

# Day Ahead Market Generator LBMP

Generator Data		--- Marginal Cost of Losses															--- Marginal Cost of Congestion										12/06/2024	
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	64.50	60.94	60.30	59.84	60.25	62.03	83.71	89.98	89.75	85.45	85.22	79.31	76.53	79.19	85.16	103.95	123.46	156.04	140.72	118.43	118.08	102.41	101.82	91.15			
		5.01	4.93	4.98	4.69	4.87	5.17	6.41	7.04	7.21	6.67	5.28	5.09	5.15	5.15	5.10	6.24	6.57	8.18	7.79	6.67	5.72	5.19	6.89	7.06			
		-3.88	-0.57	0.00	0.00	0.00	0.00	0.00	-3.81	-6.68	-9.31	-24.39	-18.84	-16.06	-18.72	-24.63	-34.10	-50.52	-64.43	-51.80	-42.33	-52.83	-41.94	-16.62	0.00			
74TH STREET_GT_1	24260	64.67	61.10	60.41	60.00	60.36	62.20	83.79	90.06	89.82	85.52	85.21	79.41	76.57	79.18	85.26	103.93	123.50	156.18	140.77	118.55	118.25	102.52	101.98	91.32			
		5.17	5.10	5.09	4.85	4.98	5.34	6.49	7.12	7.28	6.74	5.28	5.21	5.20	5.14	5.21	6.23	6.57	8.26	7.79	6.74	5.83	5.31	7.05	7.23			
		-3.89	-0.57	0.00	0.00	0.00	0.00	0.00	-3.80	-6.68	-9.30	-24.37	-18.83	-16.05	-18.71	-24.62	-34.08	-50.56	-64.49	-51.85	-42.37	-52.88	-41.95	-16.62	0.00			
74TH STREET_GT_2	24261	64.67	61.10	60.41	60.00	60.36	62.20	83.79	90.06	89.82	85.52	85.21	79.41	76.57	79.18	85.26	103.93	123.50	156.18	140.77	118.55	118.25	102.52	101.98	91.32			
		5.17	5.10	5.09	4.85	4.98	5.34	6.49	7.12	7.28	6.74	5.28	5.21	5.20	5.14	5.21	6.23	6.57	8.26	7.79	6.74	5.83	5.31	7.05	7.23			
		-3.89	-0.57	0.00	0.00	0.00	0.00	0.00	-3.80	-6.68	-9.30	-24.37	-18.83	-16.05	-18.71	-24.62	-34.08	-50.56	-64.49	-51.85	-42.37	-52.88	-41.95	-16.62	0.00			
ADK HUDSON___FALLS	24011	64.29	59.64	58.42	58.13	58.53	60.44	82.32	89.41	89.95	86.47	91.71	83.93	80.07	83.77	91.91	113.59	116.35	168.14	156.84	131.39	134.90	115.40	105.80	89.38			
		3.45	3.44	3.10	2.98	3.16	3.58	5.02	5.14	5.08	4.45	3.28	3.16	3.10	3.21	3.27	4.01	4.38	5.76	5.84	4.86	4.11	3.59	5.09	5.30			
		-5.24	-0.77	0.00	0.00	0.00	0.00	0.00	-5.13	-9.01	-12.55	-32.88	-25.40	-21.65	-25.24	-33.21	-45.98	-45.60	-78.95	-69.87	-57.09	-71.26	-56.54	-22.40	0.00			
ADK RESOURCE___RCVRY	23798	64.52	59.86	58.64	58.29	58.75	60.66	82.79	89.89	90.34	86.90	91.97	84.18	80.32	84.03	92.18	113.90	116.67	168.64	157.34	131.81	135.27	115.77	106.21	89.80			
		3.67	3.66	3.32	3.14	3.38	3.81	5.49	5.62	5.47	4.86	3.50	3.38	3.32	3.43	3.49	4.26	4.71	6.26	6.33	5.27	4.47	3.92	5.48	5.72			
		-5.24	-0.77	0.00	0.00	0.00	0.00	0.00	-5.14	-9.02	-12.56	-32.92	-25.43	-21.68	-25.27	-33.25	-46.03	-45.59	-78.95	-69.87	-57.10	-71.26	-56.58	-22.41	0.00			
ADK S GLENS___FALLS	24028	64.29	59.64	58.42	58.13	58.53	60.44	82.32	89.41	89.95	86.47	91.71	83.93	80.07	83.77	91.91	113.59	116.35	168.14	156.84	131.39	134.90	115.40	105.80	89.38			
		3.45	3.44	3.10	2.98	3.16	3.58	5.02	5.14	5.08	4.45	3.28	3.16	3.10	3.21	3.27	4.01	4.38	5.76	5.84	4.86	4.11	3.59	5.09	5.30			
		-5.24	-0.77	0.00	0.00	0.00	0.00	0.00	-5.13	-9.01	-12.55	-32.88	-25.40	-21.65	-25.24	-33.21	-45.98	-45.60	-78.95	-69.87	-57.09	-71.26	-56.54	-22.40	0.00			
ADK_NYS___DAM	23527	64.83	60.22	59.36	59.07	59.42	61.29	83.17	90.09	90.39	86.93	91.26	83.97	80.24	83.59	91.40	112.53	116.78	166.21	154.44	129.71	132.70	113.80	105.62	89.97			
		4.17	4.04	4.04	3.92	4.04	4.44	5.87	6.01	5.84	5.35	4.00	4.10	4.04	3.93	3.94	4.58	4.91	6.17	6.00	5.27	4.52	4.03	5.71	5.88			
		-5.05	-0.75	0.00	0.00	0.00	0.00	0.00	-4.95	-8.68	-12.10	-31.71	-24.49	-20.88	-24.34	-32.03	-44.34	-45.50	-76.61	-67.31	-55.00	-68.65	-54.50	-21.59	0.00			
AIR_PRODUCTS___DRP	24190	62.81	58.29	57.42	57.14	57.48	59.13	80.00	86.89	87.35	84.17	89.61	82.16	78.46	81.95	89.81	110.19	112.18	162.26	151.21	126.79	130.38	111.64	102.51	87.28			
		2.11	2.11	2.10	1.99	2.10	2.27	2.71	2.77	2.73	2.50	2.11	2.10	2.10	2.10	2.11	1.91	1.86	2.25	2.19	1.87	1.61	1.44	2.43	3.20			
		-5.09	-0.75	0.00	0.00	0.00	0.00	0.00	-4.99	-8.75	-12.19	-31.95	-24.68	-21.04	-24.53	-32.27	-44.67	-43.95	-76.58	-67.88	-55.47	-69.24	-54.94	-21.77	0.00			
AKWESSNE_115KV_BK	355683	54.44	54.54	54.55	54.54	54.49	55.38	75.60	77.63	74.35	68.02	54.50	54.49	54.49	54.49	54.43	62.27	65.17	81.93	79.75	68.47	58.94	54.72	77.06	82.82			
		-1.17	-0.89	-0.77	-0.61	-0.89	-1.48	-1.70	-1.50	-1.52	-1.46	-1.06	-0.89	-0.83	-0.83	-1.00	-1.34	-1.19	-1.50	-1.38	-0.97	-0.60	-0.55	-1.25	-1.26			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR	323833	63.09	58.66	57.92	57.58	57.92	59.64	80.85	87.33	87.46	83.98	88.82	81.47	77.85	81.31	89.12	109.75	113.17	161.94	150.75	126.38	129.55	111.11	102.89	87.95			
		2.50	2.50	2.60	2.42	2.55	2.79	3.56	3.32	3.04	2.57	2.00	1.94	1.94	1.99	2.11	2.42	2.72	3.25	3.25	2.71	2.32	2.10	3.29	3.87			
		-4.98	-0.74	0.00	0.00	0.00	0.00	0.00	-4.88	-8.56	-11.93	-31.27	-24.15	-20.59	-24.00	-31.58	-43.72	-44.08	-75.26	-66.37	-54.23	-67.69	-53.74	-21.29	0.00			
ALBANY_2_SOLAR	323834	63.09	58.66	57.87	57.58	57.92	59.58	80.78	87.26	87.47	83.98	88.82	81.47	77.85	81.32	89.12	109.75	113.17	161.95	150.76	126.39	129.55	111.12	102.89	87.95			
		2.50	2.50	2.55	2.42	2.55	2.73	3.48	3.25	3.04	2.57	2.00	1.94	1.94	1.99	2.11	2.42	2.72	3.25	3.25	2.71	2.32	2.10	3.29	3.87			
		-4.98	-0.74	0.00	0.00	0.00	0.00	0.00	-4.88	-8.56	-11.93	-31.27	-24.16	-20.59	-24.01	-31.59	-43.73	-44.08	-75.27	-66.38	-54.24	-67.70	-53.75	-21.29	0.00			
ALBANY___1	23571	62.81	58.29	57.42	57.14	57.48	59.13	80.00	86.89	87.35	84.17	89.61	82.16	78.46	81.95	89.81	110.19	112.18	162.26	151.21	126.79	130.38	111.64	102.51	87.28			
		2.11	2.11	2.10	1.99	2.10	2.27	2.71	2.77	2.73	2.50	2.11	2.10	2.10	2.10	2.11	1.91	1.86	2.25	2.19	1.87	1.61	1.44	2.43	3.20			
		-5.09	-0.75	0.00	0.00	0.00	0.00	0.00	-4.99	-8.75	-12.19	-31.95	-24.68	-21.04	-24.53	-32.27	-44.67	-43.95	-76.58	-67.88	-55.47	-69.24	-54.94	-21.77	0.00			

ALBANY___2 23572	62.81 2.11 -5.09	58.29 2.11 -0.75	57.42 2.10 0.00	57.14 1.99 0.00	57.48 2.10 0.00	59.13 2.27 0.00	80.00 2.71 0.00	86.89 2.77 -4.99	87.35 2.73 -8.75	84.17 2.50 -12.19	89.61 2.11 -31.95	82.16 2.10 -24.68	78.46 2.10 -21.04	81.95 2.10 -24.53	89.81 2.11 -32.27	110.19 1.91 -44.67	112.18 1.86 -43.95	162.26 2.25 -76.58	151.21 2.19 -67.88	126.79 1.87 -55.47	130.38 1.61 -69.24	111.64 1.44 -54.94	102.51 2.43 -21.77	87.28 3.20 0.00
ALBANY___3 23573	62.81 2.11 -5.09	58.29 2.11 -0.75	57.42 2.10 0.00	57.14 1.99 0.00	57.48 2.10 0.00	59.13 2.27 0.00	80.00 2.71 0.00	86.89 2.77 -4.99	87.35 2.73 -8.75	84.17 2.50 -12.19	89.61 2.11 -31.95	82.16 2.10 -24.68	78.46 2.10 -21.04	81.95 2.10 -24.53	89.81 2.11 -32.27	110.19 1.91 -44.67	112.18 1.86 -43.95	162.26 2.25 -76.58	151.21 2.19 -67.88	126.79 1.87 -55.47	130.38 1.61 -69.24	111.64 1.44 -54.94	102.51 2.43 -21.77	87.28 3.20 0.00
ALBANY___4 23574	62.81 2.11 -5.09	58.29 2.11 -0.75	57.42 2.10 0.00	57.14 1.99 0.00	57.48 2.10 0.00	59.13 2.27 0.00	80.00 2.71 0.00	86.89 2.77 -4.99	87.35 2.73 -8.75	84.17 2.50 -12.19	89.61 2.11 -31.95	82.16 2.10 -24.68	78.46 2.10 -21.04	81.95 2.10 -24.53	89.81 2.11 -32.27	110.19 1.91 -44.67	112.18 1.86 -43.95	162.26 2.25 -76.58	151.21 2.19 -67.88	126.79 1.87 -55.47	130.38 1.61 -69.24	111.64 1.44 -54.94	102.51 2.43 -21.77	87.28 3.20 0.00
ALBANY___LFGE 323615	63.25 2.50 -5.13	58.68 2.50 -0.76	57.81 2.49 0.00	57.47 2.32 0.00	57.81 2.43 0.00	59.53 2.67 0.00	80.62 3.32 0.00	87.56 3.40 -5.03	88.03 3.33 -8.83	84.83 3.05 -12.30	90.30 2.50 -32.24	82.77 2.49 -24.90	78.98 2.43 -21.23	82.50 2.43 -24.75	90.49 2.50 -32.57	111.17 2.48 -45.08	113.28 2.46 -44.46	163.77 3.09 -77.25	152.57 3.00 -68.43	127.86 2.50 -55.92	131.47 2.14 -69.80	112.61 1.93 -55.41	103.32 3.05 -21.95	87.78 3.70 0.00
ALCOA_PA_115KV_PL-6C 55860	56.74 -1.11 -2.24	56.90 -0.78 -2.25	56.84 -0.72 -2.24	56.90 -0.50 -2.24	56.73 -0.89 -2.24	57.65 -1.48 -2.27	78.68 -1.62 -3.01	80.71 -1.50 -3.09	77.39 -1.44 -2.97	70.73 -1.39 -2.64	56.79 -0.94 -2.18	56.73 -0.83 -2.18	56.57 -0.72 -1.97	56.52 -0.77 -1.97	54.49 -0.94 0.00	62.35 -1.34 -0.07	65.17 -1.19 0.00	81.93 -1.50 0.00	79.83 -1.30 0.00	68.54 -0.90 0.00	59.00 -0.54 0.00	54.77 -0.50 0.00	77.14 -1.17 0.00	82.82 -1.26 0.00
ALCOA_RYNLDS___DRP 24188	56.74 -1.11 -2.24	56.90 -0.78 -2.25	56.84 -0.72 -2.24	56.90 -0.50 -2.24	56.73 -0.89 -2.24	57.65 -1.48 -2.27	78.68 -1.62 -3.01	80.71 -1.50 -3.09	77.39 -1.44 -2.97	70.73 -1.39 -2.64	56.79 -0.94 -2.18	56.73 -0.83 -2.18	56.57 -0.72 -1.97	56.52 -0.77 -1.97	54.49 -0.94 0.00	62.35 -1.34 -0.07	65.17 -1.19 0.00	81.93 -1.50 0.00	79.83 -1.30 0.00	68.54 -0.90 0.00	59.00 -0.54 0.00	54.77 -0.50 0.00	77.14 -1.17 0.00	82.82 -1.26 0.00
ALCOA___DSASP 323711	56.74 -1.11 -2.24	56.90 -0.78 -2.25	56.84 -0.72 -2.24	56.84 -0.55 -2.24	56.73 -0.89 -2.24	57.65 -1.48 -2.27	78.68 -1.63 -3.01	80.71 -1.51 -3.09	77.31 -1.52 -2.97	70.73 -1.39 -2.64	56.74 -1.00 -2.18	56.73 -0.83 -2.18	56.57 -0.72 -1.97	56.52 -0.77 -1.97	54.49 -0.94 0.00	62.34 -1.34 -0.07	65.18 -1.19 0.00	81.93 -1.50 0.00	79.83 -1.30 0.00	68.54 -0.90 0.00	59.00 -0.54 0.00	54.72 -0.55 0.00	77.14 -1.17 0.00	82.82 -1.26 0.00
ALLEGHENY___COGEN 23514	54.58 -1.72 -0.69	53.48 -2.05 -0.10	53.00 -2.32 0.00	52.94 -2.21 0.00	53.72 -1.66 0.00	56.06 -0.80 0.00	76.14 -1.16 0.00	77.40 -2.37 -0.64	73.95 -3.04 -1.13	67.79 -3.26 -1.57	57.00 -2.67 -4.12	55.56 -2.99 -3.18	54.77 -3.26 -2.71	55.33 -3.15 -3.16	56.87 -2.71 -4.16	67.08 -2.29 -5.76	65.20 -2.19 -1.02	81.48 -2.67 -0.72	79.12 -2.43 -0.42	67.56 -2.22 -0.35	57.60 -2.32 -0.38	53.08 -2.38 -0.18	75.60 -2.82 -0.10	80.97 -3.11 0.00
ALTAMONT_115KV_TB 2 55880	62.75 2.06 -5.08	58.23 2.05 -0.75	57.31 1.99 0.00	57.03 1.88 0.00	57.37 1.99 0.00	59.07 2.22 0.00	80.08 2.78 0.00	86.96 2.85 -4.98	87.41 2.81 -8.74	84.23 2.57 -12.18	89.53 2.06 -31.92	82.03 1.99 -24.66	78.34 1.99 -21.02	81.82 1.99 -24.51	89.67 2.00 -32.25	110.54 2.29 -44.64	112.04 2.32 -43.35	162.67 2.92 -76.32	151.81 2.84 -67.83	127.23 2.36 -55.43	130.74 2.02 -69.19	112.05 1.88 -54.90	102.80 2.74 -21.75	87.19 3.11 0.00
ALTONA_WT_PWR 323606	-7.17 -2.72 60.06	-7.17 -2.38 60.22	-7.17 -2.38 60.11	-7.17 -2.21 60.11	-7.17 -2.55 60.00	-7.17 -3.18 60.84	-7.15 -3.86 80.59	-7.15 -3.56 82.73	-7.15 -3.49 79.52	-4.62 -3.26 70.83	-5.44 -2.44 58.55	-5.44 -2.27 58.55	0.39 -2.16 52.78	0.26 -2.21 52.84	53.05 -2.38 0.00	58.71 -2.99 1.91	63.58 -2.78 0.00	80.09 -3.34 0.00	78.13 -3.00 0.00	67.36 -2.08 0.00	58.58 -0.95 0.00	54.55 -0.72 0.00	76.12 -2.19 0.00	82.07 -2.02 0.00
AMERICAN_REF_FUEL 24010	51.88 -4.34 -0.61	50.75 -4.77 -0.09	50.18 -5.14 0.00	50.35 -4.80 0.00	51.11 -4.26 0.00	53.21 -3.64 0.00	71.27 -6.03 0.00	70.03 -9.58 0.00	67.05 -9.64 -0.83	61.87 -8.76 -1.15	51.83 -6.72 -3.00	50.71 -6.98 -2.32	50.21 -7.08 -1.98	50.54 -7.08 -2.30	51.36 -7.10 -3.03	59.98 -7.83 -4.19	61.12 -7.76 -2.51	75.60 -11.27 -3.43	73.26 -10.71 -2.84	62.18 -9.58 -2.32	53.83 -8.57 -2.87	50.08 -7.40 -2.22	69.64 -9.56 -0.89	74.75 -9.34 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	52.67 -3.61 -0.68	51.37 -4.16 -0.10	51.39 -3.93 0.00	51.73 -3.42 0.00	53.38 -1.99 0.00	56.23 -0.62 0.00	76.14 -1.16 0.00	75.17 -4.51 -0.55	72.20 -4.63 -0.96	66.58 -4.24 -1.34	55.95 -3.11 -3.50	54.20 -3.88 -2.71	53.15 -4.48 -2.31	53.20 -4.81 -2.69	53.92 -5.04 -3.54	63.74 -4.77 -4.90	62.52 -6.24 -2.39	78.60 -7.93 -3.10	75.86 -7.79 -2.52	64.63 -6.88 -2.06	56.08 -6.01 -2.55	51.47 -5.75 -1.94	71.04 -8.06 -0.79	78.53 -5.55 0.00
ARTHUR KILL_GT_1 23520	61.82 4.67 -1.54	60.78 4.77 -0.58	60.14 4.81 -0.01	59.73 4.58 -0.01	60.15 4.76 -0.01	61.62 4.78 0.01	72.37 5.33 10.25	76.92 5.94 8.15	74.43 6.07 7.50	75.42 5.76 -0.18	65.12 4.50 -5.07	64.14 4.37 -4.39	64.19 4.48 -4.39	64.19 4.48 -4.39	65.14 4.44 -5.28	74.65 5.47 -5.57	65.70 5.77 6.44	97.41 7.18 -6.80	82.67 7.05 5.51	66.09 6.04 9.39	65.81 5.18 -1.10	73.86 4.81 -13.78	69.09 6.27 15.49	63.98 6.39 26.49
ARTHUR_KILL_2 23512	61.65 4.50 -1.54	60.61 4.60 -0.58	59.98 4.65 -0.01	59.57 4.41 -0.01	59.93 4.54 -0.01	61.45 4.60 0.01	72.06 5.02 10.25	76.68 5.70 8.15	74.20 5.84 7.50	75.22 5.56 -0.18	64.96 4.34 -5.07	63.98 4.21 -4.39	64.03 4.32 -4.39	64.03 4.32 -4.39	64.98 4.27 -5.28	74.46 5.28 -5.57	65.50 5.58 6.44	97.16 6.92 -6.80	82.35 6.73 5.51	65.81 5.76 9.39	65.63 5.00 -1.10	73.63 4.58 -13.78	68.85 6.03 15.49	63.73 6.13 26.49
ARTHUR_KILL_3 23513	61.64 4.50 -1.53	60.49 4.49 -0.57	59.91 4.59 0.00	59.46 4.30 0.00	59.86 4.48 0.00	61.52 4.66 0.00	72.46 5.41 10.25	77.00 6.01 8.14	74.59 6.22 7.50	75.43 5.76 -0.19	65.19 4.56 -5.08	64.15 4.37 -4.40	64.15 4.43 -4.40	64.15 4.43 -4.40	65.15 4.44 -5.28	74.59 5.40 -5.58	65.64 5.71 6.44	97.33 7.09 -6.81	82.44 6.82 5.51	65.89 5.83 9.38	65.64 5.00 -1.10	73.64 4.58 -13.78	68.78 5.95 15.48	63.64 6.06 26.50

ARTHUR_KILL_COGEN 323718	61.82 4.67 -1.54	60.78 4.77 -0.58	60.14 4.81 -0.01	59.73 4.58 -0.01	60.15 4.76 -0.01	61.62 4.78 0.01	72.37 5.33 10.25	76.92 5.94 8.15	74.43 6.07 7.50	75.42 5.76 -0.18	65.12 4.50 -5.07	64.14 4.37 -4.39	64.19 4.48 -4.39	64.19 4.48 -4.39	65.14 4.44 -5.28	74.65 5.47 -5.57	65.70 5.77 6.44	97.41 7.18 -6.80	82.67 7.05 5.51	66.09 6.04 9.39	65.81 5.18 -1.10	73.86 4.81 -13.78	69.09 6.27 15.49	63.98 6.39 26.49
ASHOKAN____ 23654	63.58 3.45 -4.52	59.42 3.33 -0.67	60.19 4.87 0.00	59.62 4.47 0.00	60.14 4.76 0.00	62.26 5.40 0.00	84.64 7.35 0.00	89.26 5.70 -4.43	89.41 5.76 -7.78	84.48 4.17 -10.84	86.73 2.78 -28.40	79.81 2.49 -21.94	76.57 2.55 -18.70	79.73 2.60 -21.81	87.06 2.94 -28.69	107.43 4.13 -39.69	120.16 8.30 -45.50	160.98 7.25 -70.29	148.56 7.14 -60.28	124.05 5.35 -49.26	125.49 4.47 -61.48	108.01 3.92 -48.81	102.59 4.94 -19.34	91.06 6.98 0.00
ASTORIA_EAST_ENERGY_CC1 323581	64.73 5.23 -3.89	61.22 5.21 -0.58	60.59 5.26 -0.01	60.23 5.07 -0.01	60.65 5.26 -0.01	62.49 5.63 -0.01	83.40 6.11 0.00	89.59 6.65 -3.81	89.22 6.68 -6.68	85.17 6.39 -9.31	84.89 4.94 -24.39	79.03 4.82 -18.84	76.25 4.87 -16.06	78.92 4.87 -18.73	84.89 4.82 -24.64	103.82 6.11 -34.11	123.07 6.17 -50.53	155.13 7.25 -64.44	140.32 7.38 -51.81	118.23 6.46 -42.33	118.03 5.66 -52.84	102.70 5.47 -41.96	102.38 7.44 -16.63	91.74 7.65 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	64.79 5.29 -3.89	61.22 5.21 -0.58	60.64 5.31 -0.01	60.23 5.07 -0.01	60.65 5.26 -0.01	62.55 5.68 -0.01	83.40 6.11 0.00	89.59 6.65 -3.81	89.29 6.75 -6.68	85.17 6.39 -9.31	84.89 4.94 -24.39	79.03 4.82 -18.84	76.25 4.87 -16.06	78.92 4.87 -18.73	84.89 4.82 -24.64	103.82 6.11 -34.11	123.14 6.24 -50.53	155.13 7.25 -64.44	140.32 7.38 -51.81	118.23 6.46 -42.33	118.09 5.72 -52.84	102.75 5.53 -41.96	102.38 7.44 -16.63	91.74 7.65 -0.01
ASTORIA_GT2_1 24094	64.79 5.28 -3.89	61.22 5.21 -0.58	60.58 5.26 -0.01	60.18 5.02 -0.01	60.59 5.21 -0.01	62.54 5.69 0.00	83.48 6.18 0.00	89.66 6.73 -3.80	89.29 6.75 -6.68	85.17 6.39 -9.30	84.82 4.89 -24.37	79.08 4.87 -18.83	76.24 4.87 -16.05	78.85 4.81 -18.71	84.93 4.88 -24.62	103.48 5.79 -34.08	122.84 5.91 -50.56	155.27 7.34 -64.49	139.88 6.90 -51.85	118.27 6.46 -42.37	118.13 5.72 -52.88	102.75 5.53 -41.95	102.37 7.44 -16.62	91.74 7.65 0.00
ASTORIA_GT2_2 24095	64.79 5.28 -3.89	61.22 5.21 -0.58	60.58 5.26 -0.01	60.18 5.02 -0.01	60.59 5.21 -0.01	62.54 5.69 0.00	83.48 6.18 0.00	89.66 6.73 -3.80	89.29 6.75 -6.68	85.17 6.39 -9.30	84.82 4.89 -24.37	79.08 4.87 -18.83	76.24 4.87 -16.05	78.85 4.81 -18.71	84.93 4.88 -24.62	103.48 5.79 -34.08	122.84 5.91 -50.56	155.27 7.34 -64.49	139.88 6.90 -51.85	118.27 6.46 -42.37	118.13 5.72 -52.88	102.75 5.53 -41.95	102.37 7.44 -16.62	91.74 7.65 0.00
ASTORIA_GT2_3 24096	64.79 5.28 -3.89	61.22 5.21 -0.58	60.58 5.26 -0.01	60.18 5.02 -0.01	60.59 5.21 -0.01	62.54 5.69 0.00	83.48 6.18 0.00	89.66 6.73 -3.80	89.29 6.75 -6.68	85.17 6.39 -9.30	84.82 4.89 -24.37	79.08 4.87 -18.83	76.24 4.87 -16.05	78.85 4.81 -18.71	84.93 4.88 -24.62	103.48 5.79 -34.08	122.84 5.91 -50.56	155.27 7.34 -64.49	139.88 6.90 -51.85	118.27 6.46 -42.37	118.13 5.72 -52.88	102.75 5.53 -41.95	102.37 7.44 -16.62	91.74 7.65 0.00
ASTORIA_GT2_4 24097	64.79 5.28 -3.89	61.22 5.21 -0.58	60.58 5.26 -0.01	60.18 5.02 -0.01	60.59 5.21 -0.01	62.54 5.69 0.00	83.48 6.18 0.00	89.66 6.73 -3.80	89.29 6.75 -6.68	85.17 6.39 -9.30	84.82 4.89 -24.37	79.08 4.87 -18.83	76.24 4.87 -16.05	78.85 4.81 -18.71	84.93 4.88 -24.62	103.48 5.79 -34.08	122.84 5.91 -50.56	155.27 7.34 -64.49	139.88 6.90 -51.85	118.27 6.46 -42.37	118.13 5.72 -52.88	102.75 5.53 -41.95	102.37 7.44 -16.62	91.74 7.65 0.00
ASTORIA_GT3_1 24098	64.79 5.28 -3.89	61.22 5.21 -0.58	60.58 5.26 -0.01	60.18 5.02 -0.01	60.59 5.21 -0.01	62.54 5.69 0.00	83.48 6.18 0.00	89.66 6.73 -3.80	89.29 6.75 -6.68	85.17 6.39 -9.30	84.82 4.89 -24.37	79.08 4.87 -18.83	76.24 4.87 -16.05	78.85 4.81 -18.71	84.93 4.88 -24.62	103.48 5.79 -34.08	122.84 5.91 -50.56	155.27 7.34 -64.49	139.88 6.90 -51.85	118.27 6.46 -42.37	118.13 5.72 -52.88	102.75 5.53 -41.95	102.37 7.44 -16.62	91.74 7.65 0.00
ASTORIA_GT3_2 24099	64.79 5.28 -3.89	61.22 5.21 -0.58	60.58 5.26 -0.01	60.18 5.02 -0.01	60.59 5.21 -0.01	62.54 5.69 0.00	83.48 6.18 0.00	89.66 6.73 -3.80	89.29 6.75 -6.68	85.17 6.39 -9.30	84.82 4.89 -24.37	79.08 4.87 -18.83	76.24 4.87 -16.05	78.85 4.81 -18.71	84.93 4.88 -24.62	103.48 5.79 -34.08	122.84 5.91 -50.56	155.27 7.34 -64.49	139.88 6.90 -51.85	118.27 6.46 -42.37	118.13 5.72 -52.88	102.75 5.53 -41.95	102.37 7.44 -16.62	91.74 7.65 0.00
ASTORIA_GT3_3 24100	64.79 5.28 -3.89	61.22 5.21 -0.58	60.58 5.26 -0.01	60.18 5.02 -0.01	60.59 5.21 -0.01	62.54 5.69 0.00	83.48 6.18 0.00	89.66 6.73 -3.80	89.29 6.75 -6.68	85.17 6.39 -9.30	84.82 4.89 -24.37	79.08 4.87 -18.83	76.24 4.87 -16.05	78.85 4.81 -18.71	84.93 4.88 -24.62	103.48 5.79 -34.08	122.84 5.91 -50.56	155.27 7.34 -64.49	139.88 6.90 -51.85	118.27 6.46 -42.37	118.13 5.72 -52.88	102.75 5.53 -41.95	102.37 7.44 -16.62	91.74 7.65 0.00
ASTORIA_GT3_4 24101	64.79 5.28 -3.89	61.22 5.21 -0.58	60.58 5.26 -0.01	60.18 5.02 -0.01	60.59 5.21 -0.01	62.54 5.69 0.00	83.48 6.18 0.00	89.66 6.73 -3.80	89.29 6.75 -6.68	85.17 6.39 -9.30	84.82 4.89 -24.37	79.08 4.87 -18.83	76.24 4.87 -16.05	78.85 4.81 -18.71	84.93 4.88 -24.62	103.48 5.79 -34.08	122.84 5.91 -50.56	155.27 7.34 -64.49	139.88 6.90 -51.85	118.27 6.46 -42.37	118.13 5.72 -52.88	102.75 5.53 -41.95	102.37 7.44 -16.62	91.74 7.65 0.00
ASTORIA_GT4_1 24102	64.79 5.28 -3.89	61.22 5.21 -0.58	60.58 5.26 -0.01	60.18 5.02 -0.01	60.59 5.21 -0.01	62.54 5.69 0.00	83.48 6.18 0.00	89.66 6.73 -3.80	89.29 6.75 -6.68	85.17 6.39 -9.30	84.82 4.89 -24.37	79.08 4.87 -18.83	76.24 4.87 -16.05	78.85 4.81 -18.71	84.93 4.88 -24.62	103.48 5.79 -34.08	122.84 5.91 -50.56	155.27 7.34 -64.49	139.88 6.90 -51.85	118.27 6.46 -42.37	118.13 5.72 -52.88	102.75 5.53 -41.95	102.37 7.44 -16.62	91.74 7.65 0.00
ASTORIA_GT4_2 24103	64.79 5.28 -3.89	61.22 5.21 -0.58	60.58 5.26 -0.01	60.18 5.02 -0.01	60.59 5.21 -0.01	62.54 5.69 0.00	83.48 6.18 0.00	89.66 6.73 -3.80	89.29 6.75 -6.68	85.17 6.39 -9.30	84.82 4.89 -24.37	79.08 4.87 -18.83	76.24 4.87 -16.05	78.85 4.81 -18.71	84.93 4.88 -24.62	103.48 5.79 -34.08	122.84 5.91 -50.56	155.27 7.34 -64.49	139.88 6.90 -51.85	118.27 6.46 -42.37	118.13 5.72 -52.88	102.75 5.53 -41.95	102.37 7.44 -16.62	91.74 7.65 0.00
ASTORIA_GT4_3 24104	64.79 5.28 -3.89	61.22 5.21 -0.58	60.58 5.26 -0.01	60.18 5.02 -0.01	60.59 5.21 -0.01	62.54 5.69 0.00	83.48 6.18 0.00	89.66 6.73 -3.80	89.29 6.75 -6.68	85.17 6.39 -9.30	84.82 4.89 -24.37	79.08 4.87 -18.83	76.24 4.87 -16.05	78.85 4.81 -18.71	84.93 4.88 -24.62	103.48 5.79 -34.08	122.84 5.91 -50.56	155.27 7.34 -64.49	139.88 6.90 -51.85	118.27 6.46 -42.37	118.13 5.72 -52.88	102.75 5.53 -41.95	102.37 7.44 -16.62	91.74 7.65 0.00

ASTORIA_GT4_4 24105	64.79 5.28 -3.89	61.22 5.21 -0.58	60.58 5.26 -0.01	60.18 5.02 -0.01	60.59 5.21 -0.01	62.54 5.69 0.00	83.48 6.18 0.00	89.66 6.73 -3.80	89.29 6.75 -6.68	85.17 6.39 -9.30	84.82 4.89 -24.37	79.08 4.87 -18.83	76.24 4.87 -16.05	78.85 4.81 -18.71	84.93 4.88 -24.62	103.48 5.79 -34.08	122.84 5.91 -50.56	155.27 7.34 -64.49	139.88 6.90 -51.85	118.27 6.46 -42.37	118.13 5.72 -52.88	102.75 5.53 -41.95	102.37 7.44 -16.62	91.74 7.65 0.00
ASTORIA_GT_1 23523	64.84 5.34 -3.89	61.33 5.32 -0.58	60.69 5.36 -0.01	60.34 5.18 -0.01	60.75 5.37 -0.01	62.66 5.80 -0.01	83.64 6.34 0.00	89.82 6.88 -3.81	89.45 6.90 -6.68	85.39 6.60 -9.31	85.00 5.05 -24.39	79.14 4.93 -18.84	76.42 5.03 -16.06	79.08 5.03 -18.73	85.00 4.93 -24.64	103.95 6.24 -34.11	123.27 6.37 -50.53	155.38 7.51 -64.44	140.48 7.55 -51.81	118.37 6.60 -42.33	118.21 5.84 -52.84	102.87 5.64 -41.96	102.53 7.59 -16.63	91.91 7.82 -0.01
ASTORIA_GT_10 24110	64.73 5.23 -3.89	61.17 5.15 -0.58	60.47 5.14 -0.01	60.07 4.91 -0.01	60.48 5.09 -0.01	62.20 5.34 0.00	83.40 6.11 0.00	89.66 6.73 -3.80	89.37 6.83 -6.68	85.24 6.46 -9.30	84.93 5.00 -24.37	79.19 4.98 -18.83	76.35 4.98 -16.05	78.96 4.92 -18.71	84.98 4.93 -24.62	103.61 5.92 -34.08	123.10 6.17 -50.56	155.60 7.68 -64.49	140.20 7.22 -51.85	118.27 6.46 -42.37	118.02 5.60 -52.88	102.47 5.25 -41.95	101.98 7.05 -16.62	91.32 7.23 0.00
ASTORIA_GT_11 24225	64.73 5.23 -3.89	61.17 5.15 -0.58	60.47 5.14 -0.01	60.07 4.91 -0.01	60.48 5.09 -0.01	62.20 5.34 0.00	83.40 6.11 0.00	89.66 6.73 -3.80	89.37 6.83 -6.68	85.24 6.46 -9.30	84.93 5.00 -24.37	79.19 4.98 -18.83	76.35 4.98 -16.05	78.96 4.92 -18.71	84.98 4.93 -24.62	103.61 5.92 -34.08	123.10 6.17 -50.56	155.60 7.68 -64.49	140.20 7.22 -51.85	118.27 6.46 -42.37	118.02 5.60 -52.88	102.47 5.25 -41.95	101.98 7.05 -16.62	91.32 7.23 0.00
ASTORIA_GT_12 24226	64.73 5.23 -3.89	61.17 5.15 -0.58	60.47 5.14 -0.01	60.07 4.91 -0.01	60.48 5.09 -0.01	62.20 5.34 0.00	83.40 6.11 0.00	89.66 6.73 -3.80	89.37 6.83 -6.68	85.24 6.46 -9.30	84.93 5.00 -24.37	79.19 4.98 -18.83	76.35 4.98 -16.05	78.96 4.92 -18.71	84.98 4.93 -24.62	103.61 5.92 -34.08	123.10 6.17 -50.56	155.60 7.68 -64.49	140.20 7.22 -51.85	118.27 6.46 -42.37	118.02 5.60 -52.88	102.47 5.25 -41.95	101.98 7.05 -16.62	91.32 7.23 0.00
ASTORIA_GT_13 24227	64.73 5.23 -3.89	61.17 5.15 -0.58	60.47 5.14 -0.01	60.07 4.91 -0.01	60.48 5.09 -0.01	62.20 5.34 0.00	83.40 6.11 0.00	89.66 6.73 -3.80	89.37 6.83 -6.68	85.24 6.46 -9.30	84.93 5.00 -24.37	79.19 4.98 -18.83	76.35 4.98 -16.05	78.96 4.92 -18.71	84.98 4.93 -24.62	103.61 5.92 -34.08	123.10 6.17 -50.56	155.60 7.68 -64.49	140.20 7.22 -51.85	118.27 6.46 -42.37	118.02 5.60 -52.88	102.47 5.25 -41.95	101.98 7.05 -16.62	91.32 7.23 0.00
ASTORIA_GT_5 24106	64.84 5.34 -3.89	61.33 5.32 -0.58	60.64 5.31 -0.01	60.29 5.13 -0.01	60.70 5.32 -0.01	62.65 5.80 0.00	83.64 6.34 0.00	89.82 6.88 -3.80	89.44 6.90 -6.68	85.38 6.60 -9.30	84.98 5.06 -24.37	79.19 4.98 -18.83	76.35 4.98 -16.05	78.96 4.92 -18.71	85.04 4.99 -24.62	103.61 5.92 -34.08	122.97 6.04 -50.56	155.43 7.51 -64.49	140.04 7.06 -51.85	118.41 6.60 -42.37	118.25 5.83 -52.88	102.86 5.64 -41.95	102.53 7.60 -16.62	91.90 7.82 0.00
ASTORIA_GT_7 24107	64.84 5.34 -3.89	61.33 5.32 -0.58	60.64 5.31 -0.01	60.29 5.13 -0.01	60.70 5.32 -0.01	62.65 5.80 0.00	83.64 6.34 0.00	89.82 6.88 -3.80	89.44 6.90 -6.68	85.38 6.60 -9.30	84.98 5.06 -24.37	79.19 4.98 -18.83	76.35 4.98 -16.05	78.96 4.92 -18.71	85.04 4.99 -24.62	103.61 5.92 -34.08	122.97 6.04 -50.56	155.43 7.51 -64.49	140.04 7.06 -51.85	118.41 6.60 -42.37	118.25 5.83 -52.88	102.86 5.64 -41.95	102.53 7.60 -16.62	91.90 7.82 0.00
ASTORIA_GT_8 24108	64.84 5.34 -3.89	61.33 5.32 -0.58	60.64 5.31 -0.01	60.29 5.13 -0.01	60.70 5.32 -0.01	62.65 5.80 0.00	83.64 6.34 0.00	89.82 6.88 -3.80	89.44 6.90 -6.68	85.38 6.60 -9.30	84.98 5.06 -24.37	79.19 4.98 -18.83	76.35 4.98 -16.05	78.96 4.92 -18.71	85.04 4.99 -24.62	103.61 5.92 -34.08	122.97 6.04 -50.56	155.43 7.51 -64.49	140.04 7.06 -51.85	118.41 6.60 -42.37	118.25 5.83 -52.88	102.86 5.64 -41.95	102.53 7.60 -16.62	91.90 7.82 0.00
ASTORIA___2 24149	64.79 5.29 -3.89	61.22 5.21 -0.58	60.64 5.31 -0.01	60.23 5.07 -0.01	60.65 5.26 -0.01	62.55 5.68 -0.01	83.48 6.19 0.00	89.66 6.72 -3.81	89.29 6.75 -6.68	85.17 6.39 -9.31	84.89 4.94 -24.39	79.03 4.82 -18.84	76.31 4.92 -16.06	78.97 4.92 -18.73	84.89 4.82 -24.64	103.82 6.11 -34.11	123.14 6.24 -50.53	155.22 7.34 -64.44	140.32 7.38 -51.81	118.23 6.46 -42.33	118.09 5.72 -52.84	102.75 5.53 -41.96	102.38 7.44 -16.63	91.74 7.65 -0.01
ASTORIA___3 23516	64.73 5.23 -3.89	61.17 5.16 -0.58	60.53 5.20 -0.01	60.13 4.97 -0.01	60.53 5.15 -0.01	62.20 5.34 0.00	83.40 6.11 0.00	89.66 6.72 -3.81	89.37 6.83 -6.68	85.25 6.46 -9.31	85.00 5.05 -24.39	79.14 4.93 -18.84	76.42 5.03 -16.06	79.03 4.98 -18.73	85.00 4.93 -24.64	103.82 6.11 -34.11	123.21 6.31 -50.53	155.54 7.67 -64.44	140.48 7.55 -51.81	118.23 6.46 -42.33	117.97 5.59 -52.84	102.41 5.19 -41.95	101.98 7.05 -16.62	91.32 7.23 0.00
ASTORIA___4 23517	64.73 5.23 -3.89	61.17 5.15 -0.58	60.47 5.14 -0.01	60.07 4.91 -0.01	60.48 5.09 -0.01	62.20 5.34 0.00	83.40 6.11 0.00	89.66 6.73 -3.80	89.37 6.83 -6.68	85.24 6.46 -9.30	84.93 5.00 -24.37	79.19 4.98 -18.83	76.35 4.98 -16.05	78.96 4.92 -18.71	84.98 4.93 -24.62	103.61 5.92 -34.08	123.10 6.17 -50.56	155.60 7.68 -64.49	140.20 7.22 -51.85	118.27 6.46 -42.37	118.02 5.60 -52.88	102.47 5.25 -41.95	101.98 7.05 -16.62	91.32 7.23 0.00
ASTORIA___5 23518	64.73 5.23 -3.89	61.17 5.16 -0.58	60.53 5.20 -0.01	60.13 4.97 -0.01	60.53 5.15 -0.01	62.20 5.34 0.00	83.40 6.11 0.00	89.66 6.72 -3.81	89.37 6.83 -6.68	85.25 6.46 -9.31	85.00 5.05 -24.39	79.14 4.93 -18.84	76.42 5.03 -16.06	79.03 4.98 -18.73	85.00 4.93 -24.64	103.82 6.11 -34.11	123.21 6.31 -50.53	155.54 7.67 -64.44	140.48 7.55 -51.81	118.23 6.46 -42.33	117.97 5.59 -52.84	102.41 5.19 -41.95	101.98 7.05 -16.62	91.32 7.23 0.00
AST_ENERGY_2_CC3 323677	64.33 4.84 -3.88	60.77 4.77 -0.57	60.13 4.81 0.00	59.73 4.58 0.00	60.14 4.76 0.00	61.80 4.94 0.00	83.10 5.80 0.00	89.43 6.49 -3.81	89.14 6.60 -6.68	84.90 6.12 -9.31	84.77 4.83 -24.39	78.92 4.70 -18.84	76.14 4.76 -16.06	78.80 4.76 -18.73	84.78 4.71 -24.64	103.44 5.73 -34.10	122.94 6.04 -50.53	155.46 7.59 -64.44	140.24 7.30 -51.80	117.95 6.18 -42.33	117.67 5.30 -52.83	102.08 4.86 -41.95	101.35 6.42 -16.62	90.65 6.56 0.00
AST_ENERGY_2_CC4 323678	64.33 4.84 -3.88	60.77 4.77 -0.57	60.13 4.81 0.00	59.73 4.58 0.00	60.14 4.76 0.00	61.80 4.94 0.00	83.10 5.80 0.00	89.43 6.49 -3.81	89.14 6.60 -6.68	84.90 6.12 -9.31	84.77 4.83 -24.39	78.92 4.70 -18.84	76.14 4.76 -16.06	78.80 4.76 -18.73	84.78 4.71 -24.64	103.44 5.73 -34.10	122.94 6.04 -50.53	155.46 7.59 -64.44	140.24 7.30 -51.80	117.95 6.18 -42.33	117.67 5.30 -52.83	102.08 4.86 -41.95	101.35 6.42 -16.62	90.65 6.56 0.00

ATHENS_STG_1 23668	62.74	58.65	57.87	57.52	57.92	59.64	80.78	87.20	87.20	83.64	86.64	79.95	76.66	79.76	86.75	106.46	133.92	164.33	145.28	122.01	123.84	106.71	101.32	87.95
	2.61	2.55	2.55	2.37	2.55	2.79	3.48	3.64	3.57	3.33	2.72	2.66	2.66	2.66	2.66	3.18	3.25	4.00	3.89	3.33	2.86	2.65	3.68	3.87
	-4.52	-0.67	0.00	0.00	0.00	0.00	0.00	-4.43	-7.77	-10.82	-28.37	-21.91	-18.68	-21.78	-28.66	-39.67	-64.30	-76.90	-60.25	-49.23	-61.45	-48.79	-19.33	0.00
ATHENS_STG_2 23670	62.74	58.65	57.87	57.52	57.92	59.64	80.78	87.20	87.20	83.64	86.64	79.95	76.66	79.76	86.75	106.46	133.92	164.33	145.28	122.01	123.84	106.71	101.32	87.95
	2.61	2.55	2.55	2.37	2.55	2.79	3.48	3.64	3.57	3.33	2.72	2.66	2.66	2.66	2.66	3.18	3.25	4.00	3.89	3.33	2.86	2.65	3.68	3.87
	-4.52	-0.67	0.00	0.00	0.00	0.00	0.00	-4.43	-7.77	-10.82	-28.37	-21.91	-18.68	-21.78	-28.66	-39.67	-64.30	-76.90	-60.25	-49.23	-61.45	-48.79	-19.33	0.00
ATHENS_STG_3 23677	62.74	58.65	57.87	57.52	57.92	59.64	80.78	87.20	87.20	83.64	86.64	79.95	76.66	79.76	86.75	106.46	133.92	164.33	145.28	122.01	123.84	106.71	101.32	87.95
	2.61	2.55	2.55	2.37	2.55	2.79	3.48	3.64	3.57	3.33	2.72	2.66	2.66	2.66	2.66	3.18	3.25	4.00	3.89	3.33	2.86	2.65	3.68	3.87
	-4.52	-0.67	0.00	0.00	0.00	0.00	0.00	-4.43	-7.77	-10.82	-28.37	-21.91	-18.68	-21.78	-28.66	-39.67	-64.30	-76.90	-60.25	-49.23	-61.45	-48.79	-19.33	0.00
AUBURN___LFGE 323710	56.02	55.23	54.99	54.66	54.99	56.97	77.76	79.87	76.75	70.72	58.75	57.67	57.24	57.54	58.55	68.22	72.67	93.55	89.82	76.40	68.09	62.06	80.83	83.75
	-0.11	-0.28	-0.33	-0.50	-0.39	0.11	0.46	0.24	0.00	0.00	-0.06	-0.22	-0.22	-0.28	-0.17	0.06	0.07	0.17	0.08	-0.07	-0.24	-0.39	-0.31	-0.34
	-0.52	-0.08	0.00	0.00	0.00	0.00	0.00	-0.51	-0.89	-1.24	-3.25	-2.51	-2.14	-2.50	-3.28	-4.55	-6.24	-9.95	-8.61	-7.03	-8.79	-7.17	-2.84	0.00
BABYLON_RES_REC 323704	90.94	75.37	71.90	70.50	75.09	74.72	106.90	127.69	109.69	87.61	86.22	80.03	77.36	80.19	85.95	107.94	132.64	157.47	142.35	131.99	126.31	118.91	110.49	103.17
	6.34	6.26	6.30	6.07	6.26	6.65	8.50	9.02	8.95	8.13	6.28	5.81	5.98	6.14	5.87	7.38	7.76	9.59	9.41	7.98	6.90	6.30	8.54	8.74
	-29.00	-13.67	-10.27	-9.28	-13.46	-11.21	-21.10	-39.55	-24.88	-10.01	-24.39	-18.84	-16.07	-18.73	-24.64	-36.95	-58.51	-64.45	-51.81	-54.57	-59.87	-57.34	-23.64	-10.35
BABYLON__69_KV_BK2 356345	91.78	76.25	72.73	71.33	75.98	75.57	107.90	128.88	110.75	88.51	86.43	80.35	77.46	80.29	86.32	108.74	133.54	158.20	142.73	132.93	127.25	119.74	111.59	104.35
	7.17	7.15	7.14	6.89	7.14	7.50	9.51	10.21	10.01	9.03	6.50	6.15	6.09	6.25	6.26	8.21	8.63	10.26	9.74	8.89	7.80	7.13	9.63	9.92
	-29.00	-13.67	-10.27	-9.28	-13.46	-11.21	-21.10	-39.54	-24.88	-10.00	-24.38	-18.83	-16.05	-18.72	-24.63	-36.93	-58.54	-64.50	-51.86	-54.61	-59.92	-57.34	-23.64	-10.35
BALL_HILL_WT_PWR 323825	52.76	51.53	51.94	52.12	53.16	55.55	74.82	73.63	70.62	65.04	54.56	53.32	52.67	52.97	53.81	62.99	62.47	78.51	75.77	64.55	56.08	51.52	71.53	78.36
	-3.50	-3.99	-3.38	-3.03	-2.22	-1.31	-2.48	-6.02	-6.14	-5.70	-4.28	-4.60	-4.81	-4.87	-4.93	-5.21	-6.31	-8.09	-7.95	-7.01	-6.07	-5.75	-7.60	-5.72
	-0.65	-0.10	0.00	0.00	0.00	0.00	0.00	-0.52	-0.90	-1.26	-3.28	-2.54	-2.16	-2.52	-3.31	-4.59	-2.41	-3.17	-2.58	-2.12	-2.62	-2.00	-0.81	0.00
BARON_WINDS___WT_PWR 323822	54.12	52.90	53.44	53.38	54.05	56.29	76.45	77.10	74.11	68.27	58.26	56.68	55.93	56.61	58.14	68.41	64.47	80.42	77.85	66.48	57.06	52.49	74.48	81.48
	-2.39	-2.66	-1.88	-1.77	-1.33	-0.57	-0.85	-2.85	-3.18	-3.19	-2.50	-2.71	-2.82	-2.71	-2.55	-2.48	-3.12	-3.75	-3.65	-3.26	-2.80	-2.88	-3.91	-2.61
	-0.90	-0.13	0.00	0.00	0.00	0.00	0.00	-0.82	-1.43	-1.99	-5.20	-4.02	-3.43	-4.00	-5.26	-7.28	-1.22	-0.74	-0.37	-0.31	-0.32	-0.10	-0.08	0.00
BARRETT_IC_1 23704	89.77	74.25	70.79	69.39	73.98	73.52	104.96	125.79	107.95	86.16	85.23	79.15	76.42	79.25	85.00	106.61	131.12	155.64	140.49	130.39	124.95	117.69	109.08	102.16
	5.17	5.16	5.20	4.97	5.15	5.46	6.57	7.12	7.21	6.67	5.28	4.93	5.03	5.20	4.93	6.05	6.24	7.76	7.55	6.38	5.54	5.08	7.13	7.73
	-28.99	-13.67	-10.27	-9.27	-13.45	-11.21	-21.10	-39.54	-24.87	-10.01	-24.39	-18.84	-16.07	-18.73	-24.64	-36.95	-58.51	-64.45	-51.81	-54.57	-59.87	-57.34	-23.64	-10.35
BARRETT_IC_10 23701	89.77	74.25	70.79	69.39	73.98	73.52	104.96	125.79	107.95	86.16	85.23	79.15	76.42	79.25	85.00	106.61	131.12	155.64	140.49	130.39	124.95	117.69	109.08	102.16
	5.17	5.16	5.20	4.97	5.15	5.46	6.57	7.12	7.21	6.67	5.28	4.93	5.03	5.20	4.93	6.05	6.24	7.76	7.55	6.38	5.54	5.08	7.13	7.73
	-28.99	-13.67	-10.27	-9.27	-13.45	-11.21	-21.10	-39.54	-24.87	-10.01	-24.39	-18.84	-16.07	-18.73	-24.64	-36.95	-58.51	-64.45	-51.81	-54.57	-59.87	-57.34	-23.64	-10.35
BARRETT_IC_11 23702	89.77	74.25	70.79	69.39	73.98	73.52	104.96	125.79	107.95	86.16	85.23	79.15	76.42	79.25	85.00	106.61	131.12	155.64	140.49	130.39	124.95	117.69	109.08	102.16
	5.17	5.16	5.20	4.97	5.15	5.46	6.57	7.12	7.21	6.67	5.28	4.93	5.03	5.20	4.93	6.05	6.24	7.76	7.55	6.38	5.54	5.08	7.13	7.73
	-28.99	-13.67	-10.27	-9.27	-13.45	-11.21	-21.10	-39.54	-24.87	-10.01	-24.39	-18.84	-16.07	-18.73	-24.64	-36.95	-58.51	-64.45	-51.81	-54.57	-59.87	-57.34	-23.64	-10.35
BARRETT_IC_12 23703	89.77	74.25	70.79	69.39	73.98	73.52	104.96	125.79	107.95	86.16	85.23	79.15	76.42	79.25	85.00	106.61	131.12	155.64	140.49	130.39	124.95	117.69	109.08	102.16
	5.17	5.16	5.20	4.97	5.15	5.46	6.57	7.12	7.21	6.67	5.28	4.93	5.03	5.20	4.93	6.05	6.24	7.76	7.55	6.38	5.54	5.08	7.13	7.73
	-28.99	-13.67	-10.27	-9.27	-13.45	-11.21	-21.10	-39.54	-24.87	-10.01	-24.39	-18.84	-16.07	-18.73	-24.64	-36.95	-58.51	-64.45	-51.81	-54.57	-59.87	-57.34	-23.64	-10.35
BARRETT_IC_2 23705	89.77	74.25	70.79	69.39	73.98	73.52	104.96	125.79	107.95	86.16	85.23	79.15	76.42	79.25	85.00	106.61	131.12	155.64	140.49	130.39	124.95	117.69	109.08	102.16
	5.17	5.16	5.20	4.97	5.15	5.46	6.57	7.12	7.21	6.67	5.28	4.93	5.03	5.20	4.93	6.05	6.24	7.76	7.55	6.38	5.54	5.08	7.13	7.73
	-28.99	-13.67	-10.27	-9.27	-13.45	-11.21	-21.10	-39.54	-24.87	-10.01	-24.39	-18.84	-16.07	-18.73	-24.64	-36.95	-58.51	-64.45	-51.81	-54.57	-59.87	-57.34	-23.64	-10.35
BARRETT_IC_3 23706	89.77	74.25	70.79	69.39	73.98	73.52	104.96	125.79	107.95	86.16	85.23	79.15	76.42	79.25	85.00	106.61	131.12	155.64	140.49	130.39	124.95	117.69	109.08	102.16
	5.17	5.16	5.20	4.97	5.15	5.46	6.57	7.12	7.21	6.67	5.28	4.93	5.03	5.20	4.93	6.05	6.24	7.76	7.55	6.38	5.54	5.08	7.13	7.73
	-28.99	-13.67	-10.27	-9.27	-13.45	-11.21	-21.10	-39.54	-24.87	-10.01	-24.39	-18.84	-16.07	-18.73	-24.64	-36.95	-58.51	-64.45	-51.81	-54.57	-59.87	-57.34	-23.64	-10.35
BARRETT_IC_4 23707	89.77	74.25	70.79	69.39	73.98	73.52	104.96	125.79	107.95	86.16	85.23	79.15	76.42	79.25	85.00	106.61	131.12	155.64	140.49	130.39	124.95	117.69	109.08	102.16
	5.17	5.16	5.20	4.97	5.15	5.46	6.57	7.12	7.21	6.67	5.28	4.93	5.03	5.20	4.93	6.05	6.24	7.76	7.55	6.38	5.54	5.08	7.13	7.73
	-28.99	-13.67	-10.27	-9.27	-13.45	-11.21	-21.10	-39.54	-24.87	-10.01	-24.39	-18.84	-16.07	-18.73	-24.64	-36.95	-58.51	-64.45	-51.81	-54.57	-59.87	-57.34	-23.64	-10.35

BARRETT_IC_5 23708	89.77 5.17 -28.99	74.25 5.16 -13.67	70.79 5.20 -10.27	69.39 4.97 -9.27	73.98 5.15 -13.45	73.52 5.46 -11.21	104.96 6.57 -21.10	125.79 7.12 -39.54	107.95 7.21 -24.87	86.16 6.67 -10.01	85.23 5.28 -24.39	79.15 4.93 -18.84	76.42 5.03 -16.07	79.25 5.20 -18.73	85.00 4.93 -24.64	106.61 6.05 -36.95	131.12 6.24 -58.51	155.64 7.76 -64.45	140.49 7.55 -51.81	130.39 6.38 -54.57	124.95 5.54 -59.87	117.69 5.08 -57.34	109.08 7.13 -23.64	102.16 7.73 -10.35
BARRETT_IC_6 23709	89.77 5.17 -28.99	74.25 5.16 -13.67	70.79 5.20 -10.27	69.39 4.97 -9.27	73.98 5.15 -13.45	73.52 5.46 -11.21	104.96 6.57 -21.10	125.79 7.12 -39.54	107.95 7.21 -24.87	86.16 6.67 -10.01	85.23 5.28 -24.39	79.15 4.93 -18.84	76.42 5.03 -16.07	79.25 5.20 -18.73	85.00 4.93 -24.64	106.61 6.05 -36.95	131.12 6.24 -58.51	155.64 7.76 -64.45	140.49 7.55 -51.81	130.39 6.38 -54.57	124.95 5.54 -59.87	117.69 5.08 -57.34	109.08 7.13 -23.64	102.16 7.73 -10.35
BARRETT_IC_7 23710	89.77 5.17 -28.99	74.25 5.15 -13.67	70.73 5.14 -10.27	69.33 4.91 -9.27	73.92 5.09 -13.45	73.46 5.40 -11.21	104.89 6.49 -21.10	125.71 7.04 -39.54	107.94 7.21 -24.87	86.15 6.67 -10.00	84.82 4.89 -24.38	78.86 4.65 -18.83	75.97 4.59 -16.05	78.74 4.70 -18.72	84.82 4.77 -24.63	106.58 6.04 -36.93	131.15 6.24 -58.54	155.44 7.51 -64.50	140.05 7.06 -51.86	130.43 6.39 -54.61	124.99 5.54 -59.92	117.69 5.08 -57.34	109.08 7.13 -23.64	102.17 7.74 -10.35
BARRETT_IC_8 23711	89.77 5.17 -28.99	74.25 5.16 -13.67	70.79 5.20 -10.27	69.39 4.97 -9.27	73.98 5.15 -13.45	73.52 5.46 -11.21	104.96 6.57 -21.10	125.79 7.12 -39.54	107.95 7.21 -24.87	86.16 6.67 -10.01	85.23 5.28 -24.39	79.15 4.93 -18.84	76.42 5.03 -16.07	79.25 5.20 -18.73	85.00 4.93 -24.64	106.61 6.05 -36.95	131.12 6.24 -58.51	155.64 7.76 -64.45	140.49 7.55 -51.81	130.39 6.38 -54.57	124.95 5.54 -59.87	117.69 5.08 -57.34	109.08 7.13 -23.64	102.16 7.73 -10.35
BARRETT_IC_9 23700	89.77 5.17 -28.99	74.25 5.16 -13.67	70.79 5.20 -10.27	69.39 4.97 -9.27	73.98 5.15 -13.45	73.52 5.46 -11.21	104.96 6.57 -21.10	125.79 7.12 -39.54	107.95 7.21 -24.87	86.16 6.67 -10.01	85.23 5.28 -24.39	79.15 4.93 -18.84	76.42 5.03 -16.07	79.25 5.20 -18.73	85.00 4.93 -24.64	106.61 6.05 -36.95	131.12 6.24 -58.51	155.64 7.76 -64.45	140.49 7.55 -51.81	130.39 6.38 -54.57	124.95 5.54 -59.87	117.69 5.08 -57.34	109.08 7.13 -23.64	102.16 7.73 -10.35
BARRETT___1 23545	89.77 5.17 -28.99	74.25 5.16 -13.67	70.79 5.20 -10.27	69.39 4.97 -9.27	73.98 5.15 -13.45	73.52 5.46 -11.21	104.96 6.57 -21.10	125.79 7.12 -39.54	107.95 7.21 -24.87	86.16 6.67 -10.01	85.23 5.28 -24.39	79.15 4.93 -18.84	76.42 5.03 -16.07	79.25 5.20 -18.73	85.00 4.93 -24.64	106.61 6.05 -36.95	131.12 6.24 -58.51	155.64 7.76 -64.45	140.49 7.55 -51.81	130.39 6.38 -54.57	124.95 5.54 -59.87	117.69 5.08 -57.34	109.08 7.13 -23.64	102.16 7.73 -10.35
BARRETT___2 23546	89.77 5.17 -28.99	74.25 5.16 -13.67	70.79 5.20 -10.27	69.39 4.97 -9.27	73.98 5.15 -13.45	73.52 5.46 -11.21	104.96 6.57 -21.10	125.79 7.12 -39.54	107.95 7.21 -24.87	86.16 6.67 -10.01	85.23 5.28 -24.39	79.15 4.93 -18.84	76.42 5.03 -16.07	79.25 5.20 -18.73	85.00 4.93 -24.64	106.61 6.05 -36.95	131.12 6.24 -58.51	155.64 7.76 -64.45	140.49 7.55 -51.81	130.39 6.38 -54.57	124.95 5.54 -59.87	117.69 5.08 -57.34	109.08 7.13 -23.64	102.16 7.73 -10.35
BATAVIA__115KV_TB1 55881	54.17 -2.00 -0.56	53.07 -2.44 -0.08	52.44 -2.88 0.00	52.50 -2.65 0.00	53.38 -1.99 0.00	55.66 -1.19 0.00	74.90 -2.40 0.00	74.63 -4.99 -0.48	71.47 -5.23 -0.84	65.72 -4.93 -1.17	54.90 -3.72 -3.07	53.76 -3.99 -2.37	53.25 -4.09 -2.02	53.58 -4.09 -2.36	54.65 -3.88 -3.10	63.83 -4.07 -4.29	64.55 -4.25 -2.42	80.43 -6.34 -3.34	77.98 -5.92 -2.77	66.29 -5.42 -2.27	57.16 -5.18 -2.80	52.77 -4.75 -2.26	73.97 -5.25 -0.91	78.62 -5.47 0.00
BAYONEEC___CTG1 323682	64.28 4.78 -3.88	60.77 4.77 -0.57	60.13 4.81 0.00	59.67 4.52 0.00	60.08 4.70 0.00	61.80 4.94 0.00	83.10 5.80 0.00	82.15 6.49 3.47	82.15 6.60 0.31	83.88 6.12 -8.29	68.56 4.83 -8.17	67.56 4.70 -7.48	67.56 4.76 -7.48	67.56 4.76 -7.48	68.56 4.71 -8.42	77.80 5.79 -8.40	68.36 6.04 4.05	100.02 7.59 -8.99	85.21 7.30 3.23	68.56 6.18 7.06	68.49 5.36 -3.60	76.31 4.86 -16.17	82.06 6.42 2.68	69.88 6.56 20.77
BAYONEEC___CTG10 323750	64.28 4.78 -3.88	60.77 4.77 -0.57	60.13 4.81 0.00	59.67 4.52 0.00	60.08 4.70 0.00	61.80 4.94 0.00	83.10 5.80 0.00	82.15 6.49 3.47	82.15 6.60 0.31	83.88 6.12 -8.29	68.56 4.83 -8.17	67.56 4.70 -7.48	67.56 4.76 -7.48	67.56 4.76 -7.48	68.56 4.71 -8.42	77.80 5.79 -8.40	68.36 6.04 4.05	100.02 7.59 -8.99	85.21 7.30 3.23	68.56 6.18 7.06	68.49 5.36 -3.60	76.31 4.86 -16.17	82.06 6.42 2.68	69.88 6.56 20.77
BAYONEEC___CTG2 323683	64.28 4.78 -3.88	60.77 4.77 -0.57	60.13 4.81 0.00	59.67 4.52 0.00	60.08 4.70 0.00	61.80 4.94 0.00	83.10 5.80 0.00	82.15 6.49 3.47	82.15 6.60 0.31	83.88 6.12 -8.29	68.56 4.83 -8.17	67.56 4.70 -7.48	67.56 4.76 -7.48	67.56 4.76 -7.48	68.56 4.71 -8.42	77.80 5.79 -8.40	68.36 6.04 4.05	100.02 7.59 -8.99	85.21 7.30 3.23	68.56 6.18 7.06	68.49 5.36 -3.60	76.31 4.86 -16.17	82.06 6.42 2.68	69.88 6.56 20.77
BAYONEEC___CTG3 323684	64.28 4.78 -3.88	60.77 4.77 -0.57	60.13 4.81 0.00	59.67 4.52 0.00	60.08 4.70 0.00	61.80 4.94 0.00	83.10 5.80 0.00	82.15 6.49 3.47	82.15 6.60 0.31	83.88 6.12 -8.29	68.56 4.83 -8.17	67.56 4.70 -7.48	67.56 4.76 -7.48	67.56 4.76 -7.48	68.56 4.71 -8.42	77.80 5.79 -8.40	68.36 6.04 4.05	100.02 7.59 -8.99	85.21 7.30 3.23	68.56 6.18 7.06	68.49 5.36 -3.60	76.31 4.86 -16.17	82.06 6.42 2.68	69.88 6.56 20.77
BAYONEEC___CTG4 323685	64.28 4.78 -3.88	60.77 4.77 -0.57	60.13 4.81 0.00	59.67 4.52 0.00	60.08 4.70 0.00	61.80 4.94 0.00	83.10 5.80 0.00	82.15 6.49 3.47	82.15 6.60 0.31	83.88 6.12 -8.29	68.56 4.83 -8.17	67.56 4.70 -7.48	67.56 4.76 -7.48	67.56 4.76 -7.48	68.56 4.71 -8.42	77.80 5.79 -8.40	68.36 6.04 4.05	100.02 7.59 -8.99	85.21 7.30 3.23	68.56 6.18 7.06	68.49 5.36 -3.60	76.31 4.86 -16.17	82.06 6.42 2.68	69.88 6.56 20.77
BAYONEEC___CTG5 323686	64.28 4.78 -3.88	60.77 4.77 -0.57	60.13 4.81 0.00	59.67 4.52 0.00	60.08 4.70 0.00	61.80 4.94 0.00	83.10 5.80 0.00	82.15 6.49 3.47	82.15 6.60 0.31	83.88 6.12 -8.29	68.56 4.83 -8.17	67.56 4.70 -7.48	67.56 4.76 -7.48	67.56 4.76 -7.48	68.56 4.71 -8.42	77.80 5.79 -8.40	68.36 6.04 4.05	100.02 7.59 -8.99	85.21 7.30 3.23	68.56 6.18 7.06	68.49 5.36 -3.60	76.31 4.86 -16.17	82.06 6.42 2.68	69.88 6.56 20.77
BAYONEEC___CTG6 323687	64.28 4.78 -3.88	60.77 4.77 -0.57	60.13 4.81 0.00	59.67 4.52 0.00	60.08 4.70 0.00	61.80 4.94 0.00	83.10 5.80 0.00	82.15 6.49 3.47	82.15 6.60 0.31	83.88 6.12 -8.29	68.56 4.83 -8.17	67.56 4.70 -7.48	67.56 4.76 -7.48	67.56 4.76 -7.48	68.56 4.71 -8.42	77.80 5.79 -8.40	68.36 6.04 4.05	100.02 7.59 -8.99	85.21 7.30 3.23	68.56 6.18 7.06	68.49 5.36 -3.60	76.31 4.86 -16.17	82.06 6.42 2.68	69.88 6.56 20.77

