85 7.85 -39.24	129.57 8.16 -49.81	157.57 7.63 -78.64	152.40 8.23 -69.34	143.65 7.61 -64.96	137.20 7.02 -59.33	120.39 6.93 -42.73	103.22 7.38 -24.91	106.48 6.58 -29.19
HOLTSVILLE_IC_3 23692	92.73 7.07 -15.62	87.01 6.69 -10.63	81.31 6.37 -6.51	79.50 6.48 -3.33	79.49 6.49 -3.24	81.44 6.90 -4.22	88.72 6.66 -15.46	87.73 5.85 -27.24	88.64 6.46 -23.47	103.66 7.67 -26.21	115.97 8.18 -32.73	120.01 7.60 -41.45	122.94 7.35 -44.91	117.92 7.41 -39.90	115.03 7.78 -36.57	117.85 7.85 -39.24	129.57 8.16 -49.81	157.57 7.63 -78.64	152.40 8.23 -69.34	143.65 7.61 -64.96	137.20 7.02 -59.33	120.39 6.93 -42.73	103.22 7.38 -24.91	106.48 6.58 -29.19
HOLTSVILLE_IC_4 23693	92.73 7.07 -15.62	87.01 6.69 -10.63	81.31 6.37 -6.51	79.50 6.48 -3.33	79.49 6.49 -3.24	81.44 6.90 -4.22	88.72 6.66 -15.46	87.73 5.85 -27.24	88.64 6.46 -23.47	103.66 7.67 -26.21	115.97 8.18 -32.73	120.01 7.60 -41.45	122.94 7.35 -44.91	117.92 7.41 -39.90	115.03 7.78 -36.57	117.85 7.85 -39.24	129.57 8.16 -49.81	157.57 7.63 -78.64	152.40 8.23 -69.34	143.65 7.61 -64.96	137.20 7.02 -59.33	120.39 6.93 -42.73	103.22 7.38 -24.91	106.48 6.58 -29.19
HOLTSVILLE_IC_5 23694	92.73 7.07 -15.62	87.01 6.69 -10.63	81.31 6.37 -6.51	79.50 6.48 -3.33	79.49 6.49 -3.24	81.44 6.90 -4.22	88.72 6.66 -15.46	87.73 5.85 -27.24	88.64 6.46 -23.47	103.66 7.67 -26.21	115.97 8.18 -32.73	120.01 7.60 -41.45	122.94 7.35 -44.91	117.92 7.41 -39.90	115.03 7.78 -36.57	117.85 7.85 -39.24	129.57 8.16 -49.81	157.57 7.63 -78.64	152.40 8.23 -69.34	143.65 7.61 -64.96	137.20 7.02 -59.33	120.39 6.93 -42.73	103.22 7.38 -24.91	106.48 6.58 -29.19
HOLTSVILLE_IC_6 23695	93.09 7.50 -15.55	87.38 7.11 -10.58	81.62 6.71 -6.48	79.83 6.83 -3.32	79.83 6.84 -3.23	81.84 7.31 -4.20	89.05 7.06 -15.39	87.97 6.17 -27.15	88.97 6.87 -23.39	104.09 8.16 -26.16	117.15 8.70 -33.38	120.94 8.02 -41.96	124.22 7.78 -45.76	119.18 7.84 -40.73	116.38 8.27 -37.42	119.20 8.35 -40.10	130.87 8.66 -50.60	158.64 8.13 -79.21	153.43 8.75 -69.85	144.64 8.10 -65.46	138.12 7.44 -59.82	121.02 7.29 -43.02	103.85 7.73 -25.19	106.91 7.00 -29.19
HOLTSVILLE_IC_7 23696	93.09 7.50 -15.55	87.38 7.11 -10.58	81.62 6.71 -6.48	79.83 6.83 -3.32	79.83 6.84 -3.23	81.84 7.31 -4.20	89.05 7.06 -15.39	87.97 6.17 -27.15	88.97 6.87 -23.39	104.09 8.16 -26.16	117.15 8.70 -33.38	120.94 8.02 -41.96	124.22 7.78 -45.76	119.18 7.84 -40.73	116.38 8.27 -37.42	119.20 8.35 -40.10	130.87 8.66 -50.60	158.64 8.13 -79.21	153.43 8.75 -69.85	144.64 8.10 -65.46	138.12 7.44 -59.82	121.02 7.29 -43.02	103.85 7.73 -25.19	106.91 7.00 -29.19
HOLTSVILLE_IC_8 23697	93.09 7.50 -15.55	87.38 7.11 -10.58	81.62 6.71 -6.48	79.83 6.83 -3.32	79.83 6.84 -3.23	81.84 7.31 -4.20	89.05 7.06 -15.39	87.97 6.17 -27.15	88.97 6.87 -23.39	104.09 8.16 -26.16	117.15 8.70 -33.38	120.94 8.02 -41.96	124.22 7.78 -45.76	119.18 7.84 -40.73	116.38 8.27 -37.42	119.20 8.35 -40.10	130.87 8.66 -50.60	158.64 8.13 -79.21	153.43 8.75 -69.85	144.64 8.10 -65.46	138.12 7.44 -59.82	121.02 7.29 -43.02	103.85 7.73 -25.19	106.91 7.00 -29.19
HOLTSVILLE_IC_9 23698	93.09 7.50 -15.55	87.38 7.11 -10.58	81.62 6.71 -6.48	79.83 6.83 -3.32	79.83 6.84 -3.23	81.84 7.31 -4.20	89.05 7.06 -15.39	87.97 6.17 -27.15	88.97 6.87 -23.39	104.09 8.16 -26.16	117.15 8.70 -33.38	120.94 8.02 -41.96	124.22 7.78 -45.76	119.18 7.84 -40.73	116.38 8.27 -37.42	119.20 8.35 -40.10	130.87 8.66 -50.60	158.64 8.13 -79.21	153.43 8.75 -69.85	144.64 8.10 -65.46	138.12 7.44 -59.82	121.02 7.29 -43.02	103.85 7.73 -25.19	106.91 7.00 -29.19
HOMER_HL_115KV_TB2 355744	67.03 -3.01 0.00	66.13 -3.55 0.00	64.60 -3.83 0.00	65.64 -4.04 0.00	65.92 -3.84 0.00	67.44 -2.88 0.00	63.87 -2.73 0.00	53.47 -2.79 -1.61	57.11 -3.05 -1.46	68.19 -4.33 -2.75	73.99 -5.93 -4.86	71.55 -4.75 -5.34	72.42 -3.75 -5.48	69.74 -6.64 -5.77	72.37 -3.39 -5.08	73.41 -2.97 -5.62	74.25 -5.23 -7.87	81.03 -3.99 -13.72	83.11 -3.82 -12.10	77.76 -4.62 -11.30	75.81 -5.24 -10.20	73.06 -5.23 -7.58	70.68 -4.40 -4.14	72.98 -3.39 -5.65
HOWARD_WT_PWR 323690	66.54 -3.50 0.00	65.36 -4.32 0.00	64.05 -4.38 0.00	65.08 -4.60 0.00	65.37 -4.39 0.00	66.88 -3.44 0.00	63.54 -3.06 0.00	53.85 -2.62 -1.82	57.30 -3.06 -1.65	68.55 -4.33 -3.10	76.49 -4.05 -5.49	96.09 -3.69 -28.82	90.65 -3.25 -23.22	73.44 -3.67 -6.51	74.16 -2.26 -5.73	75.69 -1.41 -6.35	79.40 -1.07 -8.87	86.79 0.21 -15.28	88.67 0.38 -13.47	83.16 -0.49 -12.58	80.94 -1.27 -11.35	77.39 -1.77 -8.44	74.13 -1.42 -4.61	76.09 -0.92 -6.29

HQ_GEN_CEDARS 23644	69.27 -0.77 0.00	69.34 -0.35 0.00	68.09 -0.34 0.00	69.20 -0.49 0.00	69.06 -0.70 0.00	68.78 -1.55 0.00	65.47 -1.13 0.00	54.21 -0.44 0.00	57.83 -0.88 0.00	68.24 -1.53 0.00	60.60 -2.03 12.43	68.00 -2.13 0.84	68.57 -2.12 0.00	68.49 -2.12 0.00	68.43 -2.26 0.00	68.35 -2.41 0.00	67.55 -2.65 1.41	68.45 -2.85 0.00	72.06 -2.77 0.00	68.73 -2.35 0.00	68.94 -1.91 0.00	69.09 -1.63 0.00	69.23 -1.70 0.00	69.37 -1.34 0.00
HQ_GEN_CEDARS_PROXY 323590	69.27 -0.77 0.00	69.34 -0.35 0.00	68.10 -0.34 0.00	69.20 -0.48 0.00	69.06 -0.70 0.00	68.78 -1.55 0.00	65.47 -1.13 0.00	54.21 -0.44 0.00	57.83 -0.88 0.00	68.57 -1.54 -0.34	60.26 -2.02 12.77	68.00 -2.13 0.84	68.50 -2.19 0.00	68.50 -2.12 0.00	68.42 -2.26 0.00	68.35 -2.41 0.00	67.55 -2.65 1.41	68.45 -2.85 0.00	72.06 -2.77 0.00	68.73 -2.34 0.00	68.87 -1.98 0.00	69.09 -1.62 0.00	69.23 -1.70 0.00	69.37 -1.35 0.00
HQ_GEN_IMPORT 323601	69.20 -0.84 0.00	69.20 -0.48 0.00	68.03 -0.41 0.00	69.20 -0.48 0.00	69.20 -0.56 0.00	69.20 -1.13 0.00	65.94 -0.67 0.00	54.15 -0.49 0.00	58.06 -0.64 0.00	69.20 -0.91 -0.34	69.20 -1.50 4.36	69.20 -1.49 0.27	69.20 -1.49 0.00	69.20 -1.41 0.00	69.20 -1.49 0.00	69.20 -1.56 0.00	69.22 -1.93 0.45	69.23 -2.07 0.00	72.59 -2.24 0.00	69.23 -1.85 0.00	69.23 -1.63 0.00	69.23 -1.49 0.00	69.23 -1.70 0.00	69.23 -1.49 0.00
HQ_GEN_WHEEL 23651	69.20 -0.84 0.00	69.20 -0.48 0.00	68.03 -0.41 0.00	69.20 -0.48 0.00	69.20 -0.56 0.00	69.20 -1.13 0.00	65.94 -0.67 0.00	54.15 -0.49 0.00	58.06 -0.64 0.00	69.20 -0.91 -0.34	69.20 -1.50 4.36	69.20 -1.49 0.27	69.20 -1.49 0.00	69.20 -1.41 0.00	69.20 -1.49 0.00	69.20 -1.56 0.00	69.22 -1.93 0.45	69.23 -2.07 0.00	72.59 -2.24 0.00	69.23 -1.85 0.00	69.23 -1.63 0.00	69.23 -1.49 0.00	69.23 -1.70 0.00	69.23 -1.49 0.00
HUDSON AVE_GT_3 23810	74.45 4.41 0.00	73.80 4.11 0.00	72.27 3.83 0.00	73.59 3.90 0.00	73.67 3.91 0.00	74.62 4.29 0.00	70.80 4.20 0.00	65.75 3.93 -7.16	69.65 4.46 -6.48	88.87 5.65 -13.45	105.54 6.68 -23.80	112.05 6.46 -34.63	110.02 6.15 -33.19	105.21 6.14 -28.45	101.97 6.43 -24.85	104.65 6.37 -27.52	117.18 6.66 -38.92	148.44 6.42 -70.72	143.84 6.66 -62.35	135.34 6.04 -58.22	129.16 5.74 -52.56	115.56 5.73 -39.12	98.21 5.89 -21.39	105.21 5.30 -29.18
HUDSON AVE_GT_4 23540	74.45 4.41 0.00	73.80 4.11 0.00	72.27 3.83 0.00	73.59 3.90 0.00	73.67 3.91 0.00	74.62 4.29 0.00	70.80 4.20 0.00	65.75 3.93 -7.16	69.65 4.46 -6.48	88.87 5.65 -13.45	105.54 6.68 -23.80	112.05 6.46 -34.63	110.02 6.15 -33.19	105.21 6.14 -28.45	101.97 6.43 -24.85	104.65 6.37 -27.52	117.18 6.66 -38.92	148.44 6.42 -70.72	143.84 6.66 -62.35	135.34 6.04 -58.22	129.16 5.74 -52.56	115.56 5.73 -39.12	98.21 5.89 -21.39	105.21 5.30 -29.18
HUDSON AVE_GT_5 23657	74.45 4.41 0.00	73.80 4.11 0.00	72.27 3.83 0.00	73.59 3.90 0.00	73.67 3.91 0.00	74.62 4.29 0.00	70.80 4.20 0.00	65.75 3.93 -7.16	69.65 4.46 -6.48	88.87 5.65 -13.45	105.54 6.68 -23.80	112.05 6.46 -34.63	110.02 6.15 -33.19	105.21 6.14 -28.45	101.97 6.43 -24.85	104.65 6.37 -27.52	117.18 6.66 -38.92	148.44 6.42 -70.72	143.84 6.66 -62.35	135.34 6.04 -58.22	129.16 5.74 -52.56	115.56 5.73 -39.12	98.21 5.89 -21.39	105.21 5.30 -29.18
HUDSON_AVE_10 24168	74.24 4.20 0.00	73.59 3.90 0.00	72.06 3.63 0.00	73.31 3.62 0.00	73.39 3.63 0.00	74.41 4.08 0.00	70.67 4.06 0.00	65.64 3.83 -7.16	69.59 4.40 -6.48	88.80 5.58 -13.45	105.31 6.46 -23.80	111.84 6.24 -34.63	109.81 5.94 -33.19	105.07 6.00 -28.45	101.76 6.22 -24.85	104.51 6.23 -27.52	116.97 6.44 -38.92	148.22 6.20 -70.72	143.62 6.44 -62.35	135.20 5.90 -58.22	129.02 5.60 -52.56	115.35 5.52 -39.12	98.00 5.67 -21.39	105.07 5.16 -29.18
HUDSON___115KV_TB 4 355613	74.45 4.41 0.00	73.87 4.18 0.00	72.54 4.11 0.00	74.00 4.32 0.00	74.29 4.53 0.00	74.90 4.57 0.00	70.40 3.80 0.00	91.47 2.84 -33.98	92.53 3.11 -30.71	107.08 3.77 -33.55	138.48 4.28 -59.14	137.26 3.97 -62.32	139.08 3.82 -64.58	140.03 3.67 -65.75	136.33 3.68 -61.96	143.22 3.82 -68.64	162.53 3.87 -87.06	159.22 3.64 -84.28	153.03 3.89 -74.31	143.95 3.48 -69.39	137.04 3.54 -62.64	120.84 3.54 -46.59	100.03 3.62 -25.47	109.09 3.61 -34.76
HUNTER MOUNT___DRP 323613	74.87 4.83 0.00	74.28 4.60 0.00	72.95 4.52 0.00	74.42 4.74 0.00	74.71 4.95 0.00	75.32 4.99 0.00	70.87 4.26 0.00	86.15 2.79 -28.71	87.78 3.11 -25.96	103.15 3.70 -29.68	131.54 4.13 -52.35	131.96 3.83 -57.16	133.03 3.68 -58.67	132.76 3.53 -58.61	129.05 3.53 -54.83	135.24 3.75 -60.74	153.34 3.87 -77.87	157.25 3.64 -82.32	151.22 3.82 -72.58	142.26 3.41 -67.77	135.51 3.47 -61.18	119.68 3.47 -45.50	99.29 3.48 -24.88	108.20 3.54 -33.94
HUNTINGTON_RES_REC 323705	92.27 6.72 -15.51	86.58 6.34 -10.56	80.92 6.02 -6.46	79.13 6.13 -3.31	79.12 6.14 -3.22	81.06 6.54 -4.19	88.29 6.33 -15.35	87.32 5.58 -27.09	88.28 6.22 -23.35	103.43 7.54 -26.12	116.70 8.26 -33.38	120.59 7.67 -41.96	123.94 7.49 -45.76	118.82 7.48 -40.73	115.96 7.85 -37.42	118.78 7.92 -40.10	130.44 8.23 -50.60	158.07 7.55 -79.21	152.91 8.23 -69.85	144.21 7.68 -65.46	137.83 7.15 -59.82	120.81 7.07 -43.02	103.50 7.38 -25.19	106.55 6.65 -29.19
HUNTLEY___63 23557	64.99 -5.04 0.00	64.04 -5.64 0.00	62.55 -5.89 0.00	63.48 -6.20 0.00	63.76 -6.00 0.00	65.33 -4.99 0.00	61.68 -4.93 0.00	49.95 -4.70 0.00	53.54 -5.17 0.00	65.04 -6.98 -2.24	72.04 -6.98 -3.97	64.81 -6.03 0.12	65.73 -6.08 -1.12	68.69 -6.64 -4.72	68.40 -6.43 -4.14	69.26 -6.09 -4.59	72.49 -5.37 -6.25	78.77 -3.92 -11.40	81.21 -3.67 -10.05	75.84 -4.62 -9.38	74.01 -5.31 -8.47	71.78 -5.23 -6.29	70.33 -4.04 -3.44	72.30 -3.11 -4.70
HUNTLEY___64 23558	64.99 -5.04 0.00	64.04 -5.64 0.00	62.55 -5.89 0.00	63.48 -6.20 0.00	63.76 -6.00 0.00	65.33 -4.99 0.00	61.68 -4.93 0.00	49.95 -4.70 0.00	53.54 -5.17 0.00	65.04 -6.98 -2.24	72.04 -6.98 -3.97	64.81 -6.03 0.12	65.73 -6.08 -1.12	68.69 -6.64 -4.72	68.40 -6.43 -4.14	69.26 -6.09 -4.59	72.49 -5.37 -6.25	78.77 -3.92 -11.40	81.21 -3.67 -10.05	75.84 -4.62 -9.38	74.01 -5.31 -8.47	71.78 -5.23 -6.29	70.33 -4.04 -3.44	72.30 -3.11 -4.70
HUNTLEY___65 23559	64.99 -5.04 0.00	64.04 -5.64 0.00	62.55 -5.89 0.00	63.48 -6.20 0.00	63.76 -6.00 0.00	65.33 -4.99 0.00	61.68 -4.93 0.00	49.95 -4.70 0.00	53.54 -5.17 0.00	65.04 -6.98 -2.24	72.04 -6.98 -3.97	64.81 -6.03 0.12	65.73 -6.08 -1.12	68.69 -6.64 -4.72	68.40 -6.43 -4.14	69.26 -6.09 -4.59	72.49 -5.37 -6.25	78.77 -3.92 -11.40	81.21 -3.67 -10.05	75.84 -4.62 -9.38	74.01 -5.31 -8.47	71.78 -5.23 -6.29	70.33 -4.04 -3.44	72.30 -3.11 -4.70
HUNTLEY___66 23560	64.99 -5.04 0.00	64.04 -5.64 0.00	62.55 -5.89 0.00	63.48 -6.20 0.00	63.76 -6.00 0.00	65.33 -4.99 0.00	61.68 -4.93 0.00	49.95 -4.70 0.00	53.54 -5.17 0.00	65.04 -6.98 -2.24	72.04 -6.98 -3.97	64.81 -6.03 0.12	65.73 -6.08 -1.12	68.69 -6.64 -4.72	68.40 -6.43 -4.14	69.26 -6.09 -4.59	72.49 -5.37 -6.25	78.77 -3.92 -11.40	81.21 -3.67 -10.05	75.84 -4.62 -9.38	74.01 -5.31 -8.47	71.78 -5.23 -6.29	70.33 -4.04 -3.44	72.30 -3.11 -4.70



HUNTLEY___67 23561	64.71 -5.32 0.00	63.83 -5.85 0.00	62.28 -6.16 0.00	63.27 -6.41 0.00	63.55 -6.21 0.00	65.12 -5.20 0.00	61.48 -5.13 0.00	49.84 -4.81 0.00	53.43 -5.28 0.00	64.87 -7.19 -2.29	71.83 -7.28 -4.05	63.26 -6.67 1.04	64.51 -6.64 -0.47	68.51 -6.92 -4.82	68.34 -6.57 -4.23	69.21 -6.23 -4.68	72.40 -5.59 -6.38	78.70 -4.21 -11.61	81.10 -3.97 -10.24	75.73 -4.90 -9.56	73.89 -5.60 -8.63	71.61 -5.52 -6.41	70.11 -4.33 -3.51	72.11 -3.39 -4.78
HUNTLEY___68 23562	64.71 -5.32 0.00	63.83 -5.85 0.00	62.28 -6.16 0.00	63.27 -6.41 0.00	63.55 -6.21 0.00	65.12 -5.20 0.00	61.48 -5.13 0.00	49.84 -4.81 0.00	53.43 -5.28 0.00	64.87 -7.19 -2.29	71.83 -7.28 -4.05	63.26 -6.67 1.04	64.51 -6.64 -0.47	68.51 -6.92 -4.82	68.34 -6.57 -4.23	69.21 -6.23 -4.68	72.40 -5.59 -6.38	78.70 -4.21 -11.61	81.10 -3.97 -10.24	75.73 -4.90 -9.56	73.89 -5.60 -8.63	71.61 -5.52 -6.41	70.11 -4.33 -3.51	72.11 -3.39 -4.78
HYLAND___LFG 323620	70.18 0.14 0.00	69.06 -0.63 0.00	67.34 -1.10 0.00	68.29 -1.39 0.00	68.57 -1.19 0.00	70.12 -0.21 0.00	66.61 0.00 0.00	54.81 0.16 0.00	58.53 -0.18 0.00	71.17 -1.12 -2.52	78.46 -1.05 -4.45	99.81 -0.99 -29.84	93.08 -1.27 -23.66	74.77 -1.13 -5.29	74.42 -0.92 -4.65	75.84 -0.07 -5.15	80.26 1.65 -7.00	87.29 3.35 -12.64	89.71 3.74 -11.14	84.18 2.70 -10.41	82.38 2.12 -9.39	79.33 1.63 -6.98	76.81 2.06 -3.82	78.19 2.26 -5.21
INDECK___CORINTH 23802	72.77 2.73 0.00	72.19 2.50 0.00	70.83 2.39 0.00	72.33 2.65 0.00	72.69 2.93 0.00	73.28 2.95 0.00	69.20 2.60 0.00	132.13 2.35 -75.13	129.27 2.64 -67.91	135.55 3.28 -62.50	188.84 3.75 -110.04	172.95 3.55 -98.44	183.22 5.58 -106.95	194.85 5.58 -118.66	191.86 5.72 -115.45	204.52 5.87 -127.89	232.46 6.02 -154.84	166.57 5.99 -89.28	159.98 6.44 -78.72	150.33 5.75 -73.50	142.88 5.67 -66.36	125.44 5.37 -49.35	103.31 5.39 -26.98	112.70 5.16 -36.82
INDECK___ILION 23567	71.58 1.54 0.00	71.15 1.46 0.00	69.80 1.37 0.00	71.08 1.39 0.00	71.16 1.40 0.00	71.88 1.55 0.00	67.94 1.33 0.00	55.69 1.04 0.00	59.88 1.17 0.00	71.24 1.47 0.00	77.68 1.88 -0.74	72.79 1.77 -0.05	72.45 1.77 0.00	72.38 1.77 0.00	72.53 1.84 0.00	72.60 1.84 0.00	73.69 2.00 -0.08	73.23 1.93 0.00	76.85 2.02 0.00	72.93 1.85 0.00	72.56 1.70 0.00	72.34 1.63 0.00	72.56 1.63 0.00	72.27 1.56 0.00
INDECK___OLEAN 23982	67.03 -3.01 0.00	66.13 -3.55 0.00	64.60 -3.83 0.00	65.64 -4.04 0.00	65.99 -3.77 0.00	67.44 -2.89 0.00	63.87 -2.73 0.00	53.47 -2.79 -1.61	57.11 -3.06 -1.46	68.19 -4.33 -2.75	74.96 -4.96 -4.86	71.55 -4.75 -5.34	72.28 -3.89 -5.48	69.74 -3.39 -5.77	72.37 -3.39 -5.08	73.41 -2.97 -5.62	74.26 -5.22 -7.87	81.10 -3.92 -13.72	83.11 -3.81 -12.10	77.76 -4.62 -11.30	75.95 -5.10 -10.20	73.06 -5.23 -7.58	70.68 -4.40 -4.14	72.98 -3.39 -5.65
INDECK___OSWEGO 23783	68.08 -1.96 0.00	67.52 -2.16 0.00	66.24 -2.19 0.00	67.39 -2.30 0.00	67.53 -2.24 0.00	68.36 -1.97 0.00	64.47 -2.13 0.00	52.85 -1.80 0.00	56.83 -1.88 0.00	67.53 -2.24 0.00	72.56 -2.18 0.32	70.23 -2.06 -1.32	69.65 -2.05 -1.02	68.93 -1.98 -0.29	68.64 -2.05 0.00	68.70 -2.05 0.00	70.48 -1.79 -0.66	74.90 -1.57 -5.16	77.81 -1.57 -4.55	73.62 -1.71 -4.25	72.85 -1.84 -3.84	71.66 -1.91 -2.85	70.72 -1.77 -1.56	71.01 -1.84 -2.13
INDECK___YERKES 23781	65.07 -4.97 0.00	64.11 -5.58 0.00	62.55 -5.89 0.00	63.48 -6.20 0.00	63.83 -5.93 0.00	65.40 -4.92 0.00	61.68 -4.93 0.00	50.00 -4.65 0.00	53.60 -5.11 0.00	65.04 -6.98 -2.24	72.05 -6.98 -3.97	64.88 -5.96 0.12	66.01 -5.79 -1.12	68.77 -6.56 -4.72	68.47 -6.36 -4.14	69.33 -6.01 -4.59	72.56 -5.30 -6.25	78.92 -3.78 -11.40	81.29 -3.59 -10.05	75.91 -4.55 -9.38	74.22 -5.10 -8.47	71.78 -5.23 -6.29	70.40 -3.97 -3.44	72.38 -3.04 -4.70
INDIAN POINT_GT_1 24139	73.89 3.85 0.00	73.24 3.55 0.00	71.86 3.42 0.00	73.17 3.48 0.00	73.25 3.49 0.00	74.20 3.87 0.00	70.27 3.66 0.00	65.12 3.39 -7.08	68.99 3.87 -6.40	88.03 4.95 -13.31	104.54 5.93 -23.55	110.83 5.61 -34.26	108.96 5.44 -32.83	104.13 5.37 -28.15	100.93 5.66 -24.59	103.58 5.59 -27.23	115.99 5.87 -38.51	146.93 5.63 -70.00	142.38 5.84 -61.72	134.11 5.40 -57.63	127.98 5.10 -52.02	114.43 5.02 -38.69	97.27 5.18 -21.16	104.26 4.67 -28.87
INDIAN POINT_GT_2 23659	73.89 3.85 0.00	73.24 3.55 0.00	71.86 3.42 0.00	73.17 3.48 0.00	73.25 3.49 0.00	74.20 3.87 0.00	70.27 3.66 0.00	65.12 3.39 -7.08	68.99 3.87 -6.40	88.03 4.95 -13.31	104.54 5.93 -23.55	110.83 5.61 -34.26	108.96 5.44 -32.83	104.13 5.37 -28.15	100.93 5.66 -24.59	103.58 5.59 -27.23	115.99 5.87 -38.51	146.93 5.63 -70.00	142.38 5.84 -61.72	134.11 5.40 -57.63	127.98 5.10 -52.02	114.43 5.02 -38.69	97.27 5.18 -21.16	104.26 4.67 -28.87
INDIAN POINT_GT_3 24019	73.89 3.85 0.00	73.24 3.55 0.00	71.86 3.42 0.00	73.17 3.48 0.00	73.25 3.49 0.00	74.20 3.87 0.00	70.27 3.66 0.00	65.12 3.39 -7.08	68.99 3.87 -6.40	88.03 4.95 -13.31	104.54 5.93 -23.55	110.83 5.61 -34.26	108.96 5.44 -32.83	104.13 5.37 -28.15	100.93 5.66 -24.59	103.58 5.59 -27.23	115.99 5.87 -38.51	146.93 5.63 -70.00	142.38 5.84 -61.72	134.11 5.40 -57.63	127.98 5.10 -52.02	114.43 5.02 -38.69	97.27 5.18 -21.16	104.26 4.67 -28.87
INDIAN POINT___2 23530	73.75 3.71 0.00	73.10 3.41 0.00	71.72 3.28 0.00	73.03 3.34 0.00	73.11 3.35 0.00	74.05 3.72 0.00	70.20 3.59 0.00	64.89 3.28 -6.96	68.76 3.76 -6.29	87.69 4.81 -13.11	104.04 5.78 -23.20	110.18 5.46 -33.75	108.34 5.30 -32.34	103.57 5.23 -27.74	100.43 5.52 -24.22	103.11 5.52 -26.83	115.29 5.73 -37.95	145.85 5.49 -69.06	141.48 5.76 -60.89	133.19 5.26 -56.85	127.21 5.03 -51.33	113.78 4.95 -38.11	96.81 5.04 -20.84	103.75 4.59 -28.43
INDIAN POINT___3 23531	73.75 3.71 0.00	73.10 3.41 0.00	71.79 3.35 0.00	73.10 3.41 0.00	73.18 3.42 0.00	74.13 3.80 0.00	70.20 3.60 0.00	65.07 3.33 -7.09	68.93 3.82 -6.41	87.97 4.88 -13.32	104.48 5.85 -23.57	110.67 5.54 -34.17	108.76 5.30 -32.77	104.06 5.30 -28.15	100.88 5.58 -24.61	103.53 5.52 -27.26	115.87 5.73 -38.54	146.90 5.56 -70.04	142.35 5.76 -61.76	134.07 5.33 -57.66	127.95 5.03 -52.06	114.22 5.02 -38.48	97.08 5.11 -21.04	104.09 4.67 -28.71
INGHAM_C_115KV_TB7 356103	72.77 2.73 0.00	72.33 2.65 0.00	70.90 2.46 0.00	72.12 2.44 0.00	72.20 2.44 0.00	72.93 2.60 0.00	68.87 2.26 0.00	56.45 1.80 0.00	60.71 2.00 0.00	72.28 2.51 0.00	78.80 3.00 -0.74	73.92 2.91 -0.05	73.59 2.90 0.00	73.51 2.90 0.00	73.73 3.04 0.00	73.80 3.04 0.00	74.91 3.22 -0.08	74.51 3.21 0.00	78.20 3.37 0.00	74.13 3.06 0.00	73.69 2.83 0.00	73.33 2.62 0.00	73.63 2.70 0.00	73.26 2.55 0.00
IP CORINTH___1 23988	73.12 3.08 0.00	72.54 2.86 0.00	71.17 2.74 0.00	72.68 3.00 0.00	73.11 3.35 0.00	73.63 3.31 0.00	69.60 3.00 0.00	132.40 2.62 -75.13	129.56 2.94 -67.91	135.97 3.70 -62.50	189.22 4.13 -110.04	173.31 3.90 -98.44	183.22 5.58 -106.95	194.85 5.58 -118.66	191.86 5.73 -115.45	204.52 5.87 -127.89	232.46 6.01 -154.84	166.57 5.99 -89.28	159.98 6.44 -78.72	150.34 5.76 -73.50	142.81 5.60 -66.36	125.44 5.37 -49.35	103.31 5.39 -26.98	112.70 5.16 -36.82

IP__TICONDEROGA 23804	75.99 5.95 0.00	75.33 5.64 0.00	73.77 5.34 0.00	75.40 5.71 0.00	76.11 6.35 0.00	76.59 6.26 0.00	72.27 5.66 0.00	134.06 4.86 -74.55	131.38 5.28 -67.38	138.35 6.49 -62.09	191.50 7.13 -109.31	175.69 6.81 -97.91	185.16 8.13 -106.34	196.71 8.19 -117.91	193.72 8.34 -114.69	206.36 8.56 -127.05	234.21 8.74 -153.87	169.31 8.84 -89.17	163.03 9.58 -78.62	153.02 8.53 -73.41	145.42 8.29 -66.28	127.86 7.85 -49.29	105.69 7.80 -26.95	114.99 7.50 -36.78
ISLIP_RES_REC 323679	93.32 7.77 -15.51	87.62 7.38 -10.55	81.88 6.98 -6.46	80.10 7.11 -3.31	80.10 7.12 -3.22	82.11 7.60 -4.18	89.28 7.33 -15.35	88.13 6.39 -27.09	89.15 7.10 -23.34	104.33 8.44 -26.12	117.90 9.00 -33.84	121.57 8.30 -42.31	125.09 8.06 -46.35	120.03 8.12 -41.31	117.25 8.55 -38.01	120.14 8.70 -40.68	131.77 9.02 -51.15	159.39 8.48 -79.61	154.16 9.13 -70.20	145.26 8.38 -65.80	138.82 7.79 -60.17	121.50 7.57 -43.21	104.32 8.01 -25.38	107.12 7.22 -29.19
JAMAICA__27_KV_LOAD 355505	74.52 4.48 0.00	73.87 4.18 0.00	72.34 3.90 0.00	73.59 3.90 0.00	73.67 3.91 0.00	74.76 4.43 0.00	71.13 4.53 0.00	66.13 4.32 -7.16	70.18 4.99 -6.48	89.50 6.28 -13.45	105.76 6.91 -23.80	112.27 6.67 -34.63	110.24 6.36 -33.19	105.49 6.43 -28.45	102.18 6.64 -24.85	104.93 6.65 -27.52	117.47 6.95 -38.92	148.79 6.77 -70.72	144.22 7.03 -62.35	135.70 6.40 -58.22	129.51 6.09 -52.56	115.70 5.87 -39.12	98.63 6.31 -21.39	105.49 5.59 -29.18
JANIS__SOLAR 323808	73.26 3.22 0.00	72.33 2.65 0.00	70.83 2.39 0.00	71.85 2.16 0.00	71.99 2.23 0.00	73.35 3.02 0.00	69.40 2.80 0.00	60.48 2.35 -3.49	64.51 2.64 -3.15	77.66 2.86 -5.03	87.54 3.60 -8.88	87.16 3.41 -12.79	86.35 3.39 -12.27	83.90 3.03 -10.25	83.65 3.67 -9.29	85.15 4.10 -10.29	90.02 4.65 -13.77	96.26 5.20 -19.76	97.86 5.61 -17.42	92.39 5.05 -16.26	90.22 4.68 -14.68	85.94 4.31 -10.91	81.01 4.11 -5.97	82.67 3.82 -8.14
JARVIS____ 23743	70.60 0.56 0.00	70.11 0.42 0.00	68.85 0.41 0.00	70.11 0.42 0.00	70.25 0.49 0.00	70.96 0.63 0.00	67.07 0.47 0.00	54.98 0.33 0.00	59.12 0.41 0.00	70.33 0.56 0.00	76.55 0.75 -0.74	71.72 0.71 -0.05	71.39 0.71 0.00	71.32 0.71 0.00	71.39 0.71 0.00	71.46 0.71 0.00	72.48 0.79 -0.08	72.09 0.79 0.00	75.65 0.82 0.00	71.79 0.71 0.00	71.57 0.71 0.00	71.35 0.64 0.00	71.64 0.71 0.00	71.35 0.64 0.00
JENNISON__1 23625	73.61 3.57 0.00	72.82 3.14 0.00	71.17 2.74 0.00	72.26 2.58 0.00	72.34 2.58 0.00	73.70 3.38 0.00	69.67 3.06 0.00	62.81 2.51 -5.65	66.69 2.88 -5.11	80.59 3.35 -7.48	92.53 4.28 -13.19	90.68 4.19 -15.53	90.49 4.17 -15.63	89.36 3.74 -15.01	88.81 4.31 -13.81	90.72 4.67 -15.30	96.65 5.08 -19.96	101.76 5.35 -25.12	102.74 5.76 -22.15	97.09 5.33 -20.68	94.48 4.96 -18.67	89.26 4.67 -13.87	82.92 4.40 -7.58	85.10 4.03 -10.35
JENNISON__2 23626	73.61 3.57 0.00	72.82 3.14 0.00	71.17 2.74 0.00	72.26 2.58 0.00	72.34 2.58 0.00	73.70 3.38 0.00	69.67 3.06 0.00	62.81 2.51 -5.65	66.69 2.88 -5.11	80.59 3.35 -7.48	92.53 4.28 -13.19	90.68 4.19 -15.53	90.49 4.17 -15.63	89.36 3.74 -15.01	88.81 4.31 -13.81	90.72 4.67 -15.30	96.65 5.08 -19.96	101.76 5.35 -25.12	102.74 5.76 -22.15	97.09 5.33 -20.68	94.48 4.96 -18.67	89.26 4.67 -13.87	82.92 4.40 -7.58	85.10 4.03 -10.35
JERICHO_RISE_WT_PWR 323719	68.64 -1.40 0.00	68.43 -1.25 0.00	67.07 -1.37 0.00	68.08 -1.60 0.00	68.02 -1.74 0.00	67.73 -2.60 0.00	64.34 -2.26 0.00	52.95 -1.69 0.00	56.71 -2.00 0.00	67.40 -2.37 0.00	58.86 -3.23 12.97	67.04 -3.05 0.87	67.86 -2.83 0.00	67.86 -2.75 0.00	67.93 -2.76 0.00	67.92 -2.83 0.00	66.77 -3.36 1.47	68.02 -3.28 0.00	71.24 -3.59 0.00	68.02 -3.05 0.00	68.24 -2.62 0.00	68.31 -2.40 0.00	68.31 -2.62 0.00	68.53 -2.19 0.00
KATONAH__115KV_46KV_TB4 355592	74.52 4.48 0.00	73.94 4.25 0.00	72.47 4.04 0.00	73.80 4.11 0.00	73.95 4.19 0.00	74.90 4.57 0.00	71.00 4.40 0.00	65.90 3.93 -7.32	69.79 4.46 -6.61	89.08 5.65 -13.66	105.99 6.76 -24.17	112.39 6.32 -35.11	110.43 6.08 -33.66	105.50 6.00 -28.89	102.36 6.43 -25.24	105.01 6.30 -27.96	117.62 6.52 -39.50	149.32 6.42 -71.61	144.55 6.58 -63.14	136.00 5.97 -58.95	129.82 5.74 -53.22	115.97 5.66 -39.60	98.40 5.82 -21.65	105.56 5.30 -29.54
KCE_NY_1 323755	74.03 3.99 0.00	73.51 3.83 0.00	72.06 3.62 0.00	73.58 3.90 0.00	73.88 4.11 0.00	74.55 4.22 0.00	70.40 3.79 0.00	131.70 3.33 -73.72	128.99 3.64 -66.64	135.75 4.47 -61.51	188.30 4.95 -108.29	172.82 4.68 -97.18	181.33 5.16 -105.48	192.61 5.15 -116.84	189.61 5.30 -113.62	201.92 5.31 -125.86	229.62 5.51 -152.50	165.73 5.42 -89.02	159.08 5.76 -78.49	149.62 5.26 -73.28	142.19 5.17 -66.16	124.95 5.02 -49.21	102.88 5.04 -26.91	112.31 4.88 -36.71
KCE_NY_6_ESR 323823	65.35 -4.69 0.00	64.39 -5.30 0.00	62.89 -5.54 0.00	63.83 -5.85 0.00	64.18 -5.58 0.00	65.68 -4.64 0.00	62.14 -4.46 0.00	50.38 -4.26 0.00	54.07 -4.64 0.00	65.82 -6.35 -2.40	72.84 -6.46 -4.24	63.89 -6.03 1.04	65.48 -5.72 -0.52	69.09 -6.56 -5.04	69.53 -5.59 -4.43	70.50 -5.16 -4.91	73.20 -5.08 -6.68	79.78 -3.63 -12.11	82.07 -3.44 -10.68	76.71 -4.34 -9.97	74.97 -4.89 -9.00	72.46 -4.95 -6.69	70.76 -3.83 -3.66	72.81 -2.90 -4.99
KEDC_PORT_JEFF_GT2 24210	93.03 7.42 -15.57	87.32 7.04 -10.60	81.56 6.64 -6.48	79.76 6.76 -3.32	79.76 6.76 -3.23	81.78 7.25 -4.20	89.01 6.99 -15.41	87.94 6.12 -27.17	88.93 6.81 -23.41	104.03 8.09 -26.17	116.84 8.63 -33.15	120.62 7.88 -41.78	123.85 7.71 -45.45	118.74 7.70 -40.43	115.93 8.13 -37.12	118.75 8.20 -39.79	130.44 8.52 -50.32	158.15 7.84 -79.01	153.10 8.60 -69.67	144.32 7.96 -65.28	137.87 7.37 -59.65	120.85 7.22 -42.91	103.62 7.59 -25.09	106.76 6.86 -29.19
KEDC_PORT_JEFF_GT3 24211	93.03 7.42 -15.57	87.32 7.04 -10.60	81.56 6.64 -6.48	79.76 6.76 -3.32	79.76 6.76 -3.23	81.78 7.25 -4.20	89.01 6.99 -15.41	87.94 6.12 -27.17	88.93 6.81 -23.41	104.03 8.09 -26.17	116.84 8.63 -33.15	120.62 7.88 -41.78	123.85 7.71 -45.45	118.74 7.70 -40.43	115.93 8.13 -37.12	118.75 8.20 -39.79	130.44 8.52 -50.32	158.15 7.84 -79.01	153.10 8.60 -69.67	144.32 7.96 -65.28	137.87 7.37 -59.65	120.85 7.22 -42.91	103.62 7.59 -25.09	106.76 6.86 -29.19
KEDC_GLWD_GT4 24219	83.88 5.39 -8.45	80.52 5.08 -5.75	76.81 4.86 -3.52	76.36 4.88 -1.80	76.47 4.95 -1.75	77.95 5.34 -2.28	80.10 5.13 -8.36	77.26 4.59 -18.02	79.54 5.17 -15.67	96.62 6.49 -20.36	144.57 7.58 -61.93	142.05 7.16 -63.92	160.67 7.00 -82.98	154.62 6.92 -77.08	152.56 7.21 -74.66	155.30 7.22 -77.32	164.24 7.45 -85.19	182.83 7.20 -104.33	174.34 7.48 -92.03	164.92 6.89 -86.95	158.89 6.59 -81.44	132.23 6.50 -55.01	114.49 6.67 -36.89	106.00 6.08 -29.20
KEDC_GLWD_GT5 24220	83.88 5.39 -8.45	80.52 5.08 -5.75	76.81 4.86 -3.52	76.36 4.88 -1.80	76.47 4.95 -1.75	77.95 5.34 -2.28	80.10 5.13 -8.36	77.26 4.59 -18.02	79.54 5.17 -15.67	96.62 6.49 -20.36	144.57 7.58 -61.93	142.05 7.16 -63.92	160.67 7.00 -82.98	154.62 6.92 -77.08	152.56 7.21 -74.66	155.30 7.22 -77.32	164.24 7.45 -85.19	182.83 7.20 -104.33	174.34 7.48 -92.03	164.92 6.89 -86.95	158.89 6.59 -81.44	132.23 6.50 -55.01	114.49 6.67 -36.89	106.00 6.08 -29.20

