

# Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion								02/24/2025		
Generator Data																												
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	70.50	69.75	67.33	62.78	67.29	70.07	82.60	93.43	73.57	69.36	64.65	61.24	59.87	58.32	59.75	59.39	68.60	80.50	92.17	82.81	75.63	66.72	59.66	57.67			
		2.58	2.55	2.46	2.18	2.46	2.95	4.15	5.38	4.43	4.29	3.94	3.90	3.60	3.56	3.75	3.94	4.55	5.57	6.35	5.54	4.95	4.13	3.48	3.11			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.71	0.00	-0.35	0.00	0.00	0.00	0.00			
74TH STREET_GT_1	24260	70.50	69.75	67.33	62.91	67.42	70.00	82.68	93.43	73.63	69.43	64.72	61.24	59.87	58.32	59.75	59.39	68.67	80.49	92.25	82.96	75.77	66.91	59.89	57.83			
		2.58	2.55	2.46	2.30	2.59	2.89	4.24	5.38	4.49	4.36	4.01	3.90	3.60	3.56	3.75	3.94	4.61	5.57	6.44	5.69	5.09	4.32	3.71	3.27			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.71	0.00	-0.35	0.00	0.00	0.00	0.00			
74TH STREET_GT_2	24261	70.50	69.75	67.33	62.91	67.42	70.00	82.68	93.43	73.63	69.43	64.72	61.24	59.87	58.32	59.75	59.39	68.67	80.49	92.25	82.96	75.77	66.91	59.89	57.83			
		2.58	2.55	2.46	2.30	2.59	2.89	4.24	5.38	4.49	4.36	4.01	3.90	3.60	3.56	3.75	3.94	4.61	5.57	6.44	5.69	5.09	4.32	3.71	3.27			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.71	0.00	-0.35	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS	24011	72.95	72.17	69.60	65.09	69.69	72.42	85.19	109.32	76.81	72.68	67.45	63.82	62.06	60.41	61.88	61.50	71.04	86.19	96.46	89.85	78.95	69.91	62.47	60.62			
		5.03	4.97	4.74	4.48	4.86	5.30	6.75	9.54	7.67	7.61	6.74	6.48	5.80	5.64	5.88	6.04	6.98	9.05	10.64	9.23	8.27	7.32	6.29	6.06			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.92	0.00	-3.69	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY	23798	73.36	72.58	69.86	65.45	70.14	72.89	85.74	110.31	77.29	73.14	67.87	64.22	62.40	60.74	62.22	61.88	71.67	86.79	97.14	90.35	79.52	70.35	62.86	60.94			
		5.44	5.38	5.00	4.85	5.32	5.77	7.30	10.49	8.15	8.07	7.16	6.88	6.13	5.97	6.22	6.43	7.62	9.64	11.33	9.85	8.83	7.76	6.68	6.38			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.93	0.00	-3.58	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS	24028	72.95	72.17	69.60	65.09	69.69	72.42	85.19	109.32	76.81	72.68	67.45	63.82	62.06	60.41	61.88	61.50	71.04	86.19	96.46	89.85	78.95	69.91	62.47	60.62			
		5.03	4.97	4.74	4.48	4.86	5.30	6.75	9.54	7.67	7.61	6.74	6.48	5.80	5.64	5.88	6.04	6.98	9.05	10.64	9.23	8.27	7.32	6.29	6.06			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.92	0.00	-3.69	0.00	0.00	0.00	0.00			
ADK_NYS___DAM	23527	71.66	70.89	68.43	63.94	68.52	71.07	83.54	102.62	73.98	69.95	65.20	61.64	60.10	58.49	59.86	59.39	68.67	82.15	92.43	85.39	75.99	67.15	60.17	58.38			
		3.73	3.69	3.57	3.33	3.69	3.96	5.10	6.16	4.84	4.88	4.49	4.30	3.83	3.73	3.86	3.94	4.61	5.64	6.61	5.84	5.30	4.57	3.99	3.82			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.29	0.00	-2.63	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP	24190	69.62	68.94	66.55	62.18	66.57	68.93	80.72	95.59	71.07	67.28	62.77	59.40	57.90	56.41	57.74	56.90	65.72	77.95	87.88	80.70	72.66	64.28	57.64	56.36			
		1.70	1.75	1.69	1.58	1.75	1.81	2.27	2.34	1.94	2.21	2.06	2.06	1.63	1.64	1.74	1.44	1.67	2.00	2.06	2.08	1.98	1.69	1.46	1.80			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.73	0.00	-1.70	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK	355683	69.55	68.88	66.36	61.88	66.12	68.19	79.07	86.92	69.42	65.26	60.95	57.45	56.49	54.87	56.00	55.29	63.80	73.55	84.87	76.23	70.33	62.34	56.07	54.40			
		1.63	1.68	1.49	1.27	1.30	1.07	0.63	0.17	0.28	0.20	0.24	0.11	0.23	0.11	0.00	-0.17	-0.26	-0.67	-0.94	-0.69	-0.35	-0.25	-0.11	-0.16			
		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	70.50	69.89	67.39	63.03	67.48	69.87	81.66	94.92	71.62	67.60	63.02	59.57	58.18	56.68	58.07	57.51	66.55	78.54	89.16	81.32	73.65	65.15	58.43	57.02			
		2.58	2.69	2.53	2.43	2.66	2.75	3.22	3.30	2.49	2.54	2.31	2.23	1.91	1.92	2.07	2.05	2.50	2.89	3.34	3.08	2.97	2.57	2.25	2.46			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.43	0.00	-1.32	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR	323834	70.50	69.82	67.39	62.97	67.42	69.87	81.66	94.83	71.62	67.60	63.02	59.57	58.18	56.68	58.07	57.45	66.49	78.54	89.16	81.24	73.65	65.15	58.43	57.02			
		2.58	2.62	2.53	2.36	2.60	2.75	3.22	3.21	2.49	2.54	2.31	2.23	1.91	1.92	2.07	1.99	2.43	2.89	3.34	3.00	2.97	2.57	2.25	2.46			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.43	0.00	-1.32	0.00	0.00	0.00	0.00			
ALBANY___1	23571	69.62	68.94	66.55	62.18	66.57	68.93	80.72	95.59	71.07	67.28	62.77	59.40	57.90	56.41	57.74	56.90	65.72	77.95	87.88	80.70	72.66	64.28	57.64	56.36			
		1.70	1.75	1.69	1.58	1.75	1.81	2.27	2.34	1.94	2.21	2.06	2.06	1.63	1.64	1.74	1.44	1.67	2.00	2.06	2.08	1.98	1.69	1.46	1.80			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.73	0.00	-1.70	0.00	0.00	0.00	0.00			



ALBANY___2 23572	69.62 1.70 0.00	68.94 1.75 0.00	66.55 1.69 0.00	62.18 1.58 0.00	66.57 1.75 0.00	68.93 1.81 0.00	80.72 2.27 0.00	95.59 2.34 -6.50	71.07 1.94 0.00	67.28 2.21 0.00	62.77 2.06 0.00	59.40 2.06 0.00	57.90 1.63 0.00	56.41 1.64 0.00	57.74 1.74 0.00	56.90 1.44 0.00	65.72 1.67 0.00	77.95 2.00 -1.73	87.88 2.06 0.00	80.70 2.08 -1.70	72.66 1.98 0.00	64.28 1.69 0.00	57.64 1.46 0.00	56.36 1.80 0.00
ALBANY___3 23573	69.62 1.70 0.00	68.94 1.75 0.00	66.55 1.69 0.00	62.18 1.58 0.00	66.57 1.75 0.00	68.93 1.81 0.00	80.72 2.27 0.00	95.59 2.34 -6.50	71.07 1.94 0.00	67.28 2.21 0.00	62.77 2.06 0.00	59.40 2.06 0.00	57.90 1.63 0.00	56.41 1.64 0.00	57.74 1.74 0.00	56.90 1.44 0.00	65.72 1.67 0.00	77.95 2.00 -1.73	87.88 2.06 0.00	80.70 2.08 -1.70	72.66 1.98 0.00	64.28 1.69 0.00	57.64 1.46 0.00	56.36 1.80 0.00
ALBANY___4 23574	69.62 1.70 0.00	68.94 1.75 0.00	66.55 1.69 0.00	62.18 1.58 0.00	66.57 1.75 0.00	68.93 1.81 0.00	80.72 2.27 0.00	95.59 2.34 -6.50	71.07 1.94 0.00	67.28 2.21 0.00	62.77 2.06 0.00	59.40 2.06 0.00	57.90 1.63 0.00	56.41 1.64 0.00	57.74 1.74 0.00	56.90 1.44 0.00	65.72 1.67 0.00	77.95 2.00 -1.73	87.88 2.06 0.00	80.70 2.08 -1.70	72.66 1.98 0.00	64.28 1.69 0.00	57.64 1.46 0.00	56.36 1.80 0.00
ALBANY___LFGE 323615	70.10 2.17 0.00	69.41 2.21 0.00	67.00 2.14 0.00	62.60 2.00 0.00	67.03 2.21 0.00	69.46 2.35 0.00	81.35 2.90 0.00	98.78 3.12 -8.91	71.56 2.42 0.00	67.87 2.80 0.00	63.32 2.61 0.00	59.92 2.58 0.00	58.35 2.08 0.00	56.85 2.08 0.00	58.18 2.18 0.00	57.39 1.94 0.00	66.30 2.24 0.00	79.12 2.75 -2.16	88.82 3.00 0.00	82.18 2.85 -2.41	73.30 2.62 0.00	64.84 2.25 0.00	58.09 1.91 0.00	56.75 2.18 0.00
ALCOA_PA_115KV_PL-6C 55860	70.23 2.31 0.00	69.55 2.35 0.00	66.94 2.08 0.00	62.48 1.88 0.00	66.70 1.88 0.00	68.59 1.48 0.00	79.46 1.02 0.00	87.36 0.61 0.00	69.76 0.62 0.00	65.52 0.46 0.00	61.19 0.49 0.00	57.74 0.40 0.00	56.77 0.51 0.00	55.20 0.44 0.00	56.34 0.34 0.00	55.62 0.17 0.00	64.18 0.13 0.00	73.92 -0.30 0.00	85.22 -0.60 0.00	76.61 -0.31 0.00	70.68 0.00 0.00	62.71 0.13 0.00	56.40 0.22 0.00	54.72 0.16 0.00
ALCOA_RYNLDS___DRP 24188	70.23 2.31 0.00	69.55 2.35 0.00	66.94 2.08 0.00	62.48 1.88 0.00	66.70 1.88 0.00	68.59 1.48 0.00	79.46 1.02 0.00	87.36 0.61 0.00	69.76 0.62 0.00	65.52 0.46 0.00	61.19 0.49 0.00	57.74 0.40 0.00	56.77 0.51 0.00	55.20 0.44 0.00	56.34 0.34 0.00	55.62 0.17 0.00	64.18 0.13 0.00	73.92 -0.30 0.00	85.22 -0.60 0.00	76.61 -0.31 0.00	70.68 0.00 0.00	62.71 0.13 0.00	56.40 0.22 0.00	54.72 0.16 0.00
ALCOA___DSASP 323711	70.23 2.31 0.00	69.55 2.35 0.00	66.94 2.08 0.00	62.49 1.88 0.00	66.71 1.88 0.00	68.59 1.47 0.00	79.46 1.02 0.00	87.01 0.26 0.00	69.76 0.62 0.00	65.53 0.46 0.00	61.19 0.48 0.00	57.74 0.40 0.00	56.77 0.51 0.00	55.20 0.44 0.00	56.34 0.34 0.00	55.68 0.22 0.00	64.18 0.13 0.00	73.92 -0.30 0.00	85.13 -0.69 0.00	76.61 -0.31 0.00	70.68 0.00 0.00	62.71 0.13 0.00	56.41 0.23 0.00	54.72 0.16 0.00
ALLEGHENY___COGEN 23514	67.11 -0.81 0.00	65.65 -1.54 0.00	63.63 -1.23 0.00	59.63 -0.97 0.00	63.66 -1.16 0.00	66.38 -0.74 0.00	77.18 -1.26 0.00	85.45 -1.30 0.00	67.34 -1.80 0.00	62.86 -2.21 0.00	58.16 -2.55 0.00	54.76 -2.58 0.00	53.85 -2.42 0.00	52.41 -2.35 0.00	53.65 -2.35 0.00	53.22 -2.22 0.01	61.38 -1.99 0.69	71.69 -1.63 0.89	77.56 -1.38 6.89	59.53 -1.62 15.78	67.16 -1.62 1.90	61.21 -1.38 0.00	55.34 -0.84 0.00	53.91 -0.65 0.00
ALTAMONT_115KV_TB 2 55880	69.62 1.70 0.00	68.94 1.75 0.00	66.55 1.69 0.00	62.18 1.58 0.00	66.57 1.75 0.00	68.93 1.81 0.00	80.80 2.35 0.00	94.86 2.69 -5.42	71.42 2.28 0.00	67.74 2.67 0.00	63.14 2.43 0.00	59.69 2.35 0.00	58.01 1.74 0.00	56.52 1.75 0.00	57.85 1.85 0.00	57.39 1.94 0.00	66.36 2.31 0.00	78.35 2.60 -1.54	88.82 3.00 0.00	83.81 2.69 -4.20	73.09 2.40 0.00	64.65 2.07 0.00	58.03 1.85 0.00	56.36 1.80 0.00
ALTONA_WT_PWR 323606	70.91 2.99 0.00	70.15 2.95 0.00	67.46 2.60 0.00	62.85 2.24 0.00	67.09 2.27 0.00	70.54 3.42 0.00	80.17 1.72 0.00	87.27 0.52 0.00	70.18 1.04 0.00	66.11 1.04 0.00	61.56 0.85 0.00	57.80 0.46 0.00	56.44 0.17 0.00	54.32 -0.44 0.00	54.93 -1.07 0.00	53.79 -1.66 0.00	61.56 -2.50 0.00	70.28 -3.94 0.00	80.93 -4.89 0.00	72.84 -4.08 0.00	67.08 -3.60 0.00	59.52 -3.07 0.00	53.54 -2.64 0.00	52.49 -2.07 0.00
AMERICAN_REF_FUEL 24010	60.18 -7.74 0.00	59.06 -8.13 0.00	57.47 -7.40 0.00	53.69 -6.91 0.00	57.17 -7.65 0.00	59.33 -7.78 0.00	67.85 -10.59 0.00	74.69 -12.06 0.00	59.32 -9.82 0.00	56.16 -8.91 0.00	52.15 -8.56 0.00	49.37 -7.97 0.00	48.67 -7.60 0.00	47.53 -7.23 0.00	48.44 -7.56 0.00	47.74 -7.71 0.01	54.15 -9.48 0.43	63.23 -10.46 0.53	69.67 -11.93 4.22	56.42 -10.84 9.66	59.83 -9.68 1.18	54.02 -8.57 0.00	49.49 -6.69 0.00	48.72 -5.84 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	63.98 -3.94 0.00	62.56 -4.64 0.00	60.84 -4.02 0.00	56.72 -3.88 0.00	60.41 -4.41 0.00	62.82 -4.30 0.00	72.24 -6.20 0.00	79.72 -7.02 0.00	63.40 -5.74 0.00	59.93 -5.14 0.00	55.49 -5.22 0.00	52.58 -4.76 0.00	51.37 -4.90 0.00	50.11 -4.66 0.00	51.35 -4.65 0.00	50.67 -4.77 0.01	57.31 -6.21 0.54	66.57 -6.98 0.67	72.67 -7.81 5.34	57.40 -7.31 12.21	62.77 -6.43 1.49	56.95 -5.63 0.00	51.91 -4.27 0.00	51.18 -3.38 0.00
ARTHUR KILL_GT_1 23520	70.16 2.24 0.00	69.61 2.42 0.00	67.19 2.27 -0.06	66.23 2.43 -3.19	67.34 2.46 -0.06	69.94 2.82 -0.01	82.65 4.15 -0.06	93.22 5.12 -1.36	186.19 4.29 -112.76	69.60 4.17 -0.36	68.45 3.77 -3.97	69.45 3.72 -8.39	69.43 3.43 -9.73	69.43 3.40 -11.27	69.44 3.59 -9.86	69.44 3.77 -10.21	142.69 4.55 -74.09	201.80 5.41 -122.17	208.85 6.35 -116.68	199.56 5.61 -117.03	192.38 5.02 -116.68	87.50 4.26 -20.66	69.61 3.65 -9.78	68.61 3.33 -10.72
ARTHUR_KILL_2 23512	69.96 2.04 0.00	69.41 2.21 0.00	67.00 2.08 -0.06	66.10 2.30 -3.19	67.15 2.27 -0.06	69.74 2.61 -0.01	82.42 3.92 -0.06	92.96 4.85 -1.36	185.98 4.08 -112.76	69.40 3.97 -0.36	68.32 3.64 -3.97	69.28 3.56 -8.39	69.26 3.26 -9.73	69.26 3.23 -11.27	69.27 3.42 -9.86	69.27 3.60 -10.21	142.50 4.36 -74.09	201.65 5.27 -122.17	208.59 6.09 -116.68	199.33 5.38 -117.03	192.17 4.81 -116.68	87.31 4.07 -20.66	69.39 3.43 -9.78	68.44 3.16 -10.72
ARTHUR_KILL_3 23513	69.33 1.70 0.29	68.87 1.68 0.01	66.61 1.68 -0.06	65.38 1.57 -3.20	66.70 1.81 -0.06	69.20 2.08 0.00	71.33 3.22 10.33	72.91 4.25 18.09	70.33 3.52 2.33	68.87 3.45 -0.35	67.89 3.22 -3.97	68.87 3.15 -8.38	68.87 2.87 -9.73	68.87 2.85 -11.26	68.87 3.02 -9.85	68.87 3.22 -10.20	69.35 3.78 -1.52	71.33 4.60 7.49	71.33 5.32 19.81	71.33 4.61 10.20	70.62 4.10 4.16	69.62 3.50 -3.53	68.87 2.92 -9.77	67.89 2.62 -10.71



ARTHUR_KILL_COGEN 323718	70.16 2.24 0.00	69.61 2.42 0.00	67.19 2.27 -0.06	66.23 2.43 -3.19	67.34 2.46 -0.06	69.94 2.82 -0.01	82.65 4.15 -0.06	93.22 5.12 -1.36	186.19 4.29 -112.76	69.60 4.17 -0.36	68.45 3.77 -3.97	69.45 3.72 -8.39	69.43 3.43 -9.73	69.43 3.40 -11.27	69.44 3.59 -9.86	69.44 3.77 -10.21	142.69 4.55 -74.09	201.80 5.41 -122.17	208.85 6.35 -116.68	199.56 5.61 -117.03	192.38 5.02 -116.68	87.50 4.26 -20.66	69.61 3.65 -9.78	68.61 3.33 -10.72
ASHOKAN____ 23654	72.21 4.28 0.00	71.37 4.17 0.00	69.02 4.16 0.00	64.42 3.82 0.00	69.17 4.34 0.00	71.61 4.50 0.00	84.09 5.65 0.00	92.66 2.25 -3.66	73.29 4.15 0.00	68.84 3.77 0.00	63.74 3.03 0.00	60.32 2.98 0.00	58.63 2.36 0.00	56.96 2.19 0.00	58.58 2.58 0.00	58.23 2.77 0.00	67.90 3.84 0.00	77.40 2.00 -1.18	88.56 2.75 0.00	80.22 2.31 -0.99	75.42 4.74 0.00	66.72 4.13 0.00	59.94 3.76 0.00	58.38 3.82 0.00
ASTORIA_EAST_ENERGY_CC1 323581	69.75 1.83 0.01	69.07 1.88 0.01	66.61 1.75 0.01	62.41 1.82 0.01	66.76 1.94 0.01	69.46 2.35 0.01	82.04 3.61 0.01	92.81 4.77 -1.29	73.07 3.94 0.01	68.97 3.90 0.01	64.34 3.64 0.01	60.95 3.61 0.01	59.52 3.26 0.01	58.04 3.29 0.01	59.47 3.47 0.01	59.05 3.60 0.01	68.34 4.29 0.01	80.04 5.12 -0.70	91.73 5.92 0.01	82.50 5.23 -0.34	75.34 4.66 0.01	66.53 3.95 0.01	59.49 3.31 0.01	57.50 2.94 0.01
ASTORIA_EAST_ENERGY_CC2 323582	69.75 1.83 0.01	69.07 1.88 0.01	66.61 1.75 0.01	62.41 1.82 0.01	66.76 1.94 0.01	69.46 2.35 0.01	82.04 3.61 0.01	92.81 4.77 -1.29	73.07 3.94 0.01	68.97 3.90 0.01	64.34 3.64 0.01	60.95 3.61 0.01	59.52 3.26 0.01	58.04 3.29 0.01	59.47 3.47 0.01	59.05 3.60 0.01	68.34 4.29 0.01	80.04 5.12 -0.70	91.73 5.92 0.01	82.50 5.23 -0.34	75.34 4.66 0.01	66.53 3.95 0.01	59.49 3.31 0.01	57.50 2.94 0.01
ASTORIA_GT2_1 24094	69.76 1.83 0.00	69.08 1.88 0.00	66.68 1.82 0.00	62.42 1.82 0.00	66.77 1.94 0.00	69.40 2.28 0.00	82.13 3.69 0.00	92.73 4.68 -1.30	73.14 4.01 0.01	69.03 3.97 0.01	64.34 3.64 0.01	60.94 3.61 0.01	59.58 3.32 0.01	58.04 3.29 0.01	59.46 3.47 0.01	59.11 3.66 0.01	68.28 4.23 0.01	80.11 5.20 -0.70	91.73 5.92 0.01	82.57 5.31 -0.34	75.41 4.74 0.01	66.59 4.01 0.00	59.60 3.43 0.01	57.56 3.00 0.00
ASTORIA_GT2_2 24095	69.76 1.83 0.00	69.08 1.88 0.00	66.68 1.82 0.00	62.42 1.82 0.00	66.77 1.94 0.00	69.40 2.28 0.00	82.13 3.69 0.00	92.73 4.68 -1.30	73.14 4.01 0.01	69.03 3.97 0.01	64.34 3.64 0.01	60.94 3.61 0.01	59.58 3.32 0.01	58.04 3.29 0.01	59.46 3.47 0.01	59.11 3.66 0.01	68.28 4.23 0.01	80.11 5.20 -0.70	91.73 5.92 0.01	82.57 5.31 -0.34	75.41 4.74 0.01	66.59 4.01 0.00	59.60 3.43 0.01	57.56 3.00 0.00
ASTORIA_GT2_3 24096	69.76 1.83 0.00	69.08 1.88 0.00	66.68 1.82 0.00	62.42 1.82 0.00	66.77 1.94 0.00	69.40 2.28 0.00	82.13 3.69 0.00	92.73 4.68 -1.30	73.14 4.01 0.01	69.03 3.97 0.01	64.34 3.64 0.01	60.94 3.61 0.01	59.58 3.32 0.01	58.04 3.29 0.01	59.46 3.47 0.01	59.11 3.66 0.01	68.28 4.23 0.01	80.11 5.20 -0.70	91.73 5.92 0.01	82.57 5.31 -0.34	75.41 4.74 0.01	66.59 4.01 0.00	59.60 3.43 0.01	57.56 3.00 0.00
ASTORIA_GT2_4 24097	69.76 1.83 0.00	69.08 1.88 0.00	66.68 1.82 0.00	62.42 1.82 0.00	66.77 1.94 0.00	69.40 2.28 0.00	82.13 3.69 0.00	92.73 4.68 -1.30	73.14 4.01 0.01	69.03 3.97 0.01	64.34 3.64 0.01	60.94 3.61 0.01	59.58 3.32 0.01	58.04 3.29 0.01	59.46 3.47 0.01	59.11 3.66 0.01	68.28 4.23 0.01	80.11 5.20 -0.70	91.73 5.92 0.01	82.57 5.31 -0.34	75.41 4.74 0.01	66.59 4.01 0.00	59.60 3.43 0.01	57.56 3.00 0.00
ASTORIA_GT3_1 24098	69.76 1.83 0.00	69.08 1.88 0.00	66.68 1.82 0.00	62.42 1.82 0.00	66.77 1.94 0.00	69.40 2.28 0.00	82.13 3.69 0.00	92.73 4.68 -1.30	73.14 4.01 0.01	69.03 3.97 0.01	64.34 3.64 0.01	60.94 3.61 0.01	59.58 3.32 0.01	58.04 3.29 0.01	59.46 3.47 0.01	59.11 3.66 0.01	68.28 4.23 0.01	80.11 5.20 -0.70	91.73 5.92 0.01	82.57 5.31 -0.34	75.41 4.74 0.01	66.59 4.01 0.00	59.60 3.43 0.01	57.56 3.00 0.00
ASTORIA_GT3_2 24099	69.76 1.83 0.00	69.08 1.88 0.00	66.68 1.82 0.00	62.42 1.82 0.00	66.77 1.94 0.00	69.40 2.28 0.00	82.13 3.69 0.00	92.73 4.68 -1.30	73.14 4.01 0.01	69.03 3.97 0.01	64.34 3.64 0.01	60.94 3.61 0.01	59.58 3.32 0.01	58.04 3.29 0.01	59.46 3.47 0.01	59.11 3.66 0.01	68.28 4.23 0.01	80.11 5.20 -0.70	91.73 5.92 0.01	82.57 5.31 -0.34	75.41 4.74 0.01	66.59 4.01 0.00	59.60 3.43 0.01	57.56 3.00 0.00
ASTORIA_GT3_3 24100	69.76 1.83 0.00	69.08 1.88 0.00	66.68 1.82 0.00	62.42 1.82 0.00	66.77 1.94 0.00	69.40 2.28 0.00	82.13 3.69 0.00	92.73 4.68 -1.30	73.14 4.01 0.01	69.03 3.97 0.01	64.34 3.64 0.01	60.94 3.61 0.01	59.58 3.32 0.01	58.04 3.29 0.01	59.46 3.47 0.01	59.11 3.66 0.01	68.28 4.23 0.01	80.11 5.20 -0.70	91.73 5.92 0.01	82.57 5.31 -0.34	75.41 4.74 0.01	66.59 4.01 0.00	59.60 3.43 0.01	57.56 3.00 0.00
ASTORIA_GT3_4 24101	69.76 1.83 0.00	69.08 1.88 0.00	66.68 1.82 0.00	62.42 1.82 0.00	66.77 1.94 0.00	69.40 2.28 0.00	82.13 3.69 0.00	92.73 4.68 -1.30	73.14 4.01 0.01	69.03 3.97 0.01	64.34 3.64 0.01	60.94 3.61 0.01	59.58 3.32 0.01	58.04 3.29 0.01	59.46 3.47 0.01	59.11 3.66 0.01	68.28 4.23 0.01	80.11 5.20 -0.70	91.73 5.92 0.01	82.57 5.31 -0.34	75.41 4.74 0.01	66.59 4.01 0.00	59.60 3.43 0.01	57.56 3.00 0.00
ASTORIA_GT4_1 24102	69.76 1.83 0.00	69.08 1.88 0.00	66.68 1.82 0.00	62.42 1.82 0.00	66.77 1.94 0.00	69.40 2.28 0.00	82.13 3.69 0.00	92.73 4.68 -1.30	73.14 4.01 0.01	69.03 3.97 0.01	64.34 3.64 0.01	60.94 3.61 0.01	59.58 3.32 0.01	58.04 3.29 0.01	59.46 3.47 0.01	59.11 3.66 0.01	68.28 4.23 0.01	80.11 5.20 -0.70	91.73 5.92 0.01	82.57 5.31 -0.34	75.41 4.74 0.01	66.59 4.01 0.00	59.60 3.43 0.01	57.56 3.00 0.00
ASTORIA_GT4_2 24103	69.76 1.83 0.00	69.08 1.88 0.00	66.68 1.82 0.00	62.42 1.82 0.00	66.77 1.94 0.00	69.40 2.28 0.00	82.13 3.69 0.00	92.73 4.68 -1.30	73.14 4.01 0.01	69.03 3.97 0.01	64.34 3.64 0.01	60.94 3.61 0.01	59.58 3.32 0.01	58.04 3.29 0.01	59.46 3.47 0.01	59.11 3.66 0.01	68.28 4.23 0.01	80.11 5.20 -0.70	91.73 5.92 0.01	82.57 5.31 -0.34	75.41 4.74 0.01	66.59 4.01 0.00	59.60 3.43 0.01	57.56 3.00 0.00
ASTORIA_GT4_3 24104	69.76 1.83 0.00	69.08 1.88 0.00	66.68 1.82 0.00	62.42 1.82 0.00	66.77 1.94 0.00	69.40 2.28 0.00	82.13 3.69 0.00	92.73 4.68 -1.30	73.14 4.01 0.01	69.03 3.97 0.01	64.34 3.64 0.01	60.94 3.61 0.01	59.58 3.32 0.01	58.04 3.29 0.01	59.46 3.47 0.01	59.11 3.66 0.01	68.28 4.23 0.01	80.11 5.20 -0.70	91.73 5.92 0.01	82.57 5.31 -0.34	75.41 4.74 0.01	66.59 4.01 0.00	59.60 3.43 0.01	57.56 3.00 0.00



ASTORIA_GT4_4 24105	69.76 1.83 0.00	69.08 1.88 0.00	66.68 1.82 0.00	62.42 1.82 0.00	66.77 1.94 0.00	69.40 2.28 0.00	82.13 3.69 0.00	92.73 4.68 -1.30	73.14 4.01 0.01	69.03 3.97 0.01	64.34 3.64 0.01	60.94 3.61 0.01	59.58 3.32 0.01	58.04 3.29 0.01	59.46 3.47 0.01	59.11 3.66 0.01	68.28 4.23 0.01	80.11 5.20 -0.70	91.73 5.92 0.01	82.57 5.31 -0.34	75.41 4.74 0.01	66.59 4.01 0.00	59.60 3.43 0.01	57.56 3.00 0.00
ASTORIA_GT_1 23523	69.89 1.97 0.01	69.20 2.01 0.01	66.74 1.88 0.01	62.54 1.94 0.01	66.89 2.07 0.01	69.59 2.48 0.01	82.28 3.84 0.01	92.98 4.94 -1.29	73.28 4.15 0.01	69.16 4.10 0.01	64.47 3.77 0.01	61.06 3.72 0.01	59.69 3.43 0.01	58.15 3.40 0.01	59.58 3.59 0.01	59.16 3.72 0.01	68.46 4.42 0.01	80.26 5.35 -0.70	91.99 6.18 0.01	82.65 5.38 -0.34	75.55 4.87 0.01	66.71 4.13 0.01	59.60 3.43 0.01	57.66 3.11 0.01
ASTORIA_GT_10 24110	70.23 2.31 0.00	69.55 2.35 0.00	67.07 2.21 0.00	62.85 2.24 0.00	67.22 2.40 0.00	69.80 2.68 0.00	82.60 4.16 0.00	93.25 5.20 -1.30	89.50 4.36 -16.01	74.39 4.23 -5.09	65.22 3.89 -0.62	62.51 3.84 -1.33	62.29 3.54 -2.48	60.06 3.50 -1.79	61.26 3.70 -1.56	60.95 3.88 -1.62	79.06 4.48 -10.52	97.66 5.49 -17.95	108.65 6.26 -16.57	99.45 5.62 -16.91	92.27 5.02 -16.57	66.78 4.19 0.00	60.25 3.71 -0.36	57.83 3.27 0.00
ASTORIA_GT_11 24225	70.23 2.31 0.00	69.55 2.35 0.00	67.07 2.21 0.00	62.85 2.24 0.00	67.22 2.40 0.00	69.80 2.68 0.00	82.60 4.16 0.00	93.25 5.20 -1.30	89.50 4.36 -16.01	74.39 4.23 -5.09	65.22 3.89 -0.62	62.51 3.84 -1.33	62.29 3.54 -2.48	60.06 3.50 -1.79	61.26 3.70 -1.56	60.95 3.88 -1.62	79.06 4.48 -10.52	97.66 5.49 -17.95	108.65 6.26 -16.57	99.45 5.62 -16.91	92.27 5.02 -16.57	66.78 4.19 0.00	60.25 3.71 -0.36	57.83 3.27 0.00
ASTORIA_GT_12 24226	70.23 2.31 0.00	69.55 2.35 0.00	67.07 2.21 0.00	62.85 2.24 0.00	67.22 2.40 0.00	69.80 2.68 0.00	82.60 4.16 0.00	93.25 5.20 -1.30	89.50 4.36 -16.01	74.39 4.23 -5.09	65.22 3.89 -0.62	62.51 3.84 -1.33	62.29 3.54 -2.48	60.06 3.50 -1.79	61.26 3.70 -1.56	60.95 3.88 -1.62	79.06 4.48 -10.52	97.66 5.49 -17.95	108.65 6.26 -16.57	99.45 5.62 -16.91	92.27 5.02 -16.57	66.78 4.19 0.00	60.25 3.71 -0.36	57.83 3.27 0.00
ASTORIA_GT_13 24227	70.23 2.31 0.00	69.55 2.35 0.00	67.07 2.21 0.00	62.85 2.24 0.00	67.22 2.40 0.00	69.80 2.68 0.00	82.60 4.16 0.00	93.25 5.20 -1.30	89.50 4.36 -16.01	74.39 4.23 -5.09	65.22 3.89 -0.62	62.51 3.84 -1.33	62.29 3.54 -2.48	60.06 3.50 -1.79	61.26 3.70 -1.56	60.95 3.88 -1.62	79.06 4.48 -10.52	97.66 5.49 -17.95	108.65 6.26 -16.57	99.45 5.62 -16.91	92.27 5.02 -16.57	66.78 4.19 0.00	60.25 3.71 -0.36	57.83 3.27 0.00
ASTORIA_GT_5 24106	69.89 1.97 0.00	69.21 2.02 0.00	66.75 1.88 0.00	62.54 1.94 0.00	66.90 2.07 0.00	69.53 2.42 0.00	82.29 3.84 0.00	92.91 4.86 -1.30	73.28 4.15 0.01	69.16 4.10 0.01	64.46 3.76 0.01	61.06 3.73 0.01	59.69 3.43 0.01	58.15 3.40 0.01	59.58 3.58 0.01	59.22 3.77 0.01	68.40 4.36 0.01	80.26 5.34 -0.70	91.90 6.09 0.01	82.72 5.46 -0.34	75.55 4.88 0.01	66.72 4.13 0.00	59.71 3.54 0.01	57.67 3.11 0.00
ASTORIA_GT_7 24107	69.89 1.97 0.00	69.21 2.02 0.00	66.75 1.88 0.00	62.54 1.94 0.00	66.90 2.07 0.00	69.53 2.42 0.00	82.29 3.84 0.00	92.91 4.86 -1.30	73.28 4.15 0.01	69.16 4.10 0.01	64.46 3.76 0.01	61.06 3.73 0.01	59.69 3.43 0.01	58.15 3.40 0.01	59.58 3.58 0.01	59.22 3.77 0.01	68.40 4.36 0.01	80.26 5.34 -0.70	91.90 6.09 0.01	82.72 5.46 -0.34	75.55 4.88 0.01	66.72 4.13 0.00	59.71 3.54 0.01	57.67 3.11 0.00
ASTORIA_GT_8 24108	69.89 1.97 0.00	69.21 2.02 0.00	66.75 1.88 0.00	62.54 1.94 0.00	66.90 2.07 0.00	69.53 2.42 0.00	82.29 3.84 0.00	92.91 4.86 -1.30	73.28 4.15 0.01	69.16 4.10 0.01	64.46 3.76 0.01	61.06 3.73 0.01	59.69 3.43 0.01	58.15 3.40 0.01	59.58 3.58 0.01	59.22 3.77 0.01	68.40 4.36 0.01	80.26 5.34 -0.70	91.90 6.09 0.01	82.72 5.46 -0.34	75.55 4.88 0.01	66.72 4.13 0.00	59.71 3.54 0.01	57.67 3.11 0.00
ASTORIA___2 24149	69.75 1.83 0.01	69.07 1.88 0.01	66.61 1.75 0.01	62.41 1.82 0.01	66.76 1.94 0.01	69.46 2.35 0.01	82.12 3.69 0.01	92.81 4.77 -1.29	73.14 4.01 0.01	69.03 3.97 0.01	64.34 3.64 0.01	60.95 3.61 0.01	59.58 3.32 0.01	58.04 3.29 0.01	59.47 3.47 0.01	59.10 3.66 0.01	68.34 4.29 0.01	80.11 5.19 -0.70	91.81 6.01 0.01	82.50 5.23 -0.34	75.34 4.66 0.01	66.59 4.01 0.01	59.49 3.31 0.01	57.55 3.00 0.01
ASTORIA___3 23516	70.23 2.31 0.00	69.55 2.35 0.00	67.07 2.21 0.00	62.85 2.24 0.00	67.22 2.40 0.00	69.87 2.75 0.00	82.60 4.15 0.00	93.34 5.29 -1.30	89.51 4.36 -16.01	74.39 4.23 -5.09	65.22 3.89 -0.62	62.51 3.84 -1.33	62.29 3.55 -2.48	60.06 3.51 -1.79	61.26 3.70 -1.56	60.90 3.82 -1.62	79.12 4.55 -10.52	97.66 5.49 -17.95	108.73 6.35 -16.57	99.38 5.54 -16.92	92.20 4.95 -16.57	66.78 4.19 0.00	60.14 3.60 -0.36	57.83 3.27 0.00
ASTORIA___4 23517	70.23 2.31 0.00	69.55 2.35 0.00	67.07 2.21 0.00	62.85 2.24 0.00	67.22 2.40 0.00	69.80 2.68 0.00	82.60 4.16 0.00	93.25 5.20 -1.30	89.50 4.36 -16.01	74.39 4.23 -5.09	65.22 3.89 -0.62	62.51 3.84 -1.33	62.29 3.54 -2.48	60.06 3.50 -1.79	61.26 3.70 -1.56	60.95 3.88 -1.62	79.06 4.48 -10.52	97.66 5.49 -17.95	108.65 6.26 -16.57	99.45 5.62 -16.91	92.27 5.02 -16.57	66.78 4.19 0.00	60.25 3.71 -0.36	57.83 3.27 0.00
ASTORIA___5 23518	70.23 2.31 0.00	69.55 2.35 0.00	67.07 2.21 0.00	62.85 2.24 0.00	67.22 2.40 0.00	69.87 2.75 0.00	82.60 4.15 0.00	93.34 5.29 -1.30	89.51 4.36 -16.01	74.39 4.23 -5.09	65.22 3.89 -0.62	62.51 3.84 -1.33	62.29 3.55 -2.48	60.06 3.51 -1.79	61.26 3.70 -1.56	60.90 3.82 -1.62	79.12 4.55 -10.52	97.66 5.49 -17.95	108.73 6.35 -16.57	99.38 5.54 -16.92	92.20 4.95 -16.57	66.78 4.19 0.00	60.14 3.60 -0.36	57.83 3.27 0.00
AST_ENERGY_2_CC3 323677	70.03 2.11 0.00	69.28 2.09 0.00	66.88 2.01 0.00	62.49 1.88 0.00	66.96 2.14 0.00	69.60 2.48 0.00	82.13 3.69 0.00	92.82 4.77 -1.30	73.01 3.87 0.00	68.91 3.84 0.00	64.23 3.52 0.00	60.78 3.44 0.00	59.42 3.15 0.00	57.94 3.18 0.00	59.30 3.30 0.00	58.95 3.50 0.00	68.16 4.10 0.00	79.98 5.05 -0.71	91.66 5.84 0.00	82.35 5.08 -0.35	75.21 4.53 0.00	66.41 3.82 0.00	59.38 3.20 0.00	57.45 2.89 0.00
AST_ENERGY_2_CC4 323678	70.03 2.11 0.00	69.28 2.09 0.00	66.88 2.01 0.00	62.49 1.88 0.00	66.96 2.14 0.00	69.60 2.48 0.00	82.13 3.69 0.00	92.82 4.77 -1.30	73.01 3.87 0.00	68.91 3.84 0.00	64.23 3.52 0.00	60.78 3.44 0.00	59.42 3.15 0.00	57.94 3.18 0.00	59.30 3.30 0.00	58.95 3.50 0.00	68.16 4.10 0.00	79.98 5.05 -0.71	91.66 5.84 0.00	82.35 5.08 -0.35	75.21 4.53 0.00	66.41 3.82 0.00	59.38 3.20 0.00	57.45 2.89 0.00



ATHENS_STG_1 23668	69.62 1.70 0.00	68.94 1.74 0.00	66.62 1.75 0.00	62.24 1.64 0.00	66.64 1.81 0.00	68.99 1.88 0.00	81.03 2.58 0.00	90.96 3.21 -1.00	71.70 2.56 0.00	67.60 2.54 0.00	63.02 2.31 0.00	59.64 2.30 0.00	58.29 2.02 0.00	56.79 2.03 0.00	58.13 2.13 0.00	57.67 2.22 0.00	66.68 2.63 0.00	78.11 3.19 -0.70	89.51 3.69 0.00	80.50 3.31 -0.27	73.65 2.97 0.00	65.09 2.51 0.00	58.31 2.13 0.00	56.58 2.02 0.00
ATHENS_STG_2 23670	69.62 1.70 0.00	68.94 1.74 0.00	66.62 1.75 0.00	62.24 1.64 0.00	66.64 1.81 0.00	68.99 1.88 0.00	81.03 2.58 0.00	90.96 3.21 -1.00	71.70 2.56 0.00	67.60 2.54 0.00	63.02 2.31 0.00	59.64 2.30 0.00	58.29 2.02 0.00	56.79 2.03 0.00	58.13 2.13 0.00	57.67 2.22 0.00	66.68 2.63 0.00	78.11 3.19 -0.70	89.51 3.69 0.00	80.50 3.31 -0.27	73.65 2.97 0.00	65.09 2.51 0.00	58.31 2.13 0.00	56.58 2.02 0.00
ATHENS_STG_3 23677	69.62 1.70 0.00	68.94 1.74 0.00	66.62 1.75 0.00	62.24 1.64 0.00	66.64 1.81 0.00	68.99 1.88 0.00	81.03 2.58 0.00	90.96 3.21 -1.00	71.70 2.56 0.00	67.60 2.54 0.00	63.02 2.31 0.00	59.64 2.30 0.00	58.29 2.02 0.00	56.79 2.03 0.00	58.13 2.13 0.00	57.67 2.22 0.00	66.68 2.63 0.00	78.11 3.19 -0.70	89.51 3.69 0.00	80.50 3.31 -0.27	73.65 2.97 0.00	65.09 2.51 0.00	58.31 2.13 0.00	56.58 2.02 0.00
AUBURN___LFGE 323710	66.77 -1.15 0.00	65.85 -1.34 0.00	63.63 -1.23 0.00	59.51 -1.09 0.00	63.72 -1.10 0.00	66.24 -0.87 0.00	77.50 -0.94 0.00	85.79 -0.95 0.00	68.24 -0.90 0.00	64.09 -0.98 0.00	59.74 -0.97 0.00	56.42 -0.92 0.00	55.42 -0.84 0.00	53.94 -0.82 0.00	55.16 -0.84 0.00	54.68 -0.78 0.00	63.53 -0.70 -0.18	73.91 -0.67 -0.36	87.02 -0.60 -1.80	80.43 -0.62 -4.12	70.47 -0.71 -0.50	61.90 -0.69 0.00	55.56 -0.62 0.00	53.96 -0.60 0.00
BABYLON_RES_REC 323704	96.19 3.80 -24.46	94.20 3.76 -23.24	88.45 3.63 -19.96	88.41 3.39 -24.42	91.64 3.76 -23.06	108.88 4.23 -37.54	133.53 5.57 -49.52	134.35 6.77 -40.83	107.96 5.46 -33.36	88.46 5.14 -18.25	74.76 4.67 -9.37	61.87 4.53 0.00	60.37 4.11 0.00	58.82 4.05 0.00	75.02 4.42 -14.60	80.04 4.55 -20.04	88.38 5.38 -18.95	129.74 6.60 -48.93	132.39 7.64 -38.93	127.79 6.69 -44.18	110.86 6.08 -34.09	97.42 5.19 -29.64	90.96 4.44 -30.34	79.98 4.09 -21.33
BABYLON__69_KV_BK2 356345	96.94 4.55 -24.46	95.01 4.57 -23.24	89.24 4.41 -19.96	89.08 4.06 -24.42	92.36 4.47 -23.06	109.62 4.97 -37.54	134.47 6.51 -49.52	135.30 7.72 -40.83	108.79 6.29 -33.36	89.11 5.79 -18.25	75.30 5.22 -9.37	62.39 5.05 0.00	60.88 4.61 0.00	59.26 4.49 0.00	75.53 4.93 -14.60	80.65 5.16 -20.04	89.02 6.02 -18.95	130.56 7.42 -48.93	133.33 7.62 -38.93	128.71 6.71 -44.17	111.63 6.86 -34.09	98.11 5.88 -29.64	91.64 5.11 -30.34	80.53 4.64 -21.33
BALL_HILL_WT_PWR 323825	63.37 -4.55 0.00	62.16 -5.04 0.00	60.45 -4.41 0.00	56.42 -4.18 0.00	60.09 -4.73 0.00	62.42 -4.70 0.00	71.77 -6.67 0.00	79.03 -7.72 0.00	63.05 -6.08 0.00	59.60 -5.47 0.00	55.25 -5.46 0.00	52.35 -4.99 0.00	51.43 -4.84 0.00	50.16 -4.60 0.00	51.13 -4.87 0.00	50.45 -4.99 0.01	57.28 -6.27 0.50	66.54 -7.05 0.62	72.84 -7.98 5.00	58.10 -7.38 11.44	62.72 -6.57 1.40	56.83 -5.76 0.00	51.86 -4.32 0.00	51.07 -3.49 0.00
BARON_WINDS___WT_PWR 323822	65.20 -2.72 0.00	64.11 -3.09 0.00	62.14 -2.72 0.00	58.06 -2.54 0.00	61.91 -2.92 0.00	64.23 -2.88 0.00	74.44 -4.00 0.00	82.34 -4.77 -0.36	64.85 -4.29 0.00	60.97 -4.10 0.00	56.58 -4.13 0.00	53.44 -3.90 0.00	52.55 -3.72 0.00	51.04 -3.73 0.00	52.08 -3.92 0.00	51.44 -3.99 0.02	58.66 -4.55 0.85	68.22 -4.90 1.10	71.71 -5.58 8.53	52.39 -5.08 19.45	63.65 -4.67 2.36	58.52 -4.07 0.00	52.98 -3.20 0.00	51.94 -2.62 0.00
BARRETT_IC_1 23704	95.37 2.99 -24.46	93.46 3.03 -23.24	87.81 2.99 -19.96	87.81 2.79 -24.42	90.87 2.98 -23.06	107.87 3.22 -37.54	132.43 4.47 -49.52	133.13 5.56 -40.83	106.99 4.49 -33.36	87.81 4.49 -18.25	74.39 4.31 -9.37	61.52 4.18 0.00	60.04 3.77 0.00	58.49 3.73 0.00	74.63 4.03 -14.60	79.60 4.10 -20.04	87.81 4.81 -18.95	128.78 5.64 -48.93	131.36 6.61 -38.93	126.87 5.77 -44.18	109.93 5.16 -34.09	96.67 4.44 -29.64	90.40 3.87 -30.34	79.60 3.71 -21.33
BARRETT_IC_10 23701	95.37 2.99 -24.46	93.46 3.03 -23.24	87.81 2.99 -19.96	87.81 2.79 -24.42	90.87 2.98 -23.06	107.87 3.22 -37.54	132.43 4.47 -49.52	133.13 5.56 -40.83	106.99 4.49 -33.36	87.81 4.49 -18.25	74.39 4.31 -9.37	61.52 4.18 0.00	60.04 3.77 0.00	58.49 3.73 0.00	74.63 4.03 -14.60	79.60 4.10 -20.04	87.81 4.81 -18.95	128.78 5.64 -48.93	131.36 6.61 -38.93	126.87 5.77 -44.18	109.93 5.16 -34.09	96.67 4.44 -29.64	90.40 3.87 -30.34	79.60 3.71 -21.33
BARRETT_IC_11 23702	95.37 2.99 -24.46	93.46 3.03 -23.24	87.81 2.99 -19.96	87.81 2.79 -24.42	90.87 2.98 -23.06	107.87 3.22 -37.54	132.43 4.47 -49.52	133.13 5.56 -40.83	106.99 4.49 -33.36	87.81 4.49 -18.25	74.39 4.31 -9.37	61.52 4.18 0.00	60.04 3.77 0.00	58.49 3.73 0.00	74.63 4.03 -14.60	79.60 4.10 -20.04	87.81 4.81 -18.95	128.78 5.64 -48.93	131.36 6.61 -38.93	126.87 5.77 -44.18	109.93 5.16 -34.09	96.67 4.44 -29.64	90.40 3.87 -30.34	79.60 3.71 -21.33
BARRETT_IC_12 23703	95.37 2.99 -24.46	93.46 3.03 -23.24	87.81 2.99 -19.96	87.81 2.79 -24.42	90.87 2.98 -23.06	107.87 3.22 -37.54	132.43 4.47 -49.52	133.13 5.56 -40.83	106.99 4.49 -33.36	87.81 4.49 -18.25	74.39 4.31 -9.37	61.52 4.18 0.00	60.04 3.77 0.00	58.49 3.73 0.00	74.63 4.03 -14.60	79.60 4.10 -20.04	87.81 4.81 -18.95	128.78 5.64 -48.93	131.36 6.61 -38.93	126.87 5.77 -44.18	109.93 5.16 -34.09	96.67 4.44 -29.64	90.40 3.87 -30.34	79.60 3.71 -21.33
BARRETT_IC_2 23705	95.37 2.99 -24.46	93.46 3.03 -23.24	87.81 2.99 -19.96	87.81 2.79 -24.42	90.87 2.98 -23.06	107.87 3.22 -37.54	132.43 4.47 -49.52	133.13 5.56 -40.83	106.99 4.49 -33.36	87.81 4.49 -18.25	74.39 4.31 -9.37	61.52 4.18 0.00	60.04 3.77 0.00	58.49 3.73 0.00	74.63 4.03 -14.60	79.60 4.10 -20.04	87.81 4.81 -18.95	128.78 5.64 -48.93	131.36 6.61 -38.93	126.87 5.77 -44.18	109.93 5.16 -34.09	96.67 4.44 -29.64	90.40 3.87 -30.34	79.60 3.71 -21.33
BARRETT_IC_3 23706	95.37 2.99 -24.46	93.46 3.03 -23.24	87.81 2.99 -19.96	87.81 2.79 -24.42	90.87 2.98 -23.06	107.87 3.22 -37.54	132.43 4.47 -49.52	133.13 5.56 -40.83	106.99 4.49 -33.36	87.81 4.49 -18.25	74.39 4.31 -9.37	61.52 4.18 0.00	60.04 3.77 0.00	58.49 3.73 0.00	74.63 4.03 -14.60	79.60 4.10 -20.04	87.81 4.81 -18.95	128.78 5.64 -48.93	131.36 6.61 -38.93	126.87 5.77 -44.18	109.93 5.16 -34.09	96.67 4.44 -29.64	90.40 3.87 -30.34	79.60 3.71 -21.33
BARRETT_IC_4 23707	95.37 2.99 -24.46	93.46 3.03 -23.24	87.81 2.99 -19.96	87.81 2.79 -24.42	90.87 2.98 -23.06	107.87 3.22 -37.54	132.43 4.47 -49.52	133.13 5.56 -40.83	106.99 4.49 -33.36	87.81 4.49 -18.25	74.39 4.31 -9.37	61.52 4.18 0.00	60.04 3.77 0.00	58.49 3.73 0.00	74.63 4.03 -14.60	79.60 4.10 -20.04	87.81 4.81 -18.95	128.78 5.64 -48.93	131.36 6.61 -38.93	126.87 5.77 -44.18	109.93 5.16 -34.09	96.67 4.44 -29.64	90.40 3.87 -30.34	79.60 3.71 -21.33