BAYONEEC___CTG7 323688	64.28 4.78 -3.88	60.77 4.77 -0.57	60.13 4.81 0.00	59.67 4.52 0.00	60.08 4.70 0.00	61.80 4.94 0.00	83.10 5.80 0.00	82.15 6.49 3.47	82.15 6.60 0.31	83.88 6.12 -8.29	68.56 4.83 -8.17	67.56 4.70 -7.48	67.56 4.76 -7.48	67.56 4.76 -7.48	68.56 4.71 -8.42	77.80 5.79 -8.40	68.36 6.04 4.05	100.02 7.59 -8.99	85.21 7.30 3.23	68.56 6.18 7.06	68.49 5.36 -3.60	76.31 4.86 -16.17	82.06 6.42 2.68	69.88 6.56 20.77
BAYONEEC___CTG8 323689	64.28 4.78 -3.88	60.77 4.77 -0.57	60.13 4.81 0.00	59.67 4.52 0.00	60.08 4.70 0.00	61.80 4.94 0.00	83.10 5.80 0.00	82.15 6.49 3.47	82.15 6.60 0.31	83.88 6.12 -8.29	68.56 4.83 -8.17	67.56 4.70 -7.48	67.56 4.76 -7.48	67.56 4.76 -7.48	68.56 4.71 -8.42	77.80 5.79 -8.40	68.36 6.04 4.05	100.02 7.59 -8.99	85.21 7.30 3.23	68.56 6.18 7.06	68.49 5.36 -3.60	76.31 4.86 -16.17	82.06 6.42 2.68	69.88 6.56 20.77
BAYONEEC___CTG9 323749	64.28 4.78 -3.88	60.77 4.77 -0.57	60.13 4.81 0.00	59.67 4.52 0.00	60.08 4.70 0.00	61.80 4.94 0.00	83.10 5.80 0.00	82.15 6.49 3.47	82.15 6.60 0.31	83.88 6.12 -8.29	68.56 4.83 -8.17	67.56 4.70 -7.48	67.56 4.76 -7.48	67.56 4.76 -7.48	68.56 4.71 -8.42	77.80 5.79 -8.40	68.36 6.04 4.05	100.02 7.59 -8.99	85.21 7.30 3.23	68.56 6.18 7.06	68.49 5.36 -3.60	76.31 4.86 -16.17	82.06 6.42 2.68	69.88 6.56 20.77
BEACON___LESR 323632	63.58 2.89 -5.08	59.01 2.83 -0.75	58.14 2.82 0.00	57.85 2.70 0.00	58.20 2.82 0.00	59.92 3.07 0.00	81.31 4.02 0.00	88.15 4.03 -4.98	88.55 3.94 -8.75	85.20 3.54 -12.18	90.32 2.83 -31.93	82.81 2.77 -24.67	79.06 2.71 -21.03	82.55 2.71 -24.52	90.46 2.77 -32.26	111.13 2.87 -44.65	113.38 2.99 -44.03	163.79 3.84 -76.52	152.65 3.73 -67.79	127.96 3.13 -55.39	131.29 2.62 -69.14	112.53 2.38 -54.89	103.66 3.60 -21.75	88.37 4.29 0.00
BEAVER RIVER___HYD 24048	58.89 -0.66 -3.94	58.53 -0.72 -3.82	58.45 -0.66 -3.79	58.29 -0.66 -3.79	58.44 -0.72 -3.79	59.95 -0.74 -3.84	82.38 0.00 -5.09	85.05 0.56 -5.37	81.44 0.30 -5.27	75.07 0.77 -4.83	60.13 -0.06 -4.63	59.63 -0.17 -4.42	58.99 -0.28 -3.95	59.15 -0.22 -4.05	56.15 -0.22 -0.94	65.55 0.51 -1.43	68.37 0.66 -1.34	86.72 1.00 -2.29	84.20 1.05 -2.02	71.99 0.90 -1.65	62.31 0.72 -2.06	57.24 0.33 -1.63	79.19 0.24 -0.65	83.50 -0.58 0.00
BEEBEE_GT_13 23619	54.48 -1.61 -0.49	53.62 -1.88 -0.07	52.55 -2.77 0.00	52.45 -2.70 0.00	53.10 -2.27 0.00	55.15 -1.71 0.00	74.44 -2.86 0.00	75.42 -4.19 -0.49	72.32 -4.40 -0.86	66.64 -4.03 -1.19	55.62 -3.06 -3.12	54.58 -3.21 -2.41	54.06 -3.32 -2.06	54.40 -3.32 -2.40	55.43 -3.16 -3.16	64.61 -3.37 -4.37	65.36 -3.45 -2.44	81.90 -5.01 -3.48	79.42 -4.62 -2.92	67.59 -4.24 -2.39	58.32 -4.17 -2.96	53.84 -3.81 -2.38	75.12 -4.15 -0.95	79.12 -4.96 0.00
BENSHRST_27_KV_BENSHRST_1 355998	64.90 5.39 -3.89	61.33 5.32 -0.58	60.64 5.31 -0.01	60.18 5.02 -0.01	60.59 5.21 -0.01	62.31 5.46 0.00	83.64 6.34 0.00	89.90 6.96 -3.80	89.59 7.06 -6.68	85.52 6.74 -9.30	85.15 5.22 -24.37	79.41 5.21 -18.83	76.57 5.20 -16.05	79.18 5.14 -18.71	85.26 5.21 -24.62	103.93 6.23 -34.08	123.50 6.57 -50.56	156.18 8.26 -64.49	140.77 7.79 -51.85	118.69 6.87 -42.37	118.37 5.95 -52.88	102.69 5.47 -41.95	102.22 7.28 -16.62	91.57 7.48 0.00
BETHLEHEM___GRP 23843	62.81 2.11 -5.09	58.29 2.11 -0.75	57.42 2.10 0.00	57.14 1.99 0.00	57.48 2.10 0.00	59.13 2.27 0.00	80.00 2.71 0.00	86.89 2.77 -4.99	87.35 2.73 -8.75	84.17 2.50 -12.19	89.61 2.11 -31.95	82.16 2.10 -24.68	78.46 2.10 -21.04	81.95 2.10 -24.53	89.81 2.11 -32.27	110.19 1.91 -44.67	112.18 1.86 -43.95	162.26 2.25 -76.58	151.21 2.19 -67.88	126.79 1.87 -55.47	130.38 1.61 -69.24	111.64 1.44 -54.94	102.51 2.43 -21.77	87.28 3.20 0.00
BETHLEHEM___GS1 323560	62.81 2.11 -5.09	58.29 2.11 -0.75	57.48 2.16 0.00	57.13 1.98 0.00	57.48 2.10 0.00	59.13 2.28 0.00	80.00 2.70 0.00	86.89 2.77 -4.99	87.35 2.73 -8.75	84.17 2.50 -12.20	89.63 2.11 -31.96	82.17 2.10 -24.69	78.47 2.10 -21.05	81.96 2.10 -24.54	89.82 2.11 -32.29	110.21 1.91 -44.69	112.15 1.86 -43.93	162.22 2.25 -76.54	151.17 2.19 -67.85	126.76 1.88 -55.44	130.34 1.61 -69.20	111.64 1.43 -54.94	102.51 2.43 -21.77	87.28 3.19 0.00
BETHLEHEM___GS2 323561	62.81 2.11 -5.09	58.29 2.11 -0.75	57.48 2.16 0.00	57.13 1.98 0.00	57.48 2.10 0.00	59.13 2.28 0.00	80.00 2.70 0.00	86.89 2.77 -4.99	87.35 2.73 -8.75	84.17 2.50 -12.20	89.63 2.11 -31.96	82.17 2.10 -24.69	78.47 2.10 -21.05	81.96 2.10 -24.54	89.82 2.11 -32.29	110.21 1.91 -44.69	112.15 1.86 -43.93	162.22 2.25 -76.54	151.17 2.19 -67.85	126.76 1.88 -55.44	130.34 1.61 -69.20	111.64 1.43 -54.94	102.51 2.43 -21.77	87.28 3.19 0.00
BETHLEHEM___GS3 323562	62.81 2.11 -5.09	58.29 2.11 -0.75	57.48 2.16 0.00	57.13 1.98 0.00	57.48 2.10 0.00	59.13 2.28 0.00	80.00 2.70 0.00	86.89 2.77 -4.99	87.35 2.73 -8.75	84.17 2.50 -12.20	89.63 2.11 -31.96	82.17 2.10 -24.69	78.47 2.10 -21.05	81.96 2.10 -24.54	89.82 2.11 -32.29	110.21 1.91 -44.69	112.15 1.86 -43.93	162.22 2.25 -76.54	151.17 2.19 -67.85	126.76 1.88 -55.44	130.34 1.61 -69.20	111.64 1.43 -54.94	102.51 2.43 -21.77	87.28 3.19 0.00
BETHLEHEM___STEEL 23779	52.65 -3.61 -0.65	51.42 -4.10 -0.10	52.11 -3.21 0.00	52.23 -2.92 0.00	53.10 -2.27 0.00	55.38 -1.48 0.00	74.44 -2.86 0.00	73.16 -6.49 -0.52	70.17 -6.60 -0.91	64.70 -6.04 -1.26	54.25 -4.61 -3.30	53.05 -4.87 -2.55	52.52 -4.98 -2.18	52.88 -4.98 -2.54	53.89 -4.88 -3.34	62.82 -5.41 -4.62	62.32 -6.44 -2.39	78.15 -8.43 -3.14	75.50 -8.19 -2.56	64.32 -7.22 -2.10	55.94 -6.19 -2.60	51.54 -5.80 -2.08	71.63 -7.52 -0.84	78.20 -5.89 0.00
BETHLHEM_115KV_TB1 79974	62.81 2.11 -5.08	58.29 2.11 -0.75	57.42 2.10 0.00	57.14 1.99 0.00	57.48 2.10 0.00	59.13 2.27 0.00	80.08 2.78 0.00	86.88 2.77 -4.98	87.34 2.73 -8.74	84.23 2.57 -12.18	89.59 2.11 -31.93	82.14 2.10 -24.66	78.45 2.10 -21.03	81.88 2.05 -24.51	89.79 2.11 -32.25	110.23 1.97 -44.64	112.12 1.92 -43.83	162.34 2.42 -76.49	151.32 2.35 -67.84	126.82 1.94 -55.43	130.39 1.67 -69.19	111.72 1.55 -54.90	102.57 2.51 -21.75	87.28 3.20 0.00
BETHPAGE_CC_5 323564	90.22 5.61 -29.00	74.65 5.54 -13.67	71.18 5.59 -10.27	69.78 5.35 -9.28	74.37 5.54 -13.46	73.92 5.86 -11.21	105.81 7.42 -21.10	126.66 7.99 -39.55	108.71 7.96 -24.88	86.71 7.23 -10.01	85.62 5.67 -24.39	79.48 5.26 -18.84	76.81 5.42 -16.07	79.64 5.59 -18.73	85.34 5.27 -24.64	107.24 6.68 -36.95	131.91 7.03 -58.51	156.56 8.68 -64.45	141.46 8.52 -51.81	131.23 7.22 -54.57	125.66 6.25 -59.87	118.30 5.69 -57.34	109.55 7.59 -23.64	102.33 7.90 -10.35
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	52.54 -3.73 -0.66	51.31 -4.21 -0.10	52.39 -2.93 0.00	52.50 -2.65 0.00	53.38 -1.99 0.00	55.66 -1.19 0.00	74.90 -2.40 0.00	73.57 -6.09 -0.53	70.57 -6.22 -0.93	65.00 -5.77 -1.29	54.53 -4.39 -3.36	53.38 -4.60 -2.60	52.84 -4.70 -2.22	53.20 -4.70 -2.58	54.23 -4.60 -3.40	63.23 -5.09 -4.70	62.54 -6.24 -2.41	78.59 -8.01 -3.17	75.85 -7.87 -2.58	64.68 -6.87 -2.12	56.32 -5.83 -2.62	51.83 -5.53 -2.09	71.72 -7.44 -0.85	78.79 -5.30 0.00

BINGHAMTON___COGEN 23790	56.98 0.06 -1.32	55.51 -0.11 -0.19	55.60 0.28 0.00	55.37 0.22 0.00	55.76 0.39 0.00	57.71 0.85 0.00	78.53 1.24 0.00	80.95 0.55 -1.27	78.39 0.30 -2.22	72.79 0.21 -3.10	63.84 0.17 -8.12	61.65 0.00 -6.27	60.61 -0.06 -5.35	61.50 -0.06 -6.23	63.74 0.11 -8.20	75.28 0.32 -11.35	79.62 0.07 -13.18	104.22 0.17 -20.62	99.05 0.16 -17.75	84.02 0.07 -14.51	77.70 0.06 -18.11	69.37 -0.11 -14.21	83.79 -0.16 -5.63	84.59 0.50 0.00
BIXINCNT_115KV_LOAD 355685	51.13 -5.17 -0.70	49.93 -5.60 -0.10	52.33 -2.99 0.00	52.45 -2.70 0.00	53.38 -1.99 0.00	55.66 -1.19 0.00	75.60 -1.70 0.00	74.09 -5.62 -0.57	71.63 -5.23 -1.00	65.94 -4.93 -1.40	55.60 -3.61 -3.65	54.10 -4.10 -2.82	53.47 -4.26 -2.41	54.03 -4.09 -2.81	55.07 -4.05 -3.69	64.27 -4.45 -5.11	63.02 -5.77 -2.43	79.31 -7.26 -3.14	76.13 -7.55 -2.55	65.00 -6.53 -2.08	57.05 -5.06 -2.57	52.30 -5.03 -2.06	71.86 -7.28 -0.83	80.22 -3.87 0.00
BLACK RIVER___HYD 24047	58.52 0.06 -2.86	58.01 -0.11 -2.69	57.86 -0.11 -2.65	57.64 -0.16 -2.65	57.91 -0.11 -2.65	59.59 0.06 -2.68	82.24 1.39 -3.55	85.12 2.14 -3.85	81.47 1.75 -3.86	74.90 1.80 -3.62	60.28 0.83 -3.89	59.58 0.61 -3.59	58.90 0.39 -3.19	59.15 0.50 -3.33	57.36 0.61 -1.32	66.99 1.46 -1.91	69.83 1.59 -1.87	88.79 2.17 -3.19	86.22 2.27 -2.81	73.54 1.80 -2.30	63.83 1.43 -2.87	58.43 0.88 -2.28	80.23 1.02 -0.90	84.51 0.42 0.00
BLACKRVR_115KV_TB2 79977	58.52 0.06 -2.86	58.01 -0.11 -2.69	57.86 -0.11 -2.65	57.64 -0.17 -2.65	57.91 -0.11 -2.65	59.59 0.06 -2.68	82.24 1.39 -3.55	85.12 2.14 -3.85	81.48 1.74 -3.87	74.91 1.81 -3.63	60.29 0.83 -3.91	59.59 0.61 -3.61	58.91 0.39 -3.20	59.17 0.50 -3.35	57.43 0.67 -1.34	67.01 1.46 -1.94	69.80 1.59 -1.84	88.74 2.17 -3.14	86.18 2.27 -2.77	73.51 1.81 -2.27	63.79 1.43 -2.83	58.43 0.88 -2.28	80.23 1.02 -0.90	84.50 0.42 0.00
BLISS_WT_PWR 323608	50.75 -5.56 -0.70	49.55 -5.99 -0.10	52.00 -3.32 0.00	52.12 -3.03 0.00	53.10 -2.27 0.00	55.32 -1.53 0.00	75.29 -2.01 0.00	73.77 -5.94 -0.57	71.48 -5.38 -1.00	65.80 -5.07 -1.39	55.52 -3.67 -3.63	53.92 -4.26 -2.81	53.29 -4.43 -2.39	53.90 -4.21 -2.79	54.83 -4.27 -3.67	64.11 -4.58 -5.08	62.70 -6.17 -2.50	79.27 -7.43 -3.26	76.08 -7.71 -2.66	64.88 -6.73 -2.18	56.98 -5.24 -2.69	51.69 -5.64 -2.06	71.55 -7.60 -0.83	80.05 -4.03 0.00
BLUESTONE___WT_PWR 323821	60.48 3.45 -1.42	58.85 3.21 -0.21	58.86 3.54 0.00	58.63 3.48 0.00	59.09 3.71 0.00	61.23 4.38 0.00	84.33 7.03 0.00	89.50 8.86 -1.51	86.48 7.96 -2.65	80.40 7.23 -3.69	70.57 5.33 -9.68	67.67 4.82 -7.48	66.12 4.43 -6.37	67.45 4.70 -7.43	70.14 4.93 -9.78	83.63 6.49 -13.53	88.15 5.11 -16.67	116.79 6.92 -26.44	110.79 6.82 -22.84	93.86 5.76 -18.66	87.67 4.82 -23.32	77.77 3.92 -18.57	90.99 5.33 -7.34	90.05 5.97 0.00
BLUE_CIRC_CHEM_DRP 24182	62.77 2.17 -4.99	58.33 2.16 -0.74	57.48 2.16 0.00	57.19 2.04 0.00	57.53 2.16 0.00	59.19 2.33 0.00	80.23 2.94 0.00	86.79 2.77 -4.89	87.11 2.66 -8.59	83.81 2.36 -11.96	88.80 1.89 -31.36	81.43 1.83 -24.22	77.80 1.83 -20.65	81.28 1.88 -24.08	89.05 1.94 -31.68	109.56 2.10 -43.85	112.24 2.19 -43.68	161.46 2.67 -75.36	150.36 2.60 -66.63	126.11 2.22 -54.45	129.40 1.91 -67.96	110.96 1.77 -53.92	102.42 2.74 -21.36	87.36 3.28 0.00
BOC_GAS_DRP 24189	62.57 1.89 -5.07	58.06 1.88 -0.75	57.20 1.88 0.00	56.92 1.76 0.00	57.26 1.88 0.00	58.90 2.05 0.00	79.85 2.55 0.00	86.63 2.53 -4.96	87.08 2.50 -8.71	83.98 2.36 -12.14	89.30 1.94 -31.80	81.83 1.88 -24.57	78.15 1.88 -20.94	81.62 1.88 -24.42	89.44 1.88 -32.13	110.18 2.10 -44.47	111.55 2.06 -43.12	162.03 2.59 -76.01	151.14 2.43 -67.58	126.75 2.08 -55.22	130.25 1.79 -68.92	111.62 1.66 -54.69	102.49 2.51 -21.67	86.94 2.86 0.00
BOONVILLE_115KV_TB1 79983	58.06 0.89 -1.56	57.72 0.83 -1.46	57.59 0.83 -1.44	57.36 0.77 -1.44	57.70 0.89 -1.43	59.39 1.08 -1.45	81.39 2.16 -1.93	83.69 2.45 -2.10	80.19 2.20 -2.12	73.77 2.29 -2.00	58.98 1.22 -2.21	58.62 1.22 -2.02	58.22 1.11 -1.79	58.37 1.16 -1.88	57.47 1.22 -0.82	66.76 1.97 -1.18	69.55 2.06 -1.12	88.10 2.75 -1.91	85.58 2.76 -1.68	73.11 2.29 -1.38	63.10 1.85 -1.72	58.10 1.44 -1.39	80.82 1.96 -0.55	85.68 1.60 0.00
BORALEX_4TH_BRANCH 23824	64.83 4.17 -5.05	60.22 4.05 -0.75	59.36 4.04 0.00	59.01 3.86 0.00	59.42 4.04 0.00	61.29 4.43 0.00	83.17 5.87 -4.95	90.09 6.01 -8.68	90.39 5.84 -12.09	86.92 5.35 -31.69	91.25 4.00 -24.48	83.96 4.10 -20.87	80.23 4.04 -20.87	83.64 3.98 -24.33	91.38 3.94 -32.02	112.51 4.58 -44.32	116.87 4.98 -45.53	166.26 6.17 -76.65	154.56 6.08 -67.34	129.75 5.28 -55.03	132.75 4.52 -68.69	113.80 4.03 -54.50	105.62 5.72 -21.59	89.97 5.89 0.00
BOWLINE___1 23526	63.43 4.06 -3.77	59.98 3.99 -0.56	59.31 3.99 0.00	58.90 3.75 0.00	59.31 3.93 0.00	61.06 4.21 0.00	82.56 5.26 0.00	88.59 5.77 -3.69	88.18 5.84 -6.47	83.85 5.35 -9.02	83.36 4.17 -23.64	77.68 4.04 -18.26	74.98 4.09 -15.57	77.56 4.09 -18.15	83.41 4.10 -23.88	101.63 4.96 -33.05	120.32 5.31 -48.64	152.44 6.68 -62.34	137.75 6.41 -50.21	115.89 5.42 -41.03	115.44 4.70 -51.21	100.18 4.26 -40.65	99.98 5.56 -16.11	89.80 5.72 0.00
BOWLINE___2 23595	63.43 4.06 -3.77	59.98 3.99 -0.56	59.31 3.99 0.00	58.90 3.75 0.00	59.31 3.93 0.00	61.06 4.21 0.00	82.56 5.26 0.00	88.59 5.77 -3.69	88.18 5.84 -6.48	83.85 5.35 -9.02	83.41 4.22 -23.64	77.68 4.04 -18.26	74.98 4.09 -15.57	77.56 4.09 -18.15	83.41 4.10 -23.88	101.63 4.96 -33.06	120.33 5.31 -48.65	152.45 6.68 -62.34	137.75 6.41 -50.21	115.89 5.42 -41.03	115.45 4.70 -51.21	100.18 4.26 -40.66	99.98 5.56 -16.11	89.80 5.72 0.00
BRADY___115KV_TB2 356060	59.75 -0.72 -4.87	59.92 -0.39 -4.88	59.92 -0.28 -4.87	59.97 -0.06 -4.87	59.74 -0.50 -4.86	60.59 -1.19 -4.93	82.82 -1.00 -6.53	85.12 -0.71 -6.70	81.47 -0.83 -6.44	74.45 -0.76 -5.74	59.80 -0.50 -4.74	59.73 -0.39 -4.74	59.27 -0.33 -4.28	59.33 -0.28 -4.28	54.88 -0.55 0.00	62.94 -0.83 -0.15	65.77 -0.60 0.00	82.68 -0.75 0.00	80.56 -0.57 0.00	69.16 -0.28 0.00	59.48 -0.06 0.00	55.16 -0.11 0.00	77.69 -0.63 0.00	83.50 -0.59 0.00
BRANSCOMB___SOLAR 323811	64.15 3.34 -5.21	59.47 3.27 -0.77	58.47 3.15 0.00	58.13 2.98 0.00	58.53 3.15 0.00	60.32 3.47 0.00	82.09 4.79 0.00	89.06 4.83 -5.11	89.53 4.71 -8.96	86.13 4.17 -12.48	91.38 3.11 -32.71	83.63 2.99 -25.27	79.85 2.99 -21.54	83.48 3.04 -25.11	91.58 3.10 -33.04	113.17 3.82 -45.74	115.88 4.05 -45.46	167.20 5.26 -78.51	155.84 5.27 -69.44	130.63 4.45 -56.74	134.11 3.75 -70.82	114.86 3.37 -56.22	105.37 4.78 -22.27	89.04 4.96 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	91.73 7.12 -29.00	76.14 7.04 -13.67	72.68 7.08 -10.27	71.27 6.84 -9.28	75.87 7.03 -13.46	75.52 7.45 -11.21	107.67 9.28 -21.10	128.72 10.05 -39.54	110.60 9.86 -24.88	88.37 8.89 -10.00	86.27 6.33 -24.38	80.13 5.93 -18.83	77.24 5.86 -16.05	80.07 6.03 -18.72	86.10 6.04 -24.63	108.49 7.95 -36.93	133.01 8.10 -58.54	157.20 9.26 -64.50	141.75 8.76 -51.86	132.45 8.40 -54.61	126.96 7.50 -59.92	119.46 6.85 -57.34	111.27 9.32 -23.64	104.01 9.59 -10.35



BRISTLHL_115KV_TB1 79998	54.66 -1.28 -0.33	54.09 -1.39 -0.05	53.83 -1.49 0.00	53.55 -1.60 0.00	53.88 -1.50 0.00	55.66 -1.19 0.00	75.75 -1.55 0.00	77.79 -1.66 -0.32	74.69 -1.74 -0.57	68.74 -1.53 -0.79	56.41 -1.22 -2.08	55.65 -1.33 -1.61	55.36 -1.33 -1.37	55.53 -1.38 -1.60	56.26 -1.27 -2.10	65.18 -1.34 -2.91	67.87 -1.39 -2.89	86.62 -1.75 -4.94	83.71 -1.78 -4.36	71.40 -1.60 -3.56	62.43 -1.55 -4.44	57.36 -1.49 -3.58	77.93 -1.80 -1.42	82.15 -1.93 0.00
BROOKHAVEN___DRP 24191	92.56 7.95 -29.00	76.98 7.87 -13.67	73.45 7.86 -10.27	72.10 7.67 -9.28	76.70 7.86 -13.46	76.26 8.19 -11.21	108.83 10.44 -21.10	129.83 11.16 -39.54	111.59 10.85 -24.88	89.21 9.73 -10.00	86.43 6.50 -24.38	80.08 5.87 -18.83	77.18 5.81 -16.05	80.01 5.97 -18.72	85.65 5.60 -24.63	108.11 7.57 -36.93	132.94 8.03 -58.54	157.61 9.68 -64.50	142.16 9.17 -51.86	132.38 8.33 -54.61	126.78 7.32 -59.92	119.35 6.74 -57.34	111.59 9.63 -23.64	104.35 9.92 -10.35
BROOKLYN_NAVY_YARD 23515	64.33 4.84 -3.88	60.77 4.77 -0.57	60.08 4.76 0.00	59.67 4.52 0.00	60.08 4.70 0.00	61.80 4.94 0.00	83.25 5.95 0.00	89.58 6.65 -3.81	89.29 6.75 -6.68	85.04 6.26 -9.31	84.89 4.94 -24.39	79.03 4.82 -18.84	76.25 4.87 -16.06	78.92 4.87 -18.73	84.89 4.82 -24.64	103.56 5.85 -34.10	123.07 6.17 -50.53	155.63 7.76 -64.44	140.39 7.46 -51.80	118.09 6.32 -42.33	117.84 5.47 -52.83	102.19 4.98 -41.95	101.51 6.58 -16.62	90.81 6.73 0.00
BROOKLYN___ARMY_DRP 323595	64.62 5.12 -3.89	61.11 5.10 -0.58	60.42 5.09 -0.01	60.01 4.85 -0.01	60.42 5.04 -0.01	62.09 5.23 0.00	83.33 6.03 0.00	89.58 6.65 -3.80	89.29 6.75 -6.68	85.17 6.39 -9.30	84.93 5.00 -24.37	79.13 4.93 -18.83	76.30 4.92 -16.05	78.90 4.87 -18.71	84.98 4.93 -24.62	103.61 5.92 -34.08	123.17 6.24 -50.56	155.77 7.84 -64.49	140.37 7.38 -51.85	118.34 6.53 -42.37	118.08 5.66 -52.88	102.47 5.25 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
BROOKVLE_69_KV_TB1 55790	90.11 5.51 -28.99	74.53 5.43 -13.67	70.96 5.37 -10.27	69.56 5.13 -9.28	74.15 5.32 -13.46	73.81 5.74 -11.21	105.58 7.19 -21.10	126.43 7.75 -39.54	108.55 7.81 -24.87	86.64 7.16 -10.00	85.32 5.39 -24.38	79.41 5.21 -18.83	76.52 5.14 -16.05	79.29 5.26 -18.72	85.38 5.32 -24.63	107.28 6.74 -36.93	132.01 7.10 -58.54	156.70 8.76 -64.50	141.27 8.28 -51.86	131.34 7.29 -54.61	125.71 6.25 -59.92	118.35 5.75 -57.34	109.55 7.60 -23.64	102.33 7.90 -10.35
BROOME_2_LFGE 323671	56.98 0.06 -1.32	55.51 -0.11 -0.19	55.60 0.28 0.00	55.37 0.22 0.00	55.82 0.44 0.00	57.71 0.85 0.00	78.53 1.23 0.00	80.97 0.56 -1.28	78.41 0.30 -2.24	72.81 0.21 -3.13	63.91 0.17 -8.19	61.70 0.00 -6.33	60.66 -0.06 -5.40	61.56 -0.06 -6.29	63.76 0.06 -8.28	75.38 0.32 -11.45	79.41 0.00 -13.04	103.98 0.17 -20.38	98.84 0.16 -17.54	83.84 0.07 -14.34	77.49 0.06 -17.89	69.32 -0.17 -14.21	83.79 -0.16 -5.63	84.59 0.51 0.00
BROOME___LFGE 323600	56.98 0.06 -1.32	55.51 -0.11 -0.19	55.60 0.28 0.00	55.37 0.22 0.00	55.82 0.44 0.00	57.71 0.85 0.00	78.53 1.23 0.00	80.97 0.56 -1.28	78.41 0.30 -2.24	72.81 0.21 -3.13	63.91 0.17 -8.19	61.70 0.00 -6.33	60.66 -0.06 -5.40	61.56 -0.06 -6.29	63.76 0.06 -8.28	75.38 0.32 -11.45	79.41 0.00 -13.04	103.98 0.17 -20.38	98.84 0.16 -17.54	83.84 0.07 -14.34	77.49 0.06 -17.89	69.32 -0.17 -14.21	83.79 -0.16 -5.63	84.59 0.51 0.00
BROWNFLS_115KV_TB_3_5 80003	61.19 -1.33 -6.91	61.11 -1.16 -6.84	61.03 -1.11 -6.81	60.97 -0.99 -6.81	60.90 -1.27 -6.80	62.05 -1.71 -6.90	84.89 -1.55 -9.13	87.50 -1.11 -9.48	83.85 -1.21 -9.20	77.00 -0.76 -8.28	61.97 -0.89 -7.30	61.75 -0.78 -7.15	60.91 -0.83 -6.42	61.05 -0.77 -6.50	55.11 -1.00 -0.67	63.80 -0.95 -1.15	66.43 -0.86 -0.92	84.09 -0.92 -1.58	81.71 -0.81 -1.39	69.95 -0.62 -1.14	60.48 -0.48 -1.42	55.92 -0.50 -1.15	77.83 -0.94 -0.45	82.65 -1.43 0.00
BROWNSV1_27_KV_LOAD 356125	64.78 5.28 -3.88	61.21 5.21 -0.57	60.52 5.20 0.00	60.12 4.96 0.00	60.47 5.09 0.00	62.31 5.46 0.00	83.87 6.57 0.00	90.21 7.28 -3.80	89.90 7.36 -6.68	85.66 6.88 -9.30	85.32 5.39 -24.37	79.46 5.26 -18.83	76.68 5.31 -16.05	79.29 5.26 -18.71	85.37 5.32 -24.62	104.12 6.42 -34.08	123.70 6.77 -50.56	156.43 8.51 -64.49	141.01 8.03 -51.85	118.75 6.94 -42.37	118.43 6.01 -52.88	102.69 5.47 -41.95	102.14 7.20 -16.62	91.48 7.40 0.00
BURROWS___LYONSDAL 23803	58.14 0.50 -2.03	57.80 0.44 -1.92	57.66 0.44 -1.90	57.44 0.39 -1.90	57.71 0.44 -1.90	59.40 0.63 -1.92	81.47 1.62 -2.55	83.85 1.98 -2.74	80.35 1.74 -2.74	73.98 1.95 -2.56	59.13 0.89 -2.69	58.70 0.83 -2.50	58.26 0.72 -2.22	58.46 0.83 -2.31	57.11 0.83 -0.84	66.49 1.65 -1.23	69.32 1.79 -1.16	87.83 2.42 -1.98	85.31 2.43 -1.74	72.88 2.01 -1.42	62.92 1.61 -1.78	57.92 1.22 -1.44	80.45 1.57 -0.57	85.09 1.01 0.00
CAITHNESS_CC_1 323624	92.23 7.62 -29.00	76.70 7.59 -13.67	73.23 7.64 -10.27	71.83 7.39 -9.28	76.48 7.64 -13.46	76.14 8.07 -11.21	108.75 10.36 -21.10	129.60 10.92 -39.55	111.51 10.77 -24.88	89.14 9.65 -10.01	86.84 6.89 -24.39	80.37 6.15 -18.84	77.69 6.30 -16.07	80.57 6.52 -18.73	85.95 5.87 -24.64	108.13 7.57 -36.95	132.91 8.03 -58.51	157.89 10.01 -64.45	142.76 9.81 -51.81	132.34 8.33 -54.57	126.61 7.20 -59.87	119.18 6.57 -57.34	111.19 9.24 -23.64	104.01 9.58 -10.35
CALPINE BETH_PAGE_GT4 24209	90.17 5.56 -29.00	74.59 5.49 -13.67	71.07 5.48 -10.27	69.67 5.24 -9.28	74.26 5.43 -13.46	73.87 5.80 -11.21	105.66 7.27 -21.10	126.59 7.91 -39.54	108.63 7.89 -24.87	86.64 7.16 -10.00	85.15 5.22 -24.38	79.19 4.98 -18.83	76.30 4.92 -16.05	79.07 5.03 -18.72	85.21 5.15 -24.63	107.15 6.62 -36.93	131.94 7.04 -58.54	156.36 8.43 -64.50	140.94 7.95 -51.86	131.27 7.22 -54.61	125.71 6.25 -59.92	118.35 5.75 -57.34	109.55 7.60 -23.64	102.33 7.90 -10.35
CALPINE_BETH_PAGE_GT_4 323586	90.17 5.56 -29.00	74.59 5.49 -13.67	71.12 5.53 -10.27	69.73 5.30 -9.28	74.32 5.48 -13.46	73.87 5.80 -11.21	105.74 7.35 -21.10	126.59 7.91 -39.55	108.63 7.89 -24.88	86.71 7.23 -10.01	85.56 5.61 -24.39	79.48 5.26 -18.84	76.81 5.42 -16.07	79.58 5.53 -18.73	85.34 5.27 -24.64	107.18 6.62 -36.95	131.91 7.03 -58.51	156.64 8.76 -64.45	141.46 8.52 -51.81	131.23 7.22 -54.57	125.66 6.25 -59.87	118.30 5.69 -57.34	109.55 7.59 -23.64	102.33 7.90 -10.35
CALPINE_BP_GT1 23823	90.17 5.56 -29.00	74.59 5.49 -13.67	71.12 5.53 -10.27	69.73 5.30 -9.28	74.32 5.48 -13.46	73.87 5.80 -11.21	105.74 7.35 -21.10	126.59 7.91 -39.55	108.63 7.89 -24.88	86.71 7.23 -10.01	85.56 5.61 -24.39	79.48 5.26 -18.84	76.81 5.42 -16.07	79.58 5.53 -18.73	85.34 5.27 -24.64	107.18 6.62 -36.95	131.91 7.03 -58.51	156.64 8.76 -64.45	141.46 8.52 -51.81	131.23 7.22 -54.57	125.66 6.25 -59.87	118.30 5.69 -57.34	109.55 7.59 -23.64	102.33 7.90 -10.35
CALSPAN___DRP 24200	52.65 -3.61 -0.65	51.42 -4.10 -0.10	52.11 -3.21 0.00	52.23 -2.92 0.00	53.10 -2.27 0.00	55.38 -1.48 0.00	74.44 -2.86 0.00	73.16 -6.49 -0.52	70.17 -6.60 -0.91	64.70 -6.04 -1.26	54.25 -4.61 -3.30	53.05 -4.87 -2.55	52.52 -4.98 -2.18	52.88 -4.98 -2.54	53.89 -4.88 -3.34	62.82 -5.41 -4.62	62.32 -6.44 -2.39	78.15 -8.43 -3.14	75.50 -8.19 -2.56	64.32 -7.22 -2.10	55.94 -6.19 -2.60	51.54 -5.80 -2.08	71.63 -7.52 -0.84	78.20 -5.89 0.00

CALVERTON___SOLAR 323806	92.84 8.23 -29.00	77.26 8.15 -13.67	73.84 8.24 -10.27	72.43 7.99 -9.28	77.09 8.25 -13.46	76.71 8.64 -11.21	109.68 11.29 -21.10	130.47 11.79 -39.55	112.35 11.61 -24.88	89.84 10.35 -10.01	87.34 7.39 -24.39	80.86 6.64 -18.84	78.13 6.75 -16.07	81.08 7.03 -18.73	86.28 6.21 -24.64	108.58 8.01 -36.95	133.50 8.62 -58.51	158.65 10.77 -64.45	143.57 10.63 -51.81	132.97 8.96 -54.57	127.14 7.74 -59.87	119.63 7.02 -57.34	112.06 10.11 -23.64	104.85 10.42 -10.35
CANDIGU_WT_PWR 323617	54.12 -2.39 -0.90	52.90 -2.66 -0.13	53.44 -1.88 0.00	53.38 -1.77 0.00	54.05 -1.33 0.00	56.29 -0.57 0.00	76.45 -0.85 0.00	77.10 -2.85 -0.82	74.11 -3.18 -1.43	68.27 -3.19 -1.99	58.26 -2.50 -5.20	56.68 -2.71 -4.02	55.93 -2.82 -3.43	56.61 -2.71 -4.00	58.14 -2.55 -5.26	68.41 -2.48 -7.28	64.47 -3.12 -1.22	80.42 -3.75 -0.74	77.85 -3.65 -0.37	66.48 -3.26 -0.31	57.06 -2.80 -0.32	52.49 -2.88 -0.10	74.48 -3.91 -0.08	81.48 -2.61 0.00
CARR STREET_E_SYR 24060	55.09 -0.89 -0.37	54.49 -1.00 -0.05	54.21 -1.11 0.00	53.94 -1.21 0.00	54.27 -1.11 0.00	56.06 -0.80 0.00	76.29 -1.01 0.00	78.38 -1.11 -0.36	75.20 -1.29 -0.63	69.24 -1.11 -0.88	56.97 -0.89 -2.30	56.16 -1.00 -1.78	55.79 -1.05 -1.52	56.04 -1.05 -1.77	56.76 -1.00 -2.33	65.88 -0.95 -3.22	68.60 -1.06 -3.29	87.64 -1.42 -5.62	84.71 -1.38 -4.96	72.17 -1.32 -4.05	63.34 -1.25 -5.06	58.07 -1.22 -4.02	78.50 -1.41 -1.59	82.57 -1.51 0.00
CARTHAGE___PAPER 23857	58.39 -0.50 -3.28	57.95 -0.61 -3.13	57.86 -0.55 -3.09	57.64 -0.61 -3.09	57.85 -0.61 -3.09	59.47 -0.51 -3.13	81.91 0.47 -4.15	84.68 1.11 -4.44	81.11 0.84 -4.41	74.67 1.11 -4.09	60.01 0.28 -4.18	59.40 0.11 -3.91	58.75 -0.06 -3.48	58.93 0.00 -3.61	56.66 0.06 -1.18	66.10 0.77 -1.73	68.96 0.93 -1.66	87.69 1.42 -2.84	85.10 1.46 -2.51	72.74 1.25 -2.05	63.04 0.95 -2.56	57.85 0.55 -2.03	79.59 0.47 -0.80	83.75 -0.33 0.00
CASSADAGA_WT_PWR 323784	52.90 -3.39 -0.68	51.54 -3.99 -0.10	51.50 -3.82 0.00	51.84 -3.31 0.00	53.99 -1.38 0.00	56.85 0.00 0.00	77.07 -0.23 0.00	76.05 -3.64 -0.56	73.05 -3.79 -0.97	67.36 -3.47 -1.35	56.65 -2.44 -3.54	54.73 -3.38 -2.74	53.56 -4.09 -2.33	53.50 -4.54 -2.72	54.24 -4.77 -3.58	64.56 -4.01 -4.95	63.11 -5.64 -2.39	79.68 -6.84 -3.08	76.90 -6.73 -2.50	65.52 -5.97 -2.05	56.95 -5.12 -2.53	52.12 -5.08 -1.93	71.27 -7.83 -0.79	79.80 -4.29 0.00
CE_DUNWOOD___DRP 24194	64.04 4.56 -3.87	60.49 4.49 -0.57	59.75 4.43 0.00	59.34 4.19 0.00	59.75 4.37 0.00	61.57 4.72 0.00	83.09 5.80 0.00	89.41 6.49 -3.79	89.05 6.52 -6.66	84.73 5.98 -9.28	84.59 4.72 -24.31	78.75 4.60 -18.78	75.92 4.59 -16.01	78.58 4.59 -18.66	84.59 4.60 -24.56	103.20 5.60 -33.99	122.74 5.97 -50.40	155.17 7.43 -64.31	139.90 7.06 -51.71	117.74 6.04 -42.26	117.52 5.24 -52.74	101.91 4.81 -41.84	101.15 6.27 -16.57	90.56 6.47 0.00
CE_MILLWOOD___DRP 24193	63.87 4.39 -3.86	60.32 4.32 -0.57	59.64 4.32 0.00	59.23 4.08 0.00	59.64 4.26 0.00	61.46 4.61 0.00	82.94 5.64 0.00	89.16 6.25 -3.78	88.80 6.30 -6.64	84.49 5.77 -9.25	84.34 4.56 -24.23	78.53 4.43 -18.72	75.71 4.43 -15.96	78.35 4.43 -18.61	84.34 4.43 -24.48	102.90 5.41 -33.89	122.29 5.71 -50.21	154.71 7.18 -64.10	139.58 6.90 -51.55	117.40 5.83 -42.13	117.18 5.06 -52.58	101.57 4.59 -41.71	100.94 6.11 -16.52	90.31 6.22 0.00
CE_NYC2_DRP 24202	64.67 5.17 -3.89	61.17 5.15 -0.58	60.42 5.09 -0.01	60.01 4.85 -0.01	60.42 5.04 -0.01	62.20 5.34 0.00	83.48 6.18 0.00	89.66 6.73 -3.80	89.44 6.90 -6.68	85.24 6.46 -9.30	84.98 5.06 -24.37	79.19 4.98 -18.83	76.35 4.98 -16.05	78.96 4.92 -18.71	85.04 4.99 -24.62	103.67 5.98 -34.08	123.17 6.24 -50.56	155.68 7.76 -64.49	140.29 7.30 -51.85	118.27 6.46 -42.37	118.02 5.60 -52.88	102.47 5.25 -41.95	101.90 6.97 -16.62	91.23 7.15 0.00
CE_NYC_DRP 24195	64.39 4.89 -3.88	60.83 4.82 -0.57	60.13 4.81 0.00	59.73 4.58 0.00	60.08 4.71 0.00	61.91 5.06 0.00	83.33 6.03 0.00	89.66 6.73 -3.80	89.37 6.83 -6.68	85.10 6.32 -9.30	84.87 4.94 -24.37	79.08 4.87 -18.83	76.24 4.87 -16.05	78.90 4.87 -18.71	84.93 4.88 -24.62	103.61 5.92 -34.08	123.16 6.24 -50.56	155.68 7.76 -64.49	140.36 7.38 -51.85	118.20 6.39 -42.37	117.89 5.48 -52.88	102.25 5.03 -41.94	101.51 6.58 -16.62	90.81 6.73 0.00
CHAFFEE___LFGE 323603	52.67 -3.61 -0.67	51.37 -4.16 -0.10	52.28 -3.04 0.00	52.45 -2.70 0.00	53.33 -2.05 0.00	55.60 -1.25 0.00	74.82 -2.48 0.00	73.42 -6.25 -0.54	70.52 -6.30 -0.95	64.89 -5.91 -1.32	54.56 -4.45 -3.46	53.40 -4.65 -2.67	52.79 -4.81 -2.28	53.22 -4.76 -2.65	54.10 -4.82 -3.49	63.23 -5.21 -4.83	62.41 -6.44 -2.48	78.60 -8.09 -3.26	75.84 -7.95 -2.66	64.67 -6.94 -2.18	56.27 -5.95 -2.69	51.58 -5.75 -2.06	71.55 -7.60 -0.84	78.62 -5.46 0.00
CHATEAUG_35_KV_LOAD 355732	-11.48 -2.56 64.53	-11.49 -2.22 64.70	-11.43 -2.16 64.59	-11.43 -1.99 64.59	-11.42 -2.33 64.47	-11.54 -3.01 65.38	-12.93 -3.63 86.59	-13.00 -3.24 88.89	-12.85 -3.26 85.45	-9.69 -3.06 76.11	-9.75 -2.39 62.91	-9.75 -2.22 62.91	-3.60 -2.21 56.71	-3.67 -2.21 56.78	52.99 -2.44 0.00	58.57 -2.99 2.05	63.71 -2.65 0.00	80.26 -3.17 0.00	78.29 -2.84 0.00	67.50 -1.94 0.00	58.52 -1.01 0.00	54.50 -0.77 0.00	76.20 -2.11 0.00	82.15 -1.93 0.00
CHATEAUG_WT_PWR 323614	-7.24 -2.95 59.90	-7.24 -2.60 60.07	-7.24 -2.60 59.96	-7.24 -2.43 59.96	-7.29 -2.82 59.85	-7.25 -3.41 60.69	-7.26 -4.18 80.38	-7.26 -3.88 82.52	-7.25 -3.79 79.32	-4.64 -3.47 70.65	-5.51 -2.67 58.40	-5.51 -2.49 58.40	0.30 -2.38 52.64	0.18 -2.43 52.71	52.88 -2.55 0.00	58.52 -3.18 1.91	63.45 -2.92 0.00	79.85 -3.59 0.00	77.88 -3.25 0.00	67.21 -2.22 0.00	58.35 -1.19 0.00	54.33 -0.94 0.00	75.88 -2.43 0.00	81.82 -2.27 0.00
CHAT_HIGH_FALL_HYD 323578	-11.48 -2.56 64.53	-11.49 -2.22 64.70	-11.43 -2.16 64.59	-11.43 -1.99 64.59	-11.42 -2.33 64.47	-11.54 -3.01 65.38	-12.93 -3.63 86.59	-13.00 -3.24 88.89	-12.85 -3.26 85.45	-9.69 -3.06 76.11	-9.75 -2.39 62.91	-9.75 -2.22 62.91	-3.60 -2.21 56.71	-3.67 -2.21 56.78	52.99 -2.44 0.00	58.57 -2.99 2.05	63.71 -2.65 0.00	80.26 -3.17 0.00	78.29 -2.84 0.00	67.50 -1.94 0.00	58.52 -1.01 0.00	54.50 -0.77 0.00	76.20 -2.11 0.00	82.15 -1.93 0.00
CHAUTAUQUA___LFGE 323629	53.05 -3.23 -0.67	51.70 -3.82 -0.10	51.94 -3.38 0.00	52.17 -2.98 0.00	53.49 -1.88 0.00	56.34 -0.51 0.00	76.06 -1.24 0.00	75.08 -4.59 -0.54	72.03 -4.78 -0.94	66.41 -4.37 -1.31	55.75 -3.22 -3.42	54.25 -3.77 -2.64	53.37 -4.21 -2.25	53.52 -4.43 -2.63	54.28 -4.60 -3.45	63.88 -4.51 -4.78	62.86 -5.91 -2.40	78.98 -7.59 -3.14	76.23 -7.46 -2.56	64.94 -6.60 -2.09	56.35 -5.77 -2.59	51.78 -5.47 -1.98	71.75 -7.36 -0.80	78.87 -5.21 0.00
CHERRYST_13_KV_LD 356241	64.50 5.00 -3.88	60.99 4.99 -0.57	60.24 4.92 0.00	59.84 4.69 0.00	60.25 4.87 0.00	62.03 5.17 0.00	83.56 6.26 0.00	89.90 6.96 -3.80	89.67 7.13 -6.68	85.38 6.60 -9.30	85.09 5.17 -24.37	79.30 5.09 -18.83	76.46 5.09 -16.05	79.07 5.03 -18.71	85.15 5.10 -24.62	103.86 6.17 -34.08	123.43 6.50 -50.56	156.01 8.09 -64.49	140.61 7.63 -51.85	118.34 6.53 -42.37	118.07 5.66 -52.88	102.41 5.20 -41.94	101.74 6.81 -16.62	91.06 6.98 0.00

CHESTROR_138KV_BK263 355645	62.83 3.61 -3.61	59.51 3.55 -0.53	58.86 3.54 0.00	58.46 3.31 0.00	58.86 3.49 0.00	60.66 3.81 0.00	82.09 4.79 0.00	87.88 5.22 -3.53	87.29 5.23 -6.20	82.84 4.72 -8.63	81.85 3.67 -22.62	76.40 3.54 -17.48	73.76 3.54 -14.90	76.23 3.54 -17.37	81.89 3.60 -22.85	99.70 4.45 -31.64	117.31 4.78 -46.16	149.04 6.01 -59.60	135.03 5.76 -48.14	113.64 4.86 -39.34	112.80 4.17 -49.10	98.03 3.81 -38.94	98.75 5.01 -15.43	89.21 5.13 0.00
CH_MIDHUDSON___DRP 24192	64.22 4.67 -3.94	60.61 4.60 -0.58	59.86 4.54 0.00	59.45 4.30 0.00	59.86 4.49 0.00	61.74 4.89 0.00	83.56 6.26 0.00	89.72 6.73 -3.86	89.39 6.75 -6.78	84.89 5.98 -9.44	84.91 4.61 -24.74	78.97 4.49 -19.11	76.15 4.54 -16.29	78.80 4.48 -19.00	85.02 4.60 -24.99	103.80 5.60 -34.59	123.16 6.04 -50.75	156.45 7.76 -65.26	141.23 7.46 -52.63	118.70 6.25 -43.01	118.57 5.36 -53.68	102.71 4.86 -42.58	101.68 6.50 -16.87	90.73 6.64 0.00
CH_MISC_IPPS 23765	64.38 4.89 -3.87	60.77 4.77 -0.57	60.08 4.76 0.00	59.62 4.47 0.00	60.08 4.70 0.00	61.97 5.12 0.00	83.95 6.65 0.00	90.05 7.12 -3.80	89.65 7.13 -6.66	85.01 6.26 -9.28	84.65 4.78 -24.32	78.75 4.59 -18.78	75.98 4.65 -16.01	78.64 4.65 -18.67	84.76 4.77 -24.56	103.46 5.85 -34.00	122.46 6.37 -49.72	155.63 8.18 -64.01	140.74 7.96 -51.65	118.25 6.60 -42.21	117.81 5.59 -52.68	102.17 5.08 -41.82	101.62 6.74 -16.57	90.98 6.90 0.00
CH_RES_BVR_FALLS 23983	54.11 -1.50 0.00	54.05 -1.38 0.00	53.99 -1.33 0.00	53.99 -1.16 0.00	54.05 -1.33 0.00	55.26 -1.59 0.00	75.44 -1.86 0.00	77.46 -1.67 0.00	74.35 -1.52 0.00	68.16 -1.32 0.00	54.50 -1.06 0.00	54.32 -1.05 0.00	54.16 -1.16 0.00	54.10 -1.22 0.00	54.16 -1.27 0.00	62.08 -1.53 0.00	64.97 -1.40 0.00	81.84 -1.59 0.00	79.75 -1.38 0.00	68.33 -1.11 0.00	58.70 -0.83 0.00	54.50 -0.77 0.00	76.91 -1.41 0.00	82.65 -1.43 0.00
CH_RES_NIAGARA 23895	51.87 -4.34 -0.60	50.75 -4.77 -0.09	50.07 -5.26 0.00	50.19 -4.96 0.00	50.95 -4.43 0.00	53.05 -3.81 0.00	70.96 -6.34 0.00	69.78 -9.81 -0.46	66.80 -9.86 -0.80	61.63 -8.96 -1.11	51.63 -6.83 -2.91	50.48 -7.14 -2.25	49.99 -7.25 -1.92	50.36 -7.19 -2.23	51.21 -7.15 -2.93	59.66 -8.01 -4.06	60.12 -8.69 -2.45	75.74 -11.01 -3.32	73.47 -10.38 -2.73	62.30 -9.37 -2.24	53.67 -8.63 -2.77	49.97 -7.52 -2.21	69.34 -9.87 -0.89	74.33 -9.75 0.00
CH_RES_SYRACUSE 23985	55.64 -0.39 -0.42	54.99 -0.50 -0.06	54.71 -0.61 0.00	54.16 -0.99 0.00	54.38 -1.00 0.00	56.23 -0.62 0.00	76.52 -0.77 0.00	78.66 -0.87 -0.40	75.51 -1.06 -0.70	69.55 -0.91 -0.98	57.40 -0.72 -2.57	56.53 -0.83 -1.99	56.13 -0.89 -1.69	56.41 -0.89 -1.97	57.20 -0.83 -2.60	66.45 -0.76 -3.60	69.61 -0.86 -4.11	88.79 -1.09 -6.44	85.55 -1.14 -5.55	72.94 -1.04 -4.54	64.18 -1.01 -5.66	58.77 -0.99 -4.49	78.92 -1.17 -1.78	82.74 -1.35 0.00
CLINTON_WT_PWR 323605	-7.24 -2.95 59.90	-7.24 -2.60 60.07	-7.24 -2.60 59.96	-7.24 -2.43 59.96	-7.29 -2.82 59.85	-7.25 -3.41 60.69	-7.26 -4.18 80.38	-7.26 -3.88 82.52	-7.25 -3.79 79.32	-4.64 -3.47 70.65	-5.51 -2.67 58.40	-5.51 -2.49 58.40	0.30 -2.38 52.64	0.18 -2.43 52.71	52.88 -2.55 0.00	58.52 -3.18 1.91	63.45 -2.92 0.00	79.85 -3.59 0.00	77.88 -3.25 0.00	67.21 -2.22 0.00	58.35 -1.19 0.00	54.33 -0.94 0.00	75.88 -2.43 0.00	81.82 -2.27 0.00
CLINTON___LFGE 323618	-7.67 -2.17 61.11	-7.57 -1.72 61.28	-7.57 -1.72 61.17	-7.62 -1.60 61.17	-7.62 -1.94 61.05	-7.56 -2.50 61.91	-7.48 -2.78 82.00	-7.42 -2.37 84.18	-7.56 -2.50 80.92	-4.96 -2.36 72.07	-5.80 -1.78 59.58	-5.81 -1.61 59.57	0.01 -1.61 53.70	0.00 -1.55 53.77	53.60 -1.83 0.00	59.31 -2.35 1.95	64.31 -2.06 0.00	81.10 -2.34 0.00	79.11 -2.03 0.00	68.19 -1.25 0.00	59.36 -0.18 0.00	55.16 -0.11 0.00	76.75 -1.57 0.00	82.82 -1.26 0.00
COBBLENY_34_KV_TB1 80064	52.61 -3.67 -0.67	51.37 -4.16 -0.10	52.33 -2.99 0.00	52.45 -2.70 0.00	53.33 -2.05 0.00	55.60 -1.25 0.00	74.82 -2.47 0.00	73.51 -6.17 -0.55	70.52 -6.30 -0.96	64.97 -5.84 -1.33	54.59 -4.44 -3.48	53.41 -4.65 -2.69	52.85 -4.76 -2.29	53.23 -4.76 -2.67	54.23 -4.71 -3.51	63.26 -5.22 -4.86	62.54 -6.24 -2.41	78.47 -8.09 -3.13	75.73 -7.95 -2.55	64.58 -6.94 -2.09	56.22 -5.89 -2.58	51.75 -5.58 -2.06	71.71 -7.44 -0.84	78.62 -5.47 0.00
COFFEEN___115KV_TB3 355620	58.78 0.39 -2.78	58.26 0.22 -2.61	58.17 0.28 -2.57	57.94 0.22 -2.57	58.22 0.28 -2.57	59.97 0.51 -2.60	82.83 2.09 -3.45	85.73 2.85 -3.75	81.99 2.35 -3.77	75.39 2.36 -3.55	60.69 1.28 -3.86	59.87 0.94 -3.55	59.19 0.72 -3.15	59.50 0.89 -3.30	57.79 1.00 -1.36	67.49 1.91 -1.97	70.37 2.12 -1.88	89.56 2.92 -3.21	86.96 3.00 -2.83	74.18 2.43 -2.31	64.38 1.96 -2.88	58.92 1.33 -2.32	80.88 1.64 -0.92	85.09 1.01 0.00
COLDSPRG_115KV_BK1 355956	53.09 -3.23 -0.71	51.65 -3.88 -0.10	53.44 -1.88 0.00	53.66 -1.49 0.00	55.10 -0.28 0.00	57.82 0.97 0.00	78.30 1.00 0.00	77.03 -2.69 -0.59	74.01 -2.88 -1.03	68.13 -2.78 -1.44	57.31 -2.00 -3.75	55.84 -2.44 -2.90	54.97 -2.82 -2.47	55.22 -2.99 -2.88	56.23 -2.99 -3.79	66.06 -2.80 -5.25	64.15 -4.51 -2.30	81.15 -5.17 -2.89	78.10 -5.35 -2.33	66.83 -4.51 -1.91	58.31 -3.57 -2.35	53.37 -3.76 -1.86	72.96 -6.11 -0.76	81.98 -2.10 0.00
COLONIE_LFGE___ 323577	63.81 3.06 -5.15	59.24 3.05 -0.76	58.31 2.99 0.00	58.02 2.87 0.00	58.36 2.99 0.00	60.15 3.30 0.00	81.62 4.33 0.00	88.60 4.43 -5.05	89.04 4.32 -8.85	85.77 3.96 -12.33	90.87 3.00 -32.32	83.33 2.99 -24.97	79.59 2.99 -21.29	83.07 2.93 -24.82	91.07 2.99 -32.65	112.24 3.43 -45.20	115.18 3.65 -45.16	165.67 4.59 -77.66	154.28 4.54 -68.61	129.39 3.89 -56.06	132.78 3.27 -69.97	113.75 2.93 -55.55	104.55 4.23 -22.01	88.62 4.54 0.00
COOPERNY_115KV_TB1 80082	61.24 2.67 -2.96	58.47 2.61 -0.44	57.92 2.60 0.00	57.58 2.43 0.00	57.92 2.55 0.00	59.70 2.84 0.00	80.85 3.56 0.00	85.91 3.88 -2.90	84.82 3.87 -5.09	80.11 3.54 -7.09	76.85 2.72 -18.57	72.33 2.60 -14.35	70.15 2.60 -12.23	72.18 2.60 -14.26	76.85 2.66 -18.76	92.89 3.31 -25.97	105.86 3.45 -36.04	136.15 4.42 -48.30	124.90 4.22 -39.55	105.30 3.54 -32.32	102.91 3.04 -40.33	90.01 2.76 -31.98	94.66 3.68 -12.67	87.87 3.78 0.00
COPENHAGEN_WT_PWR 323753	58.15 -0.11 -2.65	57.68 -0.22 -2.47	57.53 -0.22 -2.43	57.31 -0.27 -2.43	57.58 -0.22 -2.43	59.26 -0.06 -2.46	81.64 1.08 -3.26	84.43 1.74 -3.56	80.83 1.37 -3.60	74.33 1.46 -3.39	59.97 0.67 -3.75	59.20 0.39 -3.44	58.59 0.22 -3.04	58.85 0.33 -3.20	57.26 0.44 -1.39	66.76 1.15 -2.01	69.60 1.26 -1.97	88.63 1.83 -3.36	85.97 1.87 -2.97	73.32 1.46 -2.42	63.69 1.13 -3.03	58.34 0.67 -2.40	80.05 0.78 -0.95	84.25 0.17 0.00
CORNELL_____ 23752	57.58 1.06 -0.91	56.45 0.89 -0.13	56.32 1.00 0.00	56.03 0.88 0.00	56.43 1.05 0.00	58.45 1.59 0.00	79.85 2.55 0.00	82.15 2.14 -0.88	79.07 1.67 -1.54	73.08 1.46 -2.15	62.23 1.06 -5.62	60.61 0.89 -4.34	59.85 0.83 -3.70	60.47 0.83 -4.32	62.11 1.00 -5.68	72.88 1.40 -7.87	93.60 1.73 -25.51	128.18 2.34 -42.41	120.49 2.27 -37.08	101.53 1.81 -30.28	98.92 1.43 -37.96	87.46 1.05 -31.14	92.13 1.57 -12.25	85.93 1.85 0.00

CORONA V_69_KV_TB1 355595	90.16 5.56 -28.99	74.59 5.49 -13.67	71.07 5.48 -10.27	69.67 5.24 -9.28	74.26 5.43 -13.45	73.86 5.80 -11.21	105.58 7.19 -21.10	126.34 7.68 -39.54	108.47 7.74 -24.87	86.64 7.16 -10.00	85.32 5.39 -24.38	79.36 5.15 -18.83	76.46 5.09 -16.05	79.24 5.20 -18.72	85.38 5.32 -24.63	107.15 6.62 -36.93	131.88 6.97 -58.54	156.44 8.51 -64.50	141.11 8.11 -51.86	131.20 7.15 -54.61	125.65 6.19 -59.92	118.30 5.69 -57.34	109.63 7.67 -23.64	102.59 8.16 -10.35
CORTLAND_115KV_TB3 80093	56.96 0.61 -0.74	55.98 0.44 -0.11	55.87 0.55 0.00	55.59 0.44 0.00	55.98 0.61 0.00	57.88 1.02 0.00	79.00 1.70 0.00	81.35 1.50 -0.72	78.26 1.14 -1.26	72.27 1.04 -1.75	60.86 0.72 -4.58	59.47 0.55 -3.54	58.84 0.50 -3.02	59.34 0.50 -3.52	60.73 0.67 -4.63	71.04 1.02 -6.41	79.07 1.00 -11.71	103.76 1.33 -18.99	98.85 1.22 -16.50	83.89 0.97 -13.48	77.12 0.71 -16.87	69.49 0.50 -13.72	84.51 0.78 -5.41	85.09 1.01 0.00
COXSACKIE__GT 23611	64.28 3.89 -4.78	59.96 3.82 -0.71	59.64 4.32 0.00	59.12 3.97 0.00	59.58 4.21 0.00	61.68 4.83 0.00	84.10 6.80 0.00	90.00 6.18 -4.69	89.86 5.76 -8.23	85.18 4.24 -11.47	88.49 2.89 -30.05	81.30 2.71 -23.21	77.76 2.66 -19.79	81.16 2.76 -23.07	88.88 3.10 -30.35	109.51 3.88 -42.02	116.75 5.77 -44.61	163.14 6.59 -73.12	151.48 6.57 -63.78	126.56 5.00 -52.12	128.75 4.17 -65.05	110.56 3.65 -51.64	104.02 5.25 -20.46	90.47 6.39 0.00
CPV_VALLEY__CC1 323721	62.09 3.11 -3.37	58.97 3.05 -0.50	58.36 3.04 0.00	57.96 2.81 0.00	58.36 2.99 0.00	60.09 3.24 0.00	81.31 4.02 0.00	86.86 4.43 -3.30	86.14 4.47 -5.80	81.65 4.10 -8.08	79.89 3.16 -21.17	74.77 3.04 -16.35	72.36 3.10 -13.94	74.67 3.10 -16.25	79.91 3.10 -21.38	97.02 3.82 -29.60	112.93 4.05 -42.51	144.06 5.17 -55.45	131.04 4.95 -44.96	110.35 4.17 -36.74	108.96 3.57 -45.86	94.88 3.20 -36.41	96.96 4.23 -14.42	88.45 4.37 0.00
CPV_VALLEY__CC2 323722	62.09 3.11 -3.37	58.97 3.05 -0.50	58.36 3.04 0.00	57.96 2.81 0.00	58.36 2.99 0.00	60.09 3.24 0.00	81.31 4.02 0.00	86.86 4.43 -3.30	86.14 4.47 -5.80	81.65 4.10 -8.08	79.89 3.16 -21.17	74.77 3.04 -16.35	72.36 3.10 -13.94	74.67 3.10 -16.25	79.91 3.10 -21.38	97.02 3.82 -29.60	112.93 4.05 -42.51	144.06 5.17 -55.45	131.04 4.95 -44.96	110.35 4.17 -36.74	108.96 3.57 -45.86	94.88 3.20 -36.41	96.96 4.23 -14.42	88.45 4.37 0.00
CRESCENT__HYD 24018	63.81 3.06 -5.15	59.24 3.05 -0.76	58.31 2.99 0.00	58.02 2.87 0.00	58.36 2.99 0.00	60.15 3.30 0.00	81.62 4.33 0.00	88.60 4.43 -5.05	89.04 4.32 -8.85	85.77 3.96 -12.33	90.87 3.00 -32.32	83.33 2.99 -24.97	79.59 2.99 -21.29	83.07 2.93 -24.82	91.07 2.99 -32.65	112.24 3.43 -45.20	115.18 3.65 -45.16	165.67 4.59 -77.66	154.28 4.54 -68.61	129.39 3.89 -56.06	132.78 3.27 -69.97	113.75 2.93 -55.55	104.55 4.23 -22.01	88.62 4.54 0.00
CRICKET__VALLEY_CC1 323756	63.84 4.12 -4.12	60.08 4.04 -0.61	59.41 4.09 0.00	59.01 3.86 0.00	59.42 4.04 0.00	61.17 4.32 0.00	82.71 5.41 0.00	89.02 5.86 -4.04	88.79 5.84 -7.09	84.70 5.35 -9.87	85.59 4.17 -25.87	79.46 4.10 -19.98	76.45 4.09 -17.04	79.28 4.09 -19.86	85.61 4.04 -26.13	104.68 4.90 -36.17	124.36 5.18 -52.81	158.01 6.51 -68.07	142.32 6.25 -54.94	119.68 5.35 -44.90	120.22 4.65 -56.04	103.96 4.20 -44.49	101.58 5.64 -17.63	89.88 5.80 0.00
CRICKET__VALLEY_CC2 323757	63.84 4.12 -4.12	60.08 4.04 -0.61	59.41 4.09 0.00	59.01 3.86 0.00	59.42 4.04 0.00	61.17 4.32 0.00	82.71 5.41 0.00	89.02 5.86 -4.04	88.79 5.84 -7.09	84.70 5.35 -9.87	85.59 4.17 -25.87	79.46 4.10 -19.98	76.45 4.09 -17.04	79.28 4.09 -19.86	85.61 4.04 -26.13	104.68 4.90 -36.17	124.36 5.18 -52.81	158.01 6.51 -68.07	142.32 6.25 -54.94	119.68 5.35 -44.90	120.22 4.65 -56.04	103.96 4.20 -44.49	101.58 5.64 -17.63	89.88 5.80 0.00
CRICKET__VALLEY_CC3 323758	63.84 4.12 -4.12	60.08 4.04 -0.61	59.41 4.09 0.00	59.01 3.86 0.00	59.42 4.04 0.00	61.17 4.32 0.00	82.71 5.41 0.00	89.02 5.86 -4.04	88.79 5.84 -7.09	84.70 5.35 -9.87	85.59 4.17 -25.87	79.46 4.10 -19.98	76.45 4.09 -17.04	79.28 4.09 -19.86	85.61 4.04 -26.13	104.68 4.90 -36.17	124.36 5.18 -52.81	158.01 6.51 -68.07	142.32 6.25 -54.94	119.68 5.35 -44.90	120.22 4.65 -56.04	103.96 4.20 -44.49	101.58 5.64 -17.63	89.88 5.80 0.00
CRUCIBLE_METL_DRP 24180	55.64 -0.39 -0.42	54.99 -0.50 -0.06	54.71 -0.61 0.00	54.16 -0.99 0.00	54.38 -1.00 0.00	56.23 -0.63 0.00	76.52 -0.77 0.00	78.67 -0.87 -0.41	75.52 -1.06 -0.72	69.57 -0.90 -1.00	57.45 -0.72 -2.61	56.56 -0.83 -2.02	56.16 -0.89 -1.72	56.44 -0.89 -2.01	57.29 -0.78 -2.64	66.50 -0.76 -3.65	69.54 -0.86 -4.04	88.67 -1.08 -6.33	85.45 -1.14 -5.45	72.85 -1.04 -4.45	64.08 -1.01 -5.56	58.72 -1.05 -4.49	78.84 -1.25 -1.78	82.74 -1.35 0.00
DAHOWA__HYDRO 323763	64.28 3.45 -5.22	59.64 3.44 -0.77	58.53 3.21 0.00	58.24 3.09 0.00	58.59 3.21 0.00	60.44 3.58 0.00	82.32 5.02 0.00	89.39 5.14 -5.12	89.85 5.01 -8.98	86.37 4.38 -12.51	91.56 3.22 -32.78	83.85 3.15 -25.32	80.01 3.10 -21.59	83.64 3.15 -25.17	91.76 3.21 -33.11	113.40 3.95 -45.84	116.13 4.25 -45.51	167.68 5.59 -78.66	156.31 5.59 -69.58	130.95 4.65 -56.86	134.50 3.99 -70.97	115.15 3.54 -56.34	105.65 5.02 -22.32	89.30 5.22 0.00
DANC__LFGE 323619	57.04 -0.50 -1.93	56.53 -0.61 -1.71	56.33 -0.66 -1.67	56.05 -0.77 -1.67	56.38 -0.66 -1.67	58.09 -0.46 -1.69	79.62 0.08 -2.24	82.16 0.48 -2.55	78.75 0.23 -2.66	72.42 0.35 -2.59	58.75 -0.06 -3.26	58.04 -0.22 -2.89	57.48 -0.38 -2.54	57.76 -0.28 -2.72	56.85 -0.22 -1.64	66.13 0.19 -2.33	68.96 0.27 -2.32	87.73 0.34 -3.97	85.04 0.41 -3.50	72.51 0.21 -2.86	63.22 0.12 -3.57	57.99 -0.11 -2.83	79.28 -0.16 -1.12	83.41 -0.68 0.00
DANSKAMMER__1 23586	64.38 4.89 -3.87	60.77 4.77 -0.57	60.08 4.76 0.00	59.62 4.47 0.00	60.08 4.70 0.00	61.97 5.12 0.00	83.95 6.65 0.00	90.05 7.12 -3.80	89.65 7.13 -6.66	85.01 6.26 -9.28	84.65 4.78 -24.32	78.75 4.59 -18.78	75.98 4.65 -16.01	78.64 4.65 -18.67	84.76 4.77 -24.56	103.46 5.85 -34.00	122.46 6.37 -49.72	155.63 8.18 -64.01	140.74 7.96 -51.65	118.25 6.60 -42.21	117.81 5.59 -52.68	102.17 5.08 -41.82	101.62 6.74 -16.57	90.98 6.90 0.00
DANSKAMMER__2 23589	64.38 4.89 -3.87	60.77 4.77 -0.57	60.08 4.76 0.00	59.62 4.47 0.00	60.08 4.70 0.00	61.97 5.12 0.00	83.95 6.65 0.00	90.05 7.12 -3.80	89.65 7.13 -6.66	85.01 6.26 -9.28	84.65 4.78 -24.32	78.75 4.59 -18.78	75.98 4.65 -16.01	78.64 4.65 -18.67	84.76 4.77 -24.56	103.46 5.85 -34.00	122.46 6.37 -49.72	155.63 8.18 -64.01	140.74 7.96 -51.65	118.25 6.60 -42.21	117.81 5.59 -52.68	102.17 5.08 -41.82	101.62 6.74 -16.57	90.98 6.90 0.00
DANSKAMMER__3 23590	64.38 4.89 -3.87	60.77 4.77 -0.57	60.08 4.76 0.00	59.62 4.47 0.00	60.08 4.70 0.00	61.97 5.12 0.00	83.95 6.65 0.00	90.05 7.12 -3.80	89.65 7.13 -6.66	85.01 6.26 -9.28	84.65 4.78 -24.32	78.75 4.59 -18.78	75.98 4.65 -16.01	78.64 4.65 -18.67	84.76 4.77 -24.56	103.46 5.85 -34.00	122.46 6.37 -49.72	155.63 8.18 -64.01	140.74 7.96 -51.65	118.25 6.60 -42.21	117.81 5.59 -52.68	102.17 5.08 -41.82	101.62 6.74 -16.57	90.98 6.90 0.00