KENSICO____ 23655	74.17 4.13 0.00	73.52 3.83 0.00	72.06 3.63 0.00	73.38 3.69 0.00	73.46 3.70 0.00	74.41 4.08 0.00	70.53 3.93 0.00	65.41 3.61 -7.15	69.28 4.11 -6.46	88.43 5.23 -13.42	104.97 6.15 -23.75	111.42 5.89 -34.56	109.46 5.66 -33.12	104.66 5.65 -28.40	101.42 5.94 -24.80	104.10 5.87 -27.47	116.53 6.09 -38.84	147.79 5.92 -70.57	143.19 6.14 -62.22	134.79 5.62 -58.10	128.62 5.31 -52.45	115.06 5.30 -39.04	97.67 5.39 -21.35	104.79 4.95 -29.13
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	74.45 4.41 0.00	73.80 4.11 0.00	72.34 3.90 0.00	73.66 3.97 0.00	73.81 4.05 0.00	74.76 4.43 0.00	70.80 4.20 0.00	67.02 3.55 -8.83	70.74 4.05 -7.98	89.05 5.02 -14.25	106.04 5.78 -25.20	111.24 5.46 -34.81	109.73 5.30 -33.74	105.51 5.15 -29.74	102.53 5.51 -26.33	105.65 5.73 -29.16	118.23 6.16 -40.46	145.26 6.13 -67.82	140.84 6.21 -59.80	132.53 5.62 -55.84	126.65 5.39 -50.41	113.48 5.30 -37.46	96.80 5.39 -20.48	103.54 4.88 -27.95
KIAC_JFK_GT1 23816	74.31 4.27 0.00	73.59 3.90 0.00	72.06 3.63 0.00	73.38 3.69 0.00	73.39 3.63 0.00	74.48 4.15 0.00	70.87 4.26 0.00	65.91 4.10 -7.16	70.00 4.81 -6.48	89.22 6.00 -13.45	105.54 6.68 -23.80	111.98 6.39 -34.63	110.02 6.15 -33.19	105.21 6.14 -28.45	101.97 6.43 -24.85	104.72 6.44 -27.52	117.18 6.66 -38.92	148.51 6.49 -70.72	143.92 6.73 -62.35	135.41 6.11 -58.22	129.23 5.81 -52.56	115.42 5.59 -39.12	98.35 6.03 -21.39	105.21 5.30 -29.18
KIAC_JFK_GT2 23817	74.31 4.27 0.00	73.59 3.90 0.00	72.06 3.63 0.00	73.38 3.69 0.00	73.39 3.63 0.00	74.48 4.15 0.00	70.87 4.26 0.00	65.91 4.10 -7.16	70.00 4.81 -6.48	89.22 6.00 -13.45	105.54 6.68 -23.80	111.98 6.39 -34.63	110.02 6.15 -33.19	105.21 6.14 -28.45	101.97 6.43 -24.85	104.72 6.44 -27.52	117.18 6.66 -38.92	148.51 6.49 -70.72	143.92 6.73 -62.35	135.41 6.11 -58.22	129.23 5.81 -52.56	115.42 5.59 -39.12	98.35 6.03 -21.39	105.21 5.30 -29.18
KIAC_JFK____ 323774	74.31 4.27 0.00	73.58 3.90 0.00	72.06 3.62 0.00	73.38 3.69 0.00	73.39 3.63 0.00	74.48 4.15 0.00	70.87 4.27 0.00	65.91 4.10 -7.16	70.00 4.82 -6.48	89.29 6.07 -13.45	105.54 6.68 -23.80	111.99 6.39 -34.63	110.02 6.15 -33.19	105.21 6.14 -28.45	101.97 6.43 -24.85	104.72 6.44 -27.52	117.18 6.66 -38.92	148.51 6.49 -70.72	143.92 6.74 -62.35	135.41 6.11 -58.22	129.23 5.81 -52.56	115.42 5.59 -39.12	98.35 6.03 -21.39	105.21 5.31 -29.18
KINTIGH____ 23543	65.13 -4.90 0.00	64.32 -5.37 0.00	62.89 -5.54 0.00	63.83 -5.85 0.00	64.11 -5.65 0.00	65.55 -4.78 0.00	61.88 -4.73 0.00	50.28 -4.37 0.00	53.89 -4.81 0.00	65.23 -6.49 -1.95	72.50 -6.00 -3.45	66.63 -5.82 -1.49	66.78 -6.08 -2.17	69.36 -5.37 -4.11	68.21 -6.08 -3.60	68.94 -5.80 -3.99	72.69 -4.37 -5.46	78.14 -3.21 -10.05	80.70 -2.99 -8.86	75.51 -3.84 -8.27	73.86 -4.46 -7.47	71.88 -4.38 -5.55	70.56 -3.40 -3.03	72.24 -2.62 -4.14
KNTFSRNC_46_KV_46KV_LOAD 80397	69.90 -0.14 0.00	69.61 -0.07 0.00	68.09 -0.34 0.00	69.13 -0.56 0.00	69.13 -0.63 0.00	68.78 -1.55 0.00	65.14 -1.47 0.00	53.55 -1.09 0.00	57.42 -1.29 0.00	68.37 -1.40 0.00	59.64 -2.25 13.17	68.09 -1.99 0.89	68.92 -1.77 0.00	68.92 -1.69 0.00	68.92 -1.77 0.00	68.99 -1.77 0.00	67.82 -2.29 1.49	69.30 -2.00 0.00	72.58 -2.24 0.00	69.23 -1.85 0.00	69.51 -1.35 0.00	69.45 -1.27 0.00	69.44 -1.49 0.00	69.94 -0.78 0.00
LACHUTE__HYDRO 323717	75.99 5.95 0.00	75.33 5.64 0.00	73.78 5.34 0.00	75.40 5.72 0.00	76.11 6.35 0.00	76.58 6.26 0.00	72.26 5.66 0.00	134.06 4.86 -74.55	131.38 5.29 -67.38	138.35 6.49 -62.09	191.50 7.13 -109.31	175.69 6.81 -97.91	185.23 8.20 -106.34	196.71 8.19 -117.91	193.71 8.34 -114.69	206.36 8.56 -127.05	234.20 8.73 -153.87	169.38 8.91 -89.17	163.03 9.58 -78.62	153.01 8.53 -73.41	145.42 8.29 -66.28	127.86 7.85 -49.29	105.69 7.80 -26.95	114.99 7.49 -36.78
LAWRNCV_115KV_TB1 80681	69.13 -0.91 0.00	69.20 -0.49 0.00	67.82 -0.62 0.00	68.92 -0.77 0.00	68.64 -1.12 0.00	68.08 -2.25 0.00	64.47 -2.13 0.00	53.39 -1.26 0.00	57.01 -1.70 0.00	67.33 -2.44 0.00	61.24 -2.85 10.96	67.39 -2.84 0.74	67.79 -2.90 0.00	67.79 -2.82 0.00	67.72 -2.97 0.00	67.43 -3.33 0.00	66.78 -3.58 1.24	67.52 -3.78 0.00	71.01 -3.82 0.00	67.81 -3.27 0.00	68.02 -2.83 0.00	68.53 -2.19 0.00	68.81 -2.13 0.00	69.09 -1.63 0.00
LEDERLE____ 23769	73.82 3.78 0.00	73.17 3.48 0.00	71.79 3.35 0.00	73.17 3.48 0.00	73.25 3.49 0.00	74.13 3.80 0.00	70.27 3.66 0.00	64.88 3.39 -6.85	68.71 3.82 -6.19	87.64 4.95 -12.92	103.85 5.93 -22.86	109.87 5.68 -33.23	107.98 5.44 -31.85	103.30 5.37 -27.32	100.21 5.66 -23.86	102.85 5.66 -26.44	114.87 5.87 -37.40	145.09 5.70 -68.09	140.85 5.99 -60.04	132.61 5.47 -56.06	126.64 5.17 -50.61	113.38 5.16 -37.50	96.69 5.25 -20.51	103.44 4.74 -27.98
LIGHTRSE_115KV_TB6 355974	69.48 -0.56 0.00	68.85 -0.84 0.00	67.48 -0.96 0.00	68.57 -1.11 0.00	68.64 -1.12 0.00	69.48 -0.84 0.00	65.54 -1.07 0.00	53.77 -0.87 0.00	57.77 -0.94 0.00	68.72 -1.05 0.00	73.45 -0.68 0.93	71.57 -0.64 -1.25	70.97 -0.71 -0.99	70.19 -0.71 -0.28	70.05 -0.64 0.00	69.98 -0.78 0.00	71.82 -0.36 -0.57	76.18 -0.14 -5.02	79.18 -0.07 -4.43	75.00 -0.21 -4.13	74.09 -0.50 -3.73	73.07 -0.42 -2.77	72.09 -0.35 -1.52	72.22 -0.57 -2.07
LINDEN COGEN____ 23786	73.89 3.85 0.00	73.24 3.55 0.00	71.72 3.28 0.00	73.03 3.34 0.00	73.11 3.35 0.00	74.05 3.72 0.00	70.33 3.73 0.00	65.36 3.55 -7.16	69.23 4.05 -6.48	88.38 5.16 -13.45	105.09 6.23 -23.80	111.56 5.96 -34.63	109.60 5.72 -33.19	104.78 5.72 -28.45	101.54 6.01 -24.85	104.23 5.94 -27.52	116.68 6.16 -38.92	147.87 5.85 -70.72	143.24 6.06 -62.35	134.85 5.55 -58.22	128.66 5.24 -52.56	115.07 5.23 -39.12	97.71 5.39 -21.39	104.71 4.81 -29.18
LINDHRST_69_KV_BK1 356055	91.43 7.07 -14.32	86.12 6.69 -9.74	80.76 6.36 -5.96	79.22 6.48 -3.05	79.22 6.49 -2.97	81.15 6.96 -3.86	87.44 6.66 -14.17	86.06 5.85 -25.56	87.28 6.52 -22.05	103.08 8.16 -25.15	127.29 8.86 -43.37	129.21 8.30 -49.94	136.96 7.99 -58.29	131.63 8.05 -52.96	129.07 8.41 -49.97	131.87 8.49 -52.62	142.58 8.74 -62.24	167.38 8.41 -87.67	161.05 8.90 -77.32	152.13 8.17 -72.88	145.97 7.72 -67.39	126.35 7.57 -48.07	108.99 7.94 -30.12	107.12 7.21 -29.19
LIPA_MISC_IPP 23656	93.07 7.42 -15.61	87.28 6.97 -10.62	81.51 6.57 -6.50	79.63 6.62 -3.33	79.70 6.70 -3.24	81.64 7.10 -4.21	88.98 6.93 -15.45	87.93 6.07 -27.22	88.86 6.69 -23.45	104.28 8.30 -26.20	116.53 8.63 -32.84	120.38 7.88 -41.54	123.30 7.56 -45.05	118.28 7.63 -40.04	115.53 8.13 -36.72	118.35 8.21 -39.39	130.07 8.52 -49.95	158.09 8.06 -78.74	152.86 8.61 -69.43	144.09 7.96 -65.05	137.57 7.30 -59.41	120.64 7.14 -42.78	103.48 7.59 -24.96	106.77 6.86 -29.19
LISF__SOLAR 323691	93.20 7.57 -15.60	87.41 7.11 -10.61	81.64 6.71 -6.50	79.77 6.76 -3.33	79.84 6.84 -3.24	81.78 7.25 -4.21	89.10 7.06 -15.44	88.02 6.17 -27.20	88.96 6.81 -23.44	104.05 8.09 -26.19	116.65 8.63 -32.96	120.47 7.88 -41.63	123.60 7.71 -45.21	118.57 7.77 -40.19	115.75 8.20 -36.87	118.65 8.35 -39.54	130.35 8.66 -50.09	158.34 8.20 -78.84	153.10 8.75 -69.52	144.32 8.10 -65.14	137.80 7.44 -59.50	120.84 7.29 -42.83	103.61 7.66 -25.01	106.84 6.93 -29.19

LITTLE FALLS___HYD 24013	72.77 2.73 0.00	72.33 2.65 0.00	70.90 2.46 0.00	72.12 2.44 0.00	72.20 2.44 0.00	72.93 2.60 0.00	68.87 2.26 0.00	56.45 1.80 0.00	60.71 2.00 0.00	72.28 2.51 0.00	78.80 3.00 -0.74	73.92 2.91 -0.05	73.59 2.90 0.00	73.51 2.90 0.00	73.73 3.04 0.00	73.80 3.04 0.00	74.91 3.22 -0.08	74.51 3.21 0.00	78.20 3.37 0.00	74.13 3.06 0.00	73.69 2.83 0.00	73.33 2.62 0.00	73.63 2.70 0.00	73.26 2.55 0.00
LITTLRIV_115KV_TB1 356100	69.97 -0.07 0.00	70.03 0.35 0.00	68.57 0.14 0.00	69.61 -0.07 0.00	69.34 -0.42 0.00	68.85 -1.48 0.00	65.21 -1.40 0.00	53.99 -0.66 0.00	57.65 -1.06 0.00	68.03 -1.74 0.00	62.23 -2.10 10.72	68.11 -2.13 0.72	68.50 -2.19 0.00	68.42 -2.19 0.00	68.43 -2.26 0.00	68.21 -2.55 0.00	67.60 -2.79 1.21	68.38 -2.92 0.00	71.83 -2.99 0.00	68.59 -2.49 0.00	68.87 -1.98 0.00	69.37 -1.34 0.00	69.51 -1.42 0.00	69.73 -0.99 0.00
LI_NEWBRDGE___DRP 323616	91.98 5.67 -16.27	86.12 5.37 -11.07	80.34 5.13 -6.77	78.38 5.23 -3.47	78.37 5.23 -3.38	80.34 5.63 -4.39	88.10 5.40 -16.10	87.52 4.81 -28.07	88.22 5.34 -24.17	103.21 6.70 -26.74	109.03 7.51 -26.46	114.67 7.10 -36.61	114.32 6.86 -36.77	109.41 6.85 -31.95	106.26 7.14 -28.43	108.94 7.08 -31.11	121.23 7.38 -42.25	151.51 7.06 -73.15	146.81 7.48 -64.50	138.23 6.89 -60.25	132.03 6.59 -54.58	117.34 6.58 -40.04	100.10 6.88 -22.29	106.13 6.22 -29.18
LOCKPORT_115KV_TB60_63_64 80432	64.50 -5.53 0.00	63.62 -6.06 0.00	62.07 -6.36 0.00	62.99 -6.69 0.00	63.27 -6.49 0.00	64.84 -5.49 0.00	61.28 -5.33 0.00	49.67 -4.97 0.00	53.25 -5.46 0.00	64.44 -7.47 -2.14	71.41 -7.43 -3.78	65.14 -6.32 -0.49	65.77 -6.43 -1.52	68.19 -6.92 -4.50	67.64 -7.00 -3.95	68.55 -6.58 -4.37	71.92 -5.66 -5.97	78.01 -4.21 -10.92	80.41 -4.04 -9.62	75.09 -4.98 -8.99	73.30 -5.67 -8.11	71.16 -5.59 -6.03	69.83 -4.40 -3.30	71.75 -3.47 -4.50
LOCKPORT___CC1 323769	64.50 -5.53 0.00	63.62 -6.06 0.00	62.07 -6.36 0.00	62.99 -6.69 0.00	63.27 -6.49 0.00	64.84 -5.49 0.00	61.27 -5.33 0.00	49.62 -5.03 0.00	53.19 -5.52 0.00	64.46 -7.46 -2.16	71.37 -7.51 -3.81	64.64 -6.46 -0.13	65.65 -6.29 -1.26	68.16 -6.99 -4.54	67.67 -7.00 -3.98	68.59 -6.58 -4.41	71.89 -5.73 -6.02	78.09 -4.21 -11.00	80.49 -4.04 -9.70	75.09 -5.04 -9.06	73.51 -5.53 -8.18	71.13 -5.66 -6.07	69.86 -4.40 -3.32	71.79 -3.46 -4.53
LOCKPORT___CC2 323770	64.50 -5.53 0.00	63.62 -6.06 0.00	62.07 -6.36 0.00	62.99 -6.69 0.00	63.27 -6.49 0.00	64.84 -5.49 0.00	61.27 -5.33 0.00	49.62 -5.03 0.00	53.19 -5.52 0.00	64.46 -7.46 -2.16	71.37 -7.51 -3.81	64.64 -6.46 -0.13	65.65 -6.29 -1.26	68.16 -6.99 -4.54	67.67 -7.00 -3.98	68.59 -6.58 -4.41	71.89 -5.73 -6.02	78.09 -4.21 -11.00	80.49 -4.04 -9.70	75.09 -5.04 -9.06	73.51 -5.53 -8.18	71.13 -5.66 -6.07	69.86 -4.40 -3.32	71.79 -3.46 -4.53
LOCKPORT___CC3 323771	64.50 -5.53 0.00	63.62 -6.06 0.00	62.07 -6.36 0.00	62.99 -6.69 0.00	63.27 -6.49 0.00	64.84 -5.49 0.00	61.27 -5.33 0.00	49.62 -5.03 0.00	53.19 -5.52 0.00	64.46 -7.46 -2.16	71.37 -7.51 -3.81	64.64 -6.46 -0.13	65.65 -6.29 -1.26	68.16 -6.99 -4.54	67.67 -7.00 -3.98	68.59 -6.58 -4.41	71.89 -5.73 -6.02	78.09 -4.21 -11.00	80.49 -4.04 -9.70	75.09 -5.04 -9.06	73.51 -5.53 -8.18	71.13 -5.66 -6.07	69.86 -4.40 -3.32	71.79 -3.46 -4.53
LONG_LAKE_PHOENIX 24014	68.43 -1.61 0.00	67.80 -1.88 0.00	66.52 -1.92 0.00	67.73 -1.95 0.00	67.81 -1.95 0.00	68.71 -1.62 0.00	64.87 -1.73 0.00	53.17 -1.48 0.00	57.18 -1.53 0.00	67.96 -1.81 0.00	73.35 -1.73 -0.01	70.84 -1.56 -1.44	70.15 -1.63 -1.09	69.37 -1.55 -0.31	69.13 -1.56 0.00	69.20 -1.56 0.00	71.06 -1.29 -0.75	75.76 -1.07 -5.53	78.65 -1.05 -4.87	74.42 -1.21 -4.55	73.55 -1.42 -4.11	72.29 -1.49 -3.05	71.18 -1.42 -1.67	71.58 -1.41 -2.28
LOVETT___3 23632	73.47 3.43 0.00	72.89 3.21 0.00	71.52 3.08 0.00	72.82 3.14 0.00	72.90 3.14 0.00	73.84 3.52 0.00	70.00 3.40 0.00	64.64 3.11 -6.88	68.50 3.58 -6.21	87.41 4.67 -12.97	103.64 5.63 -22.95	109.71 5.39 -33.35	107.81 5.16 -31.97	103.19 5.15 -27.43	100.02 5.37 -23.96	102.67 5.38 -26.54	114.73 5.59 -37.54	145.06 5.42 -68.34	140.70 5.61 -60.26	132.53 5.19 -56.26	126.54 4.89 -50.79	113.16 4.81 -37.63	96.47 4.97 -20.58	103.25 4.46 -28.08
LOVETT___4 23642	73.47 3.43 0.00	72.89 3.21 0.00	71.52 3.08 0.00	72.82 3.14 0.00	72.90 3.14 0.00	73.84 3.52 0.00	70.00 3.40 0.00	64.64 3.11 -6.88	68.50 3.58 -6.21	87.41 4.67 -12.97	103.64 5.63 -22.95	109.71 5.39 -33.35	107.81 5.16 -31.97	103.19 5.15 -27.43	100.02 5.37 -23.96	102.67 5.38 -26.54	114.73 5.59 -37.54	145.06 5.42 -68.34	140.70 5.61 -60.26	132.53 5.19 -56.26	126.54 4.89 -50.79	113.16 4.81 -37.63	96.47 4.97 -20.58	103.25 4.46 -28.08
LOVETT___5 23593	73.47 3.43 0.00	72.89 3.21 0.00	71.52 3.08 0.00	72.82 3.14 0.00	72.90 3.14 0.00	73.84 3.52 0.00	70.00 3.40 0.00	64.64 3.11 -6.88	68.50 3.58 -6.21	87.41 4.67 -12.97	103.64 5.63 -22.95	109.71 5.39 -33.35	107.81 5.16 -31.97	103.19 5.15 -27.43	100.02 5.37 -23.96	102.67 5.38 -26.54	114.73 5.59 -37.54	145.06 5.42 -68.34	140.70 5.61 -60.26	132.53 5.19 -56.26	126.54 4.89 -50.79	113.16 4.81 -37.63	96.47 4.97 -20.58	103.25 4.46 -28.08
LOWER RAQUET___HYD 24057	69.06 -0.98 0.00	69.12 -0.56 0.00	67.75 -0.68 0.00	68.85 -0.83 0.00	68.51 -1.25 0.00	67.86 -2.46 0.00	64.21 -2.40 0.00	53.17 -1.47 0.00	56.71 -2.00 0.00	66.98 -2.79 0.00	61.48 -3.08 10.50	67.21 -3.05 0.71	67.58 -3.11 0.00	67.58 -3.03 0.00	67.51 -3.18 0.00	67.07 -3.68 0.00	66.55 -3.87 1.19	67.24 -4.06 0.00	70.71 -4.12 0.00	67.53 -3.55 0.00	67.67 -3.19 0.00	68.39 -2.33 0.00	68.73 -2.20 0.00	69.02 -1.70 0.00
LOWER___HUDSON 24059	73.68 3.64 0.00	73.10 3.41 0.00	71.72 3.28 0.00	73.17 3.48 0.00	73.39 3.63 0.00	74.12 3.80 0.00	70.00 3.39 0.00	121.67 3.22 -63.80	119.96 3.58 -57.67	128.69 4.40 -54.52	176.02 4.95 -96.01	164.01 4.68 -88.36	170.54 4.66 -95.18	179.26 4.59 -104.06	176.14 4.74 -100.71	186.99 4.67 -111.57	212.57 4.87 -136.10	163.21 4.49 -87.41	156.62 4.72 -77.07	147.45 4.41 -71.96	140.15 4.32 -64.97	123.36 4.31 -48.33	101.76 4.40 -26.43	111.02 4.24 -36.06
LOWVILLE_115KV_TB2 356335	71.51 1.47 0.00	71.01 1.32 0.00	69.46 1.03 0.00	70.52 0.84 0.00	70.53 0.77 0.00	71.31 0.98 0.00	67.40 0.80 0.00	55.47 0.82 0.00	59.59 0.88 0.00	70.68 0.91 0.00	73.89 1.35 2.52	72.66 1.21 -0.49	72.25 1.06 -0.50	71.74 0.99 -0.14	71.89 1.20 0.00	72.03 1.27 0.00	73.23 1.58 -0.05	75.47 1.64 -2.53	78.78 1.72 -2.23	74.79 1.63 -2.08	74.22 1.49 -1.88	73.60 1.49 -1.39	72.97 1.28 -0.76	72.82 1.06 -1.04
LUTHERFT_115KV_GLOB_FND_222 355753	74.03 3.99 0.00	73.45 3.76 0.00	72.06 3.63 0.00	73.52 3.83 0.00	73.81 4.05 0.00	74.48 4.15 0.00	70.33 3.73 0.00	131.65 3.28 -73.72	128.93 3.58 -66.64	135.67 4.40 -61.51	188.23 4.88 -108.29	172.82 4.68 -97.18	181.26 5.09 -105.48	192.54 5.08 -116.84	189.53 5.23 -113.62	201.92 5.31 -125.86	229.54 5.44 -152.50	165.66 5.35 -89.02	159.00 5.69 -78.49	149.55 5.19 -73.28	142.12 5.10 -66.16	124.88 4.95 -49.21	102.80 4.97 -26.91	112.24 4.81 -36.71

LUTHERNY_35_KV_BK2 355980	74.03 3.99 0.00	73.52 3.83 0.00	72.06 3.63 0.00	73.59 3.90 0.00	73.88 4.12 0.00	74.55 4.22 0.00	70.40 3.80 0.00	131.70 3.33 -73.72	128.99 3.64 -66.64	135.67 4.40 -61.51	188.30 4.95 -108.29	172.82 4.68 -97.18	181.33 5.16 -105.48	192.61 5.15 -116.84	189.60 5.30 -113.62	201.92 5.31 -125.86	229.62 5.51 -152.50	165.74 5.42 -89.02	159.08 5.76 -78.49	149.62 5.26 -73.28	142.12 5.10 -66.16	124.95 5.02 -49.21	102.88 5.04 -26.91	112.31 4.88 -36.71
LWR___OSWEGATCHIE_HYD 23850	69.83 -0.21 0.00	69.55 -0.14 0.00	68.09 -0.34 0.00	69.13 -0.56 0.00	68.99 -0.77 0.00	69.06 -1.27 0.00	65.21 -1.40 0.00	53.83 -0.82 0.00	57.65 -1.06 0.00	68.31 -1.47 0.00	66.77 -1.35 6.94	69.56 -1.42 -0.02	69.50 -1.56 -0.37	69.16 -1.55 -0.11	69.20 -1.48 0.00	69.06 -1.70 0.00	69.42 -1.65 0.54	71.52 -1.64 -1.86	74.82 -1.65 -1.64	71.19 -1.42 -1.53	70.96 -1.28 -1.38	70.90 -0.85 -1.03	70.57 -0.92 -0.56	70.64 -0.85 -0.77
LYONS_FALL_HYD 23570	71.79 1.75 0.00	71.29 1.60 0.00	69.73 1.30 0.00	70.80 1.11 0.00	70.87 1.11 0.00	71.73 1.41 0.00	67.81 1.20 0.00	55.74 1.09 0.00	59.94 1.23 0.00	71.17 1.39 0.00	75.55 1.88 1.39	73.27 1.77 -0.53	72.79 1.63 -0.47	72.30 1.55 -0.14	72.38 1.69 0.00	72.53 1.77 0.00	73.77 2.00 -0.17	75.76 2.07 -2.40	79.11 2.17 -2.11	75.04 1.99 -1.97	74.48 1.84 -1.78	73.88 1.84 -1.32	73.29 1.63 -0.72	73.12 1.41 -0.99
MADISON___COUNTY_LFGE 323628	72.28 2.24 0.00	71.64 1.95 0.00	70.21 1.78 0.00	71.36 1.67 0.00	71.50 1.74 0.00	72.58 2.25 0.00	68.60 2.00 0.00	56.29 1.64 0.00	60.59 1.88 0.00	71.86 2.09 0.00	77.70 2.63 -0.01	74.58 2.48 -1.13	73.94 2.40 -0.85	73.19 2.33 -0.24	73.30 2.62 0.00	73.45 2.69 0.00	75.05 2.86 -0.58	78.48 2.85 -4.33	81.71 3.07 -3.81	77.34 2.70 -3.56	76.55 2.48 -3.22	75.51 2.40 -2.39	74.51 2.27 -1.31	74.62 2.12 -1.78
MALONE___115KV_TB1 356076	69.69 -0.35 0.00	69.55 -0.14 0.00	68.09 -0.34 0.00	69.13 -0.56 0.00	68.99 -0.77 0.00	68.57 -1.76 0.00	65.21 -1.40 0.00	53.77 -0.87 0.00	57.53 -1.17 0.00	68.51 -1.26 0.00	60.68 -2.03 12.35	68.29 -1.85 0.83	68.99 -1.70 0.00	68.92 -1.69 0.00	68.92 -1.77 0.00	68.92 -1.84 0.00	67.84 -2.36 1.40	69.23 -2.07 0.00	72.58 -2.24 0.00	69.16 -1.92 0.00	69.51 -1.35 0.00	69.59 -1.13 0.00	69.66 -1.28 0.00	69.87 -0.85 0.00
MAPLEWOD_115KV_TB3 80458	73.40 3.36 0.00	72.82 3.14 0.00	71.52 3.08 0.00	72.96 3.28 0.00	73.18 3.42 0.00	73.84 3.52 0.00	69.67 3.06 0.00	110.88 3.01 -53.23	110.11 3.29 -48.11	120.94 4.05 -47.12	162.80 4.73 -83.01	154.77 4.47 -79.34	159.51 4.31 -84.51	165.43 4.24 -90.58	161.98 4.24 -87.05	171.29 4.10 -96.43	194.70 4.22 -118.87	161.84 3.64 -86.90	155.42 3.97 -76.62	146.25 3.62 -71.54	139.20 3.76 -64.59	122.52 3.75 -48.05	101.04 3.83 -26.27	110.39 3.82 -35.85
MAPLE_RIDGE_WT_1 323574	67.79 -2.24 0.00	67.66 -2.02 0.00	66.45 -1.99 0.00	67.66 -2.02 0.00	67.67 -2.09 0.00	67.94 -2.39 0.00	64.47 -2.13 0.00	52.95 -1.69 0.00	56.83 -1.88 0.00	67.53 -2.24 0.00	49.70 -2.63 22.73	66.95 -2.49 1.53	68.21 -2.48 0.00	68.28 -2.33 0.00	68.36 -2.33 0.00	68.42 -2.33 0.00	66.67 -2.36 2.58	69.66 -1.64 0.00	73.18 -1.65 0.00	69.66 -1.42 0.00	69.58 -1.27 0.00	69.52 -1.20 0.00	69.80 -1.14 0.00	69.73 -0.99 0.00
MAPLE_RIDGE_WT_2 323611	67.79 -2.24 0.00	67.66 -2.02 0.00	66.45 -1.99 0.00	67.66 -2.02 0.00	67.67 -2.09 0.00	67.94 -2.39 0.00	64.47 -2.13 0.00	52.95 -1.69 0.00	56.83 -1.88 0.00	67.53 -2.24 0.00	49.70 -2.63 22.73	66.95 -2.49 1.53	68.21 -2.48 0.00	68.28 -2.33 0.00	68.36 -2.33 0.00	68.42 -2.33 0.00	66.67 -2.36 2.58	69.66 -1.64 0.00	73.18 -1.65 0.00	69.66 -1.42 0.00	69.58 -1.27 0.00	69.52 -1.20 0.00	69.80 -1.14 0.00	69.73 -0.99 0.00
MARBLE_RIVER_WT_PWR 323696	68.78 -1.26 0.00	68.57 -1.12 0.00	67.13 -1.30 0.00	68.22 -1.47 0.00	68.16 -1.60 0.00	67.86 -2.46 0.00	64.41 -2.20 0.00	53.01 -1.64 0.00	56.77 -1.94 0.00	67.47 -2.30 0.00	58.67 -3.15 13.24	67.16 -2.91 0.89	68.00 -2.69 0.00	68.00 -2.61 0.00	68.07 -2.61 0.00	68.14 -2.62 0.00	66.96 -3.15 1.50	68.24 -3.06 0.00	71.46 -3.37 0.00	68.23 -2.85 0.00	68.37 -2.48 0.00	68.45 -2.27 0.00	68.45 -2.48 0.00	68.74 -1.98 0.00
MARSHVLE_115KV_TB1 80742	74.31 4.27 0.00	73.73 4.04 0.00	72.20 3.76 0.00	73.73 4.04 0.00	74.09 4.33 0.00	74.83 4.50 0.00	70.73 4.13 0.00	125.46 3.39 -67.43	123.18 3.52 -60.95	129.75 3.77 -56.21	178.11 4.05 -99.00	168.23 3.62 -93.64	174.28 3.53 -100.05	182.18 3.74 -107.82	178.47 3.96 -103.83	190.72 4.95 -115.01	218.78 5.30 -141.88	176.86 5.63 -99.93	169.07 6.14 -88.11	158.82 5.47 -82.27	150.30 5.17 -74.27	130.75 4.81 -55.22	105.95 4.82 -30.20	116.38 4.46 -41.20
MARSH_HILL_WT_PWR 323713	66.61 -3.43 0.00	65.43 -4.25 0.00	64.13 -4.31 0.00	65.16 -4.53 0.00	65.44 -4.33 0.00	66.95 -3.37 0.00	63.61 -3.00 0.00	53.82 -2.62 -1.79	57.34 -2.99 -1.62	68.50 -4.33 -3.05	76.40 -4.05 -5.40	97.87 -3.69 -30.60	91.89 -3.32 -24.52	73.34 -3.67 -6.40	74.00 -2.33 -5.64	75.52 -1.49 -6.25	79.18 -1.15 -8.72	86.50 0.14 -15.06	88.48 0.38 -13.28	82.98 -0.49 -12.40	80.78 -1.27 -11.19	77.27 -1.77 -8.32	73.99 -1.49 -4.55	75.93 -0.99 -6.20
MCINTYRE_115KV_TB2 80467	70.39 0.35 0.00	70.45 0.77 0.00	69.05 0.62 0.00	70.10 0.42 0.00	69.90 0.14 0.00	69.48 -0.84 0.00	66.07 -0.53 0.00	54.65 0.00 0.00	58.30 -0.41 0.00	68.79 -0.98 0.00	62.55 -1.43 11.09	68.66 -1.56 0.75	69.06 -1.63 0.00	68.99 -1.62 0.00	69.06 -1.63 0.00	68.99 -1.77 0.00	68.34 -2.00 1.25	69.16 -2.14 0.00	72.66 -2.17 0.00	69.44 -1.63 0.00	69.65 -1.20 0.00	69.94 -0.78 0.00	70.01 -0.92 0.00	70.15 -0.57 0.00
MECO_____69_KV_BK1 80468	75.99 5.95 0.00	75.40 5.71 0.00	73.84 5.41 0.00	75.40 5.71 0.00	75.90 6.14 0.00	76.52 6.19 0.00	72.33 5.73 0.00	131.67 4.65 -72.38	129.06 4.93 -65.42	135.31 5.51 -60.03	186.69 5.93 -105.71	173.69 5.46 -97.26	180.91 5.44 -104.78	190.75 5.58 -114.56	187.37 5.80 -110.88	200.17 6.58 -122.83	228.77 7.02 -150.15	174.75 7.27 -96.18	167.56 7.93 -84.80	157.37 7.11 -79.18	149.22 6.87 -71.49	130.38 6.51 -53.15	106.52 6.53 -29.06	116.53 6.15 -39.66
MENANDS___115KV_TB5 355628	73.19 3.15 0.00	72.61 2.93 0.00	71.31 2.87 0.00	72.75 3.07 0.00	72.90 3.14 0.00	73.63 3.31 0.00	69.47 2.86 0.00	108.74 2.84 -51.25	108.20 3.17 -46.32	119.42 3.91 -45.74	160.14 4.50 -80.58	152.92 4.33 -77.63	157.28 4.10 -82.50	162.69 4.02 -88.05	159.14 3.96 -84.49	168.18 3.82 -93.60	191.11 3.87 -115.64	161.30 3.28 -86.72	154.81 3.52 -76.46	145.74 3.27 -71.39	138.71 3.40 -64.45	122.13 3.47 -47.95	100.70 3.55 -26.22	110.03 3.54 -35.77
MG INDUSTRY___DRP 24185	73.05 3.01 0.00	72.54 2.86 0.00	71.24 2.81 0.00	72.68 3.00 0.00	72.90 3.14 0.00	73.56 3.24 0.00	69.27 2.66 0.00	86.11 2.08 -29.39	87.56 2.29 -26.57	103.02 2.79 -30.45	132.07 3.30 -53.71	132.92 3.19 -58.76	134.08 3.11 -60.28	133.88 3.11 -60.16	129.98 3.04 -56.25	136.04 2.97 -62.32	154.56 3.01 -79.95	159.14 2.92 -84.91	152.84 3.14 -74.87	143.90 2.91 -69.91	136.94 2.98 -63.11	120.62 2.97 -46.93	99.65 3.05 -25.66	108.85 3.11 -35.02