BARRETT_IC_5 23708	95.37 2.99 -24.46	93.46 3.03 -23.24	87.81 2.99 -19.96	87.81 2.79 -24.42	90.87 2.98 -23.06	107.87 3.22 -37.54	132.43 4.47 -49.52	133.13 5.56 -40.83	106.99 4.49 -33.36	87.81 4.49 -18.25	74.39 4.31 -9.37	61.52 4.18 0.00	60.04 3.77 0.00	58.49 3.73 0.00	74.63 4.03 -14.60	79.60 4.10 -20.04	87.81 4.81 -18.95	128.78 5.64 -48.93	131.36 6.61 -38.93	126.87 5.77 -44.18	109.93 5.16 -34.09	96.67 4.44 -29.64	90.40 3.87 -30.34	79.60 3.71 -21.33
BARRETT_IC_6 23709	95.37 2.99 -24.46	93.46 3.03 -23.24	87.81 2.99 -19.96	87.81 2.79 -24.42	90.87 2.98 -23.06	107.87 3.22 -37.54	132.43 4.47 -49.52	133.13 5.56 -40.83	106.99 4.49 -33.36	87.81 4.49 -18.25	74.39 4.31 -9.37	61.52 4.18 0.00	60.04 3.77 0.00	58.49 3.73 0.00	74.63 4.03 -14.60	79.60 4.10 -20.04	87.81 4.81 -18.95	128.78 5.64 -48.93	131.36 6.61 -38.93	126.87 5.77 -44.18	109.93 5.16 -34.09	96.67 4.44 -29.64	90.40 3.87 -30.34	79.60 3.71 -21.33
BARRETT_IC_7 23710	95.37 2.99 -24.46	93.46 3.02 -23.24	87.81 2.98 -19.96	87.81 2.79 -24.42	90.87 2.98 -23.06	107.81 3.15 -37.54	132.43 4.47 -49.52	133.04 5.47 -40.83	106.99 4.49 -33.36	87.81 4.49 -18.25	74.33 4.25 -9.37	61.47 4.13 0.00	60.04 3.77 0.00	58.49 3.72 0.00	74.63 4.03 -14.60	79.66 4.16 -20.04	87.74 4.74 -18.95	128.78 5.64 -48.93	131.27 6.52 -38.93	126.94 5.85 -44.17	109.94 5.16 -34.09	96.67 4.44 -29.64	90.51 3.99 -30.34	79.60 3.71 -21.33
BARRETT_IC_8 23711	95.37 2.99 -24.46	93.46 3.03 -23.24	87.81 2.99 -19.96	87.81 2.79 -24.42	90.87 2.98 -23.06	107.87 3.22 -37.54	132.43 4.47 -49.52	133.13 5.56 -40.83	106.99 4.49 -33.36	87.81 4.49 -18.25	74.39 4.31 -9.37	61.52 4.18 0.00	60.04 3.77 0.00	58.49 3.73 0.00	74.63 4.03 -14.60	79.60 4.10 -20.04	87.81 4.81 -18.95	128.78 5.64 -48.93	131.36 6.61 -38.93	126.87 5.77 -44.18	109.93 5.16 -34.09	96.67 4.44 -29.64	90.40 3.87 -30.34	79.60 3.71 -21.33
BARRETT_IC_9 23700	95.37 2.99 -24.46	93.46 3.03 -23.24	87.81 2.99 -19.96	87.81 2.79 -24.42	90.87 2.98 -23.06	107.87 3.22 -37.54	132.43 4.47 -49.52	133.13 5.56 -40.83	106.99 4.49 -33.36	87.81 4.49 -18.25	74.39 4.31 -9.37	61.52 4.18 0.00	60.04 3.77 0.00	58.49 3.73 0.00	74.63 4.03 -14.60	79.60 4.10 -20.04	87.81 4.81 -18.95	128.78 5.64 -48.93	131.36 6.61 -38.93	126.87 5.77 -44.18	109.93 5.16 -34.09	96.67 4.44 -29.64	90.40 3.87 -30.34	79.60 3.71 -21.33
BARRETT___1 23545	95.37 2.99 -24.46	93.46 3.03 -23.24	87.81 2.99 -19.96	87.81 2.79 -24.42	90.87 2.98 -23.06	107.87 3.22 -37.54	132.43 4.47 -49.52	133.13 5.56 -40.83	106.99 4.49 -33.36	87.81 4.49 -18.25	74.39 4.31 -9.37	61.52 4.18 0.00	60.04 3.77 0.00	58.49 3.73 0.00	74.63 4.03 -14.60	79.60 4.10 -20.04	87.81 4.81 -18.95	128.78 5.64 -48.93	131.36 6.61 -38.93	126.87 5.77 -44.18	109.93 5.16 -34.09	96.67 4.44 -29.64	90.40 3.87 -30.34	79.60 3.71 -21.33
BARRETT___2 23546	95.37 2.99 -24.46	93.46 3.03 -23.24	87.81 2.99 -19.96	87.81 2.79 -24.42	90.87 2.98 -23.06	107.87 3.22 -37.54	132.43 4.47 -49.52	133.13 5.56 -40.83	106.99 4.49 -33.36	87.81 4.49 -18.25	74.39 4.31 -9.37	61.52 4.18 0.00	60.04 3.77 0.00	58.49 3.73 0.00	74.63 4.03 -14.60	79.60 4.10 -20.04	87.81 4.81 -18.95	128.78 5.64 -48.93	131.36 6.61 -38.93	126.87 5.77 -44.18	109.93 5.16 -34.09	96.67 4.44 -29.64	90.40 3.87 -30.34	79.60 3.71 -21.33
BATAVIA___115KV_TB1 55881	63.03 -4.89 0.00	61.75 -5.44 0.00	59.87 -4.99 0.00	56.18 -4.42 0.00	59.90 -4.93 0.00	62.62 -4.50 0.00	71.93 -6.51 0.00	79.03 -7.72 0.00	63.05 -6.08 0.00	59.54 -5.53 0.00	55.31 -5.40 0.00	52.29 -5.05 0.00	51.43 -4.84 0.00	50.22 -4.55 0.00	51.24 -4.76 0.00	50.62 -4.82 0.01	57.78 -5.89 0.38	67.30 -6.46 0.46	74.95 -7.12 3.75	61.57 -6.77 8.58	63.57 -6.08 1.04	57.33 -5.26 0.00	51.91 -4.27 0.00	51.12 -3.44 0.00
BAYONEEC___CTG1 323682	69.82 2.04 0.14	69.28 2.09 0.00	66.88 2.01 0.00	62.49 1.88 0.00	66.90 2.07 0.00	69.53 2.41 0.00	77.19 3.61 4.86	83.61 4.68 7.82	71.91 3.87 1.10	68.84 3.77 0.00	64.17 3.46 0.00	60.78 3.44 0.00	59.42 3.15 0.00	57.89 3.12 0.00	59.30 3.30 0.00	58.89 3.44 0.00	68.16 4.10 0.00	76.04 4.97 3.15	82.25 5.75 9.32	77.30 5.00 4.62	73.18 4.46 1.96	66.34 3.75 0.00	59.38 3.20 0.00	57.45 2.89 0.00
BAYONEEC___CTG10 323750	69.82 2.04 0.14	69.28 2.09 0.00	66.88 2.01 0.00	62.49 1.88 0.00	66.90 2.07 0.00	69.53 2.41 0.00	77.19 3.61 4.86	83.61 4.68 7.82	71.91 3.87 1.10	68.84 3.77 0.00	64.17 3.46 0.00	60.78 3.44 0.00	59.42 3.15 0.00	57.89 3.12 0.00	59.30 3.30 0.00	58.89 3.44 0.00	68.16 4.10 0.00	76.04 4.97 3.15	82.25 5.75 9.32	77.30 5.00 4.62	73.18 4.46 1.96	66.34 3.75 0.00	59.38 3.20 0.00	57.45 2.89 0.00
BAYONEEC___CTG2 323683	69.82 2.04 0.14	69.28 2.09 0.00	66.88 2.01 0.00	62.49 1.88 0.00	66.90 2.07 0.00	69.53 2.41 0.00	77.19 3.61 4.86	83.61 4.68 7.82	71.91 3.87 1.10	68.84 3.77 0.00	64.17 3.46 0.00	60.78 3.44 0.00	59.42 3.15 0.00	57.89 3.12 0.00	59.30 3.30 0.00	58.89 3.44 0.00	68.16 4.10 0.00	76.04 4.97 3.15	82.25 5.75 9.32	77.30 5.00 4.62	73.18 4.46 1.96	66.34 3.75 0.00	59.38 3.20 0.00	57.45 2.89 0.00
BAYONEEC___CTG3 323684	69.82 2.04 0.14	69.28 2.09 0.00	66.88 2.01 0.00	62.49 1.88 0.00	66.90 2.07 0.00	69.53 2.41 0.00	77.19 3.61 4.86	83.61 4.68 7.82	71.91 3.87 1.10	68.84 3.77 0.00	64.17 3.46 0.00	60.78 3.44 0.00	59.42 3.15 0.00	57.89 3.12 0.00	59.30 3.30 0.00	58.89 3.44 0.00	68.16 4.10 0.00	76.04 4.97 3.15	82.25 5.75 9.32	77.30 5.00 4.62	73.18 4.46 1.96	66.34 3.75 0.00	59.38 3.20 0.00	57.45 2.89 0.00
BAYONEEC___CTG4 323685	69.82 2.04 0.14	69.28 2.09 0.00	66.88 2.01 0.00	62.49 1.88 0.00	66.90 2.07 0.00	69.53 2.41 0.00	77.19 3.61 4.86	83.61 4.68 7.82	71.91 3.87 1.10	68.84 3.77 0.00	64.17 3.46 0.00	60.78 3.44 0.00	59.42 3.15 0.00	57.89 3.12 0.00	59.30 3.30 0.00	58.89 3.44 0.00	68.16 4.10 0.00	76.04 4.97 3.15	82.25 5.75 9.32	77.30 5.00 4.62	73.18 4.46 1.96	66.34 3.75 0.00	59.38 3.20 0.00	57.45 2.89 0.00
BAYONEEC___CTG5 323686	69.82 2.04 0.14	69.28 2.09 0.00	66.88 2.01 0.00	62.49 1.88 0.00	66.90 2.07 0.00	69.53 2.41 0.00	77.19 3.61 4.86	83.61 4.68 7.82	71.91 3.87 1.10	68.84 3.77 0.00	64.17 3.46 0.00	60.78 3.44 0.00	59.42 3.15 0.00	57.89 3.12 0.00	59.30 3.30 0.00	58.89 3.44 0.00	68.16 4.10 0.00	76.04 4.97 3.15	82.25 5.75 9.32	77.30 5.00 4.62	73.18 4.46 1.96	66.34 3.75 0.00	59.38 3.20 0.00	57.45 2.89 0.00
BAYONEEC___CTG6 323687	69.82 2.04 0.14	69.28 2.09 0.00	66.88 2.01 0.00	62.49 1.88 0.00	66.90 2.07 0.00	69.53 2.41 0.00	77.19 3.61 4.86	83.61 4.68 7.82	71.91 3.87 1.10	68.84 3.77 0.00	64.17 3.46 0.00	60.78 3.44 0.00	59.42 3.15 0.00	57.89 3.12 0.00	59.30 3.30 0.00	58.89 3.44 0.00	68.16 4.10 0.00	76.04 4.97 3.15	82.25 5.75 9.32	77.30 5.00 4.62	73.18 4.46 1.96	66.34 3.75 0.00	59.38 3.20 0.00	57.45 2.89 0.00



BAYONEEC___CTG7 323688	69.82 2.04 0.14	69.28 2.09 0.00	66.88 2.01 0.00	62.49 1.88 0.00	66.90 2.07 0.00	69.53 2.41 0.00	77.19 3.61 4.86	83.61 4.68 7.82	71.91 3.87 1.10	68.84 3.77 0.00	64.17 3.46 0.00	60.78 3.44 0.00	59.42 3.15 0.00	57.89 3.12 0.00	59.30 3.30 0.00	58.89 3.44 0.00	68.16 4.10 0.00	76.04 4.97 3.15	82.25 5.75 9.32	77.30 5.00 4.62	73.18 4.46 1.96	66.34 3.75 0.00	59.38 3.20 0.00	57.45 2.89 0.00
BAYONEEC___CTG8 323689	69.82 2.04 0.14	69.28 2.09 0.00	66.88 2.01 0.00	62.49 1.88 0.00	66.90 2.07 0.00	69.53 2.41 0.00	77.19 3.61 4.86	83.61 4.68 7.82	71.91 3.87 1.10	68.84 3.77 0.00	64.17 3.46 0.00	60.78 3.44 0.00	59.42 3.15 0.00	57.89 3.12 0.00	59.30 3.30 0.00	58.89 3.44 0.00	68.16 4.10 0.00	76.04 4.97 3.15	82.25 5.75 9.32	77.30 5.00 4.62	73.18 4.46 1.96	66.34 3.75 0.00	59.38 3.20 0.00	57.45 2.89 0.00
BAYONEEC___CTG9 323749	69.82 2.04 0.14	69.28 2.09 0.00	66.88 2.01 0.00	62.49 1.88 0.00	66.90 2.07 0.00	69.53 2.41 0.00	77.19 3.61 4.86	83.61 4.68 7.82	71.91 3.87 1.10	68.84 3.77 0.00	64.17 3.46 0.00	60.78 3.44 0.00	59.42 3.15 0.00	57.89 3.12 0.00	59.30 3.30 0.00	58.89 3.44 0.00	68.16 4.10 0.00	76.04 4.97 3.15	82.25 5.75 9.32	77.30 5.00 4.62	73.18 4.46 1.96	66.34 3.75 0.00	59.38 3.20 0.00	57.45 2.89 0.00
BEACON___LESR 323632	70.64 2.72 0.00	69.95 2.76 0.00	67.46 2.60 0.00	63.09 2.49 0.00	67.55 2.72 0.00	70.07 2.95 0.00	82.05 3.61 0.00	96.72 3.73 -6.24	72.04 2.90 0.00	68.19 3.12 0.00	63.62 2.91 0.00	60.15 2.81 0.00	58.63 2.36 0.00	57.12 2.35 0.00	58.46 2.46 0.00	57.73 2.27 0.00	66.68 2.63 0.00	79.16 3.26 -1.68	89.42 3.60 0.00	81.99 3.38 -1.69	73.79 3.11 0.00	65.28 2.69 0.00	58.43 2.25 0.00	57.13 2.56 0.00
BEAVER RIVER___HYD 24048	70.50 2.58 0.00	69.61 2.42 0.00	67.07 2.21 0.00	62.72 2.12 0.00	66.96 2.14 0.00	70.47 3.35 0.00	82.36 3.92 0.00	88.83 2.08 0.00	71.97 2.84 0.00	67.35 2.28 0.00	62.83 2.12 0.00	59.29 1.95 0.00	58.69 2.42 0.00	57.56 2.79 0.00	58.80 2.80 0.00	58.34 2.88 0.00	67.58 3.52 0.00	77.85 3.64 0.00	88.48 2.66 0.00	80.61 3.69 0.00	74.15 3.46 0.00	65.90 3.31 0.00	59.16 2.98 0.00	57.29 2.73 0.00
BEEBEE_GT_13 23619	63.78 -4.14 0.00	62.70 -4.50 0.00	60.65 -4.22 0.00	56.85 -3.76 0.00	60.68 -4.15 0.00	63.22 -3.89 0.00	72.95 -5.49 0.00	80.50 -6.25 0.00	64.23 -4.91 0.00	60.58 -4.49 0.00	56.46 -4.25 0.00	53.33 -4.01 0.00	52.50 -3.77 0.00	51.15 -3.61 0.00	52.25 -3.75 0.00	51.68 -3.77 0.00	59.10 -4.68 0.28	68.46 -5.34 0.42	77.18 -5.84 2.80	64.96 -5.54 6.42	64.82 -5.09 0.77	58.39 -4.19 0.00	52.64 -3.54 0.00	51.61 -2.95 0.00
BENSHRST_27_KV_BENSHRST_1 355998	70.91 2.99 0.00	70.29 3.09 0.00	67.78 2.85 -0.06	66.71 2.91 -3.19	67.93 3.05 -0.06	70.55 3.42 -0.01	83.52 5.02 -0.06	94.18 6.07 -1.36	187.02 5.12 -112.76	105.93 4.95 -35.92	69.71 4.55 -4.45	71.21 4.47 -9.40	77.92 4.16 -17.49	71.51 4.11 -12.64	71.37 4.31 -11.05	71.40 4.49 -11.45	143.40 5.25 -74.09	202.76 6.38 -122.17	209.88 7.38 -116.68	200.48 6.54 -117.03	193.23 5.87 -116.68	88.25 5.01 -20.66	70.28 4.33 -9.78	69.15 3.87 -10.72
BETHLEHEM___GRP 23843	69.62 1.70 0.00	68.94 1.75 0.00	66.55 1.69 0.00	62.18 1.58 0.00	66.57 1.75 0.00	68.93 1.81 0.00	80.72 2.27 0.00	95.59 2.34 -6.50	71.07 1.94 0.00	67.28 2.21 0.00	62.77 2.06 0.00	59.40 2.06 0.00	57.90 1.63 0.00	56.41 1.64 0.00	57.74 1.74 0.00	56.90 1.44 0.00	65.72 1.67 0.00	77.95 2.00 -1.73	87.88 2.06 0.00	80.70 2.08 -1.70	72.66 1.98 0.00	64.28 1.69 0.00	57.64 1.46 0.00	56.36 1.80 0.00
BETHLEHEM___GS1 323560	69.62 1.70 0.00	68.94 1.74 0.00	66.55 1.68 0.00	62.18 1.57 0.00	66.58 1.75 0.00	68.99 1.88 0.00	80.72 2.28 0.00	95.59 2.34 -6.50	71.07 1.93 0.00	67.28 2.21 0.00	62.77 2.07 0.00	59.40 2.06 0.00	57.90 1.63 0.00	56.41 1.64 0.00	57.74 1.74 0.00	56.89 1.44 0.00	65.72 1.66 0.00	77.95 2.00 -1.73	87.96 2.15 0.00	80.76 2.08 -1.76	72.66 1.98 0.00	64.28 1.69 0.00	57.64 1.46 0.00	56.36 1.80 0.00
BETHLEHEM___GS2 323561	69.62 1.70 0.00	68.94 1.74 0.00	66.55 1.68 0.00	62.18 1.57 0.00	66.58 1.75 0.00	68.99 1.88 0.00	80.72 2.28 0.00	95.59 2.34 -6.50	71.07 1.93 0.00	67.28 2.21 0.00	62.77 2.07 0.00	59.40 2.06 0.00	57.90 1.63 0.00	56.41 1.64 0.00	57.74 1.74 0.00	56.89 1.44 0.00	65.72 1.66 0.00	77.95 2.00 -1.73	87.96 2.15 0.00	80.76 2.08 -1.76	72.66 1.98 0.00	64.28 1.69 0.00	57.64 1.46 0.00	56.36 1.80 0.00
BETHLEHEM___GS3 323562	69.62 1.70 0.00	68.94 1.74 0.00	66.55 1.68 0.00	62.18 1.57 0.00	66.58 1.75 0.00	68.99 1.88 0.00	80.72 2.28 0.00	95.59 2.34 -6.50	71.07 1.93 0.00	67.28 2.21 0.00	62.77 2.07 0.00	59.40 2.06 0.00	57.90 1.63 0.00	56.41 1.64 0.00	57.74 1.74 0.00	56.89 1.44 0.00	65.72 1.66 0.00	77.95 2.00 -1.73	87.96 2.15 0.00	80.76 2.08 -1.76	72.66 1.98 0.00	64.28 1.69 0.00	57.64 1.46 0.00	56.36 1.80 0.00
BETHLEHEM___STEEL 23779	63.10 -4.82 0.00	61.89 -5.31 0.00	60.13 -4.74 0.00	56.24 -4.36 0.00	59.90 -4.93 0.00	62.42 -4.70 0.00	71.38 -7.06 0.00	78.07 -8.67 0.00	62.71 -6.43 0.00	59.34 -5.73 0.00	55.12 -5.59 0.00	52.18 -5.16 0.00	51.32 -4.95 0.00	50.06 -4.71 0.00	51.02 -4.98 0.00	50.29 -5.16 0.01	57.03 -6.53 0.49	66.19 -7.42 0.61	72.62 -8.32 4.87	58.01 -7.77 11.14	62.40 -6.93 1.36	56.64 -5.95 0.00	51.40 -4.78 0.00	50.91 -3.66 0.00
BETHLHEM_115KV_TB1 79974	69.55 1.63 0.00	68.94 1.75 0.00	66.55 1.69 0.00	62.18 1.58 0.00	66.57 1.75 0.00	68.93 1.81 0.00	80.72 2.27 0.00	95.39 2.43 -6.21	71.07 1.94 0.00	67.28 2.21 0.00	62.77 2.06 0.00	59.40 2.06 0.00	57.90 1.63 0.00	56.41 1.64 0.00	57.74 1.74 0.00	57.01 1.55 0.00	65.79 1.73 0.00	78.05 2.15 -1.68	88.05 2.23 0.00	80.69 2.15 -1.61	72.73 2.05 0.00	64.34 1.75 0.00	57.70 1.52 0.00	56.36 1.80 0.00
BETHPAGE_CC_5 323564	95.58 3.19 -24.46	93.60 3.16 -23.24	87.87 3.05 -19.96	87.87 2.85 -24.42	91.06 3.18 -23.06	108.14 3.49 -37.54	132.75 4.79 -49.52	133.48 5.90 -40.83	107.26 4.77 -33.36	87.94 4.62 -18.25	74.45 4.37 -9.37	61.64 4.30 0.00	60.15 3.88 0.00	58.60 3.83 0.00	74.74 4.14 -14.60	79.66 4.16 -20.04	87.87 4.87 -18.95	129.00 5.86 -48.93	131.62 6.87 -38.93	127.10 6.00 -44.18	110.15 5.37 -34.09	96.86 4.63 -29.64	90.51 3.99 -30.34	79.54 3.66 -21.33
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	63.51 -4.42 0.00	62.36 -4.84 0.00	60.52 -4.35 0.00	56.60 -4.00 0.00	60.22 -4.60 0.00	62.75 -4.36 0.00	71.85 -6.59 0.00	78.59 -8.15 0.00	63.19 -5.95 0.00	59.80 -5.27 0.00	55.55 -5.16 0.00	52.52 -4.82 0.00	51.65 -4.61 0.00	50.38 -4.38 0.00	51.35 -4.65 0.00	50.62 -4.82 0.01	57.47 -6.09 0.50	66.69 -6.90 0.62	73.13 -7.72 4.97	58.33 -7.23 11.36	62.87 -6.43 1.39	57.02 -5.57 0.00	51.74 -4.44 0.00	51.23 -3.33 0.00



BINGHAMTON___COGEN 23790	67.11 -0.82 0.00	66.26 -0.94 0.00	64.02 -0.84 0.00	59.88 -0.73 0.00	64.05 -0.78 0.00	66.44 -0.67 0.00	77.58 -0.86 0.00	86.28 -1.04 -0.57	68.03 -1.11 0.00	64.09 -0.98 0.00	59.68 -1.03 0.00	56.42 -0.92 0.00	55.37 -0.90 0.00	53.89 -0.88 0.00	55.10 -0.90 0.00	54.56 -0.89 0.00	63.00 -0.83 0.22	73.33 -0.82 0.07	82.80 -0.77 2.25	71.08 -0.85 4.99	69.21 -0.85 0.62	61.84 -0.75 0.00	55.56 -0.62 0.00	54.12 -0.44 0.00
BIXINCNT_115KV_LOAD 355685	65.00 -2.92 0.00	63.64 -3.56 0.00	61.75 -3.11 0.00	57.51 -3.09 0.00	61.06 -3.76 0.00	63.36 -3.76 0.00	72.79 -5.65 0.00	79.46 -7.29 0.00	64.02 -5.12 0.00	60.32 -4.75 0.00	55.79 -4.92 0.00	52.70 -4.64 0.00	51.54 -4.73 0.00	50.22 -4.55 0.00	51.07 -4.93 0.00	50.23 -5.21 0.01	57.29 -6.21 0.55	66.33 -7.20 0.69	72.26 -8.07 5.49	56.83 -7.54 12.55	62.44 -6.71 1.53	56.70 -5.88 0.00	51.69 -4.49 0.00	51.34 -3.22 0.00
BLACK RIVER___HYD 24047	70.91 2.99 0.00	69.95 2.76 0.00	67.46 2.60 0.00	63.09 2.49 0.00	67.35 2.53 0.00	70.81 3.69 0.00	82.91 4.47 0.00	90.22 3.47 0.00	72.46 3.32 0.00	67.80 2.73 0.00	63.20 2.49 0.00	59.57 2.23 0.00	58.86 2.59 0.00	57.72 2.96 0.00	58.97 2.97 0.00	58.61 3.16 0.00	68.09 4.04 0.00	78.74 4.53 0.00	90.19 4.37 0.00	81.69 4.77 0.00	74.92 4.24 0.00	66.47 3.88 0.00	59.44 3.26 0.00	57.50 2.94 0.00
BLACKRVR_115KV_TB2 79977	70.91 2.99 0.00	69.95 2.76 0.00	67.46 2.59 0.00	63.09 2.48 0.00	67.35 2.53 0.00	70.81 3.69 0.00	82.91 4.47 0.00	91.35 4.60 0.00	72.46 3.32 0.00	67.80 2.73 0.00	63.20 2.49 0.00	59.58 2.24 0.00	58.86 2.59 0.00	57.72 2.96 0.00	58.97 2.97 0.00	58.61 3.16 0.00	68.16 4.10 0.00	78.74 4.53 0.00	91.22 5.41 0.00	81.61 4.69 0.00	74.93 4.24 0.00	66.47 3.88 0.00	59.44 3.26 0.00	57.51 2.95 0.00
BLISS_WT_PWR 323608	65.00 -2.92 0.00	63.63 -3.56 0.00	61.88 -2.98 0.00	57.39 -3.21 0.00	60.87 -3.96 0.00	62.95 -4.16 0.00	72.48 -5.96 0.00	79.64 -7.11 0.00	63.82 -5.32 0.00	59.93 -5.14 0.00	55.37 -5.34 0.00	52.35 -4.99 0.00	51.09 -5.18 0.00	49.78 -4.98 0.00	50.62 -5.38 0.00	49.73 -5.71 0.01	56.78 -6.72 0.55	65.66 -7.87 0.69	71.49 -8.84 5.49	56.14 -8.23 12.55	61.88 -7.28 1.53	56.20 -6.38 0.00	51.52 -4.66 0.00	50.96 -3.60 0.00
BLUESTONE___WT_PWR 323821	71.39 3.46 0.00	70.49 3.29 0.00	68.11 3.24 0.00	63.69 3.09 0.00	68.06 3.24 0.00	70.87 3.76 0.00	83.15 4.71 0.00	92.84 5.03 -1.06	72.73 3.59 0.00	68.45 3.38 0.00	63.68 2.97 0.00	60.04 2.70 0.00	58.69 2.42 0.00	57.34 2.57 0.00	58.52 2.52 0.00	58.12 2.66 0.00	67.70 3.39 -0.25	79.05 4.08 -0.76	93.47 5.15 -2.50	87.40 4.46 -6.02	75.19 3.81 -0.69	65.90 3.31 0.00	58.99 2.81 0.00	57.23 2.67 0.00
BLUE_CIRC_CHEM_DRP 24182	70.03 2.11 0.00	69.35 2.15 0.00	66.94 2.08 0.00	62.54 1.94 0.00	66.96 2.14 0.00	69.33 2.21 0.00	81.11 2.67 0.00	94.37 2.78 -4.85	71.35 2.21 0.00	67.41 2.34 0.00	62.83 2.12 0.00	59.46 2.12 0.00	58.01 1.74 0.00	56.52 1.75 0.00	57.90 1.90 0.00	57.28 1.83 0.00	66.17 2.11 0.00	78.24 2.60 -1.43	88.82 3.00 0.00	80.74 2.62 -1.21	73.23 2.54 0.00	64.78 2.19 0.00	58.09 1.91 0.00	56.63 2.07 0.00
BOC_GAS_DRP 24189	69.35 1.43 0.00	68.68 1.48 0.00	66.36 1.49 0.00	62.00 1.39 0.00	66.32 1.49 0.00	68.66 1.54 0.00	80.48 2.04 0.00	93.67 2.34 -4.57	71.07 1.94 0.00	67.15 2.08 0.00	62.65 1.94 0.00	59.23 1.89 0.00	57.79 1.52 0.00	56.30 1.53 0.00	57.62 1.62 0.00	57.06 1.61 0.00	65.91 1.86 0.00	77.83 2.23 -1.39	88.31 2.49 0.00	80.33 2.31 -1.11	72.80 2.12 0.00	64.40 1.82 0.00	57.75 1.57 0.00	56.20 1.64 0.00
BOONVILLE_115KV_TB1 79983	70.03 2.11 0.00	69.21 2.02 0.00	66.75 1.88 0.00	62.42 1.82 0.00	66.70 1.88 0.00	69.67 2.55 0.00	81.58 3.14 0.00	89.96 3.21 0.00	71.63 2.49 0.00	66.96 1.89 0.00	62.47 1.76 0.00	58.95 1.61 0.00	58.24 1.97 0.00	56.96 2.19 0.00	58.18 2.18 0.00	57.67 2.22 0.00	66.81 2.75 0.00	77.33 3.12 0.00	89.51 3.69 0.00	80.15 3.23 0.00	73.58 2.90 0.00	65.22 2.63 0.00	58.37 2.19 0.00	56.63 2.07 0.00
BORALEX_4TH_BRANCH 23824	71.66 3.74 0.00	70.89 3.70 0.00	68.43 3.57 0.00	63.94 3.33 0.00	68.52 3.69 0.00	71.01 3.89 0.00	83.54 5.10 0.00	102.54 6.07 -9.71	73.98 4.84 0.00	69.95 4.88 0.00	65.20 4.49 0.00	61.64 4.30 0.00	60.09 3.83 0.00	58.49 3.72 0.00	59.86 3.86 0.00	59.39 3.94 0.00	68.60 4.55 0.00	82.15 5.64 -2.29	92.43 6.61 0.00	85.45 5.85 -2.69	75.99 5.30 0.00	67.16 4.57 0.00	60.22 4.04 0.00	58.38 3.82 0.00
BOWLINE___1 23526	69.55 1.63 0.00	68.88 1.68 0.00	66.49 1.62 0.00	62.12 1.52 0.00	66.58 1.75 0.00	69.06 1.95 0.00	81.35 2.90 0.00	91.82 3.81 -1.26	72.18 3.04 0.00	68.06 2.99 0.00	63.50 2.79 0.00	60.09 2.75 0.00	58.74 2.47 0.00	57.29 2.52 0.00	58.63 2.63 0.00	58.23 2.77 0.00	67.32 3.27 0.00	78.91 4.00 -0.69	90.45 4.63 0.00	81.33 4.07 -0.34	74.29 3.60 0.00	65.72 3.13 0.00	58.82 2.64 0.00	56.96 2.40 0.00
BOWLINE___2 23595	69.49 1.56 0.00	68.74 1.55 0.00	66.42 1.55 0.00	62.06 1.45 0.00	66.51 1.68 0.00	68.99 1.88 0.00	81.19 2.74 0.00	91.65 3.64 -1.26	72.11 2.97 0.00	68.00 2.93 0.00	63.44 2.73 0.00	60.04 2.70 0.00	58.69 2.42 0.00	57.23 2.47 0.00	58.58 2.58 0.00	58.17 2.72 0.00	67.26 3.20 0.00	78.76 3.86 -0.69	90.36 4.55 0.00	81.18 3.92 -0.34	74.15 3.46 0.00	65.65 3.07 0.00	58.77 2.59 0.00	56.96 2.40 0.00
BRADY___115KV_TB2 356060	71.12 3.19 0.00	70.36 3.16 0.00	67.78 2.92 0.00	63.27 2.67 0.00	67.42 2.59 0.00	70.14 3.02 0.00	81.11 2.67 0.00	88.74 2.00 0.00	70.80 1.66 0.00	66.44 1.37 0.00	62.11 1.40 0.00	58.54 1.20 0.00	57.90 1.63 0.00	56.46 1.70 0.00	57.57 1.57 0.00	56.90 1.44 0.00	65.66 1.60 0.00	75.40 1.19 0.00	86.85 1.03 0.00	78.07 1.15 0.00	72.10 1.41 0.00	64.21 1.63 0.00	57.81 1.63 0.00	56.03 1.47 0.00
BRANSCOMB___SOLAR 323811	71.86 3.94 0.00	71.09 3.90 0.00	68.50 3.63 0.00	64.12 3.51 0.00	68.65 3.82 0.00	71.28 4.16 0.00	83.70 5.26 0.00	106.62 7.20 -12.67	74.05 4.91 0.00	70.01 4.94 0.00	65.14 4.43 0.00	61.64 4.30 0.00	59.98 3.71 0.00	58.43 3.67 0.00	59.86 3.86 0.00	59.45 3.99 0.00	68.80 4.74 0.00	82.97 5.94 -2.81	92.77 6.95 0.00	86.48 6.16 -3.40	76.20 5.52 0.00	67.41 4.82 0.00	60.34 4.16 0.00	58.54 3.98 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	96.73 4.35 -24.46	94.81 4.37 -23.24	88.98 4.15 -19.96	88.90 3.88 -24.42	92.16 4.28 -23.06	109.35 4.70 -37.54	134.16 6.20 -49.52	134.86 7.29 -40.83	108.58 6.08 -33.36	88.98 5.66 -18.25	75.12 5.04 -9.37	62.21 4.87 0.00	60.71 4.45 0.00	59.15 4.38 0.00	75.36 4.76 -14.60	80.49 4.99 -20.04	88.77 5.77 -18.95	130.12 6.98 -48.93	132.73 7.98 -38.93	128.24 7.15 -44.17	111.21 6.43 -34.09	97.86 5.63 -29.64	91.36 4.83 -30.34	80.31 4.42 -21.33



BRISTLHL_115KV_TB1 79998	67.11 -0.82 0.00	66.19 -1.01 0.00	63.96 -0.91 0.00	59.82 -0.79 0.00	64.05 -0.78 0.00	66.58 -0.54 0.00	77.97 -0.47 0.00	86.31 -0.43 0.00	68.66 -0.48 0.00	64.42 -0.65 0.00	60.10 -0.61 0.00	56.82 -0.52 0.00	55.99 -0.28 0.00	54.55 -0.22 0.00	55.78 -0.22 0.00	55.29 -0.17 0.00	63.99 -0.06 0.00	74.22 0.00 0.00	85.99 0.17 0.00	76.92 0.00 0.00	70.54 -0.14 0.00	62.53 -0.06 0.00	56.07 -0.11 0.00	54.40 -0.16 0.00
BROOKHAVEN___DRP 24191	96.94 4.55 -24.46	95.07 4.64 -23.24	89.30 4.48 -19.96	89.20 4.18 -24.42	92.49 4.60 -23.06	109.69 5.03 -37.54	134.55 6.59 -49.52	135.30 7.72 -40.83	108.72 6.22 -33.36	88.98 5.66 -18.25	75.00 4.92 -9.37	62.04 4.70 0.00	60.49 4.22 0.00	58.87 4.11 0.00	75.08 4.48 -14.60	80.27 4.77 -20.04	88.51 5.51 -18.95	130.12 6.98 -48.93	132.73 7.98 -38.93	128.17 7.08 -44.17	111.07 6.29 -34.09	97.61 5.38 -29.64	91.19 4.66 -30.34	80.14 4.26 -21.33
BROOKLYN_NAVY_YARD 23515	69.82 1.90 0.00	69.15 1.95 0.00	66.68 1.81 0.00	62.30 1.69 0.00	66.77 1.94 0.00	69.46 2.35 0.00	82.05 3.61 0.00	92.73 4.68 -1.30	73.01 3.87 0.00	68.84 3.77 0.00	64.23 3.52 0.00	60.78 3.44 0.00	59.42 3.15 0.00	57.94 3.18 0.00	59.36 3.36 0.00	58.95 3.50 0.00	68.16 4.10 0.00	79.98 5.05 -0.71	91.66 5.84 0.00	82.35 5.08 -0.35	75.21 4.53 0.00	66.41 3.82 0.00	59.32 3.14 0.00	57.40 2.84 0.00
BROOKLYN___ARMY_DRP 323595	70.71 2.78 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.47 2.67 -3.19	67.73 2.85 -0.06	70.28 3.15 -0.01	83.20 4.71 -0.06	93.83 5.73 -1.36	186.74 4.84 -112.76	105.67 4.68 -35.92	69.46 4.31 -4.45	70.93 4.19 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.17 4.27 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.10 6.15 -117.03	192.88 5.51 -116.68	87.94 4.69 -20.66	70.06 4.10 -9.78	68.93 3.66 -10.72
BROOKVLE_69_KV_TB1 55790	96.12 3.74 -24.46	94.13 3.70 -23.24	88.39 3.57 -19.96	88.35 3.33 -24.42	91.52 3.63 -23.06	108.55 3.89 -37.54	133.30 5.33 -49.52	134.00 6.42 -40.83	107.75 5.25 -33.36	88.46 5.14 -18.25	74.82 4.74 -9.37	61.93 4.59 0.00	60.49 4.22 0.00	58.93 4.16 0.00	75.08 4.48 -14.60	80.10 4.60 -20.04	88.38 5.38 -18.95	129.60 6.46 -48.93	132.22 7.47 -38.93	127.78 6.69 -44.17	110.71 5.94 -34.09	97.30 5.07 -29.64	91.08 4.55 -30.34	80.03 4.15 -21.33
BROOME_2_LFGE 323671	67.11 -0.81 0.00	66.26 -0.94 0.00	64.09 -0.78 0.00	59.88 -0.72 0.00	64.05 -0.77 0.00	66.44 -0.67 0.00	77.58 -0.86 0.00	86.37 -0.95 -0.57	68.10 -1.04 0.00	64.09 -0.97 0.00	59.68 -1.03 0.00	56.42 -0.92 0.00	55.36 -0.90 0.00	53.89 -0.88 0.00	55.10 -0.90 0.00	54.56 -0.89 0.00	63.00 -0.83 0.22	73.33 -0.81 0.07	82.80 -0.77 2.25	71.08 -0.84 4.99	69.22 -0.85 0.62	61.84 -0.75 0.00	55.62 -0.56 0.00	54.12 -0.44 0.00
BROOME___LFGE 323600	67.11 -0.81 0.00	66.26 -0.94 0.00	64.09 -0.78 0.00	59.88 -0.72 0.00	64.05 -0.77 0.00	66.44 -0.67 0.00	77.58 -0.86 0.00	86.37 -0.95 -0.57	68.10 -1.04 0.00	64.09 -0.97 0.00	59.68 -1.03 0.00	56.42 -0.92 0.00	55.36 -0.90 0.00	53.89 -0.88 0.00	55.10 -0.90 0.00	54.56 -0.89 0.00	63.00 -0.83 0.22	73.33 -0.81 0.07	82.80 -0.77 2.25	71.08 -0.84 4.99	69.22 -0.85 0.62	61.84 -0.75 0.00	55.62 -0.56 0.00	54.12 -0.44 0.00
BROWNFLS_115KV_TB_3_5 80003	70.44 2.51 0.00	69.68 2.49 0.00	67.07 2.21 0.00	62.66 2.06 0.00	66.77 1.94 0.00	70.87 3.76 0.00	82.21 3.77 0.00	89.87 3.12 0.00	71.49 2.35 0.00	67.02 1.95 0.00	62.71 2.00 0.00	59.35 2.01 0.00	58.97 2.70 0.00	57.89 3.12 0.00	59.08 3.08 0.00	58.50 3.05 0.00	67.51 3.46 0.00	77.26 3.04 0.00	88.91 3.09 0.00	79.77 2.85 0.00	73.65 2.97 0.00	65.90 3.32 0.00	59.38 3.20 0.00	57.51 2.95 0.00
BROWNSV1_27_KV_LOAD 356125	70.64 2.72 0.00	69.89 2.69 0.00	67.40 2.53 0.00	62.97 2.36 0.00	67.48 2.66 0.00	70.07 2.95 0.00	82.84 4.39 0.00	93.51 5.47 -1.30	73.70 4.56 0.00	69.49 4.42 0.00	64.78 4.07 0.00	61.35 4.01 0.00	59.98 3.71 0.00	58.43 3.67 0.00	59.86 3.86 0.00	59.50 4.05 0.00	68.80 4.74 0.00	80.72 5.79 -0.71	92.43 6.61 0.00	83.19 5.92 -0.35	75.91 5.23 0.00	67.03 4.44 0.00	60.00 3.82 0.00	57.94 3.38 0.00
BURROWS___LYONSDAL 23803	70.10 2.17 0.00	69.35 2.15 0.00	66.88 2.01 0.00	62.54 1.94 0.00	66.77 1.94 0.00	69.87 2.75 0.00	81.74 3.29 0.00	90.13 3.38 0.00	71.77 2.63 0.00	67.09 2.02 0.00	62.59 1.88 0.00	59.00 1.66 0.00	58.35 2.08 0.00	57.07 2.30 0.00	58.30 2.30 0.00	57.84 2.38 0.00	67.00 2.95 0.00	77.48 3.27 0.00	89.59 3.78 0.00	80.30 3.38 0.00	73.72 3.04 0.00	65.34 2.75 0.00	58.54 2.36 0.00	56.74 2.18 0.00
CAITHNESS_CC_1 323624	96.53 4.14 -24.46	94.67 4.24 -23.24	88.91 4.09 -19.96	88.84 3.82 -24.42	92.10 4.21 -23.06	109.28 4.63 -37.54	134.00 6.04 -49.52	134.87 7.29 -40.83	108.30 5.81 -33.36	88.66 5.34 -18.25	74.76 4.67 -9.37	61.82 4.48 0.00	60.26 4.00 0.00	58.71 3.95 0.00	74.91 4.31 -14.60	80.04 4.55 -20.04	88.26 5.25 -18.95	129.67 6.53 -48.93	132.21 7.46 -38.93	127.71 6.62 -44.18	110.72 5.94 -34.09	97.29 5.07 -29.64	90.85 4.33 -30.34	79.87 3.98 -21.33
CALPINE BETH_PAGE_GT4 24209	95.44 3.06 -24.46	93.46 3.02 -23.24	87.74 2.92 -19.96	87.75 2.73 -24.42	90.87 2.98 -23.06	107.94 3.29 -37.54	132.59 4.63 -49.52	133.22 5.64 -40.83	107.13 4.63 -33.36	87.81 4.49 -18.25	74.45 4.37 -9.37	61.58 4.24 0.00	60.09 3.83 0.00	58.54 3.78 0.00	74.69 4.09 -14.60	79.54 4.05 -20.04	87.74 4.74 -18.95	128.93 5.79 -48.93	131.45 6.69 -38.93	127.01 5.92 -44.17	110.08 5.30 -34.09	96.73 4.51 -29.64	90.46 3.93 -30.34	79.49 3.60 -21.33
CALPINE_BETH_PAGE_GT_4 323586	95.45 3.06 -24.46	93.46 3.03 -23.24	87.75 2.92 -19.96	87.75 2.73 -24.42	90.93 3.05 -23.06	108.01 3.35 -37.54	132.59 4.63 -49.52	133.30 5.72 -40.83	107.13 4.63 -33.36	87.81 4.49 -18.25	74.45 4.37 -9.37	61.58 4.24 0.00	60.10 3.83 0.00	58.54 3.78 0.00	74.69 4.09 -14.60	79.49 3.99 -20.04	87.74 4.74 -18.95	128.93 5.79 -48.93	131.53 6.78 -38.93	127.02 5.92 -44.18	110.08 5.30 -34.09	96.73 4.51 -29.64	90.40 3.87 -30.34	79.43 3.54 -21.33
CALPINE_BP_GT1 23823	95.45 3.06 -24.46	93.46 3.03 -23.24	87.75 2.92 -19.96	87.75 2.73 -24.42	90.93 3.05 -23.06	108.01 3.35 -37.54	132.59 4.63 -49.52	133.30 5.72 -40.83	107.13 4.63 -33.36	87.81 4.49 -18.25	74.45 4.37 -9.37	61.58 4.24 0.00	60.10 3.83 0.00	58.54 3.78 0.00	74.69 4.09 -14.60	79.49 3.99 -20.04	87.74 4.74 -18.95	128.93 5.79 -48.93	131.53 6.78 -38.93	127.02 5.92 -44.18	110.08 5.30 -34.09	96.73 4.51 -29.64	90.40 3.87 -30.34	79.43 3.54 -21.33
CALSPAN___DRP 24200	63.10 -4.82 0.00	61.89 -5.31 0.00	60.13 -4.74 0.00	56.24 -4.36 0.00	59.90 -4.93 0.00	62.42 -4.70 0.00	71.38 -7.06 0.00	78.07 -8.67 0.00	62.71 -6.43 0.00	59.34 -5.73 0.00	55.12 -5.59 0.00	52.18 -5.16 0.00	51.32 -4.95 0.00	50.06 -4.71 0.00	51.02 -4.98 0.00	50.29 -5.16 0.01	57.03 -6.53 0.49	66.19 -7.42 0.61	72.62 -8.32 4.87	58.01 -7.77 11.14	62.40 -6.93 1.36	56.64 -5.95 0.00	51.40 -4.78 0.00	50.91 -3.66 0.00