DANSKAMMER___4 23591	64.38 4.89 -3.87	60.77 4.77 -0.57	60.08 4.76 0.00	59.62 4.47 0.00	60.08 4.70 0.00	61.97 5.12 0.00	83.95 6.65 0.00	90.05 7.12 -3.80	89.65 7.13 -6.66	85.01 6.26 -9.28	84.65 4.78 -24.32	78.75 4.59 -18.78	75.98 4.65 -16.01	78.64 4.65 -18.67	84.76 4.77 -24.56	103.46 5.85 -34.00	122.46 6.37 -49.72	155.63 8.18 -64.01	140.74 7.96 -51.65	118.25 6.60 -42.21	117.81 5.59 -52.68	102.17 5.08 -41.82	101.62 6.74 -16.57	90.98 6.90 0.00
DANSKAMMER___DIESEL 23592	64.38 4.89 -3.87	60.77 4.77 -0.57	60.08 4.76 0.00	59.62 4.47 0.00	60.03 4.65 0.00	61.97 5.12 0.00	83.94 6.65 0.00	90.04 7.12 -3.79	89.65 7.13 -6.66	85.00 6.25 -9.27	84.58 4.72 -24.30	78.74 4.60 -18.77	75.97 4.65 -16.00	78.57 4.59 -18.66	84.74 4.77 -24.55	103.44 5.85 -33.98	122.49 6.37 -49.75	155.67 8.18 -64.07	140.78 7.95 -51.69	118.28 6.60 -42.24	117.86 5.60 -52.72	102.18 5.08 -41.82	101.62 6.73 -16.57	90.98 6.89 0.00
DARBY___SOLAR 323810	64.10 3.28 -5.21	59.47 3.27 -0.77	58.42 3.10 0.00	58.07 2.92 0.00	58.47 3.10 0.00	60.32 3.47 0.00	82.01 4.72 0.00	89.06 4.83 -5.11	89.53 4.71 -8.96	86.13 4.17 -12.48	91.38 3.11 -32.71	83.69 3.04 -25.27	79.85 2.99 -21.54	83.48 3.04 -25.12	91.58 3.10 -33.05	113.11 3.75 -45.75	115.88 4.05 -45.47	167.21 5.26 -78.52	155.77 5.20 -69.44	130.56 4.38 -56.75	134.11 3.75 -70.83	114.81 3.32 -56.23	105.37 4.78 -22.28	89.04 4.96 0.00
DASHVILLE___HYD 23610	64.68 5.06 -4.01	60.96 4.93 -0.59	60.52 5.20 0.00	60.00 4.85 0.00	60.47 5.09 0.00	62.48 5.63 0.00	84.72 7.42 0.00	90.73 7.68 -3.93	90.42 7.66 -6.89	85.54 6.46 -9.60	85.50 4.78 -25.17	79.42 4.60 -19.44	76.54 4.65 -16.58	79.24 4.59 -19.33	85.68 4.82 -25.43	104.91 6.11 -35.20	121.13 7.50 -47.26	157.29 9.01 -64.85	143.44 8.76 -53.54	120.28 7.08 -43.75	120.22 6.07 -54.61	104.01 5.42 -43.32	102.60 7.13 -17.16	91.57 7.48 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	93.95 9.34 -29.00	78.31 9.20 -13.67	74.89 9.29 -10.27	73.48 9.04 -9.28	78.14 9.30 -13.46	77.73 9.67 -11.21	110.99 12.60 -21.10	131.97 13.29 -39.54	113.56 12.82 -24.88	90.87 11.39 -10.00	87.82 7.89 -24.38	81.46 7.25 -18.83	78.51 7.14 -16.05	81.40 7.36 -18.72	86.98 6.93 -24.63	109.76 9.22 -36.93	134.86 9.96 -58.54	160.20 12.26 -64.50	144.67 11.68 -51.86	134.46 10.42 -54.61	128.44 8.99 -59.92	120.90 8.29 -57.34	113.78 11.83 -23.64	106.71 12.28 -10.35
DELAWARE___LFGE 323621	59.59 2.22 -1.76	57.80 2.11 -0.26	57.53 2.21 0.00	57.25 2.10 0.00	57.65 2.27 0.00	59.47 2.62 0.00	81.01 3.71 0.00	84.56 3.72 -1.71	82.36 3.49 -3.01	76.80 3.13 -4.19	68.93 2.39 -10.99	66.08 2.22 -8.49	64.66 2.10 -7.24	65.91 2.16 -8.44	68.80 2.27 -11.10	81.90 2.93 -15.36	87.81 2.92 -18.52	116.25 3.75 -29.07	109.83 3.65 -25.04	93.03 3.12 -20.46	87.70 2.62 -25.55	77.50 2.38 -19.85	89.46 3.29 -7.86	87.62 3.53 0.00
DERFIELD_115KV_TB7 355931	56.11 0.50 0.00	55.87 0.44 0.00	55.76 0.44 0.00	55.54 0.39 0.00	55.82 0.44 0.00	57.42 0.57 0.00	78.07 0.77 0.00	79.92 0.79 0.00	76.62 0.76 0.00	70.17 0.69 0.00	56.11 0.56 0.00	55.87 0.50 0.00	55.82 0.50 0.00	55.82 0.50 0.00	55.93 0.50 0.00	64.25 0.64 0.00	67.03 0.66 0.00	84.27 0.83 0.00	81.94 0.81 0.00	70.13 0.69 0.00	60.07 0.54 0.00	55.77 0.50 0.00	79.10 0.78 0.00	84.84 0.76 0.00
DOGLEVILLE___HYD 23807	57.00 1.39 0.00	56.82 1.39 0.00	56.70 1.38 0.00	56.47 1.32 0.00	56.87 1.50 0.00	58.56 1.70 0.00	79.77 2.47 0.00	81.59 2.46 0.00	78.36 2.50 0.00	71.91 2.43 0.00	57.39 1.83 0.00	57.15 1.77 0.00	56.87 1.55 0.00	56.81 1.49 0.00	56.93 1.50 0.00	65.52 1.91 0.00	68.43 2.06 0.00	86.27 2.84 0.00	84.14 3.00 0.00	72.08 2.64 0.00	61.74 2.20 0.00	57.37 2.10 0.00	81.29 2.98 0.00	87.45 3.37 0.00
DUNKIRK___115KV_TB_200 55889	53.05 -3.23 -0.66	51.76 -3.77 -0.10	52.00 -3.32 0.00	52.23 -2.92 0.00	53.49 -1.88 0.00	56.29 -0.57 0.00	75.98 -1.31 0.00	75.00 -4.67 -0.54	71.95 -4.86 -0.94	66.27 -4.52 -1.31	55.70 -3.28 -3.43	54.15 -3.88 -2.65	53.38 -4.20 -2.26	53.58 -4.37 -2.63	54.46 -4.43 -3.46	63.89 -4.52 -4.79	62.90 -5.84 -2.37	78.92 -7.59 -3.08	76.26 -7.38 -2.51	64.90 -6.60 -2.06	56.30 -5.77 -2.54	51.84 -5.42 -1.98	71.91 -7.20 -0.80	78.79 -5.30 0.00
DUNKIRK___1 23563	53.05 -3.23 -0.66	51.76 -3.77 -0.10	52.00 -3.32 0.00	52.23 -2.92 0.00	53.49 -1.88 0.00	56.29 -0.57 0.00	75.98 -1.31 0.00	75.00 -4.67 -0.54	71.95 -4.86 -0.94	66.27 -4.52 -1.31	55.70 -3.28 -3.43	54.15 -3.88 -2.65	53.38 -4.20 -2.26	53.58 -4.37 -2.63	54.46 -4.43 -3.46	63.89 -4.52 -4.79	62.90 -5.84 -2.37	78.92 -7.59 -3.08	76.26 -7.38 -2.51	64.90 -6.60 -2.06	56.30 -5.77 -2.54	51.84 -5.42 -1.98	71.91 -7.20 -0.80	78.79 -5.30 0.00
DUNKIRK___2 23564	53.05 -3.23 -0.66	51.76 -3.77 -0.10	52.00 -3.32 0.00	52.23 -2.92 0.00	53.49 -1.88 0.00	56.29 -0.57 0.00	75.98 -1.31 0.00	75.00 -4.67 -0.54	71.95 -4.86 -0.94	66.27 -4.52 -1.31	55.70 -3.28 -3.43	54.15 -3.88 -2.65	53.38 -4.20 -2.26	53.58 -4.37 -2.63	54.46 -4.43 -3.46	63.89 -4.52 -4.79	62.90 -5.84 -2.37	78.92 -7.59 -3.08	76.26 -7.38 -2.51	64.90 -6.60 -2.06	56.30 -5.77 -2.54	51.84 -5.42 -1.98	71.91 -7.20 -0.80	78.79 -5.30 0.00
DUNKIRK___3 23565	52.87 -3.39 -0.66	51.59 -3.94 -0.10	52.00 -3.32 0.00	52.23 -2.92 0.00	53.33 -2.05 0.00	55.72 -1.14 0.00	75.06 -2.24 0.00	73.96 -5.70 -0.52	70.93 -5.84 -0.91	65.33 -5.42 -1.27	54.82 -4.06 -3.32	53.51 -4.43 -2.56	52.81 -4.70 -2.19	53.11 -4.76 -2.55	54.07 -4.71 -3.35	63.23 -5.03 -4.64	62.65 -6.04 -2.32	78.61 -7.84 -3.02	75.96 -7.63 -2.45	64.64 -6.81 -2.01	56.13 -5.89 -2.49	51.74 -5.53 -2.00	71.84 -7.28 -0.81	78.62 -5.47 0.00
DUNKIRK___4 23566	52.87 -3.39 -0.66	51.59 -3.94 -0.10	52.00 -3.32 0.00	52.23 -2.92 0.00	53.33 -2.05 0.00	55.72 -1.14 0.00	75.06 -2.24 0.00	73.96 -5.70 -0.52	70.93 -5.84 -0.91	65.33 -5.42 -1.27	54.82 -4.06 -3.32	53.51 -4.43 -2.56	52.81 -4.70 -2.19	53.11 -4.76 -2.55	54.07 -4.71 -3.35	63.23 -5.03 -4.64	62.65 -6.04 -2.32	78.61 -7.84 -3.02	75.96 -7.63 -2.45	64.64 -6.81 -2.01	56.13 -5.89 -2.49	51.74 -5.53 -2.00	71.84 -7.28 -0.81	78.62 -5.47 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	64.17 4.67 -3.88	60.60 4.60 -0.57	59.91 4.59 0.00	59.51 4.36 0.00	59.92 4.54 0.00	61.69 4.83 0.00	83.25 5.95 0.00	89.58 6.65 -3.80	89.22 6.68 -6.68	84.96 6.18 -9.30	84.76 4.83 -24.37	78.91 4.71 -18.83	76.13 4.76 -16.05	78.74 4.70 -18.71	84.82 4.77 -24.62	103.42 5.72 -34.08	123.03 6.11 -50.56	155.60 7.68 -64.49	140.28 7.30 -51.85	118.06 6.25 -42.37	117.77 5.36 -52.88	102.14 4.92 -41.95	101.43 6.50 -16.62	90.73 6.64 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	63.64 4.28 -3.75	60.20 4.21 -0.55	59.47 4.15 0.00	59.07 3.92 0.00	59.47 4.10 0.00	61.35 4.49 0.00	83.09 5.80 0.00	89.06 6.25 -3.67	88.61 6.30 -6.45	84.02 5.56 -8.98	83.32 4.22 -23.54	77.66 4.10 -18.19	74.92 4.09 -15.50	77.49 4.09 -18.07	83.42 4.21 -23.78	101.74 5.22 -32.92	119.89 5.64 -47.88	152.65 7.26 -61.96	138.20 6.98 -50.09	116.20 5.83 -40.93	115.62 5.00 -51.08	100.27 4.48 -40.52	100.32 5.95 -16.05	90.14 6.05 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	64.79 5.28 -3.89	61.28 5.27 -0.58	60.58 5.26 -0.01	60.23 5.07 -0.01	60.59 5.21 -0.01	62.48 5.63 0.00	83.56 6.26 0.00	89.74 6.81 -3.80	89.37 6.83 -6.68	85.24 6.46 -9.30	84.87 4.94 -24.37	79.08 4.87 -18.83	76.24 4.87 -16.05	78.85 4.81 -18.71	84.93 4.88 -24.62	103.48 5.79 -34.08	122.90 5.97 -50.56	155.43 7.51 -64.49	140.04 7.06 -51.85	118.34 6.53 -42.37	118.13 5.72 -52.88	102.69 5.47 -41.95	102.29 7.36 -16.62	91.65 7.57 0.00
E179THST_13_KV_LOAD 356214	65.01 5.51 -3.89	61.50 5.49 -0.58	60.81 5.48 -0.01	60.40 5.24 -0.01	60.81 5.43 -0.01	62.71 5.86 0.00	83.94 6.65 0.00	90.06 7.12 -3.80	89.75 7.21 -6.68	85.59 6.81 -9.30	85.10 5.17 -24.37	79.35 5.15 -18.83	76.52 5.14 -16.05	79.12 5.09 -18.71	85.21 5.15 -24.62	103.80 6.11 -34.08	123.30 6.37 -50.56	155.85 7.93 -64.49	140.45 7.46 -51.85	118.69 6.87 -42.37	118.43 6.01 -52.88	102.97 5.75 -41.95	102.68 7.75 -16.62	92.07 7.99 0.00
EAST HAMPTON___GT 23717	94.56 9.95 -29.00	78.92 9.81 -13.67	75.55 9.95 -10.27	74.14 9.71 -9.28	78.80 9.96 -13.46	78.47 10.41 -11.21	112.39 14.00 -21.10	133.16 14.48 -39.55	114.78 14.03 -24.88	91.92 12.43 -10.01	89.17 9.22 -24.39	82.63 8.41 -18.84	79.90 8.52 -16.07	82.90 8.85 -18.73	88.11 8.03 -24.64	110.80 10.24 -36.95	135.96 11.08 -58.51	162.07 14.18 -64.45	146.82 13.87 -51.81	135.67 11.66 -54.57	129.41 10.00 -59.87	121.67 9.06 -57.34	114.80 12.84 -23.64	107.88 13.45 -10.35
EAST RIVER___6 23660	64.22 4.72 -3.88	60.66 4.66 -0.57	60.02 4.70 0.00	59.62 4.47 0.00	59.97 4.59 0.00	61.75 4.89 0.00	83.17 5.87 0.00	89.50 6.56 -3.81	89.29 6.75 -6.68	85.04 6.26 -9.31	84.95 5.00 -24.39	79.03 4.82 -18.84	76.25 4.87 -16.06	78.92 4.87 -18.73	84.95 4.88 -24.64	103.63 5.92 -34.10	123.00 6.10 -50.53	155.38 7.51 -64.44	140.15 7.22 -51.80	117.95 6.18 -42.33	117.67 5.30 -52.83	102.13 4.92 -41.94	101.35 6.42 -16.62	90.65 6.56 0.00
EAST RIVER___7 23524	64.22 4.72 -3.88	60.66 4.66 -0.57	60.02 4.70 0.00	59.62 4.47 0.00	59.97 4.59 0.00	61.75 4.89 0.00	83.17 5.87 0.00	89.50 6.56 -3.81	89.29 6.75 -6.68	85.04 6.26 -9.31	84.95 5.00 -24.39	79.03 4.82 -18.84	76.25 4.87 -16.06	78.92 4.87 -18.73	84.95 4.88 -24.64	103.63 5.92 -34.10	123.00 6.10 -50.53	155.38 7.51 -64.44	140.15 7.22 -51.80	117.95 6.18 -42.33	117.67 5.30 -52.83	102.13 4.92 -41.94	101.35 6.42 -16.62	90.65 6.56 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	64.04 4.56 -3.87	60.49 4.49 -0.57	59.75 4.43 0.00	59.34 4.19 0.00	59.75 4.37 0.00	61.57 4.72 0.00	83.09 5.80 0.00	89.41 6.49 -3.79	89.05 6.52 -6.66	84.73 5.98 -9.28	84.59 4.72 -24.31	78.75 4.60 -18.78	75.92 4.59 -16.01	78.58 4.59 -18.66	84.59 4.60 -24.56	103.20 5.60 -33.99	122.74 5.97 -50.40	155.17 7.43 -64.31	139.90 7.06 -51.71	117.74 6.04 -42.26	117.52 5.24 -52.74	101.91 4.81 -41.84	101.15 6.27 -16.57	90.56 6.47 0.00
EAST_HAMPTON___DIESEL 23722	94.56 9.95 -29.00	78.97 9.87 -13.67	75.55 9.95 -10.27	74.14 9.71 -9.28	78.80 9.96 -13.46	78.53 10.46 -11.21	112.39 14.00 -21.10	133.16 14.48 -39.55	114.85 14.11 -24.88	91.92 12.43 -10.01	89.17 9.22 -24.39	82.63 8.41 -18.84	79.90 8.52 -16.07	82.90 8.85 -18.73	88.11 8.03 -24.64	110.86 10.30 -36.95	136.03 11.15 -58.51	162.07 14.18 -64.45	146.91 13.96 -51.81	135.75 11.74 -54.57	129.41 10.00 -59.87	121.67 9.06 -57.34	114.80 12.84 -23.64	107.88 13.45 -10.35
EAST_POINT___SOLAR 323840	65.59 4.28 -5.70	60.48 4.21 -0.84	59.41 4.09 0.00	59.12 3.97 0.00	59.58 4.21 0.00	61.68 4.83 0.00	84.49 7.19 0.00	91.92 7.20 -5.59	91.97 6.29 -9.81	87.73 4.58 -13.67	94.32 2.94 -35.82	84.93 1.88 -27.67	80.68 1.77 -23.59	85.26 2.43 -27.50	93.94 2.33 -36.19	117.90 4.20 -50.09	121.53 5.37 -49.79	176.91 7.51 -85.96	164.87 7.71 -76.03	138.09 6.53 -62.13	142.55 5.47 -77.54	121.75 4.92 -61.56	109.44 6.74 -24.39	90.72 6.64 0.00
EAST_PULASKI___ESR 323781	54.97 -0.95 -0.30	54.42 -1.05 -0.04	54.16 -1.16 0.00	53.89 -1.27 0.00	54.21 -1.17 0.00	56.00 -0.85 0.00	76.37 -0.92 0.00	78.63 -0.79 -0.29	75.39 -0.99 -0.51	69.43 -0.76 -0.71	56.65 -0.78 -1.87	55.93 -0.89 -1.45	55.61 -0.94 -1.23	55.82 -0.94 -1.44	56.43 -0.89 -1.89	65.47 -0.76 -2.62	68.25 -0.79 -2.67	87.00 -1.00 -4.57	84.19 -0.97 -4.03	71.76 -0.97 -3.29	62.75 -0.89 -4.11	57.59 -0.94 -3.26	78.43 -1.17 -1.29	82.65 -1.43 0.00
EAST_RIVER___1 323558	64.39 4.89 -3.88	60.82 4.82 -0.57	60.19 4.87 0.00	59.78 4.63 0.00	60.14 4.76 0.00	61.91 5.06 0.00	83.33 6.03 0.00	89.66 6.72 -3.81	89.37 6.83 -6.68	85.11 6.32 -9.31	84.95 5.00 -24.39	79.09 4.87 -18.84	76.30 4.92 -16.06	78.97 4.92 -18.73	84.95 4.88 -24.64	103.69 5.98 -34.10	123.13 6.24 -50.53	155.71 7.84 -64.44	140.39 7.46 -51.80	118.15 6.38 -42.33	117.84 5.47 -52.83	102.24 5.03 -41.94	101.51 6.58 -16.62	90.81 6.73 0.00
EAST_RIVER___2 323559	64.22 4.72 -3.88	60.66 4.66 -0.57	60.02 4.70 0.00	59.62 4.47 0.00	59.97 4.59 0.00	61.75 4.89 0.00	83.17 5.87 0.00	89.50 6.56 -3.81	89.29 6.75 -6.68	85.04 6.26 -9.31	84.95 5.00 -24.39	79.03 4.82 -18.84	76.25 4.87 -16.06	78.92 4.87 -18.73	84.95 4.88 -24.64	103.63 5.92 -34.10	123.00 6.10 -50.53	155.38 7.51 -64.44	140.15 7.22 -51.80	117.95 6.18 -42.33	117.67 5.30 -52.83	102.13 4.92 -41.94	101.35 6.42 -16.62	90.65 6.56 0.00
EAST___DELAWARE_HYD 23607	64.17 5.01 -3.55	60.83 4.88 -0.52	60.24 4.92 0.00	59.73 4.58 0.00	60.19 4.82 0.00	62.26 5.40 0.00	84.56 7.26 0.00	90.37 7.76 -3.48	89.55 7.59 -6.11	84.31 6.32 -8.51	82.62 4.78 -22.29	77.08 4.48 -17.22	74.48 4.48 -14.68	76.97 4.54 -17.11	82.66 4.71 -22.52	100.76 5.98 -31.17	116.70 6.70 -43.63	150.18 8.76 -57.99	137.07 8.60 -47.35	115.07 6.94 -38.69	113.72 5.90 -48.29	98.91 5.31 -38.34	100.55 7.05 -15.19	91.32 7.23 0.00
EIGHT_POINT___WT_PWR 323820	53.10 -3.34 -0.83	51.89 -3.66 -0.12	52.50 -2.82 0.00	52.45 -2.70 0.00	53.16 -2.22 0.00	55.66 -1.20 0.00	75.91 -1.39 0.00	76.63 -3.25 -0.75	73.46 -3.72 -1.31	67.48 -3.82 -1.83	57.67 -2.67 -4.78	56.08 -2.99 -3.70	55.37 -3.10 -3.15	56.17 -2.82 -3.67	57.82 -2.44 -4.83	68.40 -1.91 -6.69	62.54 -2.52 1.31	77.10 -2.84 3.49	75.03 -2.76 3.34	64.15 -2.57 2.72	53.74 -2.32 3.47	49.83 -2.49 2.95	73.83 -3.37 1.12	81.82 -2.27 0.00
ELBRIDGE_115KV_TB2 80188	55.38 -0.67 -0.44	54.72 -0.78 -0.07	54.44 -0.89 0.00	54.10 -1.05 0.00	54.43 -0.94 0.00	56.23 -0.63 0.00	76.52 -0.77 0.00	78.61 -0.95 -0.43	75.48 -1.14 -0.76	69.56 -0.97 -1.06	57.49 -0.83 -2.77	56.57 -0.94 -2.14	56.20 -0.94 -1.82	56.45 -1.00 -2.12	57.34 -0.89 -2.79	66.65 -0.83 -3.87	69.71 -0.93 -4.27	88.96 -1.17 -6.69	85.76 -1.14 -5.76	73.04 -1.11 -4.71	64.34 -1.07 -5.88	58.92 -1.11 -4.76	78.94 -1.25 -1.88	82.74 -1.35 0.00
ELEC_TRO_TEK 24086	89.94 5.34 -28.99	74.36 5.27 -13.67	70.85 5.26 -10.27	69.45 5.02 -9.28	74.04 5.21 -13.45	73.58 5.51 -11.21	105.20 6.80 -21.10	126.11 7.44 -39.54	108.24 7.51 -24.87	86.36 6.88 -10.00	84.99 5.06 -24.38	79.02 4.82 -18.83	76.19 4.81 -16.05	78.96 4.92 -18.72	85.04 4.99 -24.63	106.90 6.36 -36.93	131.55 6.64 -58.54	156.03 8.09 -64.50	140.62 7.63 -51.86	130.92 6.87 -54.61	125.35 5.89 -59.92	118.02 5.42 -57.34	109.24 7.28 -23.64	102.00 7.57 -10.35

ELLENBURG_WT_PWR 323604	-7.24 -2.95 59.90	-7.24 -2.60 60.07	-7.24 -2.60 59.96	-7.24 -2.43 59.96	-7.29 -2.82 59.85	-7.25 -3.41 60.69	-7.26 -4.18 80.38	-7.26 -3.88 82.52	-7.25 -3.79 79.32	-4.64 -3.47 70.65	-5.51 -2.67 58.40	-5.51 -2.49 58.40	0.30 -2.38 52.64	0.18 -2.43 52.71	52.88 -2.55 0.00	58.52 -3.18 1.91	63.45 -2.92 0.00	79.85 -3.59 0.00	77.88 -3.25 0.00	67.21 -2.22 0.00	58.35 -1.19 0.00	54.33 -0.94 0.00	75.88 -2.43 0.00	81.82 -2.27 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	52.58 -3.67 -0.64	51.42 -4.10 -0.09	51.61 -3.71 0.00	51.73 -3.42 0.00	52.61 -2.77 0.00	54.86 -1.99 0.00	73.66 -3.63 0.00	72.51 -7.12 -0.50	69.53 -7.21 -0.87	64.09 -6.60 -1.21	53.67 -5.06 -3.17	52.51 -5.32 -2.45	51.99 -5.42 -2.09	52.33 -5.42 -2.43	53.25 -5.38 -3.20	62.12 -5.92 -4.43	61.96 -6.77 -2.36	77.54 -9.01 -3.11	75.00 -8.68 -2.55	63.82 -7.71 -2.08	55.34 -6.79 -2.59	51.09 -6.25 -2.06	71.24 -7.91 -0.84	77.36 -6.73 0.00
EMPIRE_CC_1 323656	62.90 2.34 -4.95	58.44 2.27 -0.73	57.59 2.27 0.00	57.30 2.15 0.00	57.65 2.27 0.00	59.35 2.50 0.00	80.39 3.10 0.00	87.16 3.17 -4.86	87.42 3.04 -8.52	84.20 2.85 -11.87	88.95 2.28 -31.11	81.68 2.27 -24.04	78.08 2.27 -20.49	81.42 2.22 -23.89	89.08 2.22 -31.43	109.53 2.42 -43.51	112.75 2.52 -43.86	161.42 3.09 -74.90	150.18 3.00 -66.05	126.05 2.64 -53.97	129.10 2.20 -67.36	110.74 1.99 -53.48	102.55 3.05 -21.19	87.36 3.28 0.00
EMPIRE_CC_2 323658	62.90 2.34 -4.95	58.44 2.27 -0.73	57.59 2.27 0.00	57.30 2.15 0.00	57.65 2.27 0.00	59.35 2.50 0.00	80.39 3.10 0.00	87.16 3.17 -4.86	87.42 3.04 -8.52	84.20 2.85 -11.87	88.95 2.28 -31.11	81.68 2.27 -24.04	78.08 2.27 -20.49	81.42 2.22 -23.89	89.08 2.22 -31.43	109.53 2.42 -43.51	112.75 2.52 -43.86	161.42 3.09 -74.90	150.18 3.00 -66.05	126.05 2.64 -53.97	129.10 2.20 -67.36	110.74 1.99 -53.48	102.55 3.05 -21.19	87.36 3.28 0.00
ENORWICH_115KV_TB1 80156	61.04 4.17 -1.26	59.55 3.94 -0.19	59.53 4.20 0.00	59.29 4.14 0.00	59.75 4.37 0.00	62.03 5.17 0.00	85.88 8.58 0.00	94.12 13.77 -1.22	90.45 12.44 -2.14	83.93 11.46 -2.99	71.77 8.39 -7.82	69.01 7.59 -6.04	67.39 6.92 -5.15	68.63 7.30 -6.01	71.04 7.70 -7.90	84.59 10.05 -10.93	94.13 6.57 -21.19	126.87 9.01 -34.43	119.83 8.76 -29.94	101.40 7.50 -24.46	96.37 6.25 -30.58	81.55 5.14 -21.14	93.47 6.81 -8.35	91.48 7.40 0.00
ERIE_ST__34_KV_TB1-2 80199	52.10 -4.17 -0.66	50.87 -4.66 -0.10	53.11 -2.21 0.00	53.22 -1.93 0.00	54.10 -1.27 0.00	56.46 -0.40 0.00	76.06 -1.24 0.00	74.20 -5.46 -0.53	71.33 -5.46 -0.93	65.63 -5.14 -1.29	54.92 -4.00 -3.37	53.88 -4.10 -2.60	53.34 -4.20 -2.22	53.76 -4.15 -2.59	54.79 -4.05 -3.40	63.81 -4.52 -4.71	62.79 -6.04 -2.46	79.35 -7.34 -3.26	76.42 -7.38 -2.67	65.44 -6.18 -2.18	57.29 -4.94 -2.70	52.46 -4.97 -2.16	71.82 -7.36 -0.87	80.05 -4.04 0.00
ERIE_WT_PWR 323693	52.70 -3.56 -0.65	51.48 -4.04 -0.10	52.11 -3.21 0.00	52.28 -2.87 0.00	53.10 -2.27 0.00	55.44 -1.42 0.00	74.52 -2.78 0.00	73.24 -6.41 -0.52	70.24 -6.52 -0.90	64.69 -6.05 -1.26	54.28 -4.55 -3.28	53.09 -4.82 -2.54	52.50 -4.98 -2.16	52.92 -4.92 -2.52	53.76 -4.99 -3.31	62.79 -5.41 -4.59	62.33 -6.50 -2.46	78.35 -8.34 -3.27	75.61 -8.19 -2.67	64.48 -7.15 -2.19	56.05 -6.19 -2.71	51.49 -5.86 -2.08	71.56 -7.60 -0.84	78.28 -5.80 0.00
ESPRGFLD_115KV_TB1 80157	58.17 2.56 0.00	57.92 2.49 0.00	57.81 2.49 0.00	57.52 2.37 0.00	57.92 2.55 0.00	59.92 3.07 0.00	82.09 4.79 0.00	84.03 4.91 0.01	80.25 4.40 0.01	73.08 3.61 0.01	58.08 2.56 0.04	57.45 2.10 0.03	57.29 1.99 0.02	57.45 2.16 0.03	57.72 2.33 0.04	66.87 3.31 0.05	70.09 3.72 0.00	88.52 5.09 0.00	86.16 5.03 0.00	73.68 4.24 0.00	63.05 3.51 0.00	58.42 3.15 0.00	82.54 4.23 0.00	88.29 4.20 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	57.52 1.00 -0.91	56.40 0.83 -0.13	56.26 0.94 0.00	55.98 0.83 0.00	56.37 1.00 0.00	58.33 1.48 0.00	79.77 2.47 0.00	81.99 1.98 -0.88	78.99 1.59 -1.54	73.01 1.39 -2.14	62.11 0.94 -5.61	60.54 0.83 -4.34	59.79 0.77 -3.70	60.35 0.72 -4.31	62.04 0.94 -5.67	72.80 1.34 -7.85	90.03 1.59 -22.07	122.12 2.17 -36.52	115.14 2.11 -31.90	97.15 1.67 -26.05	93.48 1.31 -32.64	83.15 0.99 -26.89	90.38 1.49 -10.58	85.77 1.68 0.00
ETNA____115KV_TB2 80207	57.52 1.00 -0.91	56.40 0.83 -0.13	56.26 0.94 0.00	55.98 0.83 0.00	56.37 1.00 0.00	58.33 1.48 0.00	79.77 2.47 0.00	81.99 1.98 -0.88	78.99 1.59 -1.54	73.01 1.39 -2.14	62.11 0.94 -5.61	60.54 0.83 -4.34	59.79 0.77 -3.70	60.35 0.72 -4.31	62.04 0.94 -5.67	72.80 1.34 -7.85	90.03 1.59 -22.07	122.12 2.17 -36.52	115.14 2.11 -31.90	97.15 1.67 -26.05	93.48 1.31 -32.64	83.15 0.99 -26.89	90.38 1.49 -10.58	85.77 1.68 0.00
EUCLID____115KV_TB2 356179	54.90 -1.06 -0.35	54.32 -1.16 -0.05	53.99 -1.33 0.00	53.77 -1.38 0.00	54.10 -1.27 0.00	55.83 -1.02 0.00	75.98 -1.31 0.00	77.97 -1.50 -0.34	74.87 -1.59 -0.60	68.85 -1.46 -0.83	56.56 -1.17 -2.17	55.78 -1.27 -1.68	55.48 -1.27 -1.43	55.72 -1.27 -1.67	56.41 -1.22 -2.20	65.38 -1.27 -3.04	68.00 -1.39 -3.02	86.84 -1.75 -5.16	83.98 -1.70 -4.55	71.56 -1.60 -3.72	62.69 -1.49 -4.64	57.57 -1.44 -3.74	78.07 -1.72 -1.48	82.23 -1.85 0.00
E_CANADA_CAP_HY 24051	64.70 3.17 -5.92	59.41 3.10 -0.87	58.31 2.99 0.00	58.02 2.87 0.00	58.47 3.10 0.00	60.50 3.64 0.00	82.71 5.41 0.00	90.39 5.46 -5.81	90.98 4.93 -10.19	87.42 3.75 -14.19	95.31 2.56 -37.20	86.10 1.99 -28.73	81.75 1.94 -24.50	86.15 2.27 -28.56	95.33 2.33 -37.58	119.06 3.43 -52.01	122.41 4.12 -51.93	178.51 5.75 -89.32	165.97 5.92 -78.92	138.86 4.93 -64.49	144.13 4.10 -80.49	122.94 3.76 -63.90	108.80 5.17 -25.32	89.13 5.04 0.00
E_CANADA_MHWK_HY 24050	57.00 1.39 0.00	56.82 1.39 0.00	56.70 1.38 0.00	56.47 1.32 0.00	56.87 1.50 0.00	58.56 1.70 0.00	79.77 2.47 0.00	81.59 2.46 0.00	78.36 2.50 0.00	71.91 2.43 0.00	57.39 1.83 0.00	57.15 1.77 0.00	56.87 1.55 0.00	56.81 1.49 0.00	56.93 1.50 0.00	65.52 1.91 0.00	68.43 2.06 0.00	86.27 2.84 0.00	84.14 3.00 0.00	72.08 2.64 0.00	61.74 2.20 0.00	57.37 2.10 0.00	81.29 2.98 0.00	87.45 3.37 0.00
E_FISHKILL____LBMP 23776	63.74 4.17 -3.96	60.12 4.10 -0.58	59.41 4.09 0.00	59.01 3.86 0.00	59.42 4.04 0.00	61.23 4.38 0.00	82.71 5.41 0.00	88.94 5.93 -3.88	88.66 5.99 -6.80	84.44 5.49 -9.48	84.67 4.28 -24.83	78.71 4.15 -19.18	75.82 4.15 -16.35	78.54 4.15 -19.07	84.73 4.21 -25.09	103.42 5.09 -34.73	123.45 5.38 -51.71	155.96 6.76 -65.77	140.37 6.41 -52.83	118.09 5.49 -43.17	118.18 4.76 -53.88	102.32 4.31 -42.74	101.04 5.80 -16.93	90.05 5.97 0.00
FALCON____SEABRD_CC1 323796	-7.47 -2.61 60.47	-7.42 -2.22 60.63	-7.42 -2.21 60.52	-7.47 -2.10 60.53	-7.47 -2.44 60.41	-7.48 -3.07 61.26	-7.47 -3.63 81.14	-7.41 -3.25 83.29	-7.46 -3.26 80.07	-4.89 -3.06 71.31	-5.68 -2.28 58.95	-5.67 -2.10 58.95	0.19 -1.99 53.14	0.07 -2.05 53.20	53.21 -2.22 0.00	58.76 -2.93 1.93	63.58 -2.78 0.00	80.09 -3.34 0.00	78.13 -3.00 0.00	67.36 -2.08 0.00	58.76 -0.78 0.00	54.77 -0.50 0.00	75.97 -2.35 0.00	81.99 -2.10 0.00

FALCON___SEABRD_CC2 323797	-7.47 -2.61 60.47	-7.42 -2.22 60.63	-7.42 -2.21 60.52	-7.47 -2.10 60.53	-7.47 -2.44 60.41	-7.48 -3.07 61.26	-7.47 -3.63 81.14	-7.41 -3.25 83.29	-7.46 -3.26 80.07	-4.89 -3.06 71.31	-5.68 -2.28 58.95	-5.67 -2.10 58.95	0.19 -1.99 53.14	0.07 -2.05 53.20	53.21 -2.22 0.00	58.76 -2.93 1.93	63.58 -2.78 0.00	80.09 -3.34 0.00	78.13 -3.00 0.00	67.36 -2.08 0.00	58.76 -0.78 0.00	54.77 -0.50 0.00	75.97 -2.35 0.00	81.99 -2.10 0.00
FAR ROCKAWAY___4 23548	90.66 6.06 -28.99	75.08 5.99 -13.67	71.56 5.97 -10.27	70.16 5.74 -9.28	74.75 5.93 -13.45	74.37 6.31 -11.21	106.36 7.96 -21.10	126.82 8.15 -39.54	108.85 8.12 -24.87	87.26 7.78 -10.00	85.82 5.89 -24.38	79.86 5.65 -18.83	77.02 5.64 -16.05	79.79 5.75 -18.72	85.93 5.88 -24.63	107.66 7.12 -36.93	132.41 7.50 -58.54	157.11 9.18 -64.50	141.75 8.76 -51.86	131.75 7.71 -54.61	126.06 6.61 -59.92	118.69 6.08 -57.34	110.10 8.14 -23.64	103.43 9.00 -10.35
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	64.39 4.89 -3.88	60.88 4.88 -0.57	60.19 4.87 0.00	59.78 4.63 0.00	60.14 4.76 0.00	61.91 5.06 0.00	83.33 6.03 0.00	89.66 6.73 -3.80	89.44 6.90 -6.68	85.17 6.39 -9.30	84.93 5.00 -24.37	79.08 4.87 -18.83	76.30 4.92 -16.05	78.90 4.87 -18.71	84.98 4.93 -24.62	103.61 5.92 -34.08	123.17 6.24 -50.56	155.76 7.84 -64.49	140.36 7.38 -51.85	118.20 6.39 -42.37	117.95 5.54 -52.88	102.25 5.03 -41.95	101.59 6.66 -16.62	90.89 6.81 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	64.44 4.95 -3.88	60.88 4.88 -0.57	60.19 4.87 0.00	59.78 4.63 0.00	60.14 4.76 0.00	61.91 5.06 0.00	83.40 6.11 0.00	89.66 6.73 -3.80	89.44 6.90 -6.68	85.17 6.39 -9.30	84.93 5.00 -24.37	79.08 4.87 -18.83	76.30 4.92 -16.05	78.90 4.87 -18.71	84.98 4.93 -24.62	103.61 5.92 -34.08	123.17 6.24 -50.56	155.76 7.84 -64.49	140.45 7.46 -51.85	118.20 6.39 -42.37	117.95 5.54 -52.88	102.30 5.08 -41.95	101.59 6.66 -16.62	90.89 6.81 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	64.39 4.89 -3.88	60.83 4.82 -0.57	60.13 4.81 0.00	59.73 4.58 0.00	60.14 4.76 0.00	61.91 5.06 0.00	83.33 6.03 0.00	89.58 6.65 -3.80	89.37 6.83 -6.68	85.10 6.32 -9.30	84.87 4.94 -24.37	79.08 4.87 -18.83	76.24 4.87 -16.05	78.85 4.81 -18.71	84.93 4.88 -24.62	103.61 5.92 -34.08	123.17 6.24 -50.56	155.68 7.76 -64.49	140.36 7.38 -51.85	118.13 6.32 -42.37	117.89 5.48 -52.88	102.25 5.03 -41.95	101.51 6.58 -16.62	90.81 6.73 0.00
FARRAGUT___LBMP 323566	64.33 4.84 -3.88	60.83 4.82 -0.57	60.08 4.76 0.00	59.67 4.52 0.00	60.08 4.71 0.00	61.86 5.00 0.00	83.25 5.95 0.00	89.58 6.65 -3.80	89.29 6.75 -6.68	85.03 6.25 -9.30	84.82 4.89 -24.37	79.02 4.82 -18.83	76.18 4.81 -16.05	78.79 4.76 -18.71	84.87 4.82 -24.62	103.54 5.85 -34.08	123.10 6.17 -50.56	155.60 7.68 -64.49	140.28 7.30 -51.85	118.13 6.32 -42.37	117.83 5.42 -52.88	102.19 4.97 -41.95	101.51 6.58 -16.62	90.81 6.73 0.00
FENNER___WINDPWR 24204	57.21 1.11 -0.49	56.50 1.00 -0.07	56.37 1.05 0.00	56.15 0.99 0.00	56.48 1.11 0.00	58.33 1.48 0.00	79.77 2.47 0.00	82.12 2.53 -0.46	78.95 2.27 -0.81	72.63 2.02 -1.13	59.96 1.44 -2.97	58.94 1.27 -2.29	58.49 1.22 -1.95	58.87 1.27 -2.28	59.75 1.33 -3.00	69.60 1.85 -4.15	75.67 1.86 -7.44	97.82 2.33 -12.06	93.88 2.27 -10.48	79.87 1.88 -8.56	71.73 1.49 -10.71	64.99 1.16 -8.56	83.41 1.72 -3.38	85.85 1.77 0.00
FIBERTEK___ENERGY 23856	55.64 -0.39 -0.42	54.99 -0.50 -0.06	54.71 -0.61 0.00	54.16 -0.99 0.00	54.38 -1.00 0.00	56.23 -0.63 0.00	76.52 -0.77 0.00	78.67 -0.87 -0.41	75.52 -1.06 -0.72	69.57 -0.90 -1.00	57.45 -0.72 -2.61	56.56 -0.83 -2.02	56.16 -0.89 -1.72	56.44 -0.89 -2.01	57.29 -0.78 -2.64	66.50 -0.76 -3.65	69.54 -0.86 -4.04	88.67 -1.08 -6.33	85.45 -1.14 -5.45	72.85 -1.04 -4.45	64.08 -1.01 -5.56	58.72 -1.05 -4.49	78.84 -1.25 -1.78	82.74 -1.35 0.00
FITZPATRICK____ 23598	53.96 -1.89 -0.24	53.47 -1.99 -0.04	53.22 -2.10 0.00	53.00 -2.15 0.00	53.27 -2.10 0.00	54.92 -1.93 0.00	74.67 -2.63 0.00	76.52 -2.85 -0.23	73.46 -2.81 -0.41	67.48 -2.57 -0.57	54.98 -2.05 -1.48	54.42 -2.10 -1.15	54.14 -2.16 -0.98	54.30 -2.16 -1.14	54.82 -2.11 -1.50	63.40 -2.29 -2.07	66.09 -2.39 -2.11	83.95 -3.09 -3.61	81.31 -3.00 -3.18	69.40 -2.64 -2.60	60.40 -2.38 -3.24	55.63 -2.21 -2.57	76.52 -2.82 -1.02	81.06 -3.02 0.00
FLOWRFLD_69_KV_BK1 356044	92.11 7.51 -29.00	76.53 7.43 -13.67	73.06 7.47 -10.27	71.66 7.22 -9.28	76.26 7.42 -13.46	75.80 7.73 -11.21	108.21 9.82 -21.10	129.20 10.52 -39.54	111.06 10.32 -24.88	88.79 9.31 -10.00	86.43 6.50 -24.38	80.19 5.98 -18.83	77.29 5.92 -16.05	80.12 6.09 -18.72	86.04 5.99 -24.63	108.49 7.95 -36.93	133.34 8.43 -58.54	158.03 10.10 -64.50	142.57 9.57 -51.86	132.73 8.68 -54.61	127.08 7.62 -59.92	119.63 7.02 -57.34	111.59 9.63 -23.64	104.35 9.92 -10.35
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	64.50 5.00 -3.89	60.88 4.88 -0.57	60.13 4.81 0.00	59.67 4.52 0.00	60.14 4.76 0.00	62.09 5.23 0.00	84.10 6.80 0.00	90.22 7.28 -3.81	89.83 7.28 -6.68	85.11 6.32 -9.31	84.79 4.83 -24.41	78.94 4.71 -18.85	76.10 4.70 -16.07	78.76 4.70 -18.74	84.96 4.88 -24.65	103.65 5.92 -34.13	122.95 6.50 -50.08	156.16 8.34 -64.38	141.16 8.11 -51.92	118.53 6.67 -42.43	118.20 5.72 -52.95	102.47 5.20 -42.00	101.85 6.89 -16.64	91.15 7.06 0.00
FORT ORANGE____ 23900	62.78 2.11 -5.06	58.23 2.05 -0.75	57.42 2.10 0.00	57.13 1.98 0.00	57.48 2.10 0.00	59.13 2.28 0.00	80.08 2.78 0.00	86.78 2.69 -4.96	87.22 2.65 -8.70	83.96 2.36 -12.12	89.20 1.89 -31.76	81.73 1.82 -24.53	78.06 1.82 -20.91	81.53 1.82 -24.38	89.40 1.89 -32.08	109.86 1.85 -44.41	112.49 2.06 -44.06	162.12 2.50 -76.19	150.98 2.43 -67.41	126.54 2.02 -55.09	129.96 1.66 -68.76	111.35 1.49 -54.58	102.37 2.43 -21.63	87.28 3.19 0.00
FORT_DRUM_COGEN 23780	58.44 -0.11 -2.94	57.98 -0.22 -2.77	57.83 -0.22 -2.73	57.61 -0.28 -2.73	57.88 -0.22 -2.73	59.56 -0.06 -2.77	82.12 1.16 -3.66	85.07 1.98 -3.96	81.43 1.59 -3.97	74.93 1.74 -3.72	60.29 0.78 -3.96	59.54 0.50 -3.66	58.91 0.33 -3.25	59.16 0.44 -3.40	57.30 0.55 -1.31	66.85 1.34 -1.90	69.63 1.46 -1.80	88.51 2.00 -3.08	85.88 2.03 -2.72	73.33 1.67 -2.22	63.61 1.31 -2.77	58.28 0.77 -2.23	80.06 0.86 -0.88	84.25 0.17 0.00
FOX_HILLS___ESR 323835	64.40 4.89 -3.89	60.89 4.88 -0.58	60.20 4.87 -0.01	59.79 4.63 -0.01	60.20 4.82 -0.01	61.80 4.95 0.00	82.86 5.57 0.00	89.11 6.17 -3.80	88.91 6.37 -6.68	84.75 5.98 -9.30	84.60 4.67 -24.37	78.86 4.65 -18.83	76.02 4.65 -16.05	78.63 4.59 -18.71	84.65 4.60 -24.62	103.29 5.60 -34.08	122.84 5.91 -50.56	155.35 7.43 -64.49	139.96 6.98 -51.85	117.99 6.18 -42.37	117.78 5.36 -52.88	102.19 4.97 -41.95	101.51 6.58 -16.62	90.73 6.64 0.00
FPL FAR_ROCK_GT1 24212	90.66 6.06 -28.99	75.09 5.99 -13.67	71.62 6.03 -10.27	70.22 5.79 -9.28	74.81 5.98 -13.45	74.37 6.31 -11.21	105.97 7.58 -21.10	126.82 8.15 -39.54	108.93 8.20 -24.87	87.34 7.85 -10.01	86.22 6.28 -24.39	80.15 5.93 -18.84	77.42 6.03 -16.07	80.24 6.19 -18.73	86.12 6.04 -24.64	107.68 7.12 -36.95	132.38 7.50 -58.51	157.31 9.42 -64.45	142.11 9.17 -51.81	131.72 7.71 -54.57	126.02 6.61 -59.87	118.63 6.03 -57.34	110.10 8.14 -23.64	103.43 9.00 -10.35



FPL FAR_ROCK_GT2 23815	90.66 6.06 -28.99	75.09 5.99 -13.67	71.62 6.03 -10.27	70.22 5.79 -9.28	74.81 5.98 -13.45	74.37 6.31 -11.21	105.97 7.58 -21.10	126.82 8.15 -39.54	108.93 8.20 -24.87	87.34 7.85 -10.01	86.22 6.28 -24.39	80.15 5.93 -18.84	77.42 6.03 -16.07	80.24 6.19 -18.73	86.12 6.04 -24.64	107.68 7.12 -36.95	132.38 7.50 -58.51	157.31 9.42 -64.45	142.11 9.17 -51.81	131.72 7.71 -54.57	126.02 6.61 -59.87	118.63 6.03 -57.34	110.10 8.14 -23.64	103.43 9.00 -10.35
FRANKLIN_FALL_HYD 24054	96.74 -1.84 -42.96	97.18 -1.33 -43.08	97.00 -1.33 -43.00	97.00 -1.16 -43.00	96.69 -1.61 -42.92	98.11 -2.27 -43.53	132.47 -2.47 -57.65	136.41 -1.90 -59.18	130.63 -2.12 -56.89	118.20 -1.95 -50.67	95.99 -1.44 -41.88	95.93 -1.33 -41.88	91.80 -1.27 -37.75	91.79 -1.33 -37.80	53.82 -1.61 0.00	63.01 -1.97 -1.37	64.84 -1.53 0.00	81.76 -1.67 0.00	79.75 -1.38 0.00	68.61 -0.83 0.00	59.48 -0.06 0.00	55.16 -0.11 0.00	77.14 -1.17 0.00	83.16 -0.92 0.00
FREEPORT_EQUUS_GT1 23764	90.16 5.56 -28.99	74.59 5.49 -13.67	71.07 5.48 -10.27	69.67 5.24 -9.28	74.26 5.43 -13.46	73.87 5.80 -11.21	105.66 7.26 -21.10	126.51 7.84 -39.54	108.56 7.82 -24.88	86.64 7.16 -10.01	85.56 5.61 -24.39	79.48 5.26 -18.84	76.75 5.36 -16.07	79.58 5.53 -18.73	85.17 5.10 -24.64	106.98 6.42 -36.95	131.65 6.77 -58.51	156.40 8.51 -64.45	141.23 8.28 -51.81	131.02 7.01 -54.57	125.48 6.08 -59.87	118.30 5.69 -57.34	109.63 7.68 -23.64	102.42 7.99 -10.35
FREEPORT___CT2 23818	90.16 5.56 -28.99	74.59 5.49 -13.67	71.07 5.48 -10.27	69.67 5.24 -9.28	74.26 5.43 -13.46	73.87 5.80 -11.21	105.66 7.26 -21.10	126.51 7.84 -39.54	108.56 7.82 -24.88	86.64 7.16 -10.01	85.56 5.61 -24.39	79.48 5.26 -18.84	76.75 5.36 -16.07	79.58 5.53 -18.73	85.17 5.10 -24.64	106.98 6.42 -36.95	131.65 6.77 -58.51	156.40 8.51 -64.45	141.23 8.28 -51.81	131.02 7.01 -54.57	125.48 6.08 -59.87	118.30 5.69 -57.34	109.63 7.68 -23.64	102.42 7.99 -10.35
FRESHKLS_33_KV_LOAD 356253	61.82 4.67 -1.54	60.78 4.77 -0.58	60.09 4.76 -0.01	59.68 4.52 -0.01	60.09 4.71 -0.01	61.62 4.78 0.01	72.38 5.33 10.25	76.91 5.93 8.15	74.42 6.07 7.51	75.42 5.77 -0.17	65.05 4.44 -5.05	64.19 4.43 -4.38	64.13 4.43 -4.38	64.13 4.43 -4.38	65.12 4.43 -5.26	74.50 5.34 -5.55	65.66 5.71 6.41	97.46 7.18 -6.86	82.40 6.73 5.47	66.06 5.97 9.35	65.86 5.18 -1.14	73.86 4.81 -13.78	69.17 6.34 15.49	63.98 6.39 26.49
FULTON COGEN____ 23766	54.66 -1.28 -0.33	54.09 -1.39 -0.05	53.83 -1.49 0.00	53.55 -1.60 0.00	53.88 -1.50 0.00	55.66 -1.19 0.00	75.75 -1.55 0.00	77.79 -1.66 0.00	74.69 -1.74 -0.57	68.74 -1.53 -0.79	56.41 -1.22 -2.08	55.65 -1.33 -1.61	55.36 -1.33 -1.37	55.53 -1.38 -1.60	56.26 -1.27 -2.10	65.18 -1.34 -2.91	67.87 -1.39 -2.89	86.62 -1.75 -4.94	83.71 -1.78 -4.36	71.40 -1.60 -3.56	62.43 -1.55 -4.44	57.36 -1.49 -3.58	77.93 -1.80 -1.42	82.15 -1.93 0.00
FULTON___LFGE 323630	65.15 3.89 -5.65	60.14 3.88 -0.83	59.03 3.71 0.00	58.73 3.58 0.00	59.14 3.77 0.00	61.17 4.32 0.00	83.71 6.41 0.00	91.07 6.41 -5.54	91.42 5.84 -9.72	87.67 4.66 -13.54	94.25 3.22 -35.48	85.55 2.77 -27.41	81.34 2.66 -23.36	85.49 2.93 -27.24	94.26 2.99 -35.84	117.41 4.20 -49.61	120.53 4.91 -49.25	175.30 6.75 -85.12	163.32 6.89 -75.30	136.73 5.76 -61.53	141.21 4.88 -76.80	120.66 4.42 -60.97	108.50 6.03 -24.16	90.05 5.97 0.00
G.F.CEMENT___DRP 24184	64.29 3.45 -5.24	59.64 3.44 -0.77	58.42 3.10 0.00	58.13 2.98 0.00	58.53 3.16 0.00	60.44 3.58 0.00	82.32 5.02 0.00	89.41 5.14 -5.13	89.95 5.08 -9.01	86.47 4.45 -12.55	91.71 3.28 -32.88	83.93 3.16 -25.40	80.07 3.10 -21.65	83.77 3.21 -25.24	91.91 3.27 -33.21	113.59 4.01 -45.98	116.35 4.38 -45.60	168.14 5.76 -78.95	156.84 5.84 -69.87	131.39 4.86 -57.09	134.90 4.11 -71.26	115.40 3.59 -56.54	105.80 5.09 -22.40	89.38 5.30 0.00
GARDENVILLE___LBMP 24039	52.59 -3.67 -0.65	51.37 -4.16 -0.10	51.89 -3.43 0.00	52.01 -3.14 0.00	52.88 -2.49 0.00	55.15 -1.71 0.00	74.20 -3.09 0.00	72.92 -6.73 -0.52	69.94 -6.83 -0.90	64.48 -6.25 -1.25	54.05 -4.78 -3.27	52.87 -5.04 -2.53	52.33 -5.14 -2.16	52.69 -5.14 -2.51	53.64 -5.10 -3.31	62.59 -5.60 -4.58	62.19 -6.50 -2.33	77.88 -8.59 -3.04	75.25 -8.36 -2.47	64.11 -7.36 -2.03	55.67 -6.37 -2.51	51.36 -5.91 -2.00	71.45 -7.67 -0.81	77.86 -6.22 0.00
GARDNVLA_35_KV_LD 355827	52.76 -3.50 -0.65	51.54 -3.99 -0.10	52.17 -3.15 0.00	52.34 -2.81 0.00	53.16 -2.22 0.00	55.43 -1.42 0.00	74.59 -2.71 0.00	73.32 -6.33 -0.52	70.33 -6.45 -0.91	64.77 -5.98 -1.27	54.31 -4.56 -3.31	53.17 -4.76 -2.56	52.64 -4.87 -2.18	53.00 -4.87 -2.54	53.95 -4.82 -3.35	62.90 -5.34 -4.63	62.48 -6.31 -2.41	78.27 -8.34 -3.18	75.62 -8.11 -2.60	64.41 -7.15 -2.13	56.03 -6.13 -2.63	51.63 -5.75 -2.10	71.72 -7.44 -0.85	78.37 -5.72 0.00
GELCKHM___115KV_LOAD 80723	55.20 -0.78 -0.37	54.54 -0.94 -0.05	54.27 -1.05 0.00	53.88 -1.27 0.00	54.21 -1.16 0.00	55.95 -0.91 0.00	76.14 -1.16 0.00	78.23 -1.27 -0.36	75.06 -1.44 -0.64	69.12 -1.25 -0.89	56.89 -1.00 -2.33	56.07 -1.11 -1.80	55.75 -1.11 -1.54	55.95 -1.16 -1.79	56.73 -1.05 -2.36	65.79 -1.08 -3.26	68.41 -1.19 -3.24	87.46 -1.50 -5.53	84.47 -1.54 -4.88	72.04 -1.39 -3.98	63.20 -1.31 -4.97	57.96 -1.33 -4.01	78.34 -1.57 -1.59	82.40 -1.68 0.00
GENERAL___MILLS 23808	52.65 -3.61 -0.65	51.42 -4.10 -0.10	52.11 -3.21 0.00	52.23 -2.92 0.00	53.10 -2.27 0.00	55.38 -1.48 0.00	74.44 -2.86 0.00	73.16 -6.49 -0.52	70.17 -6.60 -0.91	64.70 -6.04 -1.26	54.25 -4.61 -3.30	53.05 -4.87 -2.55	52.52 -4.98 -2.18	52.88 -4.98 -2.54	53.89 -4.88 -3.34	62.82 -5.41 -4.62	62.32 -6.44 -2.39	78.15 -8.43 -3.14	75.50 -8.19 -2.56	64.32 -7.22 -2.10	55.94 -6.19 -2.60	51.54 -5.80 -2.08	71.63 -7.52 -0.84	78.20 -5.89 0.00
GE_PLASTICS___DRP 24183	62.73 2.06 -5.06	58.23 2.05 -0.75	57.37 2.05 0.00	57.08 1.93 0.00	57.42 2.05 0.00	59.07 2.22 0.00	80.08 2.78 0.00	86.86 2.77 -4.96	87.29 2.73 -8.70	84.10 2.50 -12.12	89.32 2.00 -31.76	81.91 1.99 -24.54	78.23 1.99 -20.92	81.70 1.99 -24.39	89.51 2.00 -32.09	110.12 2.10 -44.41	112.08 2.19 -43.52	162.18 2.67 -76.07	151.22 2.60 -67.49	126.74 2.15 -55.15	130.22 1.85 -68.84	111.60 1.71 -54.62	102.54 2.58 -21.64	87.19 3.11 0.00
GILBOA___1 23756	61.65 2.06 -3.98	58.01 1.99 -0.59	57.37 2.05 0.00	57.03 1.88 0.00	57.43 2.05 0.00	59.13 2.28 0.00	80.16 2.86 0.00	85.80 2.77 -3.90	85.44 2.73 -6.84	81.65 2.64 -9.53	82.65 2.11 -24.99	76.73 2.05 -19.30	73.83 2.05 -16.46	76.55 2.05 -19.19	82.72 2.05 -25.24	101.03 2.48 -34.94	103.81 2.19 -35.25	146.37 2.75 -60.19	136.88 2.67 -53.08	115.03 2.22 -43.37	115.57 1.90 -54.13	100.13 1.88 -42.98	98.16 2.82 -17.03	87.20 3.11 0.00
GILBOA___2 23757	61.65 2.06 -3.98	58.01 1.99 -0.59	57.37 2.05 0.00	57.03 1.88 0.00	57.43 2.05 0.00	59.13 2.28 0.00	80.16 2.86 0.00	85.80 2.77 -3.90	85.44 2.73 -6.84	81.65 2.64 -9.53	82.65 2.11 -24.99	76.73 2.05 -19.30	73.83 2.05 -16.46	76.55 2.05 -19.19	82.72 2.05 -25.24	101.03 2.48 -34.94	103.81 2.19 -35.25	146.37 2.75 -60.19	136.88 2.67 -53.08	115.03 2.22 -43.37	115.57 1.90 -54.13	100.13 1.88 -42.98	98.16 2.82 -17.03	87.20 3.11 0.00

GILBOA___3 23758	61.65 2.06 -3.98	58.01 1.99 -0.59	57.37 2.05 0.00	57.03 1.88 0.00	57.43 2.05 0.00	59.13 2.28 0.00	80.16 2.86 0.00	85.80 2.77 -3.90	85.44 2.73 -6.84	81.65 2.64 -9.53	82.65 2.11 -24.99	76.73 2.05 -19.30	73.83 2.05 -16.46	76.55 2.05 -19.19	82.72 2.05 -25.24	101.03 2.48 -34.94	103.81 2.19 -35.25	146.37 2.75 -60.19	136.88 2.67 -53.08	115.03 2.22 -43.37	115.57 1.90 -54.13	100.13 1.88 -42.98	98.16 2.82 -17.03	87.20 3.11 0.00
GILBOA___4 23759	61.65 2.06 -3.98	58.01 1.99 -0.59	57.37 2.05 0.00	57.03 1.88 0.00	57.43 2.05 0.00	59.13 2.28 0.00	80.16 2.86 0.00	85.80 2.77 -3.90	85.44 2.73 -6.84	81.65 2.64 -9.53	82.65 2.11 -24.99	76.73 2.05 -19.30	73.83 2.05 -16.46	76.55 2.05 -19.19	82.72 2.05 -25.24	101.03 2.48 -34.94	103.81 2.19 -35.25	146.37 2.75 -60.19	136.88 2.67 -53.08	115.03 2.22 -43.37	115.57 1.90 -54.13	100.13 1.88 -42.98	98.16 2.82 -17.03	87.20 3.11 0.00
GILBOA___ 23599	61.65 2.06 -3.98	58.01 2.00 -0.59	57.31 1.99 0.00	57.03 1.88 0.00	57.37 1.99 0.00	59.13 2.27 0.00	80.16 2.86 0.00	85.80 2.77 -3.90	85.43 2.73 -6.84	81.65 2.64 -9.53	82.63 2.11 -24.97	76.71 2.05 -19.29	73.81 2.05 -16.44	76.54 2.05 -19.17	82.70 2.05 -25.22	101.01 2.48 -34.91	103.91 2.26 -35.29	146.43 2.75 -60.25	136.94 2.68 -53.13	115.08 2.22 -43.42	115.63 1.91 -54.19	100.18 1.93 -42.98	98.24 2.90 -17.03	87.19 3.11 0.00
GINNA___ 23603	52.30 -3.78 -0.47	51.51 -3.99 -0.07	50.51 -4.81 0.00	50.41 -4.74 0.00	51.00 -4.38 0.00	52.87 -3.98 0.00	71.58 -5.72 0.00	72.95 -6.65 -0.47	70.01 -6.68 -0.83	64.44 -6.18 -1.15	53.74 -4.83 -3.01	52.77 -4.93 -2.33	52.27 -5.03 -1.98	52.60 -5.03 -2.31	53.54 -4.93 -3.04	62.55 -5.28 -4.22	63.59 -5.37 -2.59	79.85 -7.34 -3.76	77.25 -7.06 -3.17	65.85 -6.18 -2.60	56.98 -5.77 -3.22	52.58 -5.20 -2.51	72.82 -6.50 -1.00	76.52 -7.57 0.00
GLEN PARK___ 23778	58.69 0.28 -2.80	58.17 0.11 -2.63	58.02 0.11 -2.59	57.80 0.06 -2.59	58.07 0.11 -2.59	59.82 0.34 -2.62	82.62 1.85 -3.48	85.51 2.61 -3.78	81.78 2.12 -3.79	75.20 2.16 -3.56	60.52 1.11 -3.85	59.76 0.83 -3.55	59.08 0.61 -3.15	59.34 0.72 -3.30	57.60 0.83 -1.34	67.33 1.78 -1.94	70.19 1.93 -1.90	89.34 2.67 -3.24	86.66 2.67 -2.86	73.99 2.22 -2.33	64.23 1.78 -2.91	58.74 1.16 -2.31	80.64 1.41 -0.92	84.84 0.76 0.00
GLENDALE_27_KV_LOAD 356172	64.90 5.39 -3.89	61.33 5.32 -0.58	60.64 5.31 -0.01	60.23 5.07 -0.01	60.59 5.21 -0.01	62.37 5.51 0.00	83.79 6.49 0.00	90.06 7.12 -3.80	89.75 7.21 -6.68	85.59 6.81 -9.30	85.21 5.28 -24.37	79.46 5.26 -18.83	76.63 5.26 -16.05	79.23 5.20 -18.71	85.32 5.27 -24.62	103.99 6.30 -34.08	123.50 6.57 -50.56	156.18 8.26 -64.49	140.77 7.79 -51.85	118.62 6.81 -42.37	118.31 5.89 -52.88	102.69 5.47 -41.95	102.29 7.36 -16.62	91.57 7.48 0.00
GLENWOOD_IC_1_G5 23712	89.77 5.17 -28.99	74.20 5.10 -13.67	70.62 5.03 -10.27	69.23 4.80 -9.28	73.81 4.98 -13.46	73.41 5.34 -11.21	105.04 6.65 -21.10	125.95 7.28 -39.54	108.09 7.36 -24.87	86.22 6.74 -10.00	84.99 5.06 -24.38	79.08 4.87 -18.83	76.24 4.87 -16.05	78.96 4.92 -18.72	85.04 4.99 -24.63	106.84 6.30 -36.93	131.55 6.64 -58.54	156.11 8.18 -64.50	140.70 7.71 -51.86	130.85 6.81 -54.61	125.35 5.89 -59.92	117.97 5.36 -57.34	109.08 7.13 -23.64	101.83 7.40 -10.35
GLENWOOD_IC_2_G1 23688	89.50 4.89 -28.99	73.92 4.82 -13.67	70.46 4.87 -10.27	69.06 4.63 -9.28	73.64 4.82 -13.45	73.18 5.12 -11.21	104.73 6.34 -21.10	125.55 6.88 -39.54	107.71 6.97 -24.87	85.87 6.39 -10.01	85.00 5.05 -24.39	79.09 4.87 -18.84	76.31 4.92 -16.07	79.03 4.98 -18.73	84.95 4.88 -24.64	106.54 5.98 -36.95	131.19 6.31 -58.51	155.81 7.93 -64.45	140.57 7.62 -51.81	130.47 6.46 -54.57	125.00 5.59 -59.87	117.69 5.08 -57.34	108.69 6.74 -23.64	101.40 6.98 -10.35
GLENWOOD_IC_3_G1 23689	89.50 4.89 -28.99	73.92 4.82 -13.67	70.46 4.87 -10.27	69.06 4.63 -9.28	73.64 4.82 -13.45	73.18 5.12 -11.21	104.73 6.34 -21.10	125.55 6.88 -39.54	107.71 6.97 -24.87	85.87 6.39 -10.01	85.00 5.05 -24.39	79.09 4.87 -18.84	76.31 4.92 -16.07	79.03 4.98 -18.73	84.95 4.88 -24.64	106.54 5.98 -36.95	131.19 6.31 -58.51	155.81 7.93 -64.45	140.57 7.62 -51.81	130.47 6.46 -54.57	125.00 5.59 -59.87	117.69 5.08 -57.34	108.69 6.74 -23.64	101.40 6.98 -10.35
GLENWOOD___4 23550	89.83 5.23 -28.99	74.25 5.15 -13.67	70.74 5.14 -10.27	69.34 4.91 -9.28	73.93 5.09 -13.46	73.52 5.46 -11.21	105.12 6.72 -21.10	126.03 7.36 -39.54	108.17 7.43 -24.87	86.29 6.81 -10.00	85.10 5.17 -24.38	79.14 4.93 -18.83	76.30 4.92 -16.05	79.02 4.98 -18.72	85.10 5.04 -24.63	106.90 6.36 -36.93	131.68 6.77 -58.54	156.19 8.26 -64.50	140.78 7.79 -51.86	130.92 6.87 -54.61	125.41 5.95 -59.92	118.02 5.42 -57.34	109.16 7.20 -23.64	101.91 7.48 -10.35
GLENWOOD___5 23614	89.83 5.23 -28.99	74.25 5.15 -13.67	70.74 5.14 -10.27	69.34 4.91 -9.28	73.93 5.09 -13.46	73.52 5.46 -11.21	105.12 6.72 -21.10	126.03 7.36 -39.54	108.17 7.43 -24.87	86.29 6.81 -10.00	85.10 5.17 -24.38	79.14 4.93 -18.83	76.30 4.92 -16.05	79.02 4.98 -18.72	85.10 5.04 -24.63	106.90 6.36 -36.93	131.68 6.77 -58.54	156.19 8.26 -64.50	140.78 7.79 -51.86	130.92 6.87 -54.61	125.41 5.95 -59.92	118.02 5.42 -57.34	109.16 7.20 -23.64	101.91 7.48 -10.35
GLOBAL GREEN_PORT_GT1 23814	94.45 9.84 -29.00	78.86 9.76 -13.67	75.44 9.85 -10.27	74.03 9.60 -9.28	78.69 9.86 -13.46	78.42 10.35 -11.21	112.23 13.83 -21.10	133.08 14.40 -39.55	114.70 13.96 -24.88	91.85 12.37 -10.01	89.11 9.16 -24.39	82.58 8.36 -18.84	79.85 8.46 -16.07	82.79 8.74 -18.73	88.06 7.98 -24.64	110.74 10.18 -36.95	135.90 11.02 -58.51	161.99 14.10 -64.45	146.74 13.79 -51.81	135.60 11.60 -54.57	129.35 9.94 -59.87	121.56 8.95 -57.34	114.64 12.69 -23.64	107.71 13.28 -10.35
GLOBE___DSASP 323697	51.82 -4.39 -0.60	50.70 -4.82 -0.09	49.95 -5.37 0.00	50.08 -5.07 0.00	50.83 -4.54 0.00	52.93 -3.92 0.00	70.80 -6.49 0.00	69.62 -9.97 -0.46	66.65 -10.01 -0.80	61.48 -9.10 -1.11	51.50 -6.94 -2.89	50.36 -7.25 -2.24	49.87 -7.36 -1.91	50.24 -7.30 -2.22	51.09 -7.26 -2.92	59.51 -8.14 -4.04	60.06 -8.76 -2.45	75.66 -11.10 -3.33	73.40 -10.47 -2.73	62.24 -9.44 -2.24	53.61 -8.69 -2.77	49.97 -7.52 -2.22	69.26 -9.95 -0.90	74.16 -9.92 0.00
GOETHSLN___LBMP 323567	61.64 4.50 -1.53	60.49 4.49 -0.57	59.80 4.48 0.00	59.40 4.25 0.00	59.81 4.43 0.00	61.52 4.66 0.00	72.46 5.41 10.25	77.08 6.09 8.15	74.58 6.22 7.50	75.43 5.77 -0.18	65.11 4.50 -5.06	64.19 4.43 -4.39	64.14 4.43 -4.39	64.08 4.37 -4.39	65.13 4.43 -5.27	74.57 5.41 -5.55	65.67 5.71 6.41	97.38 7.09 -6.86	82.40 6.73 5.46	65.93 5.83 9.35	65.69 5.00 -1.15	73.64 4.59 -13.78	68.86 6.03 15.48	63.72 6.14 26.50
GOLAH___69_KV_TB 1_2 80279	54.38 -1.72 -0.49	53.56 -1.94 -0.07	52.50 -2.82 0.00	52.45 -2.70 0.00	53.16 -2.22 0.00	55.26 -1.59 0.00	74.59 -2.71 0.00	75.11 -4.51 -0.49	71.94 -4.78 -0.85	66.22 -4.45 -1.19	55.17 -3.50 -3.12	54.07 -3.71 -2.41	53.67 -3.71 -2.05	54.01 -3.71 -2.39	54.98 -3.60 -3.15	64.03 -3.94 -4.36	64.76 -4.05 -2.44	81.06 -5.84 -3.47	78.68 -5.35 -2.90	66.88 -4.93 -2.38	57.66 -4.82 -2.94	53.22 -4.42 -2.37	74.41 -4.86 -0.95	78.62 -5.47 0.00

GOODYEAR_LAKE_HYD 323669	59.37 2.50 -1.26	58.00 2.38 -0.19	57.81 2.49 0.00	57.52 2.37 0.00	57.92 2.55 0.00	59.81 2.96 0.00	81.70 4.41 0.00	84.87 4.51 -1.23	82.19 4.17 -2.15	76.16 3.68 -3.00	66.13 2.72 -7.85	63.93 2.49 -6.07	62.82 2.32 -5.17	63.78 2.43 -6.03	65.91 2.55 -7.93	78.02 3.43 -10.98	82.72 3.52 -12.83	108.04 4.59 -20.02	102.90 4.54 -17.22	87.33 3.82 -14.07	80.32 3.21 -17.57	71.69 2.82 -13.60	87.54 3.84 -5.39	88.12 4.04 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	56.92 0.00 -1.31	55.46 -0.17 -0.19	55.60 0.28 0.00	55.37 0.22 0.00	55.82 0.44 0.00	57.71 0.85 0.00	78.53 1.24 0.00	80.86 0.47 -1.26	79.04 0.99 -2.19	73.37 0.83 -3.05	64.17 0.61 -8.00	62.00 0.44 -6.18	60.98 0.39 -5.27	61.85 0.39 -6.14	64.07 0.55 -8.08	75.13 0.25 -11.26	78.62 0.00 -12.26	102.57 0.08 -19.06	97.51 0.00 -16.37	82.75 -0.07 -13.38	76.18 -0.06 -16.70	69.16 -0.22 -14.11	83.67 -0.23 -5.59	84.50 0.42 0.00
GOUDEY___7 23579	56.92 0.00 -1.31	55.46 -0.17 -0.19	55.60 0.28 0.00	55.37 0.22 0.00	55.82 0.44 0.00	57.71 0.85 0.00	78.53 1.24 0.00	80.86 0.47 -1.26	79.04 0.99 -2.19	73.37 0.83 -3.05	64.17 0.61 -8.00	62.00 0.44 -6.18	60.98 0.39 -5.27	61.85 0.39 -6.14	64.07 0.55 -8.08	75.13 0.25 -11.26	78.62 0.00 -12.26	102.57 0.08 -19.06	97.51 0.00 -16.37	82.75 -0.07 -13.38	76.18 -0.06 -16.70	69.16 -0.22 -14.11	83.67 -0.23 -5.59	84.50 0.42 0.00
GOUDEY___8 23580	56.92 0.00 -1.31	55.46 -0.17 -0.19	55.60 0.28 0.00	55.37 0.22 0.00	55.82 0.44 0.00	57.71 0.85 0.00	78.53 1.24 0.00	80.86 0.47 -1.26	79.04 0.99 -2.19	73.37 0.83 -3.05	64.17 0.61 -8.00	62.00 0.44 -6.18	60.98 0.39 -5.27	61.85 0.39 -6.14	64.07 0.55 -8.08	75.13 0.25 -11.26	78.62 0.00 -12.26	102.57 0.08 -19.06	97.51 0.00 -16.37	82.75 -0.07 -13.38	76.18 -0.06 -16.70	69.16 -0.22 -14.11	83.67 -0.23 -5.59	84.50 0.42 0.00
GOWANUS_GT1_1 24077	64.62 5.12 -3.89	61.11 5.10 -0.58	60.42 5.09 -0.01	60.01 4.85 -0.01	60.42 5.04 -0.01	62.09 5.23 0.00	83.33 6.03 0.00	89.58 6.65 -3.80	89.29 6.75 -6.68	85.17 6.39 -9.30	84.93 5.00 -24.37	79.13 4.93 -18.83	76.30 4.92 -16.05	78.90 4.87 -18.71	84.98 4.93 -24.62	103.61 5.92 -34.08	123.17 6.24 -50.56	155.77 7.84 -64.49	140.37 7.38 -51.85	118.34 6.53 -42.37	118.08 5.66 -52.88	102.47 5.25 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
GOWANUS_GT1_2 24078	64.62 5.12 -3.89	61.11 5.10 -0.58	60.42 5.09 -0.01	60.01 4.85 -0.01	60.42 5.04 -0.01	62.09 5.23 0.00	83.33 6.03 0.00	89.58 6.65 -3.80	89.29 6.75 -6.68	85.17 6.39 -9.30	84.93 5.00 -24.37	79.13 4.93 -18.83	76.30 4.92 -16.05	78.90 4.87 -18.71	84.98 4.93 -24.62	103.61 5.92 -34.08	123.17 6.24 -50.56	155.77 7.84 -64.49	140.37 7.38 -51.85	118.34 6.53 -42.37	118.08 5.66 -52.88	102.47 5.25 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
GOWANUS_GT1_3 24079	64.62 5.12 -3.89	61.11 5.10 -0.58	60.42 5.09 -0.01	60.01 4.85 -0.01	60.42 5.04 -0.01	62.09 5.23 0.00	83.33 6.03 0.00	89.58 6.65 -3.80	89.29 6.75 -6.68	85.17 6.39 -9.30	84.93 5.00 -24.37	79.13 4.93 -18.83	76.30 4.92 -16.05	78.90 4.87 -18.71	84.98 4.93 -24.62	103.61 5.92 -34.08	123.17 6.24 -50.56	155.77 7.84 -64.49	140.37 7.38 -51.85	118.34 6.53 -42.37	118.08 5.66 -52.88	102.47 5.25 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
GOWANUS_GT1_4 24080	64.62 5.12 -3.89	61.11 5.10 -0.58	60.42 5.09 -0.01	60.01 4.85 -0.01	60.42 5.04 -0.01	62.09 5.23 0.00	83.33 6.03 0.00	89.58 6.65 -3.80	89.29 6.75 -6.68	85.17 6.39 -9.30	84.93 5.00 -24.37	79.13 4.93 -18.83	76.30 4.92 -16.05	78.90 4.87 -18.71	84.98 4.93 -24.62	103.61 5.92 -34.08	123.17 6.24 -50.56	155.77 7.84 -64.49	140.37 7.38 -51.85	118.34 6.53 -42.37	118.08 5.66 -52.88	102.47 5.25 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
GOWANUS_GT1_5 24084	64.62 5.12 -3.89	61.11 5.10 -0.58	60.42 5.09 -0.01	60.01 4.85 -0.01	60.42 5.04 -0.01	62.09 5.23 0.00	83.33 6.03 0.00	89.58 6.65 -3.80	89.29 6.75 -6.68	85.17 6.39 -9.30	84.93 5.00 -24.37	79.13 4.93 -18.83	76.30 4.92 -16.05	78.90 4.87 -18.71	84.98 4.93 -24.62	103.61 5.92 -34.08	123.17 6.24 -50.56	155.77 7.84 -64.49	140.37 7.38 -51.85	118.34 6.53 -42.37	118.08 5.66 -52.88	102.47 5.25 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
GOWANUS_GT1_6 24111	64.62 5.12 -3.89	61.11 5.10 -0.58	60.42 5.09 -0.01	60.01 4.85 -0.01	60.42 5.04 -0.01	62.09 5.23 0.00	83.33 6.03 0.00	89.58 6.65 -3.80	89.29 6.75 -6.68	85.17 6.39 -9.30	84.93 5.00 -24.37	79.13 4.93 -18.83	76.30 4.92 -16.05	78.90 4.87 -18.71	84.98 4.93 -24.62	103.61 5.92 -34.08	123.17 6.24 -50.56	155.77 7.84 -64.49	140.37 7.38 -51.85	118.34 6.53 -42.37	118.08 5.66 -52.88	102.47 5.25 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
GOWANUS_GT1_7 24112	64.62 5.12 -3.89	61.11 5.10 -0.58	60.42 5.09 -0.01	60.01 4.85 -0.01	60.42 5.04 -0.01	62.09 5.23 0.00	83.33 6.03 0.00	89.58 6.65 -3.80	89.29 6.75 -6.68	85.17 6.39 -9.30	84.93 5.00 -24.37	79.13 4.93 -18.83	76.30 4.92 -16.05	78.90 4.87 -18.71	84.98 4.93 -24.62	103.61 5.92 -34.08	123.17 6.24 -50.56	155.77 7.84 -64.49	140.37 7.38 -51.85	118.34 6.53 -42.37	118.08 5.66 -52.88	102.47 5.25 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
GOWANUS_GT1_8 24113	64.62 5.12 -3.89	61.11 5.10 -0.58	60.42 5.09 -0.01	60.01 4.85 -0.01	60.42 5.04 -0.01	62.09 5.23 0.00	83.33 6.03 0.00	89.58 6.65 -3.80	89.29 6.75 -6.68	85.17 6.39 -9.30	84.93 5.00 -24.37	79.13 4.93 -18.83	76.30 4.92 -16.05	78.90 4.87 -18.71	84.98 4.93 -24.62	103.61 5.92 -34.08	123.17 6.24 -50.56	155.77 7.84 -64.49	140.37 7.38 -51.85	118.34 6.53 -42.37	118.08 5.66 -52.88	102.47 5.25 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
GOWANUS_GT2_1 24114	64.62 5.11 -3.89	61.11 5.10 -0.58	60.41 5.09 -0.01	60.01 4.85 -0.01	60.42 5.04 -0.01	62.08 5.23 0.00	83.25 5.95 0.00	82.22 6.56 3.47	82.30 6.75 0.31	84.09 6.32 -8.29	68.73 5.00 -8.18	67.73 4.87 -7.48	67.72 4.92 -7.48	67.72 4.92 -7.48	68.73 4.88 -8.42	78.06 6.05 -8.40	68.64 6.31 4.04	100.27 7.84 -9.00	85.53 7.62 3.22	68.91 6.53 7.06	68.73 5.59 -3.60	76.64 5.19 -16.18	82.53 6.89 2.68	70.38 7.06 20.77
GOWANUS_GT2_2 24115	64.62 5.11 -3.89	61.11 5.10 -0.58	60.41 5.09 -0.01	60.01 4.85 -0.01	60.42 5.04 -0.01	62.08 5.23 0.00	83.25 5.95 0.00	82.22 6.56 3.47	82.30 6.75 0.31	84.09 6.32 -8.29	68.73 5.00 -8.18	67.73 4.87 -7.48	67.72 4.92 -7.48	67.72 4.92 -7.48	68.73 4.88 -8.42	78.06 6.05 -8.40	68.64 6.31 4.04	100.27 7.84 -9.00	85.53 7.62 3.22	68.91 6.53 7.06	68.73 5.59 -3.60	76.64 5.19 -16.18	82.53 6.89 2.68	70.38 7.06 20.77
GOWANUS_GT2_3 24116	64.62 5.11 -3.89	61.11 5.10 -0.58	60.41 5.09 -0.01	60.01 4.85 -0.01	60.42 5.04 -0.01	62.08 5.23 0.00	83.25 5.95 0.00	82.22 6.56 3.47	82.30 6.75 0.31	84.09 6.32 -8.29	68.73 5.00 -8.18	67.73 4.87 -7.48	67.72 4.92 -7.48	67.72 4.92 -7.48	68.73 4.88 -8.42	78.06 6.05 -8.40	68.64 6.31 4.04	100.27 7.84 -9.00	85.53 7.62 3.22	68.91 6.53 7.06	68.73 5.59 -3.60	76.64 5.19 -16.18	82.53 6.89 2.68	70.38 7.06 20.77