MID___OSWEGATCHIE_HYD 23849	69.83 -0.21 0.00	69.55 -0.14 0.00	68.09 -0.34 0.00	69.13 -0.56 0.00	68.99 -0.77 0.00	69.06 -1.27 0.00	65.21 -1.40 0.00	53.83 -0.82 0.00	57.65 -1.06 0.00	68.31 -1.47 0.00	66.77 -1.35 6.94	69.56 -1.42 -0.02	69.50 -1.56 -0.37	69.16 -1.55 -0.11	69.20 -1.48 0.00	69.06 -1.70 0.00	69.42 -1.65 0.54	71.52 -1.64 -1.86	74.82 -1.65 -1.64	71.19 -1.42 -1.53	70.96 -1.28 -1.38	70.90 -0.85 -1.03	70.57 -0.92 -0.56	70.64 -0.85 -0.77
MID___RAQUETTE_HYD 23851	69.06 -0.98 0.00	69.13 -0.56 0.00	67.75 -0.68 0.00	68.85 -0.84 0.00	68.50 -1.26 0.00	67.87 -2.46 0.00	64.21 -2.40 0.00	53.17 -1.48 0.00	56.71 -2.00 0.00	67.05 -2.72 0.00	61.49 -3.08 10.50	67.21 -3.05 0.71	67.58 -3.11 0.00	67.58 -3.04 0.00	67.51 -3.18 0.00	67.15 -3.61 0.00	66.55 -3.87 1.19	67.24 -4.06 0.00	70.71 -4.12 0.00	67.52 -3.55 0.00	67.74 -3.12 0.00	68.38 -2.33 0.00	68.73 -2.20 0.00	69.02 -1.70 0.00
MILLIKEN___1 23584	71.37 1.33 0.00	70.59 0.91 0.00	69.26 0.82 0.00	70.45 0.77 0.00	70.60 0.84 0.00	71.73 1.41 0.00	67.80 1.20 0.00	57.62 1.04 -1.94	61.63 1.17 -1.75	74.13 1.19 -3.17	82.16 1.50 -5.60	81.98 1.56 -9.46	81.03 1.56 -8.78	78.63 1.41 -6.61	78.24 1.70 -5.85	79.15 1.91 -6.48	82.88 2.29 -8.98	89.00 2.71 -14.99	91.04 2.99 -13.22	85.91 2.49 -12.34	84.12 2.13 -11.14	80.98 1.98 -8.28	77.45 1.99 -4.53	78.80 1.91 -6.18
MILLIKEN___2 23585	71.37 1.33 0.00	70.59 0.91 0.00	69.26 0.82 0.00	70.45 0.77 0.00	70.60 0.84 0.00	71.73 1.41 0.00	67.80 1.20 0.00	57.62 1.04 -1.94	61.63 1.17 -1.75	74.13 1.19 -3.17	82.16 1.50 -5.60	81.98 1.56 -9.46	81.03 1.56 -8.78	78.63 1.41 -6.61	78.24 1.70 -5.85	79.15 1.91 -6.48	82.88 2.29 -8.98	89.00 2.71 -14.99	91.04 2.99 -13.22	85.91 2.49 -12.34	84.12 2.13 -11.14	80.98 1.98 -8.28	77.45 1.99 -4.53	78.80 1.91 -6.18
MILLIKEN___DIESEL 23629	71.37 1.33 0.00	70.59 0.91 0.00	69.26 0.82 0.00	70.45 0.77 0.00	70.60 0.84 0.00	71.73 1.41 0.00	67.80 1.20 0.00	57.62 1.04 -1.94	61.63 1.17 -1.75	74.13 1.19 -3.17	82.16 1.50 -5.60	81.98 1.56 -9.46	81.03 1.56 -8.78	78.63 1.41 -6.61	78.24 1.70 -5.85	79.15 1.91 -6.48	82.88 2.29 -8.98	89.00 2.71 -14.99	91.04 2.99 -13.22	85.91 2.49 -12.34	84.12 2.13 -11.14	80.98 1.98 -8.28	77.45 1.99 -4.53	78.80 1.91 -6.18
MILLSEAT___LFGE 323607	66.05 -3.99 0.00	65.16 -4.53 0.00	63.51 -4.93 0.00	64.32 -5.36 0.00	64.67 -5.09 0.00	66.25 -4.08 0.00	62.68 -3.93 0.00	51.04 -3.61 0.00	54.66 -4.05 0.00	66.25 -5.58 -2.07	73.16 -5.55 -3.66	67.49 -4.54 -1.07	68.15 -4.45 -1.91	69.88 -5.08 -4.36	69.20 -5.30 -3.82	70.03 -4.95 -4.23	73.66 -3.73 -5.78	79.68 -2.21 -10.59	82.22 -1.95 -9.34	76.74 -3.05 -8.72	75.19 -3.54 -7.87	72.82 -3.75 -5.85	71.44 -2.70 -3.20	73.10 -1.98 -4.36
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	74.03 3.99 0.00	73.38 3.69 0.00	71.93 3.49 0.00	73.24 3.55 0.00	73.32 3.56 0.00	74.27 3.94 0.00	70.40 3.80 0.00	65.27 3.50 -7.12	69.14 3.99 -6.44	88.17 5.02 -13.37	104.72 6.00 -23.66	111.14 5.75 -34.43	109.19 5.51 -32.99	104.34 5.44 -28.29	101.12 5.73 -24.70	103.85 5.73 -27.36	116.24 5.94 -38.69	147.30 5.70 -70.30	142.80 5.99 -61.98	134.43 5.47 -57.87	128.28 5.17 -52.25	114.76 5.16 -38.88	97.44 5.25 -21.26	104.54 4.81 -29.01
MILLWOOD_13_KV_LOAD 356217	74.17 4.13 0.00	73.52 3.83 0.00	72.06 3.63 0.00	73.38 3.69 0.00	73.46 3.70 0.00	74.41 4.08 0.00	70.53 3.93 0.00	65.38 3.61 -7.12	69.26 4.11 -6.44	88.31 5.16 -13.37	104.95 6.23 -23.66	111.28 5.89 -34.43	109.33 5.66 -32.99	104.55 5.65 -28.29	101.33 5.94 -24.70	103.99 5.87 -27.36	116.38 6.09 -38.69	147.52 5.92 -70.30	142.95 6.14 -61.98	134.57 5.62 -57.87	128.42 5.31 -52.25	114.90 5.30 -38.88	97.58 5.39 -21.26	104.68 4.95 -29.01
MODEL_CITY_ENERGY 24167	63.80 -6.23 0.00	62.93 -6.76 0.00	61.39 -7.05 0.00	62.30 -7.39 0.00	62.64 -7.12 0.00	64.14 -6.19 0.00	60.61 -5.99 0.00	49.07 -5.57 0.00	52.60 -6.11 0.00	63.65 -8.30 -2.18	70.59 -8.33 -3.86	64.45 -6.88 -0.37	65.48 -6.65 -1.44	67.44 -7.77 -4.60	66.87 -7.85 -4.03	67.72 -7.50 -4.47	71.18 -6.52 -6.10	77.37 -5.06 -11.13	79.70 -4.94 -9.81	74.34 -5.90 -9.16	72.75 -6.38 -8.27	70.43 -6.43 -6.14	69.04 -5.25 -3.36	70.99 -4.32 -4.58
MODERN_LFGE___ 323580	63.80 -6.23 0.00	62.93 -6.76 0.00	61.39 -7.05 0.00	62.30 -7.39 0.00	62.64 -7.12 0.00	64.14 -6.19 0.00	60.61 -5.99 0.00	49.07 -5.57 0.00	52.60 -6.11 0.00	63.65 -8.30 -2.18	70.59 -8.33 -3.86	64.45 -6.88 -0.37	65.48 -6.65 -1.44	67.44 -7.77 -4.60	66.87 -7.85 -4.03	67.72 -7.50 -4.47	71.18 -6.52 -6.10	77.37 -5.06 -11.13	79.70 -4.94 -9.81	74.34 -5.90 -9.16	72.75 -6.38 -8.27	70.43 -6.43 -6.14	69.04 -5.25 -3.36	70.99 -4.32 -4.58
MOHAWK_PAPER___DRP 24187	73.40 3.36 0.00	72.82 3.14 0.00	71.52 3.08 0.00	72.96 3.28 0.00	73.18 3.42 0.00	73.84 3.52 0.00	69.67 3.06 0.00	110.88 3.01 -53.23	110.11 3.29 -48.11	120.94 4.05 -47.12	162.80 4.73 -83.01	154.77 4.47 -79.34	159.51 4.31 -84.51	165.43 4.24 -90.58	161.98 4.24 -87.05	171.29 4.10 -96.43	194.70 4.22 -118.87	161.84 3.64 -86.90	155.42 3.97 -76.62	146.25 3.62 -71.54	139.20 3.76 -64.59	122.52 3.75 -48.05	101.04 3.83 -26.27	110.39 3.82 -35.85
MOHICAN___35_KV_115KV_LD 80490	73.89 3.85 0.00	73.31 3.62 0.00	71.86 3.42 0.00	73.38 3.69 0.00	73.81 4.05 0.00	74.41 4.08 0.00	70.27 3.66 0.00	132.08 3.22 -74.21	129.36 3.58 -67.07	136.01 4.40 -61.85	188.82 4.88 -108.89	173.26 4.68 -97.61	182.61 5.94 -105.98	194.01 5.93 -117.46	191.08 6.15 -114.24	203.53 6.23 -126.55	231.27 6.37 -153.30	166.75 6.35 -89.11	160.28 6.88 -78.57	150.62 6.18 -73.36	143.04 5.95 -66.23	125.70 5.73 -49.26	103.61 5.75 -26.93	112.98 5.52 -36.75
MONGAUP___HYD 23641	74.10 4.06 0.00	73.44 3.76 0.00	71.99 3.56 0.00	73.38 3.69 0.00	73.52 3.76 0.00	74.33 4.01 0.00	70.40 3.79 0.00	64.32 3.22 -6.45	68.18 3.64 -5.83	86.48 4.47 -12.24	101.37 4.66 -21.66	106.83 4.33 -31.54	105.14 4.24 -30.22	100.60 4.09 -25.90	97.68 4.38 -22.61	100.47 4.67 -25.04	112.13 5.08 -35.44	140.30 4.35 -64.65	136.24 4.41 -57.00	128.28 3.98 -53.22	122.66 3.75 -48.05	110.82 4.46 -35.65	94.97 4.54 -19.49	101.42 4.10 -26.60
MONTAUK___DIESEL 23721	94.47 8.82 -15.61	88.04 7.73 -10.62	81.71 6.78 -6.50	79.63 6.62 -3.33	79.63 6.63 -3.24	81.64 7.10 -4.21	88.98 6.93 -15.44	88.04 6.18 -27.21	89.03 6.87 -23.45	104.48 8.51 -26.20	116.87 8.93 -32.88	120.27 7.74 -41.57	123.22 7.42 -45.11	118.19 7.48 -40.10	115.52 8.06 -36.77	118.41 8.21 -39.44	130.19 8.59 -50.00	158.34 8.27 -78.77	153.20 8.90 -69.46	144.12 7.96 -65.08	137.32 7.01 -59.44	120.31 6.79 -42.80	103.22 7.31 -24.98	107.12 7.21 -29.19
MOONROAD_115KV_HARTFLD_TB1-2 355988	65.41 -4.62 0.00	64.46 -5.23 0.00	62.89 -5.54 0.00	63.83 -5.85 0.00	64.18 -5.58 0.00	65.76 -4.57 0.00	62.41 -4.20 0.00	50.82 -3.83 0.00	54.54 -4.17 0.00	66.78 -5.51 -2.53	73.52 -6.00 -4.47	66.71 -5.25 -1.00	67.99 -4.81 -2.11	70.20 -5.72 -5.31	71.18 -4.17 -4.66	72.39 -3.54 -5.17	74.98 -3.65 -7.03	81.93 -2.07 -12.70	84.30 -1.72 -11.20	78.69 -2.84 -10.46	76.82 -3.47 -9.44	74.41 -3.32 -7.01	72.71 -2.06 -3.83	74.82 -1.13 -5.23

MORRIS_RIDGE___SOLAR 323848	65.76 -4.27 0.00	64.80 -4.88 0.00	63.44 -4.99 0.00	64.53 -5.16 0.00	64.81 -4.95 0.00	66.25 -4.08 0.00	62.74 -3.86 0.00	52.86 -3.50 -1.71	56.38 -3.88 -1.55	67.26 -5.44 -2.93	74.76 -5.48 -5.18	40.15 -5.04 25.78	48.20 -4.81 17.68	71.39 -5.37 -6.15	71.93 -4.17 -5.41	73.21 -3.54 -5.99	76.84 -3.15 -8.38	83.99 -1.85 -14.54	85.93 -1.72 -12.82	80.56 -2.49 -11.97	78.69 -2.97 -10.81	75.50 -3.25 -8.03	72.84 -2.48 -4.39	74.87 -1.84 -5.99
MORTIMER_115KV_TB3 55949	67.24 -2.80 0.00	66.41 -3.28 0.00	64.95 -3.49 0.00	65.92 -3.76 0.00	66.13 -3.63 0.00	67.44 -2.88 0.00	63.81 -2.80 0.00	52.13 -2.51 0.00	55.95 -2.76 0.00	67.73 -3.77 -1.73	74.82 -3.30 -3.06	72.22 -3.19 -4.45	71.49 -3.46 -4.26	71.45 -2.82 -3.66	70.35 -3.53 -3.20	70.98 -3.33 -3.54	74.46 -2.00 -4.86	79.28 -1.07 -9.05	81.98 -0.82 -7.98	76.96 -1.56 -7.45	75.53 -2.05 -6.72	73.59 -2.12 -5.00	72.18 -1.49 -2.73	73.31 -1.13 -3.73
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	74.38 4.34 0.00	73.73 4.04 0.00	72.20 3.76 0.00	73.52 3.83 0.00	73.60 3.84 0.00	74.55 4.22 0.00	70.73 4.13 0.00	65.64 3.83 -7.17	69.53 4.34 -6.48	88.67 5.44 -13.45	105.39 6.53 -23.80	111.84 6.24 -34.64	109.82 5.94 -33.19	105.00 5.93 -28.46	101.76 6.22 -24.85	104.51 6.23 -27.53	116.97 6.44 -38.92	148.23 6.20 -70.73	143.62 6.44 -62.36	135.21 5.90 -58.23	129.02 5.60 -52.57	115.43 5.59 -39.12	98.00 5.67 -21.39	105.07 5.16 -29.19
MUNSVILLE_WIND_PWR 323609	75.29 5.26 0.00	74.28 4.60 0.00	72.47 4.04 0.00	73.31 3.62 0.00	73.46 3.69 0.00	75.11 4.78 0.00	71.07 4.46 0.00	62.99 3.77 -4.57	67.07 4.23 -4.13	80.98 4.95 -6.26	92.41 6.31 -11.04	91.67 6.10 -14.60	90.83 5.86 -14.28	88.69 5.44 -12.64	88.46 6.22 -11.55	90.35 6.79 -12.80	96.00 7.52 -16.88	101.66 7.91 -22.45	103.22 8.60 -19.79	97.59 8.03 -18.48	95.19 7.65 -16.68	90.19 7.07 -12.40	84.31 6.60 -6.78	85.97 6.01 -9.25
N SALMON___HYD 24042	69.69 -0.35 0.00	69.55 -0.14 0.00	68.10 -0.34 0.00	69.12 -0.56 0.00	68.99 -0.77 0.00	68.57 -1.76 0.00	65.20 -1.40 0.00	53.77 -0.88 0.00	57.54 -1.17 0.00	68.52 -1.25 0.00	60.68 -2.02 12.35	68.29 -1.85 0.83	68.92 -1.76 0.00	68.92 -1.70 0.00	68.92 -1.76 0.00	68.92 -1.84 0.00	67.84 -2.36 1.40	69.16 -2.14 0.00	72.59 -2.24 0.00	69.16 -1.92 0.00	69.44 -1.42 0.00	69.58 -1.13 0.00	69.66 -1.27 0.00	69.87 -0.85 0.00
N.AKRON__115KV_KNAPP 355671	65.91 -4.13 0.00	64.95 -4.74 0.00	63.37 -5.06 0.00	64.25 -5.44 0.00	64.53 -5.23 0.00	66.11 -4.22 0.00	62.54 -4.06 0.00	50.88 -3.77 0.00	54.54 -4.17 0.00	66.06 -5.79 -2.08	73.11 -5.63 -3.69	67.15 -4.75 -0.94	67.56 -4.95 -1.82	69.71 -5.30 -4.39	69.02 -5.51 -3.85	69.92 -5.09 -4.26	73.49 -3.94 -5.82	79.47 -2.50 -10.66	81.99 -2.24 -9.40	76.59 -3.27 -8.78	74.82 -3.97 -7.93	72.65 -3.96 -5.89	71.25 -2.91 -3.22	72.99 -2.12 -4.39
N.BELMOR_69_KV_BK1 55787	88.03 6.09 -11.90	83.57 5.78 -8.10	78.87 5.47 -4.96	77.80 5.57 -2.54	77.81 5.58 -2.47	79.52 5.98 -3.21	84.18 5.79 -11.78	82.24 5.14 -22.45	83.88 5.75 -19.42	100.13 7.19 -23.17	155.34 8.11 -72.17	150.59 7.66 -71.97	174.17 7.42 -96.06	167.88 7.41 -89.85	166.22 7.78 -87.76	168.94 7.78 -90.40	176.97 8.02 -97.34	192.23 7.77 -113.16	182.81 8.16 -99.82	173.22 7.53 -94.60	167.14 7.09 -89.19	137.58 7.07 -59.78	119.86 7.38 -41.55	106.57 6.65 -29.20
N.E_GEN_SANDY PD 24062	125.00 3.99 -50.97	111.87 3.76 -38.43	109.79 3.62 -37.73	109.28 3.76 -35.84	110.00 3.83 -36.41	114.31 4.08 -39.90	125.73 3.79 -55.33	141.46 3.82 -82.99	133.21 4.28 -70.22	128.93 5.30 -53.86	133.26 6.01 -52.19	133.17 5.68 -56.53	134.30 5.37 -58.24	134.48 5.23 -58.64	131.30 5.58 -55.03	137.09 5.37 -60.96	155.05 5.66 -77.79	155.60 4.99 -79.31	149.99 5.24 -69.93	141.27 4.90 -65.29	134.55 4.75 -58.95	119.41 4.81 -43.88	111.28 4.96 -35.38	109.35 4.67 -33.97
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	73.61 3.57 0.00	72.96 3.28 0.00	71.58 3.15 0.00	72.96 3.28 0.00	73.04 3.28 0.00	73.91 3.59 0.00	70.07 3.46 0.00	64.73 3.22 -6.86	68.55 3.64 -6.20	87.46 4.74 -12.94	103.74 5.78 -22.90	109.72 5.46 -33.29	107.90 5.30 -31.91	103.21 5.23 -27.37	100.11 5.51 -23.91	102.69 5.45 -26.49	114.80 5.73 -37.47	145.00 5.49 -68.21	140.74 5.76 -60.15	132.50 5.26 -56.16	126.52 4.96 -50.70	113.23 4.95 -37.56	96.51 5.04 -20.54	103.34 4.60 -28.03
N.QUEENS_27_KV_LOAD 356247	73.96 3.92 0.00	73.17 3.48 0.00	71.58 3.15 0.00	72.82 3.14 0.00	72.90 3.14 0.00	73.84 3.52 0.00	70.14 3.53 0.00	65.25 3.44 -7.16	69.18 3.99 -6.48	88.18 4.95 -13.45	104.94 6.08 -23.80	111.49 5.89 -34.63	109.46 5.58 -33.19	104.72 5.65 -28.46	101.47 5.94 -24.85	104.16 5.87 -27.53	116.61 6.09 -38.92	147.80 5.78 -70.72	143.17 5.99 -62.36	134.78 5.47 -58.22	128.60 5.17 -52.57	115.00 5.16 -39.12	97.64 5.32 -21.39	104.64 4.74 -29.19
N.TROY___115KV_TB1 355778	73.68 3.64 0.00	73.10 3.41 0.00	71.72 3.28 0.00	73.17 3.48 0.00	73.39 3.63 0.00	74.13 3.80 0.00	70.00 3.40 0.00	121.67 3.22 -63.80	119.96 3.58 -57.67	128.69 4.40 -54.52	176.03 4.95 -96.01	164.01 4.68 -88.36	170.54 4.67 -95.18	179.26 4.59 -104.06	176.14 4.74 -100.71	186.99 4.67 -111.57	212.57 4.87 -136.10	163.20 4.49 -87.41	156.61 4.71 -77.07	147.38 4.34 -71.96	140.15 4.32 -64.97	123.36 4.31 -48.33	101.76 4.40 -26.43	111.02 4.24 -36.06
NARROWS_GT1_1 24228	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
NARROWS_GT1_2 24229	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
NARROWS_GT1_3 24230	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
NARROWS_GT1_4 24231	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23

NARROWS_GT1_5 24232	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
NARROWS_GT1_6 24233	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
NARROWS_GT1_7 24234	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
NARROWS_GT1_8 24235	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
NARROWS_GT2_1 24236	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
NARROWS_GT2_2 24237	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
NARROWS_GT2_3 24238	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
NARROWS_GT2_4 24239	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
NARROWS_GT2_5 24240	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
NARROWS_GT2_6 24241	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
NARROWS_GT2_7 24242	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
NARROWS_GT2_8 24243	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	74.87 4.83 0.00	74.28 4.60 0.00	72.95 4.52 0.00	74.42 4.74 0.00	74.71 4.95 0.00	75.32 4.99 0.00	70.87 4.26 0.00	86.15 2.79 -28.71	87.78 3.11 -25.96	103.15 3.70 -29.68	131.54 4.13 -52.35	131.96 3.83 -57.16	133.03 3.68 -58.67	132.76 3.53 -58.61	129.05 3.53 -54.83	135.24 3.75 -60.74	153.34 3.87 -77.87	157.25 3.64 -82.32	151.22 3.82 -72.58	142.26 3.41 -67.77	135.51 3.47 -61.18	119.68 3.47 -45.50	99.29 3.48 -24.88	108.20 3.54 -33.94
NCHELSEA_115KV_TR2 355582	74.52 4.48 0.00	73.87 4.18 0.00	72.47 4.04 0.00	73.80 4.11 0.00	73.95 4.19 0.00	74.83 4.50 0.00	70.87 4.26 0.00	65.85 3.72 -7.48	69.70 4.23 -6.76	88.75 5.30 -13.68	105.42 6.15 -24.21	111.69 5.82 -34.91	109.86 5.66 -33.51	105.06 5.58 -28.87	101.83 5.87 -25.27	104.70 5.94 -27.99	117.22 6.16 -39.46	148.17 6.06 -70.81	143.47 6.21 -62.43	134.99 5.62 -58.29	128.87 5.39 -52.63	115.21 5.37 -39.12	97.78 5.46 -21.39	104.92 5.02 -29.18
NEG CAPITAL___MECHNVIL 23645	74.31 4.27 0.00	73.72 4.04 0.00	72.27 3.83 0.00	73.79 4.11 0.00	74.09 4.33 0.00	74.76 4.43 0.00	70.60 4.00 0.00	129.26 3.55 -71.06	126.88 3.93 -64.24	134.22 4.81 -59.64	185.39 5.33 -105.00	170.88 5.11 -94.80	178.77 5.37 -102.71	189.32 5.30 -113.41	186.37 5.52 -110.16	198.31 5.52 -122.03	225.43 5.73 -148.10	165.39 5.57 -88.52	158.79 5.91 -78.05	149.36 5.40 -72.88	141.97 5.32 -65.79	124.81 5.16 -48.94	102.87 5.18 -26.76	112.25 5.02 -36.51



NEG CENTRAL_HIGH_ACRES 23767	66.68 -3.36 0.00	65.85 -3.83 0.00	64.46 -3.97 0.00	65.43 -4.25 0.00	65.64 -4.12 0.00	66.88 -3.44 0.00	63.28 -3.33 0.00	51.80 -2.84 0.00	55.60 -3.11 0.00	67.41 -4.05 -1.69	74.22 -3.83 -2.99	71.75 -3.55 -4.33	71.16 -3.68 -4.15	70.93 -3.25 -3.57	69.99 -3.82 -3.12	70.60 -3.61 -3.45	73.84 -2.51 -4.74	78.49 -1.64 -8.83	81.04 -1.57 -7.78	76.21 -2.13 -7.27	74.93 -2.48 -6.56	72.91 -2.69 -4.87	71.33 -2.27 -2.67	72.38 -1.98 -3.64
NEG CENTRAL___DRP 24199	69.55 -0.49 0.00	68.71 -0.98 0.00	67.41 -1.03 0.00	68.57 -1.11 0.00	68.71 -1.05 0.00	69.91 -0.42 0.00	66.14 -0.47 0.00	54.32 -0.33 0.00	58.42 -0.29 0.00	70.88 -0.84 -1.95	78.05 -0.45 -3.44	77.88 -0.28 -7.20	76.84 -0.28 -6.44	74.36 -0.35 -4.10	74.14 -0.14 -3.60	74.81 0.07 -3.98	77.62 0.57 -5.44	82.51 1.21 -10.00	85.07 1.42 -8.82	80.24 0.92 -8.23	78.72 0.43 -7.43	76.52 0.28 -5.52	74.45 0.50 -3.02	75.40 0.57 -4.12
NEG CENTRAL___INDECK 23768	69.20 -0.84 0.00	68.15 -1.53 0.00	66.59 -1.84 0.00	67.52 -2.16 0.00	67.81 -1.95 0.00	69.28 -1.05 0.00	65.74 -0.87 0.00	53.99 -0.65 0.00	57.77 -0.94 0.00	70.41 -1.88 -2.52	77.87 -1.65 -4.46	99.43 -1.49 -29.95	92.82 -1.62 -23.75	74.42 -1.49 -5.30	73.93 -1.41 -4.66	75.14 -0.78 -5.16	79.26 0.64 -7.01	86.03 2.07 -12.66	88.38 2.39 -11.16	82.92 1.42 -10.42	81.12 0.85 -9.41	78.21 0.50 -6.99	75.67 0.92 -3.82	77.21 1.27 -5.21
NEG CENTRAL___SENECA 23627	69.34 -0.70 0.00	68.43 -1.25 0.00	67.07 -1.37 0.00	68.22 -1.46 0.00	68.37 -1.40 0.00	69.62 -0.70 0.00	65.94 -0.67 0.00	54.26 -0.38 0.00	58.30 -0.41 0.00	70.71 -1.19 -2.13	78.15 -0.68 -3.77	79.41 -0.50 -8.94	78.10 -0.42 -7.84	74.53 -0.56 -4.48	74.34 -0.28 -3.93	75.11 0.00 -4.36	78.19 0.64 -5.94	83.55 1.43 -10.83	86.09 1.72 -9.55	81.06 1.07 -8.91	79.40 0.50 -8.05	77.05 0.35 -5.98	74.77 0.57 -3.27	75.96 0.78 -4.46
NEG CENTRAL___STATE_STREET 24147	70.25 0.21 0.00	69.41 -0.28 0.00	68.16 -0.27 0.00	69.34 -0.35 0.00	69.48 -0.28 0.00	70.61 0.28 0.00	66.74 0.13 0.00	54.81 0.16 0.00	58.89 0.18 0.00	71.78 0.07 -1.94	78.87 0.38 -3.44	77.29 0.50 -5.83	76.60 0.49 -5.41	75.06 0.35 -4.09	74.77 0.49 -3.59	75.37 0.64 -3.98	78.17 1.15 -5.43	82.78 1.57 -9.91	85.36 1.80 -8.74	80.59 1.35 -8.16	79.22 0.99 -7.37	77.04 0.85 -5.47	74.85 0.92 -2.99	75.65 0.85 -4.08
NEG MILLWOOD___DRP 24198	74.80 4.76 0.00	74.21 4.53 0.00	72.82 4.38 0.00	74.14 4.46 0.00	74.23 4.46 0.00	75.18 4.85 0.00	71.27 4.66 0.00	66.18 4.10 -7.44	70.07 4.64 -6.72	89.36 5.86 -13.73	106.25 6.91 -24.29	112.57 6.46 -35.14	110.70 6.29 -33.72	105.75 6.14 -29.00	102.62 6.57 -25.36	105.29 6.44 -28.09	117.98 6.73 -39.64	149.39 6.63 -71.46	144.65 6.81 -63.01	136.02 6.11 -58.83	129.85 6.11 -53.11	116.08 5.87 -39.50	98.56 6.03 -21.60	105.70 5.52 -29.47
NEG NORTH_FLCN_SEA 23793	69.69 -0.35 0.00	69.41 -0.28 0.00	67.89 -0.55 0.00	68.92 -0.77 0.00	68.85 -0.91 0.00	68.57 -1.76 0.00	64.67 -1.93 0.00	53.23 -1.42 0.00	57.01 -1.70 0.00	67.82 -1.95 0.00	59.07 -2.78 13.21	67.52 -2.55 0.89	68.43 -2.26 0.00	68.42 -2.19 0.00	68.43 -2.26 0.00	68.49 -2.26 0.00	67.32 -2.79 1.50	68.66 -2.64 0.00	71.98 -2.84 0.00	68.66 -2.42 0.00	68.87 -1.98 0.00	68.88 -1.84 0.00	68.95 -1.99 0.00	69.66 -1.06 0.00
NEG NORTH_KES_CHATEGAY 23792	68.85 -1.19 0.00	68.64 -1.05 0.00	67.20 -1.23 0.00	68.29 -1.39 0.00	68.16 -1.60 0.00	67.87 -2.46 0.00	64.54 -2.06 0.00	53.12 -1.53 0.00	56.83 -1.88 0.00	67.61 -2.16 0.00	59.00 -3.08 12.98	67.18 -2.91 0.87	68.07 -2.62 0.00	68.07 -2.54 0.00	68.07 -2.62 0.00	68.21 -2.55 0.00	67.06 -3.08 1.47	68.31 -2.99 0.00	71.54 -3.29 0.00	68.31 -2.77 0.00	68.52 -2.34 0.00	68.53 -2.19 0.00	68.59 -2.34 0.00	68.81 -1.91 0.00
NEG NORTH___ALICE_FALLS 23915	69.90 -0.14 0.00	69.61 -0.07 0.00	68.09 -0.34 0.00	69.13 -0.56 0.00	69.13 -0.63 0.00	68.78 -1.55 0.00	65.14 -1.47 0.00	53.55 -1.09 0.00	57.42 -1.29 0.00	68.37 -1.40 0.00	59.64 -2.25 13.17	68.09 -1.99 0.89	68.92 -1.77 0.00	68.92 -1.69 0.00	68.92 -1.77 0.00	68.99 -1.77 0.00	67.82 -2.29 1.49	69.30 -2.00 0.00	72.58 -2.24 0.00	69.23 -1.85 0.00	69.51 -1.35 0.00	69.45 -1.27 0.00	69.44 -1.49 0.00	69.94 -0.78 0.00
NEG NORTH___LWR_SARANAC 23913	69.90 -0.14 0.00	69.61 -0.07 0.00	68.09 -0.34 0.00	69.13 -0.56 0.00	69.13 -0.63 0.00	68.78 -1.55 0.00	65.14 -1.47 0.00	53.55 -1.09 0.00	57.42 -1.29 0.00	68.37 -1.40 0.00	59.64 -2.25 13.17	68.09 -1.99 0.89	68.92 -1.77 0.00	68.92 -1.69 0.00	68.92 -1.77 0.00	68.99 -1.77 0.00	67.82 -2.29 1.49	69.30 -2.00 0.00	72.58 -2.24 0.00	69.23 -1.85 0.00	69.51 -1.35 0.00	69.45 -1.27 0.00	69.44 -1.49 0.00	69.94 -0.78 0.00
NEG NORTH___PLATTSBURG 23628	69.90 -0.14 0.00	69.61 -0.07 0.00	68.10 -0.34 0.00	69.12 -0.56 0.00	69.13 -0.63 0.00	68.78 -1.55 0.00	65.14 -1.47 0.00	53.55 -1.09 0.00	57.42 -1.29 0.00	68.38 -1.39 0.00	59.64 -2.25 13.17	68.09 -1.99 0.89	68.92 -1.76 0.00	68.92 -1.70 0.00	68.92 -1.76 0.00	68.99 -1.77 0.00	67.82 -2.29 1.49	69.30 -2.00 0.00	72.59 -2.24 0.00	69.23 -1.85 0.00	69.44 -1.42 0.00	69.45 -1.27 0.00	69.44 -1.49 0.00	69.94 -0.78 0.00
NEG WEST_LEA_LOCKPORT 23791	64.50 -5.53 0.00	63.62 -6.06 0.00	62.07 -6.36 0.00	62.99 -6.69 0.00	63.27 -6.49 0.00	64.84 -5.49 0.00	61.28 -5.33 0.00	49.62 -5.03 0.00	53.19 -5.52 0.00	64.46 -7.47 -2.16	71.44 -7.43 -3.81	64.63 -6.46 -0.13	65.37 -6.57 -1.26	68.16 -6.99 -4.54	67.67 -7.00 -3.98	68.59 -6.58 -4.41	71.90 -5.73 -6.02	78.02 -4.28 -11.00	80.49 -4.04 -9.70	75.09 -5.05 -9.06	73.29 -5.74 -8.18	71.14 -5.66 -6.07	69.79 -4.47 -3.32	71.79 -3.47 -4.53
NEG WEST___LANCASTER 23811	66.40 -3.64 0.00	65.43 -4.25 0.00	63.99 -4.45 0.00	64.95 -4.74 0.00	65.30 -4.46 0.00	66.74 -3.59 0.00	63.21 -3.40 0.00	51.26 -3.39 0.00	55.01 -3.70 0.00	67.17 -5.16 -2.57	72.69 -6.91 -4.54	66.29 -5.68 -1.00	68.23 -4.59 -2.14	68.31 -7.70 -5.40	71.05 -4.38 -4.74	72.05 -3.96 -5.25	72.37 -6.37 -7.14	79.13 -5.06 -12.90	81.26 -4.94 -11.37	76.01 -5.69 -10.62	74.07 -6.38 -9.59	71.55 -6.29 -7.12	69.51 -5.32 -3.89	71.58 -4.46 -5.31
NEG_PENN_ALLEGHNY 23528	70.39 0.35 0.00	69.61 -0.07 0.00	68.37 -0.07 0.00	69.55 -0.14 0.00	69.69 -0.07 0.00	70.82 0.50 0.00	66.87 0.27 0.00	57.78 0.11 -3.03	61.62 0.18 -2.74	74.87 0.07 -5.03	84.33 0.38 -8.89	83.52 0.43 -12.12	82.97 0.50 -11.78	81.21 0.14 -10.46	80.61 0.63 -9.29	81.83 0.78 -10.29	86.58 0.79 -14.18	95.90 1.28 -23.31	96.80 1.42 -20.56	91.27 0.99 -19.19	88.89 0.71 -17.33	84.16 0.56 -12.87	78.68 0.71 -7.04	81.18 0.85 -9.61
NEG___GEN_MONROE 24207	66.89 -3.15 0.00	66.06 -3.62 0.00	64.67 -3.76 0.00	65.57 -4.11 0.00	65.85 -3.91 0.00	67.23 -3.09 0.00	63.61 -3.00 0.00	51.86 -2.79 0.00	55.66 -3.05 0.00	67.47 -4.05 -1.75	74.55 -3.60 -3.10	71.98 -3.48 -4.50	71.25 -3.75 -4.31	70.99 -3.32 -3.70	69.96 -3.96 -3.23	70.66 -3.68 -3.58	74.08 -2.43 -4.92	79.08 -1.35 -9.13	81.76 -1.12 -8.05	76.61 -1.99 -7.52	75.09 -2.55 -6.79	73.14 -2.62 -5.04	71.70 -1.99 -2.76	73.07 -1.41 -3.76