CALVERTON___SOLAR 323806	97.21 4.82 -24.46	95.34 4.90 -23.24	89.56 4.73 -19.96	89.44 4.42 -24.42	92.75 4.86 -23.06	110.02 5.37 -37.54	134.87 6.90 -49.52	135.82 8.25 -40.83	108.99 6.50 -33.36	89.18 5.86 -18.25	75.18 5.10 -9.37	62.16 4.82 0.00	60.60 4.33 0.00	58.98 4.22 0.00	75.19 4.59 -14.60	80.38 4.88 -20.04	88.70 5.70 -18.95	130.34 7.20 -48.93	132.99 8.24 -38.93	128.33 7.23 -44.18	111.28 6.50 -34.09	97.73 5.51 -29.64	91.24 4.72 -30.34	80.31 4.42 -21.33
CANDIGU_WT_PWR 323617	65.20 -2.72 0.00	64.11 -3.09 0.00	62.14 -2.72 0.00	58.06 -2.54 0.00	61.91 -2.92 0.00	64.23 -2.88 0.00	74.44 -4.00 0.00	82.34 -4.77 -0.36	64.85 -4.29 0.00	60.97 -4.10 0.00	56.58 -4.13 0.00	53.44 -3.90 0.00	52.55 -3.72 0.00	51.04 -3.73 0.00	52.08 -3.92 0.00	51.44 -3.99 0.02	58.66 -4.55 0.85	68.22 -4.90 1.10	71.71 -5.58 8.53	52.39 -5.08 19.45	63.65 -4.67 2.36	58.52 -4.07 0.00	52.98 -3.20 0.00	51.94 -2.62 0.00
CARR STREET_E_SYR 24060	65.89 -2.04 0.00	65.04 -2.15 0.00	62.85 -2.01 0.00	58.79 -1.82 0.00	62.88 -1.94 0.00	65.24 -1.88 0.00	76.33 -2.11 0.00	84.58 -2.17 0.00	67.28 -1.86 0.00	63.38 -1.69 0.00	59.07 -1.64 0.00	55.85 -1.49 0.00	54.92 -1.35 0.00	53.51 -1.26 0.00	54.71 -1.29 0.00	54.23 -1.22 0.00	62.46 -1.60 0.00	72.43 -1.78 0.00	83.85 -1.97 0.00	75.07 -1.85 0.00	68.92 -1.76 0.00	61.21 -1.38 0.00	55.00 -1.18 0.00	53.41 -1.15 0.00
CARTHAGE___PAPER 23857	70.71 2.79 0.00	69.82 2.62 0.00	67.27 2.40 0.00	62.91 2.30 0.00	67.15 2.33 0.00	70.67 3.55 0.00	82.68 4.23 0.00	89.52 2.78 0.00	72.25 3.11 0.00	67.60 2.54 0.00	63.02 2.31 0.00	59.40 2.06 0.00	58.74 2.47 0.00	57.61 2.85 0.00	58.80 2.80 0.00	58.45 2.99 0.00	67.83 3.78 0.00	78.22 4.00 0.00	89.25 3.44 0.00	81.07 4.15 0.00	74.50 3.81 0.00	66.15 3.57 0.00	59.27 3.09 0.00	57.34 2.78 0.00
CASSADAGA_WT_PWR 323784	65.00 -2.92 0.00	63.57 -3.63 0.00	61.88 -2.98 0.00	57.70 -2.91 0.00	61.45 -3.37 0.00	63.90 -3.22 0.00	73.58 -4.86 0.00	81.19 -5.55 0.00	64.71 -4.43 0.00	61.17 -3.90 0.00	56.58 -4.13 0.00	53.61 -3.73 0.00	52.16 -4.11 0.00	50.88 -3.89 0.00	52.30 -3.70 0.00	51.62 -3.83 0.01	58.32 -5.19 0.54	67.75 -5.79 0.68	73.97 -6.44 5.41	58.46 -6.08 12.38	63.87 -5.30 1.51	57.89 -4.70 0.00	52.70 -3.48 0.00	51.94 -2.62 0.00
CE_DUNWOOD___DRP 24194	70.10 2.17 0.00	69.35 2.15 0.00	67.01 2.14 0.00	62.54 1.94 0.00	67.03 2.20 0.00	69.53 2.42 0.00	82.05 3.61 0.00	92.56 4.51 -1.30	72.87 3.73 0.00	68.71 3.64 0.00	64.05 3.34 0.00	60.61 3.27 0.00	59.25 2.98 0.00	57.72 2.96 0.00	59.14 3.14 0.00	58.78 3.33 0.00	67.90 3.84 0.00	79.67 4.75 -0.71	91.31 5.49 0.00	82.11 4.85 -0.35	75.00 4.31 0.00	66.28 3.69 0.00	59.38 3.20 0.00	57.40 2.84 0.00
CE_MILLWOOD___DRP 24193	70.03 2.11 0.00	69.28 2.08 0.00	66.88 2.01 0.00	62.48 1.88 0.00	66.90 2.07 0.00	69.47 2.35 0.00	81.89 3.45 0.00	92.38 4.34 -1.29	72.73 3.60 0.00	68.52 3.45 0.00	63.87 3.16 0.00	60.49 3.15 0.00	59.14 2.87 0.00	57.61 2.85 0.00	59.02 3.02 0.00	58.61 3.16 0.00	67.77 3.72 0.00	79.45 4.53 -0.71	91.05 5.23 0.00	81.96 4.69 -0.34	74.85 4.17 0.00	66.09 3.50 0.00	59.27 3.09 0.00	57.29 2.73 0.00
CE_NYC2_DRP 24202	70.30 2.38 0.00	69.55 2.35 0.00	67.14 2.27 0.00	62.85 2.24 0.00	67.22 2.40 0.00	69.80 2.68 0.00	82.60 4.16 0.00	93.25 5.20 -1.30	89.57 4.42 -16.01	74.39 4.23 -5.09	65.22 3.89 -0.62	62.51 3.84 -1.33	62.29 3.54 -2.48	60.06 3.50 -1.79	61.26 3.70 -1.56	60.95 3.88 -1.62	79.12 4.55 -10.52	97.74 5.57 -17.95	108.73 6.35 -16.57	99.45 5.62 -16.91	92.27 5.02 -16.57	66.84 4.26 0.00	60.25 3.71 -0.36	57.83 3.27 0.00
CE_NYC_DRP 24195	70.16 2.24 0.00	69.41 2.22 0.00	67.01 2.14 0.00	62.60 2.00 0.00	67.03 2.20 0.00	69.60 2.48 0.00	82.29 3.84 0.00	92.91 4.86 -1.30	73.22 4.08 0.00	69.04 3.97 0.00	64.35 3.64 0.00	60.90 3.56 0.00	59.53 3.26 0.00	58.05 3.29 0.00	59.42 3.42 0.00	59.06 3.60 0.00	68.28 4.23 0.00	80.12 5.20 -0.71	91.74 5.92 0.00	82.50 5.23 -0.35	75.35 4.67 0.00	66.53 3.94 0.00	59.55 3.37 0.00	57.56 3.00 0.00
CHAFFEE___LFGE 323603	63.51 -4.41 0.00	62.29 -4.90 0.00	60.65 -4.22 0.00	56.60 -4.00 0.00	60.28 -4.54 0.00	62.62 -4.50 0.00	71.93 -6.51 0.00	79.20 -7.55 0.00	63.33 -5.81 0.00	59.80 -5.27 0.00	55.49 -5.22 0.00	52.58 -4.76 0.00	51.71 -4.56 0.00	50.44 -4.33 0.00	51.35 -4.65 0.00	50.67 -4.77 0.01	57.51 -6.02 0.52	66.81 -6.75 0.65	73.00 -7.64 5.18	57.91 -7.15 11.86	62.95 -6.29 1.44	57.08 -5.51 0.00	52.08 -4.10 0.00	51.23 -3.33 0.00
CHATEAUG_35_KV_LOAD 355732	70.57 2.65 0.00	69.82 2.62 0.00	67.20 2.34 0.00	62.54 1.94 0.00	66.77 1.94 0.00	69.06 1.95 0.00	79.54 1.10 0.00	87.18 0.43 0.00	69.69 0.55 0.00	65.52 0.46 0.00	61.19 0.49 0.00	57.57 0.23 0.00	56.49 0.23 0.00	54.66 -0.11 0.00	55.61 -0.39 0.00	54.73 -0.72 0.00	62.97 -1.09 0.00	72.36 -1.86 0.00	83.33 -2.49 0.00	75.00 -1.92 0.00	69.13 -1.56 0.00	61.34 -1.25 0.00	55.22 -0.96 0.00	53.63 -0.93 0.00
CHATEAUG_WT_PWR 323614	70.30 2.38 0.00	69.55 2.35 0.00	66.94 2.08 0.00	62.36 1.76 0.00	66.58 1.75 0.00	68.93 1.81 0.00	79.31 0.86 0.00	86.58 -0.17 0.00	69.56 0.42 0.00	65.46 0.39 0.00	61.08 0.37 0.00	57.51 0.17 0.00	56.32 0.06 0.00	54.44 -0.33 0.00	55.39 -0.61 0.00	54.46 -1.00 0.00	62.58 -1.47 0.00	71.84 -2.38 0.00	82.73 -3.09 0.00	74.46 -2.46 0.00	68.63 -2.05 0.00	60.84 -1.75 0.00	54.72 -1.46 0.00	53.31 -1.25 0.00
CHAT_HIGH_FALL_HYD 323578	70.57 2.65 0.00	69.82 2.62 0.00	67.20 2.34 0.00	62.54 1.94 0.00	66.77 1.94 0.00	69.06 1.95 0.00	79.54 1.10 0.00	87.18 0.43 0.00	69.69 0.55 0.00	65.52 0.46 0.00	61.19 0.49 0.00	57.57 0.23 0.00	56.49 0.23 0.00	54.66 -0.11 0.00	55.61 -0.39 0.00	54.73 -0.72 0.00	62.97 -1.09 0.00	72.36 -1.86 0.00	83.33 -2.49 0.00	75.00 -1.92 0.00	69.13 -1.56 0.00	61.34 -1.25 0.00	55.22 -0.96 0.00	53.63 -0.93 0.00
CHAUTAUQUA___LFGE 323629	64.05 -3.87 0.00	62.76 -4.44 0.00	61.04 -3.83 0.00	56.91 -3.70 0.00	60.61 -4.21 0.00	63.02 -4.10 0.00	72.48 -5.96 0.00	79.98 -6.77 0.00	63.61 -5.53 0.00	60.06 -5.01 0.00	55.67 -5.04 0.00	52.75 -4.59 0.00	51.71 -4.56 0.00	50.44 -4.33 0.00	51.52 -4.48 0.00	50.84 -4.60 0.01	57.64 -5.89 0.52	66.96 -6.61 0.65	73.28 -7.38 5.16	58.19 -6.92 11.81	63.17 -6.08 1.44	57.27 -5.32 0.00	52.19 -3.99 0.00	51.39 -3.17 0.00
CHERRYST_13_KV_LD 356241	70.30 2.38 0.00	69.55 2.35 0.00	67.14 2.27 0.00	62.73 2.12 0.00	67.22 2.40 0.00	69.80 2.68 0.00	82.52 4.08 0.00	93.17 5.12 -1.30	73.43 4.29 0.00	69.23 4.16 0.00	64.53 3.82 0.00	61.12 3.78 0.00	59.76 3.49 0.00	58.22 3.45 0.00	59.64 3.64 0.00	59.28 3.83 0.00	68.48 4.42 0.00	80.34 5.42 -0.71	92.00 6.18 0.00	82.73 5.46 -0.35	75.56 4.88 0.00	66.66 4.07 0.00	59.72 3.54 0.00	57.67 3.11 0.00



CHESTROR_138KV_BK263 355645	69.49 1.56 0.00	68.81 1.61 0.00	66.42 1.56 0.00	62.06 1.45 0.00	66.45 1.62 0.00	68.93 1.81 0.00	81.19 2.75 0.00	91.33 3.38 -1.20	71.90 2.77 0.00	67.74 2.67 0.00	63.14 2.43 0.00	59.75 2.41 0.00	58.41 2.14 0.00	56.90 2.14 0.00	58.30 2.30 0.00	57.89 2.44 0.00	67.00 2.95 0.00	78.51 3.64 -0.66	90.02 4.21 0.00	81.01 3.77 -0.32	74.01 3.32 0.00	65.40 2.82 0.00	58.65 2.47 0.00	56.74 2.18 0.00
CH_MIDHUDSON___DRP 24192	70.44 2.51 0.00	69.68 2.49 0.00	67.33 2.46 0.00	62.85 2.24 0.00	67.35 2.53 0.00	69.87 2.75 0.00	82.29 3.84 0.00	92.78 4.68 -1.34	72.94 3.80 0.00	68.65 3.58 0.00	63.99 3.28 0.00	60.55 3.21 0.00	59.14 2.87 0.00	57.61 2.85 0.00	59.02 3.02 0.00	58.67 3.22 0.00	67.83 3.78 0.00	79.62 4.68 -0.73	91.31 5.49 0.00	82.20 4.92 -0.36	75.00 4.31 0.00	66.28 3.69 0.00	59.44 3.26 0.00	57.45 2.89 0.00
CH_MISC_IPPS 23765	70.64 2.72 0.00	69.89 2.69 0.00	67.46 2.60 0.00	63.03 2.43 0.00	67.55 2.72 0.00	70.14 3.02 0.00	82.60 4.15 0.00	93.10 5.03 -1.32	73.15 4.01 0.00	68.84 3.77 0.00	64.11 3.40 0.00	60.66 3.32 0.00	59.25 2.98 0.00	57.67 2.90 0.00	59.13 3.13 0.00	58.72 3.27 0.00	68.09 4.04 0.00	79.90 4.97 -0.71	91.66 5.84 0.00	82.43 5.15 -0.36	75.28 4.59 0.00	66.47 3.88 0.00	59.55 3.37 0.00	57.61 3.05 0.00
CH_RES_BVR_FALLS 23983	68.53 0.61 0.00	67.80 0.60 0.00	65.32 0.46 0.00	60.91 0.30 0.00	65.02 0.20 0.00	67.05 -0.07 0.00	77.90 -0.55 0.00	85.71 -1.04 0.00	68.52 -0.62 0.00	64.29 -0.78 0.00	59.98 -0.73 0.00	56.54 -0.80 0.00	55.59 -0.67 0.00	54.00 -0.77 0.00	55.10 -0.90 0.00	54.51 -0.94 0.00	62.90 -1.15 0.00	72.73 -1.48 0.00	83.93 -1.89 0.00	75.38 -1.54 0.00	69.34 -1.35 0.00	61.46 -1.12 0.00	55.22 -0.96 0.00	53.63 -0.93 0.00
CH_RES_NIAGARA 23895	60.04 -7.88 0.00	59.00 -8.20 0.00	57.28 -7.59 0.00	53.63 -6.97 0.00	57.11 -7.71 0.00	59.46 -7.65 0.00	67.70 -10.75 0.00	74.00 -12.75 0.00	59.25 -9.89 0.00	56.22 -8.85 0.00	52.27 -8.44 0.00	49.48 -7.86 0.00	48.73 -7.54 0.00	47.59 -7.17 0.00	48.50 -7.50 0.00	47.79 -7.65 0.01	54.09 -9.54 0.42	62.86 -10.84 0.52	69.28 -12.36 4.18	56.14 -11.23 9.55	59.48 -10.04 1.16	53.89 -8.70 0.00	49.05 -7.13 0.00	48.67 -5.89 0.00
CH_RES_SYRACUSE 23985	66.70 -1.22 0.00	65.85 -1.34 0.00	63.63 -1.23 0.00	59.52 -1.09 0.00	63.66 -1.16 0.00	66.11 -1.00 0.00	77.34 -1.10 0.00	85.62 -1.13 0.00	68.10 -1.04 0.00	63.96 -1.11 0.00	59.68 -1.03 0.00	56.42 -0.92 0.00	55.48 -0.79 0.00	54.00 -0.77 0.00	55.27 -0.73 0.00	54.73 -0.72 0.00	63.29 -0.77 0.00	73.40 -0.81 0.00	85.04 -0.77 0.00	76.15 -0.77 0.00	69.84 -0.85 0.00	61.90 -0.69 0.00	55.56 -0.62 0.00	53.96 -0.60 0.00
CLINTON_WT_PWR 323605	70.30 2.38 0.00	69.55 2.35 0.00	66.94 2.08 0.00	62.36 1.76 0.00	66.58 1.75 0.00	68.93 1.81 0.00	79.31 0.86 0.00	86.58 -0.17 0.00	69.56 0.42 0.00	65.46 0.39 0.00	61.08 0.37 0.00	57.51 0.17 0.00	56.32 0.06 0.00	54.44 -0.33 0.00	55.39 -0.61 0.00	54.46 -1.00 0.00	62.58 -1.47 0.00	71.84 -2.38 0.00	82.73 -3.09 0.00	74.46 -2.46 0.00	68.63 -2.05 0.00	60.84 -1.75 0.00	54.72 -1.46 0.00	53.31 -1.25 0.00
CLINTON___LFGE 323618	71.79 3.87 0.00	71.03 3.83 0.00	68.30 3.44 0.00	63.63 3.03 0.00	67.87 3.05 0.00	70.94 3.82 0.00	80.72 2.28 0.00	87.79 1.04 0.00	70.66 1.52 0.00	66.50 1.43 0.00	61.99 1.28 0.00	58.25 0.91 0.00	57.00 0.73 0.00	54.98 0.22 0.00	55.72 -0.28 0.00	54.73 -0.72 0.00	62.78 -1.28 0.00	71.84 -2.38 0.00	82.73 -3.09 0.00	74.46 -2.46 0.00	68.71 -1.98 0.00	60.90 -1.69 0.00	54.83 -1.35 0.00	53.58 -0.98 0.00
COBBLENY_34_KV_TB1 80064	63.51 -4.42 0.00	62.29 -4.91 0.00	60.52 -4.35 0.00	56.60 -4.00 0.00	60.29 -4.54 0.00	62.82 -4.30 0.00	71.93 -6.51 0.00	78.68 -8.07 0.00	63.19 -5.95 0.00	59.86 -5.21 0.00	55.55 -5.16 0.00	52.58 -4.76 0.00	51.71 -4.56 0.00	50.44 -4.33 0.00	51.35 -4.65 0.00	50.68 -4.77 0.01	57.51 -6.02 0.52	66.74 -6.83 0.65	73.00 -7.64 5.18	57.91 -7.15 11.86	62.88 -6.36 1.45	57.08 -5.51 0.00	51.74 -4.44 0.00	51.23 -3.33 0.00
COFFEEN___115KV_TB3 355620	71.32 3.40 0.00	70.36 3.16 0.00	67.78 2.92 0.00	63.45 2.85 0.00	67.74 2.92 0.00	71.21 4.09 0.00	83.46 5.02 0.00	91.95 5.20 0.00	72.87 3.73 0.00	68.13 3.06 0.00	63.50 2.79 0.00	59.86 2.52 0.00	59.08 2.81 0.00	58.00 3.23 0.00	59.19 3.19 0.00	58.95 3.49 0.00	68.60 4.55 0.00	79.26 5.05 0.00	91.91 6.09 0.00	82.23 5.31 0.00	75.42 4.74 0.00	66.91 4.32 0.00	59.78 3.60 0.00	57.83 3.27 0.00
COLDSPRG_115KV_BK1 355956	66.16 -1.77 0.00	64.85 -2.35 0.00	62.98 -1.88 0.00	58.85 -1.76 0.00	62.69 -2.14 0.00	65.37 -1.75 0.00	75.23 -3.22 0.00	82.41 -4.34 0.00	66.51 -2.63 0.00	62.86 -2.21 0.00	58.22 -2.49 0.00	55.10 -2.24 0.00	53.90 -2.36 0.00	52.57 -2.19 0.00	53.70 -2.30 0.00	53.00 -2.44 0.01	60.21 -3.27 0.58	69.92 -3.56 0.73	76.15 -3.86 5.81	59.78 -3.85 13.29	65.75 -3.32 1.62	59.58 -3.00 0.00	53.88 -2.30 0.00	53.36 -1.20 0.00
COLONIE_LFGE___ 323577	70.84 2.92 0.00	70.08 2.89 0.00	67.65 2.79 0.00	63.21 2.60 0.00	67.74 2.92 0.00	70.21 3.09 0.00	82.36 3.92 0.00	103.16 5.03 -11.38	73.01 3.87 0.00	69.04 3.97 0.00	64.35 3.64 0.00	60.90 3.56 0.00	59.30 3.04 0.00	57.78 3.01 0.00	59.13 3.13 0.00	58.61 3.16 0.00	67.77 3.71 0.00	81.42 4.60 -2.60	91.23 5.41 0.00	84.77 4.77 -3.08	75.00 4.31 0.00	66.28 3.69 0.00	59.38 3.20 0.00	57.67 3.11 0.00
COOPERNY_115KV_TB1 80082	69.01 1.09 0.00	68.27 1.08 0.00	65.97 1.10 0.00	61.63 1.03 0.00	65.99 1.17 0.00	68.39 1.28 0.00	80.40 1.96 0.00	90.17 2.43 -0.99	71.14 2.01 0.00	67.02 1.95 0.00	62.47 1.76 0.00	59.06 1.72 0.00	57.79 1.52 0.00	56.30 1.53 0.00	57.62 1.62 0.00	57.23 1.77 0.00	66.17 2.11 0.00	77.35 2.60 -0.54	88.82 3.00 0.00	79.95 2.77 -0.26	73.02 2.33 0.00	64.59 2.00 0.00	57.92 1.74 0.00	56.09 1.53 0.00
COPENHAGEN_WT_PWR 323753	70.50 2.58 0.00	69.55 2.35 0.00	67.07 2.21 0.00	62.72 2.12 0.00	67.03 2.21 0.00	70.34 3.22 0.00	82.36 3.92 0.00	89.78 3.03 0.00	72.04 2.90 0.00	67.41 2.34 0.00	62.83 2.12 0.00	59.29 1.95 0.00	58.52 2.25 0.00	57.39 2.63 0.00	58.63 2.63 0.00	58.28 2.83 0.00	67.71 3.65 0.00	78.22 4.00 0.00	89.68 3.87 0.00	81.15 4.23 0.00	74.43 3.74 0.00	66.09 3.50 0.00	59.10 2.92 0.00	57.18 2.62 0.00
CORNELL_____ 23752	68.20 0.27 0.00	67.26 0.07 0.00	65.06 0.19 0.00	60.79 0.18 0.00	65.08 0.26 0.00	67.59 0.47 0.00	79.23 0.78 0.00	87.93 0.78 -0.40	69.55 0.41 0.00	65.33 0.26 0.00	60.77 0.06 0.00	57.34 0.00 0.00	56.32 0.06 0.00	54.82 0.05 0.00	56.11 0.11 0.00	55.71 0.22 -0.04	66.80 0.51 -2.23	78.54 0.82 -3.51	109.34 1.12 -22.40	129.22 0.85 -51.45	77.51 0.64 -6.19	63.15 0.56 0.00	56.63 0.45 0.00	55.00 0.44 0.00



CORONA_69_KV_TB1 355595	95.85 3.46 -24.46	93.87 3.43 -23.24	88.13 3.31 -19.96	88.11 3.09 -24.42	91.26 3.37 -23.06	108.34 3.69 -37.54	132.98 5.02 -49.52	133.65 6.07 -40.83	107.47 4.98 -33.36	88.14 4.82 -18.25	74.51 4.43 -9.37	61.70 4.36 0.00	60.26 3.99 0.00	58.65 3.89 0.00	74.80 4.20 -14.60	79.88 4.38 -20.04	88.06 5.06 -18.95	129.30 6.16 -48.93	131.96 7.21 -38.93	127.48 6.38 -44.17	110.50 5.73 -34.09	97.11 4.88 -29.64	90.85 4.33 -30.34	79.82 3.93 -21.33
CORTLAND_115KV_TB3 80093	67.72 -0.20 0.00	66.79 -0.40 0.00	64.61 -0.26 0.00	60.36 -0.24 0.00	64.63 -0.19 0.00	67.12 0.00 0.00	78.52 0.08 0.00	86.84 0.09 0.00	69.00 -0.14 0.00	64.81 -0.26 0.00	60.41 -0.30 0.00	57.05 -0.29 0.00	56.04 -0.23 0.00	54.60 -0.16 0.00	55.83 -0.17 0.00	55.41 -0.06 -0.01	64.79 0.13 -0.60	75.47 0.22 -1.04	92.30 0.43 -6.05	91.02 0.23 -13.87	72.50 0.14 -1.67	62.71 0.13 0.00	56.24 0.06 0.00	54.67 0.11 0.00
COXSACKIE___GT 23611	73.02 5.10 0.00	72.17 4.97 0.00	69.73 4.87 0.00	65.09 4.48 0.00	69.88 5.06 0.00	72.42 5.30 0.00	84.88 6.43 0.00	96.92 5.64 -4.53	73.77 4.63 0.00	69.30 4.23 0.00	64.23 3.52 0.00	60.72 3.38 0.00	59.08 2.81 0.00	57.45 2.68 0.00	59.08 3.08 0.00	58.56 3.10 0.00	68.28 4.23 0.00	80.25 4.68 -1.36	91.39 5.57 0.00	83.07 4.93 -1.23	75.78 5.09 0.00	66.97 4.38 0.00	60.05 3.87 0.00	58.82 4.26 0.00
CPV_VALLEY___CC1 323721	69.01 1.08 0.00	68.34 1.14 0.00	65.97 1.10 0.00	61.63 1.03 0.00	65.99 1.17 0.00	68.46 1.34 0.00	80.56 2.12 0.00	90.64 2.78 -1.11	71.35 2.21 0.00	67.28 2.21 0.00	62.71 2.00 0.00	59.35 2.01 0.00	58.01 1.75 0.00	56.52 1.75 0.00	57.91 1.91 0.00	57.45 1.99 0.00	66.49 2.43 0.00	77.80 2.97 -0.62	89.34 3.52 0.00	80.30 3.08 -0.30	73.37 2.69 0.00	64.84 2.25 0.00	58.09 1.91 0.00	56.31 1.75 0.00
CPV_VALLEY___CC2 323722	69.01 1.08 0.00	68.34 1.14 0.00	65.97 1.10 0.00	61.63 1.03 0.00	65.99 1.17 0.00	68.46 1.34 0.00	80.56 2.12 0.00	90.64 2.78 -1.11	71.35 2.21 0.00	67.28 2.21 0.00	62.71 2.00 0.00	59.35 2.01 0.00	58.01 1.75 0.00	56.52 1.75 0.00	57.91 1.91 0.00	57.45 1.99 0.00	66.49 2.43 0.00	77.80 2.97 -0.62	89.34 3.52 0.00	80.30 3.08 -0.30	73.37 2.69 0.00	64.84 2.25 0.00	58.09 1.91 0.00	56.31 1.75 0.00
CRESCENT___HYD 24018	70.84 2.92 0.00	70.08 2.89 0.00	67.65 2.79 0.00	63.21 2.60 0.00	67.74 2.92 0.00	70.21 3.09 0.00	82.36 3.92 0.00	103.16 5.03 -11.38	73.01 3.87 0.00	69.04 3.97 0.00	64.35 3.64 0.00	60.90 3.56 0.00	59.30 3.04 0.00	57.78 3.01 0.00	59.13 3.13 0.00	58.61 3.16 0.00	67.77 3.71 0.00	81.42 4.60 -2.60	91.23 5.41 0.00	84.77 4.77 -3.08	75.00 4.31 0.00	66.28 3.69 0.00	59.38 3.20 0.00	57.67 3.11 0.00
CRICKET___VALLEY_CC1 323756	70.10 2.17 0.00	69.41 2.21 0.00	67.00 2.14 0.00	62.60 2.00 0.00	67.03 2.21 0.00	69.53 2.41 0.00	81.81 3.37 0.00	92.58 4.25 -1.58	72.59 3.46 0.00	68.39 3.32 0.00	63.80 3.09 0.00	60.38 3.04 0.00	59.02 2.76 0.00	57.50 2.74 0.00	58.85 2.85 0.00	58.39 2.94 0.00	67.58 3.52 0.00	79.23 4.23 -0.78	90.71 4.89 0.00	81.73 4.38 -0.43	74.64 3.96 0.00	65.97 3.38 0.00	59.04 2.86 0.00	57.23 2.67 0.00
CRICKET___VALLEY_CC2 323757	70.10 2.17 0.00	69.41 2.21 0.00	67.00 2.14 0.00	62.60 2.00 0.00	67.03 2.21 0.00	69.53 2.41 0.00	81.81 3.37 0.00	92.58 4.25 -1.58	72.59 3.46 0.00	68.39 3.32 0.00	63.80 3.09 0.00	60.38 3.04 0.00	59.02 2.76 0.00	57.50 2.74 0.00	58.85 2.85 0.00	58.39 2.94 0.00	67.58 3.52 0.00	79.23 4.23 -0.78	90.71 4.89 0.00	81.73 4.38 -0.43	74.64 3.96 0.00	65.97 3.38 0.00	59.04 2.86 0.00	57.23 2.67 0.00
CRICKET___VALLEY_CC3 323758	70.10 2.17 0.00	69.41 2.21 0.00	67.00 2.14 0.00	62.60 2.00 0.00	67.03 2.21 0.00	69.53 2.41 0.00	81.81 3.37 0.00	92.58 4.25 -1.58	72.59 3.46 0.00	68.39 3.32 0.00	63.80 3.09 0.00	60.38 3.04 0.00	59.02 2.76 0.00	57.50 2.74 0.00	58.85 2.85 0.00	58.39 2.94 0.00	67.58 3.52 0.00	79.23 4.23 -0.78	90.71 4.89 0.00	81.73 4.38 -0.43	74.64 3.96 0.00	65.97 3.38 0.00	59.04 2.86 0.00	57.23 2.67 0.00
CRUCIBLE_METL_DRP 24180	66.70 -1.22 0.00	65.85 -1.34 0.00	63.63 -1.23 0.00	59.51 -1.09 0.00	63.66 -1.17 0.00	66.11 -1.01 0.00	77.34 -1.10 0.00	85.62 -1.13 0.00	68.10 -1.04 0.00	64.03 -1.04 0.00	59.68 -1.03 0.00	56.42 -0.92 0.00	55.48 -0.79 0.00	54.00 -0.77 0.00	55.27 -0.73 0.00	54.73 -0.72 0.00	63.35 -0.70 0.00	73.40 -0.82 0.00	85.05 -0.77 0.00	76.07 -0.85 0.00	69.84 -0.85 0.00	61.90 -0.69 0.00	55.51 -0.67 0.00	53.96 -0.60 0.00
DAHOWA___HYDRO 323763	72.27 4.35 0.00	71.50 4.30 0.00	68.89 4.02 0.00	64.49 3.88 0.00	69.04 4.21 0.00	71.68 4.57 0.00	84.25 5.80 0.00	107.53 7.98 -12.81	77.16 8.02 0.00	73.00 7.94 0.00	67.75 7.04 0.00	64.10 6.76 0.00	62.29 6.02 0.00	60.63 5.86 0.00	62.11 6.10 0.00	61.77 6.32 0.00	71.55 7.49 0.00	86.56 9.43 -2.92	96.97 11.15 0.00	90.18 9.69 -3.57	79.38 8.69 0.00	70.22 7.63 0.00	62.75 6.57 0.00	60.89 6.33 0.00
DANC___LFGE 323619	69.08 1.15 0.00	68.21 1.01 0.00	65.84 0.97 0.00	61.57 0.97 0.00	65.80 0.97 0.00	68.72 1.61 0.00	80.48 2.04 0.00	88.22 1.47 0.00	70.52 1.38 0.00	66.05 0.98 0.00	61.62 0.91 0.00	58.25 0.91 0.00	57.45 1.18 0.00	56.19 1.42 0.00	57.40 1.40 0.00	57.00 1.55 0.00	66.10 2.05 0.00	76.44 2.22 0.00	87.96 2.15 0.00	79.31 2.39 0.00	72.74 2.05 0.00	64.59 2.00 0.00	57.86 1.68 0.00	56.03 1.47 0.00
DANSKAMMER___1 23586	70.64 2.72 0.00	69.89 2.69 0.00	67.46 2.60 0.00	63.03 2.43 0.00	67.55 2.72 0.00	70.14 3.02 0.00	82.60 4.15 0.00	93.10 5.03 -1.32	73.15 4.01 0.00	68.84 3.77 0.00	64.11 3.40 0.00	60.66 3.32 0.00	59.25 2.98 0.00	57.67 2.90 0.00	59.13 3.13 0.00	58.72 3.27 0.00	68.09 4.04 0.00	79.90 4.97 -0.71	91.66 5.84 0.00	82.43 5.15 -0.36	75.28 4.59 0.00	66.47 3.88 0.00	59.55 3.37 0.00	57.61 3.05 0.00
DANSKAMMER___2 23589	70.64 2.72 0.00	69.89 2.69 0.00	67.46 2.60 0.00	63.03 2.43 0.00	67.55 2.72 0.00	70.14 3.02 0.00	82.60 4.15 0.00	93.10 5.03 -1.32	73.15 4.01 0.00	68.84 3.77 0.00	64.11 3.40 0.00	60.66 3.32 0.00	59.25 2.98 0.00	57.67 2.90 0.00	59.13 3.13 0.00	58.72 3.27 0.00	68.09 4.04 0.00	79.90 4.97 -0.71	91.66 5.84 0.00	82.43 5.15 -0.36	75.28 4.59 0.00	66.47 3.88 0.00	59.55 3.37 0.00	57.61 3.05 0.00
DANSKAMMER___3 23590	70.64 2.72 0.00	69.89 2.69 0.00	67.46 2.60 0.00	63.03 2.43 0.00	67.55 2.72 0.00	70.14 3.02 0.00	82.60 4.15 0.00	93.10 5.03 -1.32	73.15 4.01 0.00	68.84 3.77 0.00	64.11 3.40 0.00	60.66 3.32 0.00	59.25 2.98 0.00	57.67 2.90 0.00	59.13 3.13 0.00	58.72 3.27 0.00	68.09 4.04 0.00	79.90 4.97 -0.71	91.66 5.84 0.00	82.43 5.15 -0.36	75.28 4.59 0.00	66.47 3.88 0.00	59.55 3.37 0.00	57.61 3.05 0.00