GOWANUS_GT2_4 24117	64.62 5.11 -3.89	61.11 5.10 -0.58	60.41 5.09 -0.01	60.01 4.85 -0.01	60.42 5.04 -0.01	62.08 5.23 0.00	83.25 5.95 0.00	82.22 6.56 3.47	82.30 6.75 0.31	84.09 6.32 -8.29	68.73 5.00 -8.18	67.73 4.87 -7.48	67.72 4.92 -7.48	67.72 4.92 -7.48	68.73 4.88 -8.42	78.06 6.05 -8.40	68.64 6.31 4.04	100.27 7.84 -9.00	85.53 7.62 3.22	68.91 6.53 7.06	68.73 5.59 -3.60	76.64 5.19 -16.18	82.53 6.89 2.68	70.38 7.06 20.77
GOWANUS_GT2_5 24118	64.62 5.11 -3.89	61.11 5.10 -0.58	60.41 5.09 -0.01	60.01 4.85 -0.01	60.42 5.04 -0.01	62.08 5.23 0.00	83.25 5.95 0.00	82.22 6.56 3.47	82.30 6.75 0.31	84.09 6.32 -8.29	68.73 5.00 -8.18	67.73 4.87 -7.48	67.72 4.92 -7.48	67.72 4.92 -7.48	68.73 4.88 -8.42	78.06 6.05 -8.40	68.64 6.31 4.04	100.27 7.84 -9.00	85.53 7.62 3.22	68.91 6.53 7.06	68.73 5.59 -3.60	76.64 5.19 -16.18	82.53 6.89 2.68	70.38 7.06 20.77
GOWANUS_GT2_6 24119	64.62 5.11 -3.89	61.11 5.10 -0.58	60.41 5.09 -0.01	60.01 4.85 -0.01	60.42 5.04 -0.01	62.08 5.23 0.00	83.25 5.95 0.00	82.22 6.56 3.47	82.30 6.75 0.31	84.09 6.32 -8.29	68.73 5.00 -8.18	67.73 4.87 -7.48	67.72 4.92 -7.48	67.72 4.92 -7.48	68.73 4.88 -8.42	78.06 6.05 -8.40	68.64 6.31 4.04	100.27 7.84 -9.00	85.53 7.62 3.22	68.91 6.53 7.06	68.73 5.59 -3.60	76.64 5.19 -16.18	82.53 6.89 2.68	70.38 7.06 20.77
GOWANUS_GT2_7 24120	64.62 5.11 -3.89	61.11 5.10 -0.58	60.41 5.09 -0.01	60.01 4.85 -0.01	60.42 5.04 -0.01	62.08 5.23 0.00	83.25 5.95 0.00	82.22 6.56 3.47	82.30 6.75 0.31	84.09 6.32 -8.29	68.73 5.00 -8.18	67.73 4.87 -7.48	67.72 4.92 -7.48	67.72 4.92 -7.48	68.73 4.88 -8.42	78.06 6.05 -8.40	68.64 6.31 4.04	100.27 7.84 -9.00	85.53 7.62 3.22	68.91 6.53 7.06	68.73 5.59 -3.60	76.64 5.19 -16.18	82.53 6.89 2.68	70.38 7.06 20.77
GOWANUS_GT2_8 24121	64.62 5.11 -3.89	61.11 5.10 -0.58	60.41 5.09 -0.01	60.01 4.85 -0.01	60.42 5.04 -0.01	62.08 5.23 0.00	83.25 5.95 0.00	82.22 6.56 3.47	82.30 6.75 0.31	84.09 6.32 -8.29	68.73 5.00 -8.18	67.73 4.87 -7.48	67.72 4.92 -7.48	67.72 4.92 -7.48	68.73 4.88 -8.42	78.06 6.05 -8.40	68.64 6.31 4.04	100.27 7.84 -9.00	85.53 7.62 3.22	68.91 6.53 7.06	68.73 5.59 -3.60	76.64 5.19 -16.18	82.53 6.89 2.68	70.38 7.06 20.77
GOWANUS_GT3_1 24122	64.68 5.17 -3.89	61.11 5.10 -0.58	60.47 5.15 -0.01	60.07 4.91 -0.01	60.47 5.09 -0.01	62.08 5.23 0.00	83.33 6.03 0.00	89.59 6.65 -3.81	89.29 6.75 -6.68	85.17 6.39 -9.31	84.95 5.00 -24.39	79.09 4.87 -18.84	76.36 4.98 -16.06	79.03 4.98 -18.73	84.95 4.88 -24.64	103.76 6.05 -34.11	123.21 6.31 -50.53	155.71 7.84 -64.44	140.56 7.62 -51.81	118.30 6.53 -42.33	118.03 5.66 -52.84	102.41 5.19 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
GOWANUS_GT3_2 24123	64.68 5.17 -3.89	61.11 5.10 -0.58	60.47 5.15 -0.01	60.07 4.91 -0.01	60.47 5.09 -0.01	62.08 5.23 0.00	83.33 6.03 0.00	89.59 6.65 -3.81	89.29 6.75 -6.68	85.17 6.39 -9.31	84.95 5.00 -24.39	79.09 4.87 -18.84	76.36 4.98 -16.06	79.03 4.98 -18.73	84.95 4.88 -24.64	103.76 6.05 -34.11	123.21 6.31 -50.53	155.71 7.84 -64.44	140.56 7.62 -51.81	118.30 6.53 -42.33	118.03 5.66 -52.84	102.41 5.19 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
GOWANUS_GT3_3 24124	64.68 5.17 -3.89	61.11 5.10 -0.5																						

GOWANUS_GT4_3 24132	64.62 5.12 -3.89	61.11 5.10 -0.58	60.36 5.03 -0.01	59.96 4.80 -0.01	60.37 4.98 -0.01	62.09 5.23 0.00	83.25 5.95 0.00	82.23 6.57 3.47	82.30 6.75 0.31	84.08 6.32 -8.28	68.66 4.94 -8.16	67.77 4.93 -7.47	67.72 4.92 -7.47	67.66 4.87 -7.47	68.71 4.88 -8.41	77.91 5.92 -8.38	68.53 6.17 4.01	100.24 7.76 -9.05	85.34 7.38 3.18	68.88 6.46 7.02	68.78 5.60 -3.65	76.64 5.20 -16.18	82.53 6.89 2.68	70.38 7.06 20.77
GOWANUS_GT4_4 24133	64.62 5.12 -3.89	61.11 5.10 -0.58	60.36 5.03 -0.01	59.96 4.80 -0.01	60.37 4.98 -0.01	62.09 5.23 0.00	83.25 5.95 0.00	82.23 6.57 3.47	82.30 6.75 0.31	84.08 6.32 -8.28	68.66 4.94 -8.16	67.77 4.93 -7.47	67.72 4.92 -7.47	67.66 4.87 -7.47	68.71 4.88 -8.41	77.91 5.92 -8.38	68.53 6.17 4.01	100.24 7.76 -9.05	85.34 7.38 3.18	68.88 6.46 7.02	68.78 5.60 -3.65	76.64 5.20 -16.18	82.53 6.89 2.68	70.38 7.06 20.77
GOWANUS_GT4_5 24134	64.62 5.12 -3.89	61.11 5.10 -0.58	60.36 5.03 -0.01	59.96 4.80 -0.01	60.37 4.98 -0.01	62.09 5.23 0.00	83.25 5.95 0.00	82.23 6.57 3.47	82.30 6.75 0.31	84.08 6.32 -8.28	68.66 4.94 -8.16	67.77 4.93 -7.47	67.72 4.92 -7.47	67.66 4.87 -7.47	68.71 4.88 -8.41	77.91 5.92 -8.38	68.53 6.17 4.01	100.24 7.76 -9.05	85.34 7.38 3.18	68.88 6.46 7.02	68.78 5.60 -3.65	76.64 5.20 -16.18	82.53 6.89 2.68	70.38 7.06 20.77
GOWANUS_GT4_6 24135	64.62 5.12 -3.89	61.11 5.10 -0.58	60.36 5.03 -0.01	59.96 4.80 -0.01	60.37 4.98 -0.01	62.09 5.23 0.00	83.25 5.95 0.00	82.23 6.57 3.47	82.30 6.75 0.31	84.08 6.32 -8.28	68.66 4.94 -8.16	67.77 4.93 -7.47	67.72 4.92 -7.47	67.66 4.87 -7.47	68.71 4.88 -8.41	77.91 5.92 -8.38	68.53 6.17 4.01	100.24 7.76 -9.05	85.34 7.38 3.18	68.88 6.46 7.02	68.78 5.60 -3.65	76.64 5.20 -16.18	82.53 6.89 2.68	70.38 7.06 20.77
GOWANUS_GT4_7 24136	64.62 5.12 -3.89	61.11 5.10 -0.58	60.36 5.03 -0.01	59.96 4.80 -0.01	60.37 4.98 -0.01	62.09 5.23 0.00	83.25 5.95 0.00	82.23 6.57 3.47	82.30 6.75 0.31	84.08 6.32 -8.28	68.66 4.94 -8.16	67.77 4.93 -7.47	67.72 4.92 -7.47	67.66 4.87 -7.47	68.71 4.88 -8.41	77.91 5.92 -8.38	68.53 6.17 4.01	100.24 7.76 -9.05	85.34 7.38 3.18	68.88 6.46 7.02	68.78 5.60 -3.65	76.64 5.20 -16.18	82.53 6.89 2.68	70.38 7.06 20.77
GOWANUS_GT4_8 24137	64.62 5.12 -3.89	61.11 5.10 -0.58	60.36 5.03 -0.01	59.96 4.80 -0.01	60.37 4.98 -0.01	62.09 5.23 0.00	83.25 5.95 0.00	82.23 6.57 3.47	82.30 6.75 0.31	84.08 6.32 -8.28	68.66 4.94 -8.16	67.77 4.93 -7.47	67.72 4.92 -7.47	67.66 4.87 -7.47	68.71 4.88 -8.41	77.91 5.92 -8.38	68.53 6.17 4.01	100.24 7.76 -9.05	85.34 7.38 3.18	68.88 6.46 7.02	68.78 5.60 -3.65	76.64 5.20 -16.18	82.53 6.89 2.68	70.38 7.06 20.77
GREENBSH_115KV_TB3 55895	62.86 2.17 -5.08	58.34 2.16 -0.75	57.48 2.16 0.00	57.14 1.99 0.00	57.48 2.10 0.00	59.19 2.33 0.00	80.16 2.86 0.00	86.96 2.85 -4.98	87.41 2.81 -8.74	84.23 2.57 -12.18	89.58 2.11 -31.92	82.14 2.10 -24.66	78.44 2.10 -21.02	81.93 2.10 -24.51	89.78 2.11 -32.24	110.28 2.04 -44.63	112.48 2.06 -44.05	162.49 2.50 -76.56	151.39 2.43 -67.82	126.95 2.08 -55.42	130.44 1.73 -69.17	111.76 1.60 -54.89	102.56 2.51 -21.75	87.28 3.20 0.00
GREENIDGE_115KV_TB5 80291	55.57 -0.83 -0.80	54.44 -1.11 -0.12	54.38 -0.94 0.00	54.21 -0.94 0.00	54.77 -0.61 0.00	56.97 0.11 0.00	77.76 0.46 0.00	79.41 -0.47 -0.76	76.20 -0.99 -1.33	70.22 -1.11 -1.85	59.51 -0.89 -4.84	58.01 -1.11 -3.74	57.29 -1.22 -3.19	57.82 -1.22 -3.72	59.38 -0.94 -4.89	69.69 -0.70 -6.78	62.09 -0.80 3.49	75.33 -0.92 7.18	73.66 -0.89 6.58	63.10 -0.97 5.36	51.73 -1.01 6.80	48.61 -1.22 5.44	74.80 -1.41 2.10	83.07 -1.01 0.00
GREENIDGE___3 23582	55.57 -0.83 -0.80	54.44 -1.11 -0.12	54.38 -0.94 0.00	54.21 -0.94 0.00	54.77 -0.61 0.00	56.97 0.11 0.00	77.76 0.46 0.00	79.41 -0.47 -0.76	76.20 -0.99 -1.33	70.22 -1.11 -1.85	59.51 -0.89 -4.84	58.01 -1.11 -3.74	57.29 -1.22 -3.19	57.82 -1.22 -3.72	59.38 -0.94 -4.89	69.69 -0.70 -6.78	62.09 -0.80 3.49	75.33 -0.92 7.18	73.66 -0.89 6.58	63.10 -0.97 5.36	51.73 -1.01 6.80	48.61 -1.22 5.44	74.80 -1.41 2.10	83.07 -1.01 0.00
GREENIDGE___4 23583	55.58 -0.83 -0.80	54.44 -1.11 -0.12	54.38 -0.94 0.00	54.21 -0.94 0.00	54.77 -0.61 0.00	56.97 0.11 0.00	77.69 0.39 0.00	79.41 -0.47 -0.75	76.18 -0.99 -1.31	70.19 -1.11 -1.82	59.44 -0.89 -4.77	57.96 -1.11 -3.69	57.25 -1.22 -3.14	57.82 -1.16 -3.67	59.26 -1.00 -4.82	69.59 -0.70 -6.68	62.17 -0.86 3.33	75.60 -0.92 6.92	73.89 -0.89 6.35	63.29 -0.97 5.17	51.96 -1.01 6.56	49.05 -0.77 5.44	74.81 -1.41 2.10	83.08 -1.01 0.00
GREENLWN_69_KV_BK 3 55738	90.56 5.95 -29.00	74.98 5.88 -13.67	71.46 5.86 -10.27	70.06 5.63 -9.28	74.65 5.81 -13.46	74.27 6.20 -11.21	106.12 7.73 -21.10	127.06 8.39 -39.54	109.08 8.34 -24.88	87.12 7.64 -10.00	85.49 5.56 -24.38	79.52 5.32 -18.83	76.63 5.26 -16.05	79.40 5.37 -18.72	85.49 5.43 -24.63	107.60 7.06 -36.93	132.34 7.43 -58.54	156.95 9.01 -64.50	141.51 8.52 -51.86	131.68 7.64 -54.61	126.06 6.61 -59.92	118.63 6.02 -57.34	110.02 8.07 -23.64	102.75 8.32 -10.35
GREENWD_138_KV_38B11_REV_LBMP_J 345004	64.62 5.12 -3.89	61.11 5.10 -0.58	60.42 5.09 -0.01	60.01 4.85 -0.01	60.42 5.04 -0.01	62.09 5.23 0.00	83.33 6.03 0.00	89.58 6.65 -3.80	89.29 6.75 -6.68	85.17 6.39 -9.30	84.93 5.00 -24.37	79.13 4.93 -18.83	76.30 4.92 -16.05	78.90 4.87 -18.71	84.98 4.93 -24.62	103.61 5.92 -34.08	123.17 6.24 -50.56	155.77 7.84 -64.49	140.37 7.38 -51.85	118.34 6.53 -42.37	118.08 5.66 -52.88	102.47 5.25 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
GRISSOM___SOLAR 323813	64.93 3.73 -5.60	59.97 3.71 -0.83	58.91 3.59 0.00	58.63 3.48 0.00	59.03 3.65 0.00	61.00 4.15 0.00	83.40 6.11 0.00	90.71 6.09 -5.49	91.11 5.61 -9.63	87.41 4.51 -13.42	93.88 3.16 -35.16	85.30 2.77 -27.16	81.19 2.71 -23.16	85.25 2.93 -26.99	93.94 2.99 -35.52	116.85 4.07 -49.16	119.84 4.71 -48.76	174.20 6.42 -84.34	162.33 6.57 -74.63	135.91 5.48 -60.99	140.30 4.65 -76.12	119.90 4.20 -60.43	108.05 5.80 -23.94	89.88 5.80 0.00
GROVEVILLE___HYD 323602	64.50 5.00 -3.89	60.88 4.88 -0.57	60.13 4.81 0.00	59.67 4.52 0.00	60.14 4.76 0.00	62.09 5.23 0.00	84.10 6.80 0.00	90.22 7.28 -3.81	89.83 7.28 -6.68	85.11 6.32 -9.31	84.79 4.83 -24.41	78.94 4.71 -18.85	76.10 4.70 -16.07	78.76 4.70 -18.74	84.96 4.88 -24.65	103.65 5.92 -34.13	122.95 6.50 -50.08	156.16 8.34 -64.38	141.16 8.11 -51.92	118.53 6.67 -42.43	118.20 5.72 -52.95	102.47 5.20 -42.00	101.85 6.89 -16.64	91.15 7.06 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	55.64 -0.39 -0.42	54.99 -0.50 -0.06	54.71 -0.61 0.00	54.16 -0.99 0.00	54.38 -1.00 0.00	56.23 -0.63 0.00	76.52 -0.77 0.00	78.67 -0.87 -0.41	75.52 -1.06 -0.72	69.57 -0.90 -1.00	57.45 -0.72 -2.61	56.56 -0.83 -2.02	56.16 -0.89 -1.72	56.44 -0.89 -2.01	57.29 -0.78 -2.64	66.50 -0.76 -3.65	69.54 -0.86 -4.04	88.67 -1.08 -6.33	85.45 -1.14 -5.45	72.85 -1.04 -4.45	64.08 -1.01 -5.56	58.72 -1.05 -4.49	78.84 -1.25 -1.78	82.74 -1.35 0.00

HAMLTNNY_34_KV_TB 80303	55.72 -0.33 -0.44	55.05 -0.44 -0.07	54.77 -0.55 0.00	54.38 -0.77 0.00	54.71 -0.66 0.00	56.57 -0.28 0.00	77.06 -0.23 0.00	79.17 -0.40 -0.43	76.02 -0.61 -0.76	69.98 -0.56 -1.06	57.89 -0.44 -2.78	56.97 -0.55 -2.15	56.54 -0.61 -1.83	56.84 -0.61 -2.13	57.74 -0.50 -2.81	67.11 -0.38 -3.88	70.19 -0.46 -4.29	89.57 -0.58 -6.72	86.35 -0.57 -5.79	73.54 -0.62 -4.73	64.72 -0.71 -5.90	59.27 -0.77 -4.78	79.42 -0.78 -1.89	83.24 -0.84 0.00
HAMPSHIRE___PAPER_HYD 323593	61.19 -1.34 -6.91	61.10 -1.17 -6.84	61.03 -1.11 -6.81	60.92 -1.05 -6.81	60.90 -1.27 -6.80	62.05 -1.70 -6.90	84.89 -1.55 -9.13	87.50 -1.11 -9.48	83.84 -1.22 -9.19	76.99 -0.76 -8.28	61.96 -0.89 -7.29	61.74 -0.78 -7.14	60.91 -0.83 -6.41	60.99 -0.83 -6.49	55.10 -1.00 -0.66	63.79 -0.95 -1.14	66.44 -0.86 -0.94	84.12 -0.92 -1.60	81.74 -0.81 -1.42	69.97 -0.63 -1.16	60.57 -0.41 -1.44	55.92 -0.50 -1.15	77.83 -0.94 -0.45	82.65 -1.43 0.00
HARDSCRABBLE_WT_PWR 323673	56.28 0.67 0.00	56.04 0.61 0.00	55.93 0.61 0.00	55.76 0.61 0.00	56.09 0.72 0.00	57.76 0.91 0.00	78.76 1.46 0.00	80.63 1.50 0.00	77.53 1.67 0.00	71.22 1.74 0.00	56.83 1.28 0.00	56.54 1.16 0.00	56.20 0.88 0.00	56.15 0.83 0.00	56.21 0.78 0.00	64.76 1.15 0.00	67.63 1.26 0.00	85.35 1.92 0.00	83.24 2.11 0.00	71.38 1.94 0.00	61.14 1.61 0.00	56.76 1.49 0.00	80.50 2.19 0.00	86.52 2.44 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	63.37 4.12 -3.65	60.02 4.05 -0.54	59.30 3.98 0.00	58.90 3.75 0.00	59.31 3.93 0.00	61.18 4.32 0.00	82.78 5.49 0.00	88.64 5.93 -3.57	88.12 5.99 -6.27	83.56 5.35 -8.73	82.54 4.11 -22.88	77.04 3.99 -17.67	74.37 3.98 -17.57	76.87 3.98 -17.57	82.64 4.10 -23.11	100.63 5.03 -31.99	118.68 5.51 -46.80	150.67 6.92 -60.31	136.47 6.65 -48.68	114.77 5.56 -39.78	113.95 4.76 -49.65	98.96 4.31 -39.38	99.63 5.72 -15.60	89.97 5.89 0.00
HARSNRAD_115KV_TB1 81005	52.31 -3.89 -0.59	51.19 -4.32 -0.09	50.78 -4.54 0.00	50.90 -4.25 0.00	51.72 -3.65 0.00	53.90 -2.96 0.00	72.27 -5.02 0.00	71.22 -8.39 -0.48	68.20 -8.50 -0.84	62.93 -7.71 -1.17	52.71 -5.89 -3.05	51.58 -6.15 -2.35	51.02 -6.31 -2.01	51.41 -6.25 -2.34	52.30 -6.21 -3.08	61.00 -6.87 -4.26	61.48 -7.30 -2.41	76.28 -10.43 -3.27	73.94 -9.90 -2.70	62.76 -8.89 -2.21	54.29 -7.98 -2.73	50.33 -7.13 -2.19	70.66 -8.54 -0.88	75.51 -8.58 0.00
HARZA MOOSE___RIVER 24016	58.14 0.50 -2.03	57.80 0.44 -1.92	57.66 0.44 -1.90	57.44 0.39 -1.90	57.71 0.44 -1.90	59.40 0.63 -1.92	81.47 1.62 -2.55	83.85 1.98 -2.74	80.35 1.74 -2.74	73.98 1.95 -2.56	59.13 0.89 -2.69	58.70 0.83 -2.50	58.26 0.72 -2.22	58.46 0.83 -2.31	57.11 0.83 -0.84	66.49 1.65 -1.23	69.32 1.79 -1.16	87.83 2.42 -1.98	85.31 2.43 -1.74	72.88 2.01 -1.42	62.92 1.61 -1.78	57.92 1.22 -1.44	80.45 1.57 -0.57	85.09 1.01 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	55.15 -0.83 -0.38	54.54 -0.94 -0.06	54.27 -1.05 0.00	53.99 -1.16 0.00	54.32 -1.05 0.00	56.12 -0.74 0.00	76.37 -0.93 0.00	78.39 -1.11 -0.37	75.30 -1.21 -0.65	69.34 -1.04 -0.90	57.08 -0.83 -2.36	56.26 -0.94 -1.82	55.88 -1.00 -1.55	56.14 -1.00 -1.81	56.93 -0.89 -2.38	66.02 -0.89 -3.30	69.03 -1.00 -3.66	87.83 -1.33 -5.73	84.77 -1.30 -4.94	72.23 -1.25 -4.04	63.38 -1.19 -5.04	58.17 -1.16 -4.06	78.59 -1.33 -1.61	82.65 -1.43 0.00
HELLGATE_13_KV_LD 55870	64.73 5.23 -3.89	61.22 5.21 -0.58	60.47 5.14 -0.01	60.12 4.96 -0.01	60.48 5.09 -0.01	62.26 5.40 0.00	83.48 6.18 0.00	89.66 6.73 -3.80	89.37 6.83 -6.68	85.24 6.46 -9.30	84.93 5.00 -24.37	79.19 4.98 -18.83	76.35 4.98 -16.05	78.96 4.92 -18.71	85.04 4.99 -24.62	103.61 5.92 -34.08	123.10 6.17 -50.56	155.68 7.76 -64.49	140.29 7.30 -51.85	118.27 6.46 -42.37	118.08 5.66 -52.88	102.47 5.25 -41.95	102.06 7.13 -16.62	91.32 7.23 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	64.73 5.23 -3.89	61.22 5.21 -0.58	60.47 5.14 -0.01	60.12 4.96 -0.01	60.48 5.09 -0.01	62.26 5.40 0.00	83.48 6.18 0.00	89.66 6.73 -3.80	89.37 6.83 -6.68	85.24 6.46 -9.30	84.93 5.00 -24.37	79.19 4.98 -18.83	76.35 4.98 -16.05	78.96 4.92 -18.71	85.04 4.99 -24.62	103.61 5.92 -34.08	123.10 6.17 -50.56	155.68 7.76 -64.49	140.29 7.30 -51.85	118.27 6.46 -42.37	118.08 5.66 -52.88	102.47 5.25 -41.95	102.06 7.13 -16.62	91.32 7.23 0.00
HEMPSTEAD____ 23647	89.83 5.23 -28.99	74.26 5.16 -13.67	70.79 5.20 -10.27	69.40 4.97 -9.28	73.98 5.15 -13.46	73.52 5.46 -11.21	105.20 6.80 -21.10	126.03 7.36 -39.54	108.18 7.44 -24.88	86.30 6.81 -10.01	85.28 5.33 -24.39	79.26 5.04 -18.84	76.53 5.15 -16.07	79.36 5.31 -18.73	85.12 5.04 -24.64	106.86 6.30 -36.95	131.51 6.64 -58.51	156.14 8.26 -64.45	140.98 8.03 -51.81	130.82 6.81 -54.57	125.30 5.90 -59.87	118.03 5.42 -57.34	109.15 7.20 -23.64	101.91 7.48 -10.35
HEWLETT_69_KV_BK3 55828	90.38 5.78 -28.99	74.81 5.71 -13.67	71.29 5.70 -10.27	69.89 5.46 -9.28	74.48 5.65 -13.45	74.09 6.03 -11.21	105.89 7.50 -21.10	126.58 7.91 -39.54	108.62 7.89 -24.87	86.91 7.43 -10.00	85.54 5.61 -24.38	79.58 5.37 -18.83	76.69 5.31 -16.05	79.46 5.42 -18.72	85.60 5.54 -24.63	107.41 6.87 -36.93	132.14 7.23 -58.54	156.78 8.84 -64.50	141.35 8.36 -51.86	131.48 7.43 -54.61	125.83 6.37 -59.92	118.47 5.86 -57.34	109.86 7.91 -23.64	103.01 8.58 -10.35
HICKLING___1 23621	55.69 -0.95 -1.03	54.36 -1.22 -0.15	54.93 -0.39 0.00	54.82 -0.33 0.00	55.32 -0.06 0.00	57.59 0.74 0.00	78.38 1.08 0.00	79.62 -0.47 -0.97	76.65 -0.91 -1.70	70.87 -0.97 -2.36	60.91 -0.83 -6.19	59.16 -1.00 -4.78	58.29 -1.11 -4.08	59.02 -1.05 -4.76	60.85 -0.83 -6.26	71.58 -0.70 -8.67	64.26 -1.13 0.98	78.85 -1.33 3.24	76.57 -1.38 3.19	65.60 -1.25 2.59	55.19 -1.01 3.33	51.35 -1.22 2.70	75.57 -1.72 1.01	83.58 -0.50 0.00
HICKLING___2 23622	55.69 -0.95 -1.03	54.36 -1.22 -0.15	54.93 -0.39 0.00	54.82 -0.33 0.00	55.32 -0.06 0.00	57.59 0.74 0.00	78.38 1.08 0.00	79.62 -0.47 -0.97	76.65 -0.91 -1.70	70.87 -0.97 -2.36	60.91 -0.83 -6.19	59.16 -1.00 -4.78	58.29 -1.11 -4.08	59.02 -1.05 -4.76	60.85 -0.83 -6.26	71.58 -0.70 -8.67	64.26 -1.13 0.98	78.85 -1.33 3.24	76.57 -1.38 3.19	65.60 -1.25 2.59	55.19 -1.01 3.33	51.35 -1.22 2.70	75.57 -1.72 1.01	83.58 -0.50 0.00
HIGH FALLS___HY 23754	65.23 5.73 -3.89	61.60 5.60 -0.57	60.80 5.48 0.00	60.28 5.13 0.00	60.75 5.37 0.00	62.82 5.97 0.00	85.26 7.96 0.00	91.64 8.70 -3.81	91.20 8.65 -6.69	86.02 7.23 -9.31	85.35 5.39 -24.41	79.38 5.15 -18.85	76.59 5.20 -16.07	79.26 5.20 -18.74	85.52 5.43 -24.66	104.61 6.87 -34.13	120.57 7.57 -46.64	156.70 10.10 -63.17	142.87 9.82 -51.92	119.85 7.99 -42.43	119.28 6.79 -52.96	103.41 6.14 -42.01	103.02 8.07 -16.64	92.07 7.99 0.00
HIGH_RIVER___SOLAR 323847	63.70 2.67 -5.42	58.89 2.66 -0.80	57.87 2.55 0.00	57.58 2.42 0.00	57.98 2.60 0.00	59.75 2.90 0.00	81.39 4.09 0.00	88.56 4.11 -5.31	88.98 3.79 -9.32	85.38 2.92 -12.99	91.54 1.94 -34.04	83.44 1.77 -26.29	79.56 1.82 -22.42	83.34 1.88 -26.13	91.81 1.99 -34.38	114.14 2.93 -47.60	116.74 3.38 -46.99	169.50 4.50 -81.56	157.83 4.46 -72.23	132.21 3.75 -59.03	136.36 3.15 -73.67	116.63 2.87 -58.49	105.48 3.99 -23.17	88.20 4.12 0.00

HILLBURN___GT 23639	63.42 4.12 -3.70	60.02 4.04 -0.55	59.36 4.04 0.00	58.95 3.80 0.00	59.36 3.99 0.00	61.17 4.32 0.00	82.63 5.33 0.00	88.69 5.94 -3.62	88.21 5.99 -6.36	83.76 5.42 -8.86	83.04 4.28 -23.21	77.40 4.10 -17.93	74.76 4.15 -15.29	77.29 4.15 -17.82	83.04 4.16 -23.45	101.16 5.09 -32.46	119.38 5.44 -47.57	151.42 6.84 -61.14	137.09 6.65 -49.30	115.28 5.56 -40.29	114.58 4.76 -50.28	99.51 4.31 -39.92	99.84 5.71 -15.82	89.88 5.80 0.00
HILLSIDE_115KV_TB1 80332	55.12 -1.56 -1.07	53.81 -1.77 -0.16	54.44 -0.89 0.00	54.32 -0.83 0.00	54.82 -0.55 0.00	56.91 0.06 0.00	77.37 0.08 0.00	78.71 -1.42 -1.01	75.89 -1.74 -1.77	70.20 -1.74 -2.46	60.61 -1.39 -6.44	58.80 -1.55 -4.98	57.96 -1.60 -4.24	58.66 -1.60 -4.95	60.50 -1.44 -6.51	71.23 -1.40 -9.02	64.35 -1.99 0.03	79.43 -2.34 1.66	76.98 -2.35 1.80	65.89 -2.08 1.46	55.95 -1.67 1.92	51.89 -1.82 1.56	75.08 -2.66 0.57	82.65 -1.43 0.00
HISHELDN_WT_PWR 323625	52.48 -3.84 -0.71	51.38 -4.16 -0.10	51.73 -3.59 0.00	51.84 -3.31 0.00	52.66 -2.71 0.00	54.98 -1.87 0.00	74.12 -3.17 0.00	73.47 -6.25 -0.59	70.52 -6.37 -1.03	64.93 -5.98 -1.43	54.69 -4.61 -3.74	53.39 -4.87 -2.89	52.75 -5.03 -2.47	53.27 -4.92 -2.87	54.22 -4.99 -3.78	63.50 -5.34 -5.23	62.23 -6.10 -1.96	77.73 -8.01 -2.31	75.16 -7.79 -1.81	64.05 -6.88 -1.49	55.40 -5.95 -1.82	51.04 -5.58 -1.35	71.59 -7.28 -0.56	78.12 -5.97 0.00
HOLTSVILLE_IC_1 23690	91.83 7.23 -29.00	76.26 7.15 -13.67	72.84 7.25 -10.27	71.44 7.01 -9.28	76.03 7.20 -13.46	75.69 7.62 -11.21	108.13 9.74 -21.10	128.89 10.21 -39.55	110.84 10.09 -24.88	88.59 9.10 -10.01	86.61 6.66 -24.39	80.31 6.09 -18.84	77.58 6.19 -16.07	80.46 6.41 -18.73	86.01 5.93 -24.64	108.13 7.57 -36.95	132.84 7.96 -58.51	157.72 9.84 -64.45	142.60 9.65 -51.81	132.27 8.26 -54.57	126.55 7.14 -59.87	119.13 6.52 -57.34	110.96 9.00 -23.64	103.68 9.25 -10.35
HOLTSVILLE_IC_10 23699	92.23 7.62 -29.00	76.64 7.54 -13.67	73.23 7.64 -10.27	71.83 7.39 -9.28	76.42 7.59 -13.46	76.09 8.02 -11.21	108.68 10.28 -21.10	129.52 10.84 -39.55	111.44 10.70 -24.88	89.14 9.65 -10.01	87.06 7.11 -24.39	80.70 6.48 -18.84	77.97 6.58 -16.07	80.85 6.80 -18.73	86.39 6.32 -24.64	108.58 8.01 -36.95	133.38 8.50 -58.51	158.48 10.60 -64.45	143.33 10.39 -51.81	132.83 8.82 -54.57	127.03 7.62 -59.87	119.51 6.91 -57.34	111.51 9.55 -23.64	104.35 9.92 -10.35
HOLTSVILLE_IC_2 23691	91.83 7.23 -29.00	76.26 7.15 -13.67	72.84 7.25 -10.27	71.44 7.01 -9.28	76.03 7.20 -13.46	75.69 7.62 -11.21	108.13 9.74 -21.10	128.89 10.21 -39.55	110.84 10.09 -24.88	88.59 9.10 -10.01	86.61 6.66 -24.39	80.31 6.09 -18.84	77.58 6.19 -16.07	80.46 6.41 -18.73	86.01 5.93 -24.64	108.13 7.57 -36.95	132.84 7.96 -58.51	157.72 9.84 -64.45	142.60 9.65 -51.81	132.27 8.26 -54.57	126.55 7.14 -59.87	119.13 6.52 -57.34	110.96 9.00 -23.64	103.68 9.25 -10.35
HOLTSVILLE_IC_3 23692	91.83 7.23 -29.00	76.26 7.15 -13.67	72.84 7.25 -10.27	71.44 7.01 -9.28	76.03 7.20 -13.46	75.69 7.62 -11.21	108.13 9.74 -21.10	128.89 10.21 -39.55	110.84 10.09 -24.88	88.59 9.10 -10.01	86.61 6.66 -24.39	80.31 6.09 -18.84	77.58 6.19 -16.07	80.46 6.41 -18.73	86.01 5.93 -24.64	108.13 7.57 -36.95	132.84 7.96 -58.51	157.72 9.84 -64.45	142.60 9.65 -51.81	132.27 8.26 -54.57	126.55 7.14 -59.87	119.13 6.52 -57.34	110.96 9.00 -23.64	103.68 9.25 -10.35
HOLTSVILLE_IC_4 23693	91.83 7.23 -29.00	76.26 7.15 -13.67	72.84 7.25 -10.27	71.44 7.01 -9.28	76.03 7.20 -13.46	75.69 7.62 -11.21	108.13 9.74 -21.10	128.89 10.21 -39.55	110.84 10.09 -24.88	88.59 9.10 -10.01	86.61 6.66 -24.39	80.31 6.09 -18.84	77.58 6.19 -16.07	80.46 6.41 -18.73	86.01 5.93 -24.64	108.13 7.57 -36.95	132.84 7.96 -58.51	157.72 9.84 -64.45	142.60 9.65 -51.81	132.27 8.26 -54.57	126.55 7.14 -59.87	119.13 6.52 -57.34	110.96 9.00 -23.64	103.68 9.25 -10.35
HOLTSVILLE_IC_5 23694	91.83 7.23 -29.00	76.26 7.15 -13.67	72.84 7.25 -10.27	71.44 7.01 -9.28	76.03 7.20 -13.46	75.69 7.62 -11.21	108.13 9.74 -21.10	128.89 10.21 -39.55	110.84 10.09 -24.88	88.59 9.10 -10.01	86.61 6.66 -24.39	80.31 6.09 -18.84	77.58 6.19 -16.07	80.46 6.41 -18.73	86.01 5.93 -24.64	108.13 7.57 -36.95	132.84 7.96 -58.51	157.72 9.84 -64.45	142.60 9.65 -51.81	132.27 8.26 -54.57	126.55 7.14 -59.87	119.13 6.52 -57.34	110.96 9.00 -23.64	103.68 9.25 -10.35
HOLTSVILLE_IC_6 23695	92.23 7.62 -29.00	76.64 7.54 -13.67	73.23 7.64 -10.27	71.83 7.39 -9.28	76.42 7.59 -13.46	76.09 8.02 -11.21	108.68 10.28 -21.10	129.52 10.84 -39.55	111.44 10.70 -24.88	89.14 9.65 -10.01	87.06 7.11 -24.39	80.70 6.48 -18.84	77.97 6.58 -16.07	80.85 6.80 -18.73	86.39 6.32 -24.64	108.58 8.01 -36.95	133.38 8.50 -58.51	158.48 10.60 -64.45	143.33 10.39 -51.81	132.83 8.82 -54.57	127.03 7.62 -59.87	119.51 6.91 -57.34	111.51 9.55 -23.64	104.35 9.92 -10.35
HOLTSVILLE_IC_7 23696	92.23 7.62 -29.00	76.64 7.54 -13.67	73.23 7.64 -10.27	71.83 7.39 -9.28	76.42 7.59 -13.46	76.09 8.02 -11.21	108.68 10.28 -21.10	129.52 10.84 -39.55	111.44 10.70 -24.88	89.14 9.65 -10.01	87.06 7.11 -24.39	80.70 6.48 -18.84	77.97 6.58 -16.07	80.85 6.80 -18.73	86.39 6.32 -24.64	108.58 8.01 -36.95	133.38 8.50 -58.51	158.48 10.60 -64.45	143.33 10.39 -51.81	132.83 8.82 -54.57	127.03 7.62 -59.87	119.51 6.91 -57.34	111.51 9.55 -23.64	104.35 9.92 -10.35
HOLTSVILLE_IC_8 23697	92.23 7.62 -29.00	76.64 7.54 -13.67	73.23 7.64 -10.27	71.83 7.39 -9.28	76.42 7.59 -13.46	76.09 8.02 -11.21	108.68 10.28 -21.10	129.52 10.84 -39.55	111.44 10.70 -24.88	89.14 9.65 -10.01	87.06 7.11 -24.39	80.70 6.48 -18.84	77.97 6.58 -16.07	80.85 6.80 -18.73	86.39 6.32 -24.64	108.58 8.01 -36.95	133.38 8.50 -58.51	158.48 10.60 -64.45	143.33 10.39 -51.81	132.83 8.82 -54.57	127.03 7.62 -59.87	119.51 6.91 -57.34	111.51 9.55 -23.64	104.35 9.92 -10.35
HOLTSVILLE_IC_9 23698	92.23 7.62 -29.00	76.64 7.54 -13.67	73.23 7.64 -10.27	71.83 7.39 -9.28	76.42 7.59 -13.46	76.09 8.02 -11.21	108.68 10.28 -21.10	129.52 10.84 -39.55	111.44 10.70 -24.88	89.14 9.65 -10.01	87.06 7.11 -24.39	80.70 6.48 -18.84	77.97 6.58 -16.07	80.85 6.80 -18.73	86.39 6.32 -24.64	108.58 8.01 -36.95	133.38 8.50 -58.51	158.48 10.60 -64.45	143.33 10.39 -51.81	132.83 8.82 -54.57	127.03 7.62 -59.87	119.51 6.91 -57.34	111.51 9.55 -23.64	104.35 9.92 -10.35
HOMER_HL_115KV_TB2 355744	51.22 -5.12 -0.73	49.99 -5.54 -0.11	53.61 -1.71 0.00	53.72 -1.43 0.00	54.60 -0.78 0.00	56.97 0.11 0.00	77.06 -0.23 0.00	75.08 -4.67 -0.62	72.47 -4.48 -1.08	66.53 -4.45 -1.50	55.98 -3.50 -3.92	54.81 -3.60 -3.03	54.20 -3.71 -2.58	54.63 -3.71 -3.01	55.84 -3.55 -3.96	65.28 -3.82 -5.49	62.72 -5.91 -2.26	79.72 -6.51 -2.79	76.47 -6.90 -2.23	65.85 -5.42 -1.83	57.91 -3.87 -2.25	52.75 -4.31 -1.79	71.45 -7.60 -0.73	81.56 -2.52 0.00
HOWARD_WT_PWR 323690	53.06 -3.39 -0.84	51.78 -3.77 -0.12	52.44 -2.88 0.00	52.40 -2.76 0.00	53.10 -2.27 0.00	55.66 -1.20 0.00	75.83 -1.47 0.00	76.65 -3.25 -0.76	73.56 -3.64 -1.34	67.59 -3.75 -1.86	57.77 -2.67 -4.88	56.15 -2.99 -3.77	55.44 -3.10 -3.22	56.25 -2.82 -3.75	57.92 -2.44 -4.93	68.53 -1.91 -6.83	61.90 -2.45 2.01	75.88 -2.84 4.72	73.95 -2.76 4.42	63.27 -2.57 3.60	52.62 -2.32 4.59	48.93 -2.49 3.85	73.47 -3.37 1.48	81.82 -2.27 0.00

HQ_GEN_CEDARS 23644	57.76 -1.17 -3.32	57.92 -0.83 -3.33	57.87 -0.77 -3.32	57.92 -0.55 -3.32	57.75 -0.94 -3.31	58.57 -1.65 -3.36	79.97 -1.78 -4.45	82.04 -1.66 -4.57	78.66 -1.59 -4.39	71.93 -1.46 -3.91	57.73 -1.06 -3.23	57.72 -0.89 -3.23	57.46 -0.77 -2.91	57.41 -0.83 -2.92	54.38 -1.05 0.00	62.25 -1.46 -0.11	65.11 -1.26 0.00	81.76 -1.67 0.00	79.67 -1.46 0.00	68.40 -1.04 0.00	58.88 -0.65 0.00	54.66 -0.61 0.00	77.06 -1.25 0.00	82.74 -1.35 0.00
HQ_GEN_CEDARS_PROXY 323590	57.76 -1.17 -3.32	57.93 -0.83 -3.33	57.87 -0.77 -3.32	57.87 -0.61 -3.32	57.69 -1.00 -3.31	58.56 -1.65 -3.36	79.97 -1.77 -4.45	82.03 -1.67 -4.57	78.66 -1.60 -4.39	71.93 -1.46 -3.91	57.73 -1.06 -3.23	57.72 -0.89 -3.23	57.46 -0.77 -2.91	57.41 -0.83 -2.92	54.38 -1.05 0.00	62.26 -1.46 -0.11	65.11 -1.26 0.00	81.76 -1.67 0.00	79.67 -1.46 0.00	68.40 -1.04 0.00	58.88 -0.65 0.00	54.66 -0.61 0.00	77.06 -1.26 0.00	82.74 -1.35 0.00
HQ_GEN_IMPORT 323601	54.61 -1.00 0.00	54.60 -0.83 0.00	54.60 -0.72 0.00	54.60 -0.55 0.00	54.60 -0.78 0.00	55.60 -1.25 0.00	75.83 -1.47 0.00	77.71 -1.42 0.00	74.50 -1.36 0.00	68.23 -1.25 0.00	54.61 -0.94 0.00	54.60 -0.78 0.00	54.60 -0.72 0.00	54.60 -0.72 0.00	54.60 -0.83 0.00	62.40 -1.21 0.00	65.24 -1.13 0.00	82.01 -1.42 0.00	79.75 -1.38 0.00	68.40 -1.04 0.00	58.76 -0.78 0.00	54.61 -0.66 0.00	77.06 -1.26 0.00	82.82 -1.26 0.00
HQ_GEN_WHEEL 23651	54.61 -1.00 0.00	54.60 -0.83 0.00	54.60 -0.72 0.00	54.60 -0.55 0.00	54.60 -0.78 0.00	55.60 -1.25 0.00	75.83 -1.47 0.00	77.71 -1.42 0.00	74.50 -1.36 0.00	68.23 -1.25 0.00	54.61 -0.94 0.00	54.60 -0.78 0.00	54.60 -0.72 0.00	54.60 -0.72 0.00	54.60 -0.83 0.00	62.40 -1.21 0.00	65.24 -1.13 0.00	82.01 -1.42 0.00	79.75 -1.38 0.00	68.40 -1.04 0.00	58.76 -0.78 0.00	54.61 -0.66 0.00	77.06 -1.26 0.00	82.82 -1.26 0.00
HUDSON AVE_GT_3 23810	64.44 4.95 -3.88	60.88 4.88 -0.57	60.19 4.87 0.00	59.78 4.63 0.00	60.14 4.76 0.00	61.91 5.06 0.00	83.33 6.03 0.00	89.66 6.73 -3.80	89.44 6.90 -6.68	85.17 6.39 -9.30	84.93 5.00 -24.37	79.13 4.93 -18.83	76.30 4.92 -16.05	78.90 4.87 -18.71	84.98 4.93 -24.62	103.61 5.92 -34.08	123.23 6.31 -50.56	155.76 7.84 -64.49	140.45 7.46 -51.85	118.20 6.39 -42.37	117.95 5.54 -52.88	102.30 5.08 -41.95	101.59 6.66 -16.62	90.89 6.81 0.00
HUDSON AVE_GT_4 23540	64.44 4.95 -3.88	60.88 4.88 -0.57	60.19 4.87 0.00	59.78 4.63 0.00	60.14 4.76 0.00	61.91 5.06 0.00	83.33 6.03 0.00	89.66 6.73 -3.80	89.44 6.90 -6.68	85.17 6.39 -9.30	84.93 5.00 -24.37	79.13 4.93 -18.83	76.30 4.92 -16.05	78.90 4.87 -18.71	84.98 4.93 -24.62	103.61 5.92 -34.08	123.23 6.31 -50.56	155.76 7.84 -64.49	140.45 7.46 -51.85	118.20 6.39 -42.37	117.95 5.54 -52.88	102.30 5.08 -41.95	101.59 6.66 -16.62	90.89 6.81 0.00
HUDSON AVE_GT_5 23657	64.44 4.95 -3.88	60.88 4.88 -0.57	60.19 4.87 0.00	59.78 4.63 0.00	60.14 4.76 0.00	61.91 5.06 0.00	83.33 6.03 0.00	89.66 6.73 -3.80	89.44 6.90 -6.68	85.17 6.39 -9.30	84.93 5.00 -24.37	79.13 4.93 -18.83	76.30 4.92 -16.05	78.90 4.87 -18.71	84.98 4.93 -24.62	103.61 5.92 -34.08	123.23 6.31 -50.56	155.76 7.84 -64.49	140.45 7.46 -51.85	118.20 6.39 -42.37	117.95 5.54 -52.88	102.30 5.08 -41.95	101.59 6.66 -16.62	90.89 6.81 0.00
HUDSON_AVE_10 24168	64.33 4.84 -3.88	60.77 4.77 -0.57	60.02 4.70 0.00	59.62 4.47 0.00	60.03 4.65 0.00	61.80 4.95 0.00	83.25 5.95 0.00	89.58 6.65 -3.80	89.29 6.75 -6.68	85.03 6.25 -9.30	84.82 4.89 -24.37	79.02 4.82 -18.83	76.18 4.81 -16.05	78.79 4.76 -18.71	84.87 4.82 -24.62	103.54 5.85 -34.08	123.10 6.17 -50.56	155.68 7.76 -64.49	140.28 7.30 -51.85	118.13 6.32 -42.37	117.89 5.48 -52.88	102.19 4.97 -41.95	101.51 6.58 -16.62	90.81 6.73 0.00
HUDSON___115KV_TB 4 355613	63.33 2.78 -4.94	58.93 2.77 -0.73	58.25 2.93 0.00	57.91 2.76 0.00	58.31 2.93 0.00	60.10 3.24 0.00	81.63 4.33 0.00	88.01 4.04 -4.84	88.23 3.87 -8.50	84.51 3.20 -11.83	88.96 2.39 -31.01	81.60 2.27 -23.96	78.01 2.27 -20.42	81.46 2.32 -23.81	89.20 2.44 -31.33	109.71 2.74 -43.37	114.16 3.58 -44.21	162.41 4.09 -74.89	151.09 4.06 -65.90	126.56 3.26 -53.85	129.49 2.74 -67.22	111.03 2.43 -53.33	103.04 3.60 -21.13	88.62 4.54 0.00
HUNTER MOUNT___DRP 323613	63.28 2.89 -4.78	58.96 2.83 -0.71	58.53 3.21 0.00	58.13 2.98 0.00	58.59 3.21 0.00	60.49 3.64 0.00	82.24 4.95 0.00	88.09 4.27 -4.69	88.19 4.10 -8.23	84.13 3.20 -11.46	87.86 2.28 -30.03	80.74 2.16 -23.20	77.26 2.16 -19.78	80.59 2.21 -23.06	88.15 2.38 -30.34	108.40 2.80 -42.00	115.25 4.25 -44.63	161.10 4.51 -73.16	149.41 4.46 -63.82	125.06 3.47 -52.15	127.54 2.92 -65.09	109.46 2.54 -51.64	102.53 3.76 -20.46	89.04 4.96 0.00
HUNTINGTON_RES_REC 323705	91.28 6.67 -29.00	75.70 6.59 -13.67	72.23 6.64 -10.27	70.83 6.39 -9.28	75.42 6.59 -13.46	75.06 6.99 -11.21	107.20 8.81 -21.10	128.09 9.41 -39.55	110.07 9.33 -24.88	88.03 8.54 -10.01	86.39 6.44 -24.39	80.20 5.98 -18.84	77.53 6.14 -16.07	80.35 6.30 -18.73	86.06 5.99 -24.64	108.13 7.57 -36.95	132.91 8.03 -58.51	157.89 10.01 -64.45	142.76 9.81 -51.81	132.34 8.33 -54.57	126.61 7.20 -59.87	119.13 6.52 -57.34	110.72 8.77 -23.64	103.51 9.08 -10.35
HUNTLEY___63 23557	52.83 -3.39 -0.61	51.58 -3.94 -0.09	51.45 -3.87 0.00	51.57 -3.58 0.00	52.39 -2.99 0.00	54.64 -2.22 0.00	73.28 -4.02 0.00	72.18 -7.44 -0.48	69.05 -7.66 -0.85	63.71 -6.95 -1.18	53.35 -5.28 -3.07	52.21 -5.54 -2.38	51.70 -5.64 -2.03	52.09 -5.59 -2.36	52.99 -5.54 -3.11	61.68 -6.23 -4.30	61.95 -6.84 -2.42	77.60 -9.09 -3.26	75.13 -8.68 -2.68	63.79 -7.85 -2.19	55.16 -7.08 -2.71	51.14 -6.30 -2.17	71.28 -7.91 -0.88	76.68 -7.40 0.00
HUNTLEY___64 23558	52.83 -3.39 -0.61	51.58 -3.94 -0.09	51.45 -3.87 0.00	51.57 -3.58 0.00	52.39 -2.99 0.00	54.64 -2.22 0.00	73.28 -4.02 0.00	72.18 -7.44 -0.48	69.05 -7.66 -0.85	63.71 -6.95 -1.18	53.35 -5.28 -3.07	52.21 -5.54 -2.38	51.70 -5.64 -2.03	52.09 -5.59 -2.36	52.99 -5.54 -3.11	61.68 -6.23 -4.30	61.95 -6.84 -2.42	77.60 -9.09 -3.26	75.13 -8.68 -2.68	63.79 -7.85 -2.19	55.16 -7.08 -2.71	51.14 -6.30 -2.17	71.28 -7.91 -0.88	76.68 -7.40 0.00
HUNTLEY___65 23559	52.83 -3.39 -0.61	51.58 -3.94 -0.09	51.45 -3.87 0.00	51.57 -3.58 0.00	52.39 -2.99 0.00	54.64 -2.22 0.00	73.28 -4.02 0.00	72.18 -7.44 -0.48	69.05 -7.66 -0.85	63.71 -6.95 -1.18	53.35 -5.28 -3.07	52.21 -5.54 -2.38	51.70 -5.64 -2.03	52.09 -5.59 -2.36	52.99 -5.54 -3.11	61.68 -6.23 -4.30	61.95 -6.84 -2.42	77.60 -9.09 -3.26	75.13 -8.68 -2.68	63.79 -7.85 -2.19	55.16 -7.08 -2.71	51.14 -6.30 -2.17	71.28 -7.91 -0.88	76.68 -7.40 0.00
HUNTLEY___66 23560	52.83 -3.39 -0.61	51.58 -3.94 -0.09	51.45 -3.87 0.00	51.57 -3.58 0.00	52.39 -2.99 0.00	54.64 -2.22 0.00	73.28 -4.02 0.00	72.18 -7.44 -0.48	69.05 -7.66 -0.85	63.71 -6.95 -1.18	53.35 -5.28 -3.07	52.21 -5.54 -2.38	51.70 -5.64 -2.03	52.09 -5.59 -2.36	52.99 -5.54 -3.11	61.68 -6.23 -4.30	61.95 -6.84 -2.42	77.60 -9.09 -3.26	75.13 -8.68 -2.68	63.79 -7.85 -2.19	55.16 -7.08 -2.71	51.14 -6.30 -2.17	71.28 -7.91 -0.88	76.68 -7.40 0.00



HUNTLEY___67 23561	52.45 -3.78 -0.63	51.31 -4.21 -0.09	51.23 -4.09 0.00	51.35 -3.81 0.00	52.16 -3.21 0.00	54.35 -2.50 0.00	72.89 -4.41 0.00	71.70 -7.91 -0.48	68.74 -7.97 -0.84	63.43 -7.23 -1.17	53.12 -5.50 -3.07	51.93 -5.81 -2.37	51.42 -5.92 -2.02	51.81 -5.86 -2.36	52.71 -5.82 -3.10	61.41 -6.49 -4.29	61.53 -7.23 -2.39	76.85 -9.76 -3.18	74.41 -9.33 -2.61	63.24 -8.33 -2.13	54.81 -7.38 -2.65	50.70 -6.69 -2.11	70.79 -8.38 -0.86	76.52 -7.57 0.00
HUNTLEY___68 23562	52.45 -3.78 -0.63	51.31 -4.21 -0.09	51.23 -4.09 0.00	51.35 -3.81 0.00	52.16 -3.21 0.00	54.35 -2.50 0.00	72.89 -4.41 0.00	71.70 -7.91 -0.48	68.74 -7.97 -0.84	63.43 -7.23 -1.17	53.12 -5.50 -3.07	51.93 -5.81 -2.37	51.42 -5.92 -2.02	51.81 -5.86 -2.36	52.71 -5.82 -3.10	61.41 -6.49 -4.29	61.53 -7.23 -2.39	76.85 -9.76 -3.18	74.41 -9.33 -2.61	63.24 -8.33 -2.13	54.81 -7.38 -2.65	50.70 -6.69 -2.11	70.79 -8.38 -0.86	76.52 -7.57 0.00
HYLAND___LFGE 323620	54.81 -1.50 -0.69	53.70 -1.83 -0.10	53.16 -2.16 0.00	53.11 -2.04 0.00	53.99 -1.38 0.00	56.34 -0.51 0.00	76.45 -0.85 0.00	77.80 -1.98 -0.64	74.26 -2.73 -1.13	68.06 -2.99 -1.57	57.17 -2.50 -4.12	55.67 -2.88 -3.18	54.88 -3.15 -2.71	55.44 -3.04 -3.16	57.04 -2.55 -4.16	67.33 -2.04 -5.76	65.60 -1.79 -1.02	81.98 -2.17 -0.72	79.69 -1.86 -0.42	68.06 -1.73 -0.35	58.01 -1.91 -0.38	53.41 -2.04 -0.18	76.07 -2.35 -0.10	81.39 -2.69 0.00
INDECK___CORINTH 23802	63.52 2.67 -5.25	58.87 2.66 -0.77	57.64 2.32 0.00	57.30 2.15 0.00	57.70 2.33 0.00	59.53 2.67 0.00	81.16 3.86 0.00	88.23 3.95 -5.14	88.83 3.94 -9.03	85.53 3.47 -12.57	90.95 2.44 -32.95	83.16 2.33 -25.46	79.35 2.32 -21.70	83.00 2.38 -25.30	91.16 2.44 -33.29	112.75 3.05 -46.08	115.36 3.38 -45.61	167.04 4.59 -79.03	155.71 4.62 -69.95	130.42 3.82 -57.16	134.09 3.21 -71.34	114.73 2.82 -56.64	104.74 3.99 -22.44	88.20 4.12 0.00
INDECK___ILION 23567	56.55 0.95 0.00	56.37 0.94 0.00	56.26 0.94 0.00	56.03 0.88 0.00	56.37 1.00 0.00	57.99 1.14 0.00	79.00 1.70 0.00	80.79 1.66 0.00	77.53 1.67 0.00	71.08 1.60 0.00	56.72 1.17 0.00	56.54 1.16 0.00	56.37 1.05 0.00	56.32 1.00 0.00	56.48 1.05 0.00	64.95 1.34 0.00	67.76 1.39 0.00	85.27 1.84 0.00	83.08 1.95 0.00	71.11 1.67 0.00	60.90 1.37 0.00	56.54 1.27 0.00	80.11 1.80 0.00	86.10 2.02 0.00
INDECK___OLEAN 23982	51.23 -5.12 -0.73	50.00 -5.54 -0.11	53.61 -1.72 0.00	53.72 -1.43 0.00	54.65 -0.72 0.00	56.97 0.11 0.00	76.99 -0.31 0.00	75.00 -4.75 -0.61	72.39 -4.55 -1.07	66.45 -4.51 -1.49	55.96 -3.50 -3.90	54.79 -3.60 -3.01	54.19 -3.71 -2.57	54.66 -3.65 -3.00	55.77 -3.60 -3.94	65.25 -3.81 -5.46	62.20 -6.50 -2.34	79.76 -6.59 -2.92	76.66 -6.81 -2.34	65.94 -5.42 -1.92	58.03 -3.87 -2.36	52.03 -5.03 -1.79	71.21 -7.83 -0.73	81.56 -2.52 0.00
INDECK___OSWEGO 23783	54.15 -1.78 -0.32	53.59 -1.88 -0.05	53.33 -1.99 0.00	53.06 -2.10 0.00	53.38 -1.99 0.00	55.09 -1.76 0.00	74.90 -2.40 0.00	76.99 -2.45 -0.31	73.91 -2.50 -0.55	68.02 -2.23 -0.77	55.73 -1.83 -2.01	55.05 -1.88 -1.55	54.71 -1.94 -1.32	54.93 -1.94 -1.54	55.58 -1.88 -2.03	64.38 -2.04 -2.81	67.11 -2.13 -2.87	85.58 -2.75 -4.90	82.78 -2.68 -4.32	70.54 -2.43 -3.53	61.80 -2.14 -4.41	56.78 -1.99 -3.50	77.12 -2.58 -1.39	81.22 -2.86 0.00
INDECK___YERKES 23781	52.89 -3.34 -0.61	51.64 -3.88 -0.09	51.45 -3.87 0.00	51.62 -3.53 0.00	52.44 -2.94 0.00	54.69 -2.16 0.00	73.36 -3.94 0.00	72.25 -7.36 -0.48	69.12 -7.59 -0.84	63.77 -6.88 -1.17	53.38 -5.22 -3.05	52.25 -5.48 -2.36	51.75 -5.59 -2.01	52.08 -5.59 -2.35	52.86 -5.65 -3.08	61.71 -6.17 -4.27	62.09 -6.77 -2.49	77.80 -9.01 -3.38	75.24 -8.68 -2.78	63.95 -7.78 -2.28	55.27 -7.09 -2.82	51.25 -6.19 -2.17	71.12 -8.06 -0.88	76.77 -7.32 0.00
INDIAN POINT_GT_1 24139	63.79 4.34 -3.85	60.27 4.27 -0.57	59.53 4.20 0.00	59.12 3.97 0.00	59.53 4.15 0.00	61.35 4.49 0.00	82.86 5.57 0.00	89.07 6.17 -3.77	88.69 6.22 -6.61	84.38 5.70 -9.20	84.12 4.44 -24.12	78.33 4.32 -18.64	75.58 4.37 -15.89	78.16 4.32 -18.52	84.18 4.38 -24.37	102.62 5.28 -33.73	121.95 5.64 -49.94	154.32 7.09 -63.80	139.27 6.82 -51.32	117.14 5.76 -41.94	116.88 5.00 -52.34	101.32 4.53 -41.52	100.71 5.95 -16.45	90.22 6.14 0.00
INDIAN POINT_GT_2 23659	63.79 4.34 -3.85	60.27 4.27 -0.57	59.53 4.20 0.00	59.12 3.97 0.00	59.53 4.15 0.00	61.35 4.49 0.00	82.86 5.57 0.00	89.07 6.17 -3.77	88.69 6.22 -6.61	84.38 5.70 -9.20	84.12 4.44 -24.12	78.33 4.32 -18.64	75.58 4.37 -15.89	78.16 4.32 -18.52	84.18 4.38 -24.37	102.62 5.28 -33.73	121.95 5.64 -49.94	154.32 7.09 -63.80	139.27 6.82 -51.32	117.14 5.76 -41.94	116.88 5.00 -52.34	101.32 4.53 -41.52	100.71 5.95 -16.45	90.22 6.14 0.00
INDIAN POINT_GT_3 24019	63.79 4.34 -3.85	60.27 4.27 -0.57	59.53 4.20 0.00	59.12 3.97 0.00	59.53 4.15 0.00	61.35 4.49 0.00	82.86 5.57 0.00	89.07 6.17 -3.77	88.69 6.22 -6.61	84.38 5.70 -9.20	84.12 4.44 -24.12	78.33 4.32 -18.64	75.58 4.37 -15.89	78.16 4.32 -18.52	84.18 4.38 -24.37	102.62 5.28 -33.73	121.95 5.64 -49.94	154.32 7.09 -63.80	139.27 6.82 -51.32	117.14 5.76 -41.94	116.88 5.00 -52.34	101.32 4.53 -41.52	100.71 5.95 -16.45	90.22 6.14 0.00
INDIAN POINT___2 23530	63.62 4.22 -3.79	60.15 4.16 -0.56	59.47 4.15 0.00	59.07 3.92 0.00	59.47 4.10 0.00	61.23 4.38 0.00	82.71 5.41 0.00	88.78 5.94 -3.71	88.45 6.07 -6.52	84.05 5.49 -9.08	83.69 4.34 -23.80	77.97 4.21 -18.38	75.25 4.26 -15.67	77.85 4.26 -18.27	83.68 4.21 -24.04	102.04 5.15 -33.28	120.86 5.44 -49.05	153.14 6.92 -62.79	138.34 6.65 -50.55	116.37 5.62 -41.31	115.91 4.82 -51.56	100.57 4.37 -40.93	100.32 5.80 -16.22	90.05 5.97 0.00
INDIAN POINT___3 23531	63.68 4.23 -3.85	60.16 4.16 -0.57	59.47 4.15 0.00	59.07 3.92 0.00	59.47 4.10 0.00	61.29 4.43 0.00	82.78 5.49 0.00	88.91 6.01 -3.77	88.55 6.07 -6.61	84.25 5.56 -9.21	84.03 4.33 -24.14	78.29 4.26 -18.65	75.48 4.26 -15.90	78.06 4.20 -18.54	84.09 4.27 -24.39	102.59 5.22 -33.76	121.86 5.51 -49.99	154.20 6.92 -63.85	139.15 6.65 -51.36	117.04 5.62 -41.97	116.80 4.88 -52.38	101.24 4.42 -41.55	100.65 5.87 -16.46	90.14 6.05 0.00
INGHAM_C_115KV_TB7 356103	57.00 1.39 0.00	56.82 1.39 0.00	56.70 1.38 0.00	56.48 1.32 0.00	56.82 1.44 0.00	58.56 1.71 0.00	79.77 2.47 0.00	81.58 2.45 0.00	78.37 2.50 0.00	71.91 2.43 0.00	57.39 1.83 0.00	57.15 1.77 0.00	56.87 1.55 0.00	56.81 1.49 0.00	56.93 1.50 0.00	65.52 1.91 0.00	68.43 2.06 0.00	86.27 2.84 0.00	84.13 3.00 0.00	72.08 2.64 0.00	61.74 2.20 0.00	57.37 2.10 0.00	81.29 2.98 0.00	87.45 3.36 0.00
IP CORINTH___1 23988	63.80 2.95 -5.25	59.14 2.94 -0.77	57.92 2.60 0.00	57.58 2.43 0.00	57.98 2.60 0.00	59.87 3.01 0.00	81.63 4.33 0.00	88.70 4.43 -5.14	89.21 4.32 -9.02	85.87 3.82 -12.57	91.27 2.78 -32.94	83.48 2.66 -25.45	79.61 2.60 -21.69	83.32 2.71 -25.29	91.47 2.77 -33.27	113.04 3.37 -46.06	115.79 3.78 -45.64	167.51 5.01 -79.07	156.16 5.03 -69.99	130.80 4.17 -57.20	134.50 3.57 -71.39	115.01 3.10 -56.64	105.14 4.39 -22.44	88.62 4.54 0.00