NEPA__ENERGY 23901	65.34 -4.69 0.00	64.39 -5.30 0.00	62.82 -5.61 0.00	63.76 -5.92 0.00	64.11 -5.65 0.00	65.69 -4.64 0.00	62.14 -4.46 0.00	50.49 -4.15 0.00	54.13 -4.58 0.00	66.04 -6.14 -2.41	72.87 -6.46 -4.26	63.78 -5.82 1.36	65.39 -5.58 -0.29	69.47 -6.21 -5.07	69.91 -5.23 -4.45	70.95 -4.74 -4.93	73.73 -4.58 -6.71	80.33 -3.14 -12.17	82.71 -2.84 -10.73	77.26 -3.24 -10.02	75.37 -4.53 -9.05	73.05 -4.38 -6.72	71.42 -3.19 -3.67	73.47 -2.26 -5.01
NEVERSINK__HYD 23608	73.96 3.92 0.00	73.31 3.62 0.00	71.86 3.42 0.00	73.17 3.48 0.00	73.32 3.56 0.00	74.19 3.87 0.00	70.33 3.73 0.00	65.44 3.17 -7.63	69.19 3.58 -6.89	87.24 4.47 -13.00	103.30 5.25 -22.99	108.22 4.89 -32.36	106.66 4.74 -31.24	102.46 4.59 -27.26	99.57 4.87 -24.01	102.52 5.16 -26.60	114.28 5.51 -37.16	140.94 5.42 -64.22	136.99 5.54 -56.63	129.00 5.05 -52.87	123.34 4.75 -47.73	110.92 4.74 -35.46	95.08 4.75 -19.39	101.42 4.24 -26.46
NEWKRMKL_115KV_TB1 55635	73.05 3.01 0.00	72.47 2.79 0.00	71.17 2.74 0.00	72.61 2.93 0.00	72.76 3.00 0.00	73.49 3.16 0.00	69.27 2.66 0.00	105.29 2.46 -48.18	104.96 2.70 -43.55	116.74 3.35 -43.62	155.97 4.05 -76.86	149.88 3.83 -75.08	153.83 3.68 -79.47	158.42 3.60 -84.20	154.73 3.46 -80.58	163.35 3.33 -89.26	185.55 3.22 -110.72	160.89 2.85 -86.73	154.45 3.14 -76.47	145.40 2.91 -71.41	138.37 3.05 -64.47	121.78 3.11 -47.95	100.27 3.12 -26.22	109.82 3.32 -35.78
NEWTON__FALLS_HYD 23847	69.83 -0.21 0.00	69.55 -0.14 0.00	68.09 -0.34 0.00	69.13 -0.56 0.00	68.99 -0.77 0.00	69.06 -1.27 0.00	65.21 -1.40 0.00	53.83 -0.82 0.00	57.65 -1.06 0.00	68.31 -1.47 0.00	66.77 -1.35 6.94	69.56 -1.42 -0.02	69.50 -1.56 -0.37	69.16 -1.55 -0.11	69.20 -1.48 0.00	69.06 -1.70 0.00	69.42 -1.65 0.54	71.52 -1.64 -1.86	74.82 -1.65 -1.64	71.19 -1.42 -1.53	70.96 -1.28 -1.38	70.90 -0.85 -1.03	70.57 -0.92 -0.56	70.64 -0.85 -0.77
NGRID_A1_DSASP 323792	63.87 -6.16 0.00	62.99 -6.69 0.00	61.53 -6.91 0.00	62.44 -7.25 0.00	62.79 -6.98 0.00	64.28 -6.05 0.00	60.41 -6.19 0.00	48.85 -5.79 0.00	52.37 -6.34 0.00	63.39 -8.58 -2.20	70.39 -8.56 -3.89	63.78 -7.31 -0.13	64.70 -7.28 -1.29	67.40 -7.84 -4.63	66.62 -8.13 -4.06	67.47 -7.78 -4.50	71.01 -6.73 -6.14	77.22 -5.28 -11.20	79.54 -5.16 -9.87	74.19 -6.11 -9.22	72.59 -6.59 -8.32	70.25 -6.65 -6.18	68.92 -5.39 -3.38	70.95 -4.38 -4.61
NGRID_A2_DSASP 323793	63.87 -6.16 0.00	62.99 -6.69 0.00	61.53 -6.91 0.00	62.44 -7.25 0.00	62.79 -6.98 0.00	64.28 -6.05 0.00	60.41 -6.19 0.00	48.85 -5.79 0.00	52.37 -6.34 0.00	63.39 -8.58 -2.20	70.39 -8.56 -3.89	63.78 -7.31 -0.13	64.70 -7.28 -1.29	67.40 -7.84 -4.63	66.62 -8.13 -4.06	67.47 -7.78 -4.50	71.01 -6.73 -6.14	77.22 -5.28 -11.20	79.54 -5.16 -9.87	74.19 -6.11 -9.22	72.59 -6.59 -8.32	70.25 -6.65 -6.18	68.92 -5.39 -3.38	70.95 -4.38 -4.61
NGRID_A4_DSASP 323807	63.87 -6.16 0.00	62.99 -6.69 0.00	61.53 -6.91 0.00	62.44 -7.25 0.00	62.79 -6.98 0.00	64.28 -6.05 0.00	60.41 -6.19 0.00	48.85 -5.79 0.00	52.37 -6.34 0.00	63.39 -8.58 -2.20	70.39 -8.56 -3.89	63.78 -7.31 -0.13	64.70 -7.28 -1.29	67.40 -7.84 -4.63	66.62 -8.13 -4.06	67.47 -7.78 -4.50	71.01 -6.73 -6.14	77.22 -5.28 -11.20	79.54 -5.16 -9.87	74.19 -6.11 -9.22	72.59 -6.59 -8.32	70.25 -6.65 -6.18	68.92 -5.39 -3.38	70.95 -4.38 -4.61
NIAGARA_115E_LBMP 323715	63.38 -6.66 0.00	62.51 -7.18 0.00	60.98 -7.46 0.00	61.88 -7.80 0.00	62.23 -7.54 0.00	63.71 -6.61 0.00	60.21 -6.39 0.00	48.69 -5.96 0.00	52.19 -6.52 0.00	63.18 -8.79 -2.21	70.10 -8.86 -3.90	64.03 -7.24 -0.31	65.09 -7.00 -1.41	67.07 -8.19 -4.64	66.42 -8.34 -4.07	67.27 -8.00 -4.51	70.67 -7.09 -6.16	76.97 -5.56 -11.23	79.27 -5.46 -9.90	73.93 -6.40 -9.25	72.33 -6.87 -8.35	69.92 -7.00 -6.20	68.58 -5.74 -3.39	70.61 -4.74 -4.63
NIAGARA_115W_LBMP 323714	63.80 -6.23 0.00	62.93 -6.76 0.00	61.45 -6.98 0.00	62.37 -7.32 0.00	62.72 -7.04 0.00	64.21 -6.12 0.00	60.34 -6.26 0.00	48.74 -5.90 0.00	52.25 -6.46 0.00	63.31 -8.65 -2.20	70.24 -8.71 -3.88	63.81 -7.31 -0.15	64.71 -7.28 -1.31	67.26 -7.98 -4.62	66.47 -8.27 -4.06	67.33 -7.92 -4.49	70.86 -6.87 -6.13	77.06 -5.42 -11.18	79.38 -5.31 -9.86	74.03 -6.26 -9.21	72.44 -6.73 -8.31	70.11 -6.79 -6.18	68.78 -5.53 -3.38	70.80 -4.53 -4.61
NIAGARA_230_LBMP 323716	64.22 -5.81 0.00	63.34 -6.34 0.00	61.87 -6.57 0.00	62.78 -6.90 0.00	63.13 -6.63 0.00	64.63 -5.69 0.00	61.01 -5.59 0.00	49.29 -5.35 0.00	52.90 -5.81 0.00	64.12 -7.81 -2.17	71.01 -7.88 -3.83	63.99 -7.31 -0.33	64.83 -7.28 -1.43	67.97 -7.20 -4.56	67.27 -7.42 -4.00	68.11 -7.08 -4.43	71.49 -6.16 -6.05	77.64 -4.71 -11.05	80.00 -4.57 -9.74	74.63 -5.54 -9.09	73.11 -5.95 -8.21	70.74 -6.08 -6.10	69.44 -4.83 -3.34	71.38 -3.89 -4.55
NIAGARA__115KV_198_GIBSON 55903	63.80 -6.23 0.00	62.93 -6.76 0.00	61.46 -6.98 0.00	62.37 -7.32 0.00	62.71 -7.05 0.00	64.21 -6.12 0.00	60.34 -6.26 0.00	48.75 -5.90 0.00	52.25 -6.46 0.00	63.31 -8.65 -2.20	70.39 -8.56 -3.88	63.81 -7.31 -0.15	64.50 -7.49 -1.31	67.26 -7.98 -4.62	66.47 -8.27 -4.06	67.32 -7.92 -4.49	70.86 -6.87 -6.13	76.99 -5.49 -11.18	79.30 -5.39 -9.86	74.03 -6.25 -9.21	72.23 -6.94 -8.31	70.11 -6.79 -6.18	68.78 -5.53 -3.38	70.80 -4.53 -4.61
NIAGARA____ 23760	64.22 -5.81 0.00	63.34 -6.34 0.00	61.87 -6.57 0.00	62.78 -6.90 0.00	63.13 -6.63 0.00	64.63 -5.69 0.00	61.01 -5.59 0.00	49.29 -5.35 0.00	52.90 -5.81 0.00	64.15 -7.81 -2.19	71.05 -7.88 -3.87	63.98 -7.31 -0.33	64.83 -7.28 -1.42	68.02 -7.20 -4.61	67.31 -7.42 -4.05	68.16 -7.08 -4.48	71.55 -6.16 -6.11	77.74 -4.71 -11.15	80.09 -4.57 -9.83	74.71 -5.54 -9.18	73.19 -5.95 -8.29	70.79 -6.08 -6.16	69.48 -4.83 -3.37	71.44 -3.89 -4.62
NINE_MILE_1 23575	67.66 -2.38 0.00	67.11 -2.58 0.00	65.84 -2.60 0.00	67.04 -2.65 0.00	67.11 -2.65 0.00	67.94 -2.39 0.00	64.14 -2.46 0.00	52.57 -2.08 0.00	56.48 -2.23 0.00	67.05 -2.72 0.00	72.29 -2.78 -0.01	69.45 -2.55 -1.04	68.93 -2.54 -0.78	68.30 -2.54 -0.23	68.15 -2.54 0.00	68.21 -2.54 0.00	69.85 -2.29 -0.54	73.14 -2.14 -3.98	76.17 -2.17 -3.51	72.15 -2.20 -3.28	71.48 -2.34 -2.96	70.51 -2.40 -2.20	69.86 -2.27 -1.20	70.09 -2.27 -1.64
NINE_MILE_2 23744	67.66 -2.38 0.00	67.11 -2.58 0.00	65.84 -2.60 0.00	67.04 -2.65 0.00	67.11 -2.65 0.00	67.94 -2.39 0.00	64.14 -2.46 0.00	52.57 -2.08 0.00	56.48 -2.23 0.00	67.05 -2.72 0.00	72.29 -2.78 -0.01	69.45 -2.55 -1.03	68.93 -2.54 -0.78	68.30 -2.54 -0.22	68.15 -2.54 0.00	68.21 -2.54 0.00	69.84 -2.29 -0.53	73.13 -2.14 -3.96	76.15 -2.17 -3.50	72.14 -2.20 -3.26	71.47 -2.34 -2.95	70.50 -2.40 -2.19	69.86 -2.27 -1.20	70.09 -2.27 -1.63
NM_CAPITAL__DRP 24208	73.12 3.08 0.00	72.54 2.86 0.00	71.24 2.81 0.00	72.68 3.00 0.00	72.83 3.07 0.00	73.56 3.24 0.00	69.40 2.80 0.00	105.98 2.68 -48.66	105.68 2.99 -43.98	117.40 3.70 -43.93	156.81 4.35 -77.39	150.54 4.19 -75.39	154.51 3.96 -79.86	159.24 3.88 -84.75	155.65 3.82 -81.14	164.32 3.68 -89.89	186.66 3.65 -111.41	160.86 3.07 -86.49	154.45 3.37 -76.26	145.41 3.13 -71.20	138.40 3.26 -64.28	121.79 3.25 -47.82	100.49 3.40 -26.15	109.86 3.47 -35.68

NM_CENTRAL___DRP 24181	69.27 -0.77 0.00	68.57 -1.11 0.00	67.27 -1.16 0.00	68.50 -1.18 0.00	68.57 -1.19 0.00	69.55 -0.77 0.00	65.67 -0.93 0.00	53.83 -0.82 0.00	57.89 -0.82 0.00	68.72 -1.05 0.00	74.25 -0.83 -0.02	72.02 -0.71 -1.76	71.31 -0.71 -1.33	70.29 -0.71 -0.38	69.98 -0.71 0.00	70.12 -0.64 0.00	72.16 -0.36 -0.91	78.00 -0.07 -6.77	80.80 0.00 -5.97	76.44 -0.21 -5.57	75.39 -0.50 -5.03	73.89 -0.57 -3.74	72.55 -0.43 -2.04	73.01 -0.50 -2.79
NM_FRONTIER___DRP 24179	63.80 -6.23 0.00	62.93 -6.76 0.00	61.46 -6.98 0.00	62.37 -7.32 0.00	62.71 -7.05 0.00	64.21 -6.12 0.00	60.34 -6.26 0.00	48.75 -5.90 0.00	52.25 -6.46 0.00	63.31 -8.65 -2.20	70.39 -8.56 -3.88	63.81 -7.31 -0.15	64.50 -7.49 -1.31	67.26 -7.98 -4.62	66.47 -8.27 -4.06	67.32 -7.92 -4.49	70.86 -6.87 -6.13	76.99 -5.49 -11.18	79.30 -5.39 -9.86	74.03 -6.25 -9.21	72.23 -6.94 -8.31	70.11 -6.79 -6.18	68.78 -5.53 -3.38	70.80 -4.53 -4.61
NM_ST_REGIS___HYD 24053	69.27 -0.77 0.00	69.27 -0.42 0.00	67.82 -0.62 0.00	68.92 -0.77 0.00	68.64 -1.12 0.00	68.08 -2.25 0.00	64.41 -2.20 0.00	53.28 -1.37 0.00	56.95 -1.76 0.00	67.40 -2.37 0.00	61.33 -2.85 10.88	67.46 -2.77 0.73	67.93 -2.76 0.00	67.86 -2.75 0.00	67.86 -2.83 0.00	67.57 -3.18 0.00	66.86 -3.51 1.23	67.74 -3.57 0.00	71.16 -3.67 0.00	67.88 -3.20 0.00	68.16 -2.69 0.00	68.67 -2.05 0.00	68.95 -1.99 0.00	69.23 -1.49 0.00
NORTHPORT___1 23551	92.57 6.79 -15.74	86.88 6.48 -10.71	81.22 6.23 -6.56	79.45 6.41 -3.36	79.44 6.41 -3.27	81.40 6.82 -4.25	88.78 6.60 -15.58	87.67 5.63 -27.39	88.59 6.28 -23.60	103.69 7.61 -26.31	114.59 7.95 -31.58	118.98 7.45 -40.57	121.32 7.21 -43.42	116.26 7.21 -38.44	113.33 7.57 -35.08	116.15 7.64 -37.75	127.90 7.88 -48.42	156.13 7.20 -77.63	151.14 7.85 -68.46	142.50 7.32 -64.10	136.18 6.87 -58.46	119.75 6.79 -42.24	102.60 7.24 -24.43	106.41 6.50 -29.19
NORTHPORT___2 23552	92.57 6.79 -15.74	86.88 6.48 -10.71	81.22 6.23 -6.56	79.45 6.41 -3.36	79.44 6.41 -3.27	81.40 6.82 -4.25	88.78 6.60 -15.58	87.67 5.63 -27.39	88.59 6.28 -23.60	103.69 7.61 -26.31	114.59 7.95 -31.58	118.98 7.45 -40.57	121.32 7.21 -43.42	116.26 7.21 -38.44	113.33 7.57 -35.08	116.15 7.64 -37.75	127.90 7.88 -48.42	156.13 7.20 -77.63	151.14 7.85 -68.46	142.50 7.32 -64.10	136.18 6.87 -58.46	119.75 6.79 -42.24	102.60 7.24 -24.43	106.41 6.50 -29.19
NORTHPORT___3 23553	91.57 5.88 -15.65	85.91 5.58 -10.65	80.29 5.34 -6.52	78.46 5.44 -3.34	78.45 5.44 -3.25	80.39 5.83 -4.22	87.69 5.60 -15.49	86.89 4.97 -27.27	87.79 5.58 -23.50	102.92 6.91 -26.24	114.13 7.73 -31.34	118.66 7.31 -40.38	120.86 7.07 -43.11	115.82 7.06 -38.14	112.81 7.35 -34.77	115.63 7.43 -37.45	127.33 7.59 -48.14	155.57 6.85 -77.42	150.66 7.55 -68.27	142.18 7.18 -63.92	135.94 6.80 -58.28	119.50 6.65 -42.14	102.29 7.02 -24.33	106.20 6.29 -29.19
NORTHPORT___4 23650	91.57 5.88 -15.65	85.91 5.58 -10.65	80.29 5.34 -6.52	78.46 5.44 -3.34	78.45 5.44 -3.25	80.39 5.83 -4.22	87.69 5.60 -15.49	86.89 4.97 -27.27	87.79 5.58 -23.50	102.92 6.91 -26.24	114.13 7.73 -31.34	118.66 7.31 -40.38	120.86 7.07 -43.11	115.82 7.06 -38.14	112.81 7.35 -34.77	115.63 7.43 -37.45	127.33 7.59 -48.14	155.57 6.85 -77.42	150.66 7.55 -68.27	142.18 7.18 -63.92	135.94 6.80 -58.28	119.50 6.65 -42.14	102.29 7.02 -24.33	106.20 6.29 -29.19
NORTHPORT___IC 23718	92.57 6.79 -15.74	86.88 6.48 -10.71	81.22 6.23 -6.56	79.45 6.41 -3.36	79.45 6.42 -3.27	81.40 6.82 -4.25	88.78 6.59 -15.58	87.67 5.63 -27.39	88.59 6.28 -23.60	103.83 7.74 -26.31	114.67 8.03 -31.58	119.05 7.52 -40.57	121.31 7.21 -43.42	116.33 7.27 -38.44	113.40 7.63 -35.08	116.15 7.64 -37.75	127.90 7.88 -48.42	156.13 7.20 -77.63	151.14 7.86 -68.46	142.50 7.32 -64.10	136.12 6.80 -58.46	119.75 6.79 -42.24	102.60 7.24 -24.43	106.41 6.51 -29.19
NORTH___COUNTRY_ESR 323785	68.64 -1.40 0.00	68.43 -1.25 0.00	67.07 -1.37 0.00	68.08 -1.60 0.00	68.02 -1.74 0.00	67.73 -2.60 0.00	64.34 -2.26 0.00	52.95 -1.69 0.00	56.71 -2.00 0.00	67.40 -2.37 0.00	58.86 -3.23 12.97	67.04 -3.05 0.87	67.86 -2.83 0.00	67.86 -2.75 0.00	67.93 -2.76 0.00	67.92 -2.83 0.00	66.77 -3.36 1.47	68.02 -3.28 0.00	71.24 -3.59 0.00	68.02 -3.05 0.00	68.24 -2.62 0.00	68.31 -2.40 0.00	68.31 -2.62 0.00	68.53 -2.19 0.00
NPX_GEN_1385_PROXY 323591	93.90 8.12 -15.74	88.20 7.80 -10.71	82.99 8.00 -6.56	81.40 8.36 -3.36	82.90 8.37 -4.77	86.50 8.86 -7.31	97.30 8.53 -22.17	119.80 6.39 -58.76	110.00 7.10 -44.19	105.00 8.58 -26.65	114.25 7.95 -31.24	118.84 7.31 -40.57	121.17 7.07 -43.42	116.26 7.21 -38.44	113.33 7.57 -35.08	116.15 7.64 -37.75	127.76 7.74 -48.42	156.06 7.13 -77.63	150.84 7.55 -68.46	142.29 7.11 -64.10	135.69 6.38 -58.46	119.54 6.58 -42.24	102.81 7.45 -24.43	106.41 6.50 -29.19
NPX_GEN_CSC 323557	93.49 7.84 -15.61	87.69 7.38 -10.62	81.78 6.84 -6.50	79.98 6.97 -3.33	79.98 6.98 -3.24	81.99 7.45 -4.21	89.25 7.20 -15.45	88.20 6.34 -27.22	89.20 7.04 -23.45	104.68 8.37 -26.54	116.51 8.93 -32.52	120.68 8.16 -41.55	123.68 7.92 -45.08	118.65 7.98 -40.06	115.91 8.48 -36.74	118.80 8.63 -39.41	130.52 8.95 -49.97	158.60 8.55 -78.75	153.40 9.13 -69.45	144.52 8.38 -65.06	137.94 7.65 -59.43	121.00 7.49 -42.79	103.77 7.87 -24.97	107.12 7.22 -29.19
NSINS_S___GLNS_FALLS 23858	73.68 3.64 0.00	73.10 3.41 0.00	71.65 3.22 0.00	73.17 3.48 0.00	73.60 3.84 0.00	74.20 3.87 0.00	70.07 3.46 0.00	132.27 3.06 -74.56	129.51 3.41 -67.39	136.05 4.19 -62.10	189.04 4.65 -109.32	173.36 4.47 -97.93	182.98 5.94 -106.35	194.46 5.93 -117.92	191.47 6.08 -114.70	203.98 6.16 -127.06	231.79 6.30 -153.89	166.82 6.35 -89.17	160.26 6.81 -78.62	150.60 6.11 -73.41	143.02 5.88 -66.28	125.67 5.66 -49.29	103.56 5.67 -26.95	112.94 5.45 -36.78
NUCOR_STEEL___DRP 24197	70.32 0.28 0.00	69.55 -0.14 0.00	68.30 -0.14 0.00	69.48 -0.21 0.00	69.55 -0.21 0.00	70.68 0.35 0.00	66.80 0.20 0.00	54.81 0.16 0.00	58.89 0.18 0.00	71.71 0.07 -1.87	78.81 0.45 -3.30	76.20 0.50 -4.74	75.74 0.49 -4.55	74.97 0.42 -3.93	74.70 0.57 -3.45	75.28 0.71 -3.82	77.90 1.07 -5.22	82.37 1.50 -9.57	84.99 1.72 -8.44	80.24 1.28 -7.88	78.96 0.99 -7.12	76.85 0.85 -5.29	74.82 0.99 -2.89	75.58 0.92 -3.94
NUMBER_THREE_WT_PWR 323818	71.44 1.40 0.00	70.94 1.26 0.00	69.39 0.96 0.00	70.38 0.70 0.00	70.46 0.70 0.00	71.17 0.85 0.00	67.27 0.67 0.00	55.36 0.71 0.00	59.47 0.76 0.00	70.61 0.84 0.00	73.69 1.27 2.64	72.58 1.13 -0.48	72.18 0.99 -0.50	71.67 0.92 -0.14	71.75 1.06 0.00	71.89 1.13 0.00	73.08 1.43 -0.04	75.34 1.50 -2.54	78.64 1.57 -2.24	74.66 1.50 -2.09	74.09 1.34 -1.89	73.53 1.41 -1.40	72.90 1.20 -0.77	72.68 0.92 -1.05
NYISO_LBMP_REFERENCE 24008	70.04 0.00 0.00	69.68 0.00 0.00	68.44 0.00 0.00	69.68 0.00 0.00	69.76 0.00 0.00	70.33 0.00 0.00	66.61 0.00 0.00	54.65 0.00 0.00	58.71 0.00 0.00	69.77 0.00 0.00	75.06 0.00 0.00	70.96 0.00 0.00	70.69 0.00 0.00	70.61 0.00 0.00	70.69 0.00 0.00	70.76 0.00 0.00	71.60 0.00 0.00	71.30 0.00 0.00	74.83 0.00 0.00	71.08 0.00 0.00	70.86 0.00 0.00	70.72 0.00 0.00	70.93 0.00 0.00	70.72 0.00 0.00

NYPA_BRENTWD____GT 24164	92.91 7.42 -15.45	87.31 7.11 -10.51	81.65 6.78 -6.43	79.88 6.90 -3.29	79.87 6.91 -3.21	81.81 7.31 -4.17	88.95 7.06 -15.29	87.78 6.12 -27.02	88.80 6.81 -23.28	104.07 8.23 -26.07	118.24 8.78 -34.40	121.94 8.23 -42.75	125.75 7.99 -47.08	120.61 7.98 -42.02	117.84 8.41 -38.74	120.66 8.49 -41.42	132.17 8.73 -51.83	159.60 8.20 -80.10	154.29 8.83 -70.64	145.47 8.17 -66.22	139.10 7.65 -60.59	121.66 7.49 -43.45	104.49 7.94 -25.61	107.12 7.22 -29.19
NYPA_GOWANUS____GT5 24156	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
NYPA_GOWANUS____GT6 24157	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.88 4.11 0.00	74.69 4.36 0.00	162.29 4.27 -91.42	162.21 3.94 -103.62	163.74 4.41 -100.62	180.85 5.58 -105.50	169.68 6.76 -87.87	171.43 6.52 -93.94	169.57 6.15 -92.74	169.65 6.22 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.81 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.42 5.88 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.61 5.66 -86.23
NYPA_HARLEM__RVR__GT1 24160	73.89 3.85 0.00	73.17 3.48 0.00	71.52 3.08 0.00	72.82 3.14 0.01	72.82 3.07 0.01	73.77 3.45 0.01	70.06 3.46 0.01	65.19 3.39 -7.16	69.05 3.87 -6.47	88.10 4.88 -13.44	104.93 6.08 -23.79	111.34 5.75 -34.63	109.39 5.52 -33.18	104.64 5.58 -28.45	101.39 5.86 -24.84	104.08 5.80 -27.52	116.53 6.02 -38.91	147.65 5.63 -70.72	143.09 5.91 -62.35	134.63 5.33 -58.22	128.52 5.10 -52.56	114.92 5.09 -39.11	97.56 5.25 -21.38	104.57 4.67 -29.19
NYPA_HARLEM__RVR__GT2 24161	73.89 3.85 0.00	73.17 3.48 0.00	71.52 3.08 0.00	72.82 3.14 0.01	72.82 3.07 0.01	73.77 3.45 0.01	70.06 3.46 0.01	65.19 3.39 -7.16	69.05 3.87 -6.47	88.10 4.88 -13.44	104.93 6.08 -23.79	111.34 5.75 -34.63	109.39 5.52 -33.18	104.64 5.58 -28.45	101.39 5.86 -24.84	104.08 5.80 -27.52	116.53 6.02 -38.91	147.65 5.63 -70.72	143.09 5.91 -62.35	134.63 5.33 -58.22	128.52 5.10 -52.56	114.92 5.09 -39.11	97.56 5.25 -21.38	104.57 4.67 -29.19
NYPA_KENT____GT 24152	206.49 4.55 -131.90	73.87 4.18 0.00	72.33 3.90 0.00	73.58 3.90 0.00	73.66 3.90 0.00	74.55 4.22 0.00	207.87 4.13 -137.13	210.38 3.88 -151.85	210.75 4.34 -147.70	226.80 5.51 -151.52	201.64 6.68 -119.90	200.94 6.39 -123.59	199.28 6.08 -122.51	201.75 6.14 -125.00	203.49 6.43 -126.37	202.05 6.37 -124.92	195.77 6.66 -117.50	135.31 6.28 -57.74	128.51 6.59 -47.09	115.81 5.97 -38.76	106.54 5.67 -30.01	196.64 5.80 -120.12	196.88 5.96 -119.99	190.91 5.45 -114.75
NYPA_POUCH1____GT 24155	162.80 4.83 -87.93	74.15 4.46 0.00	72.54 4.11 0.00	73.79 4.11 0.00	73.81 4.04 0.00	74.62 4.29 0.00	162.16 4.13 -91.42	162.04 3.77 -103.62	163.50 4.17 -100.62	180.57 5.30 -105.50	169.30 6.38 -87.87	171.07 6.17 -93.94	169.29 5.86 -92.74	169.36 5.93 -92.82	169.44 6.22 -92.53	169.44 6.23 -92.45	169.43 6.52 -91.31	174.27 6.28 -96.70	174.22 6.51 -92.89	174.13 5.90 -97.15	174.13 5.60 -97.68	169.57 5.73 -93.12	164.08 6.03 -87.12	162.53 5.59 -86.23
NYPA_VERNON____GT2 24162	74.38 4.34 0.00	73.65 3.97 0.00	72.13 3.69 0.00	73.38 3.69 0.00	73.46 3.69 0.00	74.33 4.01 0.00	70.60 4.00 0.00	65.58 3.77 -7.16	69.47 4.28 -6.48	88.60 5.37 -13.45	105.39 6.53 -23.80	111.84 6.25 -34.63	109.88 6.01 -33.19	105.07 6.00 -28.46	101.83 6.29 -24.85	104.58 6.30 -27.53	117.04 6.52 -38.92	148.16 6.13 -70.72	143.62 6.44 -62.36	135.13 5.83 -58.22	129.02 5.60 -52.57	115.42 5.59 -39.12	98.14 5.82 -21.39	105.14 5.23 -29.19
NYPA_VERNON____GT3 24163	74.38 4.34 0.00	73.65 3.97 0.00	72.13 3.69 0.00	73.38 3.69 0.00	73.46 3.69 0.00	74.33 4.01 0.00	70.60 4.00 0.00	65.58 3.77 -7.16	69.47 4.28 -6.48	88.60 5.37 -13.45	105.39 6.53 -23.80	111.84 6.25 -34.63	109.88 6.01 -33.19	105.07 6.00 -28.46	101.83 6.29 -24.85	104.58 6.30 -27.53	117.04 6.52 -38.92	148.16 6.13 -70.72	143.62 6.44 -62.36	135.13 5.83 -58.22	129.02 5.60 -52.57	115.42 5.59 -39.12	98.14 5.82 -21.39	105.14 5.23 -29.19
NYPA__ASTORIA_CC1 323568	74.24 4.20 0.00	73.58 3.90 0.00	71.99 3.56 0.00	73.31 3.62 0.00	73.32 3.56 0.00	74.26 3.94 0.00	70.53 3.93 0.00	65.53 3.72 -7.16	69.35 4.17 -6.48	88.52 5.30 -13.45	105.32 6.46 -23.80	111.77 6.17 -34.63	109.74 5.86 -33.19	105.00 5.93 -28.46	101.76 6.22 -24.85	104.44 6.15 -27.53	116.90 6.37 -38.92	148.08 6.06 -70.72	143.47 6.29 -62.36	135.06 5.75 -58.22	128.88 5.46 -52.57	115.36 5.52 -39.12	98.00 5.68 -21.39	105.00 5.09 -29.19
NYPA__ASTORIA_CC2 323569	74.24 4.20 0.00	73.58 3.90 0.00	71.99 3.56 0.00	73.31 3.62 0.00	73.32 3.56 0.00	74.26 3.94 0.00	70.53 3.93 0.00	65.53 3.72 -7.16	69.35 4.17 -6.48	88.52 5.30 -13.45	105.32 6.46 -23.80	111.77 6.17 -34.63	109.74 5.86 -33.19	105.00 5.93 -28.46	101.76 6.22 -24.85	104.44 6.15 -27.53	116.90 6.37 -38.92	148.08 6.06 -70.72	143.47 6.29 -62.36	135.06 5.75 -58.22	128.88 5.46 -52.57	115.36 5.52 -39.12	98.00 5.68 -21.39	105.00 5.09 -29.19
NYPA__HOLTSVILL 23794	92.73 7.07 -15.62	87.01 6.69 -10.63	81.31 6.37 -6.51	79.50 6.48 -3.33	79.49 6.49 -3.24	81.44 6.90 -4.22	88.72 6.66 -15.46	87.73 5.85 -27.24	88.64 6.46 -23.47	103.66 7.67 -26.21	115.97 8.18 -32.73	119.94 7.52 -41.45	122.94 7.35 -44.91	117.85 7.34 -39.90	115.03 7.78 -36.57	117.85 7.85 -39.24	129.50 8.09 -49.81	157.49 7.55 -78.64	152.33 8.16 -69.34	143.57 7.53 -64.96	137.20 7.02 -59.33	120.31 6.86 -42.73	103.15 7.31 -24.91	106.48 6.58 -29.19
NYPA__HELLGATE_GT1 24158	73.89 3.85 0.00	73.17 3.48 0.00	71.52 3.08 0.00	72.82 3.14 0.01	72.82 3.07 0.01	73.77 3.45 0.01	70.06 3.46 0.01	65.19 3.39 -7.16	69.05 3.87 -6.47	88.10 4.88 -13.44	104.93 6.08 -23.79	111.34 5.75 -34.63	109.39 5.52 -33.18	104.64 5.58 -28.45	101.39 5.86 -24.84	104.08 5.80 -27.52	116.53 6.02 -38.91	147.65 5.63 -70.72	143.09 5.91 -62.35	134.63 5.33 -58.22	128.52 5.10 -52.56	114.92 5.09 -39.11	97.56 5.25 -21.38	104.57 4.67 -29.19
NYPA__HELLGATE_GT2 24159	73.89 3.85 0.00	73.17 3.48 0.00	71.52 3.08 0.00	72.82 3.14 0.01	72.82 3.07 0.01	73.77 3.45 0.01	70.06 3.46 0.01	65.19 3.39 -7.16	69.05 3.87 -6.47	88.10 4.88 -13.44	104.93 6.08 -23.79	111.34 5.75 -34.63	109.39 5.52 -33.18	104.64 5.58 -28.45	101.39 5.86 -24.84	104.08 5.80 -27.52	116.53 6.02 -38.91	147.65 5.63 -70.72	143.09 5.91 -62.35	134.63 5.33 -58.22	128.52 5.10 -52.56	114.92 5.09 -39.11	97.56 5.25 -21.38	104.57 4.67 -29.19
NYS_BARGE__HYD 23848	64.50 -5.53 0.00	63.62 -6.06 0.00	62.07 -6.36 0.00	62.99 -6.69 0.00	63.27 -6.49 0.00	64.84 -5.49 0.00	61.27 -5.33 0.00	49.67 -4.97 0.00	53.25 -5.46 0.00	64.44 -7.46 -2.14	71.41 -7.43 -3.78	65.14 -6.32 -0.49	66.13 -6.08 -1.52	68.20 -6.92 -4.50	67.64 -7.00 -3.95	68.55 -6.58 -4.37	71.92 -5.66 -5.97	78.08 -4.14 -10.92	80.48 -3.97 -9.62	75.09 -4.98 -8.99	73.52 -5.45 -8.11	71.16 -5.59 -6.03	69.83 -4.40 -3.30	71.75 -3.46 -4.50