DANSKAMMER___4 23591	70.64 2.72 0.00	69.89 2.69 0.00	67.46 2.60 0.00	63.03 2.43 0.00	67.55 2.72 0.00	70.14 3.02 0.00	82.60 4.15 0.00	93.10 5.03 -1.32	73.15 4.01 0.00	68.84 3.77 0.00	64.11 3.40 0.00	60.66 3.32 0.00	59.25 2.98 0.00	57.67 2.90 0.00	59.13 3.13 0.00	58.72 3.27 0.00	68.09 4.04 0.00	79.90 4.97 -0.71	91.66 5.84 0.00	82.43 5.15 -0.36	75.28 4.59 0.00	66.47 3.88 0.00	59.55 3.37 0.00	57.61 3.05 0.00
DANSKAMMER___DIESEL 23592	70.64 2.72 0.00	69.89 2.69 0.00	67.53 2.66 0.00	63.03 2.42 0.00	67.55 2.72 0.00	70.07 2.95 0.00	82.60 4.16 0.00	93.02 4.94 -1.32	73.15 4.01 0.00	68.84 3.77 0.00	64.11 3.40 0.00	60.67 3.33 0.00	59.25 2.98 0.00	57.67 2.90 0.00	59.14 3.14 0.00	58.73 3.27 0.00	68.03 3.97 0.00	79.90 4.97 -0.71	91.65 5.84 0.00	82.42 5.15 -0.35	75.28 4.59 0.00	66.47 3.88 0.00	59.61 3.43 0.00	57.62 3.06 0.00
DARBY___SOLAR 323810	71.86 3.94 0.00	71.16 3.96 0.00	68.56 3.70 0.00	64.18 3.57 0.00	68.71 3.89 0.00	71.35 4.23 0.00	83.78 5.34 0.00	106.71 7.29 -12.68	74.60 5.46 0.00	70.54 5.47 0.00	65.57 4.86 0.00	62.04 4.70 0.00	60.37 4.11 0.00	58.82 4.05 0.00	60.25 4.25 0.00	59.83 4.38 0.00	69.24 5.19 0.00	83.58 6.53 -2.83	93.54 7.73 0.00	87.04 6.69 -3.43	76.69 6.00 0.00	67.85 5.26 0.00	60.73 4.55 0.00	58.98 4.42 0.00
DASHVILLE___HYD 23610	70.30 2.38 0.00	69.55 2.35 0.00	67.20 2.34 0.00	62.73 2.12 0.00	67.22 2.40 0.00	69.67 2.55 0.00	82.05 3.61 0.00	92.02 3.30 -1.97	72.53 3.39 0.00	68.26 3.19 0.00	63.56 2.85 0.00	60.15 2.81 0.00	58.69 2.42 0.00	57.12 2.35 0.00	58.58 2.58 0.00	58.23 2.77 0.00	67.45 3.39 0.00	78.84 3.78 -0.84	90.88 5.06 0.00	81.05 3.62 -0.51	74.64 3.96 0.00	65.97 3.38 0.00	59.16 2.98 0.00	57.29 2.73 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	98.36 5.98 -24.46	96.49 6.05 -23.24	90.73 5.90 -19.96	90.54 5.51 -24.42	93.85 5.96 -23.06	111.23 6.58 -37.54	136.36 8.39 -49.52	137.29 9.72 -40.83	110.10 7.61 -33.36	90.16 6.83 -18.25	75.85 5.77 -9.37	62.67 5.33 0.00	60.99 4.73 0.00	59.26 4.49 0.00	75.36 4.76 -14.60	80.54 5.05 -20.04	88.77 5.77 -18.95	130.71 7.57 -48.93	133.08 8.32 -38.93	128.40 7.31 -44.17	111.28 6.50 -34.09	97.73 5.51 -29.64	91.24 4.72 -30.34	80.47 4.58 -21.33
DELAWARE___LFGE 323621	69.35 1.43 0.00	68.68 1.48 0.00	66.29 1.43 0.00	62.00 1.39 0.00	66.32 1.49 0.00	68.79 1.68 0.00	80.64 2.20 0.00	91.14 2.52 -1.87	71.56 2.42 0.00	67.61 2.54 0.00	63.02 2.31 0.00	59.52 2.18 0.00	58.07 1.80 0.00	56.68 1.92 0.00	57.90 1.90 0.00	57.51 2.05 0.00	66.04 1.99 0.00	77.35 2.52 -0.61	88.82 3.00 0.00	80.06 2.62 -0.53	72.95 2.26 0.00	64.53 1.94 0.00	57.87 1.69 0.00	56.14 1.58 0.00
DERFIELD_115KV_TB7 355931	68.06 0.14 0.00	67.33 0.13 0.00	65.00 0.13 0.00	60.73 0.12 0.00	64.95 0.13 0.00	67.32 0.20 0.00	78.76 0.31 0.00	87.18 0.43 0.00	69.62 0.48 0.00	65.00 -0.07 0.00	60.65 -0.06 0.00	57.28 -0.06 0.00	56.60 0.34 0.00	55.15 0.38 0.00	56.39 0.39 0.00	55.90 0.44 0.00	64.57 0.51 0.00	74.88 0.67 0.00	86.59 0.77 0.00	77.61 0.69 0.00	71.25 0.57 0.00	63.09 0.50 0.00	56.63 0.45 0.00	54.94 0.38 0.00
DOGLEVILLE___HYD 23807	70.50 2.58 0.00	69.69 2.49 0.00	67.33 2.46 0.00	62.85 2.24 0.00	67.15 2.33 0.00	69.46 2.35 0.00	80.79 2.35 0.00	89.35 2.60 0.00	71.35 2.21 0.00	67.48 2.41 0.00	62.89 2.18 0.00	59.29 1.95 0.00	58.07 1.80 0.00	56.52 1.75 0.00	57.74 1.74 0.00	57.17 1.72 0.00	66.10 2.05 0.00	76.52 2.30 0.00	88.39 2.57 0.00	79.07 2.15 0.00	72.52 1.83 0.00	64.40 1.82 0.00	57.75 1.57 0.00	56.14 1.58 0.00
DUNKIRK___115KV_TB_200 55889	63.92 -4.01 0.00	62.70 -4.50 0.00	60.84 -4.02 0.00	56.91 -3.70 0.00	60.61 -4.21 0.00	63.16 -3.96 0.00	72.40 -6.04 0.00	79.37 -7.37 0.00	63.47 -5.67 0.00	59.99 -5.08 0.00	55.73 -4.98 0.00	52.70 -4.64 0.00	51.65 -4.61 0.00	50.38 -4.38 0.00	51.46 -4.54 0.00	50.79 -4.66 0.01	57.65 -5.89 0.52	66.89 -6.68 0.64	73.21 -7.47 5.14	58.17 -7.00 11.75	63.03 -6.22 1.43	57.21 -5.38 0.00	51.85 -4.33 0.00	51.40 -3.16 0.00
DUNKIRK___1 23563	63.92 -4.01 0.00	62.70 -4.50 0.00	60.84 -4.02 0.00	56.91 -3.70 0.00	60.61 -4.21 0.00	63.16 -3.96 0.00	72.40 -6.04 0.00	79.37 -7.37 0.00	63.47 -5.67 0.00	59.99 -5.08 0.00	55.73 -4.98 0.00	52.70 -4.64 0.00	51.65 -4.61 0.00	50.38 -4.38 0.00	51.46 -4.54 0.00	50.79 -4.66 0.01	57.65 -5.89 0.52	66.89 -6.68 0.64	73.21 -7.47 5.14	58.17 -7.00 11.75	63.03 -6.22 1.43	57.21 -5.38 0.00	51.85 -4.33 0.00	51.40 -3.16 0.00
DUNKIRK___2 23564	63.92 -4.01 0.00	62.70 -4.50 0.00	60.84 -4.02 0.00	56.91 -3.70 0.00	60.61 -4.21 0.00	63.16 -3.96 0.00	72.40 -6.04 0.00	79.37 -7.37 0.00	63.47 -5.67 0.00	59.99 -5.08 0.00	55.73 -4.98 0.00	52.70 -4.64 0.00	51.65 -4.61 0.00	50.38 -4.38 0.00	51.46 -4.54 0.00	50.79 -4.66 0.01	57.65 -5.89 0.52	66.89 -6.68 0.64	73.21 -7.47 5.14	58.17 -7.00 11.75	63.03 -6.22 1.43	57.21 -5.38 0.00	51.85 -4.33 0.00	51.40 -3.16 0.00
DUNKIRK___3 23565	63.64 -4.28 0.00	62.43 -4.77 0.00	60.58 -4.28 0.00	56.66 -3.94 0.00	60.35 -4.47 0.00	62.82 -4.30 0.00	72.09 -6.35 0.00	78.94 -7.81 0.00	63.19 -5.95 0.00	59.80 -5.27 0.00	55.55 -5.16 0.00	52.52 -4.82 0.00	51.54 -4.73 0.00	50.33 -4.44 0.00	51.35 -4.65 0.00	50.68 -4.77 0.01	57.52 -6.02 0.51	66.76 -6.83 0.63	73.12 -7.64 5.06	58.20 -7.15 11.57	62.91 -6.36 1.41	57.08 -5.51 0.00	51.74 -4.44 0.00	51.23 -3.33 0.00
DUNKIRK___4 23566	63.64 -4.28 0.00	62.43 -4.77 0.00	60.58 -4.28 0.00	56.66 -3.94 0.00	60.35 -4.47 0.00	62.82 -4.30 0.00	72.09 -6.35 0.00	78.94 -7.81 0.00	63.19 -5.95 0.00	59.80 -5.27 0.00	55.55 -5.16 0.00	52.52 -4.82 0.00	51.54 -4.73 0.00	50.33 -4.44 0.00	51.35 -4.65 0.00	50.68 -4.77 0.01	57.52 -6.02 0.51	66.76 -6.83 0.63	73.12 -7.64 5.06	58.20 -7.15 11.57	62.91 -6.36 1.41	57.08 -5.51 0.00	51.74 -4.44 0.00	51.23 -3.33 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	70.23 2.31 0.00	69.48 2.28 0.00	67.07 2.21 0.00	62.66 2.06 0.00	67.09 2.27 0.00	69.67 2.55 0.00	82.21 3.77 0.00	92.73 4.68 -1.30	73.01 3.87 0.00	68.84 3.77 0.00	64.17 3.46 0.00	60.78 3.44 0.00	59.36 3.09 0.00	57.89 3.12 0.00	59.30 3.30 0.00	58.89 3.44 0.00	68.09 4.04 0.00	79.82 4.90 -0.71	91.48 5.66 0.00	82.34 5.08 -0.35	75.21 4.52 0.00	66.41 3.82 0.00	59.49 3.31 0.00	57.51 2.95 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	69.96 2.04 0.00	69.21 2.02 0.00	66.88 2.01 0.00	62.48 1.88 0.00	66.96 2.14 0.00	69.40 2.28 0.00	81.82 3.37 0.00	92.11 4.08 -1.29	72.46 3.32 0.00	68.26 3.19 0.00	63.56 2.85 0.00	60.15 2.81 0.00	58.74 2.48 0.00	57.23 2.46 0.00	58.63 2.63 0.00	58.28 2.83 0.00	67.45 3.39 0.00	79.14 4.23 -0.69	90.80 4.98 0.00	81.65 4.38 -0.34	74.57 3.89 0.00	65.84 3.25 0.00	59.05 2.87 0.00	57.12 2.56 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	69.96 2.04 0.00	69.21 2.02 0.00	66.81 1.95 0.00	62.54 1.94 0.00	66.96 2.14 0.00	69.53 2.42 0.00	82.29 3.84 0.00	92.82 4.77 -1.30	73.21 4.08 0.01	69.03 3.97 0.01	64.34 3.64 0.01	60.94 3.61 0.01	59.58 3.32 0.01	58.04 3.29 0.01	59.46 3.47 0.01	59.11 3.66 0.01	68.28 4.23 0.01	80.11 5.20 -0.70	91.73 5.92 0.01	82.57 5.31 -0.34	75.41 4.74 0.01	66.59 4.01 0.00	59.66 3.48 0.01	57.62 3.06 0.00
E179THST_13_KV_LOAD 356214	70.23 2.31 0.00	69.48 2.28 0.00	67.07 2.21 0.00	62.79 2.18 0.00	67.16 2.33 0.00	69.80 2.68 0.00	82.60 4.16 0.00	93.25 5.20 -1.30	73.56 4.42 0.01	69.36 4.29 0.01	64.65 3.95 0.01	61.17 3.84 0.01	59.80 3.54 0.01	58.32 3.56 0.01	59.74 3.75 0.01	59.38 3.94 0.01	68.60 4.55 0.01	80.48 5.57 -0.70	92.25 6.44 0.01	82.95 5.69 -0.34	75.77 5.09 0.01	66.84 4.26 0.00	59.88 3.71 0.01	57.83 3.27 0.00
EAST HAMPTON___GT 23717	99.05 6.66 -24.46	97.22 6.78 -23.24	91.44 6.62 -19.96	91.21 6.18 -24.42	94.63 6.74 -23.06	112.10 7.45 -37.54	137.29 9.33 -49.52	138.42 10.84 -40.83	110.79 8.29 -33.36	90.74 7.42 -18.25	76.21 6.13 -9.37	62.85 5.51 0.00	61.05 4.78 0.00	59.09 4.33 0.00	75.08 4.48 -14.60	80.16 4.66 -20.04	88.32 5.31 -18.95	130.27 7.13 -48.93	132.21 7.46 -38.93	127.48 6.38 -44.18	110.36 5.58 -34.09	96.92 4.70 -29.64	90.40 3.87 -30.34	79.98 4.09 -21.33
EAST RIVER___6 23660	69.96 2.04 0.00	69.28 2.09 0.00	66.81 1.94 0.00	62.49 1.88 0.00	66.90 2.07 0.00	69.53 2.41 0.00	82.13 3.69 0.00	92.82 4.77 -1.30	73.08 3.94 0.00	68.91 3.84 0.00	64.23 3.52 0.00	60.84 3.50 0.00	59.47 3.21 0.00	57.94 3.18 0.00	59.36 3.36 0.00	58.95 3.50 0.00	68.22 4.16 0.00	79.98 5.05 -0.71	91.66 5.84 0.00	82.35 5.08 -0.35	75.21 4.53 0.00	66.41 3.82 0.00	59.38 3.20 0.00	57.45 2.89 0.00
EAST RIVER___7 23524	69.96 2.04 0.00	69.28 2.09 0.00	66.81 1.94 0.00	62.49 1.88 0.00	66.90 2.07 0.00	69.53 2.41 0.00	82.13 3.69 0.00	92.82 4.77 -1.30	73.08 3.94 0.00	68.91 3.84 0.00	64.23 3.52 0.00	60.84 3.50 0.00	59.47 3.21 0.00	57.94 3.18 0.00	59.36 3.36 0.00	58.95 3.50 0.00	68.22 4.16 0.00	79.98 5.05 -0.71	91.66 5.84 0.00	82.35 5.08 -0.35	75.21 4.53 0.00	66.41 3.82 0.00	59.38 3.20 0.00	57.45 2.89 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	70.10 2.17 0.00	69.35 2.15 0.00	67.01 2.14 0.00	62.54 1.94 0.00	67.03 2.20 0.00	69.53 2.42 0.00	82.05 3.61 0.00	92.56 4.51 -1.30	72.87 3.73 0.00	68.71 3.64 0.00	64.05 3.34 0.00	60.61 3.27 0.00	59.25 2.98 0.00	57.72 2.96 0.00	59.14 3.14 0.00	58.78 3.33 0.00	67.90 3.84 0.00	79.67 4.75 -0.71	91.31 5.49 0.00	82.11 4.85 -0.35	75.00 4.31 0.00	66.28 3.69 0.00	59.38 3.20 0.00	57.40 2.84 0.00
EAST_HAMPTON___DIESEL 23722	99.05 6.66 -24.46	97.22 6.78 -23.24	91.44 6.62 -19.96	91.21 6.18 -24.42	94.63 6.74 -23.06	112.10 7.45 -37.54	137.37 9.41 -49.52	138.42 10.84 -40.83	110.79 8.29 -33.36	90.74 7.42 -18.25	76.15 6.07 -9.37	62.79 5.45 0.00	60.99 4.73 0.00	59.04 4.27 0.00	74.97 4.37 -14.60	80.10 4.60 -20.04	88.19 5.19 -18.95	130.11 6.97 -48.93	131.96 7.21 -38.93	127.25 6.16 -44.18	110.15 5.37 -34.09	96.73 4.51 -29.64	90.23 3.71 -30.34	79.87 3.98 -21.33
EAST_POINT___SOLAR 323840	72.34 4.41 0.00	71.56 4.37 0.00	68.89 4.02 0.00	64.49 3.88 0.00	69.10 4.28 0.00	72.01 4.90 0.00	84.64 6.20 0.00	106.53 6.68 -13.10	72.94 3.80 0.00	68.19 3.12 0.00	63.14 2.43 0.00	59.29 1.95 0.00	58.07 1.80 0.00	56.79 2.03 0.00	57.91 1.91 0.00	58.06 2.61 0.00	68.41 4.36 0.00	83.32 6.23 -2.87	93.37 7.55 0.00	87.00 6.53 -3.55	76.48 5.80 0.00	67.66 5.07 0.00	60.40 4.22 0.00	58.43 3.87 0.00
EAST_PULASKI___ESR 323781	68.13 0.20 0.00	67.20 0.00 0.00	64.87 0.00 0.00	60.66 0.06 0.00	64.89 0.06 0.00	67.59 0.47 0.00	79.07 0.62 0.00	87.18 0.44 0.00	69.49 0.35 0.00	65.20 0.13 0.00	60.83 0.12 0.00	57.51 0.17 0.00	56.72 0.45 0.00	55.31 0.55 0.00	56.62 0.62 0.00	56.12 0.67 0.00	64.95 0.90 0.00	75.25 1.04 0.00	86.85 1.03 0.00	78.00 1.08 0.00	71.54 0.85 0.00	63.53 0.94 0.00	56.97 0.79 0.00	55.22 0.66 0.00
EAST_RIVER___1 323558	70.16 2.24 0.00	69.41 2.21 0.00	67.00 2.14 0.00	62.60 2.00 0.00	67.03 2.21 0.00	69.67 2.55 0.00	82.29 3.84 0.00	92.99 4.94 -1.30	73.22 4.08 0.00	69.04 3.97 0.00	64.35 3.64 0.00	60.90 3.56 0.00	59.53 3.26 0.00	58.05 3.29 0.00	59.42 3.42 0.00	59.06 3.60 0.00	68.28 4.23 0.00	80.12 5.19 -0.71	91.82 6.01 0.00	82.50 5.23 -0.35	75.35 4.66 0.00	66.53 3.95 0.00	59.49 3.31 0.00	57.56 3.00 0.00
EAST_RIVER___2 323559	69.96 2.04 0.00	69.28 2.09 0.00	66.81 1.94 0.00	62.49 1.88 0.00	66.90 2.07 0.00	69.53 2.41 0.00	82.13 3.69 0.00	92.82 4.77 -1.30	73.08 3.94 0.00	68.91 3.84 0.00	64.23 3.52 0.00	60.84 3.50 0.00	59.47 3.21 0.00	57.94 3.18 0.00	59.36 3.36 0.00	58.95 3.50 0.00	68.22 4.16 0.00	79.98 5.05 -0.71	91.66 5.84 0.00	82.35 5.08 -0.35	75.21 4.53 0.00	66.41 3.82 0.00	59.38 3.20 0.00	57.45 2.89 0.00
EAST___DELAWARE_HYD 23607	70.10 2.17 0.00	69.35 2.15 0.00	67.00 2.14 0.00	62.54 1.94 0.00	67.03 2.21 0.00	69.60 2.48 0.00	81.98 3.53 0.00	92.35 4.25 -1.36	72.39 3.25 0.00	68.06 2.99 0.00	63.26 2.55 0.00	59.86 2.52 0.00	58.40 2.14 0.00	56.90 2.13 0.00	58.30 2.30 0.00	58.01 2.55 0.00	67.32 3.27 0.00	79.05 4.15 -0.68	90.88 5.06 0.00	81.67 4.38 -0.37	74.50 3.81 0.00	65.78 3.19 0.00	58.93 2.75 0.00	57.07 2.51 0.00
EIGHT_POINT___WT_PWR 323820	66.02 -1.90 0.00	64.78 -2.42 0.00	62.92 -1.94 0.00	58.73 -1.88 0.00	62.62 -2.20 0.00	65.03 -2.08 0.00	75.38 -3.06 0.00	83.36 -3.73 -0.34	65.62 -3.52 0.00	61.55 -3.51 0.00	57.00 -3.71 0.00	53.67 -3.67 0.00	52.83 -3.43 0.00	51.32 -3.45 0.00	52.30 -3.70 0.00	51.55 -3.88 0.02	58.62 -4.29 1.14	68.07 -4.60 1.55	68.95 -5.40 11.46	45.59 -5.15 26.17	62.64 -4.88 3.17	58.27 -4.32 0.00	52.75 -3.43 0.00	51.67 -2.89 0.00
ELBRIDGE_115KV_TB2 80188	66.09 -1.83 0.00	65.25 -1.95 0.00	63.05 -1.82 0.00	58.97 -1.64 0.00	63.07 -1.75 0.00	65.51 -1.61 0.00	76.56 -1.88 0.00	84.75 -2.00 0.00	67.41 -1.73 0.00	63.38 -1.69 0.00	59.07 -1.64 0.00	55.79 -1.55 0.00	54.86 -1.41 0.00	53.40 -1.37 0.00	54.66 -1.34 0.00	54.12 -1.33 0.00	62.65 -1.41 0.00	72.66 -1.56 0.00	84.10 -1.72 0.00	75.30 -1.62 0.00	69.06 -1.63 0.00	61.21 -1.38 0.00	54.94 -1.24 0.00	53.41 -1.15 0.00
ELEC_TRO_TEK 24086	95.58 3.19 -24.46	93.60 3.16 -23.24	87.87 3.05 -19.96	87.87 2.85 -24.42	91.00 3.11 -23.06	108.08 3.42 -37.54	132.67 4.71 -49.52	133.39 5.81 -40.83	107.27 4.77 -33.36	87.88 4.55 -18.25	74.33 4.25 -9.37	61.47 4.13 0.00	60.04 3.77 0.00	58.49 3.72 0.00	74.58 3.98 -14.60	79.66 4.16 -20.04	87.81 4.80 -18.95	129.00 5.86 -48.93	131.53 6.78 -38.93	127.09 6.00 -44.17	110.15 5.37 -34.09	96.79 4.57 -29.64	90.57 4.04 -30.34	79.54 3.66 -21.33



ELLENBURG_WT_PWR 323604	70.30 2.38 0.00	69.55 2.35 0.00	66.94 2.08 0.00	62.36 1.76 0.00	66.58 1.75 0.00	68.93 1.81 0.00	79.31 0.86 0.00	86.58 -0.17 0.00	69.56 0.42 0.00	65.46 0.39 0.00	61.08 0.37 0.00	57.51 0.17 0.00	56.32 0.06 0.00	54.44 -0.33 0.00	55.39 -0.61 0.00	54.46 -1.00 0.00	62.58 -1.47 0.00	71.84 -2.38 0.00	82.73 -3.09 0.00	74.46 -2.46 0.00	68.63 -2.05 0.00	60.84 -1.75 0.00	54.72 -1.46 0.00	53.31 -1.25 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	62.42 -5.50 0.00	61.28 -5.91 0.00	59.48 -5.38 0.00	55.70 -4.91 0.00	59.31 -5.51 0.00	61.75 -5.37 0.00	70.60 -7.84 0.00	77.29 -9.46 0.00	61.95 -7.19 0.00	58.69 -6.38 0.00	54.52 -6.19 0.00	51.61 -5.73 0.00	50.75 -5.51 0.00	49.56 -5.20 0.00	50.46 -5.54 0.00	49.79 -5.66 0.01	56.47 -7.11 0.47	65.54 -8.09 0.59	71.95 -9.18 4.68	57.68 -8.54 10.70	61.74 -7.63 1.31	56.08 -6.51 0.00	50.90 -5.28 0.00	50.41 -4.15 0.00
EMPIRE_CC_1 323656	70.10 2.17 0.00	69.41 2.21 0.00	67.00 2.14 0.00	62.67 2.06 0.00	67.09 2.27 0.00	69.40 2.28 0.00	81.42 2.98 0.00	94.20 3.64 -3.80	72.04 2.90 0.00	68.06 2.99 0.00	63.56 2.85 0.00	60.09 2.75 0.00	58.69 2.42 0.00	57.17 2.41 0.00	58.52 2.52 0.00	57.95 2.50 0.00	66.94 2.89 0.00	78.94 3.49 -1.24	89.85 4.03 0.00	81.57 3.62 -1.03	73.94 3.25 0.00	65.41 2.82 0.00	58.71 2.53 0.00	57.02 2.46 0.00
EMPIRE_CC_2 323658	70.10 2.17 0.00	69.41 2.21 0.00	67.00 2.14 0.00	62.67 2.06 0.00	67.09 2.27 0.00	69.40 2.28 0.00	81.42 2.98 0.00	94.20 3.64 -3.80	72.04 2.90 0.00	68.06 2.99 0.00	63.56 2.85 0.00	60.09 2.75 0.00	58.69 2.42 0.00	57.17 2.41 0.00	58.52 2.52 0.00	57.95 2.50 0.00	66.94 2.89 0.00	78.94 3.49 -1.24	89.85 4.03 0.00	81.57 3.62 -1.03	73.94 3.25 0.00	65.41 2.82 0.00	58.71 2.53 0.00	57.02 2.46 0.00
ENORWICH_115KV_TB1 80156	72.68 4.75 0.00	71.63 4.44 0.00	69.21 4.35 0.00	64.85 4.24 0.00	69.23 4.41 0.00	72.28 5.17 0.00	84.87 6.43 0.00	94.29 6.68 -0.86	73.84 4.70 0.00	69.23 4.16 0.00	64.35 3.64 0.00	60.49 3.15 0.00	59.08 2.81 0.00	57.78 3.01 0.00	58.97 2.97 0.00	58.63 3.16 -0.01	69.01 4.23 -0.72	80.66 5.05 -1.40	99.35 6.26 -7.27	99.20 5.38 -16.90	77.43 4.74 -2.01	66.66 4.07 0.00	59.55 3.37 0.00	57.83 3.27 0.00
ERIE_ST_34_KV_TB1-2 80199	64.26 -3.67 0.00	63.10 -4.10 0.00	61.23 -3.63 0.00	57.27 -3.33 0.00	61.00 -3.82 0.00	63.56 -3.56 0.00	72.87 -5.57 0.00	79.72 -7.03 0.00	64.92 -4.22 0.00	61.43 -3.64 0.00	57.01 -3.70 0.00	53.96 -3.38 0.00	53.06 -3.21 0.00	51.81 -2.96 0.00	52.75 -3.25 0.00	52.06 -3.38 0.01	58.69 -4.87 0.50	68.11 -5.49 0.61	74.81 -6.09 4.91	59.91 -5.77 11.24	64.22 -5.09 1.37	58.02 -4.57 0.00	52.58 -3.60 0.00	52.05 -2.51 0.00
ERIE_WT_PWR 323693	63.10 -4.82 0.00	61.96 -5.24 0.00	60.26 -4.60 0.00	56.24 -4.36 0.00	59.90 -4.93 0.00	62.22 -4.90 0.00	71.38 -7.06 0.00	78.59 -8.16 0.00	62.78 -6.36 0.00	59.34 -5.73 0.00	55.06 -5.64 0.00	52.12 -5.22 0.00	51.32 -4.95 0.00	50.05 -4.71 0.00	50.96 -5.04 0.00	50.29 -5.16 0.01	57.03 -6.53 0.49	66.19 -7.42 0.61	72.54 -8.41 4.87	58.01 -7.77 11.14	62.40 -6.92 1.36	56.64 -5.95 0.00	51.74 -4.44 0.00	50.91 -3.66 0.00
ESPRGFLD_115KV_TB1 80157	70.03 2.11 0.00	69.28 2.08 0.00	66.88 2.01 0.00	62.54 1.94 0.00	66.96 2.14 0.00	69.60 2.48 0.00	81.74 3.29 0.00	99.70 3.56 -9.39	71.70 2.56 0.00	67.93 2.86 0.00	63.32 2.61 0.00	59.69 2.35 0.00	57.84 1.58 0.00	56.46 1.70 0.00	57.68 1.68 0.00	57.45 2.00 0.00	66.62 2.56 0.00	79.75 3.41 -2.12	90.02 4.21 0.00	83.19 3.62 -2.66	73.79 3.11 0.00	65.28 2.69 0.00	58.37 2.19 0.00	56.52 1.96 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	68.13 0.20 0.00	67.20 0.00 0.00	65.00 0.13 0.00	60.73 0.12 0.00	65.02 0.19 0.00	67.52 0.40 0.00	79.07 0.63 0.00	87.84 0.69 -0.40	69.42 0.28 0.00	65.26 0.20 0.00	60.71 0.00 0.00	57.28 -0.06 0.00	56.21 -0.06 0.00	54.76 0.00 0.00	56.06 0.06 0.00	55.60 0.11 -0.03	66.29 0.45 -1.79	77.73 0.67 -2.84	104.79 1.03 -17.94	118.92 0.77 -41.23	76.20 0.57 -4.95	63.03 0.44 0.00	56.52 0.34 0.00	54.94 0.38 0.00
ETNA____115KV_TB2 80207	68.13 0.20 0.00	67.20 0.00 0.00	65.00 0.13 0.00	60.73 0.12 0.00	65.02 0.19 0.00	67.52 0.40 0.00	79.07 0.63 0.00	87.84 0.69 -0.40	69.42 0.28 0.00	65.26 0.20 0.00	60.71 0.00 0.00	57.28 -0.06 0.00	56.21 -0.06 0.00	54.76 0.00 0.00	56.06 0.06 0.00	55.60 0.11 -0.03	66.29 0.45 -1.79	77.73 0.67 -2.84	104.79 1.03 -17.94	118.92 0.77 -41.23	76.20 0.57 -4.95	63.03 0.44 0.00	56.52 0.34 0.00	54.94 0.38 0.00
EUCLID____115KV_TB2 356179	65.75 -2.17 0.00	64.91 -2.28 0.00	62.73 -2.14 0.00	58.66 -1.94 0.00	62.75 -2.07 0.00	65.17 -1.95 0.00	76.09 -2.35 0.00	84.23 -2.52 0.00	67.06 -2.07 0.00	63.05 -2.02 0.00	58.83 -1.88 0.00	55.56 -1.78 0.00	54.69 -1.58 0.00	53.23 -1.53 0.00	54.49 -1.51 0.00	53.96 -1.50 0.00	62.33 -1.73 0.00	72.29 -1.93 0.00	83.67 -2.15 0.00	74.84 -2.08 0.00	68.70 -1.98 0.00	60.96 -1.63 0.00	54.72 -1.46 0.00	53.20 -1.36 0.00
E_CANADA_CAP_HY 24051	70.91 2.99 0.00	70.15 2.95 0.00	67.59 2.72 0.00	63.27 2.66 0.00	67.81 2.98 0.00	70.54 3.42 0.00	82.68 4.23 0.00	103.60 4.68 -12.17	71.97 2.84 0.00	67.87 2.80 0.00	63.14 2.43 0.00	59.64 2.30 0.00	57.95 1.69 0.00	56.57 1.80 0.00	57.85 1.85 0.00	57.73 2.27 0.00	67.32 3.27 0.00	81.35 4.45 -2.68	91.23 5.41 0.00	84.83 4.61 -3.30	74.71 4.03 0.00	66.22 3.63 0.00	59.16 2.98 0.00	57.29 2.73 0.00
E_CANADA_MHWK_HY 24050	70.50 2.58 0.00	69.69 2.49 0.00	67.33 2.46 0.00	62.85 2.24 0.00	67.15 2.33 0.00	69.46 2.35 0.00	80.79 2.35 0.00	89.35 2.60 0.00	71.35 2.21 0.00	67.48 2.41 0.00	62.89 2.18 0.00	59.29 1.95 0.00	58.07 1.80 0.00	56.52 1.75 0.00	57.74 1.74 0.00	57.17 1.72 0.00	66.10 2.05 0.00	76.52 2.30 0.00	88.39 2.57 0.00	79.07 2.15 0.00	72.52 1.83 0.00	64.40 1.82 0.00	57.75 1.57 0.00	56.14 1.58 0.00
E_FISHKILL____LBMP 23776	69.96 2.04 0.00	69.28 2.08 0.00	66.88 2.01 0.00	62.48 1.88 0.00	66.90 2.07 0.00	69.40 2.28 0.00	81.74 3.29 0.00	92.23 4.16 -1.32	72.53 3.39 0.00	68.39 3.32 0.00	63.74 3.04 0.00	60.32 2.98 0.00	58.97 2.70 0.00	57.45 2.68 0.00	58.86 2.86 0.00	58.45 2.99 0.00	67.58 3.52 0.00	79.24 4.30 -0.72	90.80 4.98 0.00	81.73 4.46 -0.35	74.64 3.96 0.00	65.90 3.32 0.00	59.10 2.92 0.00	57.18 2.62 0.00
FALCON____SEABRD_CC1 323796	71.45 3.53 0.00	70.69 3.49 0.00	67.98 3.11 0.00	63.33 2.73 0.00	67.61 2.79 0.00	70.74 3.62 0.00	80.25 1.81 0.00	87.36 0.61 0.00	70.24 1.10 0.00	66.17 1.11 0.00	61.68 0.97 0.00	57.91 0.57 0.00	56.61 0.34 0.00	54.55 -0.22 0.00	55.22 -0.78 0.00	54.18 -1.27 0.00	62.07 -1.99 0.00	70.95 -3.26 0.00	81.70 -4.12 0.00	73.54 -3.38 0.00	67.78 -2.90 0.00	60.08 -2.51 0.00	54.10 -2.08 0.00	53.14 -1.42 0.00



FALCON___SEABRD_CC2 323797	71.45 3.53 0.00	70.69 3.49 0.00	67.98 3.11 0.00	63.33 2.73 0.00	67.61 2.79 0.00	70.74 3.62 0.00	80.25 1.81 0.00	87.36 0.61 0.00	70.24 1.10 0.00	66.17 1.11 0.00	61.68 0.97 0.00	57.91 0.57 0.00	56.61 0.34 0.00	54.55 -0.22 0.00	55.22 -0.78 0.00	54.18 -1.27 0.00	62.07 -1.99 0.00	70.95 -3.26 0.00	81.70 -4.12 0.00	73.54 -3.38 0.00	67.78 -2.90 0.00	60.08 -2.51 0.00	54.10 -2.08 0.00	53.14 -1.42 0.00
FAR ROCKAWAY___4 23548	96.33 3.94 -24.46	94.34 3.90 -23.24	88.65 3.83 -19.96	88.54 3.52 -24.42	91.71 3.82 -23.06	108.88 4.23 -37.54	133.61 5.65 -49.52	134.34 6.77 -40.83	107.96 5.46 -33.36	88.59 5.27 -18.25	74.94 4.86 -9.37	62.10 4.76 0.00	60.60 4.33 0.00	59.04 4.27 0.00	75.19 4.59 -14.60	80.27 4.77 -20.04	88.58 5.57 -18.95	129.97 6.83 -48.93	132.73 7.98 -38.93	128.17 7.08 -44.17	111.07 6.29 -34.09	97.61 5.38 -29.64	91.30 4.78 -30.34	80.25 4.36 -21.33
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	70.16 2.24 0.00	69.41 2.22 0.00	67.01 2.14 0.00	62.60 2.00 0.00	67.09 2.27 0.00	69.67 2.55 0.00	82.29 3.84 0.00	92.91 4.86 -1.30	73.22 4.08 0.00	69.04 3.97 0.00	64.35 3.64 0.00	60.95 3.61 0.00	59.59 3.32 0.00	58.05 3.29 0.00	59.47 3.47 0.00	59.11 3.66 0.00	68.35 4.29 0.00	80.12 5.20 -0.71	91.82 6.01 0.00	82.57 5.31 -0.35	75.35 4.67 0.00	66.53 3.94 0.00	59.61 3.43 0.00	57.56 3.00 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	70.16 2.24 0.00	69.48 2.28 0.00	67.01 2.14 0.00	62.60 2.00 0.00	67.09 2.27 0.00	69.67 2.55 0.00	82.29 3.84 0.00	92.99 4.94 -1.30	73.22 4.08 0.00	69.04 3.97 0.00	64.35 3.64 0.00	60.95 3.61 0.00	59.59 3.32 0.00	58.05 3.29 0.00	59.47 3.47 0.00	59.11 3.66 0.00	68.35 4.29 0.00	80.12 5.20 -0.71	91.82 6.01 0.00	82.57 5.31 -0.35	75.42 4.74 0.00	66.53 3.94 0.00	59.61 3.43 0.00	57.56 3.00 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	70.16 2.24 0.00	69.41 2.22 0.00	67.01 2.14 0.00	62.60 2.00 0.00	67.03 2.20 0.00	69.60 2.48 0.00	82.29 3.84 0.00	92.91 4.86 -1.30	73.22 4.08 0.00	69.04 3.97 0.00	64.35 3.64 0.00	60.90 3.56 0.00	59.53 3.26 0.00	58.05 3.29 0.00	59.42 3.42 0.00	59.06 3.60 0.00	68.28 4.23 0.00	80.12 5.20 -0.71	91.74 5.92 0.00	82.50 5.23 -0.35	75.35 4.67 0.00	66.53 3.94 0.00	59.61 3.43 0.00	57.56 3.00 0.00
FARRAGUT___LBMP 323566	70.10 2.17 0.00	69.35 2.15 0.00	66.94 2.08 0.00	62.54 1.94 0.00	67.03 2.20 0.00	69.60 2.48 0.00	82.21 3.77 0.00	92.82 4.77 -1.30	73.15 4.01 0.00	68.97 3.90 0.00	64.29 3.58 0.00	60.84 3.50 0.00	59.47 3.21 0.00	58.00 3.23 0.00	59.42 3.42 0.00	59.00 3.55 0.00	68.22 4.16 0.00	80.05 5.12 -0.71	91.65 5.84 0.00	82.42 5.15 -0.35	75.28 4.59 0.00	66.47 3.88 0.00	59.55 3.37 0.00	57.51 2.95 0.00
FENNER___WINDPWR 24204	68.80 0.88 0.00	68.01 0.81 0.00	65.71 0.84 0.00	61.45 0.85 0.00	65.73 0.91 0.00	68.33 1.21 0.00	80.01 1.57 0.00	88.39 1.64 0.00	70.38 1.25 0.00	66.05 0.98 0.00	61.56 0.85 0.00	58.08 0.74 0.00	57.11 0.85 0.00	55.70 0.93 0.00	56.95 0.95 0.00	56.46 1.00 -0.01	65.75 1.35 -0.34	76.29 1.56 -0.51	91.16 1.89 -3.46	86.47 1.62 -7.93	73.05 1.41 -0.96	63.84 1.25 0.00	57.19 1.01 0.00	55.54 0.98 0.00
FIBERTEK___ENERGY 23856	66.70 -1.22 0.00	65.85 -1.34 0.00	63.63 -1.23 0.00	59.51 -1.09 0.00	63.66 -1.17 0.00	66.11 -1.01 0.00	77.34 -1.10 0.00	85.62 -1.13 0.00	68.10 -1.04 0.00	64.03 -1.04 0.00	59.68 -1.03 0.00	56.42 -0.92 0.00	55.48 -0.79 0.00	54.00 -0.77 0.00	55.27 -0.73 0.00	54.73 -0.72 0.00	63.35 -0.70 0.00	73.40 -0.82 0.00	85.05 -0.77 0.00	76.07 -0.85 0.00	69.84 -0.85 0.00	61.90 -0.69 0.00	55.51 -0.67 0.00	53.96 -0.60 0.00
FITZPATRICK____ 23598	64.94 -2.99 0.00	64.17 -3.02 0.00	62.01 -2.85 0.00	57.94 -2.67 0.00	61.97 -2.85 0.00	64.30 -2.82 0.00	75.07 -3.37 0.00	83.11 -3.64 0.00	66.17 -2.97 0.00	62.27 -2.80 0.00	58.04 -2.67 0.00	54.88 -2.46 0.00	53.91 -2.36 0.00	52.47 -2.30 0.00	53.70 -2.30 0.00	53.18 -2.28 0.00	61.37 -2.69 0.00	71.17 -3.05 0.00	82.30 -3.52 0.00	73.76 -3.16 0.00	67.72 -2.97 0.00	60.02 -2.57 0.00	53.93 -2.25 0.00	52.38 -2.18 0.00
FLOWRFLD_69_KV_BK1 356044	97.00 4.62 -24.46	95.07 4.64 -23.24	89.30 4.48 -19.96	89.20 4.18 -24.42	92.49 4.60 -23.06	109.69 5.03 -37.54	134.55 6.59 -49.52	135.38 7.81 -40.83	108.86 6.36 -33.36	89.18 5.86 -18.25	75.24 5.16 -9.37	62.27 4.93 0.00	60.77 4.50 0.00	59.15 4.38 0.00	75.36 4.76 -14.60	80.54 5.05 -20.04	88.83 5.83 -18.95	130.41 7.27 -48.93	133.16 8.41 -38.93	128.55 7.46 -44.17	111.49 6.71 -34.09	97.98 5.76 -29.64	91.47 4.94 -30.34	80.42 4.53 -21.33
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	70.78 2.85 0.00	70.02 2.82 0.00	67.66 2.79 0.00	63.15 2.55 0.00	67.68 2.85 0.00	70.20 3.09 0.00	82.76 4.31 0.00	93.19 5.12 -1.33	73.29 4.15 0.00	68.97 3.90 0.00	64.23 3.52 0.00	60.78 3.44 0.00	59.31 3.04 0.00	57.78 3.01 0.00	59.25 3.25 0.00	58.84 3.38 0.00	68.16 4.10 0.00	80.05 5.12 -0.72	91.82 6.01 0.00	82.66 5.38 -0.35	75.42 4.74 0.00	66.59 4.01 0.00	59.72 3.54 0.00	57.73 3.16 0.00
FORT ORANGE____ 23900	70.23 2.31 0.00	69.55 2.35 0.00	67.07 2.21 0.00	62.72 2.12 0.00	67.15 2.33 0.00	69.60 2.48 0.00	80.95 2.51 0.00	95.14 2.34 -6.05	71.01 1.87 0.00	67.21 2.14 0.00	62.65 1.94 0.00	59.29 1.95 0.00	57.79 1.52 0.00	56.30 1.53 0.00	57.63 1.63 0.00	56.89 1.44 0.00	65.85 1.79 0.00	77.87 2.00 -1.65	87.96 2.15 0.00	80.63 2.08 -1.64	72.74 2.05 0.00	64.40 1.82 0.00	57.75 1.57 0.00	56.80 2.24 0.00
FORT_DRUM_COGEN 23780	70.78 2.85 0.00	69.89 2.69 0.00	67.33 2.46 0.00	63.03 2.42 0.00	67.29 2.46 0.00	70.74 3.62 0.00	82.84 4.39 0.00	91.26 4.51 0.00	72.46 3.32 0.00	67.74 2.67 0.00	63.14 2.43 0.00	59.58 2.24 0.00	58.80 2.53 0.00	57.72 2.96 0.00	58.91 2.91 0.00	58.61 3.16 0.00	68.09 4.04 0.00	78.67 4.45 0.00	91.05 5.23 0.00	81.53 4.62 0.00	74.85 4.17 0.00	66.41 3.82 0.00	59.38 3.20 0.00	57.45 2.89 0.00
FOX_HILLS___ESR 323835	70.37 2.45 0.00	69.75 2.55 0.00	67.32 2.40 -0.06	66.34 2.55 -3.19	67.47 2.59 -0.06	70.01 2.89 -0.01	82.89 4.39 -0.06	93.40 5.29 -1.36	186.40 4.49 -112.76	69.79 4.36 -0.36	68.69 4.01 -3.97	69.63 3.90 -8.39	69.59 3.60 -9.73	69.59 3.56 -11.27	69.61 3.75 -9.86	69.60 3.94 -10.21	142.82 4.68 -74.09	202.10 5.71 -122.17	209.02 6.52 -116.68	199.79 5.85 -117.03	192.52 5.16 -116.68	87.63 4.38 -20.66	69.83 3.88 -9.78	68.72 3.44 -10.72
FPL FAR_ROCK_GT1 24212	96.32 3.94 -24.46	94.33 3.90 -23.24	88.59 3.76 -19.96	88.53 3.51 -24.42	91.71 3.82 -23.06	108.88 4.23 -37.54	133.61 5.65 -49.52	134.43 6.85 -40.83	107.96 5.46 -33.36	88.59 5.27 -18.25	74.94 4.86 -9.37	62.10 4.76 0.00	60.60 4.33 0.00	59.04 4.27 0.00	75.19 4.59 -14.60	80.21 4.71 -20.04	88.57 5.57 -18.95	129.96 6.82 -48.93	132.73 7.98 -38.93	128.17 7.07 -44.18	111.07 6.29 -34.09	97.61 5.38 -29.64	91.19 4.66 -30.34	80.25 4.37 -21.33



FPL_FAR_ROCK_GT2 23815	96.32 3.94 -24.46	94.33 3.90 -23.24	88.59 3.76 -19.96	88.53 3.51 -24.42	91.71 3.82 -23.06	108.88 4.23 -37.54	133.61 5.65 -49.52	134.43 6.85 -40.83	107.96 5.46 -33.36	88.59 5.27 -18.25	74.94 4.86 -9.37	62.10 4.76 0.00	60.60 4.33 0.00	59.04 4.27 0.00	75.19 4.59 -14.60	80.21 4.71 -20.04	88.57 5.57 -18.95	129.96 6.82 -48.93	132.73 7.98 -38.93	128.17 7.07 -44.18	111.07 6.29 -34.09	97.61 5.38 -29.64	91.19 4.66 -30.34	80.25 4.37 -21.33
FRANKLIN_FALL_HYD 24054	71.80 3.87 0.00	71.03 3.83 0.00	68.30 3.44 0.00	63.63 3.03 0.00	67.87 3.05 0.00	70.81 3.69 0.00	81.34 2.90 0.00	88.74 2.00 0.00	71.01 1.87 0.00	66.83 1.76 0.00	62.47 1.76 0.00	58.89 1.55 0.00	58.07 1.80 0.00	56.41 1.64 0.00	57.40 1.40 0.00	56.56 1.11 0.00	65.02 0.96 0.00	74.44 0.22 0.00	85.47 -0.34 0.00	77.00 0.08 0.00	71.25 0.57 0.00	63.46 0.88 0.00	57.19 1.01 0.00	55.43 0.87 0.00
FREEPORT_EQUS_GT1 23764	95.92 3.53 -24.46	93.93 3.49 -23.24	88.20 3.37 -19.96	88.17 3.15 -24.42	91.32 3.43 -23.06	108.48 3.82 -37.54	133.14 5.18 -49.52	133.91 6.33 -40.83	107.61 5.12 -33.36	88.21 4.88 -18.25	74.64 4.56 -9.37	61.76 4.42 0.00	60.32 4.05 0.00	58.76 4.00 0.00	74.91 4.31 -14.60	79.88 4.38 -20.04	88.19 5.19 -18.95	129.45 6.30 -48.93	132.13 7.38 -38.93	127.63 6.53 -44.18	110.64 5.86 -34.09	97.23 5.01 -29.64	90.85 4.33 -30.34	79.87 3.98 -21.33
FREEPORT___CT2 23818	95.92 3.53 -24.46	93.93 3.49 -23.24	88.20 3.37 -19.96	88.17 3.15 -24.42	91.32 3.43 -23.06	108.48 3.82 -37.54	133.14 5.18 -49.52	133.91 6.33 -40.83	107.61 5.12 -33.36	88.21 4.88 -18.25	74.64 4.56 -9.37	61.76 4.42 0.00	60.32 4.05 0.00	58.76 4.00 0.00	74.91 4.31 -14.60	79.88 4.38 -20.04	88.19 5.19 -18.95	129.45 6.30 -48.93	132.13 7.38 -38.93	127.63 6.53 -44.18	110.64 5.86 -34.09	97.23 5.01 -29.64	90.85 4.33 -30.34	79.87 3.98 -21.33
FRESHKLS_33_KV_LOAD 356253	70.16 2.24 0.00	69.62 2.42 0.00	67.19 2.27 -0.06	66.22 2.42 -3.19	67.34 2.46 -0.06	69.88 2.75 -0.01	82.66 4.16 -0.06	93.14 5.03 -1.36	186.19 4.29 -112.76	69.60 4.16 -0.36	68.45 3.76 -3.97	69.45 3.73 -8.39	69.43 3.43 -9.73	69.43 3.40 -11.27	69.44 3.58 -9.86	69.43 3.77 -10.21	142.56 4.42 -74.09	201.87 5.49 -122.17	208.76 6.26 -116.68	199.56 5.62 -117.03	192.38 5.02 -116.68	87.50 4.26 -20.66	69.67 3.71 -9.78	68.61 3.33 -10.72
FULTON COGEN____ 23766	67.11 -0.82 0.00	66.19 -1.01 0.00	63.96 -0.91 0.00	59.82 -0.79 0.00	64.05 -0.78 0.00	66.58 -0.54 0.00	77.97 -0.47 0.00	86.31 -0.43 0.00	68.66 -0.48 0.00	64.42 -0.65 0.00	60.10 -0.61 0.00	56.82 -0.52 0.00	55.99 -0.28 0.00	54.55 -0.22 0.00	55.78 -0.22 0.00	55.29 -0.17 0.00	63.99 -0.06 0.00	74.22 0.00 0.00	85.99 0.17 0.00	76.92 0.00 0.00	70.54 -0.14 0.00	62.53 -0.06 0.00	56.07 -0.11 0.00	54.40 -0.16 0.00
FULTON___LFGE 323630	71.79 3.87 0.00	71.03 3.83 0.00	68.37 3.50 0.00	64.00 3.39 0.00	68.58 3.76 0.00	71.35 4.23 0.00	83.85 5.41 0.00	105.98 5.90 -13.33	73.01 3.87 0.00	68.91 3.84 0.00	64.11 3.40 0.00	60.49 3.15 0.00	58.86 2.59 0.00	57.45 2.68 0.00	58.69 2.69 0.00	58.56 3.10 0.00	68.22 4.16 0.00	82.62 5.49 -2.92	92.43 6.61 0.00	86.30 5.77 -3.61	75.78 5.09 0.00	67.03 4.44 0.00	59.94 3.76 0.00	58.00 3.44 0.00
G.F.CEMENT___DRP 24184	72.95 5.03 0.00	72.17 4.97 0.00	69.60 4.74 0.00	65.09 4.48 0.00	69.69 4.86 0.00	72.42 5.30 0.00	85.19 6.75 0.00	109.32 9.54 -13.02	76.81 7.67 0.00	72.68 7.61 0.00	67.45 6.74 0.00	63.82 6.48 0.00	62.06 5.80 0.00	60.41 5.64 0.00	61.88 5.88 0.00	61.50 6.04 0.00	71.04 6.98 0.00	86.19 9.05 -2.92	96.46 10.64 0.00	89.85 9.23 -3.69	78.95 8.27 0.00	69.91 7.32 0.00	62.47 6.29 0.00	60.62 6.06 0.00
GARDENVILLE___LBMP 24039	62.83 -5.09 0.00	61.69 -5.51 0.00	59.87 -4.99 0.00	56.06 -4.55 0.00	59.64 -5.19 0.00	62.15 -4.97 0.00	71.15 -7.30 0.00	77.81 -8.94 0.00	62.43 -6.71 0.00	59.15 -5.92 0.00	54.94 -5.77 0.00	51.95 -5.39 0.00	51.09 -5.18 0.00	49.89 -4.87 0.00	50.79 -5.21 0.00	50.12 -5.32 0.01	56.84 -6.73 0.49	66.04 -7.57 0.61	72.35 -8.58 4.88	57.76 -8.00 11.16	62.18 -7.14 1.36	56.45 -6.13 0.00	51.24 -4.94 0.00	50.74 -3.82 0.00
GARDNVLA_35_KV_LD 355827	63.17 -4.75 0.00	62.02 -5.17 0.00	60.20 -4.67 0.00	56.30 -4.30 0.00	59.96 -4.86 0.00	62.49 -4.63 0.00	71.46 -6.98 0.00	78.25 -8.50 0.00	62.78 -6.36 0.00	59.41 -5.66 0.00	55.18 -5.52 0.00	52.18 -5.16 0.00	51.37 -4.90 0.00	50.11 -4.66 0.00	51.02 -4.98 0.00	50.34 -5.10 0.01	57.09 -6.47 0.49	66.26 -7.35 0.61	72.71 -8.24 4.87	58.09 -7.69 11.14	62.47 -6.86 1.36	56.70 -5.88 0.00	51.46 -4.72 0.00	50.96 -3.60 0.00
GELCKHM___115KV_LOAD 80723	66.09 -1.83 0.00	65.25 -1.95 0.00	63.05 -1.82 0.00	58.97 -1.64 0.00	63.07 -1.75 0.00	65.51 -1.61 0.00	76.56 -1.88 0.00	84.75 -2.00 0.00	67.41 -1.73 0.00	63.38 -1.69 0.00	59.13 -1.58 0.00	55.91 -1.43 0.00	54.97 -1.29 0.00	53.56 -1.20 0.00	54.77 -1.23 0.00	54.23 -1.22 0.00	62.71 -1.35 0.00	72.66 -1.56 0.00	84.19 -1.63 0.00	75.30 -1.62 0.00	69.13 -1.56 0.00	61.27 -1.31 0.00	55.00 -1.18 0.00	53.47 -1.09 0.00
GENERAL___MILLS 23808	63.10 -4.82 0.00	61.89 -5.31 0.00	60.13 -4.74 0.00	56.24 -4.36 0.00	59.90 -4.93 0.00	62.42 -4.70 0.00	71.38 -7.06 0.00	78.07 -8.67 0.00	62.71 -6.43 0.00	59.34 -5.73 0.00	55.12 -5.59 0.00	52.18 -5.16 0.00	51.32 -4.95 0.00	50.06 -4.71 0.00	51.02 -4.98 0.00	50.29 -5.16 0.01	57.03 -6.53 0.49	66.19 -7.42 0.61	72.62 -8.32 4.87	58.01 -7.77 11.14	62.40 -6.93 1.36	56.64 -5.95 0.00	51.40 -4.78 0.00	50.91 -3.66 0.00
GE_PLASTICS___DRP 24183	69.62 1.70 0.00	69.01 1.81 0.00	66.62 1.75 0.00	62.24 1.64 0.00	66.64 1.82 0.00	69.00 1.88 0.00	80.80 2.35 0.00	94.34 2.43 -5.17	71.14 2.01 0.00	67.28 2.21 0.00	62.77 2.06 0.00	59.35 2.01 0.00	57.90 1.63 0.00	56.41 1.64 0.00	57.74 1.74 0.00	57.12 1.66 0.00	65.91 1.86 0.00	78.01 2.30 -1.49	88.39 2.57 0.00	80.60 2.38 -1.29	72.95 2.26 0.00	64.53 1.94 0.00	57.87 1.69 0.00	56.36 1.80 0.00
GILBOA___1 23756	69.21 1.29 0.00	68.74 1.55 0.00	66.36 1.49 0.00	62.00 1.39 0.00	66.38 1.55 0.00	68.59 1.47 0.00	80.40 1.96 0.00	90.00 2.43 -0.83	71.07 1.93 0.00	67.02 1.95 0.00	62.47 1.76 0.00	59.06 1.72 0.00	57.79 1.52 0.00	56.30 1.53 0.00	57.63 1.63 0.00	57.12 1.66 0.00	66.04 1.99 0.00	77.27 2.45 -0.61	88.65 2.83 0.00	79.68 2.53 -0.22	72.95 2.26 0.00	64.53 1.94 0.00	57.81 1.63 0.00	56.14 1.58 0.00
GILBOA___2 23757	69.21 1.29 0.00	68.74 1.55 0.00	66.36 1.49 0.00	62.00 1.39 0.00	66.38 1.55 0.00	68.59 1.47 0.00	80.40 1.96 0.00	90.00 2.43 -0.83	71.07 1.93 0.00	67.02 1.95 0.00	62.47 1.76 0.00	59.06 1.72 0.00	57.79 1.52 0.00	56.30 1.53 0.00	57.63 1.63 0.00	57.12 1.66 0.00	66.04 1.99 0.00	77.27 2.45 -0.61	88.65 2.83 0.00	79.68 2.53 -0.22	72.95 2.26 0.00	64.53 1.94 0.00	57.81 1.63 0.00	56.14 1.58 0.00