IP__TICONDEROGA 23804	66.47 5.62 -5.24	61.86 5.65 -0.77	60.52 5.20 0.00	60.12 4.96 0.00	60.64 5.26 0.00	62.71 5.86 0.00	85.80 8.50 0.00	92.89 8.63 -5.14	93.30 8.42 -9.01	89.47 7.43 -12.55	93.90 5.44 -32.90	86.05 5.26 -25.42	82.19 5.20 -21.67	85.89 5.31 -25.26	94.10 5.43 -33.24	116.23 6.62 -46.01	119.29 7.30 -45.62	172.10 9.68 -78.99	160.78 9.74 -69.91	134.63 8.05 -57.13	137.63 6.79 -71.31	117.87 6.02 -56.58	109.19 8.46 -22.41	92.83 8.74 0.00
ISLIP_RES_REC 323679	92.50 7.89 -29.00	76.92 7.82 -13.67	73.45 7.85 -10.27	72.05 7.61 -9.28	76.70 7.86 -13.46	76.37 8.30 -11.21	109.13 10.74 -21.10	129.91 11.23 -39.55	111.82 11.08 -24.88	89.49 10.01 -10.01	87.34 7.39 -24.39	80.97 6.75 -18.84	78.30 6.91 -16.07	81.19 7.14 -18.73	86.72 6.65 -24.64	109.02 8.46 -36.95	133.83 8.96 -58.51	159.07 11.18 -64.45	143.89 10.95 -51.81	133.32 9.31 -54.57	127.39 7.98 -59.87	119.85 7.24 -57.34	111.98 10.03 -23.64	104.77 10.34 -10.35
JAMAICA__27_KV_LOAD 355505	64.72 5.23 -3.88	61.16 5.15 -0.57	60.35 5.03 0.00	59.89 4.74 0.00	60.30 4.93 0.00	62.14 5.29 0.00	83.79 6.49 0.00	90.14 7.20 -3.80	89.97 7.43 -6.68	85.66 6.88 -9.30	85.26 5.33 -24.37	79.46 5.26 -18.83	76.63 5.26 -16.05	79.23 5.20 -18.71	85.26 5.21 -24.62	104.05 6.36 -34.08	123.70 6.77 -50.56	156.43 8.51 -64.49	141.09 8.11 -51.85	118.82 7.01 -42.37	118.43 6.01 -52.88	102.69 5.47 -41.95	102.14 7.20 -16.62	91.40 7.32 0.00
JANIS__SOLAR 323808	59.33 2.61 -1.10	57.97 2.38 -0.16	57.87 2.55 0.00	57.58 2.42 0.00	58.03 2.66 0.00	60.21 3.35 0.00	82.87 5.57 0.00	83.19 3.25 -0.82	79.88 2.58 -1.43	73.63 2.16 -2.00	62.28 1.50 -5.23	60.69 1.27 -4.04	59.93 1.16 -3.44	60.50 1.16 -4.01	62.10 1.39 -5.28	72.96 2.04 -7.31	90.78 4.05 -20.37	122.39 5.68 -33.28	115.63 5.52 -28.98	97.69 4.58 -23.67	92.92 3.75 -29.63	82.04 3.04 -23.73	91.73 4.07 -9.35	88.62 4.54 0.00
JARVIS____ 23743	56.11 0.50 0.00	55.87 0.44 0.00	55.76 0.44 0.00	55.54 0.39 0.00	55.82 0.44 0.00	57.42 0.57 0.00	78.07 0.77 0.00	79.92 0.79 0.00	76.62 0.76 0.00	70.17 0.69 0.00	56.11 0.56 0.00	55.87 0.50 0.00	55.82 0.50 0.00	55.82 0.50 0.00	55.93 0.50 0.00	64.25 0.64 0.00	67.03 0.66 0.00	84.27 0.83 0.00	81.94 0.81 0.00	70.13 0.69 0.00	60.07 0.53 0.00	55.77 0.50 0.00	79.10 0.78 0.00	84.84 0.76 0.00
JENNISON__1 23625	60.14 3.11 -1.42	58.58 2.94 -0.21	58.53 3.21 0.00	58.30 3.14 0.00	58.75 3.38 0.00	60.83 3.98 0.00	83.71 6.42 0.00	88.74 8.23 -1.38	85.71 7.43 -2.41	79.58 6.74 -3.36	69.31 4.94 -8.81	66.67 4.49 -6.81	65.22 4.09 -5.80	66.40 4.32 -6.77	68.93 4.60 -8.90	81.97 6.04 -12.32	89.04 4.71 -17.96	118.41 6.34 -28.63	112.08 6.17 -24.78	94.89 5.21 -20.24	89.23 4.41 -25.29	77.43 3.59 -18.57	90.51 4.86 -7.34	89.55 5.47 0.00
JENNISON__2 23626	60.14 3.11 -1.42	58.58 2.94 -0.21	58.53 3.21 0.00	58.30 3.14 0.00	58.75 3.38 0.00	60.83 3.98 0.00	83.71 6.42 0.00	88.74 8.23 -1.38	85.71 7.43 -2.41	79.58 6.74 -3.36	69.31 4.94 -8.81	66.67 4.49 -6.81	65.22 4.09 -5.80	66.40 4.32 -6.77	68.93 4.60 -8.90	81.97 6.04 -12.32	89.04 4.71 -17.96	118.41 6.34 -28.63	112.08 6.17 -24.78	94.89 5.21 -20.24	89.23 4.41 -25.29	77.43 3.59 -18.57	90.51 4.86 -7.34	89.55 5.47 0.00
JERICHO_RISE_WT_PWR 323719	-11.74 -2.72 64.62	-11.75 -2.38 64.80	-11.68 -2.32 64.68	-11.68 -2.15 64.68	-11.73 -2.55 64.56	-11.80 -3.18 65.47	-13.28 -3.86 86.71	-13.44 -3.56 89.01	-13.19 -3.49 85.57	-10.00 -3.26 76.21	-10.00 -2.55 63.00	-10.00 -2.38 63.00	-3.79 -2.32 56.79	-3.92 -2.38 56.86	52.88 -2.55 0.00	58.37 -3.18 2.06	63.45 -2.92 0.00	79.93 -3.50 0.00	77.97 -3.17 0.00	67.21 -2.22 0.00	58.35 -1.19 0.00	54.28 -0.99 0.00	75.97 -2.35 0.00	81.90 -2.19 0.00
KATONAH__115KV_46KV_TB4 355592	64.60 5.06 -3.93	60.89 4.88 -0.58	60.13 4.81 0.00	59.73 4.58 0.00	60.14 4.76 0.00	62.03 5.17 0.00	84.02 6.72 0.00	90.26 7.28 -3.85	90.06 7.43 -6.76	85.63 6.74 -9.42	85.45 5.22 -24.68	79.48 5.04 -19.06	76.66 5.09 -16.25	79.36 5.09 -18.95	85.51 5.15 -24.93	104.22 6.11 -34.50	124.17 6.57 -51.23	156.99 8.26 -65.30	141.57 7.95 -52.49	119.14 6.81 -42.89	118.97 5.89 -53.54	102.99 5.25 -42.47	102.03 6.89 -16.82	91.23 7.15 0.00
KCE_NY_1 323755	64.18 3.34 -5.23	59.53 3.33 -0.77	58.47 3.15 0.00	58.18 3.03 0.00	58.53 3.15 0.00	60.32 3.47 0.00	82.09 4.79 0.00	89.09 4.83 -5.13	89.57 4.71 -9.00	86.26 4.24 -12.54	91.58 3.16 -32.86	83.86 3.10 -25.39	80.00 3.04 -21.64	83.65 3.10 -25.23	91.79 3.16 -33.20	113.38 3.82 -45.96	116.04 4.12 -45.56	167.61 5.34 -78.83	156.16 5.27 -69.76	130.89 4.45 -57.01	134.44 3.75 -71.15	115.13 3.37 -56.49	105.47 4.78 -22.38	89.04 4.96 0.00
KCE_NY_6_ESR 323823	52.70 -3.56 -0.65	51.48 -4.04 -0.10	52.11 -3.21 0.00	52.28 -2.87 0.00	53.10 -2.27 0.00	55.44 -1.42 0.00	74.52 -2.78 0.00	73.24 -6.41 -0.52	70.24 -6.52 -0.90	64.69 -6.05 -1.26	54.28 -4.55 -3.28	53.09 -4.82 -2.54	52.50 -4.98 -2.16	52.92 -4.92 -2.52	53.76 -4.99 -3.31	62.79 -5.41 -4.59	62.33 -6.50 -2.46	78.35 -8.34 -3.27	75.61 -8.19 -2.67	64.48 -7.15 -2.19	56.05 -6.19 -2.71	51.49 -5.86 -2.08	71.56 -7.60 -0.84	78.28 -5.80 0.00
KEDC_PORT_JEFF_GT2 24210	92.11 7.50 -29.00	76.58 7.48 -13.67	73.12 7.52 -10.27	71.71 7.28 -9.28	76.37 7.53 -13.46	75.97 7.90 -11.21	108.29 9.90 -21.10	129.12 10.44 -39.55	111.06 10.32 -24.88	89.01 9.52 -10.01	87.01 7.06 -24.39	80.64 6.42 -18.84	77.91 6.52 -16.07	80.80 6.75 -18.73	86.33 6.26 -24.64	108.58 8.01 -36.95	133.38 8.50 -58.51	158.40 10.51 -64.45	143.33 10.39 -51.81	132.83 8.82 -54.57	127.03 7.62 -59.87	119.51 6.91 -57.34	111.51 9.55 -23.64	104.26 9.83 -10.35
KEDC_PORT_JEFF_GT3 24211	92.11 7.50 -29.00	76.58 7.48 -13.67	73.12 7.52 -10.27	71.71 7.28 -9.28	76.37 7.53 -13.46	75.97 7.90 -11.21	108.29 9.90 -21.10	129.12 10.44 -39.55	111.06 10.32 -24.88	89.01 9.52 -10.01	87.01 7.06 -24.39	80.64 6.42 -18.84	77.91 6.52 -16.07	80.80 6.75 -18.73	86.33 6.26 -24.64	108.58 8.01 -36.95	133.38 8.50 -58.51	158.40 10.51 -64.45	143.33 10.39 -51.81	132.83 8.82 -54.57	127.03 7.62 -59.87	119.51 6.91 -57.34	111.51 9.55 -23.64	104.26 9.83 -10.35
KEDC_GLWD_GT4 24219	89.78 5.17 -28.99	74.20 5.10 -13.67	70.68 5.09 -10.27	69.28 4.85 -9.28	73.87 5.04 -13.46	73.41 5.34 -11.21	105.11 6.72 -21.10	125.95 7.28 -39.54	108.10 7.36 -24.88	86.22 6.74 -10.01	85.28 5.33 -24.39	79.26 5.04 -18.84	76.53 5.15 -16.07	79.31 5.26 -18.73	85.17 5.10 -24.64	106.86 6.30 -36.95	131.51 6.64 -58.51	156.23 8.34 -64.45	140.98 8.03 -51.81	130.82 6.81 -54.57	125.30 5.90 -59.87	117.97 5.36 -57.34	109.08 7.13 -23.64	101.83 7.40 -10.35
KEDC_GLWD_GT5 24220	89.78 5.17 -28.99	74.20 5.10 -13.67	70.68 5.09 -10.27	69.28 4.85 -9.28	73.87 5.04 -13.46	73.41 5.34 -11.21	105.11 6.72 -21.10	125.95 7.28 -39.54	108.10 7.36 -24.88	86.22 6.74 -10.01	85.28 5.33 -24.39	79.26 5.04 -18.84	76.53 5.15 -16.07	79.31 5.26 -18.73	85.17 5.10 -24.64	106.86 6.30 -36.95	131.51 6.64 -58.51	156.23 8.34 -64.45	140.98 8.03 -51.81	130.82 6.81 -54.57	125.30 5.90 -59.87	117.97 5.36 -57.34	109.08 7.13 -23.64	101.83 7.40 -10.35

KENSICO____ 23655	64.04 4.56 -3.87	60.49 4.49 -0.57	59.75 4.43 0.00	59.34 4.19 0.00	59.75 4.37 0.00	61.57 4.72 0.00	83.09 5.80 0.00	89.41 6.49 -3.79	89.05 6.52 -6.66	84.73 5.98 -9.28	84.59 4.72 -24.31	78.75 4.60 -18.78	75.92 4.59 -16.01	78.58 4.59 -18.66	84.59 4.60 -24.56	103.20 5.60 -33.99	122.74 5.97 -50.40	155.17 7.43 -64.31	139.90 7.06 -51.71	117.74 6.04 -42.26	117.52 5.24 -52.74	101.91 4.81 -41.84	101.15 6.27 -16.57	90.56 6.47 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	64.73 5.39 -3.73	61.25 5.27 -0.55	60.52 5.20 0.00	60.00 4.85 0.00	60.47 5.09 0.00	62.54 5.69 0.00	84.87 7.58 0.00	91.01 8.23 -3.65	90.39 8.12 -6.41	85.21 6.81 -8.93	84.00 5.06 -23.39	78.26 4.82 -18.07	75.60 4.87 -15.41	78.15 4.87 -17.96	84.16 5.10 -23.63	102.75 6.42 -32.71	119.05 7.17 -45.51	153.70 9.43 -60.84	140.07 9.17 -49.77	117.61 7.50 -40.67	116.67 6.37 -50.76	101.28 5.75 -40.26	101.86 7.60 -15.95	91.74 7.65 0.00
KIAC_JFK_GT1 23816	64.55 5.06 -3.88	60.94 4.93 -0.57	60.13 4.81 0.00	59.73 4.58 0.00	60.14 4.76 0.00	61.91 5.06 0.00	83.48 6.18 0.00	89.90 6.96 -3.80	89.67 7.13 -6.68	85.38 6.60 -9.30	85.04 5.11 -24.37	79.24 5.04 -18.83	76.41 5.03 -16.05	79.01 4.98 -18.71	85.09 5.04 -24.62	103.80 6.11 -34.08	123.43 6.50 -50.56	156.10 8.18 -64.49	140.77 7.79 -51.85	118.47 6.67 -42.37	118.19 5.77 -52.88	102.47 5.25 -41.95	101.82 6.89 -16.62	91.06 6.98 0.00
KIAC_JFK_GT2 23817	64.55 5.06 -3.88	60.94 4.93 -0.57	60.13 4.81 0.00	59.73 4.58 0.00	60.14 4.76 0.00	61.91 5.06 0.00	83.48 6.18 0.00	89.90 6.96 -3.80	89.67 7.13 -6.68	85.38 6.60 -9.30	85.04 5.11 -24.37	79.24 5.04 -18.83	76.41 5.03 -16.05	79.01 4.98 -18.71	85.09 5.04 -24.62	103.80 6.11 -34.08	123.43 6.50 -50.56	156.10 8.18 -64.49	140.77 7.79 -51.85	118.47 6.67 -42.37	118.19 5.77 -52.88	102.47 5.25 -41.95	101.82 6.89 -16.62	91.06 6.98 0.00
KIAC_JFK____ 323774	64.55 5.06 -3.88	60.94 4.93 -0.57	60.19 4.87 0.00	59.78 4.63 0.00	60.19 4.82 0.00	61.91 5.06 0.00	83.48 6.19 0.00	89.90 6.97 -3.81	89.67 7.13 -6.68	85.39 6.60 -9.31	85.11 5.17 -24.39	79.25 5.04 -18.84	76.42 5.03 -16.06	79.08 5.03 -18.73	85.11 5.04 -24.64	103.88 6.17 -34.10	123.40 6.51 -50.53	156.05 8.18 -64.44	140.80 7.87 -51.80	118.50 6.73 -42.33	118.14 5.77 -52.83	102.47 5.25 -41.95	101.82 6.89 -16.62	91.06 6.98 0.00
KINTIGH____ 23543	53.14 -3.00 -0.54	52.18 -3.33 -0.08	50.95 -4.37 0.00	51.02 -4.14 0.00	51.67 -3.71 0.00	53.73 -3.13 0.00	72.20 -5.10 0.00	72.20 -7.52 -0.59	69.31 -7.59 -1.03	64.04 -6.88 -1.44	54.12 -5.22 -3.78	52.76 -5.54 -2.92	52.17 -5.64 -2.49	52.64 -5.59 -2.90	53.71 -5.54 -3.82	62.80 -6.11 -5.30	62.41 -6.44 -2.48	77.88 -9.01 -3.46	75.58 -8.44 -2.88	64.09 -7.71 -2.36	55.30 -7.14 -2.91	51.32 -6.30 -2.35	71.97 -7.28 -0.94	76.10 -7.99 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-7.67 -2.17 61.11	-7.57 -1.72 61.28	-7.51 -1.66 61.17	-7.56 -1.54 61.17	-7.62 -1.94 61.05	-7.56 -2.50 61.91	-7.49 -2.78 82.00	-7.42 -2.37 84.18	-7.56 -2.50 80.92	-4.96 -2.36 72.07	-5.75 -1.72 59.58	-5.81 -1.61 59.57	0.01 -1.60 53.70	0.00 -1.55 53.77	53.55 -1.88 0.00	59.31 -2.35 1.95	64.31 -2.06 0.00	81.10 -2.34 0.00	79.10 -2.03 0.00	68.19 -1.25 0.00	59.30 -0.24 0.00	55.22 -0.06 0.00	76.75 -1.57 0.00	82.82 -1.26 0.00
LACHUTE__HYDRO 323717	66.46 5.61 -5.24	61.86 5.66 -0.77	60.52 5.20 0.00	60.17 5.02 0.00	60.64 5.26 0.00	62.71 5.86 0.00	85.80 8.50 0.00	92.89 8.63 -5.14	93.30 8.42 -9.02	89.48 7.44 -12.56	93.92 5.45 -32.92	86.07 5.26 -25.43	82.20 5.20 -21.68	85.91 5.31 -25.27	94.12 5.44 -33.25	116.26 6.62 -46.03	119.19 7.24 -45.59	172.05 9.67 -78.95	160.65 9.65 -69.87	134.59 8.05 -57.10	137.58 6.78 -71.26	117.87 6.03 -56.58	109.19 8.46 -22.41	92.83 8.74 0.00
LAWRNCV_115KV_TB1 80681	62.52 -1.50 -8.41	62.70 -1.16 -8.43	62.69 -1.05 -8.42	62.69 -0.88 -8.42	62.39 -1.38 -8.40	63.10 -2.27 -8.52	85.95 -2.63 -11.28	88.42 -2.29 -11.58	84.72 -2.28 -11.14	77.45 -1.95 -9.92	62.42 -1.33 -8.20	62.41 -1.16 -8.20	61.60 -1.11 -7.39	61.61 -1.11 -7.40	53.88 -1.55 0.00	61.84 -2.04 -0.27	64.44 -1.92 0.00	81.01 -2.42 0.00	78.94 -2.19 0.00	67.77 -1.67 0.00	58.40 -1.13 0.00	54.22 -1.05 0.00	76.43 -1.88 0.00	82.32 -1.77 0.00
LEDERLE____ 23769	63.63 4.28 -3.74	60.19 4.21 -0.55	59.53 4.20 0.00	59.12 3.97 0.00	59.47 4.10 0.00	61.35 4.49 0.00	82.94 5.64 0.00	88.96 6.17 -3.66	88.51 6.22 -6.42	84.05 5.63 -8.94	83.39 4.39 -23.44	77.75 4.26 -18.11	75.07 4.32 -15.44	77.58 4.26 -18.00	83.43 4.32 -23.68	101.67 5.28 -32.78	120.30 5.71 -48.22	152.50 7.18 -61.89	137.82 6.82 -49.87	115.96 5.76 -40.76	115.40 5.00 -50.87	100.15 4.53 -40.35	100.25 5.95 -15.98	90.22 6.14 0.00
LIGHTHSE_115KV_TB6 355974	55.18 -0.72 -0.29	54.59 -0.89 -0.04	54.32 -1.00 0.00	54.10 -1.05 0.00	54.43 -0.94 0.00	56.17 -0.68 0.00	76.76 -0.54 0.00	79.02 -0.40 -0.29	75.76 -0.61 -0.50	69.76 -0.42 -0.70	56.90 -0.50 -1.84	56.13 -0.66 -1.42	55.76 -0.77 -1.21	56.02 -0.72 -1.42	56.68 -0.61 -1.86	65.68 -0.51 -2.58	68.40 -0.53 -2.56	87.14 -0.67 -4.38	84.34 -0.65 -3.86	71.90 -0.69 -3.15	62.82 -0.65 -3.94	57.72 -0.72 -3.17	78.71 -0.86 -1.26	82.91 -1.18 0.00
LINDEN COGEN____ 23786	61.64 4.50 -1.53	60.49 4.49 -0.57	59.86 4.54 0.00	59.46 4.30 0.00	59.86 4.48 0.00	61.46 4.60 0.00	72.38 5.33 10.25	77.00 6.01 8.14	74.59 6.22 7.50	75.43 5.76 -0.19	65.19 4.56 -5.08	64.15 4.37 -4.40	64.15 4.43 -4.40	64.15 4.43 -4.40	65.09 4.38 -5.28	74.59 5.40 -5.58	65.64 5.71 6.44	97.33 7.09 -6.81	82.44 6.82 5.51	65.89 5.83 9.38	65.64 5.00 -1.10	73.64 4.58 -13.78	68.78 5.95 15.48	63.64 6.06 26.50
LINDHRST_69_KV_BK1 356055	91.28 6.67 -29.00	75.70 6.60 -13.67	72.18 6.58 -10.27	70.77 6.34 -9.28	75.37 6.53 -13.46	75.00 6.94 -11.21	107.13 8.73 -21.10	128.09 9.42 -39.54	110.07 9.33 -24.88	87.89 8.41 -10.00	86.04 6.11 -24.38	79.97 5.76 -18.83	77.07 5.70 -16.05	79.90 5.86 -18.72	85.99 5.93 -24.63	108.23 7.70 -36.93	133.01 8.10 -58.54	157.61 9.68 -64.50	142.16 9.17 -51.86	132.45 8.40 -54.61	126.72 7.26 -59.92	119.29 6.69 -57.34	110.88 8.93 -23.64	103.68 9.25 -10.35
LIPA_MISC_IPP 23656	92.56 7.95 -29.00	76.98 7.87 -13.67	73.45 7.86 -10.27	72.10 7.67 -9.28	76.70 7.86 -13.46	76.26 8.19 -11.21	108.83 10.44 -21.10	129.83 11.16 -39.54	111.59 10.85 -24.88	89.21 9.73 -10.00	86.43 6.50 -24.38	80.08 5.87 -18.83	77.18 5.81 -16.05	80.01 5.97 -18.72	85.65 5.60 -24.63	108.11 7.57 -36.93	132.94 8.03 -58.54	157.61 9.68 -64.50	142.16 9.17 -51.86	132.38 8.33 -54.61	126.78 7.32 -59.92	119.35 6.74 -57.34	111.59 9.63 -23.64	104.35 9.92 -10.35
LISF__SOLAR 323691	92.67 8.06 -29.00	77.09 7.98 -13.67	73.67 8.08 -10.27	72.26 7.83 -9.28	76.92 8.08 -13.46	76.54 8.47 -11.21	109.45 11.05 -21.10	130.23 11.55 -39.55	112.12 11.38 -24.88	89.63 10.14 -10.01	87.17 7.22 -24.39	80.70 6.48 -18.84	78.02 6.64 -16.07	80.91 6.86 -18.73	86.17 6.10 -24.64	108.45 7.89 -36.95	133.31 8.43 -58.51	158.48 10.60 -64.45	143.33 10.39 -51.81	132.83 8.82 -54.57	127.03 7.62 -59.87	119.46 6.85 -57.34	111.82 9.87 -23.64	104.60 10.17 -10.35

LITTLE FALLS___HYD 24013	57.00 1.39 0.00	56.82 1.39 0.00	56.70 1.38 0.00	56.48 1.32 0.00	56.82 1.44 0.00	58.56 1.71 0.00	79.77 2.47 0.00	81.58 2.45 0.00	78.37 2.50 0.00	71.91 2.43 0.00	57.39 1.83 0.00	57.15 1.77 0.00	56.87 1.55 0.00	56.81 1.49 0.00	56.93 1.50 0.00	65.52 1.91 0.00	68.43 2.06 0.00	86.27 2.84 0.00	84.13 3.00 0.00	72.08 2.64 0.00	61.74 2.20 0.00	57.37 2.10 0.00	81.29 2.98 0.00	87.45 3.36 0.00
LITTLRIV_115KV_TB1 356100	64.02 -0.83 -9.24	64.20 -0.50 -9.27	64.24 -0.33 -9.25	64.24 -0.17 -9.25	63.95 -0.66 -9.24	64.69 -1.54 -9.37	88.39 -1.31 -12.40	90.91 -0.95 -12.73	87.04 -1.06 -12.24	79.48 -0.90 -10.90	64.01 -0.56 -9.01	64.00 -0.39 -9.01	63.11 -0.33 -8.12	63.18 -0.28 -8.13	54.71 -0.72 0.00	62.89 -1.02 -0.29	65.51 -0.86 0.00	82.35 -1.08 0.00	80.24 -0.89 0.00	68.88 -0.56 0.00	59.30 -0.24 0.00	54.99 -0.28 0.00	77.45 -0.86 0.00	83.33 -0.76 0.00
LI_NEWBRDGE___DRP 323616	90.00 5.39 -29.00	74.43 5.32 -13.68	70.91 5.31 -10.28	69.51 5.07 -9.28	74.10 5.26 -13.46	73.70 5.63 -11.21	105.27 6.88 -21.10	126.19 7.52 -39.55	108.25 7.51 -24.88	86.43 6.95 -10.00	84.99 5.06 -24.38	78.97 4.76 -18.83	76.08 4.70 -16.05	78.85 4.81 -18.72	84.93 4.88 -24.63	106.84 6.30 -36.93	131.55 6.64 -58.54	155.86 7.93 -64.50	140.46 7.46 -51.86	130.85 6.81 -54.61	125.35 5.89 -59.92	118.02 5.42 -57.34	109.24 7.28 -23.64	102.00 7.57 -10.35
LOCKPORT_115KV_TB60_63_64 80432	52.52 -3.67 -0.59	51.36 -4.16 -0.09	50.95 -4.37 0.00	51.13 -4.03 0.00	51.94 -3.43 0.00	54.13 -2.73 0.00	72.58 -4.72 0.00	71.54 -8.07 -0.48	68.51 -8.19 -0.84	63.21 -7.43 -1.17	52.94 -5.67 -3.05	51.81 -5.93 -2.36	51.25 -6.09 -2.01	51.63 -6.03 -2.34	52.58 -5.93 -3.08	61.26 -6.62 -4.27	61.89 -6.90 -2.42	76.64 -10.10 -3.30	74.37 -9.49 -2.73	63.06 -8.61 -2.23	54.55 -7.74 -2.76	50.58 -6.91 -2.22	71.06 -8.14 -0.89	75.76 -8.32 0.00
LOCKPORT___CC1 323769	52.31 -3.89 -0.59	51.19 -4.32 -0.09	50.73 -4.59 0.00	50.91 -4.25 0.00	51.72 -3.66 0.00	53.90 -2.96 0.00	72.27 -5.02 0.00	71.22 -8.39 -0.48	68.20 -8.50 -0.83	62.92 -7.71 -1.16	52.64 -5.94 -3.02	51.51 -6.20 -2.34	51.01 -6.31 -1.99	51.39 -6.25 -2.32	52.16 -6.32 -3.05	60.97 -6.87 -4.23	61.62 -7.23 -2.48	76.40 -10.43 -3.40	73.88 -10.06 -2.81	62.85 -8.89 -2.30	54.40 -7.98 -2.84	50.45 -7.02 -2.20	70.27 -8.93 -0.88	75.51 -8.58 0.00
LOCKPORT___CC2 323770	52.31 -3.89 -0.59	51.19 -4.32 -0.09	50.73 -4.59 0.00	50.91 -4.25 0.00	51.72 -3.66 0.00	53.90 -2.96 0.00	72.27 -5.02 0.00	71.22 -8.39 -0.48	68.20 -8.50 -0.83	62.92 -7.71 -1.16	52.64 -5.94 -3.02	51.51 -6.20 -2.34	51.01 -6.31 -1.99	51.39 -6.25 -2.32	52.16 -6.32 -3.05	60.97 -6.87 -4.23	61.62 -7.23 -2.48	76.40 -10.43 -3.40	73.88 -10.06 -2.81	62.85 -8.89 -2.30	54.40 -7.98 -2.84	50.45 -7.02 -2.20	70.27 -8.93 -0.88	75.51 -8.58 0.00
LOCKPORT___CC3 323771	52.31 -3.89 -0.59	51.19 -4.32 -0.09	50.73 -4.59 0.00	50.91 -4.25 0.00	51.72 -3.66 0.00	53.90 -2.96 0.00	72.27 -5.02 0.00	71.22 -8.39 -0.48	68.20 -8.50 -0.83	62.92 -7.71 -1.16	52.64 -5.94 -3.02	51.51 -6.20 -2.34	51.01 -6.31 -1.99	51.39 -6.25 -2.32	52.16 -6.32 -3.05	60.97 -6.87 -4.23	61.62 -7.23 -2.48	76.40 -10.43 -3.40	73.88 -10.06 -2.81	62.85 -8.89 -2.30	54.40 -7.98 -2.84	50.45 -7.02 -2.20	70.27 -8.93 -0.88	75.51 -8.58 0.00
LONG_LAKE_PHOENIX 24014	54.66 -1.28 -0.33	54.09 -1.39 -0.05	53.83 -1.49 0.00	53.55 -1.60 0.00	53.88 -1.50 0.00	55.66 -1.19 0.00	75.75 -1.55 0.00	77.79 -1.66 -0.32	74.69 -1.74 -0.57	68.74 -1.53 -0.79	56.41 -1.22 -2.08	55.65 -1.33 -1.61	55.36 -1.33 -1.37	55.53 -1.38 -1.60	56.26 -1.27 -2.10	65.18 -1.34 -2.91	67.87 -1.39 -2.89	86.62 -1.75 -4.94	83.71 -1.78 -4.36	71.40 -1.60 -3.56	62.43 -1.55 -4.44	57.36 -1.49 -3.58	77.93 -1.80 -1.42	82.15 -1.93 0.00
LOVETT___3 23632	63.48 4.12 -3.75	59.97 3.99 -0.55	59.30 3.98 0.00	58.90 3.75 0.00	59.31 3.93 0.00	61.12 4.26 0.00	82.55 5.26 0.00	88.58 5.78 -3.67	88.23 5.92 -6.45	83.81 5.35 -8.98	83.25 4.17 -23.53	77.65 4.10 -18.18	74.91 4.09 -15.50	77.43 4.04 -18.07	83.30 4.10 -23.77	101.54 5.03 -32.90	120.19 5.38 -48.45	152.33 6.76 -62.14	137.60 6.41 -50.06	115.83 5.49 -40.91	115.30 4.70 -51.06	100.08 4.31 -40.50	100.00 5.64 -16.05	89.89 5.80 0.00
LOVETT___4 23642	63.48 4.12 -3.75	59.97 3.99 -0.55	59.30 3.98 0.00	58.90 3.75 0.00	59.31 3.93 0.00	61.12 4.26 0.00	82.55 5.26 0.00	88.58 5.78 -3.67	88.23 5.92 -6.45	83.81 5.35 -8.98	83.25 4.17 -23.53	77.65 4.10 -18.18	74.91 4.09 -15.50	77.43 4.04 -18.07	83.30 4.10 -23.77	101.54 5.03 -32.90	120.19 5.38 -48.45	152.33 6.76 -62.14	137.60 6.41 -50.06	115.83 5.49 -40.91	115.30 4.70 -51.06	100.08 4.31 -40.50	100.00 5.64 -16.05	89.89 5.80 0.00
LOVETT___5 23593	63.48 4.12 -3.75	59.97 3.99 -0.55	59.30 3.98 0.00	58.90 3.75 0.00	59.31 3.93 0.00	61.12 4.26 0.00	82.55 5.26 0.00	88.58 5.78 -3.67	88.23 5.92 -6.45	83.81 5.35 -8.98	83.25 4.17 -23.53	77.65 4.10 -18.18	74.91 4.09 -15.50	77.43 4.04 -18.07	83.30 4.10 -23.77	101.54 5.03 -32.90	120.19 5.38 -48.45	152.33 6.76 -62.14	137.60 6.41 -50.06	115.83 5.49 -40.91	115.30 4.70 -51.06	100.08 4.31 -40.50	100.00 5.64 -16.05	89.89 5.80 0.00
LOWER RAQUET___HYD 24057	64.02 -1.61 -10.03	64.27 -1.22 -10.06	64.20 -1.16 -10.04	64.20 -0.99 -10.04	63.84 -1.55 -10.02	64.57 -2.44 -10.16	87.90 -2.86 -13.46	90.41 -2.54 -13.81	86.64 -2.50 -13.28	79.22 -2.08 -11.83	63.95 -1.39 -9.78	63.88 -1.27 -9.78	62.97 -1.16 -8.81	62.93 -1.22 -8.82	53.82 -1.61 0.00	61.77 -2.16 -0.32	64.24 -2.13 0.00	80.76 -2.67 0.00	78.78 -2.36 0.00	67.63 -1.81 0.00	58.23 -1.31 0.00	54.05 -1.22 0.00	76.28 -2.04 0.00	82.15 -1.93 0.00
LOWER___HUDSON 24059	63.81 3.06 -5.15	59.24 3.05 -0.76	58.31 2.99 0.00	58.02 2.87 0.00	58.36 2.99 0.00	60.15 3.30 0.00	81.62 4.33 0.00	88.60 4.43 -5.05	89.04 4.32 -8.85	85.77 3.96 -12.33	90.87 3.00 -32.32	83.33 2.99 -24.97	79.59 2.99 -21.29	83.07 2.93 -24.82	91.07 2.99 -32.65	112.24 3.43 -45.20	115.18 3.65 -45.16	165.67 4.59 -77.66	154.28 4.54 -68.61	129.39 3.89 -56.06	132.78 3.27 -69.97	113.75 2.93 -55.55	104.55 4.23 -22.01	88.62 4.54 0.00
LOWVILLE_115KV_TB2 356335	58.45 -0.17 -3.00	58.10 -0.22 -2.89	57.96 -0.22 -2.87	57.80 -0.22 -2.87	58.01 -0.22 -2.86	59.58 -0.17 -2.90	81.83 0.70 -3.84	84.40 1.19 -4.08	80.88 0.99 -4.04	74.72 1.53 -3.72	59.57 0.33 -3.68	59.13 0.28 -3.48	58.54 0.11 -3.10	58.75 0.22 -3.20	56.55 0.22 -0.90	66.16 1.21 -1.34	69.00 1.39 -1.24	87.55 2.00 -2.12	85.03 2.03 -1.87	72.63 1.67 -1.52	62.75 1.31 -1.90	57.69 0.88 -1.54	80.02 1.10 -0.61	84.17 0.08 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	64.12 3.28 -5.23	59.47 3.27 -0.77	58.42 3.10 0.00	58.13 2.98 0.00	58.48 3.10 0.00	60.32 3.47 0.00	82.01 4.72 0.00	89.08 4.83 -5.13	89.56 4.70 -9.00	86.18 4.17 -12.53	91.51 3.11 -32.85	83.80 3.05 -25.38	80.00 3.04 -21.63	83.58 3.04 -25.22	91.72 3.10 -33.18	113.30 3.75 -45.93	116.00 4.05 -45.59	167.57 5.26 -78.88	156.13 5.19 -69.80	130.85 4.37 -57.04	134.42 3.69 -71.19	115.07 3.32 -56.49	105.47 4.78 -22.38	89.04 4.96 0.00

LUTHERNY_35_KV_BK2 355980	64.18 3.34 -5.23	59.53 3.33 -0.77	58.47 3.15 0.00	58.13 2.98 0.00	58.53 3.16 0.00	60.32 3.47 0.00	82.09 4.79 0.00	89.08 4.83 -5.13	89.56 4.70 -9.00	86.25 4.24 -12.53	91.57 3.17 -32.85	83.85 3.10 -25.38	80.00 3.04 -21.63	83.64 3.10 -25.22	91.77 3.16 -33.18	113.36 3.82 -45.93	116.07 4.11 -45.59	167.65 5.34 -78.88	156.21 5.27 -69.80	130.92 4.44 -57.04	134.48 3.75 -71.19	115.13 3.37 -56.49	105.55 4.86 -22.38	89.04 4.96 0.00
LWR___OSWEGATCHIE_HYD 23850	61.19 -1.33 -6.91	61.11 -1.16 -6.84	61.03 -1.11 -6.81	60.97 -0.99 -6.81	60.90 -1.27 -6.80	62.05 -1.71 -6.90	84.89 -1.55 -9.13	87.50 -1.11 -9.48	83.85 -1.21 -9.20	77.00 -0.76 -8.28	61.97 -0.89 -7.30	61.75 -0.78 -7.15	60.91 -0.83 -6.42	61.05 -0.77 -6.50	55.11 -1.00 -0.67	63.80 -0.95 -1.15	66.43 -0.86 -0.92	84.09 -0.92 -1.58	81.71 -0.81 -1.39	69.95 -0.62 -1.14	60.48 -0.48 -1.42	55.92 -0.50 -1.15	77.83 -0.94 -0.45	82.65 -1.43 0.00
LYONS_FALL_HYD 23570	58.14 0.50 -2.03	57.79 0.44 -1.92	57.66 0.44 -1.90	57.44 0.39 -1.90	57.71 0.44 -1.90	59.40 0.63 -1.92	81.47 1.63 -2.55	83.85 1.98 -2.74	80.35 1.75 -2.74	73.97 1.94 -2.55	59.11 0.89 -2.67	58.69 0.83 -2.48	58.25 0.72 -2.21	58.45 0.83 -2.30	57.09 0.83 -0.83	66.47 1.65 -1.21	69.34 1.79 -1.18	87.87 2.42 -2.01	85.34 2.43 -1.78	72.91 2.02 -1.45	62.95 1.61 -1.81	57.92 1.21 -1.44	80.45 1.57 -0.57	85.10 1.01 0.00
MADISON___COUNTY_LFGE 323628	57.40 1.56 -0.23	56.91 1.44 -0.03	56.81 1.49 0.00	56.59 1.43 0.00	56.93 1.55 0.00	58.84 1.99 0.00	80.54 3.25 0.00	82.76 3.40 -0.23	79.30 3.03 -0.40	72.82 2.78 -0.56	58.97 1.94 -1.47	58.34 1.83 -1.14	58.00 1.71 -0.97	58.22 1.77 -1.13	58.80 1.88 -1.48	68.15 2.48 -2.06	70.92 2.52 -2.03	90.16 3.25 -3.47	87.28 3.08 -3.06	74.51 2.57 -2.50	64.74 2.08 -3.12	59.46 1.66 -2.53	81.66 2.35 -1.00	86.52 2.44 0.00
MALONE___115KV_TB1 356076	96.74 -1.84 -42.96	97.18 -1.33 -43.08	97.00 -1.33 -43.00	97.00 -1.16 -43.00	96.69 -1.61 -42.92	98.11 -2.27 -43.53	132.47 -2.47 -57.65	136.41 -1.90 -59.18	130.63 -2.12 -56.89	118.20 -1.95 -50.67	95.99 -1.44 -41.88	95.93 -1.33 -41.88	91.80 -1.27 -37.75	91.79 -1.33 -37.80	53.82 -1.61 0.00	63.01 -1.97 -1.37	64.84 -1.53 0.00	81.76 -1.67 0.00	79.75 -1.38 0.00	68.61 -0.83 0.00	59.48 -0.06 0.00	55.16 -0.11 0.00	77.14 -1.17 0.00	83.16 -0.92 0.00
MAPLEWOD_115KV_TB3 80458	63.41 2.67 -5.13	58.79 2.61 -0.76	57.87 2.54 0.00	57.58 2.43 0.00	57.92 2.55 0.00	59.64 2.79 0.00	80.93 3.63 0.00	87.79 3.64 -5.02	88.32 3.64 -8.82	85.10 3.33 -12.28	90.35 2.61 -32.19	82.84 2.60 -24.87	79.12 2.60 -21.20	82.63 2.60 -24.71	90.55 2.61 -32.52	111.42 2.80 -45.01	113.77 2.85 -44.55	164.27 3.59 -77.25	153.10 3.57 -68.40	128.32 2.99 -55.89	131.86 2.56 -69.76	112.89 2.27 -55.35	103.69 3.45 -21.93	88.04 3.95 0.00
MAPLE_RIDGE_WT_1 323574	54.05 -1.56 0.00	53.99 -1.44 0.00	53.94 -1.38 0.00	53.89 -1.27 0.00	54.05 -1.33 0.00	55.38 -1.48 0.00	75.60 -1.70 0.00	77.71 -1.42 0.00	74.65 -1.22 0.00	68.44 -1.04 0.00	54.66 -0.89 0.00	54.38 -1.00 0.00	54.16 -1.16 0.00	54.05 -1.27 0.00	54.21 -1.22 0.00	62.21 -1.40 0.00	65.18 -1.19 0.00	82.09 -1.34 0.00	80.00 -1.14 0.00	68.61 -0.83 0.00	58.88 -0.65 0.00	54.55 -0.72 0.00	77.14 -1.17 0.00	82.82 -1.26 0.00
MAPLE_RIDGE_WT_2 323611	54.05 -1.56 0.00	53.99 -1.44 0.00	53.94 -1.38 0.00	53.89 -1.27 0.00	54.05 -1.33 0.00	55.38 -1.48 0.00	75.60 -1.70 0.00	77.71 -1.42 0.00	74.65 -1.22 0.00	68.44 -1.04 0.00	54.66 -0.89 0.00	54.38 -1.00 0.00	54.16 -1.16 0.00	54.05 -1.27 0.00	54.21 -1.22 0.00	62.21 -1.40 0.00	65.18 -1.19 0.00	82.09 -1.34 0.00	80.00 -1.14 0.00	68.61 -0.83 0.00	58.88 -0.65 0.00	54.55 -0.72 0.00	77.14 -1.17 0.00	82.82 -1.26 0.00
MARBLE_RIVER_WT_PWR 323696	-7.00 -2.72 59.89	-7.00 -2.38 60.05	-7.00 -2.38 59.94	-7.00 -2.21 59.94	-7.00 -2.55 59.83	-7.00 -3.18 60.67	-7.00 -3.94 80.36	-7.00 -3.64 82.49	-7.00 -3.56 79.30	-4.48 -3.33 70.63	-5.38 -2.55 58.38	-5.38 -2.38 58.38	0.42 -2.27 52.63	0.31 -2.32 52.69	52.99 -2.44 0.00	58.65 -3.05 1.91	63.52 -2.85 0.00	80.01 -3.42 0.00	78.05 -3.08 0.00	67.29 -2.15 0.00	58.35 -1.19 0.00	54.33 -0.94 0.00	76.04 -2.27 0.00	81.99 -2.10 0.00
MARSHVLE_115KV_TB1 80742	64.91 3.45 -5.85	59.73 3.44 -0.86	58.58 3.26 0.00	58.30 3.14 0.00	58.75 3.38 0.00	60.83 3.98 0.00	83.25 5.95 0.00	90.88 6.01 -5.73	91.31 5.39 -10.06	87.59 4.10 -14.01	95.06 2.78 -36.72	85.96 2.22 -28.37	81.61 2.10 -24.19	85.95 2.43 -28.20	95.08 2.55 -37.10	118.72 3.75 -51.35	122.31 4.58 -51.36	178.22 6.34 -88.45	165.71 6.41 -78.17	138.73 5.42 -63.88	143.79 4.52 -79.73	122.61 4.15 -63.19	108.99 5.64 -25.04	89.55 5.47 0.00
MARSH_HILL_WT_PWR 323713	53.10 -3.34 -0.83	51.89 -3.66 -0.12	52.50 -2.82 0.00	52.45 -2.70 0.00	53.16 -2.22 0.00	55.66 -1.20 0.00	75.91 -1.39 0.00	76.63 -3.25 -0.75	73.46 -3.72 -1.31	67.48 -3.82 -1.83	57.67 -2.67 -4.78	56.08 -2.99 -3.70	55.37 -3.10 -3.15	56.17 -2.82 -3.67	57.82 -2.44 -4.83	68.40 -1.91 -6.69	62.54 -2.52 1.31	77.10 -2.84 3.49	75.03 -2.76 3.34	64.15 -2.57 2.72	53.74 -2.32 3.48	49.83 -2.49 2.95	73.82 -3.37 1.12	81.82 -2.27 0.00
MCINTYRE_115KV_TB2 80467	63.15 -0.44 -7.98	63.32 -0.11 -8.00	63.37 0.06 -7.99	63.42 0.28 -7.99	63.18 -0.17 -7.97	63.98 -0.97 -8.09	87.54 -0.46 -10.71	89.97 -0.16 -11.00	86.13 -0.30 -10.57	78.55 -0.35 -9.41	63.17 -0.17 -7.78	63.10 -0.06 -7.78	62.39 0.06 -7.01	62.46 0.11 -7.02	55.21 -0.22 0.00	63.42 -0.45 -0.25	66.17 -0.20 0.00	83.18 -0.25 0.00	81.05 -0.08 0.00	69.58 0.14 0.00	59.89 0.36 0.00	55.49 0.22 0.00	78.08 -0.23 0.00	83.92 -0.17 0.00
MECO_____69_KV_BK1 80468	66.03 4.78 -5.64	61.03 4.77 -0.83	59.91 4.59 0.00	59.56 4.41 0.00	60.03 4.65 0.00	62.14 5.29 0.00	85.03 7.73 0.00	92.41 7.75 -5.52	92.61 7.06 -9.69	88.68 5.70 -13.50	94.94 4.00 -35.38	86.25 3.54 -27.33	82.11 3.49 -23.30	86.19 3.71 -27.16	95.05 3.88 -35.74	118.30 5.22 -49.47	121.64 6.04 -49.23	176.78 8.26 -85.09	164.77 8.36 -75.28	137.97 7.01 -61.51	142.27 5.95 -76.78	121.51 5.36 -60.87	109.79 7.36 -24.12	91.48 7.40 0.00
MENANDS___115KV_TB5 355628	63.23 2.50 -5.12	58.68 2.49 -0.76	57.75 2.43 0.00	57.47 2.32 0.00	57.81 2.44 0.00	59.53 2.67 0.00	80.62 3.32 0.00	87.55 3.40 -5.01	88.00 3.34 -8.80	84.79 3.06 -12.26	90.18 2.50 -32.13	82.69 2.49 -24.82	78.91 2.43 -21.16	82.42 2.43 -24.67	90.32 2.44 -32.45	111.08 2.54 -44.93	113.41 2.59 -44.45	163.70 3.17 -77.10	152.48 3.08 -68.27	127.87 2.64 -55.79	131.43 2.26 -69.63	112.56 2.05 -55.25	103.33 3.13 -21.89	87.78 3.70 0.00
MG INDUSTRY___DRP 24185	62.77 2.17 -4.99	58.33 2.16 -0.74	57.48 2.16 0.00	57.19 2.04 0.00	57.53 2.16 0.00	59.19 2.33 0.00	80.23 2.94 0.00	86.79 2.77 -4.89	87.11 2.66 -8.59	83.81 2.36 -11.96	88.80 1.89 -31.36	81.43 1.83 -24.22	77.80 1.83 -20.65	81.28 1.88 -24.08	89.05 1.94 -31.68	109.56 2.10 -43.85	112.24 2.19 -43.68	161.46 2.67 -75.36	150.36 2.60 -66.63	126.11 2.22 -54.45	129.40 1.91 -67.96	110.96 1.77 -53.92	102.42 2.74 -21.36	87.36 3.28 0.00

MID___OSWEGATCHIE_HYD 23849	61.19 -1.33 -6.91	61.11 -1.16 -6.84	61.03 -1.11 -6.81	60.97 -0.99 -6.81	60.90 -1.27 -6.80	62.05 -1.71 -6.90	84.89 -1.55 -9.13	87.50 -1.11 -9.48	83.85 -1.21 -9.20	77.00 -0.76 -8.28	61.97 -0.89 -7.30	61.75 -0.78 -7.15	60.91 -0.83 -6.42	61.05 -0.77 -6.50	55.11 -1.00 -0.67	63.80 -0.95 -1.15	66.43 -0.86 -0.92	84.09 -0.92 -1.58	81.71 -0.81 -1.39	69.95 -0.62 -1.14	60.48 -0.48 -1.42	55.92 -0.50 -1.15	77.83 -0.94 -0.45	82.65 -1.43 0.00
MID___RAQUETTE_HYD 23851	64.03 -1.61 -10.03	64.27 -1.22 -10.06	64.20 -1.16 -10.04	64.25 -0.94 -10.04	63.90 -1.50 -10.02	64.57 -2.44 -10.16	87.89 -2.86 -13.46	90.41 -2.53 -13.81	86.64 -2.50 -13.28	79.22 -2.08 -11.83	63.94 -1.39 -9.78	63.88 -1.27 -9.78	62.97 -1.16 -8.81	62.98 -1.16 -8.82	53.77 -1.66 0.00	61.77 -2.16 -0.32	64.24 -2.12 0.00	80.76 -2.67 0.00	78.78 -2.35 0.00	67.63 -1.81 0.00	58.23 -1.31 0.00	54.11 -1.16 0.00	76.28 -2.04 0.00	82.15 -1.93 0.00
MILLIKEN___1 23584	57.43 1.00 -0.82	56.38 0.83 -0.12	56.21 0.89 0.00	55.92 0.77 0.00	56.26 0.89 0.00	58.28 1.42 0.00	79.69 2.40 0.00	81.90 1.98 -0.79	78.85 1.59 -1.39	72.81 1.39 -1.94	61.58 0.94 -5.08	60.13 0.83 -3.92	59.44 0.77 -3.34	59.94 0.72 -3.90	61.44 0.89 -5.13	72.05 1.34 -7.10	86.56 1.53 -18.66	116.32 2.09 -30.80	110.05 2.03 -26.89	92.99 1.60 -21.96	88.29 1.25 -27.51	78.80 0.88 -22.64	88.64 1.41 -8.92	85.68 1.60 0.00
MILLIKEN___2 23585	57.43 1.00 -0.82	56.38 0.83 -0.12	56.21 0.89 0.00	55.92 0.77 0.00	56.26 0.89 0.00	58.28 1.42 0.00	79.69 2.40 0.00	81.90 1.98 -0.79	78.85 1.59 -1.39	72.81 1.39 -1.94	61.58 0.94 -5.08	60.13 0.83 -3.92	59.44 0.77 -3.34	59.94 0.72 -3.90	61.44 0.89 -5.13	72.05 1.34 -7.10	86.56 1.53 -18.66	116.32 2.09 -30.80	110.05 2.03 -26.89	92.99 1.60 -21.96	88.29 1.25 -27.51	78.80 0.88 -22.64	88.64 1.41 -8.92	85.68 1.60 0.00
MILLIKEN___DIESEL 23629	57.43 1.00 -0.82	56.38 0.83 -0.12	56.21 0.89 0.00	55.92 0.77 0.00	56.26 0.89 0.00	58.28 1.42 0.00	79.69 2.40 0.00	81.90 1.98 -0.79	78.85 1.59 -1.39	72.81 1.39 -1.94	61.58 0.94 -5.08	60.13 0.83 -3.92	59.44 0.77 -3.34	59.94 0.72 -3.90	61.44 0.89 -5.13	72.05 1.34 -7.10	86.56 1.53 -18.66	116.32 2.09 -30.80	110.05 2.03 -26.89	92.99 1.60 -21.96	88.29 1.25 -27.51	78.80 0.88 -22.64	88.64 1.41 -8.92	85.68 1.60 0.00
MILLSEAT___LFGE 323607	53.68 -2.50 -0.57	52.57 -2.94 -0.08	52.00 -3.32 0.00	52.12 -3.03 0.00	53.00 -2.38 0.00	55.26 -1.59 0.00	74.28 -3.02 0.00	73.75 -5.85 -0.48	70.63 -6.07 -0.84	65.02 -5.63 -1.16	54.32 -4.28 -3.04	53.18 -4.54 -2.35	52.62 -4.70 -2.00	53.01 -4.65 -2.33	53.90 -4.60 -3.07	63.09 -4.77 -4.25	63.95 -4.91 -2.50	79.46 -7.43 -3.46	76.94 -7.06 -2.87	65.47 -6.32 -2.35	56.54 -5.90 -2.90	52.32 -5.20 -2.25	72.79 -6.42 -0.90	77.78 -6.31 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	63.87 4.39 -3.86	60.32 4.32 -0.57	59.64 4.32 0.00	59.23 4.08 0.00	59.64 4.26 0.00	61.46 4.61 0.00	82.94 5.64 0.00	89.16 6.25 -3.78	88.80 6.30 -6.64	84.49 5.77 -9.25	84.34 4.56 -24.23	78.53 4.43 -18.72	75.71 4.43 -15.96	78.35 4.43 -18.61	84.34 4.43 -24.48	102.90 5.41 -33.89	122.29 5.71 -50.21	154.71 7.18 -64.10	139.58 6.90 -51.55	117.40 5.83 -42.13	117.18 5.06 -52.58	101.57 4.59 -41.71	100.94 6.11 -16.52	90.31 6.22 0.00
MILLWOOD_13_KV_LOAD 356217	64.09 4.62 -3.86	60.49 4.49 -0.57	59.80 4.48 0.00	59.40 4.25 0.00	59.75 4.37 0.00	61.63 4.78 0.00	83.25 5.95 0.00	89.48 6.57 -3.78	89.18 6.68 -6.64	84.77 6.04 -9.25	84.51 4.72 -24.23	78.69 4.60 -18.72	75.93 4.65 -15.96	78.52 4.59 -18.61	84.57 4.66 -24.48	103.09 5.60 -33.89	122.55 5.97 -50.21	155.04 7.51 -64.10	139.91 7.22 -51.55	117.68 6.11 -42.13	117.41 5.30 -52.58	101.79 4.81 -41.71	101.18 6.34 -16.52	90.64 6.56 0.00
MODEL_CITY_ENERGY 24167	52.04 -4.17 -0.60	50.92 -4.60 -0.09	50.40 -4.92 0.00	50.52 -4.63 0.00	51.34 -4.04 0.00	53.50 -3.35 0.00	71.58 -5.72 0.00	70.51 -9.10 -0.47	67.51 -9.18 -0.82	62.29 -8.34 -1.15	52.17 -6.39 -3.00	51.05 -6.65 -2.32	50.49 -6.81 -1.98	50.87 -6.75 -2.30	51.64 -6.82 -3.03	60.36 -7.44 -4.19	61.44 -7.43 -2.51	75.94 -10.93 -3.44	73.59 -10.39 -2.84	62.46 -9.30 -2.33	54.07 -8.34 -2.87	50.25 -7.24 -2.22	69.88 -9.32 -0.89	75.09 -9.00 0.00
MODERN_LFGE___ 323580	52.04 -4.17 -0.60	50.92 -4.60 -0.09	50.40 -4.92 0.00	50.52 -4.63 0.00	51.34 -4.04 0.00	53.50 -3.35 0.00	71.58 -5.72 0.00	70.51 -9.10 -0.47	67.51 -9.18 -0.82	62.29 -8.34 -1.15	52.17 -6.39 -3.00	51.05 -6.65 -2.32	50.49 -6.81 -1.98	50.87 -6.75 -2.30	51.64 -6.82 -3.03	60.36 -7.44 -4.19	61.44 -7.43 -2.51	75.94 -10.93 -3.44	73.59 -10.39 -2.84	62.46 -9.30 -2.33	54.07 -8.34 -2.87	50.25 -7.24 -2.22	69.88 -9.32 -0.89	75.09 -9.00 0.00
MOHAWK_PAPER___DRP 24187	63.41 2.67 -5.13	58.79 2.61 -0.76	57.87 2.54 0.00	57.58 2.43 0.00	57.92 2.55 0.00	59.64 2.79 0.00	80.93 3.63 0.00	87.79 3.64 -5.02	88.32 3.64 -8.82	85.10 3.33 -12.28	90.35 2.61 -32.19	82.84 2.60 -24.87	79.12 2.60 -21.20	82.63 2.60 -24.71	90.55 2.61 -32.52	111.42 2.80 -45.01	113.77 2.85 -44.55	164.27 3.59 -77.25	153.10 3.57 -68.40	128.32 2.99 -55.89	131.86 2.56 -69.76	112.89 2.27 -55.35	103.69 3.45 -21.93	88.04 3.95 0.00
MOHICAN___35_KV_115KV_LD 80490	64.29 3.45 -5.24	59.64 3.44 -0.77	58.42 3.10 0.00	58.13 2.98 0.00	58.53 3.16 0.00	60.44 3.58 0.00	82.32 5.02 0.00	89.41 5.14 -5.13	89.95 5.08 -9.01	86.47 4.45 -12.55	91.71 3.28 -32.88	83.93 3.16 -25.40	80.07 3.10 -21.65	83.77 3.21 -25.24	91.91 3.27 -33.21	113.59 4.01 -45.98	116.35 4.38 -45.60	168.14 5.76 -78.95	156.84 5.84 -69.87	131.39 4.86 -57.09	134.90 4.11 -71.26	115.40 3.59 -56.54	105.80 5.09 -22.40	89.38 5.30 0.00
MONGAUP___HYD 23641	63.33 4.17 -3.55	60.00 4.04 -0.52	59.41 4.09 0.00	58.95 3.80 0.00	59.36 3.99 0.00	61.29 4.44 0.00	83.17 5.87 0.00	88.78 6.18 -3.48	88.03 6.07 -6.10	83.04 5.07 -8.50	81.60 3.78 -22.27	76.17 3.60 -17.20	73.58 3.59 -14.66	76.07 3.65 -17.10	81.69 3.77 -22.49	99.58 4.83 -31.14	117.15 5.58 -45.21	147.86 5.92 -58.51	135.00 6.57 -47.30	113.78 5.70 -38.65	112.59 4.82 -48.24	97.88 4.31 -38.30	99.20 5.71 -15.17	89.97 5.88 0.00
MONTAUK___DIESEL 23721	94.56 9.95 -29.00	78.92 9.81 -13.67	75.50 9.90 -10.27	74.08 9.65 -9.28	78.75 9.91 -13.46	78.42 10.35 -11.21	112.00 13.60 -21.10	133.00 14.32 -39.54	114.47 13.73 -24.88	91.71 12.23 -10.00	88.54 8.61 -24.38	82.13 7.92 -18.83	79.18 7.80 -16.05	82.11 8.08 -18.72	87.70 7.65 -24.63	110.65 10.11 -36.93	135.86 10.95 -58.54	161.53 13.60 -64.50	145.97 12.98 -51.86	135.50 11.46 -54.61	129.34 9.88 -59.92	121.67 9.06 -57.34	114.80 12.84 -23.64	107.88 13.45 -10.35
MOONROAD_115KV_HARTFLD_TB1-2 355988	52.90 -3.39 -0.68	51.54 -3.99 -0.10	51.56 -3.76 0.00	51.90 -3.25 0.00	53.99 -1.38 0.00	56.85 0.00 0.00	77.06 -0.23 0.00	76.13 -3.56 -0.56	73.13 -3.72 -0.98	67.37 -3.47 -1.36	56.67 -2.44 -3.56	54.75 -3.38 -2.75	53.57 -4.09 -2.35	53.52 -4.54 -2.74	54.37 -4.66 -3.60	64.59 -4.01 -4.98	63.27 -5.44 -2.34	79.68 -6.76 -3.01	76.83 -6.73 -2.43	65.46 -5.97 -1.99	56.94 -5.06 -2.46	52.34 -4.86 -1.93	71.42 -7.67 -0.79	79.80 -4.29 0.00

MORRIS_RIDGE___SOLAR 323848	53.30 -3.11 -0.80	52.17 -3.38 -0.12	52.61 -2.71 0.00	52.67 -2.48 0.00	53.38 -1.99 0.00	55.66 -1.20 0.00	75.44 -1.86 0.00	75.56 -4.27 -0.71	72.47 -4.63 -1.23	66.68 -4.51 -1.72	56.50 -3.56 -4.50	55.08 -3.77 -3.48	54.36 -3.93 -2.96	54.96 -3.82 -3.45	56.26 -3.71 -4.54	66.21 -3.69 -6.29	63.41 -4.31 -1.35	79.13 -5.42 -1.12	76.59 -5.27 -0.73	65.32 -4.72 -0.61	56.13 -4.11 -0.70	51.72 -3.98 -0.43	73.27 -5.25 -0.20	80.05 -4.03 0.00
MORTIMER_115KV_TB3 55949	54.37 -1.72 -0.49	53.56 -1.94 -0.07	52.44 -2.88 0.00	52.39 -2.76 0.00	53.05 -2.33 0.00	55.04 -1.82 0.00	74.28 -3.01 0.00	75.26 -4.35 -0.49	72.17 -4.55 -0.85	66.50 -4.17 -1.19	55.51 -3.17 -3.12	54.46 -3.32 -2.41	53.95 -3.43 -2.05	54.29 -3.43 -2.40	55.31 -3.27 -3.15	64.48 -3.50 -4.37	65.16 -3.65 -2.44	81.73 -5.17 -3.47	79.26 -4.79 -2.91	67.38 -4.44 -2.38	58.20 -4.29 -2.95	53.72 -3.92 -2.38	74.96 -4.31 -0.95	79.04 -5.05 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	64.33 4.84 -3.89	60.77 4.77 -0.57	60.08 4.76 0.00	59.67 4.52 0.00	60.08 4.71 0.00	61.86 5.00 0.00	83.33 6.03 0.00	89.58 6.65 -3.80	89.29 6.75 -6.68	85.03 6.25 -9.30	84.82 4.89 -24.37	79.02 4.82 -18.83	76.19 4.81 -16.05	78.79 4.76 -18.71	84.87 4.82 -24.62	103.55 5.85 -34.08	123.11 6.17 -50.56	155.69 7.76 -64.50	140.29 7.30 -51.85	118.13 6.32 -42.37	117.90 5.48 -52.89	102.19 4.97 -41.95	101.51 6.58 -16.62	90.89 6.81 0.00
MUNSVILLE_WIND_PWR 323609	61.32 4.45 -1.26	59.83 4.21 -0.19	59.80 4.48 0.00	59.57 4.41 0.00	60.08 4.70 0.00	62.37 5.51 0.00	86.41 9.12 0.00	95.05 14.40 -1.51	91.57 13.05 -2.65	85.19 12.02 -3.69	74.12 8.89 -9.68	70.83 7.98 -7.48	68.94 7.25 -6.37	70.44 7.69 -7.43	73.30 8.09 -9.78	87.70 10.56 -13.53	91.91 7.03 -18.51	123.04 9.76 -29.85	116.60 9.57 -25.90	98.72 8.12 -21.16	92.84 6.84 -26.46	81.99 5.58 -21.14	93.94 7.28 -8.35	91.99 7.90 0.00
N SALMON___HYD 24042	96.74 -1.83 -42.96	97.18 -1.33 -43.08	97.00 -1.33 -43.00	96.94 -1.21 -43.00	96.69 -1.61 -42.92	98.10 -2.28 -43.53	132.47 -2.48 -57.65	136.41 -1.90 -59.18	130.63 -2.12 -56.89	118.20 -1.94 -50.67	95.99 -1.44 -41.88	95.93 -1.33 -41.88	91.81 -1.27 -37.75	91.79 -1.33 -37.80	53.82 -1.61 0.00	63.01 -1.97 -1.37	64.84 -1.52 0.00	81.76 -1.67 0.00	79.75 -1.38 0.00	68.61 -0.83 0.00	59.48 -0.06 0.00	55.16 -0.11 0.00	77.14 -1.17 0.00	83.16 -0.92 0.00
N.AKRON__115KV_KNAPP 355671	53.57 -2.61 -0.57	52.47 -3.05 -0.08	51.95 -3.37 0.00	52.01 -3.14 0.00	52.88 -2.49 0.00	55.15 -1.71 0.00	74.13 -3.17 0.00	73.52 -6.09 -0.48	70.41 -6.30 -0.84	64.81 -5.84 -1.17	54.17 -4.44 -3.06	53.09 -4.65 -2.36	52.52 -4.81 -2.02	52.86 -4.81 -2.35	53.92 -4.60 -3.09	62.86 -5.03 -4.28	63.61 -5.18 -2.42	79.00 -7.76 -3.33	76.66 -7.22 -2.75	65.09 -6.60 -2.25	56.19 -6.13 -2.78	51.98 -5.53 -2.24	72.95 -6.27 -0.90	77.61 -6.47 0.00
N.BELMOR_69_KV_BK1 55787	90.11 5.51 -28.99	74.53 5.43 -13.67	71.01 5.42 -10.27	69.61 5.18 -9.28	74.20 5.37 -13.46	73.81 5.74 -11.21	105.58 7.19 -21.10	126.43 7.75 -39.54	108.55 7.81 -24.87	86.57 7.09 -10.00	85.15 5.22 -24.38	79.19 4.98 -18.83	76.30 4.92 -16.05	79.07 5.03 -18.72	85.21 5.15 -24.63	107.03 6.49 -36.93	131.81 6.90 -58.54	156.28 8.34 -64.50	140.94 7.95 -51.86	131.13 7.08 -54.61	125.59 6.13 -59.92	118.30 5.69 -57.34	109.55 7.60 -23.64	102.33 7.90 -10.35
N.E_GEN_SANDY PD 24062	87.50 3.78 -28.11	82.90 3.71 -23.76	80.30 3.76 -21.22	79.10 3.58 -20.37	82.70 3.71 -23.61	86.70 4.04 -25.81	107.00 5.10 -24.60	125.00 5.38 -40.49	106.25 5.31 -25.08	88.40 4.86 -14.06	88.00 3.78 -28.67	81.29 3.77 -22.15	77.91 3.71 -18.88	81.04 3.71 -22.01	88.05 3.66 -28.96	108.00 4.33 -40.06	119.33 4.58 -48.39	161.00 5.75 -71.82	147.50 5.52 -60.85	123.95 4.79 -49.72	125.70 4.10 -62.06	108.30 3.76 -49.27	103.00 5.17 -19.52	89.47 5.39 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	63.52 4.17 -3.74	60.08 4.10 -0.55	59.36 4.04 0.00	58.96 3.81 0.00	59.36 3.99 0.00	61.18 4.32 0.00	82.71 5.41 0.00	88.73 5.93 -3.67	88.29 5.99 -6.43	83.93 5.49 -8.96	83.26 4.22 -23.49	77.67 4.15 -18.14	74.94 4.15 -15.47	77.45 4.09 -18.03	83.37 4.21 -23.72	101.54 5.09 -32.84	120.21 5.51 -48.34	152.37 6.92 -62.01	137.67 6.57 -49.97	115.83 5.56 -40.83	115.32 4.82 -50.96	100.06 4.37 -40.42	100.04 5.72 -16.01	89.97 5.89 0.00
N.QUEENS_27_KV_LOAD 356247	64.84 5.34 -3.89	61.33 5.32 -0.58	60.64 5.31 -0.01	60.29 5.13 -0.01	60.70 5.32 -0.01	62.65 5.80 0.00	83.64 6.34 0.00	89.82 6.88 -3.80	89.44 6.90 -6.68	85.38 6.60 -9.30	84.98 5.06 -24.37	79.19 4.98 -18.83	76.35 4.98 -16.05	78.96 4.92 -18.71	85.04 4.99 -24.62	103.61 5.92 -34.08	122.97 6.04 -50.56	155.43 7.51 -64.49	140.04 7.06 -51.85	118.41 6.60 -42.37	118.25 5.83 -52.88	102.86 5.64 -41.95	102.53 7.60 -16.62	91.90 7.82 0.00
N.TROY___115KV_TB1 355778	63.81 3.06 -5.15	59.24 3.05 -0.76	58.31 2.99 0.00	57.96 2.81 0.00	58.37 2.99 0.00	60.15 3.30 0.00	81.63 4.33 0.00	88.60 4.43 -5.04	89.04 4.32 -8.85	85.77 3.96 -12.33	90.86 3.00 -32.31	83.32 2.99 -24.96	79.58 2.99 -21.28	83.11 2.99 -24.80	91.06 2.99 -32.63	112.22 3.43 -45.17	115.20 3.65 -45.18	165.72 4.59 -77.70	154.32 4.54 -68.65	129.42 3.89 -56.10	132.82 3.27 -70.01	113.75 2.93 -55.55	104.55 4.23 -22.01	88.62 4.54 0.00
NARROWS_GT1_1 24228	64.68 5.17 -3.89	61.11 5.10 -0.58	60.47 5.15 -0.01	60.07 4.91 -0.01	60.47 5.09 -0.01	62.08 5.23 0.00	83.33 6.03 0.00	89.59 6.65 -3.81	89.29 6.75 -6.68	85.17 6.39 -9.31	84.95 5.00 -24.39	79.09 4.87 -18.84	76.36 4.98 -16.06	79.03 4.98 -18.73	84.95 4.88 -24.64	103.76 6.05 -34.11	123.21 6.31 -50.53	155.71 7.84 -64.44	140.56 7.62 -51.81	118.30 6.53 -42.33	118.03 5.66 -52.84	102.41 5.19 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
NARROWS_GT1_2 24229	64.68 5.17 -3.89	61.11 5.10 -0.58	60.47 5.15 -0.01	60.07 4.91 -0.01	60.47 5.09 -0.01	62.08 5.23 0.00	83.33 6.03 0.00	89.59 6.65 -3.81	89.29 6.75 -6.68	85.17 6.39 -9.31	84.95 5.00 -24.39	79.09 4.87 -18.84	76.36 4.98 -16.06	79.03 4.98 -18.73	84.95 4.88 -24.64	103.76 6.05 -34.11	123.21 6.31 -50.53	155.71 7.84 -64.44	140.56 7.62 -51.81	118.30 6.53 -42.33	118.03 5.66 -52.84	102.41 5.19 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
NARROWS_GT1_3 24230	64.68 5.17 -3.89	61.11 5.10 -0.58	60.47 5.15 -0.01	60.07 4.91 -0.01	60.47 5.09 -0.01	62.08 5.23 0.00	83.33 6.03 0.00	89.59 6.65 -3.81	89.29 6.75 -6.68	85.17 6.39 -9.31	84.95 5.00 -24.39	79.09 4.87 -18.84	76.36 4.98 -16.06	79.03 4.98 -18.73	84.95 4.88 -24.64	103.76 6.05 -34.11	123.21 6.31 -50.53	155.71 7.84 -64.44	140.56 7.62 -51.81	118.30 6.53 -42.33	118.03 5.66 -52.84	102.41 5.19 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
NARROWS_GT1_4 24231	64.68 5.17 -3.89	61.11 5.10 -0.58	60.47 5.15 -0.01	60.07 4.91 -0.01	60.47 5.09 -0.01	62.08 5.23 0.00	83.33 6.03 0.00	89.59 6.65 -3.81	89.29 6.75 -6.68	85.17 6.39 -9.31	84.95 5.00 -24.39	79.09 4.87 -18.84	76.36 4.98 -16.06	79.03 4.98 -18.73	84.95 4.88 -24.64	103.76 6.05 -34.11	123.21 6.31 -50.53	155.71 7.84 -64.44	140.56 7.62 -51.81	118.30 6.53 -42.33	118.03 5.66 -52.84	102.41 5.19 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00

NARROWS_GT1_5 24232	64.68 5.17 -3.89	61.11 5.10 -0.58	60.47 5.15 -0.01	60.07 4.91 -0.01	60.47 5.09 -0.01	62.08 5.23 0.00	83.33 6.03 0.00	89.59 6.65 -3.81	89.29 6.75 -6.68	85.17 6.39 -9.31	84.95 5.00 -24.39	79.09 4.87 -18.84	76.36 4.98 -16.06	79.03 4.98 -18.73	84.95 4.88 -24.64	103.76 6.05 -34.11	123.21 6.31 -50.53	155.71 7.84 -64.44	140.56 7.62 -51.81	118.30 6.53 -42.33	118.03 5.66 -52.84	102.41 5.19 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
NARROWS_GT1_6 24233	64.68 5.17 -3.89	61.11 5.10 -0.58	60.47 5.15 -0.01	60.07 4.91 -0.01	60.47 5.09 -0.01	62.08 5.23 0.00	83.33 6.03 0.00	89.59 6.65 -3.81	89.29 6.75 -6.68	85.17 6.39 -9.31	84.95 5.00 -24.39	79.09 4.87 -18.84	76.36 4.98 -16.06	79.03 4.98 -18.73	84.95 4.88 -24.64	103.76 6.05 -34.11	123.21 6.31 -50.53	155.71 7.84 -64.44	140.56 7.62 -51.81	118.30 6.53 -42.33	118.03 5.66 -52.84	102.41 5.19 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
NARROWS_GT1_7 24234	64.68 5.17 -3.89	61.11 5.10 -0.58	60.47 5.15 -0.01	60.07 4.91 -0.01	60.47 5.09 -0.01	62.08 5.23 0.00	83.33 6.03 0.00	89.59 6.65 -3.81	89.29 6.75 -6.68	85.17 6.39 -9.31	84.95 5.00 -24.39	79.09 4.87 -18.84	76.36 4.98 -16.06	79.03 4.98 -18.73	84.95 4.88 -24.64	103.76 6.05 -34.11	123.21 6.31 -50.53	155.71 7.84 -64.44	140.56 7.62 -51.81	118.30 6.53 -42.33	118.03 5.66 -52.84	102.41 5.19 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
NARROWS_GT1_8 24235	64.68 5.17 -3.89	61.11 5.10 -0.58	60.47 5.15 -0.01	60.07 4.91 -0.01	60.47 5.09 -0.01	62.08 5.23 0.00	83.33 6.03 0.00	89.59 6.65 -3.81	89.29 6.75 -6.68	85.17 6.39 -9.31	84.95 5.00 -24.39	79.09 4.87 -18.84	76.36 4.98 -16.06	79.03 4.98 -18.73	84.95 4.88 -24.64	103.76 6.05 -34.11	123.21 6.31 -50.53	155.71 7.84 -64.44	140.56 7.62 -51.81	118.30 6.53 -42.33	118.03 5.66 -52.84	102.41 5.19 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
NARROWS_GT2_1 24236	64.68 5.17 -3.89	61.11 5.10 -0.58	60.47 5.15 -0.01	60.07 4.91 -0.01	60.47 5.09 -0.01	62.08 5.23 0.00	83.33 6.03 0.00	89.59 6.65 -3.81	89.29 6.75 -6.68	85.17 6.39 -9.31	84.95 5.00 -24.39	79.09 4.87 -18.84	76.36 4.98 -16.06	79.03 4.98 -18.73	84.95 4.88 -24.64	103.76 6.05 -34.11	123.21 6.31 -50.53	155.71 7.84 -64.44	140.56 7.62 -51.81	118.30 6.53 -42.33	118.03 5.66 -52.84	102.41 5.19 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
NARROWS_GT2_2 24237	64.68 5.17 -3.89	61.11 5.10 -0.58	60.47 5.15 -0.01	60.07 4.91 -0.01	60.47 5.09 -0.01	62.08 5.23 0.00	83.33 6.03 0.00	89.59 6.65 -3.81	89.29 6.75 -6.68	85.17 6.39 -9.31	84.95 5.00 -24.39	79.09 4.87 -18.84	76.36 4.98 -16.06	79.03 4.98 -18.73	84.95 4.88 -24.64	103.76 6.05 -34.11	123.21 6.31 -50.53	155.71 7.84 -64.44	140.56 7.62 -51.81	118.30 6.53 -42.33	118.03 5.66 -52.84	102.41 5.19 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
NARROWS_GT2_3 24238	64.68 5.17 -3.89	61.11 5.10 -0.58	60.47 5.15 -0.01	60.07 4.91 -0.01	60.47 5.09 -0.01	62.08 5.23 0.00	83.33 6.03 0.00	89.59 6.65 -3.81	89.29 6.75 -6.68	85.17 6.39 -9.31	84.95 5.00 -24.39	79.09 4.87 -18.84	76.36 4.98 -16.06	79.03 4.98 -18.73	84.95 4.88 -24.64	103.76 6.05 -34.11	123.21 6.31 -50.53	155.71 7.84 -64.44	140.56 7.62 -51.81	118.30 6.53 -42.33	118.03 5.66 -52.84	102.41 5.19 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
NARROWS_GT2_4 24239	64.68 5.17 -3.89	61.11 5.10 -0.58	60.47 5.15 -0.01	60.07 4.91 -0.01	60.47 5.09 -0.01	62.08 5.23 0.00	83.33 6.03 0.00	89.59 6.65 -3.81	89.29 6.75 -6.68	85.17 6.39 -9.31	84.95 5.00 -24.39	79.09 4.87 -18.84	76.36 4.98 -16.06	79.03 4.98 -18.73	84.95 4.88 -24.64	103.76 6.05 -34.11	123.21 6.31 -50.53	155.71 7.84 -64.44	140.56 7.62 -51.81	118.30 6.53 -42.33	118.03 5.66 -52.84	102.41 5.19 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
NARROWS_GT2_5 24240	64.68 5.17 -3.89	61.11 5.10 -0.58	60.47 5.15 -0.01	60.07 4.91 -0.01	60.47 5.09 -0.01	62.08 5.23 0.00	83.33 6.03 0.00	89.59 6.65 -3.81	89.29 6.75 -6.68	85.17 6.39 -9.31	84.95 5.00 -24.39	79.09 4.87 -18.84	76.36 4.98 -16.06	79.03 4.98 -18.73	84.95 4.88 -24.64	103.76 6.05 -34.11	123.21 6.31 -50.53	155.71 7.84 -64.44	140.56 7.62 -51.81	118.30 6.53 -42.33	118.03 5.66 -52.84	102.41 5.19 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
NARROWS_GT2_6 24241	64.68 5.17 -3.89	61.11 5.10 -0.58	60.47 5.15 -0.01	60.07 4.91 -0.01	60.47 5.09 -0.01	62.08 5.23 0.00	83.33 6.03 0.00	89.59 6.65 -3.81	89.29 6.75 -6.68	85.17 6.39 -9.31	84.95 5.00 -24.39	79.09 4.87 -18.84	76.36 4.98 -16.06	79.03 4.98 -18.73	84.95 4.88 -24.64	103.76 6.05 -34.11	123.21 6.31 -50.53	155.71 7.84 -64.44	140.56 7.62 -51.81	118.30 6.53 -42.33	118.03 5.66 -52.84	102.41 5.19 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
NARROWS_GT2_7 24242	64.68 5.17 -3.89	61.11 5.10 -0.58	60.47 5.15 -0.01	60.07 4.91 -0.01	60.47 5.09 -0.01	62.08 5.23 0.00	83.33 6.03 0.00	89.59 6.65 -3.81	89.29 6.75 -6.68	85.17 6.39 -9.31	84.95 5.00 -24.39	79.09 4.87 -18.84	76.36 4.98 -16.06	79.03 4.98 -18.73	84.95 4.88 -24.64	103.76 6.05 -34.11	123.21 6.31 -50.53	155.71 7.84 -64.44	140.56 7.62 -51.81	118.30 6.53 -42.33	118.03 5.66 -52.84	102.41 5.19 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
NARROWS_GT2_8 24243	64.68 5.17 -3.89	61.11 5.10 -0.58	60.47 5.15 -0.01	60.07 4.91 -0.01	60.47 5.09 -0.01	62.08 5.23 0.00	83.33 6.03 0.00	89.59 6.65 -3.81	89.29 6.75 -6.68	85.17 6.39 -9.31	84.95 5.00 -24.39	79.09 4.87 -18.84	76.36 4.98 -16.06	79.03 4.98 -18.73	84.95 4.88 -24.64	103.76 6.05 -34.11	123.21 6.31 -50.53	155.71 7.84 -64.44	140.56 7.62 -51.81	118.30 6.53 -42.33	118.03 5.66 -52.84	102.41 5.19 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	63.28 2.89 -4.78	58.96 2.83 -0.71	58.53 3.21 0.00	58.13 2.98 0.00	58.59 3.21 0.00	60.49 3.64 0.00	82.24 4.95 0.00	88.09 4.27 -4.69	88.19 4.10 -8.23	84.13 3.20 -11.46	87.86 2.28 -30.03	80.74 2.16 -23.20	77.26 2.16 -19.78	80.59 2.21 -23.06	88.15 2.38 -30.34	108.40 2.80 -42.00	115.25 4.25 -44.63	161.10 4.51 -73.16	149.41 4.46 -63.82	125.06 3.47 -52.15	127.54 2.92 -65.09	109.46 2.54 -51.64	102.53 3.76 -20.46	89.04 4.96 0.00
NCHELSEA_115KV_TR2 355582	64.38 4.89 -3.88	60.83 4.82 -0.57	60.08 4.76 0.00	59.62 4.47 0.00	60.08 4.71 0.00	62.03 5.17 0.00	83.94 6.65 0.00	90.13 7.20 -3.80	89.74 7.21 -6.67	85.02 6.25 -9.29	84.67 4.78 -24.34	78.83 4.65 -18.80	76.00 4.65 -16.03	78.65 4.65 -18.69	84.78 4.77 -24.59	103.50 5.85 -34.03	122.67 6.44 -49.87	155.87 8.26 -64.18	140.86 7.95 -51.78	118.35 6.60 -42.31	118.00 5.66 -52.81	102.24 5.08 -41.89	101.72 6.81 -16.60	91.06 6.98 0.00
NEG CAPITAL___MECHNVIL 23645	64.21 3.39 -5.20	59.58 3.38 -0.77	58.58 3.26 0.00	58.24 3.09 0.00	58.64 3.27 0.00	60.44 3.58 0.00	82.25 4.95 0.00	89.22 4.99 -5.10	89.75 4.93 -8.96	86.33 4.38 -12.48	91.53 3.28 -32.70	83.84 3.21 -25.26	80.06 3.21 -21.53	83.63 3.21 -25.10	91.73 3.27 -33.03	113.27 3.95 -45.72	116.07 4.25 -45.45	167.41 5.51 -78.47	155.97 5.44 -69.40	130.73 4.58 -56.71	134.19 3.87 -70.78	114.95 3.48 -56.19	105.51 4.94 -22.26	89.21 5.13 0.00