OAK ORCHARD___HYD 24046	67.23 -2.80 0.00	66.41 -3.27 0.00	64.95 -3.49 0.00	65.92 -3.76 0.00	66.13 -3.63 0.00	67.44 -2.89 0.00	63.81 -2.79 0.00	52.13 -2.51 0.00	55.95 -2.76 0.00	67.73 -3.77 -1.73	74.67 -3.45 -3.06	72.22 -3.19 -4.45	71.63 -3.32 -4.26	71.44 -2.83 -3.66	70.35 -3.53 -3.20	70.98 -3.32 -3.54	74.46 -2.00 -4.86	79.35 -1.00 -9.05	81.98 -0.82 -7.98	76.96 -1.56 -7.45	75.67 -1.91 -6.72	73.59 -2.12 -5.00	72.17 -1.49 -2.73	73.31 -1.13 -3.73
OAKDALE___35_KV_LOAD 356122	70.11 0.07 0.00	69.41 -0.28 0.00	68.09 -0.34 0.00	69.34 -0.35 0.00	69.48 -0.28 0.00	70.54 0.21 0.00	66.67 0.07 0.00	57.68 -0.11 -3.14	61.49 -0.06 -2.84	74.67 -0.21 -5.11	84.02 -0.08 -9.03	83.21 0.07 -12.18	82.77 0.21 -11.87	81.07 -0.14 -10.60	80.41 0.28 -9.44	81.71 0.50 -10.45	86.45 0.50 -14.35	95.38 0.93 -23.15	96.29 1.05 -20.41	90.78 0.64 -19.06	88.35 0.28 -17.21	83.79 0.28 -12.78	78.42 0.50 -6.99	80.82 0.57 -9.54
OCC_CHEM___DRP 24175	63.87 -6.16 0.00	62.99 -6.69 0.00	61.52 -6.91 0.00	62.44 -7.25 0.00	62.78 -6.98 0.00	64.28 -6.05 0.00	60.41 -6.19 0.00	48.85 -5.79 0.00	52.37 -6.34 0.00	63.39 -8.58 -2.20	70.47 -8.48 -3.89	63.78 -7.31 -0.13	64.56 -7.42 -1.29	67.40 -7.84 -4.63	66.62 -8.13 -4.06	67.47 -7.78 -4.50	71.01 -6.73 -6.14	77.15 -5.35 -11.20	79.47 -5.24 -9.87	74.19 -6.11 -9.22	72.38 -6.80 -8.32	70.26 -6.65 -6.18	68.92 -5.39 -3.38	70.95 -4.38 -4.61
OH_GEN_PROXY 24063	64.30 -5.74 0.00	63.48 -6.20 0.00	62.00 -6.44 0.00	62.93 -6.76 0.00	63.27 -6.49 0.00	64.77 -5.56 0.00	61.14 -5.46 0.00	49.45 -5.19 0.00	53.02 -5.69 0.00	64.61 -7.67 -2.52	70.92 -7.66 -3.52	64.67 -7.16 -0.87	65.46 -7.07 -1.84	68.14 -7.06 -4.59	67.50 -7.21 -4.02	68.35 -6.86 -4.46	71.74 -5.94 -6.08	77.84 -4.56 -11.11	80.21 -4.41 -9.79	74.82 -5.40 -9.14	73.30 -5.81 -8.25	70.91 -5.94 -6.13	69.53 -4.75 -3.35	71.47 -3.82 -4.58
OLIN_CORP_DRP 24177	63.52 -6.51 0.00	62.65 -7.04 0.00	61.11 -7.32 0.00	62.09 -7.60 0.00	62.37 -7.39 0.00	63.86 -6.47 0.00	60.34 -6.26 0.00	48.80 -5.85 0.00	52.31 -6.40 0.00	63.41 -8.58 -2.22	70.43 -8.56 -3.93	64.02 -7.17 -0.22	64.62 -7.42 -1.35	67.24 -8.05 -4.68	66.66 -8.13 -4.11	67.52 -7.78 -4.55	70.93 -6.87 -6.20	77.12 -5.49 -11.31	79.49 -5.31 -9.97	74.13 -6.25 -9.31	72.32 -6.94 -8.41	70.17 -6.79 -6.25	68.82 -5.53 -3.41	70.78 -4.60 -4.66
OLIN_CORP_DSASP 323712	63.87 -6.16 0.00	62.99 -6.69 0.00	61.53 -6.91 0.00	62.44 -7.25 0.00	62.79 -6.98 0.00	64.28 -6.05 0.00	60.41 -6.19 0.00	48.85 -5.79 0.00	52.37 -6.34 0.00	63.39 -8.58 -2.20	70.39 -8.56 -3.89	63.78 -7.31 -0.13	64.70 -7.28 -1.29	67.40 -7.84 -4.63	66.62 -8.13 -4.06	67.47 -7.78 -4.50	71.01 -6.73 -6.14	77.22 -5.28 -11.20	79.54 -5.16 -9.87	74.19 -6.11 -9.22	72.59 -6.59 -8.32	70.25 -6.65 -6.18	68.92 -5.39 -3.38	70.95 -4.38 -4.61
ONEIDA_HERK_LFGE 323681	71.93 1.89 0.00	71.43 1.74 0.00	69.94 1.50 0.00	71.08 1.39 0.00	71.16 1.39 0.00	72.01 1.69 0.00	68.07 1.46 0.00	55.96 1.31 0.00	60.18 1.47 0.00	71.44 1.67 0.00	76.49 2.18 0.75	73.55 2.06 -0.53	73.04 1.91 -0.44	72.57 1.83 -0.13	72.74 2.05 0.00	72.81 2.05 0.00	74.11 2.29 -0.22	75.81 2.28 -2.23	79.19 2.39 -1.96	75.12 2.21 -1.83	74.64 2.12 -1.66	73.93 1.98 -1.23	73.45 1.84 -0.67	73.26 1.63 -0.92
ONEIDA___115KV_TB4 55905	72.28 2.24 0.00	71.64 1.95 0.00	70.21 1.78 0.00	71.36 1.67 0.00	71.50 1.74 0.00	72.58 2.25 0.00	68.60 2.00 0.00	56.29 1.64 0.00	60.59 1.88 0.00	71.86 2.09 0.00	77.70 2.63 -0.01	74.58 2.48 -1.13	73.94 2.40 -0.85	73.19 2.33 -0.24	73.30 2.62 0.00	73.45 2.69 0.00	75.05 2.86 -0.58	78.48 2.85 -4.33	81.71 3.07 -3.81	77.34 2.70 -3.56	76.55 2.48 -3.22	75.51 2.40 -2.39	74.51 2.27 -1.31	74.62 2.12 -1.78
ONONDAGA_REF_OCCRA 23987	69.69 -0.35 0.00	68.99 -0.70 0.00	67.75 -0.68 0.00	68.92 -0.77 0.00	69.06 -0.70 0.00	69.98 -0.35 0.00	66.14 -0.47 0.00	54.21 -0.44 0.00	58.30 -0.41 0.00	69.21 -0.56 0.00	74.78 -0.30 -0.02	72.94 -0.21 -2.19	72.13 -0.21 -1.65	70.87 -0.21 -0.47	70.55 -0.14 0.00	70.69 -0.07 0.00	72.95 0.21 -1.13	80.20 0.50 -8.40	82.83 0.60 -7.40	78.35 0.36 -6.91	77.17 0.07 -6.24	75.36 0.00 -4.64	73.54 0.07 -2.54	74.18 0.00 -3.46
ONONDAGA___COGEN 23986	69.83 -0.21 0.00	69.13 -0.56 0.00	67.89 -0.55 0.00	69.06 -0.63 0.00	69.13 -0.63 0.00	70.12 -0.21 0.00	66.27 -0.33 0.00	54.32 -0.33 0.00	58.42 -0.29 0.00	69.35 -0.42 0.00	74.93 -0.15 -0.02	72.98 -0.07 -2.09	72.20 -0.07 -1.58	70.99 -0.07 -0.45	70.69 0.00 0.00	70.83 0.07 0.00	73.04 0.36 -1.08	79.95 0.64 -8.01	82.64 0.75 -7.06	78.17 0.50 -6.60	77.02 0.21 -5.96	75.28 0.14 -4.42	73.57 0.21 -2.42	74.16 0.14 -3.30
ONTARIO___LFGE 23819	69.34 -0.70 0.00	68.43 -1.25 0.00	67.07 -1.37 0.00	68.22 -1.47 0.00	68.37 -1.39 0.00	69.62 -0.70 0.00	65.94 -0.67 0.00	54.27 -0.38 0.00	58.30 -0.41 0.00	70.71 -1.19 -2.13	78.22 -0.60 -3.77	79.41 -0.49 -8.94	78.10 -0.42 -7.84	74.53 -0.57 -4.48	74.34 -0.28 -3.93	75.18 0.07 -4.36	78.19 0.64 -5.94	83.63 1.50 -10.83	86.10 1.72 -9.55	81.06 1.07 -8.91	79.54 0.64 -8.05	77.05 0.36 -5.98	74.77 0.56 -3.27	75.96 0.78 -4.46
ORANGEVILLE_WT_PWR 323706	64.71 -5.33 0.00	63.83 -5.85 0.00	62.41 -6.02 0.00	63.41 -6.27 0.00	63.69 -6.07 0.00	65.20 -5.13 0.00	61.75 -4.86 0.00	51.85 -4.37 -1.58	55.26 -4.87 -1.43	65.90 -6.56 -2.69	73.13 -6.68 -4.76	48.72 -6.17 16.07	54.20 -5.94 10.55	69.83 -6.43 -5.65	70.28 -5.38 -4.97	71.52 -4.74 -5.50	74.94 -4.37 -7.71	81.82 -2.93 -13.45	83.92 -2.77 -11.85	78.60 -3.55 -11.07	76.74 -4.11 -9.99	73.83 -4.32 -7.42	71.59 -3.40 -4.06	73.64 -2.62 -5.54
ORANGEVILLE___ESR 323794	64.71 -5.33 0.00	63.83 -5.85 0.00	62.41 -6.02 0.00	63.41 -6.27 0.00	63.69 -6.07 0.00	65.20 -5.13 0.00	61.75 -4.86 0.00	51.85 -4.37 -1.58	55.26 -4.87 -1.43	65.90 -6.56 -2.69	73.13 -6.68 -4.76	48.72 -6.17 16.07	54.20 -5.94 10.55	69.83 -6.43 -5.65	70.28 -5.38 -4.97	71.52 -4.74 -5.50	74.94 -4.37 -7.71	81.82 -2.93 -13.45	83.92 -2.77 -11.85	78.60 -3.55 -11.07	76.74 -4.11 -9.99	73.83 -4.32 -7.42	71.59 -3.40 -4.06	73.64 -2.62 -5.54
OSWEGATCHIE___HYD 24044	69.83 -0.21 0.00	69.55 -0.14 0.00	68.10 -0.34 0.00	69.12 -0.56 0.00	68.99 -0.77 0.00	69.06 -1.26 0.00	65.20 -1.40 0.00	53.83 -0.82 0.00	57.65 -1.06 0.00	68.30 -1.47 0.00	66.69 -1.43 6.94	69.56 -1.42 -0.02	69.50 -1.56 -0.37	69.16 -1.55 -0.11	69.20 -1.49 0.00	69.06 -1.70 0.00	69.42 -1.64 0.54	71.52 -1.64 -1.86	74.82 -1.65 -1.64	71.19 -1.42 -1.53	70.89 -1.35 -1.38	70.90 -0.85 -1.03	70.57 -0.92 -0.56	70.64 -0.85 -0.77
OSWEGO___5 23606	68.00 -2.03 0.00	67.45 -2.23 0.00	66.24 -2.19 0.00	67.39 -2.30 0.00	67.53 -2.24 0.00	68.29 -2.04 0.00	64.47 -2.13 0.00	52.85 -1.80 0.00	56.77 -1.94 0.00	67.47 -2.30 0.00	72.74 -2.33 -0.01	69.81 -2.20 -1.05	69.36 -2.12 -0.79	68.72 -2.12 -0.23	68.50 -2.19 0.00	68.64 -2.12 0.00	70.22 -1.93 -0.54	73.62 -1.71 -4.03	76.66 -1.72 -3.55	72.55 -1.85 -3.32	71.94 -1.91 -3.00	70.96 -1.98 -2.23	70.24 -1.91 -1.22	70.47 -1.91 -1.66

OSWEGO___6 23613	68.00 -2.03 0.00	67.45 -2.23 0.00	66.24 -2.19 0.00	67.39 -2.30 0.00	67.53 -2.24 0.00	68.29 -2.04 0.00	64.47 -2.13 0.00	52.85 -1.80 0.00	56.77 -1.94 0.00	67.47 -2.30 0.00	72.74 -2.33 -0.01	69.81 -2.20 -1.05	69.36 -2.12 -0.79	68.72 -2.12 -0.23	68.50 -2.19 0.00	68.64 -2.12 0.00	70.22 -1.93 -0.54	73.62 -1.71 -4.03	76.66 -1.72 -3.55	72.55 -1.85 -3.32	71.94 -1.91 -3.00	70.96 -1.98 -2.23	70.24 -1.91 -1.22	70.47 -1.91 -1.66
OUTOKUMPU-AB___DRP 24206	64.99 -5.04 0.00	64.04 -5.64 0.00	62.55 -5.89 0.00	63.48 -6.20 0.00	63.76 -6.00 0.00	65.33 -4.99 0.00	61.68 -4.93 0.00	49.95 -4.70 0.00	53.54 -5.17 0.00	65.04 -6.98 -2.24	72.04 -6.98 -3.97	64.81 -6.03 0.12	65.73 -6.08 -1.12	68.69 -6.64 -4.72	68.40 -6.43 -4.14	69.26 -6.09 -4.59	72.49 -5.37 -6.25	78.77 -3.92 -11.40	81.21 -3.67 -10.05	75.84 -4.62 -9.38	74.01 -5.31 -8.47	71.78 -5.23 -6.29	70.33 -4.04 -3.44	72.30 -3.11 -4.70
OXBOW___BTM 323836	64.57 -5.46 0.00	63.62 -6.06 0.00	62.07 -6.36 0.00	63.06 -6.62 0.00	63.34 -6.42 0.00	64.91 -5.41 0.00	61.14 -5.46 0.00	49.45 -5.19 0.00	53.02 -5.69 0.00	64.32 -7.67 -2.22	71.33 -7.66 -3.93	64.44 -6.53 0.00	65.46 -6.43 -1.20	68.16 -7.13 -4.68	67.65 -7.14 -4.10	68.51 -6.79 -4.54	71.86 -5.94 -6.20	78.18 -4.42 -11.30	80.53 -4.26 -9.96	75.12 -5.26 -9.30	73.52 -5.74 -8.40	71.09 -5.87 -6.24	69.74 -4.61 -3.41	71.77 -3.60 -4.66
OXBOW____ 24026	64.57 -5.46 0.00	63.62 -6.06 0.00	62.07 -6.36 0.00	63.06 -6.62 0.00	63.34 -6.42 0.00	64.91 -5.42 0.00	61.14 -5.46 0.00	49.46 -5.19 0.00	53.01 -5.69 0.00	64.32 -7.67 -2.22	71.41 -7.58 -3.93	64.44 -6.53 0.00	65.25 -6.64 -1.20	68.16 -7.13 -4.68	67.65 -7.14 -4.10	68.51 -6.79 -4.54	71.86 -5.94 -6.20	78.11 -4.49 -11.30	80.53 -4.27 -9.96	75.12 -5.26 -9.30	73.30 -5.95 -8.40	71.09 -5.87 -6.24	69.73 -4.61 -3.41	71.77 -3.61 -4.66
OXY_CHEM_DSASP 323612	63.87 -6.16 0.00	62.99 -6.69 0.00	61.52 -6.91 0.00	62.44 -7.25 0.00	62.78 -6.98 0.00	64.28 -6.05 0.00	60.41 -6.19 0.00	48.85 -5.79 0.00	52.37 -6.34 0.00	63.39 -8.58 -2.20	70.47 -8.48 -3.89	63.78 -7.31 -0.13	64.56 -7.42 -1.29	67.40 -7.84 -4.63	66.62 -8.13 -4.06	67.47 -7.78 -4.50	71.01 -6.73 -6.14	77.15 -5.35 -11.20	79.47 -5.24 -9.87	74.19 -6.11 -9.22	72.38 -6.80 -8.32	70.26 -6.65 -6.18	68.92 -5.39 -3.38	70.95 -4.38 -4.61
OZONE_PARK_ESR 323760	74.94 4.90 0.00	74.21 4.53 0.00	72.68 4.24 0.00	73.94 4.25 0.00	74.02 4.26 0.00	75.04 4.71 0.00	71.27 4.66 0.00	66.07 4.26 -7.16	70.06 4.87 -6.48	89.29 6.07 -13.45	106.06 7.21 -23.80	112.48 6.88 -34.63	110.45 6.57 -33.19	105.70 6.64 -28.45	102.46 6.93 -24.85	105.14 6.86 -27.52	117.68 7.16 -38.92	148.93 6.92 -70.72	144.37 7.18 -62.35	135.84 6.54 -58.22	129.65 6.24 -52.56	116.06 6.22 -39.12	98.63 6.31 -21.39	105.70 5.80 -29.18
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	63.87 -6.16 0.00	62.99 -6.69 0.00	61.52 -6.91 0.00	62.44 -7.25 0.00	62.78 -6.98 0.00	64.28 -6.05 0.00	60.41 -6.19 0.00	48.85 -5.79 0.00	52.37 -6.34 0.00	63.39 -8.58 -2.20	70.47 -8.48 -3.89	63.78 -7.31 -0.13	64.56 -7.42 -1.29	67.40 -7.84 -4.63	66.62 -8.13 -4.06	67.47 -7.78 -4.50	71.01 -6.73 -6.14	77.15 -5.35 -11.20	79.47 -5.24 -9.87	74.19 -6.11 -9.22	72.38 -6.80 -8.32	70.26 -6.65 -6.18	68.92 -5.39 -3.38	70.95 -4.38 -4.61
PACKARD__115KV_DUPONT_184 80571	63.87 -6.16 0.00	62.99 -6.69 0.00	61.52 -6.91 0.00	62.44 -7.25 0.00	62.78 -6.98 0.00	64.28 -6.05 0.00	60.41 -6.19 0.00	48.85 -5.79 0.00	52.37 -6.34 0.00	63.39 -8.58 -2.20	70.47 -8.48 -3.89	63.78 -7.31 -0.13	64.56 -7.42 -1.29	67.40 -7.84 -4.63	66.62 -8.13 -4.06	67.47 -7.78 -4.50	71.01 -6.73 -6.14	77.15 -5.35 -11.20	79.47 -5.24 -9.87	74.19 -6.11 -9.22	72.38 -6.80 -8.32	70.26 -6.65 -6.18	68.92 -5.39 -3.38	70.95 -4.38 -4.61
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	74.03 3.99 0.00	73.31 3.62 0.00	71.72 3.28 0.00	72.96 3.28 0.00	73.04 3.28 0.00	73.91 3.59 0.00	70.20 3.60 0.00	65.25 3.44 -7.16	69.12 3.93 -6.48	88.18 4.95 -13.45	104.94 6.08 -23.80	111.49 5.89 -34.63	109.46 5.58 -33.19	104.72 5.65 -28.46	101.47 5.94 -24.85	104.16 5.87 -27.53	116.61 6.09 -38.92	147.80 5.78 -70.72	143.17 5.99 -62.36	134.71 5.40 -58.22	128.60 5.17 -52.57	115.00 5.16 -39.12	97.71 5.39 -21.39	104.71 4.81 -29.19
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	74.59 4.55 0.00	73.87 4.18 0.00	72.27 3.83 0.00	73.52 3.83 0.00	73.60 3.84 0.00	74.48 4.15 0.00	70.73 4.13 0.00	65.69 3.88 -7.16	69.53 4.34 -6.48	88.66 5.44 -13.45	105.47 6.61 -23.80	112.06 6.46 -34.63	110.03 6.15 -33.19	105.28 6.21 -28.46	102.04 6.50 -24.85	104.72 6.44 -27.53	117.26 6.73 -38.92	148.44 6.42 -70.72	143.77 6.58 -62.36	135.34 6.04 -58.22	129.16 5.74 -52.57	115.57 5.73 -39.12	98.28 5.96 -21.39	105.35 5.45 -29.19
PATROON__115KV_TB1 80586	73.19 3.15 0.00	72.61 2.93 0.00	71.31 2.87 0.00	72.68 3.00 0.00	72.90 3.14 0.00	73.63 3.31 0.00	69.40 2.80 0.00	109.19 2.57 -51.98	108.57 2.88 -46.98	119.60 3.56 -46.27	160.78 4.20 -81.52	153.35 4.04 -78.34	157.89 3.89 -83.32	163.46 3.81 -89.04	159.77 3.61 -85.48	168.98 3.54 -94.69	191.95 3.44 -116.91	161.39 3.07 -87.03	154.93 3.37 -76.73	145.85 3.13 -71.65	138.73 3.19 -64.68	122.08 3.25 -48.11	100.58 3.33 -26.31	110.08 3.47 -35.90
PATTRSNVILLE__SOLAR 323815	73.12 3.08 0.00	72.61 2.93 0.00	71.24 2.81 0.00	72.68 2.99 0.00	72.90 3.14 0.00	73.63 3.31 0.00	69.53 2.93 0.00	135.32 2.40 -78.27	132.04 2.58 -70.75	137.34 3.00 -64.57	192.04 3.30 -113.68	175.58 3.05 -101.56	184.27 3.18 -110.39	196.43 3.25 -122.57	193.36 3.39 -119.28	206.56 3.68 -132.13	235.54 3.94 -160.00	167.08 4.06 -91.72	160.03 4.34 -80.87	150.49 3.91 -75.51	142.85 3.82 -68.17	125.08 3.68 -50.69	102.41 3.76 -27.72	112.07 3.53 -37.82
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	66.12 -3.92 0.00	65.15 -4.53 0.00	63.65 -4.79 0.00	64.60 -5.09 0.00	64.95 -4.81 0.00	66.46 -3.87 0.00	62.88 -3.73 0.00	51.04 -3.61 0.00	54.72 -3.99 0.00	66.80 -5.44 -2.47	72.75 -6.68 -4.37	65.55 -5.61 -0.19	67.29 -4.88 -1.48	68.67 -7.13 -5.19	70.59 -4.67 -4.56	71.57 -4.25 -5.05	72.75 -5.73 -6.88	79.40 -4.35 -12.45	81.61 -4.19 -10.98	76.28 -5.05 -10.25	74.37 -5.74 -9.25	71.94 -5.66 -6.88	70.08 -4.61 -3.76	72.10 -3.75 -5.13
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	74.80 4.76 0.00	74.21 4.53 0.00	72.82 4.38 0.00	74.14 4.46 0.00	74.23 4.46 0.00	75.18 4.85 0.00	71.27 4.66 0.00	66.18 4.10 -7.44	70.07 4.64 -6.72	89.36 5.86 -13.73	106.25 6.91 -24.29	112.57 6.46 -35.14	110.70 6.29 -33.72	105.75 6.14 -29.00	102.62 6.57 -25.36	105.29 6.44 -28.09	117.98 6.73 -39.64	149.39 6.63 -71.46	144.65 6.81 -63.01	136.02 6.11 -58.83	129.85 5.88 -53.11	116.08 5.87 -39.50	98.56 6.03 -21.60	105.70 5.52 -29.47
PEEKSKILL____ 23653	73.89 3.85 0.00	73.24 3.55 0.00	71.86 3.42 0.00	73.17 3.48 0.00	73.25 3.49 0.00	74.19 3.87 0.00	70.27 3.66 0.00	65.12 3.39 -7.08	68.99 3.87 -6.40	88.03 4.95 -13.31	104.54 5.93 -23.55	110.83 5.60 -34.26	108.96 5.44 -32.83	104.13 5.36 -28.15	100.93 5.66 -24.59	103.65 5.66 -27.23	115.99 5.87 -38.51	146.93 5.63 -70.00	142.38 5.84 -61.72	134.10 5.40 -57.63	127.99 5.10 -52.02	114.43 5.02 -38.69	97.27 5.18 -21.16	104.25 4.67 -28.87

PGE MADISON___WINDPWR 24146	75.29 5.26 0.00	74.28 4.60 0.00	72.47 4.04 0.00	73.31 3.62 0.00	73.46 3.69 0.00	75.11 4.78 0.00	71.07 4.46 0.00	62.99 3.77 -4.57	67.07 4.23 -4.13	80.98 4.95 -6.26	92.41 6.31 -11.04	91.67 6.10 -14.60	90.83 5.86 -14.28	88.69 5.44 -12.64	88.46 6.22 -11.55	90.35 6.79 -12.80	96.00 7.52 -16.88	101.66 7.91 -22.45	103.22 8.60 -19.79	97.59 8.03 -18.48	95.19 7.65 -16.68	90.19 7.07 -12.40	84.31 6.60 -6.78	85.97 6.01 -9.25
PIERCEFIELD___HYD 23852	69.06 -0.98 0.00	69.13 -0.56 0.00	67.75 -0.68 0.00	68.85 -0.84 0.00	68.50 -1.26 0.00	67.87 -2.46 0.00	64.21 -2.40 0.00	53.17 -1.48 0.00	56.71 -2.00 0.00	67.05 -2.72 0.00	61.49 -3.08 10.50	67.21 -3.05 0.71	67.58 -3.11 0.00	67.58 -3.04 0.00	67.51 -3.18 0.00	67.15 -3.61 0.00	66.55 -3.87 1.19	67.24 -4.06 0.00	70.71 -4.12 0.00	67.52 -3.55 0.00	67.74 -3.12 0.00	68.38 -2.33 0.00	68.73 -2.20 0.00	69.02 -1.70 0.00
PINELAWN_CC_1 323563	91.38 6.66 -14.69	85.95 6.27 -10.00	80.58 6.02 -6.12	78.88 6.06 -3.13	78.95 6.14 -3.05	80.83 6.54 -3.96	87.47 6.33 -14.54	86.26 5.58 -26.04	87.32 6.16 -22.45	102.76 7.54 -25.45	126.31 8.33 -42.92	128.02 7.81 -49.25	136.61 7.64 -58.29	131.20 7.63 -52.96	128.63 7.99 -49.95	131.44 8.06 -52.62	142.15 8.30 -62.24	166.88 7.91 -87.67	160.60 8.45 -77.32	151.55 7.82 -72.66	145.27 7.37 -67.05	124.81 7.22 -46.87	107.48 7.59 -28.95	106.77 6.86 -29.19
PJM_GEN_HTP_PROXY 323702	74.38 4.34 0.00	73.72 4.04 0.00	72.20 3.76 0.00	73.51 3.83 0.00	73.59 3.83 0.00	74.55 4.22 0.00	70.74 4.13 0.00	65.63 3.82 -7.16	69.53 4.34 -6.48	89.07 5.51 -13.79	105.04 6.53 -23.46	111.84 6.25 -34.63	109.87 6.01 -33.18	105.06 6.00 -28.45	101.82 6.29 -24.84	104.51 6.23 -27.52	116.96 6.45 -38.91	148.21 6.20 -70.71	143.61 6.44 -62.35	135.19 5.90 -58.21	129.01 5.60 -52.56	115.42 5.59 -39.11	98.00 5.68 -21.39	105.06 5.16 -29.18
PJM_GEN_KEystone 24065	41.43 -0.14 28.47	41.24 -0.48 27.96	40.22 -0.62 27.60	40.01 -0.70 28.98	40.14 -0.56 29.06	41.48 0.00 28.85	44.09 -0.07 22.45	48.31 -0.11 6.23	45.55 0.00 13.16	45.39 -0.14 24.24	46.80 0.30 28.56	46.53 0.28 24.72	43.02 0.36 28.02	42.60 -0.14 27.87	39.19 0.50 32.00	40.64 0.71 30.82	48.81 0.64 23.44	65.98 1.07 6.39	59.62 1.19 16.40	51.09 0.64 20.63	51.37 0.28 19.77	53.45 0.21 17.48	52.20 0.64 19.37	41.38 0.78 30.12
PJM_GEN_NEPTUNE_PROXY 323594	79.71 5.61 -4.07	77.75 5.29 -2.77	75.19 5.06 -1.69	75.70 5.16 -0.86	75.76 5.16 -0.84	76.98 5.55 -1.09	75.96 5.33 -4.03	71.80 4.75 -12.40	74.96 5.34 -10.91	93.44 6.56 -17.12	108.61 7.43 -26.12	114.60 7.03 -36.61	114.25 6.79 -36.77	109.34 6.78 -31.95	106.18 7.07 -28.43	108.94 7.07 -31.11	121.16 7.31 -42.25	151.44 6.99 -73.15	146.73 7.41 -64.50	138.16 6.82 -60.25	131.95 6.51 -54.58	117.26 6.50 -40.04	100.10 6.88 -22.29	106.05 6.15 -29.18
PJM_GEN_VFT_PROXY 323633	73.89 3.85 0.00	73.24 3.55 0.00	71.72 3.28 0.00	73.03 3.34 0.00	73.11 3.35 0.00	74.05 3.72 0.00	70.33 3.73 0.00	65.36 3.55 -7.16	69.23 4.05 -6.48	88.72 5.16 -13.79	104.75 6.23 -23.46	111.56 5.96 -34.63	109.60 5.72 -33.19	104.78 5.72 -28.45	101.54 6.01 -24.85	104.23 5.94 -27.52	116.68 6.16 -38.92	147.87 5.85 -70.72	143.24 6.06 -62.35	134.85 5.55 -58.22	128.66 5.24 -52.56	115.07 5.23 -39.12	97.71 5.39 -21.39	104.71 4.81 -29.18
PLATSBURG_115KV_PMLD1 355749	69.62 -0.42 0.00	69.34 -0.35 0.00	67.82 -0.62 0.00	68.92 -0.77 0.00	68.85 -0.91 0.00	68.57 -1.76 0.00	64.81 -1.80 0.00	53.28 -1.37 0.00	57.07 -1.64 0.00	67.89 -1.88 0.00	59.15 -2.70 13.21	67.59 -2.48 0.89	68.50 -2.19 0.00	68.49 -2.12 0.00	68.57 -2.12 0.00	68.63 -2.12 0.00	67.46 -2.65 1.50	68.80 -2.50 0.00	72.06 -2.77 0.00	68.73 -2.35 0.00	69.01 -1.84 0.00	69.02 -1.70 0.00	69.02 -1.92 0.00	69.59 -1.13 0.00
PLEASANTVLY___LBMP 24000	73.89 3.85 0.00	73.24 3.55 0.00	71.86 3.42 0.00	73.17 3.48 0.00	73.32 3.56 0.00	74.20 3.87 0.00	70.27 3.66 0.00	65.58 3.33 -7.60	69.34 3.76 -6.87	88.62 4.74 -14.11	105.65 5.63 -24.96	112.47 5.32 -36.18	110.48 5.09 -34.70	105.51 5.08 -29.81	102.05 5.30 -26.06	104.86 5.24 -28.86	117.88 5.51 -40.76	150.34 5.35 -73.69	145.34 5.54 -64.98	136.87 5.12 -60.67	130.45 4.82 -54.77	116.27 4.81 -40.74	98.17 4.97 -22.28	105.64 4.53 -30.39
PLSNTVLE_13_KV_13.8KVDIST 80602	74.24 4.20 0.00	73.66 3.97 0.00	72.13 3.70 0.00	73.45 3.76 0.00	73.60 3.84 0.00	74.55 4.22 0.00	70.60 4.00 0.00	65.52 3.66 -7.21	69.39 4.17 -6.52	88.55 5.23 -13.54	105.25 6.23 -23.96	111.73 5.89 -34.87	109.83 5.73 -33.42	104.91 5.65 -28.65	101.64 5.94 -25.02	104.34 5.87 -27.71	116.88 6.09 -39.19	148.45 5.92 -71.23	143.85 6.21 -62.81	135.41 5.69 -58.64	129.19 5.39 -52.94	115.48 5.37 -39.39	97.93 5.46 -21.54	105.06 4.95 -29.39
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	74.24 4.20 0.00	73.66 3.97 0.00	72.13 3.70 0.00	73.45 3.76 0.00	73.60 3.84 0.00	74.55 4.22 0.00	70.60 4.00 0.00	65.52 3.66 -7.21	69.39 4.17 -6.52	88.55 5.23 -13.54	105.25 6.23 -23.96	111.73 5.89 -34.87	109.83 5.73 -33.42	104.91 5.65 -28.65	101.64 5.94 -25.02	104.34 5.87 -27.71	116.88 6.09 -39.19	148.45 5.92 -71.23	143.85 6.21 -62.81	135.41 5.69 -58.64	129.19 5.39 -52.94	115.48 5.37 -39.39	97.93 5.46 -21.54	105.06 4.95 -29.39
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	74.45 4.41 0.00	73.80 4.11 0.00	72.34 3.90 0.00	73.73 4.04 0.00	73.88 4.12 0.00	74.76 4.43 0.00	70.80 4.20 0.00	66.94 3.66 -8.63	70.68 4.17 -7.80	89.58 5.16 -14.65	106.97 6.00 -25.90	113.09 5.68 -36.45	111.39 5.51 -35.18	106.76 5.44 -30.71	103.47 5.73 -27.05	106.46 5.73 -29.97	119.48 6.01 -41.86	149.41 5.85 -72.26	144.60 6.06 -63.71	136.11 5.54 -59.49	129.88 5.31 -53.71	115.95 5.30 -39.93	98.16 5.39 -21.83	105.46 4.95 -29.79
POLETTI_____ 23519	74.24 4.20 0.00	73.59 3.90 0.00	72.06 3.63 0.00	73.38 3.69 0.00	73.46 3.70 0.00	74.41 4.08 0.00	70.60 4.00 0.00	65.53 3.72 -7.16	69.41 4.23 -6.48	88.59 5.37 -13.45	105.24 6.38 -23.80	111.70 6.10 -34.63	109.74 5.87 -33.19	104.93 5.86 -28.45	101.68 6.15 -24.85	104.37 6.09 -27.52	116.82 6.30 -38.92	148.08 6.06 -70.72	143.47 6.29 -62.35	135.06 5.76 -58.22	128.87 5.46 -52.56	115.28 5.45 -39.12	97.93 5.60 -21.39	104.99 5.09 -29.18
POMONA___ESR 323819	73.61 3.57 0.00	72.96 3.28 0.00	71.59 3.15 0.00	72.96 3.28 0.00	73.04 3.28 0.00	73.91 3.58 0.00	70.07 3.46 0.00	64.73 3.22 -6.86	68.55 3.64 -6.20	87.46 4.75 -12.94	103.74 5.78 -22.90	109.72 5.46 -33.29	107.90 5.30 -31.91	103.21 5.23 -27.37	100.12 5.52 -23.91	102.77 5.52 -26.49	114.80 5.73 -37.47	145.01 5.49 -68.21	140.74 5.76 -60.15	132.50 5.26 -56.16	126.52 4.96 -50.70	113.23 4.95 -37.56	96.51 5.04 -20.54	103.34 4.59 -28.03
PORT_JEFF_3 23555	92.99 7.35 -15.60	87.27 6.97 -10.62	81.50 6.57 -6.50	79.70 6.69 -3.33	79.70 6.70 -3.24	81.72 7.18 -4.21	88.97 6.93 -15.44	87.92 6.07 -27.21	88.90 6.75 -23.45	103.99 8.02 -26.20	116.50 8.55 -32.89	120.35 7.81 -41.58	123.38 7.57 -45.12	118.28 7.56 -40.11	115.46 7.99 -36.78	118.28 8.06 -39.46	129.99 8.37 -50.01	157.71 7.63 -78.78	152.75 8.45 -69.47	143.98 7.82 -65.09	137.54 7.23 -59.45	120.59 7.07 -42.80	103.43 7.52 -24.98	106.63 6.72 -29.19

PORT_JEFF_4 23616	92.99 7.35 -15.60	87.27 6.97 -10.62	81.50 6.57 -6.50	79.70 6.69 -3.33	79.70 6.70 -3.24	81.72 7.18 -4.21	88.97 6.93 -15.44	87.92 6.07 -27.21	88.90 6.75 -23.45	103.99 8.02 -26.20	116.50 8.55 -32.89	120.35 7.81 -41.58	123.38 7.57 -45.12	118.28 7.56 -40.11	115.46 7.99 -36.78	118.28 8.06 -39.46	129.99 8.37 -50.01	157.71 7.63 -78.78	152.75 8.45 -69.47	143.98 7.82 -65.09	137.54 7.23 -59.45	120.59 7.07 -42.80	103.43 7.52 -24.98	106.63 6.72 -29.19
PORT_JEFF_IC 23713	93.03 7.42 -15.57	87.32 7.04 -10.60	81.56 6.64 -6.48	79.76 6.76 -3.32	79.76 6.77 -3.23	81.77 7.24 -4.20	89.01 6.99 -15.41	87.94 6.12 -27.17	88.93 6.81 -23.41	104.39 8.44 -26.17	117.06 8.86 -33.15	120.69 7.95 -41.78	123.78 7.63 -45.45	118.74 7.70 -40.43	115.93 8.13 -37.12	118.76 8.21 -39.79	130.44 8.52 -50.32	158.22 7.91 -79.01	153.10 8.61 -69.67	144.32 7.96 -65.28	137.80 7.30 -59.65	120.85 7.21 -42.91	103.61 7.59 -25.09	106.77 6.86 -29.19
PPL_PILGRIM_ST_GT1 24216	92.91 7.42 -15.45	87.31 7.11 -10.51	81.65 6.78 -6.43	79.88 6.90 -3.29	79.87 6.91 -3.21	81.81 7.31 -4.17	88.95 7.06 -15.29	87.78 6.12 -27.02	88.80 6.81 -23.28	104.07 8.23 -26.07	118.24 8.78 -34.40	121.94 8.23 -42.75	125.75 7.99 -47.08	120.61 7.98 -42.02	117.84 8.41 -38.74	120.66 8.49 -41.42	132.17 8.73 -51.83	159.60 8.20 -80.10	154.29 8.83 -70.64	145.47 8.17 -66.22	139.10 7.65 -60.59	121.66 7.49 -43.45	104.49 7.94 -25.61	107.12 7.22 -29.19
PPL_PILGRIM_ST_GT2 24217	92.91 7.42 -15.45	87.31 7.11 -10.51	81.65 6.78 -6.43	79.88 6.90 -3.29	79.87 6.91 -3.21	81.81 7.31 -4.17	88.95 7.06 -15.29	87.78 6.12 -27.02	88.80 6.81 -23.28	104.07 8.23 -26.07	118.24 8.78 -34.40	121.94 8.23 -42.75	125.75 7.99 -47.08	120.61 7.98 -42.02	117.84 8.41 -38.74	120.66 8.49 -41.42	132.17 8.73 -51.83	159.60 8.20 -80.10	154.29 8.83 -70.64	145.47 8.17 -66.22	139.10 7.65 -60.59	121.66 7.49 -43.45	104.49 7.94 -25.61	107.12 7.22 -29.19
PPL_SHRM_GT3 24213	93.47 7.84 -15.59	87.68 7.38 -10.61	81.84 6.91 -6.49	79.98 6.97 -3.33	80.04 7.04 -3.24	81.99 7.45 -4.21	89.30 7.26 -15.43	88.18 6.34 -27.20	89.19 7.04 -23.44	104.33 8.37 -26.19	116.91 8.85 -33.00	120.78 8.16 -41.66	123.86 7.92 -45.26	118.83 7.98 -40.24	116.01 8.41 -36.92	118.98 8.63 -39.59	130.69 8.95 -50.13	158.65 8.48 -78.87	153.51 9.13 -69.55	144.63 8.38 -65.17	138.04 7.65 -59.53	121.06 7.49 -42.85	103.83 7.87 -25.03	107.12 7.22 -29.19
PPL_SHRM_GT4 24214	93.47 7.84 -15.59	87.68 7.38 -10.61	81.84 6.91 -6.49	79.98 6.97 -3.33	80.04 7.04 -3.24	81.99 7.45 -4.21	89.30 7.26 -15.43	88.18 6.34 -27.20	89.19 7.04 -23.44	104.33 8.37 -26.19	116.91 8.85 -33.00	120.78 8.16 -41.66	123.86 7.92 -45.26	118.83 7.98 -40.24	116.01 8.41 -36.92	118.98 8.63 -39.59	130.69 8.95 -50.13	158.65 8.48 -78.87	153.51 9.13 -69.55	144.63 8.38 -65.17	138.04 7.65 -59.53	121.06 7.49 -42.85	103.83 7.87 -25.03	107.12 7.22 -29.19
PROJECT___ORANGE 1 24174	69.27 -0.77 0.00	68.57 -1.11 0.00	67.34 -1.09 0.00	68.50 -1.18 0.00	68.64 -1.12 0.00	69.55 -0.77 0.00	65.74 -0.87 0.00	53.88 -0.77 0.00	57.95 -0.76 0.00	68.79 -0.98 0.00	74.32 -0.75 -0.02	72.05 -0.71 -1.79	71.34 -0.71 -1.35	70.29 -0.71 -0.39	70.05 -0.64 0.00	70.19 -0.57 0.00	72.24 -0.29 -0.93	78.17 0.00 -6.87	80.96 0.07 -6.06	76.52 -0.21 -5.66	75.54 -0.43 -5.11	74.02 -0.50 -3.80	72.58 -0.43 -2.08	73.13 -0.42 -2.83
PROJECT___ORANGE 2 24166	69.27 -0.77 0.00	68.57 -1.11 0.00	67.34 -1.09 0.00	68.50 -1.18 0.00	68.64 -1.12 0.00	69.55 -0.77 0.00	65.74 -0.87 0.00	53.88 -0.77 0.00	57.95 -0.76 0.00	68.79 -0.98 0.00	74.32 -0.75 -0.02	72.05 -0.71 -1.79	71.34 -0.71 -1.35	70.29 -0.71 -0.39	70.05 -0.64 0.00	70.19 -0.57 0.00	72.24 -0.29 -0.93	78.17 0.00 -6.87	80.96 0.07 -6.06	76.52 -0.21 -5.66	75.54 -0.43 -5.11	74.02 -0.50 -3.80	72.58 -0.43 -2.08	73.13 -0.42 -2.83
PUCKETT___SOLAR 323809	71.65 1.61 0.00	70.87 1.18 0.00	69.46 1.03 0.00	70.66 0.98 0.00	70.81 1.05 0.00	72.01 1.69 0.00	68.01 1.40 0.00	59.58 1.09 -3.84	63.42 1.23 -3.48	76.89 1.32 -5.79	87.10 1.80 -10.24	85.93 1.77 -13.20	85.52 1.83 -12.99	83.98 1.49 -11.88	83.37 1.98 -10.70	84.88 2.26 -11.86	90.03 2.44 -15.99	98.05 2.85 -23.90	98.97 3.07 -21.07	93.38 2.63 -19.67	90.95 2.33 -17.76	86.04 2.12 -13.20	80.28 2.13 -7.22	82.62 2.05 -9.85
PYRITES___HYD 24023	70.32 0.28 0.00	70.45 0.77 0.00	68.98 0.55 0.00	69.96 0.28 0.00	69.69 -0.07 0.00	69.20 -1.13 0.00	65.67 -0.93 0.00	54.37 -0.27 0.00	58.00 -0.70 0.00	68.44 -1.33 0.00	62.62 -1.65 10.79	68.46 -1.77 0.73	68.85 -1.84 0.00	68.78 -1.84 0.00	68.85 -1.84 0.00	68.71 -2.05 0.00	68.09 -2.29 1.22	68.88 -2.42 0.00	72.36 -2.47 0.00	69.09 -1.99 0.00	69.30 -1.56 0.00	69.73 -0.99 0.00	69.87 -1.06 0.00	70.01 -0.71 0.00
QUAKERRD_115KV_BK1 80622	66.26 -3.78 0.00	65.50 -4.18 0.00	64.06 -4.38 0.00	65.09 -4.60 0.00	65.30 -4.46 0.00	66.46 -3.87 0.00	62.88 -3.73 0.00	51.42 -3.22 0.00	55.19 -3.52 0.00	66.97 -4.47 -1.67	73.88 -4.13 -2.95	71.20 -4.04 -4.28	70.55 -4.24 -4.11	70.46 -3.67 -3.52	69.46 -4.31 -3.08	70.06 -4.10 -3.41	73.28 -3.01 -4.69	77.83 -2.21 -8.74	80.44 -2.10 -7.71	75.65 -2.63 -7.20	74.31 -3.05 -6.50	72.43 -3.11 -4.83	70.88 -2.70 -2.64	71.92 -2.40 -3.60
QUENSBRY_115KV_TB8 356137	73.61 3.57 0.00	73.03 3.34 0.00	71.65 3.22 0.00	73.17 3.48 0.00	73.60 3.84 0.00	74.20 3.87 0.00	70.07 3.46 0.00	132.58 3.06 -74.87	129.79 3.41 -67.67	136.27 4.19 -62.32	189.42 4.65 -109.71	173.64 4.47 -98.20	183.37 6.01 -106.68	194.93 6.00 -118.32	191.94 6.15 -115.11	204.56 6.30 -127.51	232.45 6.44 -154.40	167.02 6.49 -89.23	160.46 6.96 -78.68	150.79 6.25 -73.46	143.27 6.09 -66.32	125.84 5.80 -49.32	103.72 5.82 -26.97	113.03 5.52 -36.80
RAMAPO___LBMP 323565	73.47 3.43 0.00	72.82 3.14 0.00	71.45 3.01 0.00	72.75 3.07 0.00	72.90 3.14 0.00	73.77 3.45 0.00	69.94 3.33 0.00	64.54 3.06 -6.83	68.35 3.46 -6.17	87.20 4.54 -12.90	103.36 5.48 -22.82	109.33 5.18 -33.19	107.51 5.02 -31.80	102.83 4.94 -27.28	99.74 5.23 -23.82	102.31 5.17 -26.39	114.38 5.44 -37.33	144.50 5.20 -68.00	140.24 5.46 -59.95	132.03 4.98 -55.98	126.07 4.68 -50.54	112.85 4.67 -37.46	96.17 4.75 -20.49	102.98 4.31 -27.95
RANKINE____ 23646	65.34 -4.69 0.00	64.39 -5.30 0.00	62.89 -5.54 0.00	63.83 -5.85 0.00	64.18 -5.58 0.00	65.69 -4.64 0.00	62.14 -4.46 0.00	50.44 -4.21 0.00	54.07 -4.64 0.00	65.89 -6.28 -2.40	72.62 -6.68 -4.24	63.89 -6.03 1.04	65.41 -5.80 -0.52	69.09 -6.57 -5.04	69.53 -5.58 -4.43	70.50 -5.17 -4.91	73.20 -5.08 -6.68	79.71 -3.71 -12.11	82.07 -3.44 -10.68	76.65 -4.41 -9.97	74.76 -5.10 -9.00	72.39 -5.02 -6.69	70.76 -3.83 -3.66	72.81 -2.90 -4.99
RAVENSWOOD_GT2_1 24244	74.38 4.34 0.00	73.66 3.97 0.00	72.20 3.76 0.00	73.45 3.76 0.00	73.53 3.77 0.00	74.48 4.15 0.00	70.67 4.06 0.00	65.64 3.83 -7.16	69.53 4.34 -6.48	88.66 5.44 -13.45	105.39 6.53 -23.80	111.84 6.24 -34.63	109.88 6.01 -33.19	105.07 6.00 -28.46	101.83 6.29 -24.85	104.51 6.23 -27.53	116.97 6.44 -38.92	148.23 6.20 -70.72	143.62 6.44 -62.36	135.20 5.90 -58.22	129.02 5.60 -52.57	115.42 5.59 -39.12	98.00 5.67 -21.39	105.07 5.16 -29.19