GILBOA___3 23758	69.21 1.29 0.00	68.74 1.55 0.00	66.36 1.49 0.00	62.00 1.39 0.00	66.38 1.55 0.00	68.59 1.47 0.00	80.40 1.96 0.00	90.00 2.43 -0.83	71.07 1.93 0.00	67.02 1.95 0.00	62.47 1.76 0.00	59.06 1.72 0.00	57.79 1.52 0.00	56.30 1.53 0.00	57.63 1.63 0.00	57.12 1.66 0.00	66.04 1.99 0.00	77.27 2.45 -0.61	88.65 2.83 0.00	79.68 2.53 -0.22	72.95 2.26 0.00	64.53 1.94 0.00	57.81 1.63 0.00	56.14 1.58 0.00
GILBOA___4 23759	69.21 1.29 0.00	68.74 1.55 0.00	66.36 1.49 0.00	62.00 1.39 0.00	66.38 1.55 0.00	68.59 1.47 0.00	80.40 1.96 0.00	90.00 2.43 -0.83	71.07 1.93 0.00	67.02 1.95 0.00	62.47 1.76 0.00	59.06 1.72 0.00	57.79 1.52 0.00	56.30 1.53 0.00	57.63 1.63 0.00	57.12 1.66 0.00	66.04 1.99 0.00	77.27 2.45 -0.61	88.65 2.83 0.00	79.68 2.53 -0.22	72.95 2.26 0.00	64.53 1.94 0.00	57.81 1.63 0.00	56.14 1.58 0.00
GILBOA___ 23599	69.21 1.29 0.00	68.74 1.55 0.00	66.36 1.49 0.00	62.00 1.39 0.00	66.38 1.56 0.00	68.53 1.41 0.00	80.40 1.96 0.00	90.00 2.43 -0.83	71.07 1.94 0.00	67.02 1.95 0.00	62.47 1.76 0.00	59.06 1.72 0.00	57.79 1.52 0.00	56.30 1.53 0.00	57.62 1.62 0.00	57.12 1.66 0.00	66.04 1.99 0.00	77.28 2.45 -0.61	88.65 2.83 0.00	79.67 2.54 -0.22	72.95 2.26 0.00	64.53 1.94 0.00	57.87 1.69 0.00	56.14 1.58 0.00
GINNA___ 23603	61.40 -6.52 0.00	60.34 -6.85 0.00	58.44 -6.42 0.00	54.73 -5.88 0.00	58.47 -6.35 0.00	60.80 -6.31 0.00	70.60 -7.84 0.00	78.25 -8.50 0.00	62.23 -6.91 0.00	58.63 -6.44 0.00	54.58 -6.13 0.00	51.55 -5.79 0.00	50.76 -5.51 0.00	49.45 -5.31 0.00	50.57 -5.43 0.00	50.02 -5.43 0.00	57.27 -6.53 0.25	66.35 -7.49 0.38	74.95 -8.32 2.54	63.41 -7.69 5.82	62.85 -7.14 0.70	56.46 -6.13 0.00	51.01 -5.17 0.00	49.70 -4.86 0.00
GLEN PARK___ 23778	71.18 3.26 0.00	70.22 3.03 0.00	67.72 2.85 0.00	63.33 2.73 0.00	67.61 2.79 0.00	71.07 3.96 0.00	83.31 4.87 0.00	90.74 3.99 0.00	72.73 3.59 0.00	68.06 2.99 0.00	63.38 2.67 0.00	59.75 2.41 0.00	59.02 2.76 0.00	57.89 3.12 0.00	59.13 3.13 0.00	58.84 3.38 0.00	68.41 4.36 0.00	79.11 4.90 0.00	90.71 4.89 0.00	82.15 5.23 0.00	75.28 4.59 0.00	66.78 4.19 0.00	59.72 3.54 0.00	57.72 3.16 0.00
GLENDALE_27_KV_LOAD 356172	70.57 2.65 0.00	69.82 2.62 0.00	67.40 2.53 0.00	63.09 2.48 0.00	67.48 2.66 0.00	70.07 2.95 0.00	82.99 4.55 0.00	93.69 5.64 -1.30	89.86 4.70 -16.02	74.72 4.55 -5.10	65.52 4.19 -0.62	62.80 4.13 -1.33	62.51 3.77 -2.48	60.33 3.78 -1.79	61.54 3.98 -1.56	61.23 4.16 -1.62	79.45 4.87 -10.52	98.12 5.94 -17.97	109.18 6.78 -16.58	99.84 6.00 -16.92	92.63 5.37 -16.58	67.16 4.57 0.00	60.48 3.93 -0.36	58.05 3.49 0.00
GLENWOOD_IC_1_G5 23712	95.92 3.53 -24.46	93.93 3.49 -23.24	88.20 3.37 -19.96	88.17 3.15 -24.42	91.39 3.50 -23.06	108.21 3.56 -37.54	132.91 4.94 -49.52	133.56 5.99 -40.83	107.40 4.91 -33.36	88.27 4.95 -18.25	74.63 4.55 -9.37	61.76 4.42 0.00	60.32 4.05 0.00	58.76 4.00 0.00	74.91 4.31 -14.60	79.93 4.44 -20.04	88.19 5.19 -18.95	129.23 6.09 -48.93	131.79 7.04 -38.93	127.32 6.23 -44.17	110.36 5.58 -34.09	96.98 4.76 -29.64	90.91 4.38 -30.34	79.87 3.98 -21.33
GLENWOOD_IC_2_G1 23688	95.78 3.39 -24.46	93.80 3.36 -23.24	88.07 3.24 -19.96	88.05 3.03 -24.42	91.19 3.30 -23.06	108.28 3.62 -37.54	132.91 4.94 -49.52	133.65 6.07 -40.83	107.40 4.91 -33.36	88.14 4.82 -18.25	74.51 4.43 -9.37	61.64 4.30 0.00	60.20 3.94 0.00	58.65 3.89 0.00	74.74 4.14 -14.60	79.77 4.27 -20.04	88.06 5.06 -18.95	129.23 6.09 -48.93	131.79 7.04 -38.93	127.32 6.23 -44.18	110.36 5.58 -34.09	96.98 4.75 -29.64	90.68 4.16 -30.34	79.71 3.82 -21.33
GLENWOOD_IC_3_G1 23689	95.78 3.39 -24.46	93.80 3.36 -23.24	88.07 3.24 -19.96	88.05 3.03 -24.42	91.19 3.30 -23.06	108.28 3.62 -37.54	132.91 4.94 -49.52	133.65 6.07 -40.83	107.40 4.91 -33.36	88.14 4.82 -18.25	74.51 4.43 -9.37	61.64 4.30 0.00	60.20 3.94 0.00	58.65 3.89 0.00	74.74 4.14 -14.60	79.77 4.27 -20.04	88.06 5.06 -18.95	129.23 6.09 -48.93	131.79 7.04 -38.93	127.32 6.23 -44.18	110.36 5.58 -34.09	96.98 4.75 -29.64	90.68 4.16 -30.34	79.71 3.82 -21.33
GLENWOOD___4 23550	95.92 3.53 -24.46	93.93 3.49 -23.24	88.20 3.37 -19.96	88.17 3.15 -24.42	91.39 3.50 -23.06	108.28 3.62 -37.54	132.98 5.02 -49.52	133.65 6.07 -40.83	107.47 4.98 -33.36	88.27 4.95 -18.25	74.63 4.55 -9.37	61.76 4.42 0.00	60.32 4.05 0.00	58.76 4.00 0.00	74.91 4.31 -14.60	79.93 4.44 -20.04	88.19 5.19 -18.95	129.30 6.16 -48.93	131.87 7.12 -38.93	127.48 6.38 -44.17	110.43 5.65 -34.09	97.04 4.82 -29.64	90.91 4.38 -30.34	79.87 3.98 -21.33
GLENWOOD___5 23614	95.92 3.53 -24.46	93.93 3.49 -23.24	88.20 3.37 -19.96	88.17 3.15 -24.42	91.39 3.50 -23.06	108.28 3.62 -37.54	132.98 5.02 -49.52	133.65 6.07 -40.83	107.47 4.98 -33.36	88.27 4.95 -18.25	74.63 4.55 -9.37	61.76 4.42 0.00	60.32 4.05 0.00	58.76 4.00 0.00	74.91 4.31 -14.60	79.93 4.44 -20.04	88.19 5.19 -18.95	129.30 6.16 -48.93	131.87 7.12 -38.93	127.48 6.38 -44.17	110.43 5.65 -34.09	97.04 4.82 -29.64	90.91 4.38 -30.34	79.87 3.98 -21.33
GLOBAL GREEN_PORT_GT1 23814	98.97 6.59 -24.46	97.09 6.65 -23.24	91.31 6.49 -19.96	91.08 6.06 -24.42	94.50 6.62 -23.06	112.04 7.38 -37.54	137.22 9.25 -49.52	138.33 10.75 -40.83	110.79 8.29 -33.36	90.67 7.35 -18.25	76.28 6.20 -9.37	62.96 5.62 0.00	61.22 4.95 0.00	59.37 4.60 0.00	75.42 4.82 -14.60	80.54 5.05 -20.04	88.83 5.83 -18.95	130.79 7.65 -48.93	133.07 8.32 -38.93	128.33 7.23 -44.18	111.14 6.36 -34.09	97.61 5.38 -29.64	91.02 4.50 -30.34	80.47 4.58 -21.33
GLOBE___DSASP 323697	59.91 -8.01 0.00	58.86 -8.33 0.00	57.15 -7.72 0.00	53.57 -7.03 0.00	56.98 -7.84 0.00	59.40 -7.72 0.00	67.54 -10.90 0.00	73.91 -12.84 0.00	59.11 -10.03 0.00	56.09 -8.98 0.00	52.21 -8.50 0.00	49.37 -7.97 0.00	48.67 -7.60 0.00	47.48 -7.28 0.00	48.44 -7.56 0.00	47.74 -7.71 0.01	53.97 -9.67 0.42	62.79 -10.91 0.52	69.20 -12.44 4.17	56.06 -11.31 9.55	59.41 -10.11 1.16	53.76 -8.82 0.00	48.93 -7.25 0.00	48.56 -6.00 0.00
GOETHSLN___LBMP 323567	69.33 1.70 0.29	68.88 1.68 0.00	66.55 1.69 0.00	62.18 1.58 0.00	66.57 1.75 0.00	69.13 2.01 0.00	71.33 3.22 10.33	72.82 4.16 18.09	70.33 3.53 2.33	68.52 3.45 0.00	63.87 3.16 0.00	60.49 3.15 0.00	59.14 2.87 0.00	57.61 2.85 0.00	59.02 3.02 0.00	58.67 3.22 0.00	67.83 3.78 0.00	71.33 4.60 7.49	71.24 5.23 19.81	71.40 4.69 10.21	70.62 4.10 4.16	66.03 3.44 0.00	59.16 2.98 0.00	57.12 2.56 0.00
GOLAH___69_KV_TB 1_2 80279	63.51 -4.42 0.00	62.36 -4.84 0.00	60.39 -4.48 0.00	56.60 -4.00 0.00	60.48 -4.34 0.00	62.95 -4.16 0.00	72.48 -5.96 0.00	79.81 -6.94 0.00	63.68 -5.46 0.00	60.06 -5.01 0.00	55.79 -4.92 0.00	52.70 -4.64 0.00	51.82 -4.45 0.00	50.49 -4.27 0.00	51.63 -4.37 0.00	51.01 -4.44 0.01	58.32 -5.44 0.29	67.79 -6.09 0.34	76.24 -6.69 2.89	64.00 -6.31 6.62	64.02 -5.87 0.80	57.64 -4.94 0.00	52.14 -4.04 0.00	51.18 -3.38 0.00



GOODYEAR_LAKE_HYD 323669	69.76 1.83 0.00	69.08 1.88 0.00	66.68 1.82 0.00	62.36 1.76 0.00	66.70 1.88 0.00	69.26 2.15 0.00	81.34 2.90 0.00	94.07 3.21 -4.12	71.90 2.77 0.00	68.06 2.99 0.00	63.44 2.73 0.00	59.86 2.52 0.00	58.24 1.97 0.00	56.79 2.03 0.00	58.07 2.07 0.00	57.67 2.22 0.00	66.49 2.43 0.00	78.32 3.04 -1.06	89.51 3.69 0.00	81.31 3.23 -1.16	73.44 2.76 0.00	64.97 2.38 0.00	58.15 1.97 0.00	56.36 1.80 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	67.18 -0.75 0.00	66.32 -0.87 0.00	64.09 -0.78 0.00	59.94 -0.67 0.00	64.05 -0.78 0.00	66.51 -0.60 0.00	77.66 -0.78 0.00	86.28 -1.04 -0.57	68.03 -1.11 0.00	64.09 -0.98 0.00	59.68 -1.03 0.00	56.37 -0.97 0.00	55.31 -0.96 0.00	53.89 -0.88 0.00	55.10 -0.90 0.00	54.56 -0.89 0.00	62.98 -0.83 0.25	73.29 -0.82 0.11	82.48 -0.86 2.48	70.55 -0.85 5.52	69.15 -0.85 0.69	61.84 -0.75 0.00	55.56 -0.62 0.00	54.18 -0.38 0.00
GOUDEY___7 23579	67.18 -0.75 0.00	66.32 -0.87 0.00	64.09 -0.78 0.00	59.94 -0.67 0.00	64.05 -0.78 0.00	66.51 -0.60 0.00	77.66 -0.78 0.00	86.28 -1.04 -0.57	68.03 -1.11 0.00	64.09 -0.98 0.00	59.68 -1.03 0.00	56.37 -0.97 0.00	55.31 -0.96 0.00	53.89 -0.88 0.00	55.10 -0.90 0.00	54.56 -0.89 0.00	62.98 -0.83 0.25	73.29 -0.82 0.11	82.48 -0.86 2.48	70.55 -0.85 5.52	69.15 -0.85 0.69	61.84 -0.75 0.00	55.56 -0.62 0.00	54.18 -0.38 0.00
GOUDEY___8 23580	67.18 -0.75 0.00	66.32 -0.87 0.00	64.09 -0.78 0.00	59.94 -0.67 0.00	64.05 -0.78 0.00	66.51 -0.60 0.00	77.66 -0.78 0.00	86.28 -1.04 -0.57	68.03 -1.11 0.00	64.09 -0.98 0.00	59.68 -1.03 0.00	56.37 -0.97 0.00	55.31 -0.96 0.00	53.89 -0.88 0.00	55.10 -0.90 0.00	54.56 -0.89 0.00	62.98 -0.83 0.25	73.29 -0.82 0.11	82.48 -0.86 2.48	70.55 -0.85 5.52	69.15 -0.85 0.69	61.84 -0.75 0.00	55.56 -0.62 0.00	54.18 -0.38 0.00
GOWANUS_GT1_1 24077	70.71 2.78 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.47 2.67 -3.19	67.73 2.85 -0.06	70.28 3.15 -0.01	83.20 4.71 -0.06	93.83 5.73 -1.36	186.74 4.84 -112.76	105.67 4.68 -35.92	69.46 4.31 -4.45	70.93 4.19 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.17 4.27 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.10 6.15 -117.03	192.88 5.51 -116.68	87.94 4.69 -20.66	70.06 4.10 -9.78	68.93 3.66 -10.72
GOWANUS_GT1_2 24078	70.71 2.78 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.47 2.67 -3.19	67.73 2.85 -0.06	70.28 3.15 -0.01	83.20 4.71 -0.06	93.83 5.73 -1.36	186.74 4.84 -112.76	105.67 4.68 -35.92	69.46 4.31 -4.45	70.93 4.19 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.17 4.27 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.10 6.15 -117.03	192.88 5.51 -116.68	87.94 4.69 -20.66	70.06 4.10 -9.78	68.93 3.66 -10.72
GOWANUS_GT1_3 24079	70.71 2.78 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.47 2.67 -3.19	67.73 2.85 -0.06	70.28 3.15 -0.01	83.20 4.71 -0.06	93.83 5.73 -1.36	186.74 4.84 -112.76	105.67 4.68 -35.92	69.46 4.31 -4.45	70.93 4.19 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.17 4.27 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.10 6.15 -117.03	192.88 5.51 -116.68	87.94 4.69 -20.66	70.06 4.10 -9.78	68.93 3.66 -10.72
GOWANUS_GT1_4 24080	70.71 2.78 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.47 2.67 -3.19	67.73 2.85 -0.06	70.28 3.15 -0.01	83.20 4.71 -0.06	93.83 5.73 -1.36	186.74 4.84 -112.76	105.67 4.68 -35.92	69.46 4.31 -4.45	70.93 4.19 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.17 4.27 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.10 6.15 -117.03	192.88 5.51 -116.68	87.94 4.69 -20.66	70.06 4.10 -9.78	68.93 3.66 -10.72
GOWANUS_GT1_5 24084	70.71 2.78 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.47 2.67 -3.19	67.73 2.85 -0.06	70.28 3.15 -0.01	83.20 4.71 -0.06	93.83 5.73 -1.36	186.74 4.84 -112.76	105.67 4.68 -35.92	69.46 4.31 -4.45	70.93 4.19 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.17 4.27 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.10 6.15 -117.03	192.88 5.51 -116.68	87.94 4.69 -20.66	70.06 4.10 -9.78	68.93 3.66 -10.72
GOWANUS_GT1_6 24111	70.71 2.78 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.47 2.67 -3.19	67.73 2.85 -0.06	70.28 3.15 -0.01	83.20 4.71 -0.06	93.83 5.73 -1.36	186.74 4.84 -112.76	105.67 4.68 -35.92	69.46 4.31 -4.45	70.93 4.19 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.17 4.27 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.10 6.15 -117.03	192.88 5.51 -116.68	87.94 4.69 -20.66	70.06 4.10 -9.78	68.93 3.66 -10.72
GOWANUS_GT1_7 24112	70.71 2.78 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.47 2.67 -3.19	67.73 2.85 -0.06	70.28 3.15 -0.01	83.20 4.71 -0.06	93.83 5.73 -1.36	186.74 4.84 -112.76	105.67 4.68 -35.92	69.46 4.31 -4.45	70.93 4.19 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.17 4.27 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.10 6.15 -117.03	192.88 5.51 -116.68	87.94 4.69 -20.66	70.06 4.10 -9.78	68.93 3.66 -10.72
GOWANUS_GT1_8 24113	70.71 2.78 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.47 2.67 -3.19	67.73 2.85 -0.06	70.28 3.15 -0.01	83.20 4.71 -0.06	93.83 5.73 -1.36	186.74 4.84 -112.76	105.67 4.68 -35.92	69.46 4.31 -4.45	70.93 4.19 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.17 4.27 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.10 6.15 -117.03	192.88 5.51 -116.68	87.94 4.69 -20.66	70.06 4.10 -9.78	68.93 3.66 -10.72
GOWANUS_GT2_1 24114	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
GOWANUS_GT2_2 24115	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
GOWANUS_GT2_3 24116	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72



GOWANUS_GT2_4 24117	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
GOWANUS_GT2_5 24118	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
GOWANUS_GT2_6 24119	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
GOWANUS_GT2_7 24120	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
GOWANUS_GT2_8 24121	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
GOWANUS_GT3_1 24122	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
GOWANUS_GT3_2 24123	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
GOWANUS_GT3_3 24124	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
GOWANUS_GT3_4 24125	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
GOWANUS_GT3_5 24126	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
GOWANUS_GT3_6 24127	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
GOWANUS_GT3_7 24128	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
GOWANUS_GT3_8 24129	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
GOWANUS_GT4_1 24130	70.71 2.78 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.47 2.67 -3.19	67.73 2.85 -0.06	70.28 3.15 -0.01	83.20 4.71 -0.06	93.83 5.73 -1.36	186.74 4.84 -112.76	105.67 4.68 -35.92	69.46 4.31 -4.45	70.93 4.19 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.17 4.27 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.10 6.15 -117.03	192.88 5.51 -116.68	87.94 4.69 -20.66	70.06 4.10 -9.78	68.93 3.66 -10.72
GOWANUS_GT4_2 24131	70.71 2.78 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.47 2.67 -3.19	67.73 2.85 -0.06	70.28 3.15 -0.01	83.20 4.71 -0.06	93.83 5.73 -1.36	186.74 4.84 -112.76	105.67 4.68 -35.92	69.46 4.31 -4.45	70.93 4.19 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.17 4.27 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.10 6.15 -117.03	192.88 5.51 -116.68	87.94 4.69 -20.66	70.06 4.10 -9.78	68.93 3.66 -10.72



GOWANUS_GT4_3 24132	70.71 2.78 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.47 2.67 -3.19	67.73 2.85 -0.06	70.28 3.15 -0.01	83.20 4.71 -0.06	93.83 5.73 -1.36	186.74 4.84 -112.76	105.67 4.68 -35.92	69.46 4.31 -4.45	70.93 4.19 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.17 4.27 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.10 6.15 -117.03	192.88 5.51 -116.68	87.94 4.69 -20.66	70.06 4.10 -9.78	68.93 3.66 -10.72
GOWANUS_GT4_4 24133	70.71 2.78 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.47 2.67 -3.19	67.73 2.85 -0.06	70.28 3.15 -0.01	83.20 4.71 -0.06	93.83 5.73 -1.36	186.74 4.84 -112.76	105.67 4.68 -35.92	69.46 4.31 -4.45	70.93 4.19 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.17 4.27 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.10 6.15 -117.03	192.88 5.51 -116.68	87.94 4.69 -20.66	70.06 4.10 -9.78	68.93 3.66 -10.72
GOWANUS_GT4_5 24134	70.71 2.78 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.47 2.67 -3.19	67.73 2.85 -0.06	70.28 3.15 -0.01	83.20 4.71 -0.06	93.83 5.73 -1.36	186.74 4.84 -112.76	105.67 4.68 -35.92	69.46 4.31 -4.45	70.93 4.19 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.17 4.27 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.10 6.15 -117.03	192.88 5.51 -116.68	87.94 4.69 -20.66	70.06 4.10 -9.78	68.93 3.66 -10.72
GOWANUS_GT4_6 24135	70.71 2.78 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.47 2.67 -3.19	67.73 2.85 -0.06	70.28 3.15 -0.01	83.20 4.71 -0.06	93.83 5.73 -1.36	186.74 4.84 -112.76	105.67 4.68 -35.92	69.46 4.31 -4.45	70.93 4.19 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.17 4.27 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.10 6.15 -117.03	192.88 5.51 -116.68	87.94 4.69 -20.66	70.06 4.10 -9.78	68.93 3.66 -10.72
GOWANUS_GT4_7 24136	70.71 2.78 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.47 2.67 -3.19	67.73 2.85 -0.06	70.28 3.15 -0.01	83.20 4.71 -0.06	93.83 5.73 -1.36	186.74 4.84 -112.76	105.67 4.68 -35.92	69.46 4.31 -4.45	70.93 4.19 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.17 4.27 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.10 6.15 -117.03	192.88 5.51 -116.68	87.94 4.69 -20.66	70.06 4.10 -9.78	68.93 3.66 -10.72
GOWANUS_GT4_8 24137	70.71 2.78 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.47 2.67 -3.19	67.73 2.85 -0.06	70.28 3.15 -0.01	83.20 4.71 -0.06	93.83 5.73 -1.36	186.74 4.84 -112.76	105.67 4.68 -35.92	69.46 4.31 -4.45	70.93 4.19 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.17 4.27 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.10 6.15 -117.03	192.88 5.51 -116.68	87.94 4.69 -20.66	70.06 4.10 -9.78	68.93 3.66 -10.72
GREENBSH_115KV_TB3 55895	69.83 1.90 0.00	69.15 1.95 0.00	66.75 1.88 0.00	62.36 1.76 0.00	66.77 1.94 0.00	69.13 2.01 0.00	80.95 2.51 0.00	95.42 2.43 -6.24	71.14 2.01 0.00	67.35 2.28 0.00	62.77 2.06 0.00	59.40 2.06 0.00	57.90 1.63 0.00	56.41 1.64 0.00	57.74 1.74 0.00	57.01 1.55 0.00	65.79 1.73 0.00	78.05 2.15 -1.68	88.05 2.23 0.00	80.70 2.15 -1.62	72.80 2.12 0.00	64.40 1.82 0.00	57.75 1.57 0.00	56.42 1.86 0.00
GREENDGE_115KV_TB5 80291	66.23 -1.70 0.00	65.11 -2.08 0.00	63.31 -1.56 0.00	59.27 -1.33 0.00	63.33 -1.49 0.00	65.64 -1.48 0.00	76.56 -1.88 0.00	84.38 -2.69 -0.32	67.00 -2.14 0.00	63.25 -1.82 0.00	58.77 -1.94 0.00	55.45 -1.89 0.00	54.52 -1.74 0.00	53.07 -1.70 0.00	54.21 -1.79 0.00	53.71 -1.72 0.02	60.89 -1.79 1.37	70.17 -2.15 1.89	69.83 -2.23 13.76	43.56 -1.92 31.44	64.76 -2.12 3.80	60.96 -1.63 0.00	54.78 -1.40 0.00	53.52 -1.04 0.00
GREENIDGE___3 23582	66.23 -1.70 0.00	65.11 -2.08 0.00	63.31 -1.56 0.00	59.27 -1.33 0.00	63.33 -1.49 0.00	65.64 -1.48 0.00	76.56 -1.88 0.00	84.38 -2.69 -0.32	67.00 -2.14 0.00	63.25 -1.82 0.00	58.77 -1.94 0.00	55.45 -1.89 0.00	54.52 -1.74 0.00	53.07 -1.70 0.00	54.21 -1.79 0.00	53.71 -1.72 0.02	60.89 -1.79 1.37	70.17 -2.15 1.89	69.83 -2.23 13.76	43.56 -1.92 31.44	64.76 -2.12 3.80	60.96 -1.63 0.00	54.78 -1.40 0.00	53.52 -1.04 0.00
GREENIDGE___4 23583	66.23 -1.70 0.00	65.11 -2.08 0.00	63.38 -1.49 0.00	59.27 -1.33 0.00	63.34 -1.49 0.00	65.58 -1.54 0.00	76.56 -1.88 0.00	84.99 -2.08 -0.32	67.07 -2.07 0.00	63.25 -1.82 0.00	58.71 -2.00 0.00	55.45 -1.89 0.00	54.52 -1.74 0.00	53.07 -1.70 0.00	54.21 -1.79 0.00	53.65 -1.78 0.02	60.89 -1.79 1.37	70.17 -2.15 1.89	69.83 -2.23 13.76	43.63 -1.85 31.44	64.69 -2.19 3.80	60.96 -1.63 0.00	54.89 -1.29 0.00	53.52 -1.04 0.00
GREENLWN_69_KV_BK 3 55738	96.33 3.94 -24.46	94.34 3.90 -23.24	88.65 3.83 -19.96	88.54 3.52 -24.42	91.78 3.89 -23.06	108.88 4.23 -37.54	133.69 5.73 -49.52	134.43 6.85 -40.83	108.10 5.60 -33.36	88.66 5.34 -18.25	74.94 4.86 -9.37	62.04 4.70 0.00	60.60 4.33 0.00	58.98 4.22 0.00	75.19 4.59 -14.60	80.21 4.71 -20.04	88.51 5.51 -18.95	129.89 6.75 -48.93	132.56 7.81 -38.93	128.09 7.00 -44.17	111.00 6.22 -34.09	97.61 5.38 -29.64	91.19 4.66 -30.34	80.14 4.26 -21.33
GREENWD_138_KV_38B11_REV_LBMP_J 345004	70.71 2.78 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.47 2.67 -3.19	67.73 2.85 -0.06	70.28 3.15 -0.01	83.20 4.71 -0.06	93.83 5.73 -1.36	186.74 4.84 -112.76	105.67 4.68 -35.92	69.46 4.31 -4.45	70.93 4.19 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.17 4.27 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.10 6.15 -117.03	192.88 5.51 -116.68	87.94 4.69 -20.66	70.06 4.10 -9.78	68.93 3.66 -10.72
GRISSOM___SOLAR 323813	71.72 3.80 0.00	70.96 3.76 0.00	68.30 3.44 0.00	63.94 3.33 0.00	68.52 3.69 0.00	71.28 4.16 0.00	83.70 5.26 0.00	106.10 5.81 -13.54	73.01 3.87 0.00	69.04 3.97 0.00	64.29 3.58 0.00	60.72 3.38 0.00	58.97 2.70 0.00	57.50 2.74 0.00	58.80 2.80 0.00	58.56 3.10 0.00	68.16 4.10 0.00	82.52 5.35 -2.96	92.26 6.44 0.00	86.13 5.54 -3.67	75.63 4.95 0.00	66.90 4.32 0.00	59.83 3.65 0.00	57.94 3.38 0.00
GROVEVILLE___HYD 323602	70.78 2.85 0.00	70.02 2.82 0.00	67.66 2.79 0.00	63.15 2.55 0.00	67.68 2.85 0.00	70.20 3.09 0.00	82.76 4.31 0.00	93.19 5.12 -1.33	73.29 4.15 0.00	68.97 3.90 0.00	64.23 3.52 0.00	60.78 3.44 0.00	59.31 3.04 0.00	57.78 3.01 0.00	59.25 3.25 0.00	58.84 3.38 0.00	68.16 4.10 0.00	80.05 5.12 -0.72	91.82 6.01 0.00	82.66 5.38 -0.35	75.42 4.74 0.00	66.59 4.01 0.00	59.72 3.54 0.00	57.73 3.16 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	66.70 -1.22 0.00	65.85 -1.34 0.00	63.63 -1.23 0.00	59.51 -1.09 0.00	63.66 -1.17 0.00	66.11 -1.01 0.00	77.34 -1.10 0.00	85.62 -1.13 0.00	68.10 -1.04 0.00	64.03 -1.04 0.00	59.68 -1.03 0.00	56.42 -0.92 0.00	55.48 -0.79 0.00	54.00 -0.77 0.00	55.27 -0.73 0.00	54.73 -0.72 0.00	63.35 -0.70 0.00	73.40 -0.82 0.00	85.05 -0.77 0.00	76.07 -0.85 0.00	69.84 -0.85 0.00	61.90 -0.69 0.00	55.51 -0.67 0.00	53.96 -0.60 0.00



HAMLTNNY_34_KV_TB 80303	66.43 -1.49 0.00	65.52 -1.68 0.00	63.37 -1.49 0.00	59.21 -1.39 0.00	63.40 -1.43 0.00	65.84 -1.28 0.00	77.03 -1.41 0.00	85.27 -1.47 0.00	67.83 -1.31 0.00	63.77 -1.30 0.00	59.43 -1.27 0.00	56.19 -1.15 0.00	55.25 -1.01 0.00	53.78 -0.99 0.00	55.05 -0.95 0.00	54.51 -0.94 0.00	63.03 -1.02 0.00	73.10 -1.11 0.00	84.70 -1.12 0.00	75.84 -1.08 0.00	69.55 -1.13 0.00	61.59 -1.00 0.00	55.28 -0.90 0.00	53.74 -0.82 0.00
HAMPSHIRE___PAPER_HYD 323593	70.44 2.51 0.00	69.69 2.49 0.00	67.07 2.21 0.00	62.67 2.06 0.00	66.77 1.94 0.00	70.87 3.76 0.00	82.21 3.77 0.00	86.66 -0.09 0.00	71.49 2.35 0.00	67.02 1.95 0.00	62.71 2.00 0.00	59.35 2.01 0.00	58.97 2.70 0.00	57.89 3.12 0.00	59.08 3.08 0.00	58.50 3.05 0.00	67.51 3.46 0.00	77.26 3.04 0.00	85.99 0.17 0.00	79.77 2.85 0.00	73.72 3.04 0.00	65.90 3.31 0.00	59.38 3.20 0.00	57.50 2.94 0.00
HARDSCRABBLE_WT_PWR 323673	70.03 2.11 0.00	69.28 2.09 0.00	66.88 2.01 0.00	62.42 1.82 0.00	66.71 1.88 0.00	68.99 1.88 0.00	80.32 1.88 0.00	88.83 2.08 0.00	70.93 1.79 0.00	66.89 1.82 0.00	62.35 1.64 0.00	58.83 1.49 0.00	57.67 1.41 0.00	56.13 1.37 0.00	57.34 1.34 0.00	56.78 1.33 0.00	65.66 1.60 0.00	75.99 1.78 0.00	87.79 1.98 0.00	78.54 1.62 0.00	72.02 1.34 0.00	63.90 1.32 0.00	57.30 1.12 0.00	55.65 1.09 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	69.89 1.97 0.00	69.15 1.95 0.00	66.81 1.95 0.00	62.42 1.82 0.00	66.90 2.07 0.00	69.40 2.28 0.00	81.74 3.29 0.00	92.04 4.08 -1.21	72.46 3.32 0.00	68.26 3.19 0.00	63.56 2.85 0.00	60.21 2.87 0.00	58.80 2.53 0.00	57.28 2.52 0.00	58.69 2.69 0.00	58.34 2.88 0.00	67.51 3.46 0.00	79.11 4.23 -0.67	90.80 4.98 0.00	81.63 4.38 -0.32	74.57 3.89 0.00	65.90 3.32 0.00	59.05 2.87 0.00	57.12 2.56 0.00
HARSNRAD_115KV_TB1 81005	61.00 -6.93 0.00	59.87 -7.32 0.00	58.12 -6.75 0.00	54.42 -6.18 0.00	57.95 -6.87 0.00	60.40 -6.71 0.00	68.95 -9.49 0.00	75.47 -11.28 0.00	60.36 -8.78 0.00	57.20 -7.87 0.00	53.18 -7.53 0.00	50.29 -7.05 0.00	49.52 -6.75 0.00	48.36 -6.41 0.00	49.28 -6.72 0.00	48.63 -6.82 0.01	55.19 -8.46 0.42	64.21 -9.50 0.51	70.89 -10.81 4.12	57.50 -10.00 9.42	60.64 -8.91 1.14	54.89 -7.70 0.00	49.89 -6.29 0.00	49.43 -5.13 0.00
HARZA MOOSE___RIVER 24016	70.10 2.17 0.00	69.35 2.15 0.00	66.88 2.01 0.00	62.54 1.94 0.00	66.77 1.94 0.00	69.87 2.75 0.00	81.74 3.29 0.00	90.13 3.38 0.00	71.77 2.63 0.00	67.09 2.02 0.00	62.59 1.88 0.00	59.00 1.66 0.00	58.35 2.08 0.00	57.07 2.30 0.00	58.30 2.30 0.00	57.84 2.38 0.00	67.00 2.95 0.00	77.48 3.27 0.00	89.59 3.78 0.00	80.30 3.38 0.00	73.72 3.04 0.00	65.34 2.75 0.00	58.54 2.36 0.00	56.74 2.18 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	65.95 -1.97 0.00	65.11 -2.08 0.00	62.92 -1.95 0.00	58.85 -1.76 0.00	62.94 -1.88 0.00	65.37 -1.75 0.00	76.40 -2.04 0.00	84.49 -2.26 0.00	67.27 -1.87 0.00	63.31 -1.76 0.00	59.01 -1.70 0.00	55.79 -1.55 0.00	54.92 -1.35 0.00	53.45 -1.31 0.00	54.71 -1.29 0.00	54.18 -1.28 0.00	62.58 -1.47 0.00	72.51 -1.71 0.00	83.93 -1.89 0.00	75.15 -1.77 0.00	68.99 -1.70 0.00	61.15 -1.44 0.00	54.89 -1.29 0.00	53.36 -1.20 0.00
HELLGATE_13_KV_LD 55870	70.23 2.31 0.00	69.55 2.35 0.00	67.07 2.21 0.00	62.85 2.24 0.00	67.22 2.40 0.00	69.80 2.68 0.00	82.60 4.16 0.00	93.25 5.20 -1.30	89.50 4.36 -16.01	74.39 4.23 -5.09	65.22 3.89 -0.62	62.51 3.84 -1.33	62.29 3.54 -2.48	60.06 3.50 -1.79	61.26 3.70 -1.56	60.95 3.88 -1.62	79.12 4.55 -10.52	97.66 5.49 -17.95	108.73 6.35 -16.57	99.45 5.62 -16.91	92.27 5.02 -16.57	66.78 4.19 0.00	60.25 3.71 -0.36	57.83 3.27 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	70.23 2.31 0.00	69.55 2.35 0.00	67.07 2.21 0.00	62.85 2.24 0.00	67.22 2.40 0.00	69.80 2.68 0.00	82.60 4.16 0.00	93.25 5.20 -1.30	89.50 4.36 -16.01	74.39 4.23 -5.09	65.22 3.89 -0.62	62.51 3.84 -1.33	62.29 3.54 -2.48	60.06 3.50 -1.79	61.26 3.70 -1.56	60.95 3.88 -1.62	79.12 4.55 -10.52	97.66 5.49 -17.95	108.73 6.35 -16.57	99.45 5.62 -16.91	92.27 5.02 -16.57	66.78 4.19 0.00	60.25 3.71 -0.36	57.83 3.27 0.00
HEMPSTEAD____ 23647	95.65 3.26 -24.46	93.66 3.23 -23.24	87.94 3.11 -19.96	87.93 2.91 -24.42	91.06 3.18 -23.06	108.21 3.55 -37.54	132.75 4.79 -49.52	133.48 5.90 -40.83	107.26 4.77 -33.36	88.01 4.69 -18.25	74.45 4.37 -9.37	61.58 4.24 0.00	60.10 3.83 0.00	58.54 3.78 0.00	74.69 4.09 -14.60	79.66 4.16 -20.04	87.94 4.93 -18.95	129.08 5.94 -48.93	131.70 6.95 -38.93	127.17 6.08 -44.18	110.22 5.44 -34.09	96.92 4.70 -29.64	90.57 4.05 -30.34	79.65 3.76 -21.33
HEWLETT_69_KV_BK3 55828	96.05 3.67 -24.46	94.07 3.63 -23.24	88.33 3.50 -19.96	88.29 3.27 -24.42	91.45 3.57 -23.06	108.55 3.89 -37.54	133.22 5.26 -49.52	133.91 6.33 -40.83	107.68 5.19 -33.36	88.33 5.01 -18.25	74.70 4.61 -9.37	61.81 4.47 0.00	60.37 4.11 0.00	58.82 4.05 0.00	74.97 4.37 -14.60	79.99 4.49 -20.04	88.26 5.25 -18.95	129.60 6.46 -48.93	132.22 7.47 -38.93	127.78 6.69 -44.17	110.71 5.94 -34.09	97.30 5.07 -29.64	91.02 4.49 -30.34	79.98 4.09 -21.33
HICKLING___1 23621	66.23 -1.70 0.00	65.18 -2.02 0.00	63.18 -1.69 0.00	59.03 -1.58 0.00	63.07 -1.75 0.00	65.51 -1.61 0.00	76.17 -2.27 0.00	84.13 -3.04 -0.42	66.44 -2.70 0.00	62.53 -2.54 0.00	58.10 -2.61 0.00	54.87 -2.47 0.00	53.96 -2.31 0.00	52.46 -2.30 0.00	53.59 -2.41 0.00	52.99 -2.44 0.02	60.10 -2.69 1.27	69.63 -2.89 1.69	69.92 -3.18 12.72	44.89 -3.00 29.03	64.34 -2.83 3.52	60.08 -2.50 0.00	54.21 -1.97 0.00	53.09 -1.47 0.00
HICKLING___2 23622	66.23 -1.70 0.00	65.18 -2.02 0.00	63.18 -1.69 0.00	59.03 -1.58 0.00	63.07 -1.75 0.00	65.51 -1.61 0.00	76.17 -2.27 0.00	84.13 -3.04 -0.42	66.44 -2.70 0.00	62.53 -2.54 0.00	58.10 -2.61 0.00	54.87 -2.47 0.00	53.96 -2.31 0.00	52.46 -2.30 0.00	53.59 -2.41 0.00	52.99 -2.44 0.02	60.10 -2.69 1.27	69.63 -2.89 1.69	69.92 -3.18 12.72	44.89 -3.00 29.03	64.34 -2.83 3.52	60.08 -2.50 0.00	54.21 -1.97 0.00	53.09 -1.47 0.00
HIGH FALLS___HY 23754	70.50 2.58 0.00	69.68 2.49 0.00	67.40 2.53 0.00	62.91 2.30 0.00	67.42 2.59 0.00	70.00 2.89 0.00	82.60 4.16 0.00	93.63 5.12 -1.76	73.08 3.94 0.00	68.78 3.71 0.00	63.93 3.22 0.00	60.49 3.15 0.00	58.97 2.70 0.00	57.45 2.68 0.00	58.91 2.91 0.00	58.61 3.16 0.00	68.03 3.97 0.00	80.05 5.05 -0.79	91.82 6.01 0.00	82.76 5.38 -0.46	75.28 4.59 0.00	66.47 3.88 0.00	59.61 3.43 0.00	57.56 3.00 0.00
HIGH_RIVER___SOLAR 323847	70.50 2.58 0.00	69.75 2.55 0.00	67.27 2.40 0.00	62.91 2.30 0.00	67.42 2.60 0.00	69.93 2.82 0.00	82.05 3.61 0.00	105.05 3.99 -14.31	71.83 2.69 0.00	67.93 2.86 0.00	63.26 2.55 0.00	59.69 2.35 0.00	58.12 1.85 0.00	56.68 1.92 0.00	57.96 1.96 0.00	57.61 2.16 0.00	66.94 2.89 0.00	81.11 3.78 -3.11	90.28 4.46 0.00	84.72 3.92 -3.87	74.15 3.46 0.00	65.59 3.00 0.00	58.77 2.59 0.00	56.96 2.40 0.00