NEG CENTRAL_HIGH_ACRES 23767	53.86 -2.23 -0.47	53.06 -2.44 -0.07	52.11 -3.21 0.00	52.01 -3.14 0.00	52.55 -2.82 0.00	54.52 -2.33 0.00	73.90 -3.40 0.00	75.25 -4.35 -0.47	72.14 -4.55 -0.83	66.46 -4.17 -1.15	55.35 -3.22 -3.02	54.33 -3.38 -2.33	53.82 -3.48 -1.99	54.15 -3.48 -2.32	55.10 -3.38 -3.05	64.27 -3.56 -4.22	65.79 -3.58 -3.01	82.81 -5.09 -4.47	80.06 -4.87 -3.79	68.17 -4.37 -3.10	59.22 -4.17 -3.86	54.59 -3.70 -3.02	75.06 -4.46 -1.21	78.87 -5.21 0.00
NEG CENTRAL___DRP 24199	55.64 -0.50 -0.53	54.79 -0.72 -0.08	54.60 -0.72 0.00	54.32 -0.83 0.00	54.77 -0.61 0.00	56.85 0.00 0.00	77.53 0.23 0.00	79.33 -0.32 -0.52	76.09 -0.68 -0.91	69.98 -0.76 -1.27	58.26 -0.61 -3.32	57.17 -0.78 -2.57	56.68 -0.83 -2.19	56.98 -0.89 -2.55	58.12 -0.67 -3.35	67.74 -0.51 -4.64	68.34 -0.60 -2.57	86.40 -0.67 -3.63	83.52 -0.65 -3.04	71.23 -0.69 -2.48	61.78 -0.83 -3.08	56.84 -0.94 -2.51	78.30 -1.02 -1.01	83.16 -0.92 0.00
NEG CENTRAL___INDECK 23768	54.14 -2.17 -0.70	53.04 -2.49 -0.10	52.56 -2.76 0.00	52.51 -2.65 0.00	53.27 -2.10 0.00	55.55 -1.31 0.00	75.37 -1.93 0.00	76.53 -3.25 -0.64	73.20 -3.79 -1.13	67.30 -3.75 -1.57	56.73 -2.95 -4.12	55.29 -3.27 -3.18	54.60 -3.43 -2.71	55.11 -3.38 -3.16	56.54 -3.05 -4.16	66.58 -2.80 -5.77	64.53 -2.85 -1.02	80.47 -3.67 -0.71	78.05 -3.49 -0.41	66.66 -3.12 -0.34	56.81 -3.10 -0.37	52.46 -2.99 -0.17	74.65 -3.76 -0.10	80.05 -4.03 0.00
NEG CENTRAL___SENECA 23627	55.64 -0.56 -0.59	54.68 -0.83 -0.09	54.55 -0.77 0.00	54.38 -0.77 0.00	54.88 -0.50 0.00	57.08 0.23 0.00	77.84 0.54 0.00	79.46 -0.24 -0.57	76.10 -0.76 -1.00	70.04 -0.83 -1.39	58.48 -0.72 -3.65	57.31 -0.89 -2.82	56.73 -1.00 -2.40	57.13 -1.00 -2.80	58.34 -0.78 -3.68	68.20 -0.51 -5.10	66.62 -0.60 -0.85	83.35 -0.67 -0.59	80.82 -0.65 -0.33	68.96 -0.76 -0.28	58.95 -0.89 -0.30	54.49 -1.05 -0.27	77.27 -1.17 -0.13	83.16 -0.92 0.00
NEG CENTRAL___STATE_STREET 24147	56.02 -0.11 -0.52	55.23 -0.28 -0.08	54.99 -0.33 0.00	54.66 -0.50 0.00	54.99 -0.39 0.00	56.97 0.11 0.00	77.76 0.46 0.00	79.87 0.24 -0.51	76.75 0.00 -0.89	70.72 0.00 -1.24	58.75 -0.06 -3.25	57.67 -0.22 -2.51	57.24 -0.22 -2.14	57.54 -0.28 -2.50	58.55 -0.17 -3.28	68.22 0.06 -4.55	72.67 0.07 -6.24	93.55 0.17 -9.95	89.82 0.08 -8.61	76.40 -0.07 -7.03	68.09 -0.24 -8.79	62.06 -0.39 -7.17	80.83 -0.31 -2.84	83.75 -0.34 0.00
NEG MILLWOOD___DRP 24198	64.87 5.34 -3.92	61.16 5.15 -0.58	60.41 5.09 0.00	60.00 4.85 0.00	60.41 5.04 0.00	62.37 5.51 0.00	84.56 7.27 0.00	90.80 7.83 -3.84	90.57 7.97 -6.74	85.88 7.02 -9.38	85.54 5.39 -24.59	79.58 5.21 -19.00	76.77 5.26 -16.20	79.46 5.26 -18.88	85.65 5.38 -24.84	104.36 6.36 -34.39	124.10 6.97 -50.76	157.26 8.84 -64.98	142.05 8.60 -52.32	119.48 7.29 -42.75	119.15 6.25 -53.36	103.18 5.58 -42.33	102.37 7.28 -16.77	91.74 7.65 0.00
NEG NORTH_FLCN_SEA 23793	-7.47 -2.61 60.47	-7.42 -2.22 60.63	-7.42 -2.21 60.52	-7.41 -2.04 60.53	-7.47 -2.44 60.41	-7.48 -3.07 61.26	-7.47 -3.63 81.14	-7.41 -3.24 83.29	-7.47 -3.26 80.07	-4.89 -3.06 71.31	-5.67 -2.28 58.95	-5.67 -2.10 58.95	0.19 -1.99 53.14	0.12 -1.99 53.20	53.21 -2.22 0.00	58.76 -2.93 1.93	63.58 -2.79 0.00	80.09 -3.34 0.00	78.13 -3.00 0.00	67.36 -2.08 0.00	58.70 -0.83 0.00	54.77 -0.50 0.00	75.96 -2.35 0.00	81.98 -2.10 0.00
NEG NORTH_KES_CHATEGAY 23792	-11.48 -2.56 64.53	-11.49 -2.22 64.70	-11.43 -2.16 64.59	-11.43 -1.99 64.59	-11.42 -2.33 64.47	-11.54 -3.01 65.38	-12.93 -3.63 86.59	-13.00 -3.24 88.89	-12.85 -3.26 85.45	-9.69 -3.06 76.11	-9.75 -2.39 62.91	-9.75 -2.22 62.91	-3.60 -2.21 56.71	-3.67 -2.21 56.78	52.99 -2.44 0.00	58.57 -2.99 2.05	63.71 -2.65 0.00	80.26 -3.17 0.00	78.29 -2.84 0.00	67.50 -1.94 0.00	58.52 -1.01 0.00	54.50 -0.77 0.00	76.20 -2.11 0.00	82.15 -1.93 0.00
NEG NORTH___ALICE_FALLS 23915	-7.67 -2.17 61.11	-7.57 -1.72 61.28	-7.51 -1.66 61.17	-7.56 -1.54 61.17	-7.62 -1.94 61.05	-7.56 -2.50 61.91	-7.49 -2.78 82.00	-7.42 -2.37 84.18	-7.56 -2.50 80.92	-4.96 -2.36 72.07	-5.75 -1.72 59.58	-5.81 -1.61 59.57	0.01 -1.60 53.70	0.00 -1.55 53.77	53.55 -1.88 0.00	59.31 -2.35 1.95	64.31 -2.06 0.00	81.10 -2.34 0.00	79.10 -2.03 0.00	68.19 -1.25 0.00	59.30 -0.24 0.00	55.22 -0.06 0.00	76.75 -1.57 0.00	82.82 -1.26 0.00
NEG NORTH___LWR_SARANAC 23913	-7.67 -2.17 61.11	-7.57 -1.72 61.28	-7.51 -1.66 61.17	-7.56 -1.54 61.17	-7.62 -1.94 61.05	-7.56 -2.50 61.91	-7.49 -2.78 82.00	-7.42 -2.37 84.18	-7.56 -2.50 80.92	-4.96 -2.36 72.07	-5.75 -1.72 59.58	-5.81 -1.61 59.57	0.01 -1.60 53.70	0.00 -1.55 53.77	53.55 -1.88 0.00	59.31 -2.35 1.95	64.31 -2.06 0.00	81.10 -2.34 0.00	79.10 -2.03 0.00	68.19 -1.25 0.00	59.30 -0.24 0.00	55.22 -0.06 0.00	76.75 -1.57 0.00	82.82 -1.26 0.00
NEG NORTH___PLATTSBURG 23628	-7.67 -2.17 61.11	-7.57 -1.72 61.28	-7.57 -1.72 61.17	-7.62 -1.60 61.17	-7.62 -1.94 61.05	-7.56 -2.50 61.91	-7.48 -2.78 82.00	-7.42 -2.37 84.18	-7.56 -2.50 80.92	-4.96 -2.36 72.07	-5.80 -1.78 59.58	-5.81 -1.61 59.57	0.01 -1.61 53.70	0.00 -1.55 53.77	53.60 -1.83 0.00	59.31 -2.35 1.95	64.31 -2.06 0.00	81.10 -2.34 0.00	79.11 -2.03 0.00	68.19 -1.25 0.00	59.36 -0.18 0.00	55.16 -0.11 0.00	76.75 -1.57 0.00	82.82 -1.26 0.00
NEG WEST_LEA_LOCKPORT 23791	52.31 -3.89 -0.59	51.19 -4.32 -0.09	50.78 -4.54 0.00	50.90 -4.25 0.00	51.72 -3.65 0.00	53.90 -2.96 0.00	72.27 -5.02 0.00	71.22 -8.39 -0.48	68.20 -8.50 -0.84	62.93 -7.71 -1.17	52.71 -5.89 -3.05	51.58 -6.15 -2.35	51.02 -6.31 -2.01	51.41 -6.25 -2.34	52.30 -6.21 -3.08	61.00 -6.87 -4.26	61.48 -7.30 -2.41	76.28 -10.43 -3.27	73.94 -9.90 -2.70	62.76 -8.89 -2.21	54.29 -7.98 -2.73	50.33 -7.13 -2.19	70.66 -8.54 -0.88	75.51 -8.58 0.00
NEG WEST___LANCASTER 23811	51.13 -5.17 -0.69	49.93 -5.60 -0.10	53.66 -1.66 0.00	53.77 -1.38 0.00	54.60 -0.78 0.00	56.91 0.06 0.00	76.76 -0.54 0.00	74.47 -5.22 -0.56	71.69 -5.16 -0.98	65.84 -5.00 -1.37	55.18 -3.94 -3.57	54.15 -3.99 -2.76	53.64 -4.04 -2.36	54.03 -4.04 -2.75	55.16 -3.88 -3.61	64.29 -4.33 -5.00	62.43 -6.50 -2.56	79.55 -7.26 -3.38	76.27 -7.63 -2.76	65.73 -5.97 -2.26	58.05 -4.29 -2.80	52.76 -4.75 -2.24	71.07 -8.14 -0.91	81.06 -3.03 0.00
NEG_PENN_ALLEGHNY 23528	57.09 0.17 -1.31	55.62 0.00 -0.19	55.71 0.39 0.00	55.48 0.33 0.00	55.93 0.55 0.00	57.82 0.97 0.00	78.76 1.46 0.00	81.20 0.79 -1.28	78.71 0.60 -2.24	73.15 0.55 -3.12	64.12 0.39 -8.17	61.91 0.22 -6.31	60.87 0.17 -5.38	61.76 0.17 -6.27	63.96 0.28 -8.25	75.55 0.51 -11.44	79.60 0.20 -13.03	104.21 0.42 -20.36	98.98 0.33 -17.52	83.97 0.21 -14.32	77.59 0.18 -17.87	69.41 -0.06 -14.20	83.94 0.00 -5.62	84.75 0.67 0.00
NEG___GEN_MONROE 24207	54.38 -1.72 -0.49	53.56 -1.94 -0.07	52.50 -2.82 0.00	52.45 -2.70 0.00	53.16 -2.22 0.00	55.26 -1.59 0.00	74.59 -2.71 0.00	75.11 -4.51 -0.49	71.94 -4.78 -0.85	66.22 -4.45 -1.19	55.17 -3.50 -3.12	54.07 -3.71 -2.41	53.67 -3.71 -2.05	54.01 -3.71 -2.39	54.98 -3.60 -3.15	64.03 -3.94 -4.36	64.76 -4.05 -2.44	81.06 -5.84 -3.47	78.68 -5.35 -2.90	66.88 -4.93 -2.38	57.66 -4.82 -2.94	53.22 -4.42 -2.37	74.41 -4.86 -0.95	78.62 -5.47 0.00

NEPA__ENERGY 23901	52.87 -3.39 -0.66	51.59 -3.94 -0.10	52.00 -3.32 0.00	52.23 -2.92 0.00	53.33 -2.05 0.00	55.72 -1.14 0.00	75.06 -2.24 0.00	73.96 -5.70 -0.52	70.93 -5.84 -0.91	65.33 -5.42 -1.27	54.82 -4.06 -3.32	53.51 -4.43 -2.56	52.81 -4.70 -2.19	53.11 -4.76 -2.55	54.07 -4.71 -3.35	63.23 -5.03 -4.64	62.65 -6.04 -2.32	78.61 -7.84 -3.02	75.96 -7.63 -2.45	64.64 -6.81 -2.01	56.13 -5.89 -2.49	51.74 -5.53 -2.00	71.84 -7.28 -0.81	78.62 -5.47 0.00
NEVERSINK__HYD 23608	64.15 5.01 -3.53	60.83 4.88 -0.52	60.19 4.87 0.00	59.73 4.58 0.00	60.19 4.82 0.00	62.26 5.40 0.00	84.56 7.26 0.00	90.35 7.76 -3.46	89.52 7.59 -6.07	84.26 6.32 -8.46	82.44 4.72 -22.17	76.99 4.48 -17.13	74.40 4.48 -14.60	76.88 4.54 -17.02	82.53 4.71 -22.40	100.59 5.98 -31.00	116.46 6.70 -43.39	149.87 8.76 -57.68	136.82 8.60 -47.09	114.86 6.94 -38.48	113.46 5.90 -48.03	98.71 5.31 -38.13	100.47 7.05 -15.11	91.23 7.14 0.00
NEWKRMKL_115KV_TB1 55635	63.12 2.39 -5.12	58.57 2.38 -0.76	57.70 2.38 0.00	57.36 2.21 0.00	57.70 2.33 0.00	59.41 2.56 0.00	80.47 3.17 0.00	87.39 3.24 -5.01	87.85 3.19 -8.80	84.65 2.92 -12.26	90.07 2.39 -32.13	82.57 2.38 -24.82	78.86 2.38 -21.16	82.37 2.38 -24.67	90.27 2.38 -32.45	110.82 2.29 -44.92	112.99 2.32 -44.30	163.31 2.84 -77.04	152.16 2.76 -68.26	127.58 2.36 -55.78	131.12 1.96 -69.62	112.28 1.77 -55.24	103.10 2.90 -21.89	87.62 3.53 0.00
NEWTON__FALLS_HYD 23847	61.19 -1.33 -6.91	61.11 -1.16 -6.84	61.03 -1.11 -6.81	60.97 -0.99 -6.81	60.90 -1.27 -6.80	62.05 -1.71 -6.90	84.89 -1.55 -9.13	87.50 -1.11 -9.48	83.85 -1.21 -9.20	77.00 -0.76 -8.28	61.97 -0.89 -7.30	61.75 -0.78 -7.15	60.91 -0.83 -6.42	61.05 -0.77 -6.50	55.11 -1.00 -0.67	63.80 -0.95 -1.15	66.43 -0.86 -0.92	84.09 -0.92 -1.58	81.71 -0.81 -1.39	69.95 -0.62 -1.14	60.48 -0.48 -1.42	55.92 -0.50 -1.15	77.83 -0.94 -0.45	82.65 -1.43 0.00
NGRID_A1_DSASP 323792	51.93 -4.28 -0.60	50.75 -4.77 -0.09	50.01 -5.31 0.00	50.19 -4.96 0.00	50.94 -4.43 0.00	53.05 -3.81 0.00	70.96 -6.34 0.00	69.77 -9.82 -0.46	66.80 -9.86 -0.79	61.62 -8.96 -1.10	51.55 -6.89 -2.88	50.46 -7.14 -2.23	49.98 -7.25 -1.90	50.29 -7.25 -2.22	51.03 -7.32 -2.91	59.63 -8.02 -4.03	60.26 -8.63 -2.52	75.86 -11.01 -3.44	73.42 -10.55 -2.83	62.39 -9.38 -2.32	53.77 -8.63 -2.87	50.13 -7.35 -2.21	69.42 -9.79 -0.89	74.33 -9.75 0.00
NGRID_A2_DSASP 323793	51.93 -4.28 -0.60	50.75 -4.77 -0.09	50.01 -5.31 0.00	50.19 -4.96 0.00	50.94 -4.43 0.00	53.05 -3.81 0.00	70.96 -6.34 0.00	69.77 -9.82 -0.46	66.80 -9.86 -0.79	61.62 -8.96 -1.10	51.55 -6.89 -2.88	50.46 -7.14 -2.23	49.98 -7.25 -1.90	50.29 -7.25 -2.22	51.03 -7.32 -2.91	59.63 -8.02 -4.03	60.26 -8.63 -2.52	75.86 -11.01 -3.44	73.42 -10.55 -2.83	62.39 -9.38 -2.32	53.77 -8.63 -2.87	50.13 -7.35 -2.21	69.42 -9.79 -0.89	74.33 -9.75 0.00
NGRID_A4_DSASP 323807	51.93 -4.28 -0.60	50.75 -4.77 -0.09	50.01 -5.31 0.00	50.19 -4.96 0.00	50.94 -4.43 0.00	53.05 -3.81 0.00	70.96 -6.34 0.00	69.77 -9.82 -0.46	66.80 -9.86 -0.79	61.62 -8.96 -1.10	51.55 -6.89 -2.88	50.46 -7.14 -2.23	49.98 -7.25 -1.90	50.29 -7.25 -2.22	51.03 -7.32 -2.91	59.63 -8.02 -4.03	60.26 -8.63 -2.52	75.86 -11.01 -3.44	73.42 -10.55 -2.83	62.39 -9.38 -2.32	53.77 -8.63 -2.87	50.13 -7.35 -2.21	69.42 -9.79 -0.89	74.33 -9.75 0.00
NIAGARA_115E_LBMP 323715	51.77 -4.45 -0.61	50.64 -4.88 -0.09	50.06 -5.26 0.00	50.24 -4.91 0.00	51.00 -4.38 0.00	53.10 -3.75 0.00	71.11 -6.19 0.00	69.79 -9.82 -0.47	66.90 -9.79 -0.82	61.73 -8.89 -1.14	51.70 -6.84 -2.98	50.59 -7.09 -2.31	50.04 -7.25 -1.97	50.42 -7.19 -2.29	51.18 -7.26 -3.01	59.83 -7.95 -4.17	61.05 -7.83 -2.51	75.53 -11.35 -3.44	73.11 -10.87 -2.85	62.04 -9.72 -2.33	53.72 -8.69 -2.87	50.03 -7.46 -2.22	69.49 -9.71 -0.89	74.67 -9.42 0.00
NIAGARA_115W_LBMP 323714	51.82 -4.39 -0.60	50.70 -4.82 -0.09	49.96 -5.37 0.00	50.08 -5.07 0.00	50.84 -4.54 0.00	52.93 -3.92 0.00	70.80 -6.49 0.00	69.61 -9.97 -0.45	66.64 -10.02 -0.79	61.48 -9.10 -1.10	51.42 -7.00 -2.87	50.34 -7.25 -2.22	49.86 -7.36 -1.89	50.17 -7.36 -2.21	50.90 -7.43 -2.90	59.48 -8.14 -4.01	60.19 -8.69 -2.52	75.78 -11.10 -3.44	73.34 -10.63 -2.83	62.32 -9.44 -2.33	53.72 -8.69 -2.87	50.08 -7.40 -2.22	69.26 -9.95 -0.90	74.16 -9.92 0.00
NIAGARA_230_LBMP 323716	52.20 -4.00 -0.60	51.08 -4.44 -0.09	50.45 -4.87 0.00	50.57 -4.58 0.00	51.34 -4.04 0.00	53.45 -3.41 0.00	71.58 -5.72 0.00	70.47 -9.10 -0.44	67.52 -9.11 -0.76	62.27 -8.27 -1.06	51.98 -6.33 -2.76	50.92 -6.59 -2.13	50.39 -6.75 -1.82	50.74 -6.70 -2.12	51.45 -6.76 -2.79	60.09 -7.38 -3.86	60.87 -8.03 -2.53	75.88 -11.01 -3.46	73.45 -10.55 -2.87	62.41 -9.38 -2.35	54.04 -8.39 -2.89	50.16 -7.35 -2.24	70.06 -9.16 -0.91	75.09 -9.00 0.00
NIAGARA__115KV_198_GIBSON 55903	51.82 -4.39 -0.60	50.70 -4.82 -0.09	49.95 -5.37 0.00	50.08 -5.07 0.00	50.83 -4.54 0.00	52.93 -3.92 0.00	70.80 -6.49 0.00	69.62 -9.97 -0.46	66.65 -10.01 -0.80	61.48 -9.10 -1.11	51.50 -6.94 -2.89	50.36 -7.25 -2.24	49.87 -7.36 -1.91	50.24 -7.30 -2.22	51.09 -7.26 -2.92	59.51 -8.14 -4.04	60.06 -8.76 -2.45	75.66 -11.10 -3.33	73.40 -10.47 -2.73	62.24 -9.44 -2.24	53.61 -8.69 -2.77	49.97 -7.52 -2.22	69.26 -9.95 -0.90	74.16 -9.92 0.00
NIAGARA____ 23760	52.21 -4.00 -0.60	51.08 -4.44 -0.09	50.45 -4.87 0.00	50.57 -4.58 0.00	51.34 -4.04 0.00	53.45 -3.41 0.00	71.58 -5.72 0.00	70.48 -9.10 -0.45	67.54 -9.11 -0.78	62.29 -8.27 -1.08	52.05 -6.33 -2.83	50.97 -6.59 -2.19	50.44 -6.75 -1.87	50.80 -6.70 -2.17	51.52 -6.76 -2.86	60.19 -7.38 -3.96	60.87 -8.03 -2.53	75.88 -11.01 -3.46	73.45 -10.55 -2.86	62.41 -9.38 -2.34	54.03 -8.39 -2.89	50.16 -7.35 -2.24	70.06 -9.16 -0.91	75.09 -9.00 0.00
NINE_MILE_1 23575	53.91 -1.95 -0.25	53.47 -1.99 -0.04	53.22 -2.10 0.00	53.00 -2.15 0.00	53.27 -2.10 0.00	54.92 -1.93 0.00	74.67 -2.63 0.00	76.53 -2.85 -0.24	73.48 -2.81 -0.42	67.50 -2.57 -0.59	55.05 -2.05 -1.55	54.47 -2.10 -1.20	54.18 -2.16 -1.02	54.35 -2.16 -1.19	54.89 -2.11 -1.56	63.49 -2.29 -2.16	66.09 -2.45 -2.18	84.07 -3.09 -3.72	81.41 -3.00 -3.28	69.48 -2.64 -2.68	60.50 -2.38 -3.35	55.71 -2.21 -2.66	76.55 -2.82 -1.05	81.06 -3.02 0.00
NINE_MILE_2 23744	53.96 -1.89 -0.25	53.47 -1.99 -0.04	53.22 -2.10 0.00	53.00 -2.15 0.00	53.27 -2.10 0.00	54.92 -1.93 0.00	74.67 -2.63 0.00	76.53 -2.85 -0.24	73.48 -2.81 -0.42	67.49 -2.57 -0.58	55.03 -2.05 -1.53	54.45 -2.10 -1.18	54.17 -2.16 -1.01	54.33 -2.16 -1.17	54.87 -2.11 -1.54	63.48 -2.29 -2.16	66.09 -2.45 -2.17	84.06 -3.09 -3.71	81.41 -3.00 -3.27	69.48 -2.64 -2.67	60.49 -2.38 -3.34	55.71 -2.21 -2.65	76.55 -2.82 -1.05	81.06 -3.02 0.00
NM_CAPITAL__DRP 24208	63.16 2.45 -5.10	58.62 2.44 -0.75	57.70 2.38 0.00	57.41 2.26 0.00	57.76 2.38 0.00	59.47 2.62 0.00	80.54 3.25 0.00	87.38 3.24 -5.00	87.90 3.26 -8.78	84.70 2.99 -12.23	90.05 2.44 -32.05	82.52 2.38 -24.76	78.81 2.38 -21.11	82.31 2.38 -24.61	90.19 2.38 -32.38	110.85 2.42 -44.82	113.15 2.46 -44.33	163.35 3.00 -76.91	152.16 2.92 -68.11	127.60 2.50 -55.66	131.14 2.14 -69.46	112.32 1.93 -55.12	103.13 2.98 -21.84	87.70 3.62 0.00

NM_CENTRAL___DRP 24181	55.19 -0.78 -0.36	54.60 -0.89 -0.05	54.32 -1.00 0.00	54.05 -1.10 0.00	54.38 -1.00 0.00	56.17 -0.68 0.00	76.52 -0.77 0.00	78.54 -0.95 -0.35	75.42 -1.06 -0.62	69.37 -0.97 -0.87	57.05 -0.78 -2.27	56.24 -0.89 -1.75	55.93 -0.89 -1.50	56.12 -0.94 -1.74	56.89 -0.83 -2.29	65.96 -0.83 -3.18	68.60 -0.93 -3.16	87.65 -1.17 -5.39	84.67 -1.22 -4.75	72.21 -1.11 -3.88	63.25 -1.13 -4.85	58.07 -1.11 -3.91	78.61 -1.25 -1.55	82.74 -1.35 0.00
NM_FRONTIER___DRP 24179	51.82 -4.39 -0.60	50.70 -4.82 -0.09	49.95 -5.37 0.00	50.08 -5.07 0.00	50.83 -4.54 0.00	52.93 -3.92 0.00	70.80 -6.49 0.00	69.62 -9.97 -0.46	66.65 -10.01 -0.80	61.48 -9.10 -1.11	51.50 -6.94 -2.89	50.36 -7.25 -2.24	49.87 -7.36 -1.91	50.24 -7.30 -2.22	51.09 -7.26 -2.92	59.51 -8.14 -4.04	60.06 -8.76 -2.45	75.66 -11.10 -3.33	73.40 -10.47 -2.73	62.24 -9.44 -2.24	53.61 -8.69 -2.77	49.97 -7.52 -2.22	69.26 -9.95 -0.90	74.16 -9.92 0.00
NM_ST_REGIS___HYD 24053	70.75 -1.67 -16.81	71.01 -1.27 -16.85	70.93 -1.22 -16.82	70.93 -1.05 -16.82	70.62 -1.55 -16.79	71.44 -2.44 -17.03	97.07 -2.78 -22.55	99.91 -2.37 -23.15	95.69 -2.43 -22.26	87.22 -2.08 -19.82	70.50 -1.44 -16.39	70.49 -1.27 -16.39	68.87 -1.22 -14.77	68.89 -1.22 -14.79	53.77 -1.66 0.00	61.98 -2.16 -0.54	64.38 -1.99 0.00	81.01 -2.42 0.00	78.94 -2.19 0.00	67.84 -1.60 0.00	58.52 -1.01 0.00	54.39 -0.88 0.00	76.51 -1.80 0.00	82.40 -1.68 0.00
NORTHPORT___1 23551	90.94 6.34 -29.00	75.48 6.37 -13.67	72.06 6.47 -10.27	70.66 6.23 -9.28	75.26 6.42 -13.46	74.89 6.82 -11.21	106.82 8.43 -21.10	127.62 8.94 -39.55	109.62 8.87 -24.88	87.47 7.99 -10.01	86.06 6.11 -24.39	79.87 5.65 -18.84	77.25 5.86 -16.07	80.03 5.98 -18.73	85.73 5.66 -24.64	107.75 7.19 -36.95	132.24 7.37 -58.51	156.48 8.60 -64.45	141.46 8.52 -51.81	131.58 7.57 -54.57	126.02 6.61 -59.87	118.63 6.03 -57.34	110.18 8.22 -23.64	102.84 8.41 -10.35
NORTHPORT___2 23552	90.94 6.34 -29.00	75.48 6.37 -13.67	72.06 6.47 -10.27	70.66 6.23 -9.28	75.26 6.42 -13.46	74.89 6.82 -11.21	106.82 8.43 -21.10	127.62 8.94 -39.55	109.62 8.87 -24.88	87.47 7.99 -10.01	86.06 6.11 -24.39	79.87 5.65 -18.84	77.25 5.86 -16.07	80.03 5.98 -18.73	85.73 5.66 -24.64	107.75 7.19 -36.95	132.24 7.37 -58.51	156.48 8.60 -64.45	141.46 8.52 -51.81	131.58 7.57 -54.57	126.02 6.61 -59.87	118.63 6.03 -57.34	110.18 8.22 -23.64	102.84 8.41 -10.35
NORTHPORT___3 23553	90.50 5.89 -29.00	74.92 5.82 -13.67	71.46 5.86 -10.27	70.06 5.63 -9.28	74.70 5.87 -13.46	74.27 6.20 -11.21	106.20 7.80 -21.10	126.98 8.31 -39.55	109.09 8.35 -24.88	87.13 7.64 -10.01	85.90 5.95 -24.39	79.76 5.54 -18.84	77.09 5.70 -16.07	79.91 5.86 -18.73	85.61 5.54 -24.64	107.56 7.00 -36.95	132.24 7.37 -58.51	156.98 9.10 -64.45	141.87 8.92 -51.81	131.58 7.57 -54.57	125.96 6.55 -59.87	118.58 5.97 -57.34	109.95 7.99 -23.64	102.67 8.24 -10.35
NORTHPORT___4 23650	90.50 5.89 -29.00	74.92 5.82 -13.67	71.46 5.86 -10.27	70.06 5.63 -9.28	74.70 5.87 -13.46	74.27 6.20 -11.21	106.20 7.80 -21.10	126.98 8.31 -39.55	109.09 8.35 -24.88	87.13 7.64 -10.01	85.90 5.95 -24.39	79.76 5.54 -18.84	77.09 5.70 -16.07	79.91 5.86 -18.73	85.61 5.54 -24.64	107.56 7.00 -36.95	132.24 7.37 -58.51	156.98 9.10 -64.45	141.87 8.92 -51.81	131.58 7.57 -54.57	125.96 6.55 -59.87	118.58 5.97 -57.34	109.95 7.99 -23.64	102.67 8.24 -10.35
NORTHPORT___IC 23718	90.95 6.34 -29.00	75.48 6.37 -13.67	72.01 6.42 -10.27	70.67 6.23 -9.28	75.20 6.37 -13.46	74.89 6.82 -11.21	106.59 8.19 -21.10	127.62 8.94 -39.54	109.54 8.80 -24.88	87.54 8.06 -10.00	85.54 5.61 -24.38	79.52 5.32 -18.83	76.63 5.26 -16.05	79.40 5.37 -18.72	85.49 5.43 -24.63	107.73 7.19 -36.93	132.28 7.37 -58.54	156.19 8.26 -64.50	140.86 7.87 -51.86	131.61 7.57 -54.61	126.06 6.61 -59.92	118.69 6.08 -57.34	110.26 8.30 -23.64	102.84 8.41 -10.35
NORTH___COUNTRY_ESR 323785	-11.74 -2.72 64.62	-11.75 -2.38 64.80	-11.68 -2.32 64.68	-11.68 -2.15 64.68	-11.73 -2.55 64.56	-11.80 -3.18 65.47	-13.28 -3.86 86.71	-13.44 -3.56 89.01	-13.19 -3.49 85.57	-10.00 -3.26 76.21	-10.00 -2.55 63.00	-10.00 -2.38 63.00	-3.79 -2.32 56.79	-3.92 -2.38 56.86	52.88 -2.55 0.00	58.37 -3.18 2.06	63.45 -2.92 0.00	79.93 -3.50 0.00	77.97 -3.17 0.00	67.21 -2.22 0.00	58.35 -1.19 0.00	54.28 -0.99 0.00	75.97 -2.35 0.00	81.90 -2.19 0.00
NPX_GEN_1385_PROXY 323591	91.00 6.39 -29.00	75.98 6.87 -13.67	72.90 7.30 -10.27	71.60 7.17 -9.28	76.09 7.25 -13.46	75.69 7.62 -11.21	106.67 8.27 -21.10	127.46 8.78 -39.55	109.09 8.35 -24.88	86.58 7.09 -10.01	85.56 5.61 -24.39	79.65 5.43 -18.84	77.36 5.98 -16.07	79.86 5.81 -18.73	85.78 5.71 -24.64	108.00 7.44 -36.95	132.24 7.37 -58.51	155.81 7.93 -64.45	141.46 8.52 -51.81	131.09 7.09 -54.57	125.60 6.19 -59.87	118.30 5.69 -57.34	109.95 7.99 -23.64	102.00 7.57 -10.35
NPX_GEN_CSC 323557	93.01 8.40 -29.00	77.42 8.31 -13.67	73.95 8.35 -10.27	72.54 8.11 -9.28	77.20 8.36 -13.46	76.88 8.81 -11.21	109.91 11.52 -21.10	130.70 12.02 -39.55	112.57 11.83 -24.88	90.04 10.56 -10.01	87.45 7.50 -24.39	80.97 6.75 -18.84	78.24 6.86 -16.07	81.19 7.14 -18.73	86.06 5.99 -24.64	108.32 7.76 -36.95	133.24 8.36 -58.51	158.48 10.60 -64.45	143.33 10.39 -51.81	132.83 8.82 -54.57	126.97 7.56 -59.87	119.46 6.85 -57.34	112.21 10.26 -23.64	105.02 10.59 -10.35
NSINS_S___GLNS_FALLS 23858	64.19 3.34 -5.24	59.53 3.33 -0.77	58.31 2.99 0.00	57.96 2.81 0.00	58.37 2.99 0.00	60.27 3.41 0.00	82.17 4.87 0.00	89.25 4.99 -5.14	89.73 4.86 -9.01	86.34 4.31 -12.55	91.57 3.11 -32.90	83.78 2.99 -25.42	79.98 2.99 -21.67	83.62 3.04 -25.26	91.83 3.16 -33.24	113.44 3.82 -46.01	116.23 4.25 -45.62	168.02 5.59 -79.00	156.73 5.68 -69.92	131.22 4.65 -57.13	134.83 3.99 -71.31	115.33 3.48 -56.58	105.66 4.93 -22.42	89.21 5.13 0.00
NUCOR_STEEL___DRP 24197	56.11 0.00 -0.50	55.34 -0.17 -0.07	55.04 -0.28 0.00	54.71 -0.44 0.00	55.10 -0.28 0.00	56.97 0.11 0.00	77.68 0.39 0.00	79.77 0.16 -0.49	76.57 -0.15 -0.85	70.53 -0.14 -1.19	58.56 -0.11 -3.12	57.51 -0.28 -2.41	57.10 -0.28 -2.05	57.38 -0.33 -2.39	58.41 -0.17 -3.15	67.97 0.00 -4.36	72.63 0.00 -6.26	93.45 0.00 -10.01	89.80 0.00 -8.67	76.39 -0.14 -7.08	68.15 -0.24 -8.86	62.05 -0.44 -7.22	80.85 -0.31 -2.85	83.75 -0.34 0.00
NUMBER_THREE_WT_PWR 323818	58.38 -0.33 -3.11	58.04 -0.39 -2.99	57.96 -0.33 -2.97	57.73 -0.38 -2.97	58.00 -0.33 -2.96	59.57 -0.28 -3.00	81.82 0.54 -3.98	84.38 1.03 -4.22	80.79 0.76 -4.17	74.70 1.39 -3.83	59.55 0.22 -3.77	59.11 0.17 -3.57	58.51 0.00 -3.19	58.72 0.11 -3.29	56.44 0.11 -0.89	66.02 1.08 -1.33	68.90 1.26 -1.27	87.43 1.83 -2.17	84.91 1.87 -1.91	72.53 1.53 -1.56	62.74 1.25 -1.95	57.65 0.83 -1.55	79.87 0.94 -0.61	84.00 -0.08 0.00
NYISO_LBMP_REFERENCE 24008	55.61 0.00 0.00	55.43 0.00 0.00	55.32 0.00 0.00	55.15 0.00 0.00	55.38 0.00 0.00	56.85 0.00 0.00	77.30 0.00 0.00	79.13 0.00 0.00	75.86 0.00 0.00	69.48 0.00 0.00	55.55 0.00 0.00	55.38 0.00 0.00	55.32 0.00 0.00	55.32 0.00 0.00	55.43 0.00 0.00	63.61 0.00 0.00	66.37 0.00 0.00	83.43 0.00 0.00	81.13 0.00 0.00	69.44 0.00 0.00	59.54 0.00 0.00	55.27 0.00 0.00	78.31 0.00 0.00	84.08 0.00 0.00

NYPA_BRENTWD____GT 24164	91.73 7.12 -29.00	76.14 7.04 -13.67	72.73 7.14 -10.27	71.33 6.89 -9.28	75.93 7.09 -13.46	75.57 7.50 -11.21	107.98 9.58 -21.10	128.49 9.81 -39.55	110.76 10.01 -24.88	88.51 9.03 -10.01	86.78 6.83 -24.39	80.59 6.37 -18.84	77.91 6.52 -16.07	80.74 6.69 -18.73	86.44 6.37 -24.64	108.58 8.01 -36.95	132.84 7.96 -58.51	157.64 9.76 -64.45	142.52 9.57 -51.81	132.27 8.26 -54.57	126.73 7.32 -59.87	119.46 6.85 -57.34	111.27 9.31 -23.64	104.01 9.58 -10.35
NYPA_GOWANUS____GT5 24156	64.62 5.11 -3.89	61.11 5.10 -0.58	60.41 5.09 -0.01	60.01 4.85 -0.01	60.42 5.04 -0.01	62.08 5.23 0.00	83.25 5.95 0.00	82.22 6.56 3.47	82.30 6.75 0.31	84.09 6.32 -8.29	68.73 5.00 -8.18	67.73 4.87 -7.48	67.72 4.92 -7.48	67.72 4.92 -7.48	68.73 4.88 -8.42	78.06 6.05 -8.40	68.64 6.31 4.04	100.27 7.84 -9.00	85.53 7.62 3.22	68.91 6.53 7.06	68.73 5.59 -3.60	76.64 5.19 -16.18	82.53 6.89 2.68	70.38 7.06 20.77
NYPA_GOWANUS____GT6 24157	64.62 5.11 -3.89	61.11 5.10 -0.58	60.41 5.09 -0.01	60.01 4.85 -0.01	60.42 5.04 -0.01	62.08 5.23 0.00	83.25 5.95 0.00	82.22 6.56 3.47	82.30 6.75 0.31	84.09 6.32 -8.29	68.73 5.00 -8.18	67.73 4.87 -7.48	67.72 4.92 -7.48	67.72 4.92 -7.48	68.73 4.88 -8.42	78.06 6.05 -8.40	68.64 6.31 4.04	100.27 7.84 -9.00	85.53 7.62 3.22	68.91 6.53 7.06	68.73 5.59 -3.60	76.64 5.19 -16.18	82.53 6.89 2.68	70.38 7.06 20.77
NYPA_HARLEM__RVR__GT1 24160	64.79 5.29 -3.89	61.22 5.21 -0.58	60.64 5.31 -0.01	60.23 5.07 -0.01	60.65 5.26 -0.01	62.55 5.68 -0.01	83.48 6.19 0.00	89.66 6.72 -3.81	89.29 6.75 -6.68	85.25 6.46 -9.31	84.89 4.94 -24.39	79.03 4.82 -18.84	76.31 4.92 -16.06	78.97 4.92 -18.73	84.89 4.82 -24.64	103.82 6.11 -34.11	123.14 6.24 -50.53	155.22 7.34 -64.44	140.40 7.46 -51.81	118.30 6.53 -42.33	118.09 5.72 -52.84	102.70 5.47 -41.96	102.38 7.44 -16.63	91.74 7.65 -0.01
NYPA_HARLEM__RVR__GT2 24161	64.79 5.29 -3.89	61.22 5.21 -0.58	60.64 5.31 -0.01	60.23 5.07 -0.01	60.65 5.26 -0.01	62.55 5.68 -0.01	83.48 6.19 0.00	89.66 6.72 -3.81	89.29 6.75 -6.68	85.25 6.46 -9.31	84.89 4.94 -24.39	79.03 4.82 -18.84	76.31 4.92 -16.06	78.97 4.92 -18.73	84.89 4.82 -24.64	103.82 6.11 -34.11	123.14 6.24 -50.53	155.22 7.34 -64.44	140.40 7.46 -51.81	118.30 6.53 -42.33	118.09 5.72 -52.84	102.70 5.47 -41.96	102.38 7.44 -16.63	91.74 7.65 -0.01
NYPA_KENT____GT 24152	64.68 5.17 -3.89	61.11 5.10 -0.58	60.47 5.15 -0.01	60.07 4.91 -0.01	60.48 5.09 -0.01	62.14 5.29 0.00	83.33 6.03 0.00	89.59 6.65 -3.81	89.37 6.83 -6.68	85.17 6.39 -9.31	85.00 5.05 -24.39	79.14 4.93 -18.84	76.36 4.98 -16.06	79.03 4.98 -18.73	84.95 4.88 -24.64	103.76 6.05 -34.11	123.21 6.31 -50.53	155.71 7.84 -64.44	140.56 7.62 -51.81	118.30 6.53 -42.33	117.97 5.59 -52.84	102.41 5.19 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00
NYPA_POUCH1____GT 24155	64.40 4.89 -3.89	60.89 4.88 -0.58	60.25 4.92 -0.01	59.84 4.69 -0.01	60.26 4.87 -0.01	61.80 4.94 0.00	82.87 5.57 0.00	89.11 6.18 -3.81	88.92 6.37 -6.68	84.76 5.98 -9.31	84.66 4.72 -24.39	78.81 4.59 -18.84	76.03 4.65 -16.06	78.69 4.65 -18.73	84.67 4.60 -24.64	103.44 5.73 -34.11	122.88 5.98 -50.53	155.30 7.42 -64.44	140.16 7.22 -51.81	117.95 6.18 -42.33	117.73 5.36 -52.84	102.14 4.92 -41.95	101.43 6.50 -16.62	90.72 6.64 0.00
NYPA_VERNON____GT2 24162	64.68 5.17 -3.89	61.17 5.16 -0.58	60.48 5.15 -0.01	60.07 4.91 -0.01	60.48 5.09 -0.01	62.20 5.34 0.00	83.48 6.19 0.00	89.74 6.81 -3.81	89.45 6.90 -6.68	85.31 6.53 -9.31	85.05 5.11 -24.39	79.20 4.99 -18.84	76.42 5.03 -16.06	79.08 5.03 -18.73	85.06 4.99 -24.64	103.82 6.11 -34.11	123.27 6.37 -50.53	155.71 7.84 -64.44	140.56 7.62 -51.81	118.30 6.53 -42.33	118.03 5.66 -52.84	102.47 5.25 -41.95	101.98 7.05 -16.62	91.32 7.23 0.00
NYPA_VERNON____GT3 24163	64.68 5.17 -3.89	61.17 5.16 -0.58	60.48 5.15 -0.01	60.07 4.91 -0.01	60.48 5.09 -0.01	62.20 5.34 0.00	83.48 6.19 0.00	89.74 6.81 -3.81	89.45 6.90 -6.68	85.31 6.53 -9.31	85.05 5.11 -24.39	79.20 4.99 -18.84	76.42 5.03 -16.06	79.08 5.03 -18.73	85.06 4.99 -24.64	103.82 6.11 -34.11	123.27 6.37 -50.53	155.71 7.84 -64.44	140.56 7.62 -51.81	118.30 6.53 -42.33	118.03 5.66 -52.84	102.47 5.25 -41.95	101.98 7.05 -16.62	91.32 7.23 0.00
NYPA__ASTORIA_CC1 323568	64.73 5.23 -3.89	61.17 5.16 -0.58	60.53 5.20 -0.01	60.13 4.97 -0.01	60.53 5.15 -0.01	62.20 5.34 0.00	83.40 6.11 0.00	89.66 6.72 -3.81	89.37 6.83 -6.68	85.25 6.46 -9.31	85.00 5.05 -24.39	79.14 4.93 -18.84	76.42 5.03 -16.06	79.03 4.98 -18.73	85.00 4.93 -24.64	103.82 6.11 -34.11	123.21 6.31 -50.53	155.54 7.67 -64.44	140.48 7.55 -51.81	118.23 6.46 -42.33	117.97 5.59 -52.84	102.41 5.19 -41.95	101.98 7.05 -16.62	91.32 7.23 0.00
NYPA__ASTORIA_CC2 323569	64.73 5.23 -3.89	61.17 5.16 -0.58	60.53 5.20 -0.01	60.13 4.97 -0.01	60.53 5.15 -0.01	62.20 5.34 0.00	83.40 6.11 0.00	89.66 6.72 -3.81	89.37 6.83 -6.68	85.25 6.46 -9.31	85.00 5.05 -24.39	79.14 4.93 -18.84	76.42 5.03 -16.06	79.03 4.98 -18.73	85.00 4.93 -24.64	103.82 6.11 -34.11	123.21 6.31 -50.53	155.54 7.67 -64.44	140.48 7.55 -51.81	118.23 6.46 -42.33	117.97 5.59 -52.84	102.41 5.19 -41.95	101.98 7.05 -16.62	91.32 7.23 0.00
NYPA__HOLTSVILL 23794	91.83 7.23 -29.00	76.26 7.15 -13.67	72.84 7.25 -10.27	71.44 7.01 -9.28	76.03 7.20 -13.46	75.69 7.62 -11.21	108.13 9.74 -21.10	128.89 10.21 -39.55	110.84 10.09 -24.88	88.59 9.10 -10.01	86.61 6.66 -24.39	80.31 6.09 -18.84	77.58 6.19 -16.07	80.46 6.41 -18.73	86.01 5.93 -24.64	108.13 7.57 -36.95	132.84 7.96 -58.51	157.72 9.84 -64.45	142.60 9.65 -51.81	132.27 8.26 -54.57	126.55 7.14 -59.87	119.13 6.52 -57.34	110.96 9.00 -23.64	103.68 9.25 -10.35
NYPA__HELLGATE_GT1 24158	64.79 5.29 -3.89	61.22 5.21 -0.58	60.64 5.31 -0.01	60.23 5.07 -0.01	60.65 5.26 -0.01	62.55 5.68 -0.01	83.48 6.19 0.00	89.66 6.72 -3.81	89.29 6.75 -6.68	85.25 6.46 -9.31	84.89 4.94 -24.39	79.03 4.82 -18.84	76.31 4.92 -16.06	78.97 4.92 -18.73	84.89 4.82 -24.64	103.82 6.11 -34.11	123.14 6.24 -50.53	155.22 7.34 -64.44	140.40 7.46 -51.81	118.30 6.53 -42.33	118.09 5.72 -52.84	102.70 5.47 -41.96	102.38 7.44 -16.63	91.74 7.65 -0.01
NYPA__HELLGATE_GT2 24159	64.79 5.29 -3.89	61.22 5.21 -0.58	60.64 5.31 -0.01	60.23 5.07 -0.01	60.65 5.26 -0.01	62.55 5.68 -0.01	83.48 6.19 0.00	89.66 6.72 -3.81	89.29 6.75 -6.68	85.25 6.46 -9.31	84.89 4.94 -24.39	79.03 4.82 -18.84	76.31 4.92 -16.06	78.97 4.92 -18.73	84.89 4.82 -24.64	103.82 6.11 -34.11	123.14 6.24 -50.53	155.22 7.34 -64.44	140.40 7.46 -51.81	118.30 6.53 -42.33	118.09 5.72 -52.84	102.70 5.47 -41.96	102.38 7.44 -16.63	91.74 7.65 -0.01
NYS_BARGE__HYD 23848	52.52 -3.67 -0.59	51.36 -4.16 -0.09	50.95 -4.37 0.00	51.07 -4.08 0.00	51.89 -3.49 0.00	54.13 -2.73 0.00	72.50 -4.79 0.00	71.53 -8.07 -0.48	68.50 -8.19 -0.83	63.20 -7.43 -1.16	52.86 -5.72 -3.03	51.73 -5.98 -2.34	51.23 -6.09 -2.00	51.62 -6.03 -2.33	52.39 -6.10 -3.06	61.23 -6.62 -4.24	62.03 -6.83 -2.49	76.76 -10.10 -3.43	74.31 -9.66 -2.84	63.15 -8.61 -2.32	54.61 -7.80 -2.87	50.69 -6.80 -2.22	70.51 -8.70 -0.89	75.76 -8.33 0.00

OAK ORCHARD___HYD 24046	54.37 -1.72 -0.49	53.56 -1.94 -0.07	52.44 -2.88 0.00	52.40 -2.76 0.00	53.00 -2.38 0.00	55.03 -1.82 0.00	74.28 -3.02 0.00	75.26 -4.35 -0.48	72.23 -4.48 -0.85	66.49 -4.17 -1.18	55.49 -3.16 -3.10	54.45 -3.32 -2.39	53.93 -3.43 -2.04	54.27 -3.43 -2.38	55.23 -3.32 -3.13	64.44 -3.50 -4.33	65.36 -3.52 -2.51	81.86 -5.17 -3.60	79.20 -4.95 -3.02	67.47 -4.45 -2.47	58.31 -4.29 -3.06	53.95 -3.70 -2.38	75.04 -4.23 -0.95	79.04 -5.04 0.00
OAKDALE___35_KV_LOAD 356122	56.92 0.00 -1.31	55.46 -0.17 -0.19	55.54 0.22 0.00	55.32 0.17 0.00	55.71 0.33 0.00	57.65 0.80 0.00	78.38 1.08 0.00	80.78 0.40 -1.26	78.14 0.08 -2.21	72.62 0.07 -3.07	63.60 0.00 -8.05	61.48 -0.11 -6.22	60.46 -0.17 -5.30	61.34 -0.17 -6.18	63.51 -0.06 -8.13	75.05 0.19 -11.24	79.55 0.00 -13.18	104.15 0.08 -20.64	98.90 0.00 -17.77	83.89 -0.07 -14.52	77.60 -0.06 -18.12	69.15 -0.22 -14.10	83.66 -0.23 -5.59	84.42 0.34 0.00
OCC_CHEM___DRP 24175	51.87 -4.34 -0.60	50.75 -4.77 -0.09	50.07 -5.26 0.00	50.19 -4.96 0.00	50.95 -4.43 0.00	53.05 -3.81 0.00	70.96 -6.34 0.00	69.78 -9.81 -0.46	66.80 -9.86 -0.80	61.63 -8.96 -1.11	51.63 -6.83 -2.91	50.48 -7.14 -2.25	49.99 -7.25 -1.92	50.36 -7.19 -2.23	51.21 -7.15 -2.93	59.66 -8.01 -4.06	60.12 -8.69 -2.45	75.74 -11.01 -3.32	73.47 -10.38 -2.73	62.30 -9.37 -2.24	53.67 -8.63 -2.77	49.97 -7.52 -2.21	69.34 -9.87 -0.89	74.33 -9.75 0.00
OH_GEN_PROXY 24063	52.26 -3.95 -0.60	51.20 -4.32 -0.09	50.62 -4.70 0.00	50.74 -4.41 0.00	51.44 -3.93 0.00	53.56 -3.30 0.00	71.73 -5.57 0.00	70.73 -8.86 -0.46	62.89 -8.80 4.17	55.64 -7.99 5.85	52.30 -6.17 -2.91	37.90 -6.42 11.05	37.60 -6.53 11.19	43.50 -6.53 5.29	34.66 -6.54 14.23	40.20 -7.19 16.22	61.15 -7.76 -2.54	76.22 -10.68 -3.47	73.70 -10.31 -2.87	62.70 -9.09 -2.35	54.28 -8.15 -2.90	50.40 -7.18 -2.32	70.32 -8.93 -0.94	75.34 -8.75 0.00
OLIN_CORP_DRP 24177	51.88 -4.34 -0.61	50.75 -4.77 -0.09	50.23 -5.09 0.00	50.35 -4.80 0.00	51.11 -4.26 0.00	53.22 -3.64 0.00	71.27 -6.03 0.00	70.03 -9.57 -0.48	67.06 -9.63 -0.83	61.95 -8.68 -1.16	51.91 -6.67 -3.02	50.73 -6.98 -2.33	50.23 -7.08 -1.99	50.61 -7.03 -2.32	51.49 -6.98 -3.05	60.01 -7.82 -4.22	60.91 -7.90 -2.44	75.48 -11.26 -3.31	73.24 -10.63 -2.73	62.09 -9.58 -2.23	53.72 -8.57 -2.76	49.92 -7.57 -2.22	70.35 -8.85 -0.89	74.75 -9.33 0.00
OLIN_CORP_DSASP 323712	51.93 -4.28 -0.60	50.75 -4.77 -0.09	50.01 -5.31 0.00	50.19 -4.96 0.00	50.94 -4.43 0.00	53.05 -3.81 0.00	70.96 -6.34 0.00	69.77 -9.82 -0.46	66.80 -9.86 -0.79	61.62 -8.96 -1.10	51.55 -6.89 -2.88	50.46 -7.14 -2.23	49.98 -7.25 -1.90	50.29 -7.32 -2.22	51.03 -7.32 -2.91	59.63 -8.02 -4.03	60.26 -8.63 -2.52	75.86 -11.01 -3.44	73.42 -10.55 -2.83	62.39 -9.38 -2.32	53.77 -8.63 -2.87	50.13 -7.35 -2.21	69.42 -9.79 -0.89	74.33 -9.75 0.00
ONEIDA_HERK_LFGE 323681	57.98 0.89 -1.48	57.64 0.83 -1.38	57.56 0.88 -1.36	57.34 0.83 -1.36	57.62 0.88 -1.36	59.31 1.08 -1.38	81.28 2.16 -1.82	83.58 2.46 -1.99	80.07 2.20 -2.01	73.59 2.22 -1.89	58.86 1.22 -2.08	58.50 1.22 -1.91	58.12 1.11 -1.69	58.26 1.16 -1.78	57.41 1.22 -0.77	66.62 1.91 -1.10	69.52 2.06 -1.09	88.04 2.75 -1.86	85.44 2.67 -1.64	73.00 2.22 -1.34	63.05 1.85 -1.67	58.03 1.43 -1.33	80.80 1.96 -0.53	85.68 1.59 0.00
ONEIDA___115KV_TB4 55905	57.40 1.56 -0.23	56.91 1.44 -0.03	56.81 1.49 0.00	56.59 1.43 0.00	56.93 1.55 0.00	58.84 1.99 0.00	80.54 3.25 0.00	82.76 3.40 -0.23	79.30 3.03 -0.40	72.82 2.78 -0.56	58.97 1.94 -1.47	58.34 1.83 -1.14	58.00 1.71 -0.97	58.22 1.77 -1.13	58.80 1.88 -1.48	68.15 2.48 -2.06	70.92 2.52 -2.03	90.16 3.25 -3.47	87.28 3.08 -3.06	74.51 2.57 -2.50	64.74 2.08 -3.12	59.46 1.66 -2.53	81.66 2.35 -1.00	86.52 2.44 0.00
ONONDAGA_REF_OCCRA 23987	55.67 -0.39 -0.45	54.94 -0.55 -0.07	54.71 -0.61 0.00	54.38 -0.77 0.00	54.71 -0.66 0.00	56.51 -0.34 0.00	76.99 -0.31 0.00	79.17 -0.40 -0.44	76.03 -0.61 -0.77	70.07 -0.49 -1.07	57.92 -0.44 -2.81	56.99 -0.55 -2.17	56.62 -0.55 -1.85	56.87 -0.61 -2.16	57.77 -0.50 -2.84	67.16 -0.38 -3.93	71.31 -0.46 -5.40	91.47 -0.58 -8.62	87.94 -0.65 -7.46	74.91 -0.62 -6.10	66.50 -0.65 -7.62	60.72 -0.72 -6.16	79.97 -0.78 -2.44	83.24 -0.84 0.00
ONONDAGA___COGEN 23986	55.64 -0.39 -0.42	54.99 -0.50 -0.06	54.71 -0.61 0.00	54.16 -0.99 0.00	54.38 -1.00 0.00	56.23 -0.63 0.00	76.52 -0.77 0.00	78.67 -0.87 -0.41	75.52 -1.06 -0.72	69.57 -0.90 -1.00	57.45 -0.72 -2.61	56.56 -0.83 -2.02	56.16 -0.89 -1.72	56.44 -0.89 -2.01	57.29 -0.78 -2.64	66.50 -0.76 -3.65	69.54 -0.86 -4.04	88.67 -1.08 -6.33	85.45 -1.14 -5.45	72.85 -1.04 -4.45	64.08 -1.01 -5.56	58.72 -1.05 -4.49	78.84 -1.25 -1.78	82.74 -1.35 0.00
ONTARIO___LFGE 23819	55.64 -0.56 -0.59	54.69 -0.83 -0.09	54.55 -0.77 0.00	54.38 -0.77 0.00	54.93 -0.44 0.00	57.08 0.23 0.00	77.84 0.54 0.00	79.46 -0.24 -0.56	76.09 -0.76 -0.99	70.02 -0.83 -1.37	58.49 -0.66 -3.60	57.27 -0.89 -2.78	56.70 -0.99 -2.37	57.09 -0.99 -2.76	58.24 -0.83 -3.64	68.14 -0.51 -5.04	66.72 -0.60 -0.95	83.53 -0.67 -0.77	80.97 -0.65 -0.49	69.09 -0.76 -0.41	59.11 -0.89 -0.47	54.76 -0.77 -0.27	77.27 -1.17 -0.13	83.16 -0.92 0.00
ORANGEVILLE_WT_PWR 323706	52.56 -3.78 -0.74	51.44 -4.10 -0.11	51.84 -3.48 0.00	51.95 -3.20 0.00	52.77 -2.60 0.00	55.03 -1.82 0.00	74.36 -2.94 0.00	73.98 -5.77 -0.62	70.96 -5.99 -1.09	65.37 -5.63 -1.51	55.12 -4.39 -3.96	53.78 -4.65 -3.06	53.12 -4.81 -2.61	53.66 -4.70 -3.04	54.72 -4.71 -4.00	64.19 -4.96 -5.54	62.45 -5.71 -1.79	77.97 -7.43 -1.97	75.41 -7.22 -1.50	64.22 -6.46 -1.24	55.50 -5.54 -1.50	51.16 -5.20 -1.08	71.95 -6.81 -0.46	78.53 -5.55 0.00
ORANGEVILLE___ESR 323794	52.56 -3.78 -0.74	51.44 -4.10 -0.11	51.84 -3.48 0.00	51.95 -3.20 0.00	52.77 -2.60 0.00	55.03 -1.82 0.00	74.36 -2.94 0.00	73.98 -5.77 -0.62	70.96 -5.99 -1.09	65.37 -5.63 -1.51	55.12 -4.39 -3.96	53.78 -4.65 -3.06	53.12 -4.81 -2.61	53.66 -4.70 -3.04	54.72 -4.71 -4.00	64.19 -4.96 -5.54	62.45 -5.71 -1.79	77.97 -7.43 -1.97	75.41 -7.22 -1.50	64.22 -6.46 -1.24	55.50 -5.54 -1.50	51.16 -5.20 -1.08	71.95 -6.81 -0.46	78.53 -5.55 0.00
OSWEGATCHIE___HYD 24044	61.19 -1.34 -6.91	61.10 -1.17 -6.84	61.03 -1.11 -6.81	60.92 -1.05 -6.81	60.90 -1.27 -6.80	62.05 -1.70 -6.90	84.89 -1.55 -9.13	87.50 -1.11 -9.48	83.84 -1.22 -9.19	76.99 -0.76 -8.28	61.96 -0.89 -7.29	61.74 -0.78 -7.14	60.91 -0.83 -6.41	60.99 -0.83 -6.49	55.10 -1.00 -0.66	63.79 -0.95 -1.14	66.44 -0.86 -0.94	84.12 -0.92 -1.60	81.74 -0.81 -1.42	69.97 -0.63 -1.16	60.57 -0.41 -1.44	55.92 -0.50 -1.15	77.83 -0.94 -0.45	82.65 -1.43 0.00
OSWEGO___5 23606	54.53 -1.39 -0.31	53.98 -1.49 -0.05	53.71 -1.61 0.00	53.50 -1.65 0.00	53.83 -1.55 0.00	55.49 -1.37 0.00	75.44 -1.86 0.00	77.37 -2.06 -0.30	74.27 -2.12 -0.53	68.34 -1.87 -0.74	55.99 -1.50 -1.93	55.26 -1.61 -1.49	54.93 -1.66 -1.27	55.15 -1.66 -1.48	55.77 -1.61 -1.95	64.60 -1.71 -2.70	67.33 -1.79 -2.75	85.79 -2.34 -4.70	83.00 -2.27 -4.14	70.81 -2.02 -3.38	61.91 -1.85 -4.22	56.91 -1.71 -3.35	77.53 -2.11 -1.33	81.82 -2.27 0.00

OSWEGO___6 23613	54.53 -1.39 -0.31	53.98 -1.49 -0.05	53.71 -1.61 0.00	53.50 -1.65 0.00	53.83 -1.55 0.00	55.49 -1.37 0.00	75.44 -1.86 0.00	77.37 -2.06 -0.30	74.27 -2.12 -0.53	68.34 -1.87 -0.74	55.99 -1.50 -1.93	55.26 -1.61 -1.49	54.93 -1.66 -1.27	55.15 -1.66 -1.48	55.77 -1.61 -1.95	64.60 -1.71 -2.70	67.33 -1.79 -2.75	85.79 -2.34 -4.70	83.00 -2.27 -4.14	70.81 -2.02 -3.38	61.91 -1.85 -4.22	56.91 -1.71 -3.35	77.53 -2.11 -1.33	81.82 -2.27 0.00
OUTOKUMPU-AB___DRP 24206	52.83 -3.39 -0.61	51.58 -3.94 -0.09	51.45 -3.87 0.00	51.57 -3.58 0.00	52.39 -2.99 0.00	54.64 -2.22 0.00	73.28 -4.02 0.00	72.18 -7.44 -0.48	69.05 -7.66 -0.85	63.71 -6.95 -1.18	53.35 -5.28 -3.07	52.21 -5.54 -2.38	51.70 -5.64 -2.03	52.09 -5.59 -2.36	52.99 -5.54 -3.11	61.68 -6.23 -4.30	61.95 -6.84 -2.42	77.60 -9.09 -3.26	75.13 -8.68 -2.68	63.79 -7.85 -2.19	55.16 -7.08 -2.71	51.14 -6.30 -2.17	71.28 -7.91 -0.88	76.68 -7.40 0.00
OXBOW___BTM 323836	52.43 -3.78 -0.61	51.25 -4.27 -0.09	50.79 -4.54 0.00	50.96 -4.19 0.00	51.72 -3.66 0.00	53.96 -2.90 0.00	72.27 -5.02 0.00	71.13 -8.47 -0.47	68.03 -8.65 -0.82	62.76 -7.85 -1.14	52.52 -6.00 -2.97	51.41 -6.26 -2.30	50.92 -6.36 -1.96	51.29 -6.31 -2.28	52.06 -6.37 -3.00	60.77 -7.00 -4.15	61.30 -7.57 -2.50	76.91 -9.93 -3.41	74.45 -9.49 -2.81	63.20 -8.54 -2.30	54.58 -7.80 -2.85	50.77 -6.69 -2.19	70.35 -8.85 -0.89	75.68 -8.41 0.00
OXBOW____ 24026	52.44 -3.78 -0.61	51.25 -4.27 -0.09	50.84 -4.48 0.00	50.96 -4.19 0.00	51.78 -3.60 0.00	53.96 -2.90 0.00	72.27 -5.02 0.00	71.14 -8.47 -0.47	68.04 -8.65 -0.82	62.84 -7.78 -1.14	52.60 -5.94 -2.99	51.43 -6.26 -2.31	50.99 -6.31 -1.97	51.31 -6.31 -2.30	52.19 -6.26 -3.02	60.80 -7.00 -4.18	61.17 -7.63 -2.43	76.79 -9.93 -3.29	74.42 -9.41 -2.70	63.18 -8.47 -2.22	54.47 -7.80 -2.74	50.67 -6.80 -2.19	70.43 -8.77 -0.89	75.68 -8.41 0.00
OXY_CHEM_DSASP 323612	51.87 -4.34 -0.60	50.75 -4.77 -0.09	50.07 -5.26 0.00	50.19 -4.96 0.00	50.95 -4.43 0.00	53.05 -3.81 0.00	70.96 -6.34 0.00	69.78 -9.81 -0.46	66.80 -9.86 -0.80	61.63 -8.96 -1.11	51.63 -6.83 -2.91	50.48 -7.14 -2.25	49.99 -7.25 -1.92	50.36 -7.19 -2.23	51.21 -7.15 -2.93	59.66 -8.01 -4.06	60.12 -8.69 -2.45	75.74 -11.01 -3.32	73.47 -10.38 -2.73	62.30 -9.37 -2.24	53.67 -8.63 -2.77	49.97 -7.52 -2.21	69.34 -9.87 -0.89	74.33 -9.75 0.00
OZONE_PARK_ESR 323760	64.78 5.28 -3.88	61.21 5.21 -0.57	60.52 5.20 0.00	60.12 4.96 0.00	60.47 5.09 0.00	62.31 5.46 0.00	83.94 6.65 0.00	90.21 7.28 -3.80	89.97 7.43 -6.68	85.66 6.88 -9.30	85.32 5.39 -24.37	79.46 5.26 -18.83	76.68 5.31 -16.05	79.29 5.26 -18.71	85.37 5.32 -24.62	104.12 6.42 -34.08	123.70 6.77 -50.56	156.43 8.51 -64.49	141.01 8.03 -51.85	118.75 6.94 -42.37	118.43 6.01 -52.88	102.69 5.47 -41.95	102.21 7.28 -16.62	91.48 7.40 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	51.87 -4.34 -0.60	50.75 -4.77 -0.09	50.07 -5.26 0.00	50.19 -4.96 0.00	50.95 -4.43 0.00	53.05 -3.81 0.00	70.96 -6.34 0.00	69.78 -9.81 -0.46	66.80 -9.86 -0.80	61.63 -8.96 -1.11	51.63 -6.83 -2.91	50.48 -7.14 -2.25	49.99 -7.25 -1.92	50.36 -7.19 -2.23	51.21 -7.15 -2.93	59.66 -8.01 -4.06	60.12 -8.69 -2.45	75.74 -11.01 -3.32	73.47 -10.38 -2.73	62.30 -9.37 -2.24	53.67 -8.63 -2.77	49.97 -7.52 -2.21	69.34 -9.87 -0.89	74.33 -9.75 0.00
PACKARD___115KV_DUPONT_184 80571	51.87 -4.34 -0.60	50.75 -4.77 -0.09	50.07 -5.26 0.00	50.19 -4.96 0.00	50.95 -4.43 0.00	53.05 -3.81 0.00	70.96 -6.34 0.00	69.78 -9.81 -0.46	66.80 -9.86 -0.80	61.63 -8.96 -1.11	51.63 -6.83 -2.91	50.48 -7.14 -2.25	49.99 -7.25 -1.92	50.36 -7.19 -2.23	51.21 -7.15 -2.93	59.66 -8.01 -4.06	60.12 -8.69 -2.45	75.74 -11.01 -3.32	73.47 -10.38 -2.73	62.30 -9.37 -2.24	53.67 -8.63 -2.77	49.97 -7.52 -2.21	69.34 -9.87 -0.89	74.33 -9.75 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	64.79 5.28 -3.89	61.28 5.27 -0.58	60.58 5.26 -0.01	60.23 5.07 -0.01	60.59 5.21 -0.01	62.48 5.63 0.00	83.56 6.26 0.00	89.74 6.81 -3.80	89.37 6.83 -6.68	85.24 6.46 -9.30	84.87 4.94 -24.37	79.08 4.87 -18.83	76.24 4.87 -16.05	78.85 4.81 -18.71	84.93 4.88 -24.62	103.48 5.79 -34.08	122.90 5.97 -50.56	155.43 7.51 -64.49	140.04 7.06 -51.85	118.34 6.53 -42.37	118.13 5.72 -52.88	102.69 5.47 -41.95	102.29 7.36 -16.62	91.65 7.57 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	65.40 5.89 -3.89	61.83 5.82 -0.58	61.14 5.81 -0.01	60.78 5.63 -0.01	61.20 5.81 -0.01	63.05 6.20 0.00	84.41 7.11 0.00	90.53 7.60 -3.80	90.05 7.51 -6.68	85.87 7.09 -9.30	85.32 5.39 -24.37	79.52 5.32 -18.83	76.68 5.31 -16.05	79.29 5.26 -18.71	85.37 5.32 -24.62	104.05 6.36 -34.08	123.50 6.57 -50.56	156.10 8.18 -64.49	140.69 7.71 -51.85	118.89 7.08 -42.37	118.67 6.25 -52.88	103.13 5.91 -41.95	103.00 8.07 -16.62	92.49 8.41 0.00
PATROON___115KV_TB1 80586	63.24 2.50 -5.13	58.68 2.49 -0.76	57.75 2.43 0.00	57.47 2.32 0.00	57.81 2.44 0.00	59.53 2.67 0.00	80.62 3.32 0.00	87.56 3.40 -5.03	88.03 3.34 -8.83	84.83 3.06 -12.30	90.28 2.50 -32.22	82.76 2.49 -24.89	78.98 2.43 -21.22	82.50 2.43 -24.74	90.48 2.49 -32.55	111.15 2.48 -45.06	113.31 2.46 -44.48	163.81 3.09 -77.30	152.61 3.00 -68.47	127.89 2.50 -55.95	131.51 2.14 -69.84	112.62 1.93 -55.41	103.32 3.05 -21.95	87.78 3.70 0.00
PATTRSNVILLE___SOLAR 323815	63.50 2.50 -5.38	58.72 2.50 -0.80	57.75 2.43 0.00	57.47 2.32 0.00	57.81 2.43 0.00	59.58 2.73 0.00	81.08 3.79 0.00	88.21 3.80 -5.28	88.77 3.64 -9.26	85.37 2.99 -12.90	91.54 2.16 -33.82	83.49 1.99 -26.13	79.58 1.99 -22.27	83.34 2.05 -25.97	91.75 2.16 -34.16	113.77 2.87 -47.29	116.20 3.19 -46.65	168.63 4.17 -81.03	157.04 4.14 -71.78	131.56 3.47 -58.65	135.66 2.92 -73.21	116.04 2.65 -58.12	105.10 3.76 -23.03	87.95 3.87 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	51.77 -4.50 -0.67	50.60 -4.93 -0.10	53.16 -2.16 0.00	53.28 -1.88 0.00	54.16 -1.22 0.00	56.46 -0.40 0.00	76.06 -1.24 0.00	74.13 -5.54 -0.54	71.27 -5.54 -0.94	65.58 -5.21 -1.31	54.92 -4.06 -3.42	53.86 -4.15 -2.64	53.31 -4.26 -2.25	53.69 -4.26 -2.63	54.73 -4.16 -3.45	63.81 -4.58 -4.78	62.62 -6.24 -2.49	79.21 -7.51 -3.29	76.20 -7.63 -2.69	65.39 -6.25 -2.20	57.38 -4.88 -2.72	52.42 -5.03 -2.18	71.52 -7.67 -0.88	80.13 -3.95 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	64.87 5.34 -3.92	61.16 5.15 -0.58	60.41 5.09 0.00	60.00 4.85 0.00	60.41 5.04 0.00	62.37 5.51 0.00	84.56 7.27 0.00	90.80 7.83 -3.84	90.57 7.97 -6.74	85.88 7.02 -9.38	85.54 5.39 -24.59	79.58 5.21 -19.00	76.77 5.26 -16.20	79.46 5.26 -18.88	85.65 5.38 -24.84	104.36 6.36 -34.39	124.10 6.97 -50.76	157.26 8.84 -64.98	142.05 8.60 -52.32	119.48 7.29 -42.75	119.15 6.25 -53.36	103.18 5.58 -42.33	102.37 7.28 -16.77	91.74 7.65 0.00
PEEKSKILL____ 23653	63.80 4.34 -3.85	60.27 4.27 -0.57	59.58 4.26 0.00	59.18 4.02 0.00	59.58 4.21 0.00	61.35 4.49 0.00	82.87 5.57 0.00	89.07 6.18 -3.77	88.70 6.22 -6.61	84.39 5.70 -9.21	84.19 4.50 -24.14	78.40 4.37 -18.65	75.59 4.37 -15.90	78.22 4.37 -18.53	84.19 4.38 -24.39	102.64 5.28 -33.76	121.91 5.64 -49.91	154.26 7.09 -63.74	139.30 6.89 -51.28	117.10 5.76 -41.90	116.83 5.00 -52.30	101.32 4.53 -41.52	100.71 5.95 -16.45	90.22 6.13 0.00