RAVENSWOOD_GT2_2 24245	74.38 4.34 0.00	73.66 3.97 0.00	72.20 3.76 0.00	73.45 3.76 0.00	73.53 3.77 0.00	74.48 4.15 0.00	70.67 4.06 0.00	65.64 3.83 -7.16	69.53 4.34 -6.48	88.66 5.44 -13.45	105.39 6.53 -23.80	111.84 6.24 -34.63	109.88 6.01 -33.19	105.07 6.00 -28.46	101.83 6.29 -24.85	104.51 6.23 -27.53	116.97 6.44 -38.92	148.23 6.20 -70.72	143.62 6.44 -62.36	135.20 5.90 -58.22	129.02 5.60 -52.57	115.42 5.59 -39.12	98.00 5.67 -21.39	105.07 5.16 -29.19
RAVENSWOOD_GT2_3 24246	74.38 4.34 0.00	73.73 4.04 0.00	72.20 3.76 0.00	73.52 3.83 0.00	73.60 3.84 0.00	74.55 4.22 0.00	70.73 4.13 0.00	65.64 3.83 -7.16	69.53 4.34 -6.48	88.73 5.51 -13.45	105.39 6.53 -23.80	111.84 6.24 -34.63	109.88 6.01 -33.19	105.07 6.00 -28.46	101.83 6.29 -24.85	104.51 6.23 -27.53	116.97 6.44 -38.92	148.23 6.20 -70.72	143.62 6.44 -62.36	135.20 5.90 -58.22	129.02 5.60 -52.57	115.42 5.59 -39.12	98.07 5.75 -21.39	105.14 5.23 -29.19
RAVENSWOOD_GT2_4 24247	74.38 4.34 0.00	73.73 4.04 0.00	72.20 3.76 0.00	73.52 3.83 0.00	73.60 3.84 0.00	74.55 4.22 0.00	70.73 4.13 0.00	65.64 3.83 -7.16	69.53 4.34 -6.48	88.73 5.51 -13.45	105.39 6.53 -23.80	111.84 6.24 -34.63	109.88 6.01 -33.19	105.07 6.00 -28.46	101.83 6.29 -24.85	104.51 6.23 -27.53	116.97 6.44 -38.92	148.23 6.20 -70.72	143.62 6.44 -62.36	135.20 5.90 -58.22	129.02 5.60 -52.57	115.42 5.59 -39.12	98.07 5.75 -21.39	105.14 5.23 -29.19
RAVENSWOOD_GT3_1 24248	74.38 4.34 0.00	73.66 3.97 0.00	72.20 3.76 0.00	73.45 3.76 0.00	73.53 3.77 0.00	74.48 4.15 0.00	70.67 4.06 0.00	65.64 3.83 -7.16	69.53 4.34 -6.48	88.66 5.44 -13.45	105.39 6.53 -23.80	111.84 6.24 -34.63	109.88 6.01 -33.19	105.07 6.00 -28.46	101.83 6.29 -24.85	104.51 6.23 -27.53	116.97 6.44 -38.92	148.23 6.20 -70.72	143.62 6.44 -62.36	135.20 5.90 -58.22	129.02 5.60 -52.57	115.42 5.59 -39.12	98.00 5.67 -21.39	105.07 5.16 -29.19
RAVENSWOOD_GT3_2 24249	74.38 4.34 0.00	73.66 3.97 0.00	72.20 3.76 0.00	73.45 3.76 0.00	73.53 3.77 0.00	74.48 4.15 0.00	70.67 4.06 0.00	65.64 3.83 -7.16	69.53 4.34 -6.48	88.66 5.44 -13.45	105.39 6.53 -23.80	111.84 6.24 -34.63	109.88 6.01 -33.19	105.07 6.00 -28.46	101.83 6.29 -24.85	104.51 6.23 -27.53	116.97 6.44 -38.92	148.23 6.20 -70.72	143.62 6.44 -62.36	135.20 5.90 -58.22	129.02 5.60 -52.57	115.42 5.59 -39.12	98.00 5.67 -21.39	105.07 5.16 -29.19
RAVENSWOOD_GT3_3 24250	74.45 4.41 0.00	73.80 4.11 0.00	72.27 3.83 0.00	73.52 3.83 0.00	73.60 3.84 0.00	74.55 4.22 0.00	70.80 4.20 0.00	65.69 3.88 -7.16	69.59 4.40 -6.48	88.80 5.58 -13.45	105.47 6.61 -23.80	111.91 6.32 -34.63	109.96 6.08 -33.19	105.14 6.07 -28.46	101.90 6.36 -24.85	104.58 6.30 -27.53	117.04 6.52 -38.92	148.30 6.27 -70.72	143.70 6.51 -62.36	135.27 5.97 -58.22	129.09 5.67 -52.57	115.49 5.66 -39.12	98.14 5.82 -21.39	105.14 5.23 -29.19
RAVENSWOOD_GT3_4 24251	74.45 4.41 0.00	73.80 4.11 0.00	72.27 3.83 0.00	73.52 3.83 0.00	73.60 3.84 0.00	74.55 4.22 0.00	70.80 4.20 0.00	65.69 3.88 -7.16	69.59 4.40 -6.48	88.80 5.58 -13.45	105.47 6.61 -23.80	111.91 6.32 -34.63	109.96 6.08 -33.19	105.14 6.07 -28.46	101.90 6.36 -24.85	104.58 6.30 -27.53	117.04 6.52 -38.92	148.30 6.27 -70.72	143.70 6.51 -62.36	135.27 5.97 -58.22	129.09 5.67 			

RAVENSWOOD_GT_9 24257	74.38 4.34 0.00	73.73 4.04 0.00	72.20 3.76 0.00	73.45 3.76 0.00	73.53 3.77 0.00	74.48 4.15 0.00	70.73 4.13 0.00	65.64 3.83 -7.16	69.53 4.34 -6.48	88.66 5.44 -13.45	105.39 6.53 -23.80	111.84 6.24 -34.63	109.88 6.01 -33.19	105.07 6.00 -28.46	101.83 6.29 -24.85	104.51 6.23 -27.53	116.97 6.44 -38.92	148.23 6.20 -70.72	143.62 6.44 -62.36	135.20 5.90 -58.22	129.02 5.60 -52.57	115.42 5.59 -39.12	98.00 5.67 -21.39	105.07 5.16 -29.19
RAVENSWOOD___1 23533	74.38 4.34 0.00	73.65 3.97 0.00	72.13 3.69 0.00	73.38 3.69 0.00	73.46 3.69 0.00	74.33 4.01 0.00	70.60 4.00 0.00	65.58 3.77 -7.16	69.47 4.28 -6.48	88.60 5.37 -13.45	105.39 6.53 -23.80	111.84 6.25 -34.63	109.88 6.01 -33.19	105.07 6.00 -28.46	101.83 6.29 -24.85	104.58 6.30 -27.53	117.04 6.52 -38.92	148.16 6.13 -70.72	143.62 6.44 -62.36	135.13 5.83 -58.22	129.02 5.60 -52.57	115.42 5.59 -39.12	98.14 5.82 -21.39	105.14 5.23 -29.19
RAVENSWOOD___2 23534	74.38 4.34 0.00	73.65 3.97 0.00	72.13 3.69 0.00	73.38 3.69 0.00	73.46 3.69 0.00	74.33 4.01 0.00	70.60 4.00 0.00	65.58 3.77 -7.16	69.47 4.28 -6.48	88.60 5.37 -13.45	105.39 6.53 -23.80	111.84 6.25 -34.63	109.88 6.01 -33.19	105.07 6.00 -28.46	101.83 6.29 -24.85	104.58 6.30 -27.53	117.04 6.52 -38.92	148.16 6.13 -70.72	143.62 6.44 -62.36	135.13 5.83 -58.22	129.02 5.60 -52.57	115.42 5.59 -39.12	98.14 5.82 -21.39	105.14 5.23 -29.19
RAVENSWOOD___3 23535	74.38 4.34 0.00	73.65 3.97 0.00	72.20 3.76 0.00	73.44 3.76 0.00	73.52 3.76 0.00	74.48 4.15 0.00	70.67 4.06 0.00	65.64 3.82 -7.16	69.53 4.34 -6.48	88.73 5.51 -13.45	105.39 6.53 -23.80	111.84 6.25 -34.63	109.88 6.01 -33.19	105.07 6.00 -28.46	101.83 6.29 -24.85	104.51 6.23 -27.53	116.97 6.45 -38.92	148.22 6.20 -70.72	143.62 6.44 -62.36	135.20 5.90 -58.22	129.02 5.60 -52.57	115.42 5.59 -39.12	98.00 5.68 -21.39	105.06 5.16 -29.19
RAVENSWOOD___4 23820	74.38 4.34 0.00	73.65 3.97 0.00	72.13 3.69 0.00	73.38 3.69 0.00	73.46 3.69 0.00	74.33 4.01 0.00	70.60 4.00 0.00	65.58 3.77 -7.16	69.47 4.28 -6.48	88.60 5.37 -13.45	105.39 6.53 -23.80	111.84 6.25 -34.63	109.88 6.01 -33.19	105.07 6.00 -28.46	101.83 6.29 -24.85	104.58 6.30 -27.53	117.04 6.52 -38.92	148.16 6.13 -70.72	143.62 6.44 -62.36	135.13 5.83 -58.22	129.02 5.60 -52.57	115.42 5.59 -39.12	98.14 5.82 -21.39	105.14 5.23 -29.19
RCPT_TRUST___DRP 24196	74.52 4.48 0.00	73.87 4.18 0.00	72.34 3.90 0.00	73.66 3.97 0.00	73.74 3.98 0.00	74.69 4.36 0.00	70.87 4.26 0.00	65.75 3.93 -7.16	69.70 4.52 -6.48	88.87 5.65 -13.45	105.61 6.76 -23.80	112.05 6.46 -34.63	110.02 6.15 -33.18	105.21 6.14 -28.45	101.96 6.43 -24.84	104.72 6.44 -27.52	117.18 6.66 -38.91	148.43 6.42 -70.71	143.83 6.66 -62.35	135.40 6.11 -58.21	129.22 5.81 -52.56	115.56 5.73 -39.11	98.21 5.89 -21.39	105.27 5.37 -29.18
RED___ROCHESTER 323720	67.66 -2.38 0.00	66.82 -2.86 0.00	65.29 -3.15 0.00	66.27 -3.41 0.00	66.48 -3.28 0.00	67.80 -2.53 0.00	64.14 -2.46 0.00	52.52 -2.13 0.00	56.30 -2.41 0.00	68.21 -3.28 -1.72	75.17 -2.93 -3.04	72.68 -2.70 -4.41	72.16 -2.76 -4.23	71.92 -2.33 -3.63	70.83 -3.04 -3.18	71.44 -2.83 -3.52	75.00 -1.43 -4.83	79.86 -0.43 -8.99	82.53 -0.22 -7.92	77.48 -1.00 -7.40	76.19 -1.35 -6.68	74.13 -1.56 -4.96	72.65 -0.99 -2.71	73.78 -0.64 -3.70
REGAN___SOLAR 323812	75.50 5.47 0.00	74.91 5.23 0.00	73.43 4.99 0.00	74.98 5.29 0.00	75.41 5.65 0.00	76.02 5.69 0.00	71.87 5.26 0.00	132.06 4.27 -73.15	129.35 4.52 -66.12	135.55 5.16 -60.62	187.36 5.55 -106.75	173.90 5.11 -97.82	181.29 5.09 -105.51	191.44 5.23 -115.60	188.11 5.44 -111.98	200.95 6.15 -124.04	229.55 6.52 -151.43	173.68 6.78 -95.60	166.46 7.34 -84.29	156.39 6.61 -78.70	148.29 6.38 -71.05	129.56 6.01 -52.83	105.85 6.03 -28.89	115.86 5.73 -39.42
RENSSELAER___COGEN 23796	72.91 2.87 0.00	72.33 2.65 0.00	71.04 2.60 0.00	72.47 2.79 0.00	72.62 2.86 0.00	73.35 3.02 0.00	69.14 2.53 0.00	99.66 2.29 -42.71	99.90 2.58 -38.61	112.77 3.21 -39.79	149.00 3.83 -70.12	144.97 3.69 -70.31	148.02 3.46 -73.87	151.20 3.39 -77.20	147.44 3.25 -73.50	155.29 3.11 -81.42	176.44 3.08 -101.76	160.14 2.71 -86.13	153.69 2.92 -75.94	144.69 2.70 -70.91	137.71 2.84 -64.02	121.24 2.90 -47.62	99.95 2.98 -26.04	109.36 3.11 -35.53
REPUBLIC_115KV_BARTNBRK 55605	76.41 6.37 0.00	75.75 6.06 0.00	74.12 5.68 0.00	75.82 6.13 0.00	76.53 6.77 0.00	76.94 6.61 0.00	72.67 6.06 0.00	134.39 5.19 -74.55	131.79 5.69 -67.38	138.84 6.98 -62.09	192.02 7.66 -109.31	176.12 7.24 -97.91	185.65 8.62 -106.34	197.13 8.61 -117.91	194.21 8.84 -114.69	206.86 9.06 -127.05	234.71 9.24 -153.87	169.81 9.34 -89.17	163.55 10.10 -78.62	153.45 8.96 -73.41	145.85 8.72 -66.28	128.28 8.27 -49.29	106.11 8.23 -26.95	115.41 7.92 -36.78
REVERE_CPPR_DRP 24186	72.91 2.87 0.00	72.26 2.58 0.00	70.76 2.33 0.00	71.84 2.16 0.00	71.99 2.23 0.00	73.07 2.74 0.00	69.07 2.46 0.00	56.72 2.08 0.00	61.00 2.29 0.00	72.42 2.65 0.00	78.37 3.30 -0.01	75.04 3.12 -0.96	74.45 3.04 -0.72	73.71 2.90 -0.21	73.87 3.18 0.00	74.01 3.25 0.00	75.61 3.51 -0.49	78.46 3.49 -3.67	81.73 3.67 -3.23	77.44 3.34 -3.02	76.70 3.12 -2.72	75.78 3.04 -2.02	74.88 2.84 -1.11	74.77 2.55 -1.51
REYNOLDS_115KV_TB3 80639	73.19 3.15 0.00	72.61 2.93 0.00	71.31 2.87 0.00	72.75 3.07 0.00	72.90 3.14 0.00	73.63 3.31 0.00	69.47 2.86 0.00	106.79 2.95 -49.19	106.46 3.29 -44.46	118.17 4.12 -44.28	157.80 4.73 -78.01	151.19 4.47 -75.76	155.25 4.24 -80.32	160.15 4.17 -85.37	156.65 4.17 -81.79	165.40 4.03 -90.61	187.88 4.08 -112.20	160.93 3.35 -86.28	154.50 3.59 -76.08	145.45 3.34 -71.03	138.46 3.47 -64.13	121.97 3.54 -47.71	100.64 3.62 -26.09	109.92 3.61 -35.60
RIVERBAY____ 323610	74.59 4.55 0.00	73.87 4.18 0.00	72.27 3.83 0.00	73.52 3.83 0.00	73.60 3.84 0.00	74.48 4.15 0.00	70.73 4.13 0.00	65.69 3.88 -7.16	69.53 4.34 -6.48	88.66 5.44 -13.45	105.47 6.61 -23.80	112.06 6.46 -34.63	110.03 6.15 -33.19	105.28 6.21 -28.46	102.04 6.50 -24.85	104.72 6.44 -27.53	117.26 6.73 -38.92	148.44 6.42 -70.72	143.77 6.58 -62.36	135.34 6.04 -58.22	129.16 5.74 -52.57	115.57 5.73 -39.12	98.28 5.96 -21.39	105.35 5.45 -29.19
RIVERSDE_115KV_TB3 55908	73.12 3.08 0.00	72.54 2.86 0.00	71.24 2.81 0.00	72.68 3.00 0.00	72.83 3.07 0.00	73.56 3.24 0.00	69.40 2.80 0.00	105.98 2.68 -48.66	105.68 2.99 -43.98	117.40 3.70 -43.93	156.81 4.35 -77.39	150.54 4.19 -75.39	154.51 3.96 -79.86	159.24 3.88 -84.75	155.65 3.82 -81.14	164.32 3.68 -89.89	186.66 3.65 -111.41	160.86 3.07 -86.49	154.45 3.37 -76.26	145.41 3.13 -71.20	138.40 3.26 -64.28	121.79 3.25 -47.82	100.49 3.40 -26.15	109.86 3.47 -35.68
ROARING___BROOK_WT_PWR 323790	67.79 -2.24 0.00	67.66 -2.02 0.00	66.45 -1.99 0.00	67.66 -2.02 0.00	67.67 -2.09 0.00	67.94 -2.39 0.00	64.47 -2.13 0.00	52.95 -1.69 0.00	56.83 -1.88 0.00	67.53 -2.24 0.00	49.70 -2.63 22.73	66.95 -2.49 1.53	68.21 -2.48 0.00	68.28 -2.33 0.00	68.36 -2.33 0.00	68.42 -2.33 0.00	66.67 -2.36 2.58	69.66 -1.64 0.00	73.18 -1.65 0.00	69.66 -1.42 0.00	69.58 -1.27 0.00	69.52 -1.20 0.00	69.80 -1.14 0.00	69.73 -0.99 0.00

ROCHESRG_115KV_T4 355643	66.96 -3.08 0.00	66.20 -3.48 0.00	64.67 -3.76 0.00	65.71 -3.97 0.00	65.92 -3.84 0.00	67.16 -3.16 0.00	63.54 -3.06 0.00	51.91 -2.73 0.00	55.66 -3.05 0.00	67.43 -4.05 -1.70	74.47 -3.60 -3.01	71.79 -3.55 -4.37	71.06 -3.82 -4.19	71.03 -3.18 -3.60	70.02 -3.82 -3.15	70.63 -3.61 -3.48	74.03 -2.36 -4.79	78.79 -1.43 -8.91	81.49 -1.20 -7.86	76.50 -1.92 -7.34	75.07 -2.41 -6.63	73.17 -2.48 -4.92	71.78 -1.84 -2.69	72.98 -1.41 -3.67
ROCHESTER_9_IC 23652	67.31 -2.73 0.00	66.55 -3.14 0.00	65.01 -3.42 0.00	65.99 -3.69 0.00	66.20 -3.56 0.00	67.51 -2.81 0.00	63.87 -2.73 0.00	52.19 -2.46 0.00	56.01 -2.70 0.00	67.86 -3.63 -1.72	74.95 -3.15 -3.04	72.25 -3.12 -4.41	71.59 -3.32 -4.23	71.56 -2.68 -3.63	70.47 -3.39 -3.18	71.09 -3.18 -3.52	74.57 -1.86 -4.83	79.36 -0.93 -8.99	82.08 -0.67 -7.92	77.06 -1.42 -7.40	75.62 -1.91 -6.68	73.70 -1.98 -4.96	72.23 -1.42 -2.71	73.43 -0.99 -3.70
ROCKVIEW_13_KV_LD 356306	74.45 4.41 0.00	73.80 4.11 0.00	72.34 3.90 0.00	73.66 3.97 0.00	73.74 3.98 0.00	74.69 4.36 0.00	70.80 4.20 0.00	65.69 3.88 -7.16	69.65 4.46 -6.48	88.80 5.58 -13.45	105.46 6.61 -23.80	111.91 6.32 -34.63	109.95 6.08 -33.19	105.07 6.00 -28.45	101.90 6.36 -24.85	104.58 6.30 -27.52	116.97 6.44 -38.92	148.37 6.35 -70.72	143.77 6.58 -62.35	135.34 6.04 -58.22	129.09 5.67 -52.56	115.49 5.66 -39.12	98.07 5.75 -21.39	105.14 5.23 -29.19
ROME____115KV_TB2 80656	72.91 2.87 0.00	72.26 2.58 0.00	70.76 2.33 0.00	71.84 2.16 0.00	71.99 2.23 0.00	73.07 2.74 0.00	69.07 2.46 0.00	56.72 2.08 0.00	61.00 2.29 0.00	72.42 2.65 0.00	78.37 3.30 -0.01	75.04 3.12 -0.96	74.45 3.04 -0.72	73.71 2.90 -0.21	73.87 3.18 0.00	74.01 3.25 0.00	75.61 3.51 -0.49	78.46 3.49 -3.67	81.73 3.67 -3.23	77.44 3.34 -3.02	76.70 3.12 -2.72	75.78 3.04 -2.02	74.88 2.84 -1.11	74.77 2.55 -1.51
ROSETON___1 23587	73.68 3.64 0.00	73.03 3.34 0.00	71.65 3.22 0.00	72.96 3.28 0.00	73.11 3.35 0.00	73.98 3.65 0.00	70.07 3.46 0.00	64.65 3.11 -6.89	68.52 3.58 -6.23	87.56 4.53 -13.26	103.85 5.33 -23.46	110.44 5.11 -34.37	108.52 4.95 -32.89	103.58 4.87 -28.10	100.27 5.09 -24.49	102.99 5.10 -27.13	115.37 5.30 -38.47	147.12 5.14 -70.68	142.46 5.31 -62.32	134.17 4.90 -58.19	128.07 4.68 -52.54	114.43 4.67 -39.05	97.04 4.75 -21.35	104.16 4.31 -29.13
ROSETON___2 23588	73.68 3.64 0.00	73.03 3.34 0.00	71.65 3.22 0.00	72.96 3.28 0.00	73.11 3.35 0.00	73.98 3.65 0.00	70.07 3.46 0.00	64.65 3.11 -6.89	68.52 3.58 -6.23	87.56 4.53 -13.26	103.85 5.33 -23.46	110.44 5.11 -34.37	108.52 4.95 -32.89	103.58 4.87 -28.10	100.27 5.09 -24.49	102.99 5.10 -27.13	115.37 5.30 -38.47	147.12 5.14 -70.68	142.46 5.31 -62.32	134.17 4.90 -58.19	128.07 4.68 -52.54	114.43 4.67 -39.05	97.04 4.75 -21.35	104.16 4.31 -29.13
ROTRDAM_115KV_TB3 80664	72.63 2.59 0.00	72.05 2.37 0.00	70.76 2.33 0.00	72.12 2.44 0.00	72.34 2.58 0.00	73.07 2.74 0.00	69.00 2.40 0.00	136.85 1.97 -80.23	133.46 2.23 -72.52	138.58 2.72 -66.09	194.48 3.08 -116.34	176.87 2.91 -103.00	185.99 3.04 -112.27	198.89 3.04 -125.24	195.88 3.11 -122.08	209.17 3.18 -135.23	238.25 3.37 -163.28	164.95 3.42 -90.23	158.05 3.67 -79.55	148.70 3.34 -74.28	141.18 3.26 -67.06	123.77 3.18 -49.87	101.46 3.26 -27.27	110.97 3.04 -37.21
RUSSELL___1 23602	67.66 -2.38 0.00	66.83 -2.86 0.00	65.29 -3.15 0.00	66.27 -3.41 0.00	66.48 -3.28 0.00	67.80 -2.53 0.00	64.14 -2.46 0.00	52.52 -2.13 0.00	56.30 -2.41 0.00	68.21 -3.28 -1.72	75.40 -2.70 -3.04	72.68 -2.70 -4.41	72.02 -2.90 -4.23	71.91 -2.33 -3.63	70.82 -3.04 -3.18	71.44 -2.83 -3.52	75.00 -1.43 -4.83	79.86 -0.43 -8.99	82.53 -0.22 -7.92	77.48 -1.00 -7.40	76.05 -1.49 -6.68	74.13 -1.56 -4.96	72.65 -0.99 -2.71	73.79 -0.64 -3.70
RUSSELL___2 23532	67.66 -2.38 0.00	66.83 -2.86 0.00	65.29 -3.15 0.00	66.27 -3.41 0.00	66.48 -3.28 0.00	67.80 -2.53 0.00	64.14 -2.46 0.00	52.52 -2.13 0.00	56.30 -2.41 0.00	68.21 -3.28 -1.72	75.40 -2.70 -3.04	72.68 -2.70 -4.41	72.02 -2.90 -4.23	71.91 -2.33 -3.63	70.82 -3.04 -3.18	71.44 -2.83 -3.52	75.00 -1.43 -4.83	79.86 -0.43 -8.99	82.53 -0.22 -7.92	77.48 -1.00 -7.40	76.05 -1.49 -6.68	74.13 -1.56 -4.96	72.65 -0.99 -2.71	73.79 -0.64 -3.70
RUSSELL___3 23549	67.66 -2.38 0.00	66.83 -2.86 0.00	65.29 -3.15 0.00	66.27 -3.41 0.00	66.48 -3.28 0.00	67.80 -2.53 0.00	64.14 -2.46 0.00	52.52 -2.13 0.00	56.30 -2.41 0.00	68.21 -3.28 -1.72	75.40 -2.70 -3.04	72.68 -2.70 -4.41	72.02 -2.90 -4.23	71.91 -2.33 -3.63	70.82 -3.04 -3.18	71.44 -2.83 -3.52	75.00 -1.43 -4.83	79.86 -0.43 -8.99	82.53 -0.22 -7.92	77.48 -1.00 -7.40	76.05 -1.49 -6.68	74.13 -1.56 -4.96	72.65 -0.99 -2.71	73.79 -0.64 -3.70
RUSSELL___4 23556	67.66 -2.38 0.00	66.83 -2.86 0.00	65.29 -3.15 0.00	66.27 -3.41 0.00	66.48 -3.28 0.00	67.80 -2.53 0.00	64.14 -2.46 0.00	52.52 -2.13 0.00	56.30 -2.41 0.00	68.21 -3.28 -1.72	75.40 -2.70 -3.04	72.68 -2.70 -4.41	72.02 -2.90 -4.23	71.91 -2.33 -3.63	70.82 -3.04 -3.18	71.44 -2.83 -3.52	75.00 -1.43 -4.83	79.86 -0.43 -8.99	82.53 -0.22 -7.92	77.48 -1.00 -7.40	76.05 -1.49 -6.68	74.13 -1.56 -4.96	72.65 -0.99 -2.71	73.79 -0.64 -3.70
RUSSELL___STATION 23914	67.66 -2.38 0.00	66.83 -2.86 0.00	65.29 -3.15 0.00	66.27 -3.41 0.00	66.48 -3.28 0.00	67.80 -2.53 0.00	64.14 -2.46 0.00	52.52 -2.13 0.00	56.30 -2.41 0.00	68.21 -3.28 -1.72	75.40 -2.70 -3.04	72.68 -2.70 -4.41	72.02 -2.90 -4.23	71.91 -2.33 -3.63	70.82 -3.04 -3.18	71.44 -2.83 -3.52	75.00 -1.43 -4.83	79.86 -0.43 -8.99	82.53 -0.22 -7.92	77.48 -1.00 -7.40	76.05 -1.49 -6.68	74.13 -1.56 -4.96	72.65 -0.99 -2.71	73.79 -0.64 -3.70
S SALMON___HYD 24043	69.47 -0.56 0.00	68.85 -0.83 0.00	67.48 -0.96 0.00	68.57 -1.12 0.00	68.64 -1.12 0.00	69.49 -0.84 0.00	65.54 -1.07 0.00	53.77 -0.88 0.00	57.77 -0.94 0.00	68.73 -1.04 0.00	73.45 -0.68 0.93	71.57 -0.64 -1.25	70.97 -0.71 -0.99	70.19 -0.71 -0.28	70.05 -0.64 0.00	69.98 -0.78 0.00	71.82 -0.36 -0.57	76.18 -0.14 -5.02	79.18 -0.07 -4.43	75.00 -0.21 -4.13	74.17 -0.42 -3.73	73.07 -0.42 -2.77	72.10 -0.35 -1.52	72.22 -0.57 -2.07
S.PERRY__115KV_TB1 80734	69.20 -0.84 0.00	68.15 -1.53 0.00	66.59 -1.85 0.00	67.52 -2.16 0.00	67.81 -1.95 0.00	69.27 -1.05 0.00	65.74 -0.87 0.00	53.99 -0.66 0.00	57.77 -0.94 0.00	70.41 -1.88 -2.52	77.87 -1.65 -4.46	99.43 -1.49 -29.95	92.74 -1.70 -23.75	74.36 -1.55 -5.30	73.93 -1.41 -4.66	75.14 -0.78 -5.16	79.26 0.64 -7.01	85.95 2.00 -12.66	88.38 2.39 -11.16	82.92 1.42 -10.42	80.97 0.71 -9.41	78.20 0.50 -6.99	75.68 0.92 -3.82	77.21 1.27 -5.21
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	64.85 -5.18 0.00	63.97 -5.71 0.00	62.41 -6.02 0.00	63.41 -6.27 0.00	63.69 -6.07 0.00	65.19 -5.13 0.00	61.61 -5.00 0.00	49.95 -4.70 0.00	53.54 -5.17 0.00	65.08 -6.98 -2.29	72.05 -7.06 -4.05	63.41 -6.53 1.02	64.66 -6.50 -0.48	68.72 -6.43 -4.81	68.48 -6.43 -4.23	69.42 -6.01 -4.68	72.54 -5.44 -6.38	78.91 -3.99 -11.60	81.32 -3.74 -10.23	75.87 -4.76 -9.55	74.03 -5.46 -8.63	71.82 -5.30 -6.41	70.32 -4.11 -3.50	72.32 -4.78 -4.78