HILLBURN___GT 23639	69.69 1.76 0.00	68.94 1.74 0.00	66.62 1.75 0.00	62.24 1.64 0.00	66.64 1.81 0.00	69.20 2.08 0.00	81.50 3.06 0.00	91.97 3.99 -1.23	72.32 3.18 0.00	68.19 3.12 0.00	63.62 2.91 0.00	60.21 2.87 0.00	58.86 2.59 0.00	57.34 2.57 0.00	58.74 2.74 0.00	58.34 2.88 0.00	67.45 3.39 0.00	79.05 4.15 -0.68	90.71 4.89 0.00	81.48 4.23 -0.33	74.43 3.74 0.00	65.84 3.25 0.00	58.93 2.75 0.00	57.07 2.51 0.00
HILLSIDE_115KV_TB1 80332	65.61 -2.31 0.00	64.64 -2.55 0.00	62.60 -2.27 0.00	58.48 -2.12 0.00	62.49 -2.33 0.00	64.90 -2.21 0.00	75.46 -2.98 0.00	83.36 -3.82 -0.43	65.82 -3.32 0.00	61.95 -3.12 0.00	57.61 -3.10 0.00	54.42 -2.92 0.00	53.45 -2.81 0.00	52.08 -2.68 0.00	53.20 -2.80 0.00	52.60 -2.83 0.02	59.73 -3.14 1.19	69.16 -3.49 1.57	70.01 -3.86 11.95	46.04 -3.62 27.26	63.99 -3.39 3.30	59.58 -3.00 0.00	53.71 -2.47 0.00	52.60 -1.96 0.00
HISHELDN_WT_PWR 323625	63.24 -4.69 0.00	62.09 -5.11 0.00	60.32 -4.54 0.00	56.30 -4.30 0.00	59.96 -4.86 0.00	62.22 -4.90 0.00	71.62 -6.83 0.00	78.77 -7.98 0.00	62.71 -6.43 0.00	59.15 -5.92 0.00	54.88 -5.83 0.00	51.89 -5.45 0.00	51.04 -5.23 0.00	49.73 -5.04 0.00	50.68 -5.32 0.00	49.95 -5.49 0.01	56.80 -6.66 0.60	66.04 -7.42 0.75	71.46 -8.41 5.95	55.54 -7.77 13.62	62.03 -7.00 1.65	56.58 -6.01 0.00	51.57 -4.61 0.00	50.69 -3.87 0.00
HOLTSVILLE_IC_1 23690	96.53 4.14 -24.46	94.61 4.17 -23.24	88.85 4.02 -19.96	88.78 3.76 -24.42	91.97 4.09 -23.06	109.22 4.57 -37.54	133.92 5.96 -49.52	134.77 7.20 -40.83	108.30 5.81 -33.36	88.66 5.34 -18.25	74.82 4.74 -9.37	61.87 4.53 0.00	60.37 4.11 0.00	58.76 4.00 0.00	74.97 4.37 -14.60	80.10 4.60 -20.04	88.32 5.31 -18.95	129.67 6.53 -48.93	132.21 7.46 -38.93	127.63 6.53 -44.18	110.72 5.94 -34.09	97.36 5.13 -29.64	90.91 4.38 -30.34	79.93 4.04 -21.33
HOLTSVILLE_IC_10 23699	96.94 4.55 -24.46	95.01 4.57 -23.24	89.24 4.41 -19.96	89.14 4.12 -24.42	92.42 4.54 -23.06	109.69 5.04 -37.54	134.47 6.51 -49.52	135.39 7.81 -40.83	108.72 6.23 -33.36	89.05 5.73 -18.25	75.18 5.10 -9.37	62.16 4.82 0.00	60.66 4.39 0.00	59.04 4.27 0.00	75.30 4.70 -14.60	80.43 4.93 -20.04	88.77 5.77 -18.95	130.19 7.05 -48.93	132.91 8.16 -38.93	128.33 7.23 -44.18	111.28 6.50 -34.09	97.79 5.57 -29.64	91.24 4.72 -30.34	80.25 4.37 -21.33
HOLTSVILLE_IC_2 23691	96.53 4.14 -24.46	94.61 4.17 -23.24	88.85 4.02 -19.96	88.78 3.76 -24.42	91.97 4.09 -23.06	109.22 4.57 -37.54	133.92 5.96 -49.52	134.77 7.20 -40.83	108.30 5.81 -33.36	88.66 5.34 -18.25	74.82 4.74 -9.37	61.87 4.53 0.00	60.37 4.11 0.00	58.76 4.00 0.00	74.97 4.37 -14.60	80.10 4.60 -20.04	88.32 5.31 -18.95	129.67 6.53 -48.93	132.21 7.46 -38.93	127.63 6.53 -44.18	110.72 5.94 -34.09	97.36 5.13 -29.64	90.91 4.38 -30.34	79.93 4.04 -21.33
HOLTSVILLE_IC_3 23692	96.53 4.14 -24.46	94.61 4.17 -23.24	88.85 4.02 -19.96	88.78 3.76 -24.42	91.97 4.09 -23.06	109.22 4.57 -37.54	133.92 5.96 -49.52	134.77 7.20 -40.83	108.30 5.81 -33.36	88.66 5.34 -18.25	74.82 4.74 -9.37	61.87 4.53 0.00	60.37 4.11 0.00	58.76 4.00 0.00	74.97 4.37 -14.60	80.10 4.60 -20.04	88.32 5.31 -18.95	129.67 6.53 -48.93	132.21 7.46 -38.93	127.63 6.53 -44.18	110.72 5.94 -34.09	97.36 5.13 -29.64	90.91 4.38 -30.34	79.93 4.04 -21.33
HOLTSVILLE_IC_4 23693	96.53 4.14 -24.46	94.61 4.17 -23.24	88.85 4.02 -19.96	88.78 3.76 -24.42	91.97 4.09 -23.06	109.22 4.57 -37.54	133.92 5.96 -49.52	134.77 7.20 -40.83	108.30 5.81 -33.36	88.66 5.34 -18.25	74.82 4.74 -9.37	61.87 4.53 0.00	60.37 4.11 0.00	58.76 4.00 0.00	74.97 4.37 -14.60	80.10 4.60 -20.04	88.32 5.31 -18.95	129.67 6.53 -48.93	132.21 7.46 -38.93	127.63 6.53 -44.18	110.72 5.94 -34.09	97.36 5.13 -29.64	90.91 4.38 -30.34	79.93 4.04 -21.33
HOLTSVILLE_IC_5 23694	96.53 4.14 -24.46	94.61 4.17 -23.24	88.85 4.02 -19.96	88.78 3.76 -24.42	91.97 4.09 -23.06	109.22 4.57 -37.54	133.92 5.96 -49.52	134.77 7.20 -40.83	108.30 5.81 -33.36	88.66 5.34 -18.25	74.82 4.74 -9.37	61.87 4.53 0.00	60.37 4.11 0.00	58.76 4.00 0.00	74.97 4.37 -14.60	80.10 4.60 -20.04	88.32 5.31 -18.95	129.67 6.53 -48.93	132.21 7.46 -38.93	127.63 6.53 -44.18	110.72 5.94 -34.09	97.36 5.13 -29.64	90.91 4.38 -30.34	79.93 4.04 -21.33
HOLTSVILLE_IC_6 23695	96.94 4.55 -24.46	95.01 4.57 -23.24	89.24 4.41 -19.96	89.14 4.12 -24.42	92.42 4.54 -23.06	109.69 5.04 -37.54	134.47 6.51 -49.52	135.39 7.81 -40.83	108.72 6.23 -33.36	89.05 5.73 -18.25	75.18 5.10 -9.37	62.16 4.82 0.00	60.66 4.39 0.00	59.04 4.27 0.00	75.30 4.70 -14.60	80.43 4.93 -20.04	88.77 5.77 -18.95	130.19 7.05 -48.93	132.91 8.16 -38.93	128.33 7.23 -44.18	111.28 6.50 -34.09	97.79 5.57 -29.64	91.24 4.72 -30.34	80.25 4.37 -21.33
HOLTSVILLE_IC_7 23696	96.94 4.55 -24.46	95.01 4.57 -23.24	89.24 4.41 -19.96	89.14 4.12 -24.42	92.42 4.54 -23.06	109.69 5.04 -37.54	134.47 6.51 -49.52	135.39 7.81 -40.83	108.72 6.23 -33.36	89.05 5.73 -18.25	75.18 5.10 -9.37	62.16 4.82 0.00	60.66 4.39 0.00	59.04 4.27 0.00	75.30 4.70 -14.60	80.43 4.93 -20.04	88.77 5.77 -18.95	130.19 7.05 -48.93	132.91 8.16 -38.93	128.33 7.23 -44.18	111.28 6.50 -34.09	97.79 5.57 -29.64	91.24 4.72 -30.34	80.25 4.37 -21.33
HOLTSVILLE_IC_8 23697	96.94 4.55 -24.46	95.01 4.57 -23.24	89.24 4.41 -19.96	89.14 4.12 -24.42	92.42 4.54 -23.06	109.69 5.04 -37.54	134.47 6.51 -49.52	135.39 7.81 -40.83	108.72 6.23 -33.36	89.05 5.73 -18.25	75.18 5.10 -9.37	62.16 4.82 0.00	60.66 4.39 0.00	59.04 4.27 0.00	75.30 4.70 -14.60	80.43 4.93 -20.04	88.77 5.77 -18.95	130.19 7.05 -48.93	132.91 8.16 -38.93	128.33 7.23 -44.18	111.28 6.50 -34.09	97.79 5.57 -29.64	91.24 4.72 -30.34	80.25 4.37 -21.33
HOLTSVILLE_IC_9 23698	96.94 4.55 -24.46	95.01 4.57 -23.24	89.24 4.41 -19.96	89.14 4.12 -24.42	92.42 4.54 -23.06	109.69 5.04 -37.54	134.47 6.51 -49.52	135.39 7.81 -40.83	108.72 6.23 -33.36	89.05 5.73 -18.25	75.18 5.10 -9.37	62.16 4.82 0.00	60.66 4.39 0.00	59.04 4.27 0.00	75.30 4.70 -14.60	80.43 4.93 -20.04	88.77 5.77 -18.95	130.19 7.05 -48.93	132.91 8.16 -38.93	128.33 7.23 -44.18	111.28 6.50 -34.09	97.79 5.57 -29.64	91.24 4.72 -30.34	80.25 4.37 -21.33
HOMER_HL_115KV_TB2 355744	65.34 -2.58 0.00	64.17 -3.02 0.00	62.34 -2.53 0.00	58.24 -2.36 0.00	62.04 -2.79 0.00	64.50 -2.62 0.00	74.28 -4.16 0.00	81.20 -5.55 0.00	66.17 -2.97 0.00	62.47 -2.60 0.00	57.98 -2.73 0.00	54.82 -2.52 0.00	53.79 -2.48 0.00	52.46 -2.30 0.00	53.48 -2.52 0.00	52.78 -2.66 0.01	60.30 -3.14 0.62	69.87 -3.56 0.78	75.80 -3.86 6.16	59.06 -3.77 14.09	65.65 -3.32 1.71	59.40 -3.19 0.00	53.82 -2.36 0.00	53.25 -1.31 0.00
HOWARD_WT_PWR 323690	66.02 -1.90 0.00	64.78 -2.42 0.00	62.92 -1.94 0.00	58.73 -1.88 0.00	62.62 -2.20 0.00	65.03 -2.08 0.00	75.38 -3.06 0.00	83.36 -3.73 -0.34	65.62 -3.52 0.00	61.55 -3.51 0.00	57.00 -3.71 0.00	53.67 -3.67 0.00	52.78 -3.49 0.00	51.32 -3.45 0.00	52.25 -3.75 0.00	51.55 -3.88 0.02	58.45 -4.36 1.25	67.84 -4.67 1.70	67.80 -5.49 12.52	43.17 -5.15 28.60	62.34 -4.88 3.46	58.27 -4.32 0.00	52.70 -3.48 0.00	51.67 -2.89 0.00



HQ_GEN_CEDARS 23644	70.44 2.51 0.00	69.75 2.55 0.00	67.20 2.34 0.00	62.66 2.06 0.00	66.83 2.01 0.00	73.16 6.04 0.00	84.17 5.73 0.00	91.43 4.68 0.00	72.94 3.80 0.00	68.39 3.32 0.00	64.29 3.58 0.00	60.95 3.61 0.00	60.88 4.61 0.00	59.75 4.98 0.00	60.93 4.93 0.00	60.17 4.71 0.00	69.12 5.06 0.00	78.52 4.30 0.00	89.94 4.12 0.00	80.84 3.92 0.00	75.07 4.38 0.00	67.53 4.94 0.00	61.12 4.94 0.00	59.31 4.75 0.00
HQ_GEN_CEDARS_PROXY 323590	70.44 2.51 0.00	69.75 2.55 0.00	67.20 2.33 0.00	62.67 2.06 0.00	66.84 2.01 0.00	73.16 6.04 0.00	84.17 5.72 0.00	84.41 -2.34 0.00	72.94 3.80 0.00	68.39 3.32 0.00	64.29 3.58 0.00	60.95 3.61 0.00	60.88 4.61 0.00	59.75 4.98 0.00	60.93 4.93 0.00	60.22 4.77 0.00	69.11 5.06 0.00	78.52 4.30 0.00	83.33 -2.49 0.00	80.84 3.92 0.00	75.07 4.38 0.00	67.53 4.94 0.00	61.18 5.00 0.00	59.31 4.74 0.00
HQ_GEN_IMPORT 323601	68.74 0.82 0.00	68.01 0.81 0.00	65.58 0.71 0.00	61.27 0.67 0.00	65.47 0.65 0.00	67.65 0.53 0.00	78.68 0.24 0.00	86.66 -0.09 0.00	69.28 0.14 0.00	65.13 0.07 0.00	60.83 0.12 0.00	57.34 0.00 0.00	56.38 0.11 0.00	54.76 0.00 0.00	55.94 -0.06 0.00	55.34 -0.11 0.00	63.86 -0.19 0.00	73.77 -0.44 0.00	85.13 -0.69 0.00	76.46 -0.46 0.00	70.40 -0.28 0.00	62.34 -0.25 0.00	56.01 -0.17 0.00	54.40 -0.16 0.00
HQ_GEN_WHEEL 23651	68.74 0.82 0.00	68.01 0.81 0.00	65.58 0.71 0.00	61.27 0.67 0.00	65.47 0.65 0.00	67.65 0.53 0.00	78.68 0.24 0.00	86.66 -0.09 0.00	69.28 0.14 0.00	65.13 0.07 0.00	60.83 0.12 0.00	57.34 0.00 0.00	56.38 0.11 0.00	54.76 0.00 0.00	55.94 -0.06 0.00	55.34 -0.11 0.00	63.86 -0.19 0.00	73.77 -0.44 0.00	85.13 -0.69 0.00	76.46 -0.46 0.00	70.40 -0.28 0.00	62.34 -0.25 0.00	56.01 -0.17 0.00	54.40 -0.16 0.00
HUDSON AVE_GT_3 23810	70.16 2.24 0.00	69.41 2.22 0.00	67.01 2.14 0.00	62.60 2.00 0.00	67.09 2.27 0.00	69.67 2.55 0.00	82.29 3.84 0.00	92.99 4.94 -1.30	73.29 4.15 0.00	69.10 4.03 0.00	64.41 3.70 0.00	60.95 3.61 0.00	59.59 3.32 0.00	58.11 3.34 0.00	59.53 3.53 0.00	59.11 3.66 0.00	68.35 4.29 0.00	80.20 5.27 -0.71	91.82 6.01 0.00	82.65 5.38 -0.35	75.42 4.74 0.00	66.59 4.01 0.00	59.66 3.48 0.00	57.62 3.06 0.00
HUDSON AVE_GT_4 23540	70.16 2.24 0.00	69.41 2.22 0.00	67.01 2.14 0.00	62.60 2.00 0.00	67.09 2.27 0.00	69.67 2.55 0.00	82.29 3.84 0.00	92.99 4.94 -1.30	73.29 4.15 0.00	69.10 4.03 0.00	64.41 3.70 0.00	60.95 3.61 0.00	59.59 3.32 0.00	58.11 3.34 0.00	59.53 3.53 0.00	59.11 3.66 0.00	68.35 4.29 0.00	80.20 5.27 -0.71	91.82 6.01 0.00	82.65 5.38 -0.35	75.42 4.74 0.00	66.59 4.01 0.00	59.66 3.48 0.00	57.62 3.06 0.00
HUDSON AVE_GT_5 23657	70.16 2.24 0.00	69.41 2.22 0.00	67.01 2.14 0.00	62.60 2.00 0.00	67.09 2.27 0.00	69.67 2.55 0.00	82.29 3.84 0.00	92.99 4.94 -1.30	73.29 4.15 0.00	69.10 4.03 0.00	64.41 3.70 0.00	60.95 3.61 0.00	59.59 3.32 0.00	58.11 3.34 0.00	59.53 3.53 0.00	59.11 3.66 0.00	68.35 4.29 0.00	80.20 5.27 -0.71	91.82 6.01 0.00	82.65 5.38 -0.35	75.42 4.74 0.00	66.59 4.01 0.00	59.66 3.48 0.00	57.62 3.06 0.00
HUDSON_AVE_10 24168	69.89 1.97 0.00	69.15 1.95 0.00	66.68 1.82 0.00	62.30 1.70 0.00	66.77 1.94 0.00	69.40 2.28 0.00	82.05 3.61 0.00	92.65 4.60 -1.30	73.08 3.94 0.00	68.84 3.77 0.00	64.17 3.46 0.00	60.78 3.44 0.00	59.42 3.15 0.00	57.94 3.18 0.00	59.36 3.36 0.00	59.00 3.55 0.00	68.16 4.10 0.00	79.97 5.05 -0.71	91.57 5.75 0.00	82.42 5.15 -0.35	75.21 4.52 0.00	66.41 3.82 0.00	59.49 3.31 0.00	57.40 2.84 0.00
HUDSON___115KV_TB 4 355613	71.32 3.40 0.00	70.62 3.43 0.00	68.17 3.31 0.00	63.70 3.09 0.00	68.26 3.44 0.00	70.74 3.62 0.00	82.60 4.16 0.00	95.71 3.73 -5.23	72.18 3.04 0.00	68.13 3.06 0.00	63.38 2.67 0.00	59.92 2.58 0.00	58.41 2.14 0.00	56.90 2.14 0.00	58.30 2.30 0.00	57.73 2.27 0.00	66.87 2.82 0.00	79.12 3.41 -1.49	90.02 4.21 0.00	81.56 3.31 -1.34	74.15 3.46 0.00	65.59 3.00 0.00	58.82 2.64 0.00	57.62 3.06 0.00
HUNTER MOUNT___DRP 323613	71.86 3.94 0.00	71.09 3.90 0.00	68.69 3.83 0.00	64.12 3.52 0.00	68.78 3.95 0.00	71.21 4.09 0.00	83.31 4.86 0.00	95.18 3.90 -4.53	72.67 3.53 0.00	68.39 3.32 0.00	63.56 2.85 0.00	60.09 2.75 0.00	58.57 2.31 0.00	57.01 2.25 0.00	58.46 2.46 0.00	57.89 2.44 0.00	67.19 3.14 0.00	79.21 3.64 -1.36	90.62 4.81 0.00	81.53 3.46 -1.15	74.57 3.89 0.00	65.97 3.38 0.00	59.16 2.98 0.00	57.94 3.38 0.00
HUNTINGTON_RES_REC 323705	96.67 4.28 -24.46	94.67 4.24 -23.24	88.91 4.09 -19.96	88.84 3.82 -24.42	92.10 4.21 -23.06	109.28 4.63 -37.54	134.09 6.12 -49.52	134.95 7.37 -40.83	108.44 5.95 -33.36	88.85 5.53 -18.25	75.06 4.98 -9.37	62.10 4.76 0.00	60.60 4.33 0.00	59.04 4.27 0.00	75.19 4.59 -14.60	80.32 4.82 -20.04	88.70 5.70 -18.95	130.19 7.05 -48.93	132.91 8.16 -38.93	128.25 7.15 -44.18	111.21 6.43 -34.09	97.79 5.57 -29.64	91.24 4.72 -30.34	80.25 4.37 -21.33
HUNTLEY___63 23557	61.74 -6.18 0.00	60.61 -6.59 0.00	58.83 -6.03 0.00	55.15 -5.45 0.00	58.67 -6.16 0.00	61.21 -5.91 0.00	70.28 -8.16 0.00	76.95 -9.80 0.00	61.60 -7.54 0.00	58.37 -6.70 0.00	54.21 -6.50 0.00	51.32 -6.02 0.00	50.53 -5.74 0.00	49.34 -5.42 0.00	50.23 -5.77 0.00	49.51 -5.93 0.01	56.18 -7.43 0.44	65.37 -8.31 0.53	71.47 -9.95 4.39	57.72 -9.15 10.05	61.26 -8.20 1.22	55.52 -7.07 0.00	50.39 -5.79 0.00	49.98 -4.58 0.00
HUNTLEY___64 23558	61.74 -6.18 0.00	60.61 -6.59 0.00	58.83 -6.03 0.00	55.15 -5.45 0.00	58.67 -6.16 0.00	61.21 -5.91 0.00	70.28 -8.16 0.00	76.95 -9.80 0.00	61.60 -7.54 0.00	58.37 -6.70 0.00	54.21 -6.50 0.00	51.32 -6.02 0.00	50.53 -5.74 0.00	49.34 -5.42 0.00	50.23 -5.77 0.00	49.51 -5.93 0.01	56.18 -7.43 0.44	65.37 -8.31 0.53	71.47 -9.95 4.39	57.72 -9.15 10.05	61.26 -8.20 1.22	55.52 -7.07 0.00	50.39 -5.79 0.00	49.98 -4.58 0.00
HUNTLEY___65 23559	61.74 -6.18 0.00	60.61 -6.59 0.00	58.83 -6.03 0.00	55.15 -5.45 0.00	58.67 -6.16 0.00	61.21 -5.91 0.00	70.28 -8.16 0.00	76.95 -9.80 0.00	61.60 -7.54 0.00	58.37 -6.70 0.00	54.21 -6.50 0.00	51.32 -6.02 0.00	50.53 -5.74 0.00	49.34 -5.42 0.00	50.23 -5.77 0.00	49.51 -5.93 0.01	56.18 -7.43 0.44	65.37 -8.31 0.53	71.47 -9.95 4.39	57.72 -9.15 10.05	61.26 -8.20 1.22	55.52 -7.07 0.00	50.39 -5.79 0.00	49.98 -4.58 0.00
HUNTLEY___66 23560	61.74 -6.18 0.00	60.61 -6.59 0.00	58.83 -6.03 0.00	55.15 -5.45 0.00	58.67 -6.16 0.00	61.21 -5.91 0.00	70.28 -8.16 0.00	76.95 -9.80 0.00	61.60 -7.54 0.00	58.37 -6.70 0.00	54.21 -6.50 0.00	51.32 -6.02 0.00	50.53 -5.74 0.00	49.34 -5.42 0.00	50.23 -5.77 0.00	49.51 -5.93 0.01	56.18 -7.43 0.44	65.37 -8.31 0.53	71.47 -9.95 4.39	57.72 -9.15 10.05	61.26 -8.20 1.22	55.52 -7.07 0.00	50.39 -5.79 0.00	49.98 -4.58 0.00



HUNTLEY___67 23561	61.74 -6.18 0.00	60.68 -6.52 0.00	58.83 -6.03 0.00	55.15 -5.45 0.00	58.67 -6.16 0.00	61.14 -5.97 0.00	69.81 -8.63 0.00	76.34 -10.41 0.00	61.19 -7.95 0.00	57.98 -7.09 0.00	53.91 -6.80 0.00	50.98 -6.36 0.00	50.19 -6.08 0.00	48.96 -5.81 0.00	49.90 -6.10 0.00	49.23 -6.21 0.01	55.78 -7.81 0.46	64.75 -8.91 0.56	71.20 -10.13 4.50	57.35 -9.31 10.26	61.08 -8.34 1.27	55.52 -7.07 0.00	50.45 -5.73 0.00	49.98 -4.58 0.00
HUNTLEY___68 23562	61.74 -6.18 0.00	60.68 -6.52 0.00	58.83 -6.03 0.00	55.15 -5.45 0.00	58.67 -6.16 0.00	61.14 -5.97 0.00	69.81 -8.63 0.00	76.34 -10.41 0.00	61.19 -7.95 0.00	57.98 -7.09 0.00	53.91 -6.80 0.00	50.98 -6.36 0.00	50.19 -6.08 0.00	48.96 -5.81 0.00	49.90 -6.10 0.00	49.23 -6.21 0.01	55.78 -7.81 0.46	64.75 -8.91 0.56	71.20 -10.13 4.50	57.35 -9.31 10.26	61.08 -8.34 1.27	55.52 -7.07 0.00	50.45 -5.73 0.00	49.98 -4.58 0.00
HYLAND___LFGE 323620	67.45 -0.47 0.00	65.92 -1.28 0.00	63.89 -0.97 0.00	59.88 -0.72 0.00	63.92 -0.91 0.00	66.72 -0.40 0.00	77.58 -0.86 0.00	85.88 -0.87 0.00	67.62 -1.52 0.00	63.05 -2.02 0.00	58.28 -2.43 0.00	54.82 -2.52 0.00	53.85 -2.42 0.00	52.47 -2.30 0.00	53.76 -2.24 0.00	53.39 -2.05 0.01	61.70 -1.67 0.69	72.13 -1.19 0.89	78.07 -0.86 6.89	60.07 -1.08 15.78	67.58 -1.20 1.90	61.58 -1.00 0.00	55.62 -0.56 0.00	54.12 -0.44 0.00
INDECK___CORINTH 23802	72.75 4.82 0.00	71.97 4.77 0.00	69.34 4.47 0.00	64.91 4.30 0.00	69.55 4.73 0.00	72.21 5.10 0.00	84.95 6.51 0.00	109.60 9.71 -13.14	76.68 7.54 0.00	72.55 7.48 0.00	67.33 6.62 0.00	63.70 6.36 0.00	61.95 5.68 0.00	60.24 5.48 0.00	61.72 5.71 0.00	61.33 5.88 0.00	71.04 6.98 0.00	85.98 8.83 -2.94	96.20 10.38 0.00	89.51 9.00 -3.59	78.74 8.06 0.00	69.72 7.13 0.00	62.36 6.18 0.00	60.51 5.95 0.00
INDECK___ILION 23567	69.21 1.29 0.00	68.41 1.21 0.00	66.10 1.23 0.00	61.70 1.09 0.00	65.99 1.17 0.00	68.32 1.21 0.00	79.78 1.33 0.00	88.22 1.47 0.00	70.45 1.31 0.00	66.11 1.04 0.00	61.68 0.97 0.00	58.20 0.86 0.00	57.28 1.01 0.00	55.81 1.04 0.00	57.01 1.01 0.00	56.51 1.05 0.00	65.34 1.28 0.00	75.70 1.48 0.00	87.53 1.72 0.00	78.30 1.38 0.00	71.89 1.20 0.00	63.71 1.13 0.00	57.14 0.96 0.00	55.49 0.93 0.00
INDECK___OLEAN 23982	65.41 -2.51 0.00	64.17 -3.02 0.00	62.40 -2.46 0.00	58.24 -2.36 0.00	61.97 -2.85 0.00	64.36 -2.75 0.00	74.28 -4.16 0.00	81.63 -5.12 0.00	66.17 -2.97 0.00	62.46 -2.60 0.00	57.92 -2.79 0.00	54.82 -2.52 0.00	53.79 -2.47 0.00	52.47 -2.30 0.00	53.48 -2.52 0.00	52.78 -2.66 0.01	60.30 -3.14 0.62	69.87 -3.56 0.78	75.72 -3.95 6.16	59.06 -3.77 14.09	65.65 -3.32 1.71	59.40 -3.19 0.00	53.99 -2.19 0.00	53.25 -1.31 0.00
INDECK___OSWEGO 23783	67.79 -0.14 0.00	66.80 -0.40 0.00	64.54 -0.32 0.00	60.36 -0.24 0.00	64.63 -0.19 0.00	67.18 0.07 0.00	78.68 0.24 0.00	87.01 0.26 0.00	69.28 0.14 0.00	65.00 -0.07 0.00	60.59 -0.12 0.00	57.34 0.00 0.00	56.49 0.23 0.00	55.04 0.28 0.00	56.34 0.34 0.00	55.79 0.33 0.00	64.57 0.51 0.00	74.88 0.67 0.00	86.68 0.86 0.00	77.69 0.77 0.00	71.18 0.50 0.00	63.15 0.56 0.00	56.63 0.45 0.00	54.89 0.33 0.00
INDECK___YERKES 23781	61.81 -6.11 0.00	60.68 -6.52 0.00	59.09 -5.77 0.00	55.15 -5.45 0.00	58.73 -6.10 0.00	61.01 -6.11 0.00	70.36 -8.08 0.00	77.47 -9.28 0.00	61.74 -7.40 0.00	58.43 -6.64 0.00	54.21 -6.49 0.00	51.38 -5.96 0.00	50.59 -5.68 0.00	49.40 -5.36 0.00	50.29 -5.71 0.00	49.57 -5.88 0.01	56.25 -7.36 0.44	65.37 -8.31 0.53	71.55 -9.87 4.40	57.78 -9.08 10.06	61.26 -8.20 1.22	55.58 -7.01 0.00	50.84 -5.34 0.00	50.03 -4.53 0.00
INDIAN POINT_GT_1 24139	69.89 1.97 0.00	69.15 1.95 0.00	66.81 1.95 0.00	62.36 1.76 0.00	66.83 2.01 0.00	69.33 2.21 0.00	81.74 3.29 0.00	92.20 4.16 -1.29	72.60 3.46 0.00	68.39 3.32 0.00	63.81 3.10 0.00	60.38 3.04 0.00	59.02 2.76 0.00	57.50 2.74 0.00	58.91 2.91 0.00	58.50 3.05 0.00	67.64 3.59 0.00	79.30 4.38 -0.70	90.97 5.15 0.00	81.80 4.54 -0.34	74.71 4.03 0.00	66.03 3.44 0.00	59.16 2.98 0.00	57.23 2.67 0.00
INDIAN POINT_GT_2 23659	69.89 1.97 0.00	69.15 1.95 0.00	66.81 1.95 0.00	62.36 1.76 0.00	66.83 2.01 0.00	69.33 2.21 0.00	81.74 3.29 0.00	92.20 4.16 -1.29	72.60 3.46 0.00	68.39 3.32 0.00	63.81 3.10 0.00	60.38 3.04 0.00	59.02 2.76 0.00	57.50 2.74 0.00	58.91 2.91 0.00	58.50 3.05 0.00	67.64 3.59 0.00	79.30 4.38 -0.70	90.97 5.15 0.00	81.80 4.54 -0.34	74.71 4.03 0.00	66.03 3.44 0.00	59.16 2.98 0.00	57.23 2.67 0.00
INDIAN POINT_GT_3 24019	69.89 1.97 0.00	69.15 1.95 0.00	66.81 1.95 0.00	62.36 1.76 0.00	66.83 2.01 0.00	69.33 2.21 0.00	81.74 3.29 0.00	92.20 4.16 -1.29	72.60 3.46 0.00	68.39 3.32 0.00	63.81 3.10 0.00	60.38 3.04 0.00	59.02 2.76 0.00	57.50 2.74 0.00	58.91 2.91 0.00	58.50 3.05 0.00	67.64 3.59 0.00	79.30 4.38 -0.70	90.97 5.15 0.00	81.80 4.54 -0.34	74.71 4.03 0.00	66.03 3.44 0.00	59.16 2.98 0.00	57.23 2.67 0.00
INDIAN POINT___2 23530	69.76 1.83 0.00	69.01 1.82 0.00	66.68 1.81 0.00	62.24 1.64 0.00	66.71 1.88 0.00	69.26 2.15 0.00	81.58 3.14 0.00	92.09 4.08 -1.27	72.46 3.32 0.00	68.26 3.19 0.00	63.68 2.97 0.00	60.26 2.92 0.00	58.91 2.65 0.00	57.39 2.63 0.00	58.80 2.80 0.00	58.39 2.94 0.00	67.58 3.52 0.00	79.14 4.23 -0.69	90.79 4.98 0.00	81.57 4.30 -0.34	74.57 3.89 0.00	65.90 3.31 0.00	58.99 2.81 0.00	57.13 2.56 0.00
INDIAN POINT___3 23531	69.83 1.90 0.00	69.08 1.88 0.00	66.75 1.88 0.00	62.36 1.76 0.00	66.77 1.94 0.00	69.26 2.15 0.00	81.66 3.22 0.00	92.11 4.08 -1.29	72.53 3.39 0.00	68.32 3.25 0.00	63.74 3.04 0.00	60.32 2.98 0.00	58.97 2.70 0.00	57.45 2.68 0.00	58.86 2.86 0.00	58.45 2.99 0.00	67.58 3.52 0.00	79.22 4.30 -0.70	90.80 4.98 0.00	81.72 4.46 -0.34	74.57 3.89 0.00	65.90 3.32 0.00	59.10 2.92 0.00	57.18 2.62 0.00
INGHAM_C_115KV_TB7 356103	70.50 2.58 0.00	69.68 2.49 0.00	67.33 2.46 0.00	62.85 2.24 0.00	67.16 2.33 0.00	69.47 2.35 0.00	80.80 2.35 0.00	89.35 2.60 0.00	71.35 2.21 0.00	67.48 2.41 0.00	62.89 2.19 0.00	59.29 1.95 0.00	58.07 1.80 0.00	56.52 1.75 0.00	57.74 1.74 0.00	57.17 1.72 0.00	66.11 2.05 0.00	76.52 2.30 0.00	88.39 2.57 0.00	79.07 2.15 0.00	72.52 1.84 0.00	64.40 1.82 0.00	57.75 1.57 0.00	56.14 1.58 0.00
IP CORINTH___1 23988	72.75 4.82 0.00	71.97 4.77 0.00	69.41 4.54 0.00	64.91 4.30 0.00	69.56 4.73 0.00	72.22 5.10 0.00	84.95 6.51 0.00	109.60 9.72 -13.14	76.68 7.54 0.00	72.55 7.48 0.00	67.33 6.62 0.00	63.70 6.36 0.00	61.95 5.68 0.00	60.24 5.48 0.00	61.71 5.71 0.00	61.39 5.93 0.00	70.85 6.79 0.00	85.91 8.76 -2.94	96.20 10.38 0.00	89.64 9.00 -3.72	78.74 8.06 0.00	69.72 7.13 0.00	62.36 6.18 0.00	60.51 5.95 0.00



IP___TICONDEROGA 23804	75.33 7.40 0.00	74.52 7.32 0.00	71.87 7.01 0.00	67.21 6.61 0.00	72.02 7.20 0.00	74.97 7.85 0.00	88.33 9.88 0.00	113.17 13.36 -13.07	79.37 10.23 0.00	74.96 9.89 0.00	69.45 8.74 0.00	65.71 8.37 0.00	63.86 7.60 0.00	62.16 7.39 0.00	63.73 7.73 0.00	63.55 8.10 0.00	73.41 9.35 0.00	89.24 12.10 -2.93	100.06 14.25 0.00	93.01 12.38 -3.70	81.78 11.10 0.00	72.23 9.64 0.00	64.49 8.31 0.00	62.53 7.97 0.00
ISLIP_RES_REC 323679	97.21 4.82 -24.46	95.28 4.84 -23.24	89.50 4.67 -19.96	89.39 4.37 -24.42	92.68 4.80 -23.06	109.95 5.30 -37.54	134.87 6.90 -49.52	135.82 8.25 -40.83	109.07 6.57 -33.36	89.38 6.05 -18.25	75.43 5.34 -9.37	62.44 5.10 0.00	60.88 4.61 0.00	59.26 4.49 0.00	75.53 4.93 -14.60	80.65 5.16 -20.04	89.02 6.02 -18.95	130.63 7.49 -48.93	133.42 8.66 -38.93	128.71 7.62 -44.18	111.63 6.85 -34.09	98.11 5.88 -29.64	91.52 5.00 -30.34	80.52 4.64 -21.33
JAMAICA__27_KV_LOAD 355505	69.89 1.97 0.00	69.08 1.88 0.00	66.62 1.75 0.00	62.24 1.64 0.00	66.70 1.88 0.00	69.40 2.28 0.00	82.21 3.77 0.00	92.99 4.94 -1.30	73.43 4.29 0.00	69.17 4.10 0.00	64.47 3.76 0.00	61.01 3.67 0.00	59.70 3.43 0.00	58.27 3.50 0.00	59.70 3.70 0.00	59.39 3.94 0.00	68.54 4.48 0.00	80.42 5.49 -0.71	92.17 6.35 0.00	82.96 5.69 -0.35	75.70 5.02 0.00	66.72 4.13 0.00	59.78 3.60 0.00	57.56 3.00 0.00
JANIS___SOLAR 323808	70.37 2.44 0.00	69.35 2.15 0.00	67.00 2.14 0.00	62.72 2.12 0.00	67.03 2.21 0.00	69.87 2.75 0.00	81.98 3.53 0.00	91.21 3.81 -0.65	71.56 2.42 0.00	67.09 2.02 0.00	62.35 1.64 0.00	58.71 1.37 0.00	57.45 1.18 0.00	56.08 1.31 0.00	57.34 1.34 0.00	57.03 1.55 -0.02	67.56 2.30 -1.20	79.16 2.89 -2.05	101.58 3.69 -12.07	107.92 3.15 -27.85	76.70 2.69 -3.33	64.90 2.32 0.00	58.15 1.97 0.00	56.42 1.86 0.00
JARVIS____ 23743	68.06 0.14 0.00	67.33 0.13 0.00	65.00 0.13 0.00	60.73 0.12 0.00	64.95 0.13 0.00	67.32 0.20 0.00	78.76 0.32 0.00	87.18 0.44 0.00	69.63 0.49 0.00	65.00 -0.07 0.00	60.65 -0.06 0.00	57.28 -0.06 0.00	56.61 0.34 0.00	55.15 0.39 0.00	56.39 0.39 0.00	55.90 0.44 0.00	64.63 0.58 0.00	74.88 0.67 0.00	86.68 0.86 0.00	77.61 0.69 0.00	71.25 0.56 0.00	63.09 0.50 0.00	56.58 0.40 0.00	54.95 0.38 0.00
JENNISON___1 23625	70.98 3.06 0.00	70.09 2.89 0.00	67.66 2.79 0.00	63.33 2.73 0.00	67.68 2.85 0.00	70.47 3.36 0.00	82.68 4.24 0.00	92.24 4.42 -1.06	72.32 3.18 0.00	68.06 2.99 0.00	63.32 2.61 0.00	59.69 2.35 0.00	58.35 2.08 0.00	57.01 2.25 0.00	58.18 2.18 0.00	57.79 2.33 0.00	67.25 2.95 -0.25	78.61 3.64 -0.76	92.78 4.46 -2.50	86.87 3.92 -6.02	74.77 3.39 -0.69	65.53 2.94 0.00	58.60 2.42 0.00	56.96 2.40 0.00
JENNISON___2 23626	70.98 3.06 0.00	70.09 2.89 0.00	67.66 2.79 0.00	63.33 2.73 0.00	67.68 2.85 0.00	70.47 3.36 0.00	82.68 4.24 0.00	92.24 4.42 -1.06	72.32 3.18 0.00	68.06 2.99 0.00	63.32 2.61 0.00	59.69 2.35 0.00	58.35 2.08 0.00	57.01 2.25 0.00	58.18 2.18 0.00	57.79 2.33 0.00	67.25 2.95 -0.25	78.61 3.64 -0.76	92.78 4.46 -2.50	86.87 3.92 -6.02	74.77 3.39 -0.69	65.53 2.94 0.00	58.60 2.42 0.00	56.96 2.40 0.00
JERICHO_RISE_WT_PWR 323719	70.30 2.38 0.00	69.55 2.35 0.00	66.94 2.08 0.00	62.36 1.76 0.00	66.51 1.68 0.00	68.79 1.68 0.00	79.23 0.78 0.00	86.49 -0.26 0.00	69.49 0.35 0.00	65.40 0.33 0.00	61.08 0.37 0.00	57.45 0.11 0.00	56.38 0.11 0.00	54.55 -0.22 0.00	55.50 -0.51 0.00	54.68 -0.78 0.00	62.84 -1.22 0.00	72.14 -2.08 0.00	82.90 -2.92 0.00	74.77 -2.15 0.00	68.92 -1.76 0.00	61.15 -1.44 0.00	55.00 -1.18 0.00	53.47 -1.09 0.00
KATONAH___115KV_46KV_TB4 355592	70.57 2.65 0.00	69.89 2.69 0.00	67.40 2.53 0.00	62.91 2.30 0.00	67.42 2.59 0.00	70.00 2.89 0.00	82.52 4.08 0.00	93.36 5.29 -1.32	73.63 4.49 0.00	69.17 4.10 0.00	64.59 3.89 0.00	61.12 3.78 0.00	59.70 3.43 0.00	58.16 3.40 0.00	59.47 3.47 0.00	59.11 3.66 0.00	68.54 4.48 0.00	80.43 5.49 -0.72	92.25 6.44 0.00	83.04 5.77 -0.35	75.84 5.16 0.00	66.97 4.38 0.00	60.00 3.82 0.00	57.89 3.33 0.00
KCE_NY_1 323755	71.79 3.87 0.00	71.03 3.83 0.00	68.50 3.63 0.00	64.06 3.45 0.00	68.58 3.76 0.00	71.14 4.03 0.00	83.54 5.10 0.00	107.04 7.11 -13.17	74.46 5.32 0.00	70.47 5.40 0.00	65.57 4.86 0.00	62.04 4.70 0.00	60.37 4.11 0.00	58.76 4.00 0.00	60.20 4.20 0.00	59.78 4.33 0.00	69.18 5.13 0.00	83.52 6.38 -2.92	93.28 7.46 0.00	87.02 6.53 -3.57	76.55 5.86 0.00	67.72 5.13 0.00	60.68 4.50 0.00	58.87 4.31 0.00
KCE_NY_6_ESR 323823	63.10 -4.82 0.00	61.96 -5.24 0.00	60.26 -4.60 0.00	56.24 -4.36 0.00	59.90 -4.93 0.00	62.22 -4.90 0.00	71.38 -7.06 0.00	78.59 -8.16 0.00	62.78 -6.36 0.00	59.34 -5.73 0.00	55.06 -5.64 0.00	52.12 -5.22 0.00	51.32 -4.95 0.00	50.05 -4.71 0.00	50.96 -5.04 0.00	50.29 -5.16 0.01	57.03 -6.53 0.49	66.19 -7.42 0.61	72.54 -8.41 4.87	58.01 -7.77 11.14	62.40 -6.92 1.36	56.64 -5.95 0.00	51.74 -4.44 0.00	50.91 -3.66 0.00
KEDC_PORT_JEFF_GT2 24210	96.94 4.55 -24.46	95.01 4.57 -23.24	89.24 4.41 -19.96	89.08 4.06 -24.42	92.36 4.47 -23.06	109.62 4.97 -37.54	134.47 6.51 -49.52	135.30 7.72 -40.83	108.72 6.23 -33.36	89.05 5.73 -18.25	75.12 5.04 -9.37	62.16 4.82 0.00	60.66 4.39 0.00	59.04 4.27 0.00	75.30 4.70 -14.60	80.43 4.93 -20.04	88.77 5.77 -18.95	130.27 7.13 -48.93	132.91 8.16 -38.93	128.33 7.23 -44.18	111.28 6.50 -34.09	97.79 5.57 -29.64	91.30 4.77 -30.34	80.25 4.37 -21.33
KEDC_PORT_JEFF_GT3 24211	96.94 4.55 -24.46	95.01 4.57 -23.24	89.24 4.41 -19.96	89.08 4.06 -24.42	92.36 4.47 -23.06	109.62 4.97 -37.54	134.47 6.51 -49.52	135.30 7.72 -40.83	108.72 6.23 -33.36	89.05 5.73 -18.25	75.12 5.04 -9.37	62.16 4.82 0.00	60.66 4.39 0.00	59.04 4.27 0.00	75.30 4.70 -14.60	80.43 4.93 -20.04	88.77 5.77 -18.95	130.27 7.13 -48.93	132.91 8.16 -38.93	128.33 7.23 -44.18	111.28 6.50 -34.09	97.79 5.57 -29.64	91.30 4.77 -30.34	80.25 4.37 -21.33
KEDC_GLWD_GT4 24219	95.92 3.53 -24.46	93.93 3.49 -23.24	88.20 3.37 -19.96	88.17 3.15 -24.42	91.38 3.50 -23.06	108.28 3.62 -37.54	132.91 4.94 -49.52	133.65 6.07 -40.83	107.40 4.91 -33.36	88.27 4.94 -18.25	74.64 4.56 -9.37	61.76 4.42 0.00	60.32 4.05 0.00	58.76 4.00 0.00	74.91 4.31 -14.60	79.88 4.38 -20.04	88.19 5.19 -18.95	129.23 6.09 -48.93	131.87 7.12 -38.93	127.32 6.23 -44.18	110.36 5.58 -34.09	96.98 4.75 -29.64	90.85 4.33 -30.34	79.87 3.98 -21.33
KEDC_GLWD_GT5 24220	95.92 3.53 -24.46	93.93 3.49 -23.24	88.20 3.37 -19.96	88.17 3.15 -24.42	91.38 3.50 -23.06	108.28 3.62 -37.54	132.91 4.94 -49.52	133.65 6.07 -40.83	107.40 4.91 -33.36	88.27 4.94 -18.25	74.64 4.56 -9.37	61.76 4.42 0.00	60.32 4.05 0.00	58.76 4.00 0.00	74.91 4.31 -14.60	79.88 4.38 -20.04	88.19 5.19 -18.95	129.23 6.09 -48.93	131.87 7.12 -38.93	127.32 6.23 -44.18	110.36 5.58 -34.09	96.98 4.75 -29.64	90.85 4.33 -30.34	79.87 3.98 -21.33