PGE MADISON___WINDPWR 24146	61.32 4.45 -1.26	59.83 4.21 -0.19	59.80 4.48 0.00	59.57 4.41 0.00	60.08 4.70 0.00	62.37 5.51 0.00	86.41 9.12 0.00	95.05 14.40 -1.51	91.57 13.05 -2.65	85.19 12.02 -3.69	74.12 8.89 -9.68	70.83 7.98 -7.48	68.94 7.25 -6.37	70.44 7.69 -7.43	73.30 8.09 -9.78	87.70 10.56 -13.53	91.91 7.03 -18.51	123.04 9.76 -29.85	116.60 9.57 -25.90	98.72 8.12 -21.16	92.84 6.84 -26.46	81.99 5.58 -21.14	93.94 7.28 -8.35	91.99 7.90 0.00
PIERCEFIELD___HYD 23852	64.03 -1.61 -10.03	64.27 -1.22 -10.06	64.20 -1.16 -10.04	64.25 -0.94 -10.04	63.90 -1.50 -10.02	64.57 -2.44 -10.16	87.89 -2.86 -13.46	90.41 -2.53 -13.81	86.64 -2.50 -13.28	79.22 -2.08 -11.83	63.94 -1.39 -9.78	63.88 -1.27 -9.78	62.97 -1.16 -8.81	62.98 -1.16 -8.82	53.77 -1.66 0.00	61.77 -2.16 -0.32	64.24 -2.12 0.00	80.76 -2.67 0.00	78.78 -2.35 0.00	67.63 -1.81 0.00	58.23 -1.31 0.00	54.11 -1.16 0.00	76.28 -2.04 0.00	82.15 -1.93 0.00
PINELAWN_CC_1 323563	90.94 6.34 -29.00	75.37 6.26 -13.67	71.90 6.30 -10.27	70.50 6.07 -9.28	75.09 6.26 -13.46	74.72 6.65 -11.21	106.90 8.50 -21.10	127.69 9.02 -39.55	109.69 8.95 -24.88	87.61 8.13 -10.01	86.22 6.28 -24.39	80.03 5.81 -18.84	77.36 5.98 -16.07	80.19 6.14 -18.73	85.95 5.87 -24.64	107.94 7.38 -36.95	132.64 7.76 -58.51	157.47 9.59 -64.45	142.35 9.41 -51.81	131.99 7.98 -54.57	126.31 6.90 -59.87	118.91 6.30 -57.34	110.49 8.54 -23.64	103.17 8.74 -10.35
PJM_GEN_HTP_PROXY 323702	64.28 4.78 -3.88	60.71 4.71 -0.57	60.02 4.70 0.00	59.62 4.47 0.00	60.03 4.65 0.00	61.80 4.94 0.00	83.25 5.95 0.00	89.58 6.65 -3.81	89.29 6.75 -6.68	85.04 6.26 -9.31	84.88 4.94 -24.39	78.98 4.76 -18.84	76.19 4.81 -16.06	78.85 4.81 -18.72	84.83 4.77 -24.63	103.56 5.85 -34.10	122.99 6.10 -50.52	155.53 7.67 -64.43	140.31 7.38 -51.80	118.02 6.25 -42.33	117.78 5.42 -52.83	102.13 4.92 -41.94	101.43 6.50 -16.62	90.72 6.64 0.00
PJM_GEN_KEystone 24065	53.80 0.17 1.98	43.87 0.00 11.56	42.96 0.55 12.91	44.73 0.50 10.92	48.60 0.83 7.61	56.83 1.25 1.27	77.66 1.08 0.72	73.87 -0.08 5.18	63.72 0.08 12.22	58.40 0.07 11.15	58.96 0.06 -3.35	54.53 -0.11 0.73	52.70 -0.11 2.51	51.90 -0.11 3.31	52.00 -0.11 3.32	54.50 0.19 9.30	68.58 -0.20 -2.41	103.98 -0.17 -20.72	82.00 -0.24 -1.11	72.07 -0.28 -2.91	69.01 -0.18 -9.65	61.48 -0.38 -6.59	56.63 -0.54 21.14	55.07 0.25 29.27
PJM_GEN_NEPTUNE_PROXY 323594	83.62 5.34 -22.67	71.13 5.32 -10.37	68.32 5.31 -7.69	67.17 5.07 -6.94	70.71 5.26 -10.07	70.82 5.57 -8.39	99.96 6.88 -15.79	117.11 7.44 -30.54	103.67 7.51 -20.30	86.26 6.95 -9.84	85.34 5.39 -24.39	79.26 5.04 -18.84	76.53 5.15 -16.07	79.36 5.31 -18.73	85.12 5.04 -24.64	106.15 6.30 -36.24	129.51 6.64 -56.51	156.06 8.18 -64.45	140.90 7.96 -51.81	127.74 6.81 -51.49	123.54 5.90 -58.11	114.09 5.36 -53.46	107.39 7.20 -21.88	99.31 7.48 -7.74
PJM_GEN_VFT_PROXY 323633	61.64 4.50 -1.53	60.49 4.49 -0.57	59.86 4.54 0.00	59.46 4.30 0.00	59.86 4.48 0.00	61.46 4.60 0.00	72.38 5.33 10.25	77.00 6.01 8.14	74.59 6.22 7.50	75.43 5.76 -0.19	65.19 4.56 -5.08	64.15 4.37 -4.40	64.15 4.43 -4.40	64.15 4.43 -4.40	65.09 4.38 -5.28	74.59 5.40 -5.58	65.64 5.71 6.44	97.33 7.09 -6.81	82.44 6.82 5.51	65.89 5.83 9.38	65.64 5.00 -1.10	73.64 4.58 -13.78	68.78 5.95 15.48	63.64 6.06 26.50
PLATSBURG_115KV_PMLD1 355749	-7.40 -2.56 60.45	-7.35 -2.16 60.62	-7.29 -2.10 60.51	-7.35 -1.99 60.51	-7.35 -2.33 60.40	-7.35 -2.96 61.25	-7.30 -3.48 81.12	-7.31 -3.17 83.27	-7.37 -3.19 80.05	-4.74 -2.92 71.30	-5.55 -2.17 58.94	-5.61 -2.05 58.93	0.26 -1.94 53.13	0.19 -1.94 53.19	53.27 -2.16 0.00	58.89 -2.80 1.93	63.78 -2.59 0.00	80.34 -3.09 0.00	78.37 -2.76 0.00	67.56 -1.87 0.00	58.82 -0.71 0.00	54.88 -0.39 0.00	76.28 -2.04 0.00	82.23 -1.85 0.00
PLEASANTVLY___LBMP 24000	63.85 4.17 -4.07	60.13 4.10 -0.60	59.36 4.04 0.00	59.01 3.86 0.00	59.36 3.99 0.00	61.18 4.32 0.00	82.71 5.41 0.00	88.97 5.86 -3.98	88.77 5.92 -6.99	84.63 5.42 -9.73	85.28 4.22 -25.51	79.23 4.15 -19.70	76.27 4.15 -16.80	79.00 4.09 -19.58	85.35 4.16 -25.76	104.30 5.03 -35.66	125.09 5.31 -53.41	157.76 6.67 -67.66	141.79 6.41 -54.25	119.26 5.49 -44.33	119.57 4.70 -55.33	103.47 4.31 -43.89	101.42 5.72 -17.39	89.97 5.89 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	64.14 4.62 -3.91	60.55 4.55 -0.58	59.80 4.48 0.00	59.40 4.25 0.00	59.81 4.43 0.00	61.63 4.78 0.00	83.25 5.95 0.00	89.53 6.57 -3.83	89.18 6.60 -6.72	84.89 6.04 -9.36	84.87 4.78 -24.54	78.98 4.65 -18.95	76.13 4.65 -16.16	78.81 4.65 -18.84	84.87 4.66 -24.79	103.58 5.66 -34.31	123.37 6.04 -50.96	155.97 7.59 -64.94	140.55 7.22 -52.20	118.27 6.18 -42.65	118.07 5.30 -53.23	102.36 4.86 -42.23	101.46 6.42 -16.73	90.73 6.64 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	64.14 4.62 -3.91	60.55 4.55 -0.58	59.80 4.48 0.00	59.40 4.25 0.00	59.81 4.43 0.00	61.63 4.78 0.00	83.25 5.95 0.00	89.53 6.57 -3.83	89.18 6.60 -6.72	84.89 6.04 -9.36	84.87 4.78 -24.54	78.98 4.65 -18.95	76.13 4.65 -16.16	78.81 4.65 -18.84	84.87 4.66 -24.79	103.58 5.66 -34.31	123.37 6.04 -50.96	155.97 7.59 -64.94	140.55 7.22 -52.20	118.27 6.18 -42.65	118.07 5.30 -53.23	102.36 4.86 -42.23	101.46 6.42 -16.73	90.73 6.64 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	64.36 4.78 -3.97	60.73 4.71 -0.59	59.97 4.65 0.00	59.51 4.36 0.00	59.97 4.60 0.00	61.86 5.00 0.00	83.79 6.49 0.00	89.98 6.96 -3.89	89.67 6.98 -6.83	85.10 6.11 -9.51	85.14 4.67 -24.92	79.17 4.54 -19.25	76.27 4.54 -16.41	78.99 4.54 -19.13	85.26 4.66 -25.17	104.18 5.72 -34.85	123.31 6.24 -50.70	157.03 8.01 -65.59	141.85 7.71 -53.01	119.15 6.39 -43.32	119.08 5.48 -54.07	103.13 4.97 -42.89	101.96 6.66 -16.99	90.89 6.81 0.00
POLETTI___ 23519	64.33 4.84 -3.88	60.77 4.77 -0.57	60.08 4.76 0.00	59.67 4.52 0.00	60.08 4.71 0.00	61.80 4.95 0.00	83.09 5.80 0.00	89.42 6.49 -3.80	89.14 6.60 -6.68	84.89 6.11 -9.30	84.70 4.78 -24.37	78.91 4.71 -18.83	76.13 4.76 -16.05	78.74 4.70 -18.71	84.76 4.71 -24.62	103.42 5.72 -34.08	122.97 6.04 -50.56	155.51 7.59 -64.49	140.12 7.14 -51.85	117.99 6.18 -42.37	117.72 5.30 -52.88	102.08 4.86 -41.95	101.35 6.42 -16.62	90.64 6.56 0.00
POMONA___ESR 323819	63.53 4.17 -3.74	60.08 4.10 -0.55	59.41 4.09 0.00	59.01 3.86 0.00	59.42 4.04 0.00	61.17 4.32 0.00	82.71 5.41 0.00	88.74 5.94 -3.67	88.29 5.99 -6.44	83.93 5.49 -8.97	83.34 4.28 -23.50	77.69 4.16 -18.16	74.95 4.15 -15.48	77.57 4.20 -18.05	83.38 4.21 -23.74	101.57 5.09 -32.86	120.12 5.44 -48.30	152.31 6.92 -61.96	137.71 6.65 -49.92	115.79 5.56 -40.79	115.27 4.82 -50.92	100.06 4.37 -40.42	100.04 5.71 -16.01	89.97 5.88 0.00
PORT_JEFF_3 23555	92.06 7.45 -29.00	76.48 7.37 -13.67	73.06 7.47 -10.27	71.66 7.22 -9.28	76.26 7.42 -13.46	75.92 7.85 -11.21	108.29 9.90 -21.10	129.12 10.44 -39.55	111.06 10.32 -24.88	88.93 9.45 -10.01	86.89 6.94 -24.39	80.53 6.31 -18.84	77.86 6.47 -16.07	80.74 6.69 -18.73	86.28 6.21 -24.64	108.45 7.89 -36.95	133.24 8.36 -58.51	158.23 10.34 -64.45	143.17 10.22 -51.81	132.69 8.68 -54.57	126.91 7.50 -59.87	119.40 6.80 -57.34	111.35 9.39 -23.64	104.09 9.67 -10.35

PORT_JEFF_4 23616	92.06 7.45 -29.00	76.48 7.37 -13.67	73.06 7.47 -10.27	71.66 7.22 -9.28	76.26 7.42 -13.46	75.92 7.85 -11.21	108.29 9.90 -21.10	129.12 10.44 -39.55	111.06 10.32 -24.88	88.93 9.45 -10.01	86.89 6.94 -24.39	80.53 6.31 -18.84	77.86 6.47 -16.07	80.74 6.69 -18.73	86.28 6.21 -24.64	108.45 7.89 -36.95	133.24 8.36 -58.51	158.23 10.34 -64.45	143.17 10.22 -51.81	132.69 8.68 -54.57	126.91 7.50 -59.87	119.40 6.80 -57.34	111.35 9.39 -23.64	104.09 9.67 -10.35
PORT_JEFF_IC 23713	92.11 7.51 -29.00	76.59 7.48 -13.67	73.06 7.47 -10.27	71.66 7.22 -9.28	76.31 7.48 -13.46	75.86 7.79 -11.21	108.21 9.82 -21.10	129.20 10.52 -39.54	110.98 10.24 -24.88	88.79 9.31 -10.00	86.38 6.44 -24.38	80.13 5.93 -18.83	77.24 5.86 -16.05	80.07 6.03 -18.72	85.93 5.88 -24.63	108.36 7.82 -36.93	133.14 8.23 -58.54	157.86 9.93 -64.50	142.32 9.33 -51.86	132.59 8.54 -54.61	126.90 7.44 -59.92	119.52 6.91 -57.34	111.51 9.55 -23.64	104.27 9.84 -10.35
PPL PILGRIM_ST_GT1 24216	91.73 7.12 -29.00	76.14 7.04 -13.67	72.73 7.14 -10.27	71.33 6.89 -9.28	75.93 7.09 -13.46	75.57 7.50 -11.21	107.98 9.58 -21.10	128.49 9.81 -39.55	110.76 10.01 -24.88	88.51 9.03 -10.01	86.78 6.83 -24.39	80.59 6.37 -18.84	77.91 6.52 -16.07	80.74 6.69 -18.73	86.44 6.37 -24.64	108.58 8.01 -36.95	132.84 7.96 -58.51	157.64 9.76 -64.45	142.52 9.57 -51.81	132.27 8.26 -54.57	126.73 7.32 -59.87	119.46 6.85 -57.34	111.27 9.31 -23.64	104.01 9.58 -10.35
PPL PILGRIM_ST_GT2 24217	91.73 7.12 -29.00	76.14 7.04 -13.67	72.73 7.14 -10.27	71.33 6.89 -9.28	75.93 7.09 -13.46	75.57 7.50 -11.21	107.98 9.58 -21.10	128.49 9.81 -39.55	110.76 10.01 -24.88	88.51 9.03 -10.01	86.78 6.83 -24.39	80.59 6.37 -18.84	77.91 6.52 -16.07	80.74 6.69 -18.73	86.44 6.37 -24.64	108.58 8.01 -36.95	132.84 7.96 -58.51	157.64 9.76 -64.45	142.52 9.57 -51.81	132.27 8.26 -54.57	126.73 7.32 -59.87	119.46 6.85 -57.34	111.27 9.31 -23.64	104.01 9.58 -10.35
PPL_SHRM_GT3 24213	93.01 8.40 -29.00	77.42 8.31 -13.67	73.95 8.35 -10.27	72.59 8.16 -9.28	77.20 8.36 -13.46	76.88 8.81 -11.21	109.91 11.52 -21.10	130.70 12.02 -39.55	112.57 11.83 -24.88	89.98 10.49 -10.01	87.45 7.50 -24.39	80.92 6.70 -18.84	78.24 6.86 -16.07	81.13 7.08 -18.73	86.12 6.04 -24.64	108.38 7.82 -36.95	133.31 8.43 -58.51	158.48 10.60 -64.45	143.42 10.47 -51.81	132.83 8.82 -54.57	127.03 7.62 -59.87	119.46 6.85 -57.34	112.21 10.26 -23.64	105.02 10.59 -10.35
PPL_SHRM_GT4 24214	93.01 8.40 -29.00	77.42 8.31 -13.67	73.95 8.35 -10.27	72.59 8.16 -9.28	77.20 8.36 -13.46	76.88 8.81 -11.21	109.91 11.52 -21.10	130.70 12.02 -39.55	112.57 11.83 -24.88	89.98 10.49 -10.01	87.45 7.50 -24.39	80.92 6.70 -18.84	78.24 6.86 -16.07	81.13 7.08 -18.73	86.12 6.04 -24.64	108.38 7.82 -36.95	133.31 8.43 -58.51	158.48 10.60 -64.45	143.42 10.47 -51.81	132.83 8.82 -54.57	127.03 7.62 -59.87	119.46 6.85 -57.34	112.21 10.26 -23.64	105.02 10.59 -10.35
PROJECT___ORANGE 1 24174	55.25 -0.72 -0.37	54.65 -0.83 -0.05	54.38 -0.94 0.00	54.10 -1.05 0.00	54.43 -0.94 0.00	56.23 -0.63 0.00	76.60 -0.70 0.00	78.62 -0.87 -0.36	75.43 -1.06 -0.63	69.45 -0.90 -0.88	57.14 -0.72 -2.30	56.32 -0.83 -1.78	55.95 -0.89 -1.52	56.20 -0.89 -1.77	56.98 -0.78 -2.33	66.07 -0.76 -3.22	68.71 -0.86 -3.20	87.73 -1.17 -5.46	84.82 -1.14 -4.82	72.27 -1.11 -3.94	63.38 -1.07 -4.92	58.13 -1.11 -3.96	78.71 -1.17 -1.57	82.82 -1.26 0.00
PROJECT___ORANGE 2 24166	55.25 -0.72 -0.37	54.65 -0.83 -0.05	54.38 -0.94 0.00	54.10 -1.05 0.00	54.43 -0.94 0.00	56.23 -0.63 0.00	76.60 -0.70 0.00	78.62 -0.87 -0.36	75.43 -1.06 -0.63	69.45 -0.90 -0.88	57.14 -0.72 -2.30	56.32 -0.83 -1.78	55.95 -0.89 -1.52	56.20 -0.89 -1.77	56.98 -0.78 -2.33	66.07 -0.76 -3.22	68.71 -0.86 -3.20	87.73 -1.17 -5.46	84.82 -1.14 -4.82	72.27 -1.11 -3.94	63.38 -1.07 -4.92	58.13 -1.11 -3.96	78.71 -1.17 -1.57	82.82 -1.26 0.00
PUCKETT___SOLAR 323809	58.24 1.28 -1.35	56.74 1.11 -0.20	56.81 1.49 0.00	56.58 1.43 0.00	57.04 1.66 0.00	59.01 2.16 0.00	80.69 3.40 0.00	84.05 3.56 -1.35	81.19 2.96 -2.37	75.36 2.57 -3.30	66.10 1.89 -8.66	63.61 1.55 -6.69	62.46 1.44 -5.70	63.52 1.55 -6.65	65.90 1.72 -8.75	78.19 2.48 -12.10	81.59 1.86 -13.37	106.99 2.67 -20.89	101.71 2.60 -17.98	86.29 2.16 -14.69	79.66 1.78 -18.34	71.16 1.32 -14.56	85.96 1.88 -5.77	86.60 2.52 0.00
PYRITES___HYD 24023	64.12 -0.50 -9.01	64.30 -0.17 -9.04	64.34 0.00 -9.02	64.34 0.17 -9.02	64.05 -0.33 -9.00	64.85 -1.14 -9.13	88.77 -0.62 -12.09	91.31 -0.24 -12.42	87.34 -0.46 -11.93	79.76 -0.35 -10.63	64.18 -0.17 -8.79	64.11 -0.06 -8.79	63.24 0.00 -7.92	63.31 0.06 -7.93	55.15 -0.28 0.00	63.39 -0.51 -0.29	66.04 -0.33 0.00	83.10 -0.33 0.00	80.89 -0.24 0.00	69.44 0.00 0.00	59.83 0.30 0.00	55.38 0.11 0.00	78.00 -0.31 0.00	83.83 -0.25 0.00
QUAKERRD_115KV_BK1 80622	53.52 -2.56 -0.47	52.78 -2.72 -0.07	51.78 -3.54 0.00	51.68 -3.47 0.00	52.27 -3.10 0.00	54.18 -2.67 0.00	73.28 -4.02 0.00	74.54 -5.06 -0.48	71.54 -5.16 -0.83	65.92 -4.72 -1.16	54.93 -3.67 -3.05	53.91 -3.82 -2.35	53.45 -3.87 -2.01	53.79 -3.87 -2.34	54.79 -3.71 -3.08	63.80 -4.07 -4.26	64.74 -4.18 -2.55	81.37 -5.76 -3.70	78.81 -5.44 -3.11	67.05 -4.93 -2.55	58.05 -4.64 -3.16	53.51 -4.31 -2.55	74.32 -5.01 -1.02	78.28 -5.80 0.00
QUEENSBRY_115KV_TB8 356137	64.19 3.34 -5.24	59.53 3.33 -0.77	58.31 2.99 0.00	57.96 2.81 0.00	58.37 2.99 0.00	60.27 3.41 0.00	82.17 4.87 0.00	89.33 5.06 -5.14	89.81 4.93 -9.02	86.42 4.38 -12.56	91.64 3.17 -32.92	83.85 3.05 -25.43	79.99 2.99 -21.68	83.70 3.10 -25.28	91.85 3.16 -33.26	113.53 3.88 -46.04	116.31 4.31 -45.63	168.14 5.67 -79.04	156.85 5.76 -69.96	131.40 4.79 -57.17	134.94 4.05 -71.35	115.42 3.54 -56.61	105.75 5.01 -22.43	89.21 5.13 0.00
RAMAPO___LBMP 323565	63.29 3.95 -3.73	59.86 3.88 -0.55	59.14 3.82 0.00	58.79 3.64 0.00	59.14 3.77 0.00	60.95 4.09 0.00	82.40 5.10 0.00	88.40 5.62 -3.65	87.96 5.69 -6.41	83.62 5.21 -8.93	83.02 4.06 -23.41	77.39 3.93 -18.08	74.66 3.93 -15.41	77.22 3.93 -17.97	83.06 3.99 -23.64	101.17 4.83 -32.73	119.68 5.18 -48.14	151.73 6.51 -61.79	137.10 6.17 -49.80	115.41 5.28 -40.69	114.85 4.52 -50.79	99.70 4.15 -40.28	99.68 5.40 -15.96	89.63 5.55 0.00
RANKINE____ 23646	52.65 -3.61 -0.65	51.42 -4.10 -0.10	52.11 -3.21 0.00	52.23 -2.92 0.00	53.10 -2.27 0.00	55.38 -1.48 0.00	74.44 -2.86 0.00	73.16 -6.49 -0.52	70.17 -6.60 -0.91	64.70 -6.04 -1.26	54.25 -4.61 -3.30	53.05 -4.87 -2.55	52.52 -4.98 -2.18	52.88 -4.98 -2.54	53.89 -4.88 -3.34	62.82 -5.41 -4.62	62.32 -6.44 -2.39	78.15 -8.43 -3.14	75.50 -8.19 -2.56	64.32 -7.22 -2.10	55.94 -6.19 -2.60	51.54 -5.80 -2.08	71.63 -7.52 -0.84	78.20 -5.89 0.00
RAVENSWOOD_GT2_1 24244	64.39 4.89 -3.89	60.83 4.82 -0.57	60.13 4.81 0.00	59.73 4.58 0.00	60.08 4.71 0.00	61.86 5.00 0.00	83.33 6.03 0.00	89.58 6.65 -3.80	89.29 6.75 -6.68	85.03 6.25 -9.30	84.82 4.89 -24.37	79.02 4.82 -18.83	76.19 4.81 -16.05	78.85 4.81 -18.71	84.87 4.82 -24.62	103.54 5.85 -34.08	123.10 6.17 -50.56	155.60 7.68 -64.49	140.29 7.30 -51.85	118.13 6.32 -42.37	117.90 5.48 -52.88	102.25 5.03 -41.95	101.51 6.58 -16.62	90.89 6.81 0.00



RAVENSWOOD_GT2_2 24245	64.39 4.89 -3.89	60.83 4.82 -0.57	60.13 4.81 0.00	59.73 4.58 0.00	60.08 4.71 0.00	61.86 5.00 0.00	83.33 6.03 0.00	89.58 6.65 -3.80	89.29 6.75 -6.68	85.03 6.25 -9.30	84.82 4.89 -24.37	79.02 4.82 -18.83	76.19 4.81 -16.05	78.85 4.81 -18.71	84.87 4.82 -24.62	103.54 5.85 -34.08	123.10 6.17 -50.56	155.60 7.68 -64.49	140.29 7.30 -51.85	118.13 6.32 -42.37	117.90 5.48 -52.88	102.25 5.03 -41.95	101.51 6.58 -16.62	90.89 6.81 0.00
RAVENSWOOD_GT2_3 24246	64.39 4.89 -3.89	60.83 4.82 -0.57	60.13 4.81 0.00	59.73 4.58 0.00	60.14 4.76 0.00	61.91 5.06 0.00	83.33 6.03 0.00	89.58 6.65 -3.80	89.37 6.83 -6.68	85.10 6.32 -9.30	84.87 4.94 -24.37	79.08 4.87 -18.83	76.24 4.87 -16.05	78.85 4.81 -18.71	84.93 4.88 -24.62	103.54 5.85 -34.08	123.10 6.17 -50.56	155.68 7.76 -64.49	140.37 7.38 -51.85	118.13 6.32 -42.37	117.90 5.48 -52.88	102.25 5.03 -41.95	101.59 6.66 -16.62	90.89 6.81 0.00
RAVENSWOOD_GT2_4 24247	64.39 4.89 -3.89	60.83 4.82 -0.57	60.13 4.81 0.00	59.73 4.58 0.00	60.14 4.76 0.00	61.91 5.06 0.00	83.33 6.03 0.00	89.58 6.65 -3.80	89.37 6.83 -6.68	85.10 6.32 -9.30	84.87 4.94 -24.37	79.08 4.87 -18.83	76.24 4.87 -16.05	78.85 4.81 -18.71	84.93 4.88 -24.62	103.54 5.85 -34.08	123.10 6.17 -50.56	155.68 7.76 -64.49	140.37 7.38 -51.85	118.13 6.32 -42.37	117.90 5.48 -52.88	102.25 5.03 -41.95	101.59 6.66 -16.62	90.89 6.81 0.00
RAVENSWOOD_GT3_1 24248	64.39 4.89 -3.89	60.83 4.82 -0.57	60.13 4.81 0.00	59.73 4.58 0.00	60.08 4.71 0.00	61.86 5.00 0.00	83.33 6.03 0.00	89.58 6.65 -3.80	89.29 6.75 -6.68	85.03 6.25 -9.30	84.82 4.89 -24.37	79.02 4.82 -18.83	76.19 4.81 -16.05	78.85 4.81 -18.71	84.87 4.82 -24.62	103.54 5.85 -34.08	123.10 6.17 -50.56	155.68 7.76 -64.49	140.29 7.30 -51.85	118.13 6.32 -42.37	117.90 5.48 -52.88	102.25 5.03 -41.95	101.51 6.58 -16.62	90.89 6.81 0.00
RAVENSWOOD_GT3_2 24249	64.39 4.89 -3.89	60.83 4.82 -0.57	60.13 4.81 0.00	59.73 4.58 0.00	60.08 4.71 0.00	61.86 5.00 0.00	83.33 6.03 0.00	89.58 6.65 -3.80	89.29 6.75 -6.68	85.03 6.25 -9.30	84.82 4.89 -24.37	79.02 4.82 -18.83	76.19 4.81 -16.05	78.85 4.81 -18.71	84.87 4.82 -24.62	103.54 5.85 -34.08	123.10 6.17 -50.56	155.68 7.76 -64.49	140.29 7.30 -51.85	118.13 6.32 -42.37	117.90 5.48 -52.88	102.25 5.03 -41.95	101.51 6.58 -16.62	90.89 6.81 0.00
RAVENSWOOD_GT3_3 24250	64.44 4.95 -3.89	60.88 4.88 -0.57	60.19 4.87 0.00	59.78 4.63 0.00	60.19 4.82 0.00	61.97 5.12 0.00	83.40 6.11 0.00	89.66 6.73 -3.80	89.44 6.90 -6.68	85.17 6.39 -9.30	84.93 5.00 -24.37	79.13 4.93 -18.83	76.30 4.92 -16.05	78.90 4.87 -18.71	84.98 4.93 -24.62	103.61 5.92 -34.08	123.17 6.24 -50.56	155.77 7.84 -64.49	140.45 7.46 -51.85	118.20 6.39 -42.37	117.96 5.54 -52.88	102.30 5.08 -41.95	101.67 6.73 -16.62	90.98 6.89 0.00
RAVENSWOOD_GT3_4 24251	64.44 4.95 -3.89	60.88 4.88 -0.57	60.19 4.87 0.00	59.78 4.63 0.00	60.19 4.82 0.00	61.97 5.12 0.00	83.40 6.11 0.00	89.66 6.73 -3.80	89.44 6.90 -6.68	85.17 6.39 -9.30	84.93 5.00 -24.37	79.13 4.93 -18.83	76.30 4.92 -16.05	78.90 4.87 -18.71	84.98 4.93 -24.62	103.61 5.92 -34.08	123.17 6.24 -50.56	155.77 7.84 -64.49	140.45 7.46 -51.85	118.20 6.39 -42.37	117.96 5.54 -52.88	102.30 5.08 -41.95	101.67 6.73 -16.62	90.98 6.89 0.00
RAVENSWOOD_GT_1 23729	64.68 5.17 -3.89	61.17 5.15 -0.58	60.42 5.09 -0.01	60.07 4.91 -0.01	60.42 5.04 -0.01	62.20 5.34 0.00	83.48 6.18 0.00	89.74 6.81 -3.80	89.44 6.90 -6.68	85.31 6.53 -9.30	84.98 5.06 -24.37	79.24 5.04 -18.83	76.41 5.03 -16.05	79.01 4.98 -18.71	85.04 4.99 -24.62	103.67 5.98 -34.08	123.17 6.24 -50.56	155.77 7.84 -64.49	140.37 7.38 -51.85	118.34 6.53 -42.37	118.08 5.66 -52.88	102.47 5.25 -41.95	101.98 7.05 -16.62	91.32 7.23 0.00
RAVENSWOOD_GT_10 24258	64.33 4.84 -3.88	60.83 4.82 -0.57	60.08 4.76 0.00	59.67 4.52 0.00	60.08 4.71 0.00	61.86 5.00 0.00	83.33 6.03 0.00	89.58 6.65 -3.80	89.29 6.75 -6.68	85.03 6.25 -9.30	84.82 4.89 -24.37	79.02 4.82 -18.83	76.19 4.81 -16.05	78.85 4.81 -18.71	84.87 4.82 -24.62	103.54 5.85 -34.08	123.10 6.17 -50.56	155.68 7.76 -64.49	140.29 7.30 -51.85	118.13 6.32 -42.37	117.90 5.48 -52.88	102.19 4.97 -41.95	101.51 6.58 -16.62	90.81 6.73 0.00
RAVENSWOOD_GT_11 24259	64.33 4.84 -3.88	60.83 4.82 -0.57	60.08 4.76 0.00	59.67 4.52 0.00	60.08 4.71 0.00	61.86 5.00 0.00	83.33 6.03 0.00	89.58 6.65 -3.80	89.29 6.75 -6.68	85.03 6.25 -9.30	84.82 4.89 -24.37	79.02 4.82 -18.83	76.19 4.81 -16.05	78.85 4.81 -18.71	84.87 4.82 -24.62	103.54 5.85 -34.08	123.10 6.17 -50.56	155.68 7.76 -64.49	140.29 7.30 -51.85	118.13 6.32 -42.37	117.90 5.48 -52.88	102.19 4.97 -41.95	101.51 6.58 -16.62	90.81 6.73 0.00
RAVENSWOOD_GT_4 24252	64.33 4.84 -3.88	60.77 4.77 -0.57	60.07 4.76 0.01	59.67 4.52 0.01	60.02 4.65 0.01	61.80 4.95 0.00	83.33 6.03 0.00	89.58 6.65 -3.80	89.29 6.75 -6.68	85.03 6.25 -9.30	84.82 4.89 -24.37	79.02 4.82 -18.83	76.19 4.81 -16.05	78.79 4.76 -18.71	84.87 4.82 -24.62	103.54 5.85 -34.08	123.10 6.17 -50.56	155.68 7.76 -64.49	140.29 7.30 -51.85	118.13 6.32 -42.37	117.84 5.42 -52.88	102.19 4.97 -41.95	101.51 6.58 -16.62	90.81 6.73 0.00
RAVENSWOOD_GT_5 24254	64.33 4.84 -3.88	60.77 4.77 -0.57	60.07 4.76 0.01	59.67 4.52 0.01	60.02 4.65 0.01	61.80 4.95 0.00	83.33 6.03 0.00	89.58 6.65 -3.80	89.29 6.75 -6.68	85.03 6.25 -9.30	84.82 4.89 -24.37	79.02 4.82 -18.83	76.19 4.81 -16.05	78.79 4.76 -18.71	84.87 4.82 -24.62	103.54 5.85 -34.08	123.10 6.17 -50.56	155.68 7.76 -64.49	140.29 7.30 -51.85	118.13 6.32 -42.37	117.84 5.42 -52.88	102.19 4.97 -41.95	101.51 6.58 -16.62	90.81 6.73 0.00
RAVENSWOOD_GT_6 24253	64.33 4.84 -3.88	60.77 4.77 -0.57	60.07 4.76 0.01	59.67 4.52 0.01	60.02 4.65 0.01	61.80 4.95 0.00	83.33 6.03 0.00	89.58 6.65 -3.80	89.29 6.75 -6.68	85.03 6.25 -9.30	84.82 4.89 -24.37	79.02 4.82 -18.83	76.19 4.81 -16.05	78.79 4.76 -18.71	84.87 4.82 -24.62	103.54 5.85 -34.08	123.10 6.17 -50.56	155.68 7.76 -64.49	140.29 7.30 -51.85	118.13 6.32 -42.37	117.84 5.42 -52.88	102.19 4.97 -41.95	101.51 6.58 -16.62	90.81 6.73 0.00
RAVENSWOOD_GT_7 24255	64.33 4.84 -3.88	60.77 4.77 -0.57	60.07 4.76 0.01	59.67 4.52 0.01	60.02 4.65 0.01	61.80 4.95 0.00	83.33 6.03 0.00	89.58 6.65 -3.80	89.29 6.75 -6.68	85.03 6.25 -9.30	84.82 4.89 -24.37	79.02 4.82 -18.83	76.19 4.81 -16.05	78.79 4.76 -18.71	84.87 4.82 -24.62	103.54 5.85 -34.08	123.10 6.17 -50.56	155.68 7.76 -64.49	140.29 7.30 -51.85	118.13 6.32 -42.37	117.84 5.42 -52.88	102.19 4.97 -41.95	101.51 6.58 -16.62	90.81 6.73 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	64.33 4.84 -3.88	60.83 4.82 -0.57	60.08 4.76 0.00	59.67 4.52 0.00	60.08 4.71 0.00	61.86 5.00 0.00	83.33 6.03 0.00	89.58 6.65 -3.80	89.29 6.75 -6.68	85.03 6.25 -9.30	84.82 4.89 -24.37	79.02 4.82 -18.83	76.19 4.81 -16.05	78.85 4.81 -18.71	84.87 4.82 -24.62	103.54 5.85 -34.08	123.10 6.17 -50.56	155.68 7.76 -64.49	140.29 7.30 -51.85	118.13 6.32 -42.37	117.90 5.48 -52.88	102.19 4.97 -41.95	101.51 6.58 -16.62	90.81 6.73 0.00

RAVENSWOOD_GT_9 24257	64.33 4.84 -3.88	60.83 4.82 -0.57	60.08 4.76 0.00	59.67 4.52 0.00	60.08 4.71 0.00	61.86 5.00 0.00	83.33 6.03 0.00	89.58 6.65 -3.80	89.29 6.75 -6.68	85.03 6.25 -9.30	84.82 4.89 -24.37	79.02 4.82 -18.83	76.19 4.81 -16.05	78.85 4.81 -18.71	84.87 4.82 -24.62	103.54 5.85 -34.08	123.10 6.17 -50.56	155.68 7.76 -64.49	140.29 7.30 -51.85	118.13 6.32 -42.37	117.90 5.48 -52.88	102.19 4.97 -41.95	101.51 6.58 -16.62	90.81 6.73 0.00
RAVENSWOOD___1 23533	64.68 5.17 -3.89	61.11 5.10 -0.58	60.47 5.15 -0.01	60.07 4.91 -0.01	60.47 5.09 -0.01	62.14 5.29 0.00	83.48 6.19 0.00	89.66 6.72 -3.81	89.45 6.90 -6.68	85.25 6.46 -9.31	85.00 5.05 -24.39	79.14 4.93 -18.84	76.42 5.03 -16.06	79.08 5.03 -18.73	85.00 4.93 -24.64	103.82 6.11 -34.11	123.21 6.31 -50.53	155.71 7.84 -64.44	140.56 7.62 -51.81	118.30 6.53 -42.33	117.97 5.59 -52.84	102.41 5.19 -41.95	101.90 6.97 -16.62	91.23 7.14 0.00
RAVENSWOOD___2 23534	64.68 5.17 -3.89	61.11 5.10 -0.58	60.47 5.15 -0.01	60.01 4.85 -0.01	60.42 5.04 -0.01	62.14 5.29 0.00	83.40 6.11 0.00	89.66 6.72 -3.81	89.45 6.90 -6.68	85.25 6.46 -9.31	85.00 5.05 -24.39	79.14 4.93 -18.84	76.36 4.98 -16.06	79.03 4.98 -18.73	85.00 4.93 -24.64	103.82 6.11 -34.11	123.21 6.31 -50.53	155.63 7.76 -64.44	140.48 7.55 -51.81	118.23 6.46 -42.33	117.97 5.59 -52.84	102.41 5.19 -41.95	101.90 6.97 -16.62	91.23 7.14 0.00
RAVENSWOOD___3 23535	64.39 4.89 -3.89	60.82 4.82 -0.57	60.19 4.87 0.00	59.78 4.63 0.00	60.14 4.76 0.00	61.91 5.06 0.00	83.33 6.03 0.00	89.59 6.65 -3.81	89.29 6.75 -6.68	85.04 6.26 -9.31	84.89 4.94 -24.39	79.03 4.82 -18.84	76.25 4.87 -16.06	78.92 4.87 -18.73	84.89 4.82 -24.64	103.63 5.92 -34.11	123.07 6.17 -50.53	155.63 7.76 -64.44	140.40 7.46 -51.81	118.09 6.32 -42.33	117.85 5.47 -52.84	102.19 4.98 -41.95	101.51 6.58 -16.62	90.89 6.81 0.00
RAVENSWOOD___4 23820	64.61 5.11 -3.89	61.11 5.10 -0.58	60.41 5.09 -0.01	60.01 4.85 -0.01	60.42 5.04 -0.01	62.14 5.29 0.00	83.40 6.11 0.00	89.66 6.72 -3.81	89.37 6.83 -6.68	85.25 6.46 -9.31	85.00 5.05 -24.39	79.14 4.93 -18.84	76.36 4.98 -16.06	79.03 4.98 -18.73	85.00 4.93 -24.64	103.76 6.05 -34.11	123.21 6.31 -50.53	155.63 7.76 -64.44	140.48 7.55 -51.81	118.23 6.46 -42.33	117.97 5.59 -52.84	102.41 5.19 -41.95	101.83 6.89 -16.62	91.23 7.14 0.00
RCPL_TRUST___DRP 24196	64.33 4.84 -3.88	60.77 4.77 -0.57	60.08 4.76 0.00	59.67 4.52 0.00	60.03 4.65 0.00	61.86 5.00 0.00	83.33 6.03 0.00	89.66 6.73 -3.80	89.37 6.83 -6.68	85.10 6.32 -9.30	84.87 4.94 -24.37	79.07 4.87 -18.83	76.24 4.87 -16.05	78.84 4.81 -18.71	84.93 4.88 -24.62	103.60 5.92 -34.08	123.16 6.24 -50.55	155.76 7.84 -64.48	140.36 7.38 -51.84	118.12 6.32 -42.36	117.89 5.48 -52.87	102.24 5.03 -41.94	101.51 6.58 -16.62	90.81 6.73 0.00
RED___ROCHESTER 323720	54.71 -1.39 -0.49	53.84 -1.66 -0.07	52.72 -2.60 0.00	52.67 -2.48 0.00	53.33 -2.05 0.00	55.38 -1.48 0.00	74.82 -2.48 0.00	75.82 -3.80 -0.48	72.76 -3.95 -0.85	66.98 -3.68 -1.18	55.93 -2.72 -3.10	54.83 -2.94 -2.39	54.32 -3.04 -2.04	54.66 -3.04 -2.38	55.62 -2.94 -3.13	64.96 -2.99 -4.34	65.96 -2.92 -2.51	82.53 -4.51 -3.60	79.94 -4.22 -3.03	68.16 -3.75 -2.48	58.79 -3.81 -3.07	54.39 -3.26 -2.38	75.51 -3.76 -0.95	79.46 -4.62 0.00
REGAN___SOLAR 323812	65.61 4.39 -5.60	60.64 4.38 -0.83	59.52 4.20 0.00	59.23 4.08 0.00	59.70 4.32 0.00	61.68 4.83 0.00	84.40 7.11 0.00	91.67 7.04 -5.50	92.03 6.53 -9.64	88.19 5.28 -13.44	94.49 3.72 -35.21	85.90 3.32 -27.20	81.77 3.26 -23.19	85.84 3.49 -27.03	94.55 3.55 -35.57	117.62 4.77 -49.24	120.71 5.51 -48.84	175.41 7.51 -84.47	163.49 7.62 -74.74	136.97 6.46 -61.07	141.18 5.42 -76.23	120.65 4.86 -60.52	109.02 6.74 -23.98	90.81 6.73 0.00
RENSSELAER___COGEN 23796	62.86 2.17 -5.08	58.34 2.16 -0.75	57.48 2.16 0.00	57.19 2.04 0.00	57.53 2.16 0.00	59.19 2.33 0.00	80.16 2.86 0.00	86.96 2.84 -4.98	87.42 2.81 -8.75	84.24 2.57 -12.18	89.65 2.16 -31.93	82.15 2.10 -24.67	78.45 2.10 -21.03	81.94 2.10 -24.52	89.79 2.11 -32.26	110.30 2.04 -44.65	112.45 2.06 -44.03	162.45 2.50 -76.52	151.35 2.43 -67.79	126.91 2.08 -55.39	130.40 1.73 -69.14	111.70 1.55 -54.89	102.64 2.58 -21.75	87.28 3.19 0.00
REPUBLIC_115KV_BARTNBRK 55605	66.74 5.89 -5.24	62.08 5.88 -0.77	60.74 5.42 0.00	60.34 5.18 0.00	60.86 5.48 0.00	63.00 6.14 0.00	86.19 8.89 0.00	93.29 9.02 -5.14	93.75 8.88 -9.01	89.88 7.85 -12.55	94.18 5.72 -32.90	86.33 5.54 -25.42	82.47 5.48 -21.67	86.22 5.64 -25.26	94.37 5.71 -33.24	116.55 6.93 -46.01	119.69 7.70 -45.62	172.60 10.18 -78.99	161.27 10.22 -69.91	135.04 8.47 -57.13	137.99 7.14 -71.31	118.20 6.36 -56.58	109.66 8.93 -22.41	93.25 9.17 0.00
REVERE_CPPR_DRP 24186	57.75 1.95 -0.20	57.23 1.77 -0.03	57.20 1.88 0.00	56.92 1.76 0.00	57.31 1.94 0.00	59.13 2.27 0.00	81.24 3.94 0.00	83.52 4.19 -0.20	80.00 3.79 -0.34	73.43 3.47 -0.48	59.19 2.27 -1.25	58.61 2.27 -0.97	58.25 2.10 -0.82	58.49 2.21 -0.96	59.02 2.33 -1.26	68.48 3.12 -1.75	71.35 3.25 -1.73	90.56 4.17 -2.95	87.79 4.06 -2.60	74.97 3.40 -2.13	64.99 2.80 -2.66	59.69 2.27 -2.15	82.30 3.13 -0.85	87.11 3.03 0.00
REYNOLDS_115KV_TB3 80639	63.21 2.50 -5.09	58.62 2.44 -0.75	57.75 2.43 0.00	57.47 2.32 0.00	57.76 2.38 0.00	59.47 2.62 0.00	80.62 3.32 0.00	87.45 3.32 -4.99	87.89 3.26 -8.76	84.74 3.06 -12.21	89.99 2.44 -31.99	82.52 2.44 -24.71	78.82 2.43 -21.07	82.32 2.43 -24.56	90.19 2.44 -32.32	110.89 2.54 -44.73	113.32 2.59 -44.36	163.49 3.25 -76.81	152.27 3.16 -67.98	127.63 2.64 -55.55	131.13 2.26 -69.33	112.33 2.05 -55.01	103.24 3.13 -21.79	87.70 3.62 0.00
RIVERBAY____ 323610	65.40 5.89 -3.89	61.83 5.82 -0.58	61.14 5.81 -0.01	60.78 5.63 -0.01	61.20 5.81 -0.01	63.05 6.20 0.00	84.41 7.11 0.00	90.53 7.60 -3.80	90.05 7.51 -6.68	85.87 7.09 -9.30	85.32 5.39 -24.37	79.52 5.32 -18.83	76.68 5.31 -16.05	79.29 5.26 -18.71	85.37 5.32 -24.62	104.05 6.36 -34.08	123.50 6.57 -50.56	156.10 8.18 -64.49	140.69 7.71 -51.85	118.89 7.08 -42.37	118.67 6.25 -52.88	103.13 5.91 -41.95	103.00 8.07 -16.62	92.49 8.41 0.00
RIVERSDE_115KV_TB3 55908	63.16 2.45 -5.10	58.62 2.44 -0.75	57.70 2.38 0.00	57.41 2.26 0.00	57.76 2.38 0.00	59.47 2.62 0.00	80.54 3.25 0.00	87.38 3.24 -5.00	87.90 3.26 -8.78	84.70 2.99 -12.23	90.05 2.44 -32.05	82.52 2.38 -24.76	78.81 2.38 -21.11	82.31 2.38 -24.61	90.19 2.38 -32.38	110.85 2.42 -44.82	113.15 2.46 -44.33	163.35 3.00 -76.91	152.16 2.92 -68.11	127.60 2.50 -55.66	131.14 2.14 -69.46	112.32 1.93 -55.12	103.13 2.98 -21.84	87.70 3.62 0.00
ROARING___BROOK_WT_PWR 323790	54.05 -1.56 0.00	53.99 -1.44 0.00	53.94 -1.38 0.00	53.89 -1.27 0.00	54.05 -1.33 0.00	55.38 -1.48 0.00	75.60 -1.70 0.00	77.71 -1.42 0.00	74.65 -1.22 0.00	68.44 -1.04 0.00	54.66 -0.89 0.00	54.38 -1.00 0.00	54.16 -1.16 0.00	54.05 -1.27 0.00	54.21 -1.22 0.00	62.21 -1.40 0.00	65.18 -1.19 0.00	82.09 -1.34 0.00	80.00 -1.14 0.00	68.61 -0.83 0.00	58.88 -0.65 0.00	54.55 -0.72 0.00	77.14 -1.17 0.00	82.82 -1.26 0.00

ROCHESRG_115KV_T4 355643	54.20 -1.89 -0.48	53.34 -2.16 -0.07	52.28 -3.04 0.00	52.23 -2.92 0.00	52.83 -2.55 0.00	54.81 -2.05 0.00	74.05 -3.25 0.00	74.87 -4.75 -0.49	71.86 -4.86 -0.85	66.22 -4.45 -1.19	55.29 -3.39 -3.12	54.24 -3.54 -2.41	53.72 -3.65 -2.06	54.07 -3.65 -2.40	55.09 -3.49 -3.15	64.23 -3.75 -4.37	64.90 -3.92 -2.45	81.34 -5.59 -3.49	78.87 -5.19 -2.93	67.05 -4.79 -2.40	57.92 -4.58 -2.97	53.52 -4.15 -2.39	74.65 -4.62 -0.96	78.79 -5.30 0.00
ROCHESTER_9_IC 23652	54.48 -1.61 -0.49	53.62 -1.88 -0.07	52.55 -2.77 0.00	52.45 -2.70 0.00	53.10 -2.27 0.00	55.15 -1.71 0.00	74.44 -2.86 0.00	75.42 -4.19 -0.49	72.32 -4.40 -0.86	66.64 -4.03 -1.19	55.62 -3.06 -3.12	54.58 -3.21 -2.41	54.06 -3.32 -2.06	54.40 -3.32 -2.40	55.43 -3.16 -3.16	64.61 -3.37 -4.37	65.36 -3.45 -2.44	81.90 -5.01 -3.48	79.42 -4.62 -2.92	67.59 -4.24 -2.39	58.32 -4.17 -2.96	53.84 -3.81 -2.38	75.12 -4.15 -0.95	79.12 -4.96 0.00
ROCKVIEW_13_KV_LD 356306	64.33 4.84 -3.88	60.77 4.77 -0.57	60.02 4.70 0.00	59.62 4.47 0.00	60.03 4.65 0.00	61.86 5.00 0.00	83.48 6.18 0.00	89.90 6.96 -3.80	89.52 6.98 -6.68	85.17 6.39 -9.30	84.98 5.06 -24.37	79.13 4.93 -18.83	76.35 4.98 -16.05	78.96 4.92 -18.71	85.04 4.99 -24.62	103.67 5.98 -34.08	123.30 6.37 -50.56	155.93 8.01 -64.49	140.61 7.63 -51.85	118.34 6.53 -42.37	118.07 5.66 -52.88	102.36 5.14 -41.95	101.67 6.73 -16.62	91.06 6.98 0.00
ROME____115KV_TB2 80656	57.75 1.95 -0.20	57.23 1.77 -0.03	57.20 1.88 0.00	56.92 1.76 0.00	57.31 1.94 0.00	59.13 2.27 0.00	81.24 3.94 0.00	83.52 4.19 -0.20	80.00 3.79 -0.34	73.43 3.47 -0.48	59.19 2.39 -1.25	58.61 2.27 -0.97	58.25 2.10 -0.82	58.49 2.21 -0.96	59.02 2.33 -1.26	68.48 3.12 -1.75	71.35 3.25 -1.73	90.56 4.17 -2.95	87.79 4.06 -2.60	74.97 3.40 -2.13	64.99 2.80 -2.66	59.69 2.27 -2.15	82.30 3.13 -0.85	87.11 3.03 0.00
ROSETON___1 23587	63.46 4.01 -3.84	59.93 3.94 -0.57	59.31 3.99 0.00	58.90 3.75 0.00	59.31 3.93 0.00	61.06 4.21 0.00	82.48 5.18 0.00	88.60 5.70 -3.77	88.23 5.76 -6.61	83.96 5.28 -9.21	83.79 4.11 -24.13	78.00 3.99 -18.64	75.25 4.04 -15.89	77.88 4.04 -18.52	83.85 4.04 -24.37	102.25 4.90 -33.74	121.42 5.18 -49.87	153.65 6.51 -63.70	138.71 6.33 -51.25	116.66 5.35 -41.88	116.39 4.58 -52.27	100.91 4.15 -41.49	100.31 5.56 -16.44	89.80 5.72 0.00
ROSETON___2 23588	63.46 4.01 -3.84	59.93 3.94 -0.57	59.31 3.99 0.00	58.90 3.75 0.00	59.31 3.93 0.00	61.06 4.21 0.00	82.48 5.18 0.00	88.60 5.70 -3.77	88.23 5.76 -6.61	83.96 5.28 -9.21	83.79 4.11 -24.13	78.00 3.99 -18.64	75.25 4.04 -15.89	77.88 4.04 -18.52	83.85 4.04 -24.37	102.25 4.90 -33.74	121.42 5.18 -49.87	153.65 6.51 -63.70	138.71 6.33 -51.25	116.66 5.35 -41.88	116.39 4.58 -52.27	100.91 4.15 -41.49	100.31 5.56 -16.44	89.80 5.72 0.00
ROTRDAM_115KV_TB3 80664	63.02 2.11 -5.30	58.32 2.11 -0.78	57.31 1.99 0.00	57.08 1.93 0.00	57.37 1.99 0.00	59.13 2.27 0.00	80.31 3.01 0.00	87.33 3.01 -5.19	87.93 2.96 -9.11	84.81 2.64 -12.69	90.82 2.00 -33.26	83.01 1.94 -25.70	79.16 1.94 -21.91	82.80 1.94 -25.54	91.03 2.00 -33.60	112.54 2.42 -46.51	114.80 2.59 -45.84	166.53 3.34 -79.77	155.06 3.25 -70.69	129.98 2.78 -57.76	134.01 2.38 -72.09	114.62 2.16 -57.20	104.03 3.05 -22.66	87.28 3.20 0.00
RUSSELL___1 23602	54.70 -1.39 -0.49	53.84 -1.66 -0.07	52.78 -2.54 0.00	52.67 -2.48 0.00	53.38 -1.99 0.00	55.38 -1.48 0.00	74.82 -2.47 0.00	75.82 -3.80 -0.49	72.77 -3.94 -0.86	66.99 -3.68 -1.19	55.96 -2.72 -3.12	54.85 -2.93 -2.41	54.39 -2.99 -2.06	54.68 -3.04 -2.40	55.76 -2.83 -3.16	65.06 -2.93 -4.37	65.76 -3.05 -2.44	82.40 -4.51 -3.48	79.91 -4.14 -2.92	68.08 -3.75 -2.39	58.68 -3.81 -2.96	54.17 -3.48 -2.38	75.43 -3.84 -0.95	79.46 -4.62 0.00
RUSSELL___2 23532	54.70 -1.39 -0.49	53.84 -1.66 -0.07	52.78 -2.54 0.00	52.67 -2.48 0.00	53.38 -1.99 0.00	55.38 -1.48 0.00	74.82 -2.47 0.00	75.82 -3.80 -0.49	72.77 -3.94 -0.86	66.99 -3.68 -1.19	55.96 -2.72 -3.12	54.85 -2.93 -2.41	54.39 -2.99 -2.06	54.68 -3.04 -2.40	55.76 -2.83 -3.16	65.06 -2.93 -4.37	65.76 -3.05 -2.44	82.40 -4.51 -3.48	79.91 -4.14 -2.92	68.08 -3.75 -2.39	58.68 -3.81 -2.96	54.17 -3.48 -2.38	75.43 -3.84 -0.95	79.46 -4.62 0.00
RUSSELL___3 23549	54.70 -1.39 -0.49	53.84 -1.66 -0.07	52.78 -2.54 0.00	52.67 -2.48 0.00	53.38 -1.99 0.00	55.38 -1.48 0.00	74.82 -2.47 0.00	75.82 -3.80 -0.49	72.77 -3.94 -0.86	66.99 -3.68 -1.19	55.96 -2.72 -3.12	54.85 -2.93 -2.41	54.39 -2.99 -2.06	54.68 -3.04 -2.40	55.76 -2.83 -3.16	65.06 -2.93 -4.37	65.76 -3.05 -2.44	82.40 -4.51 -3.48	79.91 -4.14 -2.92	68.08 -3.75 -2.39	58.68 -3.81 -2.96	54.17 -3.48 -2.38	75.43 -3.84 -0.95	79.46 -4.62 0.00
RUSSELL___4 23556	54.70 -1.39 -0.49	53.84 -1.66 -0.07	52.78 -2.54 0.00	52.67 -2.48 0.00	53.38 -1.99 0.00	55.38 -1.48 0.00	74.82 -2.47 0.00	75.82 -3.80 -0.49	72.77 -3.94 -0.86	66.99 -3.68 -1.19	55.96 -2.72 -3.12	54.85 -2.93 -2.41	54.39 -2.99 -2.06	54.68 -3.04 -2.40	55.76 -2.83 -3.16	65.06 -2.93 -4.37	65.76 -3.05 -2.44	82.40 -4.51 -3.48	79.91 -4.14 -2.92	68.08 -3.75 -2.39	58.68 -3.81 -2.96	54.17 -3.48 -2.38	75.43 -3.84 -0.95	79.46 -4.62 0.00
RUSSELL___STATION 23914	54.70 -1.39 -0.49	53.84 -1.66 -0.07	52.78 -2.54 0.00	52.67 -2.48 0.00	53.38 -1.99 0.00	55.38 -1.48 0.00	74.82 -2.47 0.00	75.82 -3.80 -0.49	72.77 -3.94 -0.86	66.99 -3.68 -1.19	55.96 -2.72 -3.12	54.85 -2.93 -2.41	54.39 -2.99 -2.06	54.68 -3.04 -2.40	55.76 -2.83 -3.16	65.06 -2.93 -4.37	65.76 -3.05 -2.44	82.40 -4.51 -3.48	79.91 -4.14 -2.92	68.08 -3.75 -2.39	58.68 -3.81 -2.96	54.17 -3.48 -2.38	75.43 -3.84 -0.95	79.46 -4.62 0.00
S SALMON___HYD 24043	55.18 -0.72 -0.29	54.58 -0.89 -0.04	54.38 -0.94 0.00	54.10 -1.05 0.00	54.43 -0.94 0.00	56.18 -0.68 0.00	76.68 -0.62 0.00	79.02 -0.39 -0.28	75.75 -0.61 -0.50	69.76 -0.41 -0.69	56.88 -0.50 -1.82	56.12 -0.66 -1.41	55.75 -0.77 -1.20	56.00 -0.72 -1.40	56.61 -0.66 -1.84	65.65 -0.51 -2.55	68.51 -0.46 -2.60	87.20 -0.67 -4.44	84.40 -0.65 -3.92	71.95 -0.69 -3.20	62.88 -0.65 -3.99	57.78 -0.66 -3.17	78.71 -0.86 -1.26	82.91 -1.18 0.00
S.PERRY__115KV_TB1 80734	54.14 -2.17 -0.70	53.04 -2.49 -0.10	52.55 -2.77 0.00	52.50 -2.65 0.00	53.27 -2.10 0.00	55.55 -1.31 0.00	75.36 -1.93 0.00	76.54 -3.24 -0.65	73.21 -3.79 -1.14	67.31 -3.75 -1.59	56.76 -2.94 -4.15	55.32 -3.27 -3.21	54.63 -3.43 -2.73	55.13 -3.37 -3.19	56.69 -2.94 -4.19	66.62 -2.80 -5.81	64.44 -2.85 -0.92	80.31 -3.67 -0.55	77.99 -3.41 -0.27	66.54 -3.12 -0.23	56.73 -3.04 -0.23	52.35 -3.10 -0.17	74.73 -3.68 -0.10	80.05 -4.04 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	52.56 -3.67 -0.63	51.42 -4.10 -0.09	51.34 -3.98 0.00	51.46 -3.70 0.00	52.27 -3.10 0.00	54.47 -2.39 0.00	73.12 -4.17 0.00	71.94 -7.68 -0.48	68.97 -7.74 -0.84	63.63 -7.02 -1.17	53.23 -5.39 -3.06	52.09 -5.65 -2.37	51.59 -5.75 -2.02	51.92 -5.75 -2.35	52.81 -5.71 -3.09	61.60 -6.30 -4.28	61.66 -7.10 -2.39	77.10 -9.51 -3.18	74.65 -9.09 -2.61	63.45 -8.12 -2.14	54.93 -7.26 -2.66	50.81 -6.58 -2.12	71.03 -8.14 -0.86	76.68 -7.40 0.00

SAWYER___23_KV_LOAD 55526	52.56 -3.67 -0.63	51.42 -4.10 -0.09	51.34 -3.98 0.00	51.46 -3.70 0.00	52.27 -3.10 0.00	54.47 -2.39 0.00	73.12 -4.17 0.00	71.94 -7.68 -0.48	68.97 -7.74 -0.84	63.63 -7.02 -1.17	53.23 -5.39 -3.06	52.09 -5.65 -2.37	51.59 -5.75 -2.02	51.92 -5.75 -2.35	52.81 -5.71 -3.09	61.60 -6.30 -4.28	61.66 -7.10 -2.39	77.10 -9.51 -3.18	74.65 -9.09 -2.61	63.45 -8.12 -2.14	54.93 -7.26 -2.66	50.81 -6.58 -2.12	71.03 -8.14 -0.86	76.68 -7.40 0.00
SELKIRK___I 23801	62.77 2.17 -4.99	58.33 2.16 -0.74	57.48 2.16 0.00	57.19 2.04 0.00	57.53 2.16 0.00	59.19 2.33 0.00	80.23 2.94 0.00	86.80 2.77 -4.90	87.11 2.65 -8.59	83.81 2.36 -11.97	88.82 1.89 -31.37	81.43 1.82 -24.23	77.80 1.82 -20.66	81.29 1.88 -24.09	89.06 1.94 -31.69	109.57 2.10 -43.87	112.21 2.19 -43.65	161.41 2.67 -75.31	150.32 2.60 -66.59	126.08 2.22 -54.42	129.36 1.90 -67.92	110.96 1.77 -53.92	102.42 2.74 -21.36	87.36 3.28 0.00
SELKIRK___II 23799	62.73 2.06 -5.06	58.23 2.05 -0.75	57.42 2.10 0.00	57.08 1.93 0.00	57.43 2.05 0.00	59.07 2.22 0.00	80.08 2.78 0.00	86.86 2.77 -4.96	87.29 2.73 -8.70	84.10 2.50 -12.12	89.39 2.06 -31.78	81.91 1.99 -24.55	78.24 1.99 -20.93	81.71 1.99 -24.40	89.52 1.99 -32.10	110.14 2.10 -44.43	112.06 2.19 -43.50	162.13 2.67 -76.03	151.18 2.60 -67.45	126.72 2.16 -55.12	130.18 1.85 -68.80	111.60 1.72 -54.62	102.53 2.58 -21.64	87.20 3.11 0.00
SENECA OSWGO___HYD 24041	54.72 -1.22 -0.33	54.10 -1.38 -0.05	53.83 -1.49 0.00	53.55 -1.60 0.00	53.88 -1.49 0.00	55.66 -1.20 0.00	75.75 -1.55 0.00	77.79 -1.67 -0.32	74.76 -1.67 -0.56	68.73 -1.53 -0.78	56.39 -1.22 -2.06	55.63 -1.33 -1.59	55.35 -1.33 -1.35	55.57 -1.33 -1.58	56.23 -1.27 -2.08	65.15 -1.34 -2.87	67.91 -1.40 -2.93	86.69 -1.76 -5.01	83.77 -1.79 -4.42	71.46 -1.59 -3.61	62.49 -1.55 -4.51	57.41 -1.44 -3.58	77.93 -1.80 -1.42	82.15 -1.93 0.00
SENECA___115KV_TB3 355854	52.76 -3.50 -0.65	51.54 -3.99 -0.10	52.17 -3.15 0.00	52.34 -2.81 0.00	53.22 -2.16 0.00	55.43 -1.42 0.00	74.59 -2.71 0.00	73.32 -6.33 -0.52	70.32 -6.45 -0.91	64.84 -5.91 -1.26	54.36 -4.50 -3.30	53.16 -4.76 -2.55	52.63 -4.87 -2.18	52.99 -4.87 -2.54	53.94 -4.82 -3.34	62.95 -5.28 -4.62	62.45 -6.31 -2.39	78.31 -8.26 -3.14	75.66 -8.03 -2.56	64.46 -7.08 -2.10	56.00 -6.13 -2.60	51.65 -5.69 -2.08	71.79 -7.36 -0.84	78.37 -5.72 0.00
SENECA___ENERGY 23797	55.24 -0.89 -0.52	54.45 -1.05 -0.08	54.21 -1.11 0.00	53.94 -1.21 0.00	54.38 -1.00 0.00	56.46 -0.40 0.00	76.91 -0.38 0.00	78.69 -0.95 -0.50	75.53 -1.22 -0.88	69.46 -1.25 -1.23	57.72 -1.06 -3.22	56.70 -1.17 -2.49	56.23 -1.22 -2.12	56.58 -1.22 -2.47	57.58 -1.11 -3.26	67.10 -1.02 -4.51	69.63 -1.06 -4.33	88.75 -1.34 -6.65	85.53 -1.30 -5.70	72.85 -1.25 -4.66	64.03 -1.31 -5.81	58.65 -1.22 -4.59	78.49 -1.65 -1.82	82.48 -1.60 0.00
SHOEMAKER___GT 23640	62.55 3.39 -3.55	59.28 3.33 -0.52	58.70 3.38 0.00	58.29 3.14 0.00	58.70 3.32 0.00	60.50 3.64 0.00	81.86 4.56 0.00	87.51 4.91 -3.48	86.89 4.93 -6.10	82.35 4.38 -8.50	81.21 3.39 -22.27	75.84 3.27 -17.20	73.25 3.26 -14.66	75.68 3.26 -17.10	81.25 3.33 -22.49	98.88 4.13 -31.14	116.03 4.45 -45.21	147.53 5.59 -58.51	133.95 5.52 -47.30	112.67 4.58 -38.65	111.70 3.93 -48.24	97.11 3.54 -38.30	98.18 4.70 -15.17	88.96 4.87 0.00
SHOEMAKR_138KV_BK 111 55601	62.53 3.39 -3.52	59.28 3.33 -0.52	58.64 3.32 0.00	58.24 3.09 0.00	58.64 3.27 0.00	60.44 3.58 0.00	81.78 4.48 0.00	87.49 4.91 -3.45	86.85 4.93 -6.05	82.29 4.38 -8.43	81.05 3.39 -22.10	75.72 3.27 -17.07	73.14 3.26 -14.56	75.55 3.26 -16.97	81.08 3.33 -22.33	98.65 4.13 -30.91	115.69 4.45 -44.88	147.17 5.59 -58.15	133.60 5.44 -47.03	112.39 4.51 -38.43	111.43 3.93 -47.97	96.85 3.54 -38.04	98.08 4.70 -15.07	88.88 4.79 0.00
SHOREHAM_IC_1 23715	93.01 8.40 -29.00	77.42 8.31 -13.67	73.95 8.35 -10.27	72.59 8.16 -9.28	77.20 8.36 -13.46	76.88 8.81 -11.21	109.91 11.52 -21.10	130.70 12.02 -39.55	112.57 11.83 -24.88	89.98 10.49 -10.01	87.45 7.50 -24.39	80.92 6.70 -18.84	78.24 6.86 -16.07	81.13 7.08 -18.73	86.12 6.04 -24.64	108.38 7.82 -36.95	133.31 8.43 -58.51	158.48 10.60 -64.45	143.42 10.47 -51.81	132.83 8.82 -54.57	127.03 7.62 -59.87	119.46 6.85 -57.34	112.21 10.26 -23.64	105.02 10.59 -10.35
SHOREHAM_IC_2 23716	93.01 8.40 -29.00	77.42 8.31 -13.67	73.95 8.35 -10.27	72.59 8.16 -9.28	77.20 8.36 -13.46	76.88 8.81 -11.21	109.91 11.52 -21.10	130.70 12.02 -39.55	112.57 11.83 -24.88	89.98 10.49 -10.01	87.45 7.50 -24.39	80.92 6.70 -18.84	78.24 6.86 -16.07	81.13 7.08 -18.73	86.12 6.04 -24.64	108.38 7.82 -36.95	133.31 8.43 -58.51	158.48 10.60 -64.45	143.42 10.47 -51.81	132.83 8.82 -54.57	127.03 7.62 -59.87	119.46 6.85 -57.34	112.21 10.26 -23.64	105.02 10.59 -10.35
SISSONVILLE___ 23735	64.03 -1.61 -10.03	64.27 -1.22 -10.06	64.20 -1.16 -10.04	64.25 -0.94 -10.04	63.90 -1.50 -10.02	64.57 -2.44 -10.16	87.89 -2.86 -13.46	90.41 -2.53 -13.81	86.64 -2.50 -13.28	79.22 -2.08 -11.83	63.94 -1.39 -9.78	63.88 -1.27 -9.78	62.97 -1.16 -8.81	62.98 -1.16 -8.82	53.77 -1.66 0.00	61.77 -2.16 -0.32	64.24 -2.12 0.00	80.76 -2.67 0.00	78.78 -2.35 0.00	67.63 -1.81 0.00	58.23 -1.31 0.00	54.11 -1.16 0.00	76.28 -2.04 0.00	82.15 -1.93 0.00
SITHE_IND_GS1 24169	53.91 -1.95 -0.25	53.42 -2.05 -0.04	53.16 -2.16 0.00	52.94 -2.21 0.00	53.21 -2.16 0.00	54.86 -1.99 0.00	74.59 -2.71 0.00	76.45 -2.93 -0.24	73.41 -2.88 -0.43	67.43 -2.64 -0.60	55.01 -2.11 -1.56	54.42 -2.16 -1.21	54.14 -2.21 -1.03	54.31 -2.21 -1.20	54.85 -2.16 -1.58	63.45 -2.35 -2.19	66.12 -2.45 -2.20	84.02 -3.17 -3.76	81.36 -3.08 -3.31	69.44 -2.71 -2.71	60.47 -2.44 -3.38	55.68 -2.27 -2.68	76.48 -2.90 -1.06	80.97 -3.11 0.00
SITHE_IND_GS2 24170	53.91 -1.95 -0.25	53.42 -2.05 -0.04	53.16 -2.16 0.00	52.94 -2.21 0.00	53.21 -2.16 0.00	54.86 -1.99 0.00	74.59 -2.71 0.00	76.45 -2.93 -0.24	73.41 -2.88 -0.43	67.43 -2.64 -0.60	55.01 -2.11 -1.56	54.42 -2.16 -1.21	54.14 -2.21 -1.03	54.31 -2.21 -1.20	54.85 -2.16 -1.58	63.45 -2.35 -2.19	66.12 -2.45 -2.20	84.02 -3.17 -3.76	81.36 -3.08 -3.31	69.44 -2.71 -2.71	60.47 -2.44 -3.38	55.68 -2.27 -2.68	76.48 -2.90 -1.06	80.97 -3.11 0.00
SITHE_IND_GS3 24171	53.91 -1.95 -0.25	53.42 -2.05 -0.04	53.16 -2.16 0.00	52.94 -2.21 0.00	53.21 -2.16 0.00	54.86 -1.99 0.00	74.59 -2.71 0.00	76.45 -2.93 -0.24	73.41 -2.88 -0.43	67.43 -2.64 -0.60	55.01 -2.11 -1.56	54.42 -2.16 -1.21	54.14 -2.21 -1.03	54.31 -2.21 -1.20	54.85 -2.16 -1.58	63.45 -2.35 -2.19	66.12 -2.45 -2.20	84.02 -3.17 -3.76	81.36 -3.08 -3.31	69.44 -2.71 -2.71	60.47 -2.44 -3.38	55.68 -2.27 -2.68	76.48 -2.90 -1.06	80.97 -3.11 0.00
SITHE_IND_GS4 24172	53.91 -1.95 -0.25	53.42 -2.05 -0.04	53.16 -2.16 0.00	52.94 -2.21 0.00	53.21 -2.16 0.00	54.86 -1.99 0.00	74.59 -2.71 0.00	76.45 -2.93 -0.24	73.41 -2.88 -0.43	67.43 -2.64 -0.60	55.01 -2.11 -1.56	54.42 -2.16 -1.21	54.14 -2.21 -1.03	54.31 -2.21 -1.20	54.85 -2.16 -1.58	63.45 -2.35 -2.19	66.12 -2.45 -2.20	84.02 -3.17 -3.76	81.36 -3.08 -3.31	69.44 -2.71 -2.71	60.47 -2.44 -3.38	55.68 -2.27 -2.68	76.48 -2.90 -1.06	80.97 -3.11 0.00