SAWYER___23_KV_LOAD 55526	64.85 -5.18 0.00	63.97 -5.71 0.00	62.41 -6.02 0.00	63.41 -6.27 0.00	63.69 -6.07 0.00	65.19 -5.13 0.00	61.61 -5.00 0.00	49.95 -4.70 0.00	53.54 -5.17 0.00	65.08 -6.98 -2.29	72.05 -7.06 -4.05	63.41 -6.53 1.02	64.66 -6.50 -0.48	68.72 -6.71 -4.81	68.48 -6.43 -4.23	69.42 -6.01 -4.68	72.54 -5.44 -6.38	78.91 -3.99 -11.60	81.32 -3.74 -10.23	75.87 -4.76 -9.55	74.03 -5.46 -8.63	71.82 -5.30 -6.41	70.32 -4.11 -3.50	72.32 -3.18 -4.78
SELKIRK___I 23801	73.05 3.01 0.00	72.54 2.86 0.00	71.24 2.81 0.00	72.68 2.99 0.00	72.90 3.14 0.00	73.56 3.24 0.00	69.27 2.67 0.00	86.11 2.08 -29.39	87.56 2.29 -26.57	103.02 2.79 -30.45	132.07 3.30 -53.71	132.93 3.20 -58.76	134.07 3.11 -60.28	133.88 3.10 -60.16	129.98 3.04 -56.25	136.04 2.97 -62.32	154.56 3.01 -79.95	159.14 2.92 -84.91	152.84 3.14 -74.87	143.90 2.92 -69.91	136.94 2.98 -63.11	120.62 2.97 -46.93	99.64 3.05 -25.66	108.84 3.11 -35.02
SELKIRK___II 23799	72.70 2.66 0.00	72.19 2.50 0.00	70.90 2.46 0.00	72.33 2.65 0.00	72.48 2.72 0.00	73.21 2.88 0.00	69.00 2.39 0.00	88.56 2.02 -31.89	89.82 2.29 -28.82	104.84 2.79 -32.27	135.35 3.38 -56.91	135.33 3.20 -61.17	136.84 3.11 -63.04	137.16 3.03 -63.52	133.27 2.97 -59.62	139.70 2.90 -66.04	158.80 2.94 -84.26	159.81 2.78 -85.73	153.41 3.00 -75.59	144.42 2.77 -70.58	137.41 2.84 -63.72	120.94 2.83 -47.39	99.75 2.91 -25.91	108.97 2.90 -35.35
SENECA OSWGO___HYD 24041	68.43 -1.61 0.00	67.81 -1.88 0.00	66.52 -1.92 0.00	67.73 -1.95 0.00	67.81 -1.95 0.00	68.71 -1.61 0.00	64.87 -1.73 0.00	53.17 -1.47 0.00	57.18 -1.53 0.00	67.96 -1.81 0.00	73.35 -1.72 -0.01	70.84 -1.56 -1.44	70.22 -1.56 -1.09	69.37 -1.55 -0.31	69.13 -1.56 0.00	69.20 -1.56 0.00	71.06 -1.29 -0.75	75.83 -1.00 -5.53	78.65 -1.05 -4.87	74.42 -1.21 -4.55	73.62 -1.35 -4.11	72.28 -1.49 -3.05	71.18 -1.42 -1.67	71.58 -1.41 -2.28
SENECA___115KV_TB3 355854	65.48 -4.55 0.00	64.53 -5.16 0.00	62.96 -5.47 0.00	63.97 -5.71 0.00	64.25 -5.51 0.00	65.83 -4.50 0.00	62.28 -4.33 0.00	50.49 -4.15 0.00	54.13 -4.58 0.00	65.96 -6.21 -2.40	72.70 -6.61 -4.24	64.03 -5.89 1.04	65.48 -5.73 -0.52	69.23 -6.43 -5.04	69.60 -5.51 -4.43	70.64 -5.02 -4.91	73.27 -5.01 -6.68	79.85 -3.57 -12.11	82.22 -3.29 -10.68	76.79 -4.26 -9.97	74.90 -4.96 -9.00	72.53 -4.88 -6.69	70.83 -3.76 -3.66	72.88 -2.83 -4.99
SENECA___ENERGY 23797	69.12 -0.91 0.00	68.29 -1.39 0.00	67.00 -1.44 0.00	68.15 -1.53 0.00	68.29 -1.47 0.00	69.49 -0.84 0.00	65.74 -0.87 0.00	53.99 -0.65 0.00	58.01 -0.70 0.00	70.46 -1.25 -0.90	77.60 -0.78 -0.71	76.77 -0.71 -0.84	75.96 -0.71 -0.84	73.87 -0.71 -0.84	73.57 -0.71 -0.84	74.24 -0.49 -0.49	77.11 0.07 0.00	81.97 0.71 0.90	84.51 0.90 0.36	79.64 0.36 0.00	78.26 0.00 -0.28	75.94 -0.28 -3.01	73.87 -0.07 -3.01	74.82 0.00 -4.10
SHOEMAKER___GT 23640	73.12 3.08 0.00	72.54 2.86 0.00	71.18 2.74 0.00	72.47 2.79 0.00	72.62 2.86 0.00	73.50 3.17 0.00	69.53 2.93 0.00	63.72 2.62 -6.45	67.53 2.99 -5.83	85.77 3.77 -12.24	101.22 4.50 -21.66	106.76 4.26 -31.54	105.07 4.17 -30.22	100.60 4.09 -25.90	97.61 4.31 -22.61	100.19 4.39 -25.04	111.70 4.65 -35.44	140.44 4.49 -64.65	136.47 4.64 -57.00	128.49 4.19 -53.22	122.87 3.97 -48.05	110.32 3.96 -35.65	94.47 4.04 -19.49	100.99 3.68 -26.60
SHOEMAKR_138KV_BK 111 55601	73.12 3.08 0.00	72.47 2.79 0.00	71.10 2.67 0.00	72.47 2.79 0.00	72.55 2.79 0.00	73.42 3.09 0.00	69.54 2.93 0.00	63.67 2.62 -6.40	67.49 2.99 -5.78	85.69 3.77 -12.15	101.07 4.50 -21.50	106.62 4.33 -31.32	104.87 4.17 -30.01	100.42 4.10 -25.71	97.45 4.31 -22.45	100.01 4.39 -24.87	111.38 4.58 -35.19	140.01 4.49 -64.21	136.09 4.64 -56.62	128.14 4.19 -52.87	122.55 3.97 -47.73	110.09 3.96 -35.41	94.34 4.04 -19.36	100.82 3.68 -26.42
SHOREHAM_IC_1 23715	93.47 7.84 -15.59	87.68 7.38 -10.61	81.84 6.91 -6.49	79.98 6.97 -3.33	80.04 7.04 -3.24	81.99 7.45 -4.21	89.30 7.26 -15.43	88.18 6.34 -27.20	89.19 7.04 -23.44	104.33 8.37 -26.19	116.91 8.85 -33.00	120.78 8.16 -41.66	123.86 7.92 -45.26	118.83 7.98 -40.24	116.01 8.41 -36.92	118.98 8.63 -39.59	130.69 8.95 -50.13	158.65 8.48 -78.87	153.51 9.13 -69.55	144.63 8.38 -65.17	138.04 7.65 -59.53	121.06 7.49 -42.85	103.83 7.87 -25.03	107.12 7.22 -29.19
SHOREHAM_IC_2 23716	93.47 7.84 -15.59	87.68 7.38 -10.61	81.84 6.91 -6.49	79.98 6.97 -3.33	80.04 7.04 -3.24	81.99 7.45 -4.21	89.30 7.26 -15.43	88.18 6.34 -27.20	89.19 7.04 -23.44	104.33 8.37 -26.19	116.91 8.85 -33.00	120.78 8.16 -41.66	123.86 7.92 -45.26	118.83 7.98 -40.24	116.01 8.41 -36.92	118.98 8.63 -39.59	130.69 8.95 -50.13	158.65 8.48 -78.87	153.51 9.13 -69.55	144.63 8.38 -65.17	138.04 7.65 -59.53	121.06 7.49 -42.85	103.83 7.87 -25.03	107.12 7.22 -29.19
SISSONVILLE____ 23735	69.06 -0.98 0.00	69.13 -0.56 0.00	67.75 -0.68 0.00	68.85 -0.84 0.00	68.50 -1.26 0.00	67.87 -2.46 0.00	64.21 -2.40 0.00	53.17 -1.48 0.00	56.71 -2.00 0.00	67.05 -2.72 10.50	61.49 -3.08 0.71	67.21 -3.05 0.00	67.58 -3.11 0.00	67.58 -3.04 0.00	67.51 -3.18 0.00	67.15 -3.61 0.00	66.55 -3.87 1.19	67.24 -4.06 0.00	70.71 -4.12 0.00	67.52 -3.55 0.00	67.74 -3.12 0.00	68.38 -2.33 0.00	68.73 -2.20 0.00	69.02 -1.70 0.00
SITHE_IND_GS1 24169	67.66 -2.38 0.00	67.11 -2.58 0.00	65.84 -2.60 0.00	66.97 -2.72 0.00	67.11 -2.65 0.00	67.86 -2.46 0.00	64.07 -2.53 0.00	52.52 -2.13 0.00	56.42 -2.29 0.00	66.98 -2.79 0.00	72.22 -2.85 -0.01	69.40 -2.62 -1.06	68.87 -2.61 -0.80	68.23 -2.61 -0.23	68.07 -2.61 0.00	68.14 -2.62 0.00	69.79 -2.36 -0.55	73.22 -2.14 -4.06	76.16 -2.24 -3.58	72.14 -2.28 -3.34	71.46 -2.41 -3.01	70.48 -2.48 -2.24	69.82 -2.34 -1.22	70.06 -2.33 -1.67
SITHE_IND_GS2 24170	67.66 -2.38 0.00	67.11 -2.58 0.00	65.84 -2.60 0.00	66.97 -2.72 0.00	67.11 -2.65 0.00	67.86 -2.46 0.00	64.07 -2.53 0.00	52.52 -2.13 0.00	56.42 -2.29 0.00	66.98 -2.79 0.00	72.22 -2.85 -0.01	69.40 -2.62 -1.06	68.87 -2.61 -0.80	68.23 -2.61 -0.23	68.07 -2.61 0.00	68.14 -2.62 0.00	69.79 -2.36 -0.55	73.22 -2.14 -4.06	76.16 -2.24 -3.58	72.14 -2.28 -3.34	71.46 -2.41 -3.01	70.48 -2.48 -2.24	69.82 -2.34 -1.22	70.06 -2.33 -1.67
SITHE_IND_GS3 24171	67.66 -2.38 0.00	67.11 -2.58 0.00	65.84 -2.60 0.00	66.97 -2.72 0.00	67.11 -2.65 0.00	67.86 -2.46 0.00	64.07 -2.53 0.00	52.52 -2.13 0.00	56.42 -2.29 0.00	66.98 -2.79 0.00	72.22 -2.85 -0.01	69.40 -2.62 -1.06	68.87 -2.61 -0.80	68.23 -2.61 -0.23	68.07 -2.61 0.00	68.14 -2.62 0.00	69.79 -2.36 -0.55	73.22 -2.14 -4.06	76.16 -2.24 -3.58	72.14 -2.28 -3.34	71.46 -2.41 -3.01	70.48 -2.48 -2.24	69.82 -2.34 -1.22	70.06 -2.33 -1.67
SITHE_IND_GS4 24172	67.66 -2.38 0.00	67.11 -2.58 0.00	65.84 -2.60 0.00	66.97 -2.72 0.00	67.11 -2.65 0.00	67.86 -2.46 0.00	64.07 -2.53 0.00	52.52 -2.13 0.00	56.42 -2.29 0.00	66.98 -2.79 0.00	72.22 -2.85 -0.01	69.40 -2.62 -1.06	68.87 -2.61 -0.80	68.23 -2.61 -0.23	68.07 -2.61 0.00	68.14 -2.62 0.00	69.79 -2.36 -0.55	73.22 -2.14 -4.06	76.16 -2.24 -3.58	72.14 -2.28 -3.34	71.46 -2.41 -3.01	70.48 -2.48 -2.24	69.82 -2.34 -1.22	70.06 -2.33 -1.67

SITHE___BATAVIA 24024	66.82 -3.22 0.00	65.85 -3.83 0.00	64.19 -4.24 0.00	65.08 -4.60 0.00	65.37 -4.39 0.00	66.95 -3.37 0.00	63.41 -3.20 0.00	51.70 -2.95 0.00	55.36 -3.34 0.00	67.11 -4.67 -2.01	74.04 -4.58 -3.56	68.72 -3.76 -1.52	69.23 -3.68 -2.22	70.76 -4.10 -4.24	69.95 -4.45 -3.72	70.77 -4.11 -4.12	74.44 -2.79 -5.63	80.36 -1.28 -10.34	82.89 -1.05 -9.11	77.52 -2.06 -8.51	75.92 -2.62 -7.68	73.60 -2.83 -5.71	72.14 -1.91 -3.12	73.71 -1.27 -4.26
SITHE___INDEPEND 23800	67.66 -2.38 0.00	67.11 -2.58 0.00	65.84 -2.60 0.00	66.97 -2.72 0.00	67.11 -2.65 0.00	67.87 -2.46 0.00	64.07 -2.53 0.00	52.52 -2.13 0.00	56.42 -2.29 0.00	66.98 -2.79 0.00	72.29 -2.78 -0.01	69.40 -2.63 -1.06	68.87 -2.62 -0.80	68.23 -2.61 -0.23	68.07 -2.62 0.00	68.14 -2.62 0.00	69.79 -2.36 -0.55	73.15 -2.21 -4.06	76.16 -2.24 -3.58	72.14 -2.27 -3.34	71.46 -2.41 -3.01	70.55 -2.40 -2.24	69.82 -2.34 -1.22	70.06 -2.33 -1.67
SITHE___MASSENA 23902	69.34 -0.70 0.00	69.41 -0.28 0.00	68.16 -0.27 0.00	69.27 -0.42 0.00	69.20 -0.56 0.00	68.92 -1.41 0.00	65.61 -1.00 0.00	54.21 -0.44 0.00	57.89 -0.82 0.00	68.44 -1.33 0.00	60.48 -1.87 12.71	68.20 -1.91 0.86	68.71 -1.98 0.00	68.71 -1.90 0.00	68.71 -1.98 0.00	68.64 -2.12 0.00	67.73 -2.43 1.44	68.74 -2.56 0.00	72.21 -2.62 0.00	68.95 -2.13 0.00	69.09 -1.77 0.00	69.23 -1.49 0.00	69.30 -1.63 0.00	69.45 -1.27 0.00
SITHE___OGDNSBRG 24021	70.25 0.21 0.00	70.31 0.63 0.00	68.91 0.48 0.00	69.96 0.28 0.00	69.76 0.00 0.00	69.41 -0.91 0.00	66.01 -0.60 0.00	54.59 -0.05 0.00	58.24 -0.47 0.00	68.79 -0.98 0.00	62.20 -1.50 11.36	68.57 -1.63 0.76	69.06 -1.63 0.00	68.99 -1.62 0.00	68.99 -1.70 0.00	68.99 -1.77 0.00	68.31 -2.00 1.29	69.16 -2.14 0.00	72.66 -2.17 0.00	69.37 -1.71 0.00	69.65 -1.20 0.00	69.87 -0.85 0.00	69.94 -0.99 0.00	70.08 -0.64 0.00
SITHE___STERLING 23777	72.28 2.24 0.00	71.63 1.95 0.00	70.21 1.78 0.00	71.35 1.67 0.00	71.51 1.74 0.00	72.58 2.25 0.00	68.60 2.00 0.00	56.29 1.64 0.00	60.59 1.88 0.00	71.86 2.09 0.00	77.69 2.63 -0.01	74.57 2.48 -1.13	74.01 2.47 -0.85	73.18 2.33 -0.24	73.30 2.62 0.00	73.45 2.69 0.00	75.05 2.87 -0.58	78.55 2.92 -4.33	81.71 3.07 -3.81	77.34 2.70 -3.56	76.62 2.55 -3.22	75.51 2.41 -2.39	74.51 2.27 -1.31	74.62 2.12 -1.78
SLEIGHT__34_KV_TB1 80719	68.08 -1.96 0.00	67.32 -2.37 0.00	65.90 -2.53 0.00	66.90 -2.79 0.00	67.11 -2.65 0.00	68.29 -2.04 0.00	64.67 -1.93 0.00	53.01 -1.64 0.00	56.95 -1.76 0.00	69.11 -2.37 -1.71	76.14 -1.95 -3.03	73.50 -1.85 -4.38	72.84 -2.05 -4.21	72.60 -1.62 -3.62	71.73 -2.12 -3.16	72.35 -1.91 -3.50	75.48 -0.93 -4.81	80.01 -0.21 -8.93	82.70 0.00 -7.87	77.79 -0.64 -7.35	76.43 -1.06 -6.64	74.45 -1.20 -4.93	72.78 -0.85 -2.70	73.69 -0.71 -3.68
SOUTH CAIRO___GT 23612	75.78 5.74 0.00	75.19 5.51 0.00	73.77 5.34 0.00	75.26 5.57 0.00	75.55 5.79 0.00	76.17 5.84 0.00	71.67 5.06 0.00	86.80 3.44 -28.71	88.48 3.82 -25.96	103.92 4.47 -29.68	132.29 4.88 -52.35	132.59 4.47 -57.16	133.74 4.38 -58.67	133.32 4.10 -58.61	129.69 4.17 -54.83	136.09 4.60 -60.74	154.27 4.80 -77.87	158.25 4.63 -82.32	152.12 4.71 -72.58	143.04 4.19 -67.77	136.29 4.25 -61.18	120.46 4.24 -45.50	100.07 4.26 -24.88	108.91 4.24 -33.94
SOUTH HAMPTN___IC 23720	93.97 8.33 -15.61	88.04 7.73 -10.62	82.05 7.12 -6.50	80.19 7.18 -3.33	80.19 7.19 -3.24	82.21 7.67 -4.21	89.44 7.39 -15.44	88.36 6.50 -27.21	89.38 7.22 -23.45	104.55 8.58 -26.20	117.09 9.15 -32.88	120.91 8.37 -41.57	123.92 8.13 -45.11	118.89 8.19 -40.09	116.15 8.69 -36.77	119.04 8.84 -39.44	130.77 9.17 -49.99	158.84 8.77 -78.77	153.64 9.35 -69.46	144.68 8.53 -65.08	138.09 7.79 -59.44	121.09 7.57 -42.80	103.92 8.01 -24.98	107.33 7.42 -29.19
SOUTHDOW_115KV_TB1 355954	66.89 -3.15 0.00	65.85 -3.83 0.00	64.19 -4.24 0.00	65.15 -4.53 0.00	65.51 -4.26 0.00	67.16 -3.16 0.00	63.74 -2.86 0.00	51.91 -2.73 0.00	55.71 -2.99 0.00	68.26 -4.12 -2.60	75.01 -4.65 -4.60	69.54 -3.90 -2.48	70.56 -3.39 -3.26	71.35 -4.73 -5.47	72.60 -2.90 -4.81	73.75 -2.33 -5.32	75.97 -2.86 -7.23	83.00 -1.35 -13.05	85.36 -0.97 -11.51	79.76 -2.06 -10.74	77.79 -2.76 -9.70	75.24 -2.69 -7.21	73.38 -1.49 -3.94	75.53 -0.57 -5.38
SOUTHOLD_69_KV_BK 2 55809	94.61 8.96 -15.61	88.39 8.08 -10.62	82.19 7.25 -6.50	80.19 7.18 -3.33	80.18 7.19 -3.24	82.20 7.67 -4.21	89.51 7.46 -15.44	88.47 6.61 -27.21	89.50 7.34 -23.45	105.04 9.07 -26.20	117.48 9.53 -32.88	120.91 8.37 -41.58	123.86 8.06 -45.11	118.90 8.19 -40.10	116.16 8.69 -36.77	119.05 8.84 -39.45	130.84 9.24 -50.00	158.99 8.91 -78.78	153.87 9.58 -69.47	144.76 8.60 -65.08	138.03 7.72 -59.45	121.02 7.50 -42.80	103.86 7.94 -24.98	107.54 7.64 -29.19
SOUTHOLD___IC 23719	94.61 8.97 -15.61	88.38 8.08 -10.62	82.18 7.25 -6.50	80.19 7.18 -3.33	80.19 7.19 -3.24	82.21 7.67 -4.21	89.51 7.46 -15.44	88.47 6.61 -27.21	89.50 7.34 -23.45	104.69 8.72 -26.20	117.25 9.31 -32.88	120.84 8.30 -41.58	123.86 8.06 -45.11	118.83 8.12 -40.10	116.15 8.69 -36.77	119.05 8.84 -39.45	130.84 9.24 -50.00	158.99 8.91 -78.78	153.87 9.58 -69.47	144.76 8.60 -65.08	138.03 7.72 -59.45	121.01 7.49 -42.80	103.86 7.94 -24.98	107.55 7.64 -29.19
SOUTH_FORK_WT_PWR 323839	94.40 8.75 -15.61	87.97 7.67 -10.62	81.57 6.64 -6.50	79.49 6.48 -3.33	79.49 6.49 -3.24	81.50 6.96 -4.21	88.85 6.80 -15.44	87.93 6.07 -27.21	88.85 6.69 -23.45	103.99 8.02 -26.20	116.49 8.55 -32.88	120.06 7.52 -41.57	123.08 7.28 -45.11	118.05 7.34 -40.10	115.30 7.85 -36.77	118.27 8.06 -39.44	129.97 8.37 -50.00	158.13 8.05 -78.77	153.04 8.75 -69.46	143.98 7.82 -65.08	137.17 6.87 -59.44	120.16 6.65 -42.80	103.07 7.16 -24.98	106.98 7.07 -29.19
SPIERFLS_115KV_TB 1 80737	73.12 3.08 0.00	72.54 2.86 0.00	71.17 2.74 0.00	72.68 3.00 0.00	73.11 3.35 0.00	73.63 3.31 0.00	69.60 3.00 0.00	132.40 2.62 -75.13	129.56 2.94 -67.91	135.97 3.70 -62.50	189.22 4.13 -110.04	173.31 3.90 -98.44	183.22 5.58 -106.95	194.85 5.58 -118.66	191.86 5.73 -115.45	204.52 5.87 -127.89	232.46 6.01 -154.84	166.57 5.99 -89.28	159.98 6.44 -78.72	150.34 5.76 -73.50	142.81 5.60 -66.36	125.44 5.37 -49.35	103.31 5.39 -26.98	112.70 5.16 -36.82
ST LAWRENCE____ 23600	68.85 -1.19 0.00	68.85 -0.83 0.00	67.68 -0.75 0.00	68.85 -0.83 0.00	68.78 -0.98 0.00	68.71 -1.61 0.00	65.41 -1.20 0.00	53.77 -0.88 0.00	57.59 -1.12 0.00	68.30 -1.47 0.00	59.66 -2.10 13.30	68.01 -2.06 0.90	68.64 -2.05 0.00	68.64 -1.98 0.00	68.57 -2.12 0.00	68.56 -2.19 0.00	67.52 -2.57 1.51	68.66 -2.64 0.00	71.98 -2.84 0.00	68.66 -2.42 0.00	68.80 -2.06 0.00	68.81 -1.91 0.00	68.87 -2.06 0.00	68.95 -1.77 0.00
STATE_CA_115KV_115_LB 55624	73.19 3.15 0.00	72.61 2.93 0.00	71.31 2.87 0.00	72.75 3.07 0.00	72.90 3.14 0.00	73.63 3.31 0.00	69.47 2.86 0.00	109.89 2.57 -52.67	109.19 2.88 -47.61	120.09 3.56 -46.76	161.63 4.20 -82.37	153.95 4.04 -78.94	158.60 3.89 -84.02	164.35 3.81 -89.92	160.73 3.68 -86.37	169.97 3.54 -95.68	193.08 3.44 -118.04	161.45 3.07 -87.09	154.98 3.37 -76.79	145.90 3.13 -71.70	138.77 3.19 -64.73	122.12 3.25 -48.15	100.59 3.33 -26.33	110.11 3.47 -35.92

STATE_ST_34_KV_LOAD 55959	70.25 0.21 0.00	69.41 -0.28 0.00	68.16 -0.27 0.00	69.34 -0.35 0.00	69.48 -0.28 0.00	70.61 0.28 0.00	66.74 0.13 0.00	54.81 0.16 0.00	58.89 0.18 0.00	71.78 0.07 -1.94	78.87 0.38 -3.44	77.29 0.50 -5.83	76.60 0.49 -5.41	75.06 0.35 -4.09	74.77 0.49 -3.59	75.37 0.64 -3.98	78.17 1.15 -5.43	82.78 1.57 -9.91	85.36 1.80 -8.74	80.59 1.35 -8.16	79.22 0.99 -7.37	77.04 0.85 -5.47	74.85 0.92 -2.99	75.65 0.85 -4.08
STATION 5_MISC_HYD 23604	67.30 -2.73 0.00	66.55 -3.13 0.00	65.02 -3.42 0.00	65.99 -3.70 0.00	66.21 -3.56 0.00	67.51 -2.82 0.00	63.87 -2.73 0.00	52.19 -2.46 0.00	56.01 -2.70 0.00	67.86 -3.63 -1.72	74.72 -3.38 -3.04	72.25 -3.12 -4.41	71.74 -3.18 -4.23	71.56 -2.68 -3.63	70.47 -3.39 -3.18	71.09 -3.18 -3.52	74.57 -1.86 -4.83	79.44 -0.85 -8.99	82.08 -0.67 -7.92	77.06 -1.42 -7.40	75.69 -1.84 -6.68	73.70 -1.98 -4.96	72.23 -1.42 -2.71	73.43 -0.99 -3.70
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	68.78 -1.26 0.00	67.94 -1.74 0.00	66.45 -1.98 0.00	67.52 -2.16 0.00	67.67 -2.09 0.00	68.92 -1.41 0.00	65.27 -1.33 0.00	53.55 -1.09 0.00	57.48 -1.23 0.00	69.71 -1.81 -1.76	76.82 -1.35 -3.11	74.26 -1.21 -4.50	73.59 -1.41 -4.32	73.27 -1.06 -3.71	72.45 -1.48 -3.25	73.08 -1.27 -3.60	76.32 -0.21 -4.93	81.03 0.57 -9.16	83.72 0.82 -8.07	78.76 0.14 -7.54	77.31 -0.35 -6.81	75.35 -0.42 -5.06	73.63 -0.07 -2.77	74.56 0.07 -3.77
STA_56_34_KV_BUS2_REV_LBMP_B 345033	67.10 -2.94 0.00	66.34 -3.34 0.00	64.81 -3.63 0.00	65.78 -3.90 0.00	66.06 -3.70 0.00	67.23 -3.09 0.00	63.67 -2.93 0.00	52.08 -2.57 0.00	55.89 -2.82 0.00	67.71 -3.77 -1.71	74.77 -3.30 -3.02	72.08 -3.26 -4.38	71.42 -3.46 -4.20	71.32 -2.90 -3.61	70.30 -3.53 -3.15	70.92 -3.33 -3.49	74.32 -2.08 -4.79	79.01 -1.21 -8.93	81.72 -0.97 -7.87	76.72 -1.71 -7.35	75.29 -2.20 -6.63	73.45 -2.19 -4.93	71.93 -1.70 -2.70	73.05 -1.34 -3.68
STA_56__34_KV_BUS2 355983	67.10 -2.94 0.00	66.34 -3.34 0.00	64.81 -3.63 0.00	65.78 -3.90 0.00	66.06 -3.70 0.00	67.23 -3.09 0.00	63.67 -2.93 0.00	52.08 -2.57 0.00	55.89 -2.82 0.00	67.71 -3.77 -1.71	74.77 -3.30 -3.02	72.08 -3.26 -4.38	71.42 -3.46 -4.20	71.32 -2.90 -3.61	70.30 -3.53 -3.15	70.92 -3.33 -3.49	74.32 -2.08 -4.79	79.01 -1.21 -8.93	81.72 -0.97 -7.87	76.72 -1.71 -7.35	75.29 -2.20 -6.63	73.45 -2.19 -4.93	71.93 -1.70 -2.70	73.05 -1.34 -3.68
STA_67__115KV_BK2 355882	67.17 -2.87 0.00	66.41 -3.28 0.00	64.88 -3.56 0.00	65.85 -3.83 0.00	66.13 -3.63 0.00	67.37 -2.95 0.00	63.74 -2.86 0.00	52.08 -2.57 0.00	55.89 -2.82 0.00	67.65 -3.84 -1.72	74.79 -3.30 -3.04	72.10 -3.26 -4.40	71.38 -3.53 -4.22	71.34 -2.90 -3.63	70.25 -3.61 -3.17	70.94 -3.33 -3.51	74.35 -2.08 -4.82	79.14 -1.14 -8.98	81.85 -0.90 -7.92	76.83 -1.63 -7.39	75.40 -2.13 -6.67	73.48 -2.19 -4.96	72.08 -1.56 -2.71	73.22 -1.20 -3.70
STA_7__115KV_9TRANS 80674	67.66 -2.38 0.00	66.83 -2.86 0.00	65.29 -3.15 0.00	66.27 -3.41 0.00	66.48 -3.28 0.00	67.80 -2.53 0.00	64.14 -2.46 0.00	52.52 -2.13 0.00	56.30 -2.41 0.00	68.21 -3.28 -1.72	75.40 -2.70 -3.04	72.68 -2.70 -4.41	72.02 -2.90 -4.23	71.91 -2.33 -3.63	70.82 -3.04 -3.18	71.44 -2.83 -3.52	75.00 -1.43 -4.83	79.86 -0.43 -8.99	82.53 -0.22 -7.92	77.48 -1.00 -7.40	76.05 -1.49 -6.68	74.13 -1.56 -4.96	72.65 -0.99 -2.71	73.79 -0.64 -3.70
STA_82__115KV_TB1 80780	67.24 -2.80 0.00	66.41 -3.28 0.00	64.95 -3.49 0.00	65.92 -3.76 0.00	66.13 -3.63 0.00	67.37 -2.95 0.00	63.74 -2.86 0.00	52.13 -2.51 0.00	55.89 -2.82 0.00	67.73 -3.77 -1.73	74.82 -3.30 -3.06	72.14 -3.26 -4.44	71.48 -3.46 -4.26	71.44 -2.82 -3.65	70.35 -3.53 -3.19	70.97 -3.33 -3.54	74.46 -2.00 -4.86	79.27 -1.07 -9.03	81.97 -0.82 -7.97	76.95 -1.56 -7.44	75.45 -2.13 -6.72	73.59 -2.12 -4.99	72.10 -1.56 -2.73	73.31 -1.13 -3.72
STEEL__WIND 323596	65.35 -4.69 0.00	64.39 -5.30 0.00	62.89 -5.54 0.00	63.83 -5.85 0.00	64.18 -5.58 0.00	65.68 -4.64 0.00	62.14 -4.46 0.00	50.38 -4.26 0.00	54.07 -4.64 0.00	65.82 -6.35 -2.40	72.84 -6.46 -4.24	63.89 -6.03 1.04	65.48 -5.72 -0.52	69.09 -6.56 -5.04	69.53 -5.59 -4.43	70.50 -5.16 -4.91	73.20 -5.08 -6.68	79.78 -3.63 -12.11	82.07 -3.44 -10.68	76.71 -4.34 -9.97	74.97 -4.89 -9.00	72.46 -4.95 -6.69	70.76 -3.83 -3.66	72.81 -2.90 -4.99
STEPHTWN_115KV_BK_2 55603	73.82 3.78 0.00	73.24 3.55 0.00	71.86 3.42 0.00	73.31 3.62 0.00	73.60 3.84 0.00	74.34 4.01 0.00	70.07 3.46 0.00	100.42 3.06 -42.71	100.72 3.41 -38.61	113.75 4.19 -39.79	150.06 4.88 -70.12	145.96 4.68 -70.31	149.01 4.45 -73.87	152.12 4.31 -77.20	148.36 4.17 -73.50	156.28 4.10 -81.42	177.44 4.08 -101.76	161.21 3.78 -86.13	154.89 4.12 -75.94	145.75 3.77 -70.91	138.77 3.90 -64.02	122.23 3.89 -47.62	100.94 3.97 -26.04	110.28 4.03 -35.53
STEUBEN_REC_LFGE 323667	67.17 -2.87 0.00	65.99 -3.69 0.00	64.67 -3.76 0.00	65.71 -3.97 0.00	65.99 -3.77 0.00	67.51 -2.81 0.00	64.14 -2.46 0.00	54.43 -2.13 -1.92	57.98 -2.47 -1.73	69.33 -3.70 -3.26	77.14 -3.68 -5.76	91.38 -3.05 -23.47	87.30 -2.69 -19.30	74.25 -3.18 -6.82	74.93 -1.77 -6.01	76.43 -0.99 -6.66	80.18 -0.72 -9.29	87.80 0.57 -15.93	89.70 0.82 -14.05	84.12 -0.07 -13.12	81.71 -0.99 -11.84	78.17 -1.34 -8.80	74.75 -0.99 -4.81	76.79 -0.50 -6.56
STILLWATER__SOLAR 323814	73.96 3.92 0.00	73.38 3.69 0.00	71.99 3.56 0.00	73.44 3.76 0.00	73.73 3.97 0.00	74.41 4.08 0.00	70.27 3.66 0.00	130.50 3.28 -72.58	127.89 3.58 -65.60	134.80 4.33 -60.70	186.81 4.88 -106.87	171.73 4.61 -96.15	180.07 5.09 -104.29	190.99 5.01 -115.36	188.05 5.23 -112.13	200.20 5.24 -124.21	227.65 5.44 -150.60	165.45 5.35 -88.80	158.81 5.68 -78.30	149.31 5.12 -73.11	141.89 5.03 -66.00	124.68 4.88 -49.09	102.74 4.96 -26.84	112.16 4.81 -36.63
STONY__BROOK 24151	93.02 7.42 -15.56	87.31 7.04 -10.59	81.55 6.64 -6.48	79.76 6.76 -3.32	79.76 6.76 -3.23	81.77 7.25 -4.20	89.00 6.99 -15.40	87.93 6.12 -27.16	88.92 6.81 -23.40	104.10 8.16 -26.17	117.05 8.78 -33.21	120.81 8.02 -41.83	124.00 7.78 -45.54	118.96 7.84 -40.51	116.15 8.27 -37.20	118.98 8.35 -39.87	130.66 8.66 -50.40	158.42 8.05 -79.06	153.30 8.75 -69.72	144.44 8.03 -65.33	137.99 7.44 -59.69	120.95 7.29 -42.94	103.78 7.73 -25.12	106.84 6.93 -29.19
STURGEON_POOL_HYD 23609	73.96 3.92 0.00	73.31 3.62 0.00	71.93 3.49 0.00	73.31 3.62 0.00	73.39 3.63 0.00	74.27 3.94 0.00	70.33 3.73 0.00	68.86 2.95 -11.26	72.23 3.35 -10.18	90.50 4.26 -16.48	109.28 5.10 -29.12	114.41 4.75 -38.69	113.18 4.67 -37.83	109.18 4.52 -34.04	105.93 4.81 -30.43	109.35 4.88 -33.71	122.96 5.23 -46.13	148.86 5.13 -72.43	143.93 5.24 -63.86	135.47 4.76 -59.63	129.23 4.53 -53.83	115.19 4.46 -40.01	97.42 4.61 -21.88	104.67 4.10 -29.85
ST_LAW_115_BK7_LBMP 345037	68.78 -1.26 0.00	68.85 -0.83 0.00	67.62 -0.82 0.00	68.78 -0.91 0.00	68.72 -1.04 0.00	68.57 -1.76 0.00	65.34 -1.27 0.00	53.77 -0.88 0.00	57.54 -1.17 0.00	68.23 -1.54 0.00	59.64 -2.25 13.17	67.88 -2.20 0.89	68.50 -2.19 0.00	68.50 -2.12 0.00	68.42 -2.26 0.00	68.42 -2.33 0.00	67.32 -2.79 1.49	68.45 -2.85 0.00	71.83 -3.00 0.00	68.52 -2.56 0.00	68.66 -2.20 0.00	68.74 -1.98 0.00	68.73 -2.20 0.00	68.81 -1.91 0.00

ST_LAW_115_BK8_LBMP 345038	68.78 -1.26 0.00	68.85 -0.83 0.00	67.62 -0.82 0.00	68.78 -0.91 0.00	68.72 -1.04 0.00	68.57 -1.76 0.00	65.34 -1.27 0.00	53.77 -0.88 0.00	57.54 -1.17 0.00	68.23 -1.54 0.00	59.64 -2.25 13.17	67.88 -2.20 0.89	68.50 -2.19 0.00	68.50 -2.12 0.00	68.42 -2.26 0.00	68.42 -2.33 0.00	67.32 -2.79 1.49	68.45 -2.85 0.00	71.83 -3.00 0.00	68.52 -2.56 0.00	68.66 -2.20 0.00	68.74 -1.98 0.00	68.73 -2.20 0.00	68.81 -1.91 0.00
ST_LAW_230_BK5_LBMP 345035	68.85 -1.19 0.00	68.85 -0.83 0.00	67.68 -0.75 0.00	68.85 -0.83 0.00	68.78 -0.98 0.00	68.71 -1.61 0.00	65.41 -1.20 0.00	53.77 -0.88 0.00	57.59 -1.12 0.00	68.30 -1.47 0.00	59.51 -2.10 13.44	68.00 -2.06 0.91	68.64 -2.05 0.00	68.64 -1.98 0.00	68.57 -2.12 0.00	68.56 -2.19 0.00	67.51 -2.57 1.52	68.66 -2.64 0.00	71.98 -2.84 0.00	68.66 -2.42 0.00	68.80 -2.06 0.00	68.81 -1.91 0.00	68.87 -2.06 0.00	68.95 -1.77 0.00
ST_LAW_230_BK6_LBMP 345036	68.85 -1.19 0.00	68.85 -0.83 0.00	67.68 -0.75 0.00	68.85 -0.83 0.00	68.78 -0.98 0.00	68.71 -1.61 0.00	65.41 -1.20 0.00	53.77 -0.88 0.00	57.59 -1.12 0.00	68.30 -1.47 0.00	59.51 -2.10 13.44	68.00 -2.06 0.91	68.64 -2.05 0.00	68.64 -1.98 0.00	68.57 -2.12 0.00	68.56 -2.19 0.00	67.51 -2.57 1.52	68.66 -2.64 0.00	71.98 -2.84 0.00	68.66 -2.42 0.00	68.80 -2.06 0.00	68.81 -1.91 0.00	68.87 -2.06 0.00	68.95 -1.77 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	73.33 3.29 0.00	72.75 3.07 0.00	71.38 2.94 0.00	72.68 3.00 0.00	72.83 3.07 0.00	73.70 3.38 0.00	69.80 3.20 0.00	64.16 2.90 -6.62	67.98 3.29 -5.98	86.55 4.26 -12.53	102.33 5.10 -22.16	108.04 4.83 -32.25	106.26 4.67 -30.91	101.70 4.59 -26.50	98.70 4.88 -23.14	101.27 4.88 -25.63	112.95 5.08 -36.27	142.38 4.99 -66.09	138.26 5.16 -58.27	130.18 4.69 -54.41	124.44 4.46 -49.12	111.54 4.38 -36.44	95.33 4.47 -19.92	102.01 4.10 -27.19
SWANROAD_115KV_TB1 355699	63.45 -6.58 0.00	62.58 -7.11 0.00	61.11 -7.32 0.00	62.02 -7.67 0.00	62.30 -7.46 0.00	63.86 -6.47 0.00	60.34 -6.26 0.00	48.80 -5.85 0.00	52.31 -6.40 0.00	63.31 -8.65 -2.20	70.31 -8.63 -3.88	64.20 -7.10 -0.34	64.76 -7.35 -1.42	67.12 -8.12 -4.62	66.54 -8.20 -4.06	67.40 -7.85 -4.49	70.79 -6.95 -6.13	76.99 -5.49 -11.18	79.38 -5.31 -9.86	74.03 -6.25 -9.21	72.23 -6.94 -8.31	70.04 -6.86 -6.18	68.71 -5.60 -3.38	70.73 -4.60 -4.61
SYNERGY___BIOGAS 323694	66.82 -3.22 0.00	65.85 -3.83 0.00	64.19 -4.24 0.00	65.08 -4.60 0.00	65.37 -4.39 0.00	66.95 -3.37 0.00	63.41 -3.20 0.00	51.70 -2.95 0.00	55.36 -3.34 0.00	67.11 -4.67 -2.01	74.04 -4.58 -3.56	68.72 -3.76 -1.52	69.23 -3.68 -2.22	70.76 -4.10 -4.24	69.95 -4.45 -3.72	70.77 -4.11 -4.12	74.44 -2.79 -5.63	80.36 -1.28 -10.34	82.89 -1.05 -9.11	77.52 -2.06 -8.51	75.92 -2.62 -7.68	73.60 -2.83 -5.71	72.14 -1.91 -3.12	73.71 -1.27 -4.26
SYRACUSE___ENERGY_ST1 323597	69.83 -0.21 0.00	69.13 -0.56 0.00	67.89 -0.55 0.00	69.06 -0.63 0.00	69.13 -0.63 0.00	70.12 -0.21 0.00	66.27 -0.33 0.00	54.32 -0.33 0.00	58.42 -0.29 0.00	69.35 -0.42 0.00	74.93 -0.15 -0.02	72.98 -0.07 -2.09	72.20 -0.07 -1.58	70.99 -0.07 -0.45	70.69 0.00 0.00	70.83 0.07 0.00	73.04 0.36 -1.08	79.95 0.64 -8.01	82.64 0.75 -7.06	78.17 0.50 -6.60	77.02 0.21 -5.96	75.28 0.14 -4.42	73.57 0.21 -2.42	74.16 0.14 -3.30
SYRACUSE___ENERGY_ST2 323598	69.83 -0.21 0.00	69.13 -0.56 0.00	67.89 -0.55 0.00	69.06 -0.63 0.00	69.13 -0.63 0.00	70.12 -0.21 0.00	66.27 -0.33 0.00	54.32 -0.33 0.00	58.42 -0.29 0.00	69.35 -0.42 0.00	74.93 -0.15 -0.02	72.98 -0.07 -2.09	72.20 -0.07 -1.58	70.99 -0.07 -0.45	70.69 0.00 0.00	70.83 0.07 0.00	73.04 0.36 -1.08	79.95 0.64 -8.01	82.64 0.75 -7.06	78.17 0.50 -6.60	77.02 0.21 -5.96	75.28 0.14 -4.42	73.57 0.21 -2.42	74.16 0.14 -3.30
SYRACUSE___POWER 24017	69.62 -0.42 0.00	68.92 -0.77 0.00	67.68 -0.75 0.00	68.85 -0.84 0.00	68.99 -0.77 0.00	69.91 -0.42 0.00	66.07 -0.53 0.00	54.16 -0.49 0.00	58.24 -0.47 0.00	69.14 -0.63 0.00	74.70 -0.38 -0.02	72.80 -0.28 -2.12	72.01 -0.28 -1.61	70.79 -0.28 -0.46	70.48 -0.21 0.00	70.62 -0.14 0.00	72.85 0.14 -1.10	79.88 0.43 -8.15	82.54 0.52 -7.19	78.07 0.28 -6.71	76.92 0.00 -6.06	75.15 -0.07 -4.50	73.39 0.00 -2.46	74.01 -0.07 -3.36
TALLMAN___138KV_BK151 55660	73.54 3.50 0.00	72.96 3.28 0.00	71.58 3.15 0.00	72.89 3.21 0.00	72.97 3.21 0.00	73.91 3.59 0.00	70.00 3.40 0.00	64.63 3.17 -6.82	68.45 3.58 -6.16	87.32 4.67 -12.87	103.54 5.70 -22.77	109.47 5.39 -33.11	107.65 5.23 -31.73	102.99 5.15 -27.22	99.90 5.44 -23.77	102.47 5.38 -26.33	114.44 5.59 -37.26	144.56 5.42 -67.85	140.26 5.61 -59.82	132.12 5.19 -55.85	126.17 4.89 -50.43	112.97 4.88 -37.37	96.33 4.97 -20.44	103.13 4.53 -27.89
TEALLAVE_115KV_TB7 355573	69.27 -0.77 0.00	68.57 -1.11 0.00	67.27 -1.16 0.00	68.50 -1.18 0.00	68.57 -1.19 0.00	69.55 -0.77 0.00	65.67 -0.93 0.00	53.83 -0.82 0.00	57.89 -0.82 0.00	68.72 -1.05 0.00	74.25 -0.83 -0.02	72.02 -0.71 -1.76	71.31 -0.71 -1.33	70.29 -0.71 -0.38	69.98 -0.71 0.00	70.12 -0.64 0.00	72.16 -0.36 -0.91	78.00 -0.07 -6.77	80.80 0.00 -5.97	76.44 -0.21 -5.57	75.39 -0.50 -5.03	73.89 -0.57 -3.74	72.55 -0.43 -2.04	73.01 -0.50 -2.79
TELGRAPH_34_KV_EAST 80808	65.48 -4.55 0.00	64.60 -5.09 0.00	63.03 -5.41 0.00	63.90 -5.78 0.00	64.25 -5.51 0.00	65.76 -4.57 0.00	62.21 -4.40 0.00	50.55 -4.10 0.00	54.19 -4.52 0.00	65.64 -6.21 -2.08	72.66 -6.08 -3.68	66.75 -5.18 -0.96	67.22 -5.30 -1.84	69.27 -5.72 -4.38	68.66 -5.87 -3.84	69.49 -5.52 -4.26	72.98 -4.44 -5.81	78.96 -2.99 -10.65	81.45 -2.77 -9.39	76.08 -3.77 -8.77	74.31 -4.46 -7.92	72.22 -4.38 -5.88	70.82 -3.33 -3.22	72.56 -2.55 -4.39
TEMPLE___115KV_TB 2 55572	69.27 -0.77 0.00	68.57 -1.11 0.00	67.34 -1.09 0.00	68.50 -1.18 0.00	68.64 -1.12 0.00	69.55 -0.77 0.00	65.74 -0.87 0.00	53.88 -0.77 0.00	57.95 -0.76 0.00	68.79 -0.98 0.00	74.32 -0.75 -0.02	72.05 -0.71 -1.79	71.34 -0.71 -1.35	70.29 -0.71 -0.39	70.05 -0.64 0.00	70.19 -0.57 0.00	72.24 -0.29 -0.93	78.17 0.00 -6.87	80.96 0.07 -6.06	76.52 -0.21 -5.66	75.54 -0.43 -5.11	74.02 -0.50 -3.80	72.58 -0.43 -2.08	73.13 -0.42 -2.83
TIANA____69_KV_BK 1 55817	93.84 8.19 -15.61	87.97 7.67 -10.62	82.05 7.12 -6.50	80.19 7.18 -3.33	80.18 7.19 -3.24	82.20 7.67 -4.21	89.51 7.46 -15.44	88.42 6.56 -27.21	89.38 7.22 -23.45	104.90 8.93 -26.20	117.25 9.31 -32.88	120.98 8.44 -41.57	123.93 8.13 -45.11	118.90 8.19 -40.10	116.16 8.69 -36.77	119.05 8.84 -39.45	130.77 9.17 -50.00	158.84 8.77 -78.77	153.65 9.35 -69.47	144.76 8.60 -65.08	138.17 7.87 -59.44	121.16 7.64 -42.80	104.00 8.09 -24.98	107.33 7.43 -29.19
TILDEN___115KV_TB1 80814	69.62 -0.42 0.00	68.92 -0.77 0.00	67.68 -0.75 0.00	68.85 -0.84 0.00	68.99 -0.77 0.00	69.91 -0.42 0.00	66.07 -0.53 0.00	54.16 -0.49 0.00	58.24 -0.47 0.00	69.14 -0.63 0.00	74.70 -0.38 -0.02	72.80 -0.28 -2.12	72.01 -0.28 -1.61	70.79 -0.28 -0.46	70.48 -0.21 0.00	70.62 -0.14 0.00	72.85 0.14 -1.10	79.88 0.43 -8.15	82.54 0.52 -7.19	78.07 0.28 -6.71	76.92 0.00 -6.06	75.15 -0.07 -4.50	73.39 0.00 -2.46	74.01 -0.07 -3.36