KENSICO____ 23655	70.10 2.17 0.00	69.35 2.15 0.00	67.01 2.14 0.00	62.54 1.94 0.00	67.03 2.20 0.00	69.53 2.42 0.00	82.05 3.61 0.00	92.56 4.51 -1.30	72.87 3.73 0.00	68.71 3.64 0.00	64.05 3.34 0.00	60.61 3.27 0.00	59.25 2.98 0.00	57.72 2.96 0.00	59.14 3.14 0.00	58.78 3.33 0.00	67.90 3.84 0.00	79.67 4.75 -0.71	91.31 5.49 0.00	82.11 4.85 -0.35	75.00 4.31 0.00	66.28 3.69 0.00	59.38 3.20 0.00	57.40 2.84 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	70.57 2.65 0.00	69.82 2.62 0.00	67.46 2.59 0.00	63.03 2.42 0.00	67.55 2.72 0.00	70.07 2.95 0.00	82.68 4.24 0.00	93.31 5.03 -1.53	73.08 3.94 0.00	68.71 3.64 0.00	63.87 3.16 0.00	60.44 3.10 0.00	58.97 2.70 0.00	57.39 2.63 0.00	58.86 2.86 0.00	58.56 3.11 0.00	67.96 3.91 0.00	79.92 4.97 -0.73	91.74 5.92 0.00	82.55 5.23 -0.40	75.28 4.59 0.00	66.47 3.88 0.00	59.61 3.43 0.00	57.56 3.00 0.00
KIAC_JFK_GT1 23816	69.15 1.22 0.00	68.41 1.21 0.00	65.97 1.10 0.00	61.63 1.03 0.00	66.06 1.23 0.00	68.73 1.61 0.00	81.42 2.98 0.00	92.21 4.16 -1.30	72.73 3.60 0.00	68.52 3.45 0.00	63.87 3.16 0.00	60.49 3.15 0.00	59.19 2.93 0.00	57.94 3.18 0.00	59.36 3.36 0.00	59.06 3.60 0.00	67.90 3.84 0.00	79.68 4.75 -0.71	91.31 5.49 0.00	82.11 4.85 -0.35	75.00 4.31 0.00	66.09 3.50 0.00	59.38 3.20 0.00	57.23 2.67 0.00
KIAC_JFK_GT2 23817	69.15 1.22 0.00	68.41 1.21 0.00	65.97 1.10 0.00	61.63 1.03 0.00	66.06 1.23 0.00	68.73 1.61 0.00	81.42 2.98 0.00	92.21 4.16 -1.30	72.73 3.60 0.00	68.52 3.45 0.00	63.87 3.16 0.00	60.49 3.15 0.00	59.19 2.93 0.00	57.94 3.18 0.00	59.36 3.36 0.00	59.06 3.60 0.00	67.90 3.84 0.00	79.68 4.75 -0.71	91.31 5.49 0.00	82.11 4.85 -0.35	75.00 4.31 0.00	66.09 3.50 0.00	59.38 3.20 0.00	57.23 2.67 0.00
KIAC_JFK____ 323774	69.15 1.22 0.00	68.41 1.21 0.00	65.97 1.10 0.00	61.63 1.03 0.00	66.05 1.23 0.00	68.79 1.68 0.00	81.42 2.98 0.00	92.21 4.16 -1.30	72.73 3.59 0.00	68.52 3.45 0.00	63.86 3.15 0.00	60.49 3.15 0.00	59.36 3.09 0.00	57.94 3.18 0.00	59.36 3.36 0.00	59.01 3.55 0.00	67.90 3.84 0.00	79.68 4.75 -0.71	91.39 5.57 0.00	82.12 4.85 -0.35	75.00 4.31 0.00	66.09 3.50 0.00	58.93 2.75 0.00	57.23 2.67 0.00
KINTIGH____ 23543	61.47 -6.45 0.00	60.41 -6.79 0.00	58.57 -6.29 0.00	54.85 -5.76 0.00	58.47 -6.35 0.00	60.87 -6.24 0.00	69.74 -8.71 0.00	76.51 -10.24 0.00	61.19 -7.95 0.00	57.91 -7.16 0.00	53.91 -6.80 0.00	50.98 -6.36 0.00	50.19 -6.08 0.00	48.96 -5.81 0.00	50.01 -5.99 0.00	49.35 -6.10 0.01	56.02 -7.69 0.34	64.97 -8.83 0.41	72.38 -9.95 3.48	59.79 -9.15 7.98	61.46 -8.27 0.96	55.70 -6.88 0.00	50.51 -5.67 0.00	49.81 -4.75 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	71.80 3.87 0.00	71.03 3.83 0.00	68.30 3.44 0.00	63.63 3.03 0.00	67.87 3.05 0.00	70.94 3.83 0.00	80.72 2.27 0.00	88.22 1.47 0.00	70.66 1.52 0.00	66.50 1.43 0.00	61.98 1.27 0.00	58.26 0.92 0.00	57.00 0.73 0.00	54.98 0.22 0.00	55.72 -0.28 0.00	54.68 -0.78 0.00	62.77 -1.28 0.00	71.84 -2.37 0.00	82.56 -3.26 0.00	74.46 -2.46 0.00	68.70 -1.98 0.00	60.90 -1.69 0.00	54.83 -1.35 0.00	53.58 -0.98 0.00
LACHUTE__HYDRO 323717	75.33 7.40 0.00	74.52 7.33 0.00	71.68 6.81 0.00	67.21 6.61 0.00	72.08 7.26 0.00	74.96 7.85 0.00	88.33 9.88 0.00	113.26 13.45 -13.07	79.37 10.23 0.00	74.96 9.89 0.00	69.45 8.74 0.00	65.71 8.37 0.00	63.86 7.59 0.00	62.16 7.39 0.00	63.73 7.73 0.00	63.49 8.04 0.00	73.66 9.61 0.00	89.24 12.10 -2.93	100.07 14.25 0.00	92.88 12.39 -3.58	81.78 11.10 0.00	72.22 9.63 0.00	64.49 8.31 0.00	62.53 7.97 0.00
LAWRNCV_115KV_TB1 80681	70.64 2.72 0.00	69.95 2.76 0.00	67.33 2.46 0.00	62.79 2.18 0.00	66.83 2.01 0.00	71.95 4.83 0.00	82.76 4.31 0.00	89.96 3.21 0.00	71.70 2.56 0.00	67.28 2.21 0.00	63.20 2.49 0.00	59.92 2.58 0.00	59.87 3.60 0.00	58.82 4.05 0.00	59.92 3.92 0.00	59.22 3.77 0.00	67.96 3.91 0.00	77.26 3.04 0.00	88.39 2.57 0.00	79.46 2.54 0.00	73.86 3.18 0.00	66.41 3.82 0.00	60.17 3.99 0.00	58.33 3.76 0.00
LEDERLE____ 23769	69.83 1.90 0.00	69.15 1.95 0.00	66.81 1.95 0.00	62.36 1.76 0.00	66.83 2.01 0.00	69.33 2.21 0.00	81.74 3.29 0.00	92.16 4.16 -1.25	72.53 3.39 0.00	68.39 3.32 0.00	63.74 3.04 0.00	60.38 3.04 0.00	58.97 2.70 0.00	57.50 2.74 0.00	58.86 2.86 0.00	58.50 3.05 0.00	67.64 3.59 0.00	79.20 4.30 -0.68	90.88 5.06 0.00	81.79 4.54 -0.33	74.64 3.96 0.00	65.97 3.38 0.00	59.16 2.98 0.00	57.23 2.67 0.00
LIGHTHSE_115KV_TB6 355974	68.13 0.20 0.00	67.20 0.00 0.00	64.87 0.00 0.00	60.66 0.06 0.00	64.89 0.06 0.00	67.59 0.47 0.00	79.07 0.63 0.00	87.36 0.61 0.00	69.42 0.28 0.00	65.13 0.07 0.00	60.77 0.06 0.00	57.51 0.17 0.00	56.66 0.39 0.00	55.31 0.55 0.00	56.56 0.56 0.00	56.12 0.67 0.00	64.95 0.90 0.00	75.18 0.96 0.00	87.10 1.29 0.00	77.92 1.00 0.00	71.46 0.78 0.00	63.53 0.94 0.00	56.91 0.73 0.00	55.16 0.60 0.00
LINDEN COGEN____ 23786	52.75 1.70 16.87	52.75 1.68 16.13	52.75 1.62 13.74	52.75 1.52 9.37	52.75 1.75 13.83	52.75 2.01 16.38	58.79 3.22 22.87	72.91 4.25 18.09	54.21 3.46 18.38	52.75 3.45 15.77	52.84 3.15 11.02	51.74 3.09 8.69	51.74 2.81 7.34	51.74 2.85 5.87	51.74 3.02 7.28	51.74 3.16 6.87	56.03 3.71 11.74	71.33 4.60 7.49	71.33 5.32 19.81	70.76 4.61 10.77	63.25 4.10 11.53	57.96 3.44 8.07	52.96 2.86 6.08	51.74 2.56 5.39
LINDHRST_69_KV_BK1 356055	96.53 4.14 -24.46	94.54 4.10 -23.24	88.78 3.96 -19.96	88.72 3.70 -24.42	91.91 4.02 -23.06	109.15 4.50 -37.54	133.92 5.96 -49.52	134.69 7.11 -40.83	108.30 5.81 -33.36	88.79 5.47 -18.25	75.00 4.92 -9.37	62.10 4.76 0.00	60.66 4.39 0.00	59.04 4.27 0.00	75.25 4.65 -14.60	80.32 4.82 -20.04	88.64 5.64 -18.95	130.12 6.98 -48.93	132.82 8.07 -38.93	128.24 7.15 -44.17	111.21 6.43 -34.09	97.73 5.51 -29.64	91.30 4.78 -30.34	80.25 4.36 -21.33
LIPA_MISC_IPP 23656	96.94 4.55 -24.46	95.07 4.64 -23.24	89.30 4.48 -19.96	89.20 4.18 -24.42	92.49 4.60 -23.06	109.69 5.03 -37.54	134.55 6.59 -49.52	135.30 7.72 -40.83	108.72 6.22 -33.36	88.98 5.66 -18.25	75.00 4.92 -9.37	62.04 4.70 0.00	60.49 4.22 0.00	58.87 4.11 0.00	75.08 4.48 -14.60	80.27 4.77 -20.04	88.51 5.51 -18.95	130.12 6.98 -48.93	132.73 7.98 -38.93	128.17 7.08 -44.17	111.07 6.29 -34.09	97.61 5.38 -29.64	91.19 4.66 -30.34	80.14 4.26 -21.33
LISF__SOLAR 323691	97.07 4.68 -24.46	95.21 4.77 -23.24	89.43 4.61 -19.96	89.32 4.30 -24.42	92.62 4.73 -23.06	109.89 5.24 -37.54	134.71 6.75 -49.52	135.55 7.98 -40.83	108.85 6.36 -33.36	89.11 5.79 -18.25	75.12 5.04 -9.37	62.10 4.76 0.00	60.54 4.27 0.00	58.93 4.16 0.00	75.13 4.53 -14.60	80.32 4.82 -20.04	88.64 5.64 -18.95	130.27 7.13 -48.93	132.91 8.16 -38.93	128.25 7.15 -44.18	111.21 6.43 -34.09	97.73 5.51 -29.64	91.24 4.72 -30.34	80.25 4.37 -21.33



LITTLE FALLS___HYD 24013	70.50 2.58 0.00	69.68 2.49 0.00	67.33 2.46 0.00	62.85 2.24 0.00	67.16 2.33 0.00	69.47 2.35 0.00	80.80 2.35 0.00	89.35 2.60 0.00	71.35 2.21 0.00	67.48 2.41 0.00	62.89 2.19 0.00	59.29 1.95 0.00	58.07 1.80 0.00	56.52 1.75 0.00	57.74 1.74 0.00	57.17 1.72 0.00	66.11 2.05 0.00	76.52 2.30 0.00	88.39 2.57 0.00	79.07 2.15 0.00	72.52 1.84 0.00	64.40 1.82 0.00	57.75 1.57 0.00	56.14 1.58 0.00
LITTLRIV_115KV_TB1 356100	71.46 3.53 0.00	70.76 3.56 0.00	68.11 3.24 0.00	63.57 2.97 0.00	67.68 2.85 0.00	71.88 4.77 0.00	82.76 4.31 0.00	90.05 3.30 0.00	71.77 2.63 0.00	67.28 2.21 0.00	63.14 2.43 0.00	59.75 2.41 0.00	59.53 3.26 0.00	58.38 3.61 0.00	59.47 3.47 0.00	58.73 3.27 0.00	67.58 3.52 0.00	77.04 2.82 0.00	88.31 2.49 0.00	79.46 2.54 0.00	73.65 2.97 0.00	66.09 3.50 0.00	59.72 3.54 0.00	57.89 3.33 0.00
LI_NEWBRDGE___DRP 323616	95.44 3.06 -24.46	93.46 3.02 -23.24	87.74 2.92 -19.96	87.75 2.73 -24.42	90.93 3.05 -23.06	107.94 3.29 -37.54	132.59 4.63 -49.52	133.22 5.64 -40.83	107.13 4.63 -33.36	87.81 4.49 -18.25	74.21 4.13 -9.37	61.35 4.01 0.00	59.87 3.60 0.00	58.32 3.56 0.00	74.46 3.86 -14.60	79.54 4.05 -20.04	87.68 4.68 -18.95	128.86 5.71 -48.93	131.27 6.52 -38.93	126.94 5.85 -44.17	110.01 5.23 -34.09	96.67 4.44 -29.64	90.46 3.93 -30.34	79.43 3.55 -21.33
LOCKPORT_115KV_TB60_63_64 80432	61.06 -6.86 0.00	59.87 -7.32 0.00	58.12 -6.75 0.00	54.48 -6.12 0.00	58.02 -6.81 0.00	60.47 -6.64 0.00	69.11 -9.33 0.00	75.64 -11.10 0.00	60.43 -8.71 0.00	57.26 -7.81 0.00	53.24 -7.47 0.00	50.34 -7.00 0.00	49.57 -6.70 0.00	48.41 -6.35 0.00	49.34 -6.66 0.00	48.68 -6.77 0.01	55.26 -8.39 0.41	64.37 -9.35 0.50	71.13 -10.64 4.04	57.90 -9.77 9.26	60.80 -8.76 1.12	54.95 -7.64 0.00	49.94 -6.24 0.00	49.43 -5.13 0.00
LOCKPORT___CC1 323769	60.99 -6.93 0.00	59.87 -7.32 0.00	58.25 -6.62 0.00	54.42 -6.18 0.00	57.95 -6.87 0.00	60.20 -6.91 0.00	68.95 -9.49 0.00	75.90 -10.85 0.00	60.43 -8.71 0.00	57.19 -7.88 0.00	53.12 -7.59 0.00	50.29 -7.05 0.00	49.51 -6.75 0.00	48.36 -6.41 0.00	49.28 -6.72 0.00	48.57 -6.88 0.01	55.12 -8.52 0.42	64.21 -9.50 0.51	70.89 -10.82 4.12	57.57 -9.92 9.42	60.70 -8.84 1.14	54.89 -7.70 0.00	50.22 -5.96 0.00	49.43 -5.13 0.00
LOCKPORT___CC2 323770	60.99 -6.93 0.00	59.87 -7.32 0.00	58.25 -6.62 0.00	54.42 -6.18 0.00	57.95 -6.87 0.00	60.20 -6.91 0.00	68.95 -9.49 0.00	75.90 -10.85 0.00	60.43 -8.71 0.00	57.19 -7.88 0.00	53.12 -7.59 0.00	50.29 -7.05 0.00	49.51 -6.75 0.00	48.36 -6.41 0.00	49.28 -6.72 0.00	48.57 -6.88 0.01	55.12 -8.52 0.42	64.21 -9.50 0.51	70.89 -10.82 4.12	57.57 -9.92 9.42	60.70 -8.84 1.14	54.89 -7.70 0.00	50.22 -5.96 0.00	49.43 -5.13 0.00
LOCKPORT___CC3 323771	60.99 -6.93 0.00	59.87 -7.32 0.00	58.25 -6.62 0.00	54.42 -6.18 0.00	57.95 -6.87 0.00	60.20 -6.91 0.00	68.95 -9.49 0.00	75.90 -10.85 0.00	60.43 -8.71 0.00	57.19 -7.88 0.00	53.12 -7.59 0.00	50.29 -7.05 0.00	49.51 -6.75 0.00	48.36 -6.41 0.00	49.28 -6.72 0.00	48.57 -6.88 0.01	55.12 -8.52 0.42	64.21 -9.50 0.51	70.89 -10.82 4.12	57.57 -9.92 9.42	60.70 -8.84 1.14	54.89 -7.70 0.00	50.22 -5.96 0.00	49.43 -5.13 0.00
LONG_LAKE_PHOENIX 24014	67.11 -0.82 0.00	66.19 -1.01 0.00	63.96 -0.91 0.00	59.82 -0.79 0.00	64.05 -0.78 0.00	66.58 -0.54 0.00	77.97 -0.47 0.00	86.31 -0.43 0.00	68.66 -0.48 0.00	64.42 -0.65 0.00	60.10 -0.61 0.00	56.82 -0.52 0.00	55.99 -0.28 0.00	54.55 -0.22 0.00	55.78 -0.22 0.00	55.29 -0.17 0.00	63.99 -0.06 0.00	74.22 0.00 0.00	85.99 0.17 0.00	76.92 0.00 0.00	70.54 -0.14 0.00	62.53 -0.06 0.00	56.07 -0.11 0.00	54.40 -0.16 0.00
LOVETT___3 23632	69.55 1.63 0.00	68.81 1.61 0.00	66.49 1.62 0.00	62.12 1.52 0.00	66.51 1.69 0.00	69.00 1.88 0.00	81.34 2.90 0.00	91.64 3.64 -1.25	72.25 3.11 0.00	68.06 2.99 0.00	63.50 2.79 0.00	60.09 2.75 0.00	58.74 2.48 0.00	57.28 2.52 0.00	58.63 2.63 0.00	58.28 2.83 0.00	67.32 3.27 0.00	78.84 3.93 -0.69	90.37 4.55 0.00	81.33 4.08 -0.33	74.29 3.60 0.00	65.72 3.13 0.00	58.93 2.75 0.00	56.96 2.40 0.00
LOVETT___4 23642	69.55 1.63 0.00	68.81 1.61 0.00	66.49 1.62 0.00	62.12 1.52 0.00	66.51 1.69 0.00	69.00 1.88 0.00	81.34 2.90 0.00	91.64 3.64 -1.25	72.25 3.11 0.00	68.06 2.99 0.00	63.50 2.79 0.00	60.09 2.75 0.00	58.74 2.48 0.00	57.28 2.52 0.00	58.63 2.63 0.00	58.28 2.83 0.00	67.32 3.27 0.00	78.84 3.93 -0.69	90.37 4.55 0.00	81.33 4.08 -0.33	74.29 3.60 0.00	65.72 3.13 0.00	58.93 2.75 0.00	56.96 2.40 0.00
LOVETT___5 23593	69.55 1.63 0.00	68.81 1.61 0.00	66.49 1.62 0.00	62.12 1.52 0.00	66.51 1.69 0.00	69.00 1.88 0.00	81.34 2.90 0.00	91.64 3.64 -1.25	72.25 3.11 0.00	68.06 2.99 0.00	63.50 2.79 0.00	60.09 2.75 0.00	58.74 2.48 0.00	57.28 2.52 0.00	58.63 2.63 0.00	58.28 2.83 0.00	67.32 3.27 0.00	78.84 3.93 -0.69	90.37 4.55 0.00	81.33 4.08 -0.33	74.29 3.60 0.00	65.72 3.13 0.00	58.93 2.75 0.00	56.96 2.40 0.00
LOWER RAQUET___HYD 24057	70.71 2.79 0.00	70.02 2.82 0.00	67.39 2.53 0.00	62.85 2.24 0.00	66.90 2.07 0.00	71.61 4.50 0.00	82.36 3.92 0.00	84.49 -2.26 0.00	71.35 2.21 0.00	66.96 1.89 0.00	62.89 2.18 0.00	59.64 2.30 0.00	59.59 3.32 0.00	58.54 3.78 0.00	59.64 3.64 0.00	58.95 3.50 0.00	67.64 3.58 0.00	76.88 2.67 0.00	83.33 -2.49 0.00	79.07 2.15 0.00	73.44 2.75 0.00	66.09 3.50 0.00	59.83 3.65 0.00	58.00 3.44 0.00
LOWER___HUDSON 24059	70.84 2.92 0.00	70.08 2.89 0.00	67.65 2.79 0.00	63.21 2.60 0.00	67.74 2.92 0.00	70.21 3.09 0.00	82.36 3.92 0.00	103.16 5.03 -11.38	73.01 3.87 0.00	69.04 3.97 0.00	64.35 3.64 0.00	60.90 3.56 0.00	59.30 3.04 0.00	57.78 3.01 0.00	59.13 3.13 0.00	58.61 3.16 0.00	67.77 3.71 0.00	81.42 4.60 -2.60	91.23 5.41 0.00	84.77 4.77 -3.08	75.00 4.31 0.00	66.28 3.69 0.00	59.38 3.20 0.00	57.67 3.11 0.00
LOWVILLE_115KV_TB2 356335	70.50 2.58 0.00	69.68 2.49 0.00	67.14 2.27 0.00	62.79 2.18 0.00	67.09 2.27 0.00	70.40 3.29 0.00	82.36 3.92 0.00	90.65 3.90 0.00	72.04 2.90 0.00	67.41 2.34 0.00	62.89 2.19 0.00	59.29 1.95 0.00	58.69 2.42 0.00	57.50 2.74 0.00	58.69 2.69 0.00	58.28 2.83 0.00	67.51 3.46 0.00	77.93 3.71 0.00	90.11 4.29 0.00	80.69 3.77 0.00	74.15 3.46 0.00	65.84 3.25 0.00	59.05 2.87 0.00	57.18 2.62 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	71.73 3.80 0.00	70.96 3.76 0.00	68.50 3.63 0.00	64.00 3.39 0.00	68.52 3.69 0.00	71.14 4.03 0.00	83.54 5.10 0.00	106.95 7.03 -13.17	74.39 5.25 0.00	70.40 5.34 0.00	65.51 4.80 0.00	61.98 4.64 0.00	60.32 4.05 0.00	58.76 4.00 0.00	60.14 4.14 0.00	59.72 4.27 0.00	68.99 4.93 0.00	83.44 6.31 -2.92	93.20 7.38 0.00	87.15 6.54 -3.69	76.55 5.87 0.00	67.66 5.07 0.00	60.62 4.44 0.00	58.82 4.26 0.00



LUTHERNY_35_KV_BK2 355980	71.80 3.87 0.00	71.03 3.83 0.00	68.56 3.70 0.00	64.06 3.45 0.00	68.58 3.76 0.00	71.14 4.03 0.00	83.54 5.10 0.00	107.03 7.11 -13.17	74.46 5.32 0.00	70.47 5.40 0.00	65.57 4.86 0.00	62.04 4.70 0.00	60.37 4.11 0.00	58.76 4.00 0.00	60.20 4.20 0.00	59.78 4.33 0.00	69.05 5.00 0.00	83.52 6.38 -2.92	93.28 7.47 0.00	87.15 6.54 -3.69	76.55 5.87 0.00	67.72 5.13 0.00	60.67 4.49 0.00	58.87 4.31 0.00
LWR___OSWEGATCHIE_HYD 23850	70.44 2.51 0.00	69.68 2.49 0.00	67.07 2.21 0.00	62.66 2.06 0.00	66.77 1.94 0.00	70.87 3.76 0.00	82.21 3.77 0.00	89.87 3.12 0.00	71.49 2.35 0.00	67.02 1.95 0.00	62.71 2.00 0.00	59.35 2.01 0.00	58.97 2.70 0.00	57.89 3.12 0.00	59.08 3.08 0.00	58.50 3.05 0.00	67.51 3.46 0.00	77.26 3.04 0.00	88.91 3.09 0.00	79.77 2.85 0.00	73.65 2.97 0.00	65.90 3.32 0.00	59.38 3.20 0.00	57.51 2.95 0.00
LYONS_FALL_HYD 23570	70.10 2.17 0.00	69.35 2.15 0.00	66.88 2.01 0.00	62.54 1.94 0.00	66.77 1.94 0.00	69.87 2.75 0.00	81.74 3.29 0.00	89.35 2.60 0.00	71.77 2.63 0.00	67.09 2.02 0.00	62.59 1.88 0.00	59.00 1.66 0.00	58.35 2.08 0.00	57.06 2.30 0.00	58.30 2.30 0.00	57.84 2.38 0.00	67.00 2.95 0.00	77.48 3.26 0.00	88.90 3.08 0.00	80.30 3.38 0.00	73.72 3.04 0.00	65.34 2.75 0.00	58.59 2.41 0.00	56.75 2.18 0.00
MADISON___COUNTY_LFGE 323628	69.42 1.49 0.00	68.68 1.48 0.00	66.29 1.43 0.00	62.00 1.39 0.00	66.32 1.49 0.00	69.06 1.95 0.00	80.87 2.43 0.00	89.35 2.60 0.00	71.14 2.01 0.00	66.57 1.50 0.00	62.04 1.34 0.00	58.54 1.20 0.00	57.73 1.46 0.00	56.30 1.53 0.00	57.57 1.57 0.00	57.12 1.66 0.00	66.11 2.05 0.00	76.59 2.37 0.00	88.74 2.92 0.00	79.38 2.46 0.00	72.88 2.19 0.00	64.47 1.88 0.00	57.75 1.57 0.00	56.03 1.47 0.00
MALONE___115KV_TB1 356076	71.80 3.87 0.00	71.03 3.83 0.00	68.30 3.44 0.00	63.63 3.03 0.00	67.87 3.05 0.00	70.81 3.69 0.00	81.34 2.90 0.00	88.74 2.00 0.00	71.01 1.87 0.00	66.83 1.76 0.00	62.47 1.76 0.00	58.89 1.55 0.00	58.07 1.80 0.00	56.41 1.64 0.00	57.40 1.40 0.00	56.56 1.11 0.00	65.02 0.96 0.00	74.44 0.22 0.00	85.47 -0.34 0.00	77.00 0.08 0.00	71.25 0.57 0.00	63.46 0.88 0.00	57.19 1.01 0.00	55.43 0.87 0.00
MAPLEWOD_115KV_TB3 80458	70.37 2.45 0.00	69.68 2.49 0.00	67.27 2.40 0.00	62.85 2.24 0.00	67.29 2.46 0.00	69.73 2.62 0.00	81.74 3.29 0.00	99.97 3.90 -9.32	72.25 3.11 0.00	68.39 3.32 0.00	63.81 3.10 0.00	60.38 3.04 0.00	58.80 2.53 0.00	57.28 2.52 0.00	58.63 2.63 0.00	58.00 2.55 0.00	67.00 2.95 0.00	80.08 3.64 -2.23	89.94 4.12 0.00	83.26 3.77 -2.57	74.08 3.39 0.00	65.53 2.94 0.00	58.76 2.58 0.00	57.12 2.56 0.00
MAPLE_RIDGE_WT_1 323574	68.26 0.34 0.00	67.54 0.34 0.00	65.06 0.20 0.00	60.66 0.06 0.00	64.70 -0.13 0.00	66.72 -0.40 0.00	77.58 -0.86 0.00	85.45 -1.30 0.00	68.17 -0.97 0.00	63.96 -1.11 0.00	59.62 -1.09 0.00	56.19 -1.15 0.00	55.26 -1.01 0.00	53.72 -1.04 0.00	54.82 -1.18 0.00	54.23 -1.22 0.00	62.65 -1.41 0.00	72.43 -1.78 0.00	83.68 -2.14 0.00	75.07 -1.85 0.00	69.13 -1.56 0.00	61.21 -1.38 0.00	55.00 -1.18 0.00	53.41 -1.15 0.00
MAPLE_RIDGE_WT_2 323611	68.26 0.34 0.00	67.54 0.34 0.00	65.06 0.20 0.00	60.66 0.06 0.00	64.70 -0.13 0.00	66.72 -0.40 0.00	77.58 -0.86 0.00	85.45 -1.30 0.00	68.17 -0.97 0.00	63.96 -1.11 0.00	59.62 -1.09 0.00	56.19 -1.15 0.00	55.26 -1.01 0.00	53.72 -1.04 0.00	54.82 -1.18 0.00	54.23 -1.22 0.00	62.65 -1.41 0.00	72.43 -1.78 0.00	83.68 -2.14 0.00	75.07 -1.85 0.00	69.13 -1.56 0.00	61.21 -1.38 0.00	55.00 -1.18 0.00	53.41 -1.15 0.00
MARBLE_RIVER_WT_PWR 323696	70.37 2.44 0.00	69.61 2.42 0.00	67.00 2.14 0.00	62.42 1.82 0.00	66.64 1.81 0.00	70.40 3.29 0.00	79.93 1.49 0.00	87.01 0.26 0.00	70.04 0.90 0.00	65.98 0.91 0.00	61.44 0.73 0.00	57.63 0.29 0.00	56.21 -0.06 0.00	54.00 -0.77 0.00	54.54 -1.46 0.00	53.35 -2.11 0.00	60.92 -3.14 0.00	69.46 -4.75 0.00	79.90 -5.92 0.00	71.92 -5.00 0.00	66.23 -4.45 0.00	58.77 -3.82 0.00	52.87 -3.31 0.00	51.83 -2.73 0.00
MARSHVLE_115KV_TB1 80742	71.25 3.33 0.00	70.49 3.29 0.00	67.98 3.11 0.00	63.57 2.97 0.00	68.13 3.31 0.00	70.87 3.76 0.00	83.15 4.71 0.00	104.32 5.12 -12.46	72.32 3.18 0.00	68.06 2.99 0.00	63.32 2.61 0.00	59.75 2.41 0.00	58.18 1.91 0.00	56.79 2.03 0.00	58.02 2.02 0.00	57.95 2.50 0.00	67.51 3.46 0.00	81.85 4.90 -2.74	91.74 5.92 0.00	85.52 5.08 -3.53	75.14 4.45 0.00	66.59 4.01 0.00	59.49 3.31 0.00	57.56 3.00 0.00
MARSH_HILL_WT_PWR 323713	66.02 -1.90 0.00	64.78 -2.42 0.00	62.92 -1.94 0.00	58.73 -1.88 0.00	62.62 -2.20 0.00	65.03 -2.08 0.00	75.38 -3.06 0.00	83.36 -3.73 -0.34	65.62 -3.52 0.00	61.55 -3.51 0.00	57.00 -3.71 0.00	53.67 -3.67 0.00	52.83 -3.43 0.00	51.32 -3.45 0.00	52.30 -3.70 0.00	51.55 -3.88 0.02	58.62 -4.29 1.14	68.07 -4.60 1.55	68.95 -5.40 11.47	45.59 -5.15 26.18	62.64 -4.88 3.17	58.27 -4.32 0.00	52.75 -3.43 0.00	51.67 -2.89 0.00
MCINTYRE_115KV_TB2 80467	71.86 3.94 0.00	71.16 3.96 0.00	68.56 3.70 0.00	63.94 3.33 0.00	68.13 3.31 0.00	71.55 4.43 0.00	82.52 4.08 0.00	90.05 3.30 0.00	71.70 2.56 0.00	67.22 2.15 0.00	62.89 2.19 0.00	59.40 2.06 0.00	58.97 2.70 0.00	57.67 2.90 0.00	58.80 2.80 0.00	58.12 2.66 0.00	67.00 2.95 0.00	76.66 2.45 0.00	88.05 2.23 0.00	79.23 2.31 0.00	73.37 2.69 0.00	65.53 2.94 0.00	59.10 2.92 0.00	57.29 2.73 0.00
MECO_____69_KV_BK1 80468	72.75 4.82 0.00	71.90 4.70 0.00	69.34 4.48 0.00	64.79 4.18 0.00	69.43 4.60 0.00	72.28 5.17 0.00	84.95 6.51 0.00	107.23 7.11 -13.37	73.98 4.84 0.00	69.95 4.88 0.00	65.08 4.37 0.00	61.41 4.07 0.00	59.64 3.38 0.00	58.16 3.40 0.00	59.47 3.47 0.00	59.34 3.88 0.00	68.99 4.93 0.00	83.74 6.61 -2.92	93.71 7.90 0.00	87.63 6.92 -3.79	76.83 6.15 0.00	67.91 5.32 0.00	60.73 4.55 0.00	58.76 4.20 0.00
MENANDS___115KV_TB5 355628	70.16 2.24 0.00	69.48 2.28 0.00	67.07 2.21 0.00	62.66 2.06 0.00	67.09 2.27 0.00	69.47 2.35 0.00	81.42 2.98 0.00	99.08 3.47 -8.86	71.90 2.77 0.00	68.13 3.06 0.00	63.56 2.85 0.00	60.15 2.81 0.00	58.57 2.31 0.00	57.07 2.30 0.00	58.41 2.41 0.00	57.73 2.27 0.00	66.62 2.56 0.00	79.55 3.19 -2.15	89.34 3.52 0.00	82.66 3.31 -2.43	73.72 3.04 0.00	65.15 2.57 0.00	58.48 2.30 0.00	56.96 2.40 0.00
MG INDUSTRY___DRP 24185	70.03 2.11 0.00	69.35 2.15 0.00	66.94 2.08 0.00	62.54 1.94 0.00	66.96 2.14 0.00	69.33 2.21 0.00	81.11 2.67 0.00	94.37 2.78 -4.85	71.35 2.21 0.00	67.41 2.34 0.00	62.83 2.12 0.00	59.46 2.12 0.00	58.01 1.74 0.00	56.52 1.75 0.00	57.90 1.90 0.00	57.28 1.83 0.00	66.17 2.11 0.00	78.24 2.60 -1.43	88.82 3.00 0.00	80.74 2.62 -1.21	73.23 2.54 0.00	64.78 2.19 0.00	58.09 1.91 0.00	56.63 2.07 0.00



MID___OSWEGATCHIE_HYD 23849	70.44 2.51 0.00	69.68 2.49 0.00	67.07 2.21 0.00	62.66 2.06 0.00	66.77 1.94 0.00	70.87 3.76 0.00	82.21 3.77 0.00	89.87 3.12 0.00	71.49 2.35 0.00	67.02 1.95 0.00	62.71 2.00 0.00	59.35 2.01 0.00	58.97 2.70 0.00	57.89 3.12 0.00	59.08 3.08 0.00	58.50 3.05 0.00	67.51 3.46 0.00	77.26 3.04 0.00	88.91 3.09 0.00	79.77 2.85 0.00	73.65 2.97 0.00	65.90 3.32 0.00	59.38 3.20 0.00	57.51 2.95 0.00
MID___RAQUETTE_HYD 23851	70.71 2.78 0.00	70.02 2.82 0.00	67.40 2.53 0.00	62.85 2.24 0.00	66.90 2.07 0.00	71.61 4.50 0.00	82.36 3.92 0.00	89.52 2.78 0.00	71.35 2.21 0.00	66.96 1.89 0.00	62.89 2.19 0.00	59.63 2.29 0.00	59.59 3.32 0.00	58.54 3.78 0.00	59.64 3.64 0.00	58.89 3.44 0.00	67.64 3.59 0.00	76.89 2.67 0.00	87.96 2.15 0.00	79.07 2.15 0.00	73.44 2.76 0.00	66.09 3.50 0.00	59.83 3.65 0.00	58.00 3.44 0.00
MILLIKEN___1 23584	68.06 0.14 0.00	67.13 -0.07 0.00	64.87 0.00 0.00	60.66 0.06 0.00	64.95 0.13 0.00	67.45 0.34 0.00	78.99 0.55 0.00	87.71 0.61 -0.36	69.42 0.28 0.00	65.20 0.13 0.00	60.71 0.00 0.00	57.28 -0.06 0.00	56.21 -0.06 0.00	54.76 0.00 0.00	56.00 0.00 0.00	55.59 0.11 -0.03	65.95 0.45 -1.44	77.20 0.67 -2.31	101.27 0.94 -14.51	110.97 0.69 -33.35	75.19 0.49 -4.01	63.03 0.44 0.00	56.52 0.34 0.00	54.94 0.38 0.00
MILLIKEN___2 23585	68.06 0.14 0.00	67.13 -0.07 0.00	64.87 0.00 0.00	60.66 0.06 0.00	64.95 0.13 0.00	67.45 0.34 0.00	78.99 0.55 0.00	87.71 0.61 -0.36	69.42 0.28 0.00	65.20 0.13 0.00	60.71 0.00 0.00	57.28 -0.06 0.00	56.21 -0.06 0.00	54.76 0.00 0.00	56.00 0.00 0.00	55.59 0.11 -0.03	65.95 0.45 -1.44	77.20 0.67 -2.31	101.27 0.94 -14.51	110.97 0.69 -33.35	75.19 0.49 -4.01	63.03 0.44 0.00	56.52 0.34 0.00	54.94 0.38 0.00
MILLIKEN___DIESEL 23629	68.06 0.14 0.00	67.13 -0.07 0.00	64.87 0.00 0.00	60.66 0.06 0.00	64.95 0.13 0.00	67.45 0.34 0.00	78.99 0.55 0.00	87.71 0.61 -0.36	69.42 0.28 0.00	65.20 0.13 0.00	60.71 0.00 0.00	57.28 -0.06 0.00	56.21 -0.06 0.00	54.76 0.00 0.00	56.00 0.00 0.00	55.59 0.11 -0.03	65.95 0.45 -1.44	77.20 0.67 -2.31	101.27 0.94 -14.51	110.97 0.69 -33.35	75.19 0.49 -4.01	63.03 0.44 0.00	56.52 0.34 0.00	54.94 0.38 0.00
MILLSEAT___LFGE 323607	62.42 -5.50 0.00	61.22 -5.98 0.00	59.48 -5.38 0.00	55.70 -4.91 0.00	59.31 -5.51 0.00	61.74 -5.37 0.00	71.07 -7.38 0.00	78.42 -8.33 0.00	62.37 -6.77 0.00	58.89 -6.18 0.00	54.64 -6.07 0.00	51.66 -5.68 0.00	50.87 -5.40 0.00	49.67 -5.09 0.00	50.68 -5.32 0.00	50.01 -5.43 0.01	57.01 -6.66 0.39	66.48 -7.27 0.47	73.83 -8.15 3.83	60.52 -7.62 8.78	62.83 -6.79 1.06	56.64 -5.95 0.00	51.68 -4.50 0.00	50.63 -3.93 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	70.03 2.11 0.00	69.28 2.08 0.00	66.88 2.01 0.00	62.48 1.88 0.00	66.90 2.07 0.00	69.47 2.35 0.00	81.89 3.45 0.00	92.38 4.34 -1.29	72.73 3.60 0.00	68.52 3.45 0.00	63.87 3.16 0.00	60.49 3.15 0.00	59.14 2.87 0.00	57.61 2.85 0.00	59.02 3.02 0.00	58.61 3.16 0.00	67.77 3.72 0.00	79.45 4.53 -0.71	91.05 5.23 0.00	81.96 4.69 -0.34	74.85 4.17 0.00	66.09 3.50 0.00	59.27 3.09 0.00	57.29 2.73 0.00
MILLWOOD_13_KV_LOAD 356217	70.10 2.17 0.00	69.41 2.22 0.00	67.01 2.14 0.00	62.54 1.94 0.00	67.03 2.20 0.00	69.53 2.42 0.00	82.05 3.61 0.00	92.55 4.51 -1.29	72.87 3.73 0.00	68.65 3.58 0.00	63.99 3.28 0.00	60.61 3.27 0.00	59.19 2.93 0.00	57.72 2.96 0.00	59.08 3.08 0.00	58.73 3.27 0.00	67.90 3.84 0.00	79.60 4.68 -0.71	91.31 5.49 0.00	82.11 4.85 -0.34	75.00 4.31 0.00	66.28 3.69 0.00	59.38 3.20 0.00	57.40 2.84 0.00
MODEL_CITY_ENERGY 24167	60.38 -7.54 0.00	59.27 -7.93 0.00	57.66 -7.20 0.00	53.88 -6.73 0.00	57.37 -7.45 0.00	59.60 -7.52 0.00	68.17 -10.27 0.00	75.04 -11.71 0.00	59.67 -9.47 0.00	56.48 -8.59 0.00	52.45 -8.26 0.00	49.66 -7.68 0.00	48.95 -7.31 0.00	47.81 -6.96 0.00	48.72 -7.28 0.00	48.02 -7.43 0.01	54.47 -9.16 0.42	63.54 -10.16 0.51	70.10 -11.59 4.13	56.94 -10.54 9.44	60.14 -9.40 1.15	54.26 -8.32 0.00	49.72 -6.46 0.00	48.89 -5.68 0.00
MODERN_LFGE___ 323580	60.38 -7.54 0.00	59.27 -7.93 0.00	57.66 -7.20 0.00	53.88 -6.73 0.00	57.37 -7.45 0.00	59.60 -7.52 0.00	68.17 -10.27 0.00	75.04 -11.71 0.00	59.67 -9.47 0.00	56.48 -8.59 0.00	52.45 -8.26 0.00	49.66 -7.68 0.00	48.95 -7.31 0.00	47.81 -6.96 0.00	48.72 -7.28 0.00	48.02 -7.43 0.01	54.47 -9.16 0.42	63.54 -10.16 0.51	70.10 -11.59 4.13	56.94 -10.54 9.44	60.14 -9.40 1.15	54.26 -8.32 0.00	49.72 -6.46 0.00	48.89 -5.68 0.00
MOHAWK_PAPER___DRP 24187	70.37 2.45 0.00	69.68 2.49 0.00	67.27 2.40 0.00	62.85 2.24 0.00	67.29 2.46 0.00	69.73 2.62 0.00	81.74 3.29 0.00	99.97 3.90 -9.32	72.25 3.11 0.00	68.39 3.32 0.00	63.81 3.10 0.00	60.38 3.04 0.00	58.80 2.53 0.00	57.28 2.52 0.00	58.63 2.63 0.00	58.00 2.55 0.00	67.00 2.95 0.00	80.08 3.64 -2.23	89.94 4.12 0.00	83.26 3.77 -2.57	74.08 3.39 0.00	65.53 2.94 0.00	58.76 2.58 0.00	57.12 2.56 0.00
MOHICAN___35_KV_115KV_LD 80490	72.95 5.03 0.00	72.17 4.97 0.00	69.60 4.74 0.00	65.09 4.48 0.00	69.69 4.86 0.00	72.42 5.30 0.00	85.19 6.75 0.00	109.32 9.54 -13.02	76.81 7.67 0.00	72.68 7.61 0.00	67.45 6.74 0.00	63.82 6.48 0.00	62.06 5.80 0.00	60.41 5.64 0.00	61.88 5.88 0.00	61.50 6.04 0.00	71.04 6.98 0.00	86.19 9.05 -2.92	96.46 10.64 0.00	89.85 9.23 -3.69	78.95 8.27 0.00	69.91 7.32 0.00	62.47 6.29 0.00	60.62 6.06 0.00
MONGAUP___HYD 23641	70.37 2.44 0.00	69.55 2.35 0.00	67.20 2.33 0.00	62.72 2.12 0.00	67.29 2.46 0.00	69.87 2.75 0.00	82.29 3.84 0.00	92.43 4.51 -1.18	72.46 3.32 0.00	68.13 3.06 0.00	63.32 2.61 0.00	59.92 2.58 0.00	58.52 2.25 0.00	56.96 2.19 0.00	58.41 2.41 0.00	58.06 2.61 0.00	67.45 3.39 0.00	79.24 4.38 -0.65	91.14 5.32 0.00	81.85 4.61 -0.32	74.71 4.03 0.00	65.97 3.38 0.00	59.10 2.92 0.00	57.23 2.67 0.00
MONTAUK___DIESEL 23721	99.04 6.66 -24.46	97.23 6.79 -23.24	91.44 6.62 -19.96	91.20 6.18 -24.42	94.63 6.74 -23.06	112.04 7.38 -37.54	137.30 9.33 -49.52	138.33 10.76 -40.83	110.86 8.37 -33.36	90.74 7.42 -18.25	76.15 6.07 -9.37	62.84 5.50 0.00	61.05 4.78 0.00	59.09 4.33 0.00	75.08 4.48 -14.60	80.21 4.71 -20.04	88.32 5.32 -18.95	130.27 7.12 -48.93	132.13 7.38 -38.93	127.55 6.46 -44.17	110.36 5.58 -34.09	96.92 4.69 -29.64	90.46 3.93 -30.34	79.98 4.09 -21.33
MOONROAD_115KV_HARTFLD_TB1-2 355988	64.93 -2.99 0.00	63.57 -3.63 0.00	61.75 -3.11 0.00	57.70 -2.91 0.00	61.45 -3.37 0.00	64.10 -3.02 0.00	73.58 -4.86 0.00	80.68 -6.07 0.00	64.65 -4.49 0.00	61.17 -3.90 0.00	56.64 -4.07 0.00	53.61 -3.73 0.00	52.16 -4.11 0.00	50.88 -3.89 0.00	52.30 -3.70 0.00	51.62 -3.83 0.01	58.32 -5.19 0.54	67.75 -5.79 0.68	73.97 -6.44 5.41	58.46 -6.08 12.38	63.87 -5.30 1.51	57.89 -4.69 0.00	52.42 -3.76 0.00	51.94 -2.62 0.00



MORRIS_RIDGE___SOLAR 323848	64.53 -3.39 0.00	63.37 -3.83 0.00	61.49 -3.38 0.00	57.39 -3.21 0.00	61.20 -3.63 0.00	63.49 -3.63 0.00	73.42 -5.02 0.00	81.09 -5.98 0.00	63.88 -5.26 0.00	60.12 -4.95 0.00	55.73 -4.98 0.00	52.64 -4.70 0.00	51.82 -4.45 0.00	50.38 -4.38 0.00	51.30 -4.70 0.00	50.67 -4.77 0.01	57.79 -5.51 0.75	67.30 -5.94 0.97	71.57 -6.69 7.55	53.56 -6.16 17.21	62.93 -5.66 2.09	57.71 -4.88 0.00	52.42 -3.76 0.00	51.39 -3.17 0.00
MORTIMER_115KV_TB3 55949	63.64 -4.28 0.00	62.56 -4.64 0.00	60.58 -4.28 0.00	56.79 -3.82 0.00	60.61 -4.21 0.00	63.09 -4.03 0.00	72.79 -5.65 0.00	80.33 -6.42 0.00	64.09 -5.05 0.00	60.45 -4.62 0.00	56.34 -4.37 0.00	53.21 -4.13 0.00	52.33 -3.94 0.00	51.04 -3.72 0.00	52.14 -3.86 0.00	51.57 -3.88 0.01	58.97 -4.80 0.28	68.30 -5.49 0.42	76.89 -6.09 2.83	64.74 -5.69 6.49	64.67 -5.23 0.78	58.27 -4.32 0.00	52.53 -3.65 0.00	51.51 -3.06 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	70.23 2.31 0.00	69.48 2.28 0.00	67.07 2.21 0.00	62.66 2.06 0.00	67.09 2.27 0.00	69.67 2.55 0.00	82.29 3.84 0.00	92.91 4.86 -1.30	73.15 4.01 0.00	68.97 3.90 0.00	64.29 3.58 0.00	60.90 3.56 0.00	59.53 3.26 0.00	58.00 3.23 0.00	59.42 3.42 0.00	59.06 3.60 0.00	68.22 4.16 0.00	80.05 5.12 -0.71	91.65 5.84 0.00	82.50 5.23 -0.35	75.35 4.67 0.00	66.53 3.94 0.00	59.61 3.43 0.00	57.56 3.00 0.00
MUNSVILLE_WIND_PWR 323609	73.15 5.23 0.00	72.17 4.97 0.00	69.67 4.80 0.00	65.27 4.67 0.00	69.62 4.80 0.00	72.75 5.64 0.00	85.42 6.98 0.00	94.98 7.37 -0.86	74.26 5.12 0.00	69.56 4.49 0.00	64.65 3.94 0.00	60.78 3.44 0.00	59.36 3.09 0.00	58.05 3.29 0.00	59.19 3.19 0.00	58.85 3.38 -0.01	69.26 4.48 -0.72	80.96 5.35 -1.40	99.78 6.70 -7.27	99.58 5.77 -16.89	77.71 5.02 -2.01	66.90 4.32 0.00	59.83 3.65 0.00	58.06 3.49 0.00
N SALMON___HYD 24042	71.79 3.87 0.00	71.03 3.83 0.00	68.30 3.44 0.00	63.63 3.03 0.00	67.87 3.05 0.00	70.81 3.69 0.00	81.35 2.90 0.00	87.18 0.44 0.00	71.01 1.87 0.00	66.83 1.76 0.00	62.47 1.76 0.00	58.89 1.55 0.00	58.07 1.80 0.00	56.41 1.64 0.00	57.40 1.40 0.00	56.62 1.17 0.00	65.08 1.02 0.00	74.44 0.22 0.00	84.36 -1.46 0.00	77.00 0.08 0.00	71.25 0.56 0.00	63.46 0.88 0.00	57.19 1.01 0.00	55.43 0.87 0.00
N.AKRON__115KV_KNAPP 355671	62.35 -5.57 0.00	61.08 -6.11 0.00	59.29 -5.58 0.00	55.57 -5.03 0.00	59.25 -5.57 0.00	61.81 -5.30 0.00	70.91 -7.53 0.00	77.81 -8.94 0.00	62.09 -7.05 0.00	58.76 -6.31 0.00	54.58 -6.13 0.00	51.61 -5.73 0.00	50.75 -5.51 0.00	49.56 -5.20 0.00	50.51 -5.49 0.00	49.90 -5.55 0.01	56.87 -6.79 0.39	66.24 -7.50 0.47	73.53 -8.41 3.88	60.19 -7.85 8.88	62.54 -7.07 1.08	56.45 -6.13 0.00	51.18 -5.00 0.00	50.52 -4.04 0.00
N.BELMOR_69_KV_BK1 55787	95.85 3.46 -24.46	93.87 3.43 -23.24	88.13 3.31 -19.96	88.11 3.09 -24.42	91.26 3.37 -23.06	108.34 3.69 -37.54	133.06 5.10 -49.52	133.74 6.16 -40.83	107.54 5.05 -33.36	88.14 4.82 -18.25	74.57 4.49 -9.37	61.70 4.36 0.00	60.26 3.99 0.00	58.71 3.94 0.00	74.86 4.26 -14.60	79.82 4.33 -20.04	88.13 5.12 -18.95	129.37 6.23 -48.93	131.96 7.21 -38.93	127.55 6.46 -44.17	110.50 5.73 -34.09	97.11 4.88 -29.64	90.85 4.33 -30.34	79.82 3.93 -21.33
N.E_GEN_SANDY PD 24062	91.51 2.65 -20.94	85.86 2.62 -16.04	83.57 2.53 -16.18	85.53 2.36 -22.56	88.42 2.66 -20.94	98.82 2.82 -28.89	110.42 3.77 -28.21	123.78 4.59 -32.44	107.89 3.66 -35.09	95.21 3.64 -26.50	86.88 3.34 -22.83	82.21 3.27 -21.60	78.97 2.92 -19.78	75.23 2.90 -17.56	77.64 3.02 -18.62	82.51 3.10 -23.95	91.94 3.65 -24.24	104.21 4.38 -25.62	123.30 5.06 -32.42	108.89 4.54 -27.43	96.69 4.10 -21.91	88.69 3.50 -22.60	83.01 3.09 -23.74	81.60 2.89 -24.15
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	69.69 1.77 0.00	68.94 1.75 0.00	66.62 1.75 0.00	62.24 1.64 0.00	66.64 1.82 0.00	69.13 2.01 0.00	81.50 3.06 0.00	91.81 3.82 -1.25	72.32 3.18 0.00	68.19 3.12 0.00	63.56 2.85 0.00	60.21 2.87 0.00	58.86 2.59 0.00	57.34 2.57 0.00	58.74 2.74 0.00	58.34 2.88 0.00	67.45 3.39 0.00	78.98 4.08 -0.69	90.54 4.72 0.00	81.48 4.23 -0.33	74.43 3.75 0.00	65.78 3.19 0.00	58.99 2.81 0.00	57.07 2.51 0.00
N.QUEENS_27_KV_LOAD 356247	69.89 1.97 0.00	69.21 2.02 0.00	66.75 1.88 0.00	62.54 1.94 0.00	66.90 2.07 0.00	69.53 2.42 0.00	82.29 3.84 0.00	92.91 4.86 -1.30	73.28 4.15 0.01	69.16 4.10 0.01	64.46 3.76 0.01	61.06 3.73 0.01	59.69 3.43 0.01	58.15 3.40 0.01	59.58 3.58 0.01	59.22 3.77 0.01	68.40 4.36 0.01	80.26 5.34 -0.70	91.90 6.09 0.01	82.72 5.46 -0.34	75.55 4.88 0.01	66.72 4.13 0.00	59.71 3.54 0.01	57.67 3.11 0.00
N.TROY___115KV_TB1 355778	70.84 2.92 0.00	70.09 2.89 0.00	67.66 2.79 0.00	63.21 2.61 0.00	67.74 2.92 0.00	70.20 3.09 0.00	82.36 3.92 0.00	103.08 4.94 -11.38	73.01 3.87 0.00	69.04 3.97 0.00	64.35 3.64 0.00	60.90 3.56 0.00	59.31 3.04 0.00	57.78 3.01 0.00	59.14 3.14 0.00	58.61 3.16 0.00	67.77 3.72 0.00	81.41 4.60 -2.60	91.14 5.32 0.00	84.84 4.77 -3.15	75.00 4.31 0.00	66.28 3.69 0.00	59.44 3.26 0.00	57.67 3.11 0.00
NARROWS_GT1_1 24228	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
NARROWS_GT1_2 24229	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
NARROWS_GT1_3 24230	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
NARROWS_GT1_4 24231	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72