SITHE___BATAVIA 24024	54.22 -1.95 -0.56	53.19 -2.33 -0.08	52.50 -2.82 0.00	52.56 -2.59 0.00	53.44 -1.94 0.00	55.72 -1.14 0.00	74.98 -2.32 0.00	74.78 -4.83 -0.48	71.62 -5.08 -0.84	65.85 -4.79 -1.17	54.99 -3.61 -3.05	53.85 -3.88 -2.36	53.35 -3.98 -2.01	53.68 -3.98 -2.34	54.63 -3.88 -3.08	63.93 -3.94 -4.27	64.89 -3.98 -2.50	80.74 -6.17 -3.48	78.18 -5.84 -2.89	66.53 -5.28 -2.37	57.40 -5.06 -2.93	53.06 -4.48 -2.27	73.82 -5.40 -0.91	78.70 -5.38 0.00
SITHE___INDEPEND 23800	53.91 -1.95 -0.25	53.42 -2.05 -0.04	53.16 -2.16 0.00	52.95 -2.21 0.00	53.22 -2.16 0.00	54.86 -1.99 0.00	74.59 -2.71 0.00	76.45 -2.93 -0.25	73.41 -2.88 -0.43	67.44 -2.64 -0.60	55.02 -2.11 -1.58	54.43 -2.16 -1.22	54.15 -2.21 -1.04	54.32 -2.21 -1.21	54.86 -2.16 -1.59	63.46 -2.35 -2.21	66.02 -2.52 -2.18	83.97 -3.17 -3.71	81.32 -3.08 -3.28	69.41 -2.71 -2.68	60.43 -2.44 -3.34	55.69 -2.27 -2.68	76.48 -2.90 -1.06	80.97 -3.11 0.00
SITHE___MASSENA 23902	56.85 -1.11 -2.35	57.01 -0.78 -2.36	56.95 -0.72 -2.35	56.95 -0.55 -2.35	56.84 -0.89 -2.35	57.71 -1.53 -2.38	78.75 -1.70 -3.16	80.86 -1.51 -3.24	77.46 -1.52 -3.11	70.86 -1.39 -2.77	56.85 -1.00 -2.29	56.84 -0.83 -2.29	56.67 -0.72 -2.07	56.62 -0.77 -2.07	54.49 -0.94 0.00	62.35 -1.34 -0.07	65.18 -1.19 0.00	81.93 -1.50 0.00	79.83 -1.30 0.00	68.54 -0.90 0.00	59.00 -0.54 0.00	54.72 -0.55 0.00	77.14 -1.17 0.00	82.82 -1.26 0.00
SITHE___OGDNSBRG 24021	62.16 -0.50 -7.05	62.33 -0.17 -7.07	62.32 -0.06 -7.05	62.37 0.17 -7.05	62.14 -0.28 -7.04	62.97 -1.02 -7.14	86.14 -0.62 -9.46	88.52 -0.32 -9.71	84.74 -0.46 -9.33	77.30 -0.49 -8.31	62.15 -0.28 -6.87	62.13 -0.11 -6.87	61.46 -0.06 -6.19	61.47 -0.06 -6.20	55.10 -0.33 0.00	63.26 -0.57 -0.22	66.04 -0.33 0.00	83.01 -0.42 0.00	80.97 -0.16 0.00	69.44 0.00 0.00	59.77 0.24 0.00	55.38 0.11 0.00	77.92 -0.39 0.00	83.75 -0.34 0.00
SITHE___STERLING 23777	57.40 1.55 -0.23	56.90 1.44 -0.03	56.81 1.49 0.00	56.58 1.43 0.00	56.92 1.55 0.00	58.84 1.99 0.00	80.54 3.25 0.00	82.76 3.40 -0.23	79.30 3.04 -0.40	72.81 2.78 -0.55	58.94 1.94 -1.44	58.31 1.82 -1.11	57.99 1.72 -0.95	58.20 1.77 -1.11	58.71 1.83 -1.46	68.11 2.48 -2.02	70.96 2.52 -2.07	90.22 3.25 -3.54	87.34 3.08 -3.12	74.56 2.57 -2.55	64.80 2.08 -3.18	59.45 1.66 -2.53	81.66 2.35 -1.00	86.52 2.44 0.00
SLEIGHT__34_KV_TB1 80719	54.86 -1.22 -0.48	54.06 -1.44 -0.07	53.27 -2.05 0.00	53.06 -2.10 0.00	53.60 -1.77 0.00	55.60 -1.25 0.00	75.60 -1.70 0.00	77.15 -2.45 -0.48	73.97 -2.73 -0.84	68.14 -2.50 -1.17	56.73 -1.89 -3.06	55.69 -2.05 -2.36	55.18 -2.16 -2.02	55.51 -2.00 -2.35	56.53 -2.00 -3.09	65.86 -2.04 -4.28	67.63 -2.12 -3.38	85.54 -3.00 -5.11	82.65 -2.84 -4.36	70.36 -2.64 -3.56	61.29 -2.68 -4.43	56.32 -2.54 -3.59	76.92 -2.82 -1.43	80.72 -3.36 0.00
SOUTH CAIRO___GT 23612	63.90 3.50 -4.78	59.57 3.44 -0.71	59.19 3.87 0.00	58.74 3.58 0.00	59.14 3.77 0.00	61.18 4.32 0.00	83.33 6.03 0.00	89.20 5.38 -4.69	89.17 5.08 -8.23	84.69 3.75 -11.46	88.25 2.67 -30.03	81.07 2.49 -23.20	77.59 2.49 -19.78	80.92 2.54 -23.06	88.59 2.83 -30.34	109.04 3.43 -42.00	116.18 5.18 -44.63	162.27 5.67 -73.16	150.71 5.76 -63.82	125.96 4.37 -52.15	128.32 3.69 -65.09	110.17 3.26 -51.64	103.47 4.70 -20.46	89.89 5.80 0.00
SOUTH HAMPTN___IC 23720	93.56 8.96 -29.00	77.97 8.87 -13.67	74.56 8.96 -10.27	73.14 8.71 -9.28	77.81 8.97 -13.46	77.51 9.44 -11.21	110.84 12.45 -21.10	131.66 12.98 -39.55	113.41 12.67 -24.88	90.74 11.25 -10.01	88.12 8.17 -24.39	81.64 7.42 -18.84	78.91 7.52 -16.07	81.85 7.80 -18.73	87.00 6.93 -24.64	109.47 8.90 -36.95	134.50 9.62 -58.51	160.06 12.18 -64.45	144.88 11.93 -51.81	134.07 10.07 -54.57	128.10 8.69 -59.87	120.45 7.85 -57.34	113.23 11.28 -23.64	106.11 11.68 -10.35
SOUTHDOW_115KV_TB1 355954	53.53 -2.78 -0.70	52.04 -3.49 -0.10	53.05 -2.27 0.00	53.33 -1.82 0.00	54.99 -0.39 0.00	57.82 0.97 0.00	78.38 1.08 0.00	77.26 -2.45 -0.58	74.22 -2.66 -1.01	68.39 -2.50 -1.41	57.52 -1.72 -3.68	55.90 -2.33 -2.85	54.93 -2.82 -2.43	55.05 -3.10 -2.83	55.99 -3.16 -3.72	65.97 -2.80 -5.16	64.30 -4.38 -2.31	81.19 -5.17 -2.93	78.22 -5.27 -2.37	66.73 -4.65 -1.94	58.05 -3.87 -2.39	53.28 -3.87 -1.88	73.05 -6.03 -0.77	81.56 -2.52 0.00
SOUTHOLD_69_KV_BK 2 55809	94.45 9.84 -29.00	78.86 9.76 -13.67	75.39 9.79 -10.27	74.03 9.60 -9.28	78.69 9.86 -13.46	78.30 10.23 -11.21	111.84 13.45 -21.10	132.92 14.24 -39.54	114.40 13.66 -24.88	91.64 12.16 -10.00	88.43 8.50 -24.38	82.02 7.81 -18.83	79.06 7.69 -16.05	82.00 7.97 -18.72	87.65 7.59 -24.63	110.59 10.05 -36.93	135.73 10.82 -58.54	161.45 13.52 -64.50	145.81 12.82 -51.86	135.36 11.32 -54.61	129.28 9.82 -59.92	121.62 9.01 -57.34	114.64 12.69 -23.64	107.71 13.29 -10.35
SOUTHOLD___IC 23719	94.45 9.84 -29.00	78.86 9.76 -13.67	75.44 9.85 -10.27	74.03 9.60 -9.28	78.69 9.86 -13.46	78.42 10.35 -11.21	112.23 13.83 -21.10	133.08 14.40 -39.55	114.70 13.96 -24.88	91.85 12.37 -10.01	89.11 9.16 -24.39	82.58 8.36 -18.84	79.85 8.46 -16.07	82.79 8.74 -18.73	88.06 7.98 -24.64	110.74 10.18 -36.95	135.90 11.02 -58.51	161.99 14.10 -64.45	146.74 13.79 -51.81	135.60 11.60 -54.57	129.35 9.94 -59.87	121.56 8.95 -57.34	114.64 12.69 -23.64	107.71 13.28 -10.35
SOUTH_FORK_WT_PWR 323839	94.56 9.95 -29.00	78.97 9.87 -13.67	75.55 9.95 -10.27	74.14 9.71 -9.28	78.80 9.96 -13.46	78.53 10.46 -11.21	112.39 14.00 -21.10	133.16 14.48 -39.55	114.85 14.11 -24.88	91.92 12.43 -10.01	89.17 9.22 -24.39	82.63 8.41 -18.84	79.90 8.52 -16.07	82.90 8.85 -18.73	88.11 8.03 -24.64	110.86 10.30 -36.95	136.03 11.15 -58.51	162.07 14.18 -64.45	146.91 13.96 -51.81	135.75 11.74 -54.57	129.41 10.00 -59.87	121.67 9.06 -57.34	114.80 12.84 -23.64	107.88 13.45 -10.35
SPIERFLS_115KV_TB 1 80737	63.80 2.95 -5.25	59.14 2.94 -0.77	57.92 2.60 0.00	57.58 2.43 0.00	57.98 2.60 0.00	59.87 3.01 0.00	81.63 4.33 0.00	88.70 4.43 -5.14	89.21 4.32 -9.02	85.87 3.82 -12.57	91.27 2.78 -32.94	83.48 2.66 -25.45	79.61 2.60 -21.69	83.32 2.71 -25.29	91.47 2.77 -33.27	113.04 3.37 -46.06	115.79 3.78 -45.64	167.51 5.01 -79.07	156.16 5.03 -69.99	130.80 4.17 -57.20	134.50 3.57 -71.39	115.01 3.10 -56.64	105.14 4.39 -22.44	88.62 4.54 0.00
ST LAWRENCE____ 23600	54.22 -1.39 0.00	54.26 -1.17 0.00	54.21 -1.11 0.00	54.27 -0.88 0.00	54.21 -1.17 0.00	55.15 -1.70 0.00	75.29 -2.01 0.00	77.23 -1.90 0.00	73.97 -1.89 0.00	67.74 -1.73 0.00	54.22 -1.33 0.00	54.21 -1.17 0.00	54.21 -1.11 0.00	54.21 -1.11 0.00	54.21 -1.22 0.00	61.96 -1.65 0.00	64.78 -1.59 0.00	81.52 -1.92 0.00	79.27 -1.86 0.00	68.05 -1.39 0.00	58.52 -1.01 0.00	54.38 -0.89 0.00	76.66 -1.65 0.00	82.40 -1.68 0.00
STATE_CA_115KV_115_LB 55624	63.25 2.50 -5.14	58.68 2.49 -0.76	57.75 2.43 0.00	57.47 2.32 0.00	57.81 2.44 0.00	59.53 2.67 0.00	80.62 3.32 0.00	87.57 3.40 -5.03	88.03 3.34 -8.83	84.84 3.06 -12.30	90.30 2.50 -32.24	82.78 2.49 -24.91	78.99 2.43 -21.23	82.51 2.43 -24.76	90.50 2.49 -32.57	111.18 2.48 -45.09	113.34 2.46 -44.52	163.87 3.09 -77.35	152.65 3.00 -68.52	128.00 2.57 -55.99	131.56 2.14 -69.88	112.65 1.93 -55.45	103.33 3.05 -21.97	87.78 3.70 0.00

STATE_ST_34_KV_LOAD 55959	56.02 -0.11 -0.52	55.23 -0.28 -0.08	54.99 -0.33 0.00	54.66 -0.50 0.00	54.99 -0.39 0.00	56.97 0.11 0.00	77.76 0.46 0.00	79.87 0.24 -0.51	76.75 0.00 -0.89	70.72 0.00 -1.24	58.75 -0.06 -3.25	57.67 -0.22 -2.51	57.24 -0.22 -2.14	57.54 -0.28 -2.50	58.55 -0.17 -3.28	68.22 0.06 -4.55	72.67 0.07 -6.24	93.55 0.17 -9.95	89.82 0.08 -8.61	76.40 -0.07 -7.03	68.09 -0.24 -8.79	62.06 -0.39 -7.17	80.83 -0.31 -2.84	83.75 -0.34 0.00
STATION_5_MISC_HYD 23604	54.48 -1.61 -0.49	53.62 -1.88 -0.07	52.50 -2.82 0.00	52.45 -2.70 0.00	53.10 -2.27 0.00	55.09 -1.76 0.00	74.44 -2.86 0.00	75.42 -4.20 -0.48	72.39 -4.32 -0.85	66.63 -4.03 -1.18	55.60 -3.06 -3.10	54.56 -3.21 -2.39	54.04 -3.32 -2.04	54.38 -3.32 -2.38	55.34 -3.22 -3.13	64.57 -3.37 -4.34	65.50 -3.38 -2.51	82.03 -5.00 -3.60	79.45 -4.71 -3.03	67.61 -4.31 -2.48	58.43 -4.17 -3.07	54.06 -3.59 -2.38	75.11 -4.15 -0.95	79.12 -4.96 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	55.27 -0.83 -0.49	54.45 -1.05 -0.07	53.72 -1.60 0.00	53.61 -1.54 0.00	54.21 -1.16 0.00	56.23 -0.63 0.00	76.37 -0.93 0.00	77.80 -1.82 -0.49	74.59 -2.12 -0.85	68.65 -2.01 -1.19	57.12 -1.56 -3.12	56.12 -1.66 -2.41	55.61 -1.77 -2.06	55.89 -1.83 -2.40	56.97 -1.61 -3.15	66.45 -1.53 -4.37	67.30 -1.59 -2.52	84.88 -2.17 -3.62	82.14 -2.03 -3.04	69.98 -1.94 -2.48	60.53 -2.08 -3.08	55.71 -2.05 -2.49	77.20 -2.11 -1.00	81.56 -2.52 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	54.26 -1.84 -0.48	53.45 -2.05 -0.07	52.33 -2.99 0.00	52.28 -2.87 0.00	52.94 -2.44 0.00	54.86 -1.99 0.00	74.20 -3.09 0.00	75.26 -4.35 -0.48	72.23 -4.48 -0.85	66.56 -4.10 -1.18	55.54 -3.11 -3.09	54.44 -3.32 -2.39	53.98 -3.37 -2.04	54.32 -3.37 -2.37	55.34 -3.21 -3.12	64.50 -3.43 -4.33	65.24 -3.58 -2.46	81.94 -5.01 -3.51	79.37 -4.71 -2.95	67.54 -4.31 -2.41	58.36 -4.17 -2.99	53.81 -3.87 -2.41	74.97 -4.31 -0.97	79.04 -5.05 0.00
STA_56___34_KV_BUS2 355983	54.26 -1.84 -0.48	53.45 -2.05 -0.07	52.33 -2.99 0.00	52.28 -2.87 0.00	52.94 -2.44 0.00	54.86 -1.99 0.00	74.20 -3.09 0.00	75.26 -4.35 -0.48	72.23 -4.48 -0.85	66.56 -4.10 -1.18	55.54 -3.11 -3.09	54.44 -3.32 -2.39	53.98 -3.37 -2.04	54.32 -3.37 -2.37	55.34 -3.21 -3.12	64.50 -3.43 -4.33	65.24 -3.58 -2.46	81.94 -5.01 -3.51	79.37 -4.71 -2.95	67.54 -4.31 -2.41	58.36 -4.17 -2.99	53.81 -3.87 -2.41	74.97 -4.31 -0.97	79.04 -5.05 0.00
STA_67___115KV_BK2 355882	54.37 -1.72 -0.48	53.51 -2.00 -0.07	52.44 -2.88 0.00	52.39 -2.76 0.00	52.99 -2.38 0.00	54.98 -1.88 0.00	74.28 -3.01 0.00	75.19 -4.43 -0.49	72.17 -4.55 -0.86	66.50 -4.17 -1.19	55.51 -3.17 -3.12	54.41 -3.38 -2.41	53.95 -3.43 -2.06	54.29 -3.43 -2.40	55.31 -3.27 -3.15	64.48 -3.50 -4.37	65.16 -3.65 -2.44	81.66 -5.26 -3.48	79.18 -4.87 -2.92	67.38 -4.44 -2.39	58.15 -4.35 -2.96	53.73 -3.92 -2.38	74.88 -4.39 -0.96	79.04 -5.05 0.00
STA_7___115KV_9TRANS 80674	54.70 -1.39 -0.49	53.84 -1.66 -0.07	52.78 -2.54 0.00	52.67 -2.48 0.00	53.38 -1.99 0.00	55.38 -1.48 0.00	74.82 -2.47 0.00	75.82 -3.80 -0.49	72.77 -3.94 -0.86	66.99 -3.68 -1.19	55.96 -2.72 -3.12	54.85 -2.93 -2.41	54.39 -2.99 -2.06	54.68 -3.04 -2.40	55.76 -2.83 -3.16	65.06 -2.93 -4.37	65.76 -3.05 -2.44	82.40 -4.51 -3.48	79.91 -4.14 -2.92	68.08 -3.75 -2.39	58.68 -3.81 -2.96	54.17 -3.48 -2.38	75.43 -3.84 -0.95	79.46 -4.62 0.00
STA_82___115KV_TB1 80780	54.37 -1.72 -0.49	53.56 -1.94 -0.07	52.44 -2.88 0.00	52.39 -2.76 0.00	52.99 -2.38 0.00	55.04 -1.82 0.00	74.28 -3.01 0.00	75.27 -4.35 -0.49	72.17 -4.55 -0.86	66.50 -4.17 -1.19	55.51 -3.17 -3.12	54.41 -3.38 -2.41	53.95 -3.43 -2.06	54.29 -3.43 -2.40	55.31 -3.27 -3.16	64.48 -3.50 -4.37	65.15 -3.65 -2.44	81.64 -5.26 -3.47	79.17 -4.87 -2.91	67.37 -4.44 -2.38	58.14 -4.35 -2.95	53.72 -3.92 -2.37	74.88 -4.39 -0.95	79.04 -5.05 0.00
STEEL___WIND 323596	52.70 -3.56 -0.65	51.48 -4.04 -0.10	52.11 -3.21 0.00	52.28 -2.87 0.00	53.10 -2.27 0.00	55.44 -1.42 0.00	74.52 -2.78 0.00	73.24 -6.41 -0.52	70.24 -6.52 -0.90	64.69 -6.05 -1.26	54.28 -4.55 -3.28	53.09 -4.82 -2.54	52.50 -4.98 -2.16	52.92 -4.92 -2.52	53.76 -4.99 -3.31	62.79 -5.41 -4.59	62.33 -6.50 -2.46	78.35 -8.34 -3.27	75.61 -8.19 -2.67	64.48 -7.15 -2.19	56.05 -6.19 -2.71	51.49 -5.86 -2.08	71.56 -7.60 -0.84	78.28 -5.80 0.00
STEPHTWN_115KV_BK_2 55603	63.58 2.89 -5.08	59.01 2.83 -0.75	58.14 2.82 0.00	57.80 2.65 0.00	58.20 2.82 0.00	59.92 3.07 0.00	81.32 4.02 0.00	88.15 4.04 -4.98	88.55 3.94 -8.74	85.20 3.54 -12.18	90.31 2.83 -31.92	82.80 2.77 -24.66	79.11 2.77 -21.02	82.54 2.71 -24.51	90.44 2.77 -32.24	111.11 2.86 -44.63	113.41 2.99 -44.05	163.83 3.84 -76.56	152.69 3.73 -67.82	127.99 3.12 -55.42	131.33 2.62 -69.17	112.53 2.38 -54.89	103.66 3.60 -21.75	88.37 4.29 0.00
STEUBEN_REC_LFGE 323667	53.49 -3.00 -0.88	52.18 -3.38 -0.13	52.89 -2.43 0.00	52.84 -2.32 0.00	53.60 -1.77 0.00	56.17 -0.68 0.00	76.60 -0.70 0.00	77.42 -2.53 -0.82	74.34 -2.96 -1.44	68.35 -3.13 -2.00	58.63 -2.17 -5.24	56.88 -2.55 -4.05	56.12 -2.66 -3.45	56.91 -2.43 -4.02	58.78 -1.94 -5.29	69.48 -1.46 -7.33	60.17 -1.92 4.28	72.51 -2.25 8.66	70.94 -2.27 7.92	60.90 -2.08 6.45	49.46 -1.91 8.17	46.61 -2.10 6.56	72.88 -2.90 2.53	82.40 -1.68 0.00
STILLWATER___SOLAR 323814	64.11 3.28 -5.22	59.47 3.27 -0.77	58.42 3.10 0.00	58.13 2.98 0.00	58.47 3.10 0.00	60.32 3.47 0.00	82.01 4.72 0.00	89.00 4.75 -5.12	89.55 4.71 -8.98	86.16 4.17 -12.51	91.46 3.11 -32.79	83.75 3.04 -25.33	79.90 2.99 -21.60	83.54 3.04 -25.18	91.66 3.10 -33.13	113.22 3.75 -45.85	115.93 4.05 -45.51	167.29 5.17 -78.68	155.94 5.20 -69.61	130.70 4.38 -56.88	134.22 3.69 -70.99	114.95 3.32 -56.36	105.34 4.70 -22.33	88.96 4.87 0.00
STONY___BROOK 24151	92.11 7.50 -29.00	76.53 7.43 -13.67	73.06 7.47 -10.27	71.66 7.22 -9.28	76.31 7.47 -13.46	75.92 7.85 -11.21	108.29 9.90 -21.10	129.20 10.53 -39.55	111.14 10.39 -24.88	89.01 9.52 -10.01	87.01 7.06 -24.39	80.70 6.48 -18.84	77.97 6.58 -16.07	80.85 6.80 -18.73	86.39 6.32 -24.64	108.64 8.08 -36.95	133.44 8.56 -58.51	158.56 10.68 -64.45	143.42 10.47 -51.81	132.90 8.89 -54.57	127.09 7.68 -59.87	119.57 6.96 -57.34	111.51 9.55 -23.64	104.26 9.83 -10.35
STURGEON_POOL_HYD 23609	65.16 5.56 -3.99	61.45 5.43 -0.59	60.74 5.42 0.00	60.23 5.07 0.00	60.69 5.32 0.00	62.77 5.91 0.00	85.03 7.73 0.00	91.35 8.31 -3.91	91.07 8.34 -6.86	86.12 7.09 -9.55	85.87 5.28 -25.04	79.81 5.09 -19.34	76.95 5.14 -16.49	79.63 5.09 -19.22	86.10 5.38 -25.29	105.30 6.68 -35.01	121.27 7.57 -47.33	157.73 9.68 -64.62	143.80 9.41 -53.26	120.67 7.71 -43.52	120.40 6.55 -54.32	104.27 5.91 -43.09	103.14 7.75 -17.07	91.90 7.82 0.00
ST_LAW_115_BK7_LBMP 345037	54.16 -1.45 0.00	54.21 -1.22 0.00	54.21 -1.11 0.00	54.21 -0.94 0.00	54.16 -1.22 0.00	55.03 -1.82 0.00	75.13 -2.16 0.00	77.15 -1.98 0.00	73.89 -1.97 0.00	67.67 -1.81 0.00	54.17 -1.39 0.00	54.16 -1.22 0.00	54.21 -1.11 0.00	54.16 -1.16 0.00	54.16 -1.27 0.00	61.90 -1.71 0.00	64.71 -1.66 0.00	81.43 -2.00 0.00	79.18 -1.95 0.00	67.98 -1.46 0.00	58.52 -1.01 0.00	54.33 -0.94 0.00	76.59 -1.72 0.00	82.31 -1.77 0.00

ST_LAW_115_BK8_LBMP 345038	54.16 -1.45 0.00	54.21 -1.22 0.00	54.21 -1.11 0.00	54.21 -0.94 0.00	54.16 -1.22 0.00	55.03 -1.82 0.00	75.13 -2.16 0.00	77.15 -1.98 0.00	73.89 -1.97 0.00	67.67 -1.81 0.00	54.17 -1.39 0.00	54.16 -1.22 0.00	54.21 -1.11 0.00	54.16 -1.16 0.00	54.16 -1.27 0.00	61.90 -1.71 0.00	64.71 -1.66 0.00	81.43 -2.00 0.00	79.18 -1.95 0.00	67.98 -1.46 0.00	58.52 -1.01 0.00	54.33 -0.94 0.00	76.59 -1.72 0.00	82.31 -1.77 0.00
ST_LAW_230_BK5_LBMP 345035	54.22 -1.39 0.00	54.26 -1.17 0.00	54.21 -1.11 0.00	54.27 -0.88 0.00	54.21 -1.17 0.00	55.15 -1.70 0.00	75.29 -2.01 0.00	77.23 -1.90 0.00	73.97 -1.89 0.00	67.74 -1.73 0.00	54.22 -1.33 0.00	54.21 -1.17 0.00	54.21 -1.11 0.00	54.21 -1.11 0.00	54.21 -1.22 0.00	61.96 -1.65 0.00	64.78 -1.59 0.00	81.52 -1.92 0.00	79.27 -1.86 0.00	68.05 -1.39 0.00	58.52 -1.01 0.00	54.38 -0.89 0.00	76.66 -1.65 0.00	82.40 -1.68 0.00
ST_LAW_230_BK6_LBMP 345036	54.22 -1.39 0.00	54.26 -1.17 0.00	54.21 -1.11 0.00	54.27 -0.88 0.00	54.21 -1.17 0.00	55.15 -1.70 0.00	75.29 -2.01 0.00	77.23 -1.90 0.00	73.97 -1.89 0.00	67.74 -1.73 0.00	54.22 -1.33 0.00	54.21 -1.17 0.00	54.21 -1.11 0.00	54.21 -1.11 0.00	54.21 -1.22 0.00	61.96 -1.65 0.00	64.78 -1.59 0.00	81.52 -1.92 0.00	79.27 -1.86 0.00	68.05 -1.39 0.00	58.52 -1.01 0.00	54.38 -0.89 0.00	76.66 -1.65 0.00	82.40 -1.68 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	62.96 3.73 -3.63	59.62 3.66 -0.54	58.97 3.65 0.00	58.57 3.42 0.00	58.97 3.60 0.00	60.78 3.92 0.00	82.24 4.95 0.00	88.06 5.38 -3.55	87.55 5.46 -6.23	83.02 4.86 -8.68	82.07 3.78 -22.74	76.60 3.65 -17.57	73.95 3.65 -14.98	76.43 3.65 -17.46	82.12 3.71 -22.97	99.99 4.58 -31.80	117.73 4.91 -46.45	149.61 6.26 -59.93	135.44 5.92 -48.39	113.98 5.00 -39.54	113.23 4.35 -49.35	98.34 3.92 -39.14	98.99 5.17 -15.51	89.38 5.30 0.00
SWANROAD_115KV_TB1 355699	51.82 -4.39 -0.60	50.70 -4.82 -0.09	50.23 -5.09 0.00	50.35 -4.80 0.00	51.11 -4.26 0.00	53.27 -3.58 0.00	71.27 -6.03 0.00	70.03 -9.57 -0.47	67.06 -9.63 -0.83	61.95 -8.68 -1.15	51.90 -6.67 -3.01	50.72 -6.98 -2.33	50.22 -7.08 -1.98	50.61 -7.03 -2.31	51.49 -6.98 -3.04	60.00 -7.82 -4.21	60.98 -7.83 -2.44	75.49 -11.26 -3.32	73.33 -10.55 -2.74	62.10 -9.58 -2.24	53.73 -8.57 -2.77	49.92 -7.57 -2.22	70.43 -8.77 -0.89	74.75 -9.33 0.00
SYNERGY___BIOGAS 323694	54.22 -1.95 -0.56	53.19 -2.33 -0.08	52.50 -2.82 0.00	52.56 -2.59 0.00	53.44 -1.94 0.00	55.72 -1.14 0.00	74.98 -2.32 0.00	74.78 -4.83 -0.48	71.62 -5.08 -0.84	65.85 -4.79 -1.17	54.99 -3.61 -3.05	53.85 -3.88 -2.36	53.35 -3.98 -2.01	53.68 -3.98 -2.34	54.63 -3.88 -3.08	63.93 -3.94 -4.27	64.89 -6.17 -2.50	80.74 -5.84 -3.48	78.18 -5.28 -2.89	66.53 -5.06 -2.37	57.40 -5.48 -2.93	53.06 -4.48 -2.27	73.82 -5.40 -0.91	78.70 -5.38 0.00
SYRACUSE___ENERGY_ST1 323597	55.64 -0.39 -0.42	54.99 -0.50 -0.06	54.71 -0.61 0.00	54.16 -0.99 0.00	54.38 -1.00 0.00	56.23 -0.63 0.00	76.52 -0.77 0.00	78.67 -0.87 -0.41	75.52 -1.06 -0.72	69.57 -0.90 -1.00	57.45 -0.72 -2.61	56.56 -0.83 -2.02	56.16 -0.89 -1.72	56.44 -0.89 -2.01	57.29 -0.78 -2.64	66.50 -0.76 -3.65	69.54 -0.86 -4.04	88.67 -1.08 -6.33	85.45 -1.14 -5.45	72.85 -1.04 -4.45	64.08 -1.01 -5.56	58.72 -1.05 -4.49	78.84 -1.25 -1.78	82.74 -1.35 0.00
SYRACUSE___ENERGY_ST2 323598	55.64 -0.39 -0.42	54.99 -0.50 -0.06	54.71 -0.61 0.00	54.16 -0.99 0.00	54.38 -1.00 0.00	56.23 -0.63 0.00	76.52 -0.77 0.00	78.67 -0.87 -0.41	75.52 -1.06 -0.72	69.57 -0.90 -1.00	57.45 -0.72 -2.61	56.56 -0.83 -2.02	56.16 -0.89 -1.72	56.44 -0.89 -2.01	57.29 -0.78 -2.64	66.50 -0.76 -3.65	69.54 -0.86 -4.04	88.67 -1.08 -6.33	85.45 -1.14 -5.45	72.85 -1.04 -4.45	64.08 -1.01 -5.56	58.72 -1.05 -4.49	78.84 -1.25 -1.78	82.74 -1.35 0.00
SYRACUSE___POWER 24017	55.60 -0.44 -0.43	54.88 -0.61 -0.06	54.66 -0.66 0.00	54.32 -0.83 0.00	54.66 -0.72 0.00	56.46 -0.40 0.00	76.91 -0.39 0.00	79.00 -0.55 -0.43	75.93 -0.68 -0.75	69.89 -0.63 -1.04	57.78 -0.50 -2.72	56.87 -0.61 -2.10	56.45 -0.66 -1.79	56.75 -0.66 -2.09	57.63 -0.55 -2.75	66.91 -0.51 -3.81	70.94 -0.53 -5.10	90.80 -0.75 -8.12	87.43 -0.73 -7.02	74.41 -0.76 -5.74	65.93 -0.77 -7.17	60.24 -0.83 -5.80	79.74 -0.86 -2.29	83.16 -0.92 0.00
TALLMAN___138KV_BK151 55660	63.39 4.06 -3.72	59.97 3.99 -0.55	59.30 3.98 0.00	58.90 3.75 0.00	59.31 3.93 0.00	61.12 4.26 0.00	82.55 5.26 0.00	88.63 5.86 -3.65	88.18 5.92 -6.40	83.74 5.35 -8.91	83.08 4.17 -23.35	77.51 4.10 -18.04	74.79 4.09 -15.38	77.29 4.04 -17.93	83.12 4.10 -23.59	101.29 5.03 -32.66	119.75 5.38 -48.00	151.83 6.76 -61.64	137.23 6.41 -49.69	115.53 5.49 -40.60	114.92 4.70 -50.68	99.78 4.31 -40.20	99.88 5.64 -15.93	89.89 5.80 0.00
TEALLAVE_115KV_TB7 355573	55.19 -0.78 -0.36	54.60 -0.89 -0.05	54.32 -1.00 0.00	54.05 -1.10 0.00	54.38 -1.00 0.00	56.17 -0.68 0.00	76.52 -0.77 0.00	78.54 -0.95 -0.35	75.42 -1.06 -0.62	69.37 -0.97 -0.87	57.05 -0.78 -2.27	56.24 -0.89 -1.75	55.93 -0.89 -1.50	56.12 -0.94 -1.74	56.89 -0.83 -2.29	65.96 -0.83 -3.18	68.60 -0.93 -3.16	87.65 -1.17 -5.39	84.67 -1.22 -4.75	72.21 -1.11 -3.88	63.25 -1.13 -4.85	58.07 -1.11 -3.91	78.61 -1.25 -1.55	82.74 -1.35 0.00
TELGRAPH_34_KV_EAST 80808	53.23 -2.95 -0.57	52.13 -3.38 -0.08	51.61 -3.71 0.00	51.73 -3.42 0.00	52.55 -2.82 0.00	54.81 -2.05 0.00	73.59 -3.71 0.00	72.96 -6.65 -0.48	69.88 -6.83 -0.84	64.33 -6.32 -1.17	53.84 -4.78 -3.06	52.70 -5.04 -2.36	52.19 -5.14 -2.02	52.53 -5.14 -2.35	53.53 -4.99 -3.09	62.42 -5.47 -4.28	63.08 -5.71 -2.42	78.33 -8.43 -3.33	76.02 -7.87 -2.75	64.54 -7.15 -2.25	55.71 -6.61 -2.78	51.60 -5.91 -2.24	72.40 -6.81 -0.90	77.02 -7.06 0.00
TEMPLE___115KV_TB 2 55572	55.25 -0.72 -0.37	54.65 -0.83 -0.05	54.38 -0.94 0.00	54.10 -1.05 0.00	54.43 -0.94 0.00	56.23 -0.63 0.00	76.60 -0.70 0.00	78.62 -0.87 -0.36	75.43 -1.06 -0.63	69.45 -0.90 -0.88	57.14 -0.72 -2.30	56.32 -0.83 -1.78	55.95 -0.89 -1.52	56.20 -0.89 -1.77	56.98 -0.78 -2.33	66.07 -0.76 -3.22	68.71 -0.86 -3.20	87.73 -1.17 -5.46	84.82 -1.14 -4.82	72.27 -1.11 -3.94	63.38 -1.07 -4.92	58.13 -1.11 -3.96	78.71 -1.17 -1.57	82.82 -1.26 0.00
TIANA____69_KV_BK 1 55817	93.39 8.79 -29.00	77.81 8.70 -13.67	74.34 8.74 -10.27	72.93 8.49 -9.28	77.58 8.75 -13.46	77.17 9.10 -11.21	110.14 11.75 -21.10	131.18 12.50 -39.54	112.80 12.06 -24.88	90.25 10.77 -10.00	87.27 7.33 -24.38	80.91 6.70 -18.83	77.96 6.58 -16.05	80.84 6.80 -18.72	86.37 6.32 -24.63	109.00 8.46 -36.93	134.00 9.09 -58.54	159.11 11.18 -64.50	143.62 10.63 -51.86	133.56 9.51 -54.61	127.73 8.28 -59.92	120.23 7.63 -57.34	112.92 10.96 -23.64	105.78 11.35 -10.35
TILDEN___115KV_TB1 80814	55.60 -0.44 -0.43	54.88 -0.61 -0.06	54.66 -0.66 0.00	54.32 -0.83 0.00	54.66 -0.72 0.00	56.46 -0.40 0.00	76.91 -0.39 0.00	79.00 -0.55 -0.43	75.93 -0.68 -0.75	69.89 -0.63 -1.04	57.78 -0.50 -2.72	56.87 -0.61 -2.10	56.45 -0.66 -1.79	56.75 -0.66 -2.09	57.63 -0.55 -2.75	66.91 -0.51 -3.81	70.94 -0.53 -5.10	90.80 -0.75 -8.12	87.43 -0.73 -7.02	74.41 -0.76 -5.74	65.93 -0.77 -7.17	60.24 -0.83 -5.80	79.74 -0.86 -2.29	83.16 -0.92 0.00

TRIGEN___CC 323695	89.94 5.34 -28.99	74.36 5.27 -13.67	70.85 5.26 -10.27	69.45 5.02 -9.28	74.04 5.21 -13.45	73.58 5.51 -11.21	105.20 6.80 -21.10	126.11 7.44 -39.54	108.24 7.51 -24.87	86.36 6.88 -10.00	84.99 5.06 -24.38	79.02 4.82 -18.83	76.19 4.81 -16.05	78.96 4.92 -18.72	85.04 4.99 -24.63	106.90 6.36 -36.93	131.55 6.64 -58.54	156.03 8.09 -64.50	140.62 7.63 -51.86	130.92 6.87 -54.61	125.35 5.89 -59.92	118.02 5.42 -57.34	109.24 7.28 -23.64	102.00 7.57 -10.35
TRINITY___115KV___4 BK 55933	63.04 2.34 -5.09	58.51 2.33 -0.75	57.64 2.32 0.00	57.30 2.15 0.00	57.65 2.27 0.00	59.36 2.50 0.00	80.39 3.09 0.00	87.21 3.09 -4.99	87.74 3.11 -8.76	84.53 2.85 -12.21	89.88 2.33 -31.99	82.41 2.33 -24.71	78.66 2.27 -21.07	82.15 2.27 -24.56	90.07 2.33 -32.31	110.57 2.23 -44.73	112.73 2.26 -44.10	162.90 2.75 -76.71	151.87 2.76 -67.97	127.28 2.29 -55.55	130.83 1.96 -69.33	112.05 1.77 -55.01	102.93 2.82 -21.79	87.53 3.45 0.00
UNION___PROCESSING_DRP 323587	54.37 -1.72 -0.49	53.56 -1.94 -0.07	52.44 -2.88 0.00	52.39 -2.76 0.00	53.05 -2.33 0.00	55.04 -1.82 0.00	74.28 -3.01 0.00	75.26 -4.35 -0.49	72.17 -4.55 -0.85	66.50 -4.17 -1.19	55.51 -3.17 -3.12	54.46 -3.32 -2.41	53.95 -3.43 -2.05	54.29 -3.43 -2.40	55.31 -3.27 -3.15	64.48 -3.50 -4.37	65.16 -3.65 -2.44	81.73 -5.17 -3.47	79.26 -4.79 -2.91	67.38 -4.44 -2.38	58.20 -4.29 -2.95	53.72 -3.92 -2.38	74.96 -4.31 -0.95	79.04 -5.05 0.00
UPPER HUDSON___HYD 24058	63.80 2.95 -5.25	59.14 2.94 -0.77	57.92 2.60 0.00	57.58 2.42 0.00	57.98 2.60 0.00	59.87 3.01 0.00	81.62 4.33 0.00	88.70 4.43 -5.14	89.21 4.32 -9.03	85.87 3.82 -12.57	91.29 2.78 -32.95	83.49 2.66 -25.46	79.62 2.60 -21.70	83.33 2.71 -25.30	91.44 2.72 -33.29	113.06 3.37 -46.08	115.76 3.78 -45.61	167.46 5.01 -79.03	156.12 5.03 -69.95	130.77 4.17 -57.16	134.45 3.57 -71.34	115.00 3.09 -56.64	105.14 4.38 -22.44	88.62 4.54 0.00
UPPER RAQUET___HYD 24056	64.02 -1.61 -10.03	64.27 -1.22 -10.06	64.20 -1.16 -10.04	64.20 -0.99 -10.04	63.84 -1.55 -10.02	64.57 -2.44 -10.16	87.90 -2.86 -13.46	90.41 -2.54 -13.81	86.64 -2.50 -13.28	79.22 -2.08 -11.83	63.95 -1.39 -9.78	63.88 -1.27 -9.78	62.97 -1.16 -8.81	62.93 -1.22 -8.82	53.82 -1.61 0.00	61.77 -2.16 -0.32	64.24 -2.13 0.00	80.76 -2.67 0.00	78.78 -2.36 0.00	67.63 -1.81 0.00	58.23 -1.31 0.00	54.05 -1.22 0.00	76.28 -2.04 0.00	82.15 -1.93 0.00
VALLEY44_115KV_TB2 355964	51.44 -4.89 -0.72	50.22 -5.32 -0.11	53.55 -1.77 0.00	53.66 -1.49 0.00	54.49 -0.89 0.00	56.80 -0.06 0.00	76.76 -0.54 0.00	74.83 -4.91 -0.61	72.14 -4.78 -1.06	66.30 -4.66 -1.48	55.75 -3.67 -3.86	54.59 -3.77 -2.98	53.99 -3.87 -2.54	54.47 -3.82 -2.96	55.67 -3.66 -3.90	65.00 -4.01 -5.40	62.84 -5.97 -2.44	79.79 -6.76 -3.11	76.59 -7.06 -2.52	65.88 -5.62 -2.06	57.97 -4.11 -2.54	52.82 -4.48 -2.03	71.62 -7.52 -0.83	81.23 -2.86 0.00
VALLEY___115KV_TB 1-4 80826	56.33 0.72 0.00	56.10 0.67 0.00	55.98 0.66 0.00	55.81 0.66 0.00	56.15 0.78 0.00	57.82 0.97 0.00	78.77 1.47 0.00	80.71 1.58 0.00	77.53 1.67 0.00	71.15 1.67 0.00	56.78 1.22 0.00	56.54 1.16 0.00	56.26 0.94 0.00	56.21 0.89 0.00	56.32 0.89 0.00	64.82 1.21 0.00	67.70 1.33 0.00	85.27 1.84 0.00	83.16 2.03 0.00	71.25 1.81 0.00	61.02 1.49 0.00	56.65 1.38 0.00	80.35 2.04 0.00	86.27 2.19 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	61.21 3.84 -1.76	59.35 3.66 -0.26	59.14 3.82 0.00	58.85 3.70 0.00	59.25 3.88 0.00	61.12 4.26 0.00	83.71 6.42 0.00	87.49 6.65 -1.71	85.09 6.22 -3.01	79.23 5.56 -4.19	70.71 4.17 -10.99	67.74 3.88 -8.49	66.26 3.71 -7.24	67.57 3.82 -8.44	70.46 3.94 -11.10	83.93 4.96 -15.36	89.87 4.98 -18.52	119.01 6.51 -29.07	112.58 6.41 -25.04	95.39 5.49 -20.46	89.79 4.70 -25.55	79.21 4.09 -19.85	91.89 5.72 -7.86	90.22 6.14 0.00
VISCHER___FERRY HYD 24020	63.81 3.06 -5.15	59.24 3.05 -0.76	58.31 2.99 0.00	58.02 2.87 0.00	58.36 2.99 0.00	60.15 3.30 0.00	81.62 4.33 0.00	88.60 4.43 -5.05	89.04 4.32 -8.85	85.77 3.96 -12.33	90.87 3.00 -32.32	83.33 2.99 -24.97	79.59 2.99 -21.29	83.07 2.93 -24.82	91.07 2.99 -32.65	112.24 3.43 -45.20	115.18 3.65 -45.16	165.67 4.59 -77.66	154.28 4.54 -68.61	129.39 3.89 -56.06	132.78 3.27 -69.97	113.75 2.93 -55.55	104.55 4.23 -22.01	88.62 4.54 0.00
V_A_10_SYNC_DSASP 323832	53.14 -3.00 -0.54	52.19 -3.32 -0.08	50.89 -4.43 0.00	50.96 -4.19 0.00	51.67 -3.71 0.00	53.73 -3.13 0.00	72.19 -5.10 0.00	72.20 -7.52 -0.59	69.31 -7.59 -1.03	64.03 -6.88 -1.43	54.09 -5.22 -3.76	52.74 -5.54 -2.90	52.15 -5.64 -2.48	52.56 -5.64 -2.89	53.57 -5.65 -3.80	62.77 -6.11 -5.27	62.69 -6.24 -2.56	78.02 -9.01 -3.61	75.54 -8.60 -3.01	64.13 -7.78 -2.46	55.44 -7.15 -3.05	51.54 -6.08 -2.35	71.98 -7.28 -0.94	76.09 -7.99 0.00
V_CMM_10_SYNC_DSASP 323787	54.39 -1.22 0.00	54.49 -0.94 0.00	54.43 -0.89 0.00	54.49 -0.66 0.00	54.38 -1.00 0.00	55.32 -1.53 0.00	75.52 -1.77 0.00	77.55 -1.58 0.00	74.27 -1.60 0.00	67.95 -1.53 0.00	54.44 -1.11 0.00	54.43 -0.94 0.00	54.43 -0.89 0.00	54.43 -0.89 0.00	54.43 -1.00 0.00	62.21 -1.40 0.00	65.11 -1.26 0.00	81.84 -1.59 0.00	79.67 -1.46 0.00	68.33 -1.11 0.00	58.82 -0.71 0.00	54.61 -0.66 0.00	76.98 -1.33 0.00	82.74 -1.35 0.00
V_CMP_10_SYNC_DSASP 323788	-7.40 -2.56 60.45	-7.35 -2.16 60.62	-7.35 -2.16 60.51	-7.34 -1.98 60.51	-7.40 -2.38 60.40	-7.35 -2.96 61.25	-7.30 -3.48 81.12	-7.31 -3.17 83.27	-7.37 -3.18 80.05	-4.74 -2.92 71.30	-5.61 -2.22 58.94	-5.61 -2.05 58.93	0.26 -1.94 53.13	0.19 -1.94 53.19	53.27 -2.16 0.00	58.89 -2.80 1.93	63.78 -2.59 0.00	80.35 -3.09 0.00	78.37 -2.76 0.00	67.57 -1.87 0.00	58.82 -0.71 0.00	54.83 -0.44 0.00	76.28 -2.04 0.00	82.23 -1.85 0.00
V_D_10_SYNC_DSASP 323841	56.74 -1.11 -2.24	56.90 -0.78 -2.25	56.84 -0.72 -2.24	56.84 -0.55 -2.24	56.73 -0.89 -2.24	57.65 -1.48 -2.27	78.68 -1.63 -3.01	80.71 -1.51 -3.09	77.31 -1.52 -2.97	70.73 -1.39 -2.64	56.74 -1.00 -2.18	56.73 -0.83 -2.18	56.57 -0.72 -1.97	56.52 -0.77 -1.97	54.49 -0.94 0.00	62.34 -1.34 -0.07	65.18 -1.19 0.00	81.93 -1.50 0.00	79.83 -1.30 0.00	68.54 -0.90 0.00	59.00 -0.54 0.00	54.72 -0.55 0.00	77.14 -1.17 0.00	82.82 -1.26 0.00
V_E_10_SYNC_DSASP 323830	61.32 4.45 -1.26	59.83 4.21 -0.19	59.80 4.48 0.00	59.57 4.41 0.00	60.08 4.70 0.00	62.37 5.51 0.00	86.41 9.12 0.00	95.05 14.40 -1.51	91.57 13.05 -2.65	85.19 12.02 -3.69	74.12 8.89 -9.68	70.83 7.98 -7.48	68.94 7.25 -6.37	70.44 7.69 -7.43	73.30 8.09 -9.78	87.70 10.56 -13.53	91.91 7.03 -18.51	123.04 9.76 -29.85	116.60 9.57 -25.90	98.72 8.12 -21.16	92.84 6.84 -26.46	81.99 5.58 -21.14	93.94 7.28 -8.35	91.99 7.90 0.00
V_F_30_NSYNC___DSASP 323816	64.12 3.28 -5.23	59.47 3.27 -0.77	58.42 3.10 0.00	58.13 2.98 0.00	58.47 3.10 0.00	60.32 3.47 0.00	82.01 4.72 0.00	89.01 4.75 -5.13	89.57 4.71 -9.00	86.19 4.17 -12.54	91.53 3.11 -32.86	83.81 3.04 -25.39	80.00 3.04 -21.64	83.59 3.04 -25.23	91.73 3.10 -33.20	113.32 3.75 -45.96	115.98 4.05 -45.56	167.53 5.26 -78.83	156.09 5.20 -69.76	130.82 4.38 -57.01	134.38 3.69 -71.15	115.07 3.32 -56.49	105.47 4.78 -22.38	89.04 4.96 0.00



V_F_30_SYNC_DSASP 323786	63.24 2.50 -5.13	58.68 2.49 -0.76	57.75 2.43 0.00	57.47 2.32 0.00	57.81 2.44 0.00	59.53 2.67 0.00	80.62 3.32 0.00	87.56 3.40 -5.03	88.03 3.34 -8.83	84.83 3.06 -12.30	90.28 2.50 -32.22	82.76 2.49 -24.89	78.98 2.43 -21.22	82.50 2.43 -24.74	90.48 2.49 -32.55	111.15 2.48 -45.06	113.31 2.46 -44.48	163.81 3.09 -77.30	152.61 3.00 -68.47	127.89 2.50 -55.95	131.51 2.14 -69.84	112.62 1.93 -55.41	103.32 3.05 -21.95	87.78 3.70 0.00
V_XM_10_SYNC_DSASP 323789	-7.40 -2.56 60.45	-7.35 -2.16 60.62	-7.35 -2.16 60.51	-7.34 -1.98 60.51	-7.40 -2.38 60.40	-7.35 -2.96 61.25	-7.30 -3.48 81.12	-7.31 -3.17 83.27	-7.37 -3.18 80.05	-4.74 -2.92 71.30	-5.61 -2.22 58.94	-5.61 -2.05 58.93	0.26 -1.94 53.13	0.19 -1.94 53.19	53.27 -2.16 0.00	58.89 -2.80 1.93	63.78 -2.59 0.00	80.35 -3.09 0.00	78.37 -2.76 0.00	67.57 -1.87 0.00	58.82 -0.71 0.00	54.83 -0.44 0.00	76.28 -2.04 0.00	82.23 -1.85 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	63.64 4.28 -3.74	60.14 4.16 -0.55	59.47 4.15 0.00	59.07 3.92 0.00	59.47 4.10 0.00	61.29 4.43 0.00	82.86 5.57 0.00	88.89 6.09 -3.67	88.52 6.22 -6.44	84.07 5.63 -8.96	83.38 4.33 -23.49	77.79 4.26 -18.15	75.05 4.26 -15.47	77.56 4.20 -18.04	83.49 4.32 -23.73	101.68 5.22 -32.85	120.36 5.64 -48.35	152.56 7.09 -62.03	137.85 6.73 -49.98	116.05 5.76 -40.84	115.46 4.94 -50.98	100.18 4.48 -40.43	100.21 5.87 -16.02	90.14 6.05 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	64.33 4.84 -3.88	60.77 4.77 -0.57	60.08 4.76 0.00	59.67 4.52 0.00	60.03 4.65 0.00	61.86 5.00 0.00	83.33 6.03 0.00	89.66 6.73 -3.80	89.37 6.83 -6.68	85.10 6.32 -9.30	84.87 4.94 -24.37	79.07 4.87 -18.83	76.24 4.87 -16.05	78.84 4.81 -18.71	84.93 4.88 -24.62	103.60 5.92 -34.08	123.16 6.24 -50.55	155.76 7.84 -64.48	140.36 7.38 -51.84	118.12 6.32 -42.36	117.89 5.48 -52.87	102.24 5.03 -41.94	101.51 6.58 -16.62	90.81 6.73 0.00
W50THST__13_KV_LOAD 356117	64.50 5.00 -3.88	60.94 4.93 -0.57	60.24 4.92 0.00	59.84 4.69 0.00	60.25 4.87 0.00	62.09 5.23 0.00	83.71 6.42 0.00	89.98 7.04 -3.80	89.75 7.21 -6.68	85.45 6.67 -9.30	85.15 5.22 -24.37	79.35 5.15 -18.83	76.51 5.14 -16.05	79.12 5.09 -18.71	85.20 5.15 -24.62	103.92 6.23 -34.08	123.49 6.57 -50.55	156.09 8.18 -64.48	140.68 7.71 -51.84	118.47 6.67 -42.36	118.13 5.72 -52.87	102.46 5.25 -41.94	101.82 6.89 -16.62	91.15 7.06 0.00
WADING RIVER_IC_1 23522	93.06 8.45 -29.00	77.42 8.31 -13.67	74.00 8.41 -10.27	72.59 8.16 -9.28	77.25 8.41 -13.46	76.93 8.87 -11.21	109.98 11.59 -21.10	130.78 12.11 -39.55	112.57 11.83 -24.88	90.04 10.56 -10.01	87.50 7.55 -24.39	80.97 6.75 -18.84	78.30 6.91 -16.07	81.19 7.14 -18.73	86.06 5.99 -24.64	108.32 7.76 -36.95	133.31 8.43 -58.51	158.48 10.60 -64.45	143.33 10.39 -51.81	132.83 8.82 -54.57	126.97 7.56 -59.87	119.46 6.85 -57.34	112.29 10.34 -23.64	105.11 10.68 -10.35
WADING RIVER_IC_2 23547	93.06 8.45 -29.00	77.42 8.31 -13.67	74.00 8.41 -10.27	72.59 8.16 -9.28	77.25 8.41 -13.46	76.93 8.87 -11.21	109.98 11.59 -21.10	130.78 12.11 -39.55	112.57 11.83 -24.88	90.04 10.56 -10.01	87.50 7.55 -24.39	80.97 6.75 -18.84	78.30 6.91 -16.07	81.19 7.14 -18.73	86.06 5.99 -24.64	108.32 7.76 -36.95	133.31 8.43 -58.51	158.48 10.60 -64.45	143.33 10.39 -51.81	132.83 8.82 -54.57	126.97 7.56 -59.87	119.46 6.85 -57.34	112.29 10.34 -23.64	105.11 10.68 -10.35
WADING RIVER_IC_3 23601	93.06 8.45 -29.00	77.42 8.31 -13.67	74.00 8.41 -10.27	72.59 8.16 -9.28	77.25 8.41 -13.46	76.93 8.87 -11.21	109.98 11.59 -21.10	130.78 12.11 -39.55	112.57 11.83 -24.88	90.04 10.56 -10.01	87.50 7.55 -24.39	80.97 6.75 -18.84	78.30 6.91 -16.07	81.19 7.14 -18.73	86.06 5.99 -24.64	108.32 7.76 -36.95	133.31 8.43 -58.51	158.48 10.60 -64.45	143.33 10.39 -51.81	132.83 8.82 -54.57	126.97 7.56 -59.87	119.46 6.85 -57.34	112.29 10.34 -23.64	105.11 10.68 -10.35
WALDENNY_12_KV_BK2 80841	52.81 -3.45 -0.65	51.53 -3.99 -0.10	52.06 -3.26 0.00	52.17 -2.98 0.00	53.05 -2.33 0.00	55.32 -1.54 0.00	74.36 -2.94 0.00	73.16 -6.49 -0.52	70.16 -6.60 -0.90	64.68 -6.04 -1.25	54.21 -4.61 -3.27	53.03 -4.87 -2.52	52.50 -4.98 -2.15	52.91 -4.92 -2.51	53.85 -4.88 -3.30	62.77 -5.41 -4.57	62.46 -6.31 -2.40	78.25 -8.34 -3.16	75.60 -8.11 -2.58	64.33 -7.22 -2.12	55.90 -6.25 -2.62	51.56 -5.80 -2.09	71.80 -7.36 -0.85	78.11 -5.97 0.00
WALDEN__HYDRO 24148	63.70 4.34 -3.75	60.20 4.21 -0.55	59.53 4.20 0.00	59.07 3.92 0.00	59.47 4.10 0.00	61.40 4.55 0.00	83.09 5.80 0.00	89.14 6.33 -3.67	88.61 6.30 -6.45	84.02 5.56 -8.98	83.32 4.22 -23.54	77.66 4.10 -18.19	74.92 4.09 -15.50	77.49 4.09 -18.07	83.42 4.21 -23.78	101.74 5.22 -32.92	119.96 5.71 -47.88	152.65 7.26 -61.96	138.20 6.98 -50.09	116.20 5.83 -40.93	115.62 5.00 -51.08	100.32 4.53 -40.52	100.32 5.95 -16.05	90.14 6.05 0.00
WARRENSBURG____ 23737	63.80 2.95 -5.25	59.14 2.94 -0.77	57.92 2.60 0.00	57.58 2.42 0.00	57.98 2.60 0.00	59.87 3.01 0.00	81.62 4.33 0.00	88.70 4.43 -5.14	89.21 4.32 -9.03	85.87 3.82 -12.57	91.29 2.78 -32.95	83.49 2.66 -25.46	79.62 2.60 -21.70	83.33 2.71 -25.30	91.44 2.72 -33.29	113.06 3.37 -46.08	115.76 3.78 -45.61	167.46 5.01 -79.03	156.12 5.03 -69.95	130.77 4.17 -57.16	134.45 3.57 -71.34	115.00 3.09 -56.64	105.14 4.38 -22.44	88.62 4.54 0.00
WATERSIDE____6 8 9 23538	64.62 5.12 -3.89	61.11 5.10 -0.58	60.36 5.03 -0.01	59.96 4.80 -0.01	60.37 4.98 -0.01	62.14 5.29 0.00	83.40 6.11 0.00	89.66 6.73 -3.80	89.37 6.83 -6.68	85.24 6.46 -9.30	84.93 5.00 -24.37	79.19 4.98 -18.83	76.35 4.98 -16.05	78.96 4.92 -18.71	84.98 4.93 -24.62	103.61 5.92 -34.08	123.10 6.17 -50.56	155.68 7.76 -64.49	140.29 7.30 -51.85	118.27 6.46 -42.37	118.02 5.60 -52.88	102.41 5.20 -41.95	101.90 6.97 -16.62	91.23 7.15 0.00
WATKINRD_115KV_LN8_ILLION 55919	56.55 0.95 0.00	56.37 0.94 0.00	56.26 0.94 0.00	56.03 0.88 0.00	56.37 1.00 0.00	57.99 1.14 0.00	79.00 1.70 0.00	80.79 1.66 0.00	77.53 1.67 0.00	71.08 1.60 0.00	56.72 1.17 0.00	56.54 1.16 0.00	56.37 1.05 0.00	56.32 1.00 0.00	56.48 1.05 0.00	64.95 1.34 0.00	67.76 1.39 0.00	85.27 1.84 0.00	83.08 1.95 0.00	71.11 1.67 0.00	60.90 1.37 0.00	56.54 1.27 0.00	80.11 1.80 0.00	86.10 2.02 0.00
WATSON__69_KV_BK 1 55734	92.23 7.62 -29.00	76.64 7.54 -13.67	73.17 7.58 -10.27	71.77 7.34 -9.28	76.37 7.53 -13.46	75.97 7.90 -11.21	108.44 10.05 -21.10	129.44 10.76 -39.54	111.21 10.47 -24.88	89.00 9.52 -10.00	86.71 6.78 -24.38	80.52 6.31 -18.83	77.63 6.25 -16.05	80.45 6.42 -18.72	86.49 6.43 -24.63	108.93 8.40 -36.93	133.74 8.83 -58.54	158.45 10.51 -64.50	142.89 9.90 -51.86	133.14 9.10 -54.61	127.49 8.04 -59.92	119.96 7.35 -57.34	111.98 10.02 -23.64	104.77 10.34 -10.35
WDELAWARE__HYD 323627	64.16 5.01 -3.55	60.83 4.88 -0.52	60.24 4.92 0.00	59.73 4.58 0.00	60.19 4.82 0.00	62.26 5.40 0.00	84.56 7.26 0.00	90.37 7.76 -3.48	89.55 7.59 -6.10	84.30 6.32 -8.50	82.54 4.72 -22.27	77.06 4.48 -17.20	74.47 4.48 -14.67	76.96 4.54 -17.10	82.63 4.71 -22.50	100.73 5.98 -31.14	116.66 6.70 -43.59	150.13 8.76 -57.94	137.03 8.60 -47.30	115.04 6.94 -38.65	113.67 5.90 -48.24	98.88 5.31 -38.30	100.54 7.05 -15.17	91.32 7.23 0.00

WEST BABYLON___IC 23714	91.61 7.01 -29.00	76.03 6.93 -13.67	72.51 6.92 -10.27	71.11 6.67 -9.28	75.76 6.92 -13.46	75.34 7.28 -11.21	107.67 9.28 -21.10	128.64 9.97 -39.54	110.53 9.79 -24.88	88.30 8.82 -10.00	86.32 6.39 -24.38	80.24 6.04 -18.83	77.29 5.92 -16.05	80.12 6.09 -18.72	86.21 6.15 -24.63	108.55 8.01 -36.93	133.34 8.43 -58.54	158.03 10.10 -64.50	142.57 9.57 -51.86	132.80 8.75 -54.61	127.08 7.62 -59.92	119.57 6.96 -57.34	111.35 9.40 -23.64	104.10 9.67 -10.35
WEST CANADA___HYD 24049	56.11 0.50 0.00	55.87 0.44 0.00	55.76 0.44 0.00	55.54 0.39 0.00	55.82 0.44 0.00	57.42 0.57 0.00	78.07 0.77 0.00	79.92 0.79 0.00	76.62 0.76 0.00	70.17 0.69 0.00	56.11 0.56 0.00	55.87 0.50 0.00	55.82 0.50 0.00	55.82 0.50 0.00	55.93 0.50 0.00	64.25 0.64 0.00	67.03 0.66 0.00	84.27 0.83 0.00	81.94 0.81 0.00	70.13 0.69 0.00	60.07 0.53 0.00	55.77 0.50 0.00	79.10 0.78 0.00	84.84 0.76 0.00
WESTERN_NY_WIND 24143	54.17 -2.00 -0.56	53.07 -2.44 -0.08	52.44 -2.88 0.00	52.50 -2.65 0.00	53.38 -1.99 0.00	55.66 -1.19 0.00	74.90 -2.40 0.00	74.63 -4.99 -0.48	71.47 -5.23 -0.84	65.72 -4.93 -1.17	54.90 -3.72 -3.07	53.76 -3.99 -2.37	53.25 -4.09 -2.02	53.58 -4.09 -2.36	54.65 -3.88 -3.10	63.83 -4.07 -4.29	64.55 -4.25 -2.42	80.43 -6.34 -3.34	77.98 -5.92 -2.77	66.29 -5.42 -2.27	57.16 -5.18 -2.80	52.77 -4.75 -2.26	73.97 -5.25 -0.91	78.62 -5.47 0.00
WESTOVER___LESR 323668	56.92 0.00 -1.31	55.46 -0.17 -0.19	55.60 0.28 0.00	55.37 0.22 0.00	55.82 0.44 0.00	57.71 0.85 0.00	78.53 1.24 0.00	80.86 0.47 -1.26	79.04 0.99 -2.19	73.37 0.83 -3.05	64.17 0.61 -8.00	62.00 0.44 -6.18	60.98 0.39 -5.27	61.85 0.39 -6.14	64.07 0.55 -8.08	75.13 0.25 -11.26	78.62 0.00 -12.26	102.57 0.08 -19.06	97.51 0.00 -16.37	82.75 -0.07 -13.38	76.18 -0.06 -16.70	69.16 -0.22 -14.11	83.67 -0.23 -5.59	84.50 0.42 0.00
WETHRSFD_WT_PWR 323626	52.63 -3.73 -0.74	51.50 -4.04 -0.11	51.89 -3.43 0.00	52.01 -3.14 0.00	52.77 -2.60 0.00	55.09 -1.76 0.00	74.52 -2.78 0.00	74.06 -5.70 -0.63	71.13 -5.84 -1.10	65.45 -5.56 -1.53	55.24 -4.33 -4.02	53.94 -4.54 -3.10	53.26 -4.70 -2.65	53.81 -4.59 -3.08	54.89 -4.60 -4.06	64.39 -4.84 -5.62	62.53 -5.57 -1.74	78.05 -7.26 -1.88	75.50 -7.06 -1.42	64.29 -6.32 -1.17	55.53 -5.42 -1.42	51.20 -5.08 -1.01	72.08 -6.66 -0.43	78.62 -5.46 0.00
WHAVSTOR_138KV_BK127 55557	63.42 4.06 -3.75	59.97 3.99 -0.55	59.30 3.98 0.00	58.90 3.75 0.00	59.31 3.93 0.00	61.12 4.26 0.00	82.55 5.26 0.00	88.58 5.78 -3.67	88.22 5.92 -6.44	83.80 5.35 -8.97	83.24 4.17 -23.52	77.64 4.10 -18.17	74.90 4.09 -15.49	77.42 4.04 -18.06	83.29 4.10 -23.76	101.53 5.03 -32.89	120.17 5.38 -48.42	152.30 6.76 -62.11	137.58 6.41 -50.04	115.82 5.49 -40.89	115.28 4.70 -51.04	100.06 4.31 -40.48	99.99 5.64 -16.04	89.89 5.80 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	63.42 4.06 -3.75	59.97 3.99 -0.55	59.30 3.98 0.00	58.90 3.75 0.00	59.31 3.93 0.00	61.12 4.26 0.00	82.55 5.26 0.00	88.58 5.78 -3.67	88.22 5.92 -6.44	83.80 5.35 -8.97	83.24 4.17 -23.52	77.64 4.10 -18.17	74.90 4.09 -15.49	77.42 4.04 -18.06	83.29 4.10 -23.76	101.53 5.03 -32.89	120.17 5.38 -48.42	152.30 6.76 -62.11	137.58 6.41 -50.04	115.82 5.49 -40.89	115.28 4.70 -51.04	100.06 4.31 -40.48	99.99 5.64 -16.04	89.89 5.80 0.00
WHITEHAL_115KV_TB1 80871	65.19 4.34 -5.24	60.53 4.32 -0.77	59.25 3.93 0.00	58.90 3.75 0.00	59.36 3.99 0.00	61.35 4.49 0.00	83.79 6.49 0.00	90.91 6.65 -5.14	91.40 6.52 -9.01	87.73 5.70 -12.55	92.62 4.17 -32.90	84.83 4.04 -25.42	80.97 3.98 -21.67	84.68 4.09 -25.26	92.82 4.16 -33.24	114.71 5.09 -46.01	117.63 5.64 -45.62	169.85 7.43 -78.99	158.59 7.55 -69.91	132.75 6.18 -57.13	136.08 5.24 -71.31	116.49 4.64 -56.58	107.23 6.50 -22.41	90.81 6.73 0.00
WHITEPLN_13_KV_LOAD 356215	64.60 5.12 -3.87	61.05 5.04 -0.57	60.30 4.98 0.00	59.89 4.74 0.00	60.30 4.93 0.00	62.20 5.34 0.00	84.02 6.72 0.00	90.60 7.68 -3.79	90.18 7.66 -6.66	85.77 7.02 -9.28	85.53 5.67 -24.31	79.58 5.43 -18.78	76.81 5.48 -16.01	79.41 5.42 -18.66	85.47 5.49 -24.56	104.15 6.55 -33.99	123.80 7.04 -50.40	156.67 8.93 -64.31	141.28 8.44 -51.71	118.85 7.15 -42.26	118.47 6.19 -52.74	102.80 5.69 -41.84	102.25 7.36 -16.57	91.82 7.74 0.00
WM_FLOYD_69_KV_BK2 356380	92.73 8.12 -29.00	77.20 8.09 -13.67	73.67 8.08 -10.27	72.32 7.89 -9.28	76.92 8.08 -13.46	76.48 8.41 -11.21	109.14 10.74 -21.10	130.15 11.47 -39.54	111.89 11.15 -24.88	89.49 10.00 -10.00	86.65 6.72 -24.38	80.24 6.04 -18.83	77.35 5.97 -16.05	80.23 6.20 -18.72	85.88 5.82 -24.63	108.36 7.82 -36.93	133.27 8.36 -58.54	158.03 10.10 -64.50	142.57 9.57 -51.86	132.73 8.68 -54.61	127.08 7.62 -59.92	119.63 7.02 -57.34	111.98 10.02 -23.64	104.77 10.34 -10.35
WOODARD___115KV_TB2 355635	55.14 -0.83 -0.37	54.54 -0.94 -0.05	54.27 -1.05 0.00	53.94 -1.21 0.00	54.27 -1.11 0.00	56.06 -0.80 0.00	76.29 -1.00 0.00	78.38 -1.11 -0.36	75.29 -1.21 -0.64	69.32 -1.04 -0.89	56.99 -0.89 -2.32	56.17 -1.00 -1.79	55.85 -1.00 -1.53	56.11 -1.00 -1.78	56.83 -0.94 -2.34	65.90 -0.95 -3.24	68.53 -1.06 -3.22	87.60 -1.33 -5.50	84.68 -1.30 -4.85	72.15 -1.25 -3.96	63.29 -1.19 -4.95	58.10 -1.16 -3.99	78.56 -1.33 -1.58	82.65 -1.43 0.00
YORK___WARBASSE 23770	64.62 5.12 -3.89	61.11 5.10 -0.58	60.42 5.09 -0.01	60.01 4.85 -0.01	60.42 5.04 -0.01	62.09 5.23 0.00	83.33 6.03 0.00	89.58 6.65 -3.80	89.29 6.75 -6.68	85.17 6.39 -9.30	84.93 5.00 -24.37	79.13 4.93 -18.83	76.30 4.92 -16.05	78.90 4.87 -18.71	84.98 4.93 -24.62	103.61 5.92 -34.08	123.17 6.24 -50.56	155.77 7.84 -64.49	140.37 7.38 -51.85	118.34 6.53 -42.37	118.08 5.66 -52.88	102.47 5.25 -41.95	101.90 6.97 -16.62	91.15 7.06 0.00