TRIGEN___CC 323695	84.11 5.67 -8.40	80.77 5.37 -5.72	77.07 5.13 -3.50	76.70 5.23 -1.79	76.74 5.23 -1.74	78.22 5.63 -2.27	80.32 5.40 -8.32	77.42 4.81 -17.96	79.73 5.40 -15.62	96.85 6.77 -20.32	172.80 7.66 -90.08	163.41 7.31 -85.14	198.19 7.07 -120.43	191.25 6.99 -113.65	190.08 7.28 -112.11	192.81 7.29 -114.77	199.11 7.52 -119.98	208.24 7.34 -129.60	196.80 7.63 -114.34	186.40 7.04 -108.29	180.33 6.73 -102.74	143.00 6.72 -65.56	125.07 6.95 -47.19	106.29 6.36 -29.21
TRINITY___115KV___4 BK 55933	72.98 2.94 0.00	72.40 2.72 0.00	71.10 2.67 0.00	72.54 2.86 0.00	72.69 2.93 0.00	73.42 3.09 0.00	69.27 2.66 0.00	101.36 2.51 -44.20	101.42 2.76 -39.95	114.03 3.42 -40.84	151.07 4.05 -71.96	146.49 3.90 -71.62	149.84 3.75 -75.40	153.33 3.60 -79.11	149.65 3.53 -75.43	157.64 3.33 -83.56	179.17 3.37 -104.20	160.47 2.85 -86.32	154.08 3.14 -76.11	145.05 2.91 -71.06	138.06 3.05 -64.15	121.55 3.11 -47.72	100.22 3.19 -26.09	109.65 3.32 -35.61
UNION___PROCESSING_DRP 323587	67.24 -2.80 0.00	66.41 -3.28 0.00	64.95 -3.49 0.00	65.92 -3.76 0.00	66.13 -3.63 0.00	67.44 -2.88 0.00	63.81 -2.80 0.00	52.13 -2.51 0.00	55.95 -2.76 0.00	67.73 -3.77 -1.73	74.82 -3.30 -3.06	72.22 -3.19 -4.45	71.49 -3.46 -4.26	71.45 -2.82 -3.66	70.35 -3.53 -3.20	70.98 -3.33 -3.54	74.46 -2.00 -4.86	79.28 -1.07 -9.05	81.98 -0.82 -7.98	76.96 -1.56 -7.45	75.53 -2.05 -6.72	73.59 -2.12 -5.00	72.18 -1.49 -2.73	73.31 -1.13 -3.73
UPPER HUDSON___HYD 24058	73.12 3.08 0.00	72.54 2.86 0.00	71.18 2.74 0.00	72.68 2.99 0.00	73.11 3.35 0.00	73.63 3.31 0.00	69.60 3.00 0.00	132.40 2.62 -75.13	129.56 2.93 -67.91	135.97 3.70 -62.50	189.22 4.13 -110.04	173.30 3.90 -98.44	183.22 5.58 -106.95	194.85 5.58 -118.66	191.86 5.72 -115.45	204.52 5.87 -127.89	232.46 6.02 -154.84	166.57 5.99 -89.28	159.98 6.44 -78.72	150.33 5.75 -73.50	142.88 5.67 -66.36	125.44 5.37 -49.35	103.31 5.39 -26.98	112.70 5.16 -36.82
UPPER RAQUET___HYD 24056	69.06 -0.98 0.00	69.12 -0.56 0.00	67.75 -0.68 0.00	68.85 -0.83 0.00	68.51 -1.25 0.00	67.86 -2.46 0.00	64.21 -2.40 0.00	53.17 -1.47 0.00	56.71 -2.00 0.00	66.98 -2.79 0.00	61.48 -3.08 10.50	67.21 -3.05 0.71	67.58 -3.11 0.00	67.58 -3.03 0.00	67.51 -3.18 0.00	67.07 -3.68 0.00	66.55 -3.87 1.19	67.24 -4.06 0.00	70.71 -4.12 0.00	67.53 -3.55 0.00	67.67 -3.19 0.00	68.39 -2.33 0.00	68.73 -2.20 0.00	69.02 -1.70 0.00
VALLEY44_115KV_TB2 355964	66.96 -3.08 0.00	66.06 -3.62 0.00	64.53 -3.90 0.00	65.57 -4.11 0.00	65.85 -3.91 0.00	67.37 -2.95 0.00	63.81 -2.80 0.00	53.35 -2.90 -1.60	56.98 -3.17 -1.44	68.03 -4.47 -2.72	73.95 -5.93 -4.82	70.12 -4.83 -3.98	71.25 -3.89 -4.45	69.69 -6.64 -5.72	72.11 -3.61 -5.03	73.15 -3.18 -5.57	74.18 -5.23 -7.81	80.85 -4.06 -13.61	82.94 -3.89 -12.00	77.59 -4.69 -11.21	75.66 -5.31 -10.12	73.00 -5.23 -7.52	70.65 -4.40 -4.11	72.86 -3.47 -5.61
VALLEY___115KV_TB 1-4 80826	71.86 1.82 0.00	71.36 1.67 0.00	70.01 1.57 0.00	71.22 1.53 0.00	71.30 1.53 0.00	72.02 1.69 0.00	68.00 1.40 0.00	55.74 1.09 0.00	59.94 1.23 0.00	71.37 1.60 0.00	77.90 2.10 -0.74	73.07 2.06 -0.05	72.67 1.98 0.00	72.66 2.05 0.00	72.81 2.12 0.00	72.95 2.19 0.00	74.05 2.36 -0.08	73.65 2.35 0.00	77.22 2.39 0.00	73.28 2.20 0.00	72.84 1.98 0.00	72.49 1.77 0.00	72.71 1.77 0.00	72.27 1.56 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	74.80 4.76 0.00	74.14 4.46 0.00	72.61 4.17 0.00	73.80 4.11 0.00	73.95 4.19 0.00	75.11 4.78 0.00	70.87 4.26 0.00	68.16 3.55 -9.96	71.71 3.99 -9.00	86.47 4.88 -11.81	101.81 5.93 -20.83	98.89 5.68 -22.25	99.24 5.58 -22.97	99.19 5.37 -23.22	98.09 5.58 -21.82	100.73 5.80 -24.17	108.06 5.94 -30.51	108.11 5.92 -30.89	108.35 6.29 -27.23	102.41 5.90 -25.43	99.41 5.60 -22.96	93.15 5.37 -17.06	85.51 5.25 -9.33	88.26 4.81 -12.73
VISCHER___FERRY HYD 24020	73.68 3.64 0.00	73.10 3.41 0.00	71.72 3.28 0.00	73.17 3.48 0.00	73.39 3.63 0.00	74.12 3.80 0.00	70.00 3.39 0.00	121.67 3.22 -63.80	119.96 3.58 -57.67	128.69 4.40 -54.52	176.02 4.95 -96.01	164.01 4.68 -88.36	170.54 4.66 -95.18	179.26 4.59 -104.06	176.14 4.74 -100.71	186.99 4.67 -111.57	212.57 4.87 -136.10	163.21 4.49 -87.41	156.62 4.72 -77.07	147.45 4.41 -71.96	140.15 4.32 -64.97	123.36 4.31 -48.33	101.76 4.40 -26.43	111.02 4.24 -36.06
V_A_10_SYNC_DSASP 323832	65.13 -4.90 0.00	64.32 -5.36 0.00	62.89 -5.54 0.00	63.83 -5.85 0.00	64.11 -5.65 0.00	65.54 -4.78 0.00	61.88 -4.73 0.00	50.27 -4.37 0.00	53.90 -4.81 0.00	65.23 -6.49 -1.95	72.20 -6.30 -3.45	66.63 -5.82 -1.49	66.92 -5.94 -2.17	69.35 -5.37 -4.11	68.21 -6.08 -3.60	68.95 -5.80 -3.99	72.69 -4.37 -5.46	78.21 -3.14 -10.05	80.69 -3.00 -8.86	75.51 -3.84 -8.27	74.00 -4.32 -7.47	71.88 -4.38 -5.55	70.56 -3.40 -3.03	72.24 -2.62 -4.14
V_CMM_10_SYNC_DSASP 323787	69.06 -0.98 0.00	69.12 -0.56 0.00	67.96 -0.48 0.00	69.06 -0.63 0.00	68.99 -0.77 0.00	68.85 -1.48 0.00	65.61 -1.00 0.00	53.99 -0.65 0.00	57.77 -0.94 0.00	68.58 -1.19 0.00	59.94 -1.95 13.17	68.23 -1.85 0.89	68.78 -1.91 0.00	68.78 -1.84 0.00	68.78 -1.91 0.00	68.70 -2.05 0.00	67.68 -2.43 1.49	68.80 -2.50 0.00	72.21 -2.62 0.00	68.87 -2.20 0.00	69.01 -1.84 0.00	69.09 -1.62 0.00	69.09 -1.84 0.00	69.23 -1.49 0.00
V_CMP_10_SYNC_DSASP 323788	69.62 -0.42 0.00	69.34 -0.35 0.00	67.82 -0.62 0.00	68.92 -0.76 0.00	68.85 -0.91 0.00	68.57 -1.76 0.00	64.81 -1.80 0.00	53.28 -1.36 0.00	57.07 -1.64 0.00	67.89 -1.88 0.00	59.15 -2.70 13.21	67.59 -2.49 0.89	68.50 -2.19 0.00	68.50 -2.12 0.00	68.57 -2.12 0.00	68.64 -2.12 0.00	67.46 -2.65 1.50	68.74 -2.56 0.00	72.06 -2.77 0.00	68.73 -2.34 0.00	68.95 -1.91 0.00	69.02 -1.70 0.00	69.02 -1.91 0.00	69.58 -1.13 0.00
V_D_10_SYNC_DSASP 323841	69.34 -0.70 0.00	69.41 -0.28 0.00	68.16 -0.27 0.00	69.27 -0.42 0.00	69.20 -0.56 0.00	68.92 -1.41 0.00	65.67 -0.93 0.00	54.21 -0.44 0.00	57.89 -0.82 0.00	68.44 -1.33 0.00	60.44 -1.87 12.74	68.19 -1.91 0.86	68.78 -1.91 0.00	68.78 -1.84 0.00	68.71 -1.98 0.00	68.64 -2.12 0.00	67.73 -2.43 1.44	68.74 -2.56 0.00	72.21 -2.62 0.00	68.95 -2.13 0.00	69.09 -1.77 0.00	69.23 -1.49 0.00	69.30 -1.63 0.00	69.45 -1.27 0.00
V_E_10_SYNC_DSASP 323830	75.29 5.26 0.00	74.28 4.60 0.00	72.47 4.04 0.00	73.31 3.62 0.00	73.46 3.69 0.00	75.11 4.78 0.00	71.07 4.46 0.00	62.99 3.77 -4.57	67.07 4.23 -4.13	80.98 4.95 -6.26	92.41 6.31 -11.04	91.67 6.10 -14.60	90.83 5.86 -14.28	88.69 5.44 -12.64	88.46 6.22 -11.55	90.35 6.79 -12.80	96.00 7.52 -16.88	101.66 7.91 -22.45	103.22 8.60 -19.79	97.59 8.03 -18.48	95.19 7.65 -16.68	90.19 7.07 -12.40	84.31 6.60 -6.78	85.97 6.01 -9.25
V_F_30_NSYNC___DSASP 323816	74.03 3.99 0.00	73.44 3.76 0.00	72.06 3.62 0.00	73.51 3.83 0.00	73.81 4.04 0.00	74.48 4.15 0.00	70.33 3.73 0.00	131.65 3.28 -73.72	128.93 3.58 -66.64	135.68 4.40 -61.51	188.22 4.88 -108.29	172.82 4.68 -97.18	181.26 5.09 -105.48	192.54 5.09 -116.84	189.53 5.23 -113.62	201.92 5.31 -125.86	229.54 5.44 -152.50	165.67 5.35 -89.02	159.00 5.68 -78.49	149.55 5.19 -73.28	142.12 5.10 -66.16	124.87 4.95 -49.21	102.80 4.96 -26.91	112.24 4.81 -36.71



V_F_30_SYNC_DSASP 323786	73.19 3.15 0.00	72.61 2.93 0.00	71.31 2.87 0.00	72.68 3.00 0.00	72.90 3.14 0.00	73.63 3.31 0.00	69.40 2.80 0.00	109.19 2.57 -51.98	108.57 2.88 -46.98	119.60 3.56 -46.27	160.78 4.20 -81.52	153.35 4.04 -78.34	157.89 3.89 -83.32	163.46 3.81 -89.04	159.77 3.61 -85.48	168.98 3.54 -94.69	191.95 3.44 -116.91	161.39 3.07 -87.03	154.93 3.37 -76.73	145.85 3.13 -71.65	138.73 3.19 -64.68	122.08 3.25 -48.11	100.58 3.33 -26.31	110.08 3.47 -35.90
V_XM_10_SYNC_DSASP 323789	69.62 -0.42 0.00	69.34 -0.35 0.00	67.82 -0.62 0.00	68.92 -0.76 0.00	68.85 -0.91 0.00	68.57 -1.76 0.00	64.81 -1.80 0.00	53.28 -1.36 0.00	57.07 -1.64 0.00	67.89 -1.88 0.00	59.15 -2.70 13.21	67.59 -2.49 0.89	68.50 -2.19 0.00	68.50 -2.12 0.00	68.57 -2.12 0.00	68.64 -2.12 0.00	67.46 -2.65 1.50	68.74 -2.56 0.00	72.06 -2.77 0.00	68.73 -2.34 0.00	68.95 -1.91 0.00	69.02 -1.70 0.00	69.02 -1.91 0.00	69.58 -1.13 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	73.75 3.71 0.00	73.10 3.41 0.00	71.79 3.35 0.00	73.10 3.41 0.00	73.18 3.42 0.00	74.13 3.80 0.00	70.20 3.60 0.00	64.84 3.33 -6.86	68.67 3.76 -6.20	87.60 4.88 -12.95	103.82 5.85 -22.91	109.87 5.61 -33.30	107.98 5.37 -31.92	103.36 5.37 -27.38	100.26 5.66 -23.92	102.84 5.59 -26.50	114.96 5.87 -37.48	145.24 5.70 -68.23	140.90 5.91 -60.16	132.66 5.40 -56.18	126.67 5.10 -50.72	113.38 5.09 -37.57	96.66 5.18 -20.55	103.42 4.67 -28.03
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	74.52 4.48 0.00	73.87 4.18 0.00	72.34 3.90 0.00	73.66 3.97 0.00	73.74 3.98 0.00	74.69 4.36 0.00	70.87 4.26 0.00	65.75 3.93 -7.16	69.70 4.52 -6.48	88.87 5.65 -13.45	105.61 6.76 -23.80	112.05 6.46 -34.63	110.02 6.15 -33.18	105.21 6.14 -28.45	101.96 6.43 -24.84	104.72 6.44 -27.52	117.18 6.66 -38.91	148.43 6.42 -70.71	143.83 6.66 -62.35	135.40 6.11 -58.21	129.22 5.81 -52.56	115.56 5.73 -39.11	98.21 5.89 -21.39	105.27 5.37 -29.18
W50THST__13_KV_LOAD 356117	74.94 4.90 0.00	74.28 4.60 0.00	72.75 4.31 0.00	74.07 4.39 0.00	74.16 4.39 0.00	75.11 4.78 0.00	71.33 4.73 0.00	66.13 4.32 -7.16	70.12 4.93 -6.48	89.36 6.14 -13.45	106.06 7.21 -23.80	112.55 6.95 -34.63	110.51 6.64 -33.18	105.70 6.64 -28.45	102.46 6.93 -24.84	105.14 6.86 -27.52	117.68 7.16 -38.91	148.93 6.92 -70.71	144.36 7.18 -62.35	135.83 6.54 -58.21	129.65 6.24 -52.56	115.98 6.15 -39.11	98.63 6.31 -21.39	105.70 5.80 -29.18
WADING RIVER_IC_1 23522	93.49 7.84 -15.61	87.69 7.38 -10.62	81.84 6.91 -6.50	79.98 6.97 -3.33	79.98 6.98 -3.24	81.99 7.45 -4.21	89.31 7.26 -15.45	88.20 6.34 -27.22	89.20 7.04 -23.45	104.34 8.37 -26.20	116.84 8.93 -32.85	120.67 8.16 -41.55	123.75 7.99 -45.07	118.72 8.05 -40.06	115.90 8.48 -36.74	118.80 8.63 -39.41	130.52 8.95 -49.96	158.60 8.55 -78.75	153.40 9.13 -69.44	144.52 8.38 -65.06	138.00 7.72 -59.42	121.00 7.49 -42.79	103.84 7.94 -24.97	107.12 7.22 -29.19
WADING RIVER_IC_2 23547	93.49 7.84 -15.61	87.69 7.38 -10.62	81.84 6.91 -6.50	79.98 6.97 -3.33	79.98 6.98 -3.24	81.99 7.45 -4.21	89.31 7.26 -15.45	88.20 6.34 -27.22	89.20 7.04 -23.45	104.34 8.37 -26.20	116.84 8.93 -32.85	120.67 8.16 -41.55	123.75 7.99 -45.07	118.72 8.05 -40.06	115.90 8.48 -36.74	118.80 8.63 -39.41	130.52 8.95 -49.96	158.60 8.55 -78.75	153.40 9.13 -69.44	144.52 8.38 -65.06	138.00 7.72 -59.42	121.00 7.49 -42.79	103.84 7.94 -24.97	107.12 7.22 -29.19
WADING RIVER_IC_3 23601	93.49 7.84 -15.61	87.69 7.38 -10.62	81.84 6.91 -6.50	79.98 6.97 -3.33	79.98 6.98 -3.24	81.99 7.45 -4.21	89.31 7.26 -15.45	88.20 6.34 -27.22	89.20 7.04 -23.45	104.34 8.37 -26.20	116.84 8.93 -32.85	120.67 8.16 -41.55	123.75 7.99 -45.07	118.72 8.05 -40.06	115.90 8.48 -36.74	118.80 8.63 -39.41	130.52 8.95 -49.96	158.60 8.55 -78.75	153.40 9.13 -69.44	144.52 8.38 -65.06	138.00 7.72 -59.42	121.00 7.49 -42.79	103.84 7.94 -24.97	107.12 7.22 -29.19
WALDENNY_12_KV_BK2 80841	65.34 -4.69 0.00	64.39 -5.30 0.00	62.89 -5.54 0.00	63.83 -5.85 0.00	64.11 -5.65 0.00	65.69 -4.64 0.00	62.14 -4.46 0.00	50.38 -4.26 0.00	54.07 -4.64 0.00	65.80 -6.35 -2.38	72.66 -6.61 -4.20	64.19 -5.89 0.89	65.58 -5.73 -0.62	69.18 -6.43 -5.00	69.42 -5.66 -4.39	70.38 -5.24 -4.86	73.21 -5.01 -6.62	79.75 -3.57 -12.01	82.13 -3.29 -10.59	76.71 -4.26 -9.89	74.76 -5.03 -8.93	72.40 -4.95 -6.64	70.80 -3.76 -3.63	72.84 -2.83 -4.95
WALDEN__HYDRO 24148	73.82 3.78 0.00	73.17 3.48 0.00	71.79 3.35 0.00	73.10 3.41 0.00	73.25 3.49 0.00	74.13 3.80 0.00	70.20 3.60 0.00	65.01 3.17 -7.19	68.85 3.64 -6.50	87.59 4.60 -13.21	103.91 5.48 -23.38	109.88 5.18 -33.74	108.09 5.02 -32.39	103.44 4.94 -27.89	100.25 5.16 -24.41	103.03 5.24 -27.03	115.24 5.51 -38.12	145.25 5.42 -68.53	140.79 5.54 -60.43	132.54 5.05 -56.42	126.61 4.82 -50.94	113.36 4.81 -37.83	96.52 4.89 -20.69	103.40 4.46 -28.23
WARRENSBURG____ 23737	73.12 3.08 0.00	72.54 2.86 0.00	71.18 2.74 0.00	72.68 2.99 0.00	73.11 3.35 0.00	73.63 3.31 0.00	69.60 3.00 0.00	132.40 2.62 -75.13	129.56 2.93 -67.91	135.97 3.70 -62.50	189.22 4.13 -110.04	173.30 3.90 -98.44	183.22 5.58 -106.95	194.85 5.58 -118.66	191.86 5.72 -115.45	204.52 5.87 -127.89	232.46 6.02 -154.84	166.57 5.99 -89.28	159.98 6.44 -78.72	150.33 5.75 -73.50	142.88 5.67 -66.36	125.44 5.37 -49.35	103.31 5.39 -26.98	112.70 5.16 -36.82
WATERSIDE____6 8 9 23538	74.38 4.34 0.00	73.66 3.97 0.00	72.13 3.70 0.00	73.38 3.69 0.00	73.46 3.70 0.00	74.34 4.01 0.00	70.60 4.00 0.00	65.58 3.77 -7.16	69.47 4.29 -6.48	88.59 5.37 -13.45	105.39 6.53 -23.80	111.91 6.32 -34.63	109.88 6.01 -33.19	105.07 6.00 -28.46	101.83 6.29 -24.85	104.51 6.23 -27.53	117.04 6.52 -38.92	148.16 6.13 -70.72	143.62 6.44 -62.36	135.13 5.83 -58.22	128.95 5.53 -52.57	115.42 5.59 -39.12	98.14 5.82 -21.39	105.14 5.23 -29.19
WATKINRD_115KV_LN8_ILLION 55919	71.58 1.54 0.00	71.15 1.46 0.00	69.80 1.37 0.00	71.08 1.39 0.00	71.16 1.40 0.00	71.88 1.55 0.00	67.94 1.33 0.00	55.69 1.04 0.00	59.88 1.17 0.00	71.24 1.47 0.00	77.68 1.88 -0.74	72.79 1.77 -0.05	72.45 1.77 0.00	72.38 1.77 0.00	72.53 1.84 0.00	72.60 1.84 0.00	73.69 2.00 -0.08	73.23 1.93 0.00	76.85 2.02 0.00	72.93 1.85 0.00	72.56 1.70 0.00	72.34 1.63 0.00	72.56 1.63 0.00	72.27 1.56 0.00
WATSON__69_KV_BK 1 55734	93.18 7.84 -15.30	87.55 7.46 -10.41	81.92 7.12 -6.37	80.19 7.25 -3.26	80.19 7.26 -3.17	82.19 7.74 -4.13	89.20 7.46 -15.14	87.97 6.50 -26.82	88.98 7.16 -23.11	104.65 8.93 -25.95	120.44 9.38 -35.99	123.60 8.66 -43.98	128.25 8.41 -49.15	123.13 8.47 -44.04	120.41 8.91 -40.81	123.23 8.99 -43.49	134.66 9.31 -53.75	161.64 8.84 -81.50	156.13 9.43 -71.87	147.17 8.67 -67.42	140.73 8.08 -61.80	122.78 7.92 -44.14	105.59 8.37 -26.28	107.47 7.57 -29.19
WDELAWARE__HYD 323627	73.75 3.71 0.00	73.10 3.41 0.00	71.72 3.28 0.00	73.03 3.34 0.00	73.18 3.42 0.00	74.05 3.72 0.00	70.13 3.53 0.00	65.34 3.00 -7.69	69.06 3.40 -6.95	87.10 4.26 -13.08	103.22 5.03 -23.13	108.18 4.68 -32.53	106.68 4.59 -31.40	102.41 4.38 -27.42	99.51 4.66 -24.16	102.47 4.95 -26.76	114.28 5.30 -37.37	141.02 5.20 -64.51	137.02 5.31 -56.88	129.03 4.84 -53.11	123.41 4.60 -47.95	110.87 4.53 -35.62	94.95 4.54 -19.48	101.40 4.10 -26.58

WEST BABYLON___IC 23714	92.03 7.35 -14.63	86.68 7.04 -9.96	81.24 6.71 -6.09	79.56 6.76 -3.12	79.63 6.84 -3.04	81.52 7.24 -3.95	88.08 6.99 -14.48	86.73 6.12 -25.97	87.91 6.81 -22.39	103.62 8.44 -25.41	127.14 9.16 -42.92	128.73 8.52 -49.25	137.17 8.20 -58.29	131.84 8.26 -52.96	129.34 8.69 -49.95	132.08 8.70 -52.62	142.87 9.02 -62.24	167.59 8.63 -87.67	161.27 9.13 -77.32	152.19 8.46 -72.66	145.84 7.94 -67.05	125.37 7.78 -46.87	108.04 8.16 -28.95	107.34 7.43 -29.19
WEST CANADA___HYD 24049	70.60 0.56 0.00	70.11 0.42 0.00	68.85 0.41 0.00	70.11 0.42 0.00	70.25 0.49 0.00	70.96 0.63 0.00	67.07 0.47 0.00	54.98 0.33 0.00	59.12 0.41 0.00	70.33 0.56 0.00	76.55 0.75 -0.74	71.72 0.71 -0.05	71.39 0.71 0.00	71.32 0.71 0.00	71.39 0.71 0.00	71.46 0.71 0.00	72.48 0.79 -0.08	72.09 0.79 0.00	75.65 0.82 0.00	71.79 0.71 0.00	71.57 0.71 0.00	71.35 0.64 0.00	71.64 0.71 0.00	71.35 0.64 0.00
WESTERN_NY_WIND 24143	66.68 -3.36 0.00	65.71 -3.97 0.00	64.06 -4.38 0.00	64.95 -4.74 0.00	65.30 -4.46 0.00	66.81 -3.52 0.00	63.27 -3.33 0.00	51.59 -3.06 0.00	55.25 -3.46 0.00	66.92 -4.88 -2.04	74.01 -4.65 -3.61	68.36 -3.90 -1.30	68.66 -4.10 -2.07	70.60 -4.31 -4.30	69.79 -4.67 -3.77	70.68 -4.25 -4.17	74.37 -2.94 -5.70	80.26 -1.50 -10.46	82.85 -1.20 -9.22	77.41 -2.27 -8.61	75.73 -2.91 -7.77	73.52 -2.97 -5.78	72.03 -2.06 -3.16	73.68 -1.34 -4.31
WESTOVER___LESR 323668	70.25 0.21 0.00	69.48 -0.21 0.00	68.16 -0.27 0.00	69.41 -0.28 0.00	69.55 -0.21 0.00	70.61 0.28 0.00	66.74 0.13 0.00	57.65 0.00 -3.01	61.43 0.00 -2.72	74.56 -0.21 -5.00	83.82 -0.08 -8.84	83.16 0.14 -12.05	82.68 0.28 -11.71	80.87 -0.14 -10.40	80.27 0.35 -9.23	81.55 0.57 -10.23	86.27 0.57 -14.10	95.49 1.00 -23.19	96.40 1.12 -20.44	90.88 0.71 -19.09	88.45 0.35 -17.23	83.88 0.35 -12.81	78.50 0.57 -7.00	80.98 0.71 -9.55
WETHRSFD_WT_PWR 323626	64.78 -5.25 0.00	63.90 -5.78 0.00	62.48 -5.95 0.00	63.48 -6.20 0.00	63.76 -6.00 0.00	65.26 -5.06 0.00	61.81 -4.80 0.00	51.92 -4.32 -1.59	55.39 -4.75 -1.44	66.07 -6.42 -2.71	73.25 -6.61 -4.80	47.76 -6.10 17.10	53.51 -5.87 11.31	69.96 -6.35 -5.70	70.40 -5.30 -5.01	71.64 -4.67 -5.55	75.09 -4.29 -7.78	82.01 -2.85 -13.56	84.09 -2.69 -11.96	78.76 -3.48 -11.16	76.97 -3.97 -10.08	74.04 -4.17 -7.49	71.70 -3.33 -4.10	73.76 -2.54 -5.59
WHAVSTOR_138KV_BK127 55557	73.47 3.43 0.00	72.82 3.14 0.00	71.52 3.08 0.00	72.82 3.14 0.00	72.90 3.14 0.00	73.84 3.52 0.00	69.94 3.33 0.00	64.63 3.11 -6.87	68.44 3.52 -6.21	87.41 4.67 -12.96	103.63 5.63 -22.94	109.70 5.39 -33.34	107.80 5.16 -31.95	103.18 5.15 -27.42	100.01 5.37 -23.95	102.66 5.38 -26.53	114.71 5.59 -37.52	145.03 5.42 -68.31	140.67 5.61 -60.23	132.51 5.19 -56.24	126.52 4.89 -50.77	113.14 4.81 -37.61	96.47 4.97 -20.57	103.24 4.46 -28.06
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	73.47 3.43 0.00	72.82 3.14 0.00	71.52 3.08 0.00	72.82 3.14 0.00	72.90 3.14 0.00	73.84 3.52 0.00	69.94 3.33 0.00	64.63 3.11 -6.87	68.44 3.52 -6.21	87.41 4.67 -12.96	103.63 5.63 -22.94	109.70 5.39 -33.34	107.80 5.16 -31.95	103.18 5.15 -27.42	100.01 5.37 -23.95	102.66 5.38 -26.53	114.71 5.59 -37.52	145.03 5.42 -68.31	140.67 5.61 -60.23	132.51 5.19 -56.24	126.52 4.89 -50.77	113.14 4.81 -37.61	96.47 4.97 -20.57	103.24 4.46 -28.06
WHITEHAL_115KV_TB1 80871	74.80 4.76 0.00	74.21 4.53 0.00	72.68 4.24 0.00	74.28 4.60 0.00	74.78 5.02 0.00	75.32 4.99 0.00	71.20 4.60 0.00	133.18 3.99 -74.55	130.44 4.34 -67.38	137.23 5.37 -62.09	190.22 5.85 -109.31	174.49 5.61 -97.91	184.03 7.00 -106.34	195.51 6.99 -117.91	192.59 7.21 -114.69	205.16 7.36 -127.05	232.99 7.52 -153.87	168.10 7.63 -89.17	161.68 8.23 -78.62	151.81 7.32 -73.41	144.22 7.09 -66.28	126.80 6.79 -49.29	104.62 6.74 -26.95	113.93 6.44 -36.78
WHITEPLN_13_KV_LOAD 356215	74.80 4.76 0.00	74.14 4.46 0.00	72.68 4.24 0.00	73.94 4.25 0.00	74.02 4.26 0.00	75.04 4.71 0.00	71.13 4.53 0.00	65.95 4.15 -7.15	69.93 4.76 -6.46	89.13 5.93 -13.42	105.79 6.98 -23.75	112.13 6.60 -34.56	110.24 6.43 -33.12	105.36 6.36 -28.40	102.20 6.72 -24.80	104.88 6.65 -27.47	117.25 6.80 -38.84	148.57 6.70 -70.57	144.01 6.96 -62.22	135.57 6.40 -58.10	129.33 6.02 -52.45	115.70 5.94 -39.04	98.31 6.03 -21.35	105.36 5.52 -29.13
WM_FLOYD_69_KV_BK2 356380	93.26 7.63 -15.59	87.54 7.25 -10.61	81.70 6.78 -6.49	79.91 6.90 -3.32	79.90 6.91 -3.24	81.92 7.38 -4.21	89.16 7.13 -15.43	88.07 6.23 -27.19	89.07 6.93 -23.43	104.54 8.58 -26.19	117.02 8.93 -33.03	120.74 8.09 -41.69	123.77 7.78 -45.30	118.74 7.84 -40.29	115.99 8.34 -36.97	118.82 8.42 -39.64	130.59 8.81 -50.18	158.55 8.34 -78.91	153.31 8.90 -69.58	144.45 8.17 -65.19	137.92 7.51 -59.56	120.94 7.35 -42.86	103.78 7.80 -25.04	106.98 7.07 -29.19
WOODARD___115KV_TB2 355635	69.13 -0.91 0.00	68.50 -1.18 0.00	67.20 -1.23 0.00	68.43 -1.25 0.00	68.50 -1.26 0.00	69.48 -0.84 0.00	65.61 -1.00 0.00	53.77 -0.87 0.00	57.83 -0.88 0.00	68.65 -1.12 0.00	74.17 -0.90 -0.02	71.92 -0.85 -1.80	71.20 -0.85 -1.36	70.16 -0.85 -0.39	69.91 -0.78 0.00	69.98 -0.78 0.00	72.11 -0.43 -0.93	78.07 -0.14 -6.92	80.78 -0.15 -6.10	76.42 -0.36 -5.69	75.43 -0.57 -5.14	73.90 -0.64 -3.82	72.45 -0.57 -2.09	73.00 -0.57 -2.85
YORK___WARBASSE 23770	162.80 4.83 -87.93	74.14 4.46 0.00	72.54 4.11 0.00	73.80 4.11 0.00	73.88 4.12 0.00	74.69 4.36 0.00	162.29 4.26 -91.42	162.21 3.93 -103.62	163.74 4.40 -100.62	180.85 5.58 -105.50	169.61 6.68 -87.87	171.43 6.53 -93.94	169.57 6.15 -92.74	169.64 6.21 -92.82	169.72 6.50 -92.53	169.72 6.51 -92.45	169.72 6.80 -91.31	174.49 6.49 -96.70	174.53 6.81 -92.89	174.34 6.11 -97.15	174.35 5.81 -97.68	169.78 5.94 -93.12	164.22 6.17 -87.12	162.60 5.66 -86.23