NARROWS_GT1_5 24232	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
NARROWS_GT1_6 24233	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
NARROWS_GT1_7 24234	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
NARROWS_GT1_8 24235	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
NARROWS_GT2_1 24236	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
NARROWS_GT2_2 24237	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
NARROWS_GT2_3 24238	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
NARROWS_GT2_4 24239	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
NARROWS_GT2_5 24240	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
NARROWS_GT2_6 24241	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
NARROWS_GT2_7 24242	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
NARROWS_GT2_8 24243	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	71.86 3.94 0.00	71.09 3.90 0.00	68.69 3.83 0.00	64.12 3.52 0.00	68.78 3.95 0.00	71.21 4.09 0.00	83.31 4.86 0.00	95.18 3.90 -4.53	72.67 3.53 0.00	68.39 3.32 0.00	63.56 2.85 0.00	60.09 2.75 0.00	58.57 2.31 0.00	57.01 2.25 0.00	58.46 2.46 0.00	57.89 2.44 0.00	67.19 3.14 0.00	79.21 3.64 -1.36	90.62 4.81 0.00	81.53 3.46 -1.15	74.57 3.89 0.00	65.97 3.38 0.00	59.16 2.98 0.00	57.94 3.38 0.00
NCHELSEA_115KV_TR2 355582	70.64 2.72 0.00	69.89 2.69 0.00	67.53 2.66 0.00	63.03 2.42 0.00	67.55 2.72 0.00	70.14 3.02 0.00	82.60 4.16 0.00	93.10 5.03 -1.32	73.15 4.01 0.00	68.84 3.77 0.00	64.11 3.40 0.00	60.72 3.38 0.00	59.25 2.98 0.00	57.72 2.96 0.00	59.14 3.14 0.00	58.78 3.33 0.00	68.09 4.04 0.00	79.90 4.97 -0.72	91.74 5.92 0.00	82.50 5.23 -0.35	75.28 4.59 0.00	66.53 3.94 0.00	59.61 3.43 0.00	57.67 3.11 0.00
NEG CAPITAL___MECHNVIL 23645	71.79 3.87 0.00	71.09 3.90 0.00	68.50 3.63 0.00	64.06 3.45 0.00	68.65 3.82 0.00	71.21 4.09 0.00	83.62 5.18 0.00	106.40 6.94 -12.71	74.33 5.19 0.00	70.34 5.27 0.00	65.50 4.79 0.00	61.98 4.64 0.00	60.32 4.05 0.00	58.71 3.95 0.00	60.14 4.14 0.00	59.67 4.21 0.00	69.06 5.00 0.00	83.36 6.30 -2.84	93.20 7.38 0.00	86.82 6.46 -3.44	76.48 5.80 0.00	67.60 5.01 0.00	60.56 4.38 0.00	58.76 4.20 0.00



NEG CENTRAL_HIGH_ACRES 23767	63.24 -4.69 0.00	62.16 -5.04 0.00	60.19 -4.67 0.00	56.36 -4.24 0.00	60.22 -4.60 0.00	62.55 -4.57 0.00	72.72 -5.72 0.00	80.50 -6.25 0.00	64.02 -5.12 0.00	60.25 -4.81 0.00	56.15 -4.55 0.00	53.04 -4.30 0.00	52.22 -4.05 0.00	50.88 -3.89 0.00	52.03 -3.97 0.00	51.46 -3.99 0.00	58.98 -4.87 0.20	68.42 -5.49 0.30	77.68 -6.09 2.04	66.63 -5.61 4.68	64.89 -5.23 0.56	58.15 -4.44 0.00	52.53 -3.65 0.00	51.18 -3.38 0.00
NEG CENTRAL___DRP 24199	66.29 -1.63 0.00	65.25 -1.95 0.00	63.24 -1.62 0.00	59.15 -1.45 0.00	63.27 -1.56 0.00	65.71 -1.41 0.00	76.80 -1.65 0.00	84.75 -2.00 0.00	67.41 -1.73 0.00	63.44 -1.63 0.00	59.01 -1.70 0.00	55.73 -1.61 0.00	54.80 -1.46 0.00	53.34 -1.42 0.00	54.54 -1.46 0.00	54.06 -1.39 0.01	62.28 -1.47 0.31	72.22 -1.63 0.36	81.11 -1.63 3.07	68.34 -1.54 7.04	68.21 -1.63 0.85	61.21 -1.38 0.00	55.00 -1.18 0.00	53.52 -1.04 0.00
NEG CENTRAL___INDECK 23768	66.49 -1.43 0.00	65.18 -2.01 0.00	63.18 -1.69 0.00	59.15 -1.46 0.00	63.14 -1.69 0.00	65.77 -1.34 0.00	76.33 -2.11 0.00	84.49 -2.26 0.00	66.79 -2.35 0.00	62.53 -2.54 0.00	57.92 -2.79 0.00	54.65 -2.69 0.00	53.74 -2.53 0.00	52.36 -2.41 0.00	53.48 -2.52 0.00	52.95 -2.49 0.01	60.80 -2.56 0.69	70.87 -2.45 0.90	76.51 -2.40 6.90	58.64 -2.46 15.82	66.37 -2.40 1.91	60.58 -2.01 0.00	54.78 -1.40 0.00	53.41 -1.15 0.00
NEG CENTRAL___SENECA 23627	66.23 -1.70 0.00	65.18 -2.02 0.00	63.24 -1.62 0.00	59.15 -1.45 0.00	63.27 -1.56 0.00	65.71 -1.41 0.00	76.72 -1.73 0.00	84.49 -2.26 0.00	67.20 -1.94 0.00	63.31 -1.76 0.00	58.83 -1.88 0.00	55.56 -1.78 0.00	54.64 -1.63 0.00	53.18 -1.59 0.00	54.38 -1.62 0.00	53.83 -1.61 0.01	61.80 -1.67 0.59	71.51 -1.93 0.77	78.00 -1.89 5.93	61.55 -1.77 13.60	67.14 -1.91 1.64	61.02 -1.56 0.00	54.89 -1.29 0.00	53.52 -1.04 0.00
NEG CENTRAL___STATE_STREET 24147	66.77 -1.15 0.00	65.85 -1.34 0.00	63.63 -1.23 0.00	59.51 -1.09 0.00	63.72 -1.10 0.00	66.24 -0.87 0.00	77.50 -0.94 0.00	85.79 -0.95 0.00	68.24 -0.90 0.00	64.09 -0.98 0.00	59.74 -0.97 0.00	56.42 -0.92 0.00	55.42 -0.84 0.00	53.94 -0.82 0.00	55.16 -0.84 0.00	54.68 -0.78 0.00	63.53 -0.70 -0.18	73.91 -0.67 -0.36	87.02 -0.60 -1.80	80.43 -0.62 -4.12	70.47 -0.71 -0.50	61.90 -0.69 0.00	55.56 -0.62 0.00	53.96 -0.60 0.00
NEG MILLWOOD___DRP 24198	70.98 3.06 0.00	70.29 3.09 0.00	67.78 2.92 0.00	63.27 2.67 0.00	67.81 2.98 0.00	70.40 3.29 0.00	82.99 4.55 0.00	93.63 5.55 -1.33	73.77 4.63 0.00	69.23 4.16 0.00	64.59 3.89 0.00	61.12 3.78 0.00	59.70 3.43 0.00	58.16 3.40 0.00	59.53 3.53 0.00	59.11 3.66 0.00	68.60 4.55 0.00	80.50 5.57 -0.72	92.43 6.61 0.00	83.20 5.92 -0.35	75.99 5.30 0.00	67.09 4.51 0.00	60.11 3.93 0.00	58.00 3.44 0.00
NEG NORTH_FLCN_SEA 23793	71.46 3.53 0.00	70.69 3.49 0.00	67.98 3.11 0.00	63.33 2.73 0.00	67.61 2.79 0.00	70.74 3.62 0.00	80.25 1.80 0.00	87.70 0.95 0.00	70.25 1.11 0.00	66.18 1.11 0.00	61.68 0.97 0.00	57.91 0.57 0.00	56.60 0.34 0.00	54.55 -0.22 0.00	55.22 -0.78 0.00	54.12 -1.33 0.00	62.07 -1.99 0.00	70.95 -3.27 0.00	81.61 -4.21 0.00	73.54 -3.38 0.00	67.79 -2.90 0.00	60.08 -2.50 0.00	54.10 -2.08 0.00	53.14 -1.42 0.00
NEG NORTH_KES_CHATEGAY 23792	70.57 2.65 0.00	69.82 2.62 0.00	67.20 2.34 0.00	62.54 1.94 0.00	66.77 1.94 0.00	69.06 1.95 0.00	79.54 1.10 0.00	87.18 0.43 0.00	69.69 0.55 0.00	65.52 0.46 0.00	61.19 0.49 0.00	57.57 0.23 0.00	56.49 0.23 0.00	54.66 -0.11 0.00	55.61 -0.39 0.00	54.73 -0.72 0.00	62.97 -1.09 0.00	72.36 -1.86 0.00	83.33 -2.49 0.00	75.00 -1.92 0.00	69.13 -1.56 0.00	61.34 -1.25 0.00	55.22 -0.96 0.00	53.63 -0.93 0.00
NEG NORTH___ALICE_FALLS 23915	71.80 3.87 0.00	71.03 3.83 0.00	68.30 3.44 0.00	63.63 3.03 0.00	67.87 3.05 0.00	70.94 3.83 0.00	80.72 2.27 0.00	88.22 1.47 0.00	70.66 1.52 0.00	66.50 1.43 0.00	61.98 1.27 0.00	58.26 0.92 0.00	57.00 0.73 0.00	54.98 0.22 0.00	55.72 -0.28 0.00	54.68 -0.78 0.00	62.77 -1.28 0.00	71.84 -2.37 0.00	82.56 -3.26 0.00	74.46 -2.46 0.00	68.70 -1.98 0.00	60.90 -1.69 0.00	54.83 -1.35 0.00	53.58 -0.98 0.00
NEG NORTH___LWR_SARANAC 23913	71.80 3.87 0.00	71.03 3.83 0.00	68.30 3.44 0.00	63.63 3.03 0.00	67.87 3.05 0.00	70.94 3.83 0.00	80.72 2.27 0.00	88.22 1.47 0.00	70.66 1.52 0.00	66.50 1.43 0.00	61.98 1.27 0.00	58.26 0.92 0.00	57.00 0.73 0.00	54.98 0.22 0.00	55.72 -0.28 0.00	54.68 -0.78 0.00	62.77 -1.28 0.00	71.84 -2.37 0.00	82.56 -3.26 0.00	74.46 -2.46 0.00	68.70 -1.98 0.00	60.90 -1.69 0.00	54.83 -1.35 0.00	53.58 -0.98 0.00
NEG NORTH___PLATTSBURG 23628	71.79 3.87 0.00	71.03 3.83 0.00	68.30 3.44 0.00	63.63 3.03 0.00	67.87 3.05 0.00	70.94 3.82 0.00	80.72 2.28 0.00	87.79 1.04 0.00	70.66 1.52 0.00	66.50 1.43 0.00	61.99 1.28 0.00	58.25 0.91 0.00	57.00 0.73 0.00	54.98 0.22 0.00	55.72 -0.28 0.00	54.73 -0.72 0.00	62.78 -1.28 0.00	71.84 -2.38 0.00	82.73 -3.09 0.00	74.46 -2.46 0.00	68.71 -1.98 0.00	60.90 -1.69 0.00	54.83 -1.35 0.00	53.58 -0.98 0.00
NEG WEST_LEA_LOCKPORT 23791	61.00 -6.93 0.00	59.87 -7.32 0.00	58.12 -6.75 0.00	54.42 -6.18 0.00	57.95 -6.87 0.00	60.40 -6.71 0.00	68.95 -9.49 0.00	75.47 -11.28 0.00	60.36 -8.78 0.00	57.20 -7.87 0.00	53.18 -7.53 0.00	50.29 -7.05 0.00	49.52 -6.75 0.00	48.36 -6.41 0.00	49.28 -6.72 0.00	48.63 -6.82 0.01	55.19 -8.46 0.42	64.21 -9.50 0.51	70.89 -10.81 4.12	57.50 -10.00 9.42	60.64 -8.91 1.14	54.89 -7.70 0.00	49.89 -6.29 0.00	49.43 -5.13 0.00
NEG WEST___LANCASTER 23811	64.87 -3.06 0.00	63.70 -3.49 0.00	61.82 -3.05 0.00	57.82 -2.79 0.00	61.58 -3.24 0.00	64.10 -3.02 0.00	73.58 -4.86 0.00	80.59 -6.16 0.00	65.27 -3.87 0.00	61.69 -3.38 0.00	57.31 -3.40 0.00	54.19 -3.15 0.00	53.29 -2.98 0.00	51.97 -2.79 0.00	52.98 -3.02 0.00	52.28 -3.16 0.01	59.62 -3.91 0.52	69.11 -4.45 0.65	75.63 -4.98 5.21	60.24 -4.77 11.91	65.06 -4.17 1.45	58.64 -3.94 0.00	53.20 -2.98 0.00	52.60 -1.96 0.00
NEG_PENN_ALLEGHNY 23528	67.18 -0.75 0.00	66.32 -0.88 0.00	64.15 -0.71 0.00	59.94 -0.67 0.00	64.11 -0.71 0.00	66.51 -0.61 0.00	77.74 -0.71 0.00	86.54 -0.78 -0.57	68.17 -0.97 0.00	64.16 -0.91 0.00	59.74 -0.97 0.00	56.48 -0.86 0.00	55.42 -0.84 0.00	54.00 -0.77 0.00	55.16 -0.84 0.00	54.67 -0.78 0.00	63.12 -0.70 0.23	73.47 -0.67 0.08	82.84 -0.69 2.29	71.14 -0.69 5.08	69.34 -0.71 0.63	61.90 -0.69 0.00	55.67 -0.51 0.00	54.24 -0.33 0.00
NEG___GEN_MONROE 24207	63.51 -4.42 0.00	62.36 -4.84 0.00	60.39 -4.48 0.00	56.60 -4.00 0.00	60.48 -4.34 0.00	62.95 -4.16 0.00	72.48 -5.96 0.00	79.81 -6.94 0.00	63.68 -5.46 0.00	60.06 -5.01 0.00	55.79 -4.92 0.00	52.70 -4.64 0.00	51.82 -4.45 0.00	50.49 -4.27 0.00	51.63 -4.37 0.00	51.01 -4.44 0.01	58.32 -5.44 0.29	67.79 -6.09 0.34	76.24 -6.69 2.89	64.00 -6.31 6.62	64.02 -5.87 0.80	57.64 -4.94 0.00	52.14 -4.04 0.00	51.18 -3.38 0.00



NEPA__ENERGY 23901	63.78 -4.14 0.00	62.63 -4.57 0.00	60.78 -4.09 0.00	56.85 -3.76 0.00	60.55 -4.28 0.00	63.02 -4.09 0.00	72.40 -6.04 0.00	79.46 -7.29 0.00	63.47 -5.67 0.00	59.99 -5.08 0.00	55.73 -4.98 0.00	52.70 -4.64 0.00	51.77 -4.50 0.00	50.49 -4.27 0.00	51.52 -4.48 0.00	50.84 -4.60 0.01	57.83 -5.70 0.52	67.11 -6.46 0.65	73.31 -7.29 5.21	58.23 -6.77 11.92	63.15 -6.08 1.45	57.33 -5.26 0.00	51.97 -4.21 0.00	51.40 -3.16 0.00
NEVERSink__HYD 23608	70.30 2.38 0.00	69.48 2.29 0.00	67.20 2.33 0.00	62.72 2.12 0.00	67.22 2.40 0.00	69.80 2.69 0.00	82.21 3.77 0.00	92.60 4.51 -1.34	72.53 3.39 0.00	68.19 3.12 0.00	63.44 2.73 0.00	59.98 2.64 0.00	58.52 2.25 0.00	57.01 2.25 0.00	58.46 2.46 0.00	58.12 2.66 0.00	67.45 3.39 0.00	79.19 4.30 -0.67	91.05 5.24 0.00	81.90 4.61 -0.36	74.64 3.96 0.00	65.97 3.38 0.00	59.10 2.92 0.00	57.18 2.62 0.00
NEWKRMKL_115KV_TB1 55635	69.96 2.04 0.00	69.28 2.08 0.00	66.88 2.01 0.00	62.48 1.88 0.00	66.90 2.07 0.00	69.33 2.21 0.00	81.19 2.75 0.00	97.68 2.86 -8.06	71.42 2.28 0.00	67.67 2.60 0.00	63.14 2.43 0.00	59.75 2.41 0.00	58.24 1.97 0.00	56.68 1.92 0.00	58.07 2.07 0.00	57.28 1.83 0.00	66.11 2.05 0.00	78.75 2.52 -2.01	88.56 2.75 0.00	81.71 2.62 -2.18	73.16 2.47 0.00	64.65 2.07 0.00	57.98 1.80 0.00	56.63 2.07 0.00
NEWTON__FALLS_HYD 23847	70.44 2.51 0.00	69.68 2.49 0.00	67.07 2.21 0.00	62.66 2.06 0.00	66.77 1.94 0.00	70.87 3.76 0.00	82.21 3.77 0.00	89.87 3.12 0.00	71.49 2.35 0.00	67.02 1.95 0.00	62.71 2.00 0.00	59.35 2.01 0.00	58.97 2.70 0.00	57.89 3.12 0.00	59.08 3.08 0.00	58.50 3.05 0.00	67.51 3.46 0.00	77.26 3.04 0.00	88.91 3.09 0.00	79.77 2.85 0.00	73.65 2.97 0.00	65.90 3.32 0.00	59.38 3.20 0.00	57.51 2.95 0.00
NGRID_A1_DSASP 323792	60.05 -7.88 0.00	59.00 -8.20 0.00	57.41 -7.46 0.00	53.64 -6.97 0.00	57.11 -7.72 0.00	59.26 -7.85 0.00	67.70 -10.74 0.00	74.43 -12.32 0.00	59.32 -9.82 0.00	56.16 -8.91 0.00	52.21 -8.50 0.00	49.43 -7.91 0.00	48.73 -7.54 0.00	47.59 -7.17 0.00	48.50 -7.50 0.00	47.79 -7.65 0.01	54.03 -9.61 0.42	62.71 -10.98 0.52	69.29 -12.36 4.17	56.23 -11.15 9.54	59.13 -10.39 1.16	53.89 -8.70 0.00	49.44 -6.74 0.00	48.67 -5.89 0.00
NGRID_A2_DSASP 323793	60.05 -7.88 0.00	59.00 -8.20 0.00	57.41 -7.46 0.00	53.64 -6.97 0.00	57.11 -7.72 0.00	59.26 -7.85 0.00	67.70 -10.74 0.00	74.43 -12.32 0.00	59.32 -9.82 0.00	56.16 -8.91 0.00	52.21 -8.50 0.00	49.43 -7.91 0.00	48.73 -7.54 0.00	47.59 -7.17 0.00	48.50 -7.50 0.00	47.79 -7.65 0.01	54.03 -9.61 0.42	62.71 -10.98 0.52	69.29 -12.36 4.17	56.23 -11.15 9.54	59.13 -10.39 1.16	53.89 -8.70 0.00	49.44 -6.74 0.00	48.67 -5.89 0.00
NGRID_A4_DSASP 323807	60.05 -7.88 0.00	59.00 -8.20 0.00	57.41 -7.46 0.00	53.64 -6.97 0.00	57.11 -7.72 0.00	59.26 -7.85 0.00	67.70 -10.74 0.00	74.43 -12.32 0.00	59.32 -9.82 0.00	56.16 -8.91 0.00	52.21 -8.50 0.00	49.43 -7.91 0.00	48.73 -7.54 0.00	47.59 -7.17 0.00	48.50 -7.50 0.00	47.79 -7.65 0.01	54.03 -9.61 0.42	62.71 -10.98 0.52	69.29 -12.36 4.17	56.23 -11.15 9.54	59.13 -10.39 1.16	53.89 -8.70 0.00	49.44 -6.74 0.00	48.67 -5.89 0.00
NIAGARA_115E_LBMP 323715	59.98 -7.95 0.00	58.93 -8.27 0.00	57.34 -7.52 0.00	53.58 -7.03 0.00	57.04 -7.78 0.00	59.20 -7.92 0.00	67.70 -10.74 0.00	74.43 -12.32 0.00	59.18 -9.95 0.00	56.03 -9.04 0.00	52.03 -8.68 0.00	49.26 -8.08 0.00	48.56 -7.71 0.00	47.43 -7.34 0.00	48.33 -7.67 0.00	47.68 -7.76 0.01	54.02 -9.61 0.43	63.08 -10.61 0.52	69.55 -12.10 4.17	56.38 -11.00 9.53	59.77 -9.75 1.16	53.89 -8.70 0.00	49.38 -6.80 0.00	48.61 -5.95 0.00
NIAGARA_115W_LBMP 323714	59.91 -8.02 0.00	58.86 -8.33 0.00	57.28 -7.59 0.00	53.58 -7.03 0.00	56.98 -7.85 0.00	59.13 -7.99 0.00	67.54 -10.90 0.00	74.34 -12.41 0.00	59.25 -9.89 0.00	56.09 -8.98 0.00	52.15 -8.56 0.00	49.37 -7.97 0.00	48.67 -7.60 0.00	47.48 -7.28 0.00	48.44 -7.56 0.00	47.74 -7.71 0.01	53.96 -9.67 0.42	62.64 -11.06 0.52	69.12 -12.53 4.17	56.15 -11.23 9.53	59.06 -10.46 1.16	53.76 -8.82 0.00	49.32 -6.86 0.00	48.56 -6.00 0.00
NIAGARA_230_LBMP 323716	60.66 -7.27 0.00	59.60 -7.59 0.00	57.99 -6.88 0.00	54.18 -6.43 0.00	57.69 -7.13 0.00	59.87 -7.25 0.00	68.40 -10.04 0.00	75.30 -11.45 0.00	60.01 -9.13 0.00	56.80 -8.27 0.00	52.82 -7.89 0.00	50.00 -7.34 0.00	49.29 -6.98 0.00	48.08 -6.68 0.00	49.05 -6.95 0.00	48.35 -7.10 0.01	54.74 -8.90 0.41	63.55 -10.16 0.50	70.00 -11.67 4.15	56.79 -10.62 9.51	60.00 -9.54 1.14	54.51 -8.07 0.00	50.00 -6.18 0.00	49.16 -5.40 0.00
NIAGARA__115KV_198_GIBSON 55903	59.91 -8.01 0.00	58.86 -8.33 0.00	57.15 -7.72 0.00	53.57 -7.03 0.00	56.98 -7.84 0.00	59.40 -7.72 0.00	67.54 -10.90 0.00	73.91 -12.84 0.00	59.11 -10.03 0.00	56.09 -8.98 0.00	52.21 -8.50 0.00	49.37 -7.97 0.00	48.67 -7.60 0.00	47.48 -7.28 0.00	48.44 -7.56 0.00	47.74 -7.71 0.01	53.97 -9.67 0.42	62.79 -10.91 0.52	69.20 -12.44 4.17	56.06 -11.31 9.55	59.41 -10.11 1.16	53.76 -8.82 0.00	48.93 -7.25 0.00	48.56 -6.00 0.00
NIAGARA____ 23760	60.66 -7.27 0.00	59.60 -7.59 0.00	57.99 -6.88 0.00	54.18 -6.43 0.00	57.69 -7.13 0.00	59.87 -7.25 0.00	68.40 -10.04 0.00	75.30 -11.45 0.00	60.01 -9.13 0.00	56.80 -8.27 0.00	52.82 -7.89 0.00	50.00 -7.34 0.00	49.29 -6.98 0.00	48.08 -6.68 0.00	49.05 -6.95 0.00	48.35 -7.10 0.01	54.74 -8.90 0.42	63.54 -10.16 0.51	69.99 -11.67 4.15	56.78 -10.62 9.52	59.99 -9.54 1.15	54.51 -8.07 0.00	50.00 -6.18 0.00	49.16 -5.40 0.00
NINE_MILE_1 23575	64.94 -2.99 0.00	64.17 -3.02 0.00	62.01 -2.85 0.00	57.94 -2.67 0.00	61.97 -2.85 0.00	64.23 -2.88 0.00	75.07 -3.37 0.00	83.11 -3.64 0.00	66.17 -2.97 0.00	62.27 -2.80 0.00	58.04 -2.67 0.00	54.88 -2.46 0.00	53.91 -2.36 0.00	52.47 -2.30 0.00	53.65 -2.35 0.00	53.13 -2.33 0.00	61.37 -2.69 0.00	71.10 -3.11 0.00	82.30 -3.52 0.00	73.76 -3.16 0.00	67.72 -2.97 0.00	60.02 -2.57 0.00	53.93 -2.25 0.00	52.38 -2.18 0.00
NINE_MILE_2 23744	64.94 -2.99 0.00	64.17 -3.02 0.00	62.01 -2.85 0.00	57.94 -2.67 0.00	61.97 -2.85 0.00	64.23 -2.88 0.00	75.07 -3.37 0.00	83.11 -3.64 0.00	66.17 -2.97 0.00	62.27 -2.80 0.00	58.04 -2.67 0.00	54.88 -2.46 0.00	53.91 -2.36 0.00	52.47 -2.30 0.00	53.65 -2.35 0.00	53.13 -2.33 0.00	61.37 -2.69 0.00	71.17 -3.05 0.00	82.30 -3.52 0.00	73.76 -3.16 0.00	67.72 -2.97 0.00	60.02 -2.57 0.00	53.93 -2.25 0.00	52.38 -2.18 0.00
NM_CAPITAL__DRP 24208	70.03 2.11 0.00	69.35 2.15 0.00	66.94 2.08 0.00	62.54 1.94 0.00	66.96 2.14 0.00	69.40 2.28 0.00	81.27 2.82 0.00	98.07 3.12 -8.20	71.70 2.56 0.00	67.87 2.80 0.00	63.32 2.61 0.00	59.92 2.58 0.00	58.41 2.14 0.00	56.90 2.14 0.00	58.24 2.24 0.00	57.51 2.05 0.00	66.36 2.31 0.00	79.07 2.82 -2.03	88.99 3.18 0.00	82.07 2.92 -2.23	73.44 2.76 0.00	64.90 2.32 0.00	58.20 2.02 0.00	56.80 2.24 0.00



NM_CENTRAL___DRP 24181	66.09 -1.83 0.00	65.25 -1.95 0.00	63.05 -1.82 0.00	58.91 -1.70 0.00	63.07 -1.75 0.00	65.51 -1.61 0.00	76.56 -1.88 0.00	84.75 -2.00 0.00	67.48 -1.66 0.00	63.44 -1.63 0.00	59.13 -1.58 0.00	55.91 -1.43 0.00	55.03 -1.24 0.00	53.61 -1.15 0.00	54.82 -1.18 0.00	54.29 -1.16 0.00	62.77 -1.28 0.00	72.73 -1.48 0.00	84.19 -1.63 0.00	75.30 -1.62 0.00	69.13 -1.56 0.00	61.34 -1.25 0.00	55.06 -1.12 0.00	53.47 -1.09 0.00
NM_FRONTIER___DRP 24179	59.91 -8.01 0.00	58.86 -8.33 0.00	57.15 -7.72 0.00	53.57 -7.03 0.00	56.98 -7.84 0.00	59.40 -7.72 0.00	67.54 -10.90 0.00	73.91 -12.84 0.00	59.11 -10.03 0.00	56.09 -8.98 0.00	52.21 -8.50 0.00	49.37 -7.97 0.00	48.67 -7.60 0.00	47.48 -7.28 0.00	48.44 -7.56 0.00	47.74 -7.71 0.01	53.97 -9.67 0.42	62.79 -10.91 0.52	69.20 -12.44 4.17	56.06 -11.31 9.55	59.41 -10.11 1.16	53.76 -8.82 0.00	48.93 -7.25 0.00	48.56 -6.00 0.00
NM_ST_REGIS___HYD 24053	71.05 3.12 0.00	70.36 3.16 0.00	67.72 2.85 0.00	63.15 2.55 0.00	67.22 2.40 0.00	71.48 4.36 0.00	82.13 3.69 0.00	89.35 2.60 0.00	71.28 2.14 0.00	66.96 1.89 0.00	62.83 2.12 0.00	59.46 2.12 0.00	59.25 2.98 0.00	58.05 3.29 0.00	59.08 3.08 0.00	58.34 2.88 0.00	67.00 2.95 0.00	76.22 2.00 0.00	87.36 1.54 0.00	78.54 1.62 0.00	72.95 2.26 0.00	65.47 2.88 0.00	59.21 3.03 0.00	57.40 2.84 0.00
NORTHPORT___1 23551	95.98 3.60 -24.46	94.00 3.56 -23.24	88.26 3.44 -19.96	88.23 3.21 -24.42	91.45 3.56 -23.06	108.61 3.96 -37.54	132.99 5.02 -49.52	133.74 6.16 -40.83	107.82 5.32 -33.36	88.33 5.01 -18.25	74.64 4.56 -9.37	61.70 4.36 0.00	60.20 3.94 0.00	58.65 3.89 0.00	74.80 4.20 -14.60	79.88 4.38 -20.04	88.13 5.13 -18.95	129.08 5.94 -48.93	131.36 6.61 -38.93	127.02 5.92 -44.18	110.22 5.44 -34.09	97.11 4.89 -29.64	90.62 4.10 -30.34	79.71 3.82 -21.33
NORTHPORT___2 23552	95.98 3.60 -24.46	94.00 3.56 -23.24	88.26 3.44 -19.96	88.23 3.21 -24.42	91.45 3.56 -23.06	108.61 3.96 -37.54	132.99 5.02 -49.52	133.74 6.16 -40.83	107.82 5.32 -33.36	88.33 5.01 -18.25	74.64 4.56 -9.37	61.70 4.36 0.00	60.20 3.94 0.00	58.65 3.89 0.00	74.80 4.20 -14.60	79.88 4.38 -20.04	88.13 5.13 -18.95	129.08 5.94 -48.93	131.36 6.61 -38.93	127.02 5.92 -44.18	110.22 5.44 -34.09	97.11 4.89 -29.64	90.62 4.10 -30.34	79.71 3.82 -21.33
NORTHPORT___3 23553	96.39 4.01 -24.46	94.40 3.96 -23.24	88.65 3.83 -19.96	88.60 3.57 -24.42	91.84 3.95 -23.06	109.01 4.36 -37.54	133.69 5.72 -49.52	134.52 6.94 -40.83	108.17 5.67 -33.36	88.72 5.40 -18.25	75.00 4.92 -9.37	62.10 4.76 0.00	60.60 4.33 0.00	59.04 4.27 0.00	75.19 4.59 -14.60	80.21 4.71 -20.04	88.57 5.57 -18.95	129.89 6.75 -48.93	132.64 7.89 -38.93	128.02 6.93 -44.18	111.00 6.22 -34.09	97.61 5.38 -29.64	91.13 4.61 -30.34	80.20 4.31 -21.33
NORTHPORT___4 23650	96.39 4.01 -24.46	94.40 3.96 -23.24	88.65 3.83 -19.96	88.60 3.57 -24.42	91.84 3.95 -23.06	109.01 4.36 -37.54	133.69 5.72 -49.52	134.52 6.94 -40.83	108.17 5.67 -33.36	88.72 5.40 -18.25	75.00 4.92 -9.37	62.10 4.76 0.00	60.60 4.33 0.00	59.04 4.27 0.00	75.19 4.59 -14.60	80.21 4.71 -20.04	88.57 5.57 -18.95	129.89 6.75 -48.93	132.64 7.89 -38.93	128.02 6.93 -44.18	111.00 6.22 -34.09	97.61 5.38 -29.64	91.13 4.61 -30.34	80.20 4.31 -21.33
NORTHPORT___IC 23718	95.99 3.60 -24.46	94.00 3.56 -23.24	88.26 3.44 -19.96	88.23 3.21 -24.42	91.45 3.57 -23.06	108.55 3.89 -37.54	132.98 5.02 -49.52	133.65 6.07 -40.83	107.82 5.32 -33.36	88.33 5.01 -18.25	74.57 4.49 -9.37	61.70 4.36 0.00	60.21 3.94 0.00	58.65 3.89 0.00	74.80 4.20 -14.60	79.93 4.44 -20.04	88.13 5.12 -18.95	129.08 5.94 -48.93	131.36 6.61 -38.93	127.09 6.00 -44.17	110.22 5.44 -34.09	97.11 4.88 -29.64	90.74 4.21 -30.34	79.71 3.82 -21.33
NORTH___COUNTRY_ESR 323785	70.30 2.38 0.00	69.55 2.35 0.00	66.94 2.08 0.00	62.36 1.76 0.00	66.51 1.68 0.00	68.79 1.68 0.00	79.23 0.78 0.00	86.49 -0.26 0.00	69.49 0.35 0.00	65.40 0.33 0.00	61.08 0.37 0.00	57.45 0.11 0.00	56.38 0.11 0.00	54.55 -0.22 0.00	55.50 -0.51 0.00	54.68 -0.78 0.00	62.84 -1.22 0.00	72.14 -2.08 0.00	82.90 -2.92 0.00	74.77 -2.15 0.00	68.92 -1.76 0.00	61.15 -1.44 0.00	55.00 -1.18 0.00	53.47 -1.09 0.00
NPX_GEN_1385_PROXY 323591	97.07 4.68 -24.46	95.01 4.57 -23.24	89.24 4.41 -19.96	89.20 4.18 -24.42	92.49 4.60 -23.06	109.35 4.70 -37.54	133.30 5.34 -49.52	134.52 6.94 -40.83	109.20 6.70 -33.36	93.45 6.44 -21.94	80.14 5.89 -13.54	75.44 5.62 -12.48	74.32 5.17 -12.88	72.48 5.09 -12.62	76.03 5.43 -14.60	81.10 5.60 -20.04	95.37 6.54 -24.78	129.59 6.45 -48.93	131.19 6.44 -38.93	126.71 5.61 -44.18	110.36 5.58 -34.09	98.17 5.95 -29.64	91.41 4.89 -30.34	80.47 4.58 -21.33
NPX_GEN_CSC 323557	97.21 4.82 -24.46	95.34 4.90 -23.24	89.56 4.73 -19.96	89.44 4.42 -24.42	92.75 4.86 -23.06	110.02 5.37 -37.54	134.94 6.98 -49.52	135.82 8.25 -40.83	108.99 6.50 -33.36	89.24 5.92 -18.25	75.24 5.16 -9.37	62.21 4.87 0.00	60.66 4.39 0.00	58.98 4.22 0.00	75.24 4.65 -14.60	80.38 4.88 -20.04	88.77 5.77 -18.95	130.42 7.28 -48.93	133.07 8.32 -38.93	128.41 7.31 -44.18	111.35 6.57 -34.09	97.79 5.57 -29.64	91.30 4.77 -30.34	80.31 4.42 -21.33
NSINS_S___GLNS_FALLS 23858	72.88 4.96 0.00	72.17 4.97 0.00	69.60 4.74 0.00	65.03 4.42 0.00	69.69 4.86 0.00	72.42 5.30 0.00	85.11 6.67 0.00	109.53 9.72 -13.07	76.81 7.67 0.00	72.68 7.61 0.00	67.45 6.74 0.00	63.82 6.48 0.00	62.06 5.80 0.00	60.41 5.64 0.00	61.82 5.82 0.00	61.50 6.04 0.00	71.04 6.98 0.00	86.12 8.98 -2.93	96.46 10.64 0.00	89.85 9.23 -3.70	78.95 8.27 0.00	69.91 7.32 0.00	62.47 6.29 0.00	60.62 6.06 0.00
NUCOR_STEEL___DRP 24197	66.77 -1.15 0.00	65.92 -1.28 0.00	63.70 -1.17 0.00	59.57 -1.03 0.00	63.79 -1.04 0.00	66.24 -0.87 0.00	77.42 -1.02 0.00	85.71 -1.04 0.00	68.10 -1.04 0.00	64.03 -1.04 0.00	59.68 -1.03 0.00	56.37 -0.97 0.00	55.37 -0.90 0.00	53.94 -0.82 0.00	55.16 -0.84 0.00	54.68 -0.78 0.00	63.49 -0.77 -0.21	73.87 -0.74 -0.40	87.19 -0.69 -2.06	80.87 -0.77 -4.72	70.41 -0.85 -0.57	61.84 -0.75 0.00	55.51 -0.67 0.00	53.96 -0.60 0.00
NUMBER_THREE_WT_PWR 323818	70.50 2.58 0.00	69.69 2.49 0.00	67.14 2.27 0.00	62.78 2.18 0.00	67.03 2.21 0.00	70.40 3.29 0.00	82.29 3.84 0.00	89.27 2.52 0.00	72.04 2.90 0.00	67.35 2.28 0.00	62.83 2.12 0.00	59.29 1.95 0.00	58.63 2.36 0.00	57.50 2.74 0.00	58.69 2.69 0.00	58.23 2.77 0.00	67.51 3.46 0.00	77.85 3.64 0.00	88.90 3.08 0.00	80.69 3.77 0.00	74.15 3.46 0.00	65.84 3.25 0.00	59.04 2.86 0.00	57.18 2.62 0.00
NYISO_LBMP_REFERENCE 24008	67.92 0.00 0.00	67.20 0.00 0.00	64.87 0.00 0.00	60.60 0.00 0.00	64.82 0.00 0.00	67.12 0.00 0.00	78.44 0.00 0.00	86.75 0.00 0.00	69.14 0.00 0.00	65.07 0.00 0.00	60.71 0.00 0.00	57.34 0.00 0.00	56.27 0.00 0.00	54.76 0.00 0.00	56.00 0.00 0.00	55.45 0.00 0.00	64.06 0.00 0.00	74.22 0.00 0.00	85.82 0.00 0.00	76.92 0.00 0.00	70.68 0.00 0.00	62.59 0.00 0.00	56.18 0.00 0.00	54.56 0.00 0.00



NYPA_BRENTWD____GT 24164	96.74 4.35 -24.46	94.80 4.37 -23.24	88.98 4.16 -19.96	88.90 3.88 -24.42	92.16 4.28 -23.06	109.42 4.77 -37.54	134.16 6.20 -49.52	134.95 7.37 -40.83	108.58 6.09 -33.36	88.98 5.66 -18.25	75.18 5.10 -9.37	62.21 4.87 0.00	60.71 4.44 0.00	59.15 4.38 0.00	75.36 4.76 -14.60	80.43 4.93 -20.04	88.83 5.83 -18.95	130.11 6.97 -48.93	132.82 8.06 -38.93	128.25 7.15 -44.18	111.21 6.43 -34.09	97.86 5.64 -29.64	91.30 4.77 -30.34	80.31 4.42 -21.33
NYPA_GOWANUS____GT5 24156	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
NYPA_GOWANUS____GT6 24157	70.64 2.72 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.46 2.66 -3.19	67.73 2.85 -0.06	70.35 3.22 -0.01	83.20 4.71 -0.06	93.92 5.81 -1.36	186.74 4.84 -112.76	105.67 4.69 -35.92	69.47 4.31 -4.45	70.99 4.24 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.12 4.21 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.11 6.16 -117.03	192.88 5.52 -116.68	87.94 4.70 -20.66	69.95 3.99 -9.78	68.94 3.66 -10.72
NYPA_HARLEM__RVR__GT1 24160	69.81 1.90 0.01	69.14 1.95 0.01	66.67 1.81 0.01	62.48 1.88 0.01	66.83 2.01 0.01	69.52 2.41 0.01	82.20 3.77 0.01	92.81 4.77 -1.29	73.14 4.01 0.01	69.03 3.97 0.01	64.34 3.64 0.01	60.95 3.61 0.01	59.58 3.32 0.01	58.04 3.29 0.01	59.47 3.47 0.01	59.05 3.60 0.01	68.34 4.29 0.01	80.11 5.19 -0.70	91.81 6.01 0.01	82.50 5.23 -0.34	75.41 4.74 0.01	66.59 4.01 0.01	59.54 3.37 0.01	57.55 3.00 0.01
NYPA_HARLEM__RVR__GT2 24161	69.81 1.90 0.01	69.14 1.95 0.01	66.67 1.81 0.01	62.48 1.88 0.01	66.83 2.01 0.01	69.52 2.41 0.01	82.20 3.77 0.01	92.81 4.77 -1.29	73.14 4.01 0.01	69.03 3.97 0.01	64.34 3.64 0.01	60.95 3.61 0.01	59.58 3.32 0.01	58.04 3.29 0.01	59.47 3.47 0.01	59.05 3.60 0.01	68.34 4.29 0.01	80.11 5.19 -0.70	91.81 6.01 0.01	82.50 5.23 -0.34	75.41 4.74 0.01	66.59 4.01 0.01	59.54 3.37 0.01	57.55 3.00 0.01
NYPA_KENT____GT 24152	70.50 2.58 0.00	69.82 2.62 0.00	67.36 2.46 -0.03	64.92 2.49 -1.83	67.52 2.66 -0.03	70.14 3.02 0.00	82.94 4.47 -0.03	93.64 5.56 -1.33	146.28 4.63 -72.51	92.65 4.49 -23.09	67.69 4.13 -2.85	67.45 4.07 -6.04	71.28 3.77 -11.24	66.61 3.73 -8.12	67.02 3.92 -7.10	66.86 4.05 -7.36	116.43 4.74 -47.64	158.81 5.79 -78.81	167.54 6.70 -75.03	158.14 5.84 -75.38	150.94 5.23 -75.03	78.86 4.44 -11.83	65.72 3.76 -5.78	64.19 3.49 -6.14
NYPA_POUCH1____GT 24155	70.37 2.44 0.00	69.75 2.55 0.00	67.32 2.40 -0.06	66.34 2.54 -3.19	67.48 2.60 -0.06	70.07 2.95 -0.01	82.89 4.39 -0.06	93.48 5.38 -1.36	186.39 4.49 -112.76	69.79 4.36 -0.36	68.69 4.01 -3.97	69.63 3.90 -8.39	69.60 3.60 -9.73	69.59 3.56 -11.27	69.61 3.75 -9.86	69.60 3.94 -10.21	142.82 4.67 -74.09	202.02 5.64 -122.17	209.11 6.61 -116.68	199.72 5.77 -117.03	192.52 5.16 -116.68	87.63 4.38 -20.66	69.72 3.76 -9.78	68.72 3.44 -10.72
NYPA_VERNON____GT2 24162	70.37 2.44 0.00	69.61 2.42 0.00	67.21 2.33 -0.01	63.37 2.30 -0.46	67.30 2.46 -0.01	69.94 2.82 0.00	82.68 4.23 -0.01	93.44 5.38 -1.31	105.82 4.43 -32.25	79.63 4.29 -10.27	65.92 3.94 -1.26	63.92 3.90 -2.68	64.87 3.60 -4.99	61.93 3.56 -3.61	62.91 3.75 -3.15	62.60 3.88 -3.27	89.86 4.61 -21.19	115.23 5.57 -35.45	125.63 6.44 -33.37	116.25 5.61 -33.72	109.07 5.02 -33.37	69.84 4.26 -3.00	61.61 3.65 -1.78	59.44 3.33 -1.55
NYPA_VERNON____GT3 24163	70.37 2.44 0.00	69.61 2.42 0.00	67.21 2.33 -0.01	63.37 2.30 -0.46	67.30 2.46 -0.01	69.94 2.82 0.00	82.68 4.23 -0.01	93.44 5.38 -1.31	105.82 4.43 -32.25	79.63 4.29 -10.27	65.92 3.94 -1.26	63.92 3.90 -2.68	64.87 3.60 -4.99	61.93 3.56 -3.61	62.91 3.75 -3.15	62.60 3.88 -3.27	89.86 4.61 -21.19	115.23 5.57 -35.45	125.63 6.44 -33.37	116.25 5.61 -33.72	109.07 5.02 -33.37	69.84 4.26 -3.00	61.61 3.65 -1.78	59.44 3.33 -1.55
NYPA__ASTORIA_CC1 323568	70.23 2.31 0.00	69.55 2.35 0.00	67.07 2.21 0.00	62.85 2.24 0.00	67.22 2.40 0.00	69.87 2.75 0.00	82.60 4.15 0.00	93.34 5.29 -1.30	89.51 4.36 -16.01	74.39 4.23 -5.09	65.22 3.89 -0.62	62.51 3.84 -1.33	62.29 3.55 -2.48	60.06 3.51 -1.79	61.26 3.70 -1.56	60.90 3.82 -1.62	79.12 4.55 -10.52	97.66 5.49 -17.95	108.73 6.35 -16.57	99.38 5.54 -16.92	92.20 4.95 -16.57	66.78 4.19 0.00	60.14 3.60 -0.36	57.83 3.27 0.00
NYPA__ASTORIA_CC2 323569	70.23 2.31 0.00	69.55 2.35 0.00	67.07 2.21 0.00	62.85 2.24 0.00	67.22 2.40 0.00	69.87 2.75 0.00	82.60 4.15 0.00	93.34 5.29 -1.30	89.51 4.36 -16.01	74.39 4.23 -5.09	65.22 3.89 -0.62	62.51 3.84 -1.33	62.29 3.55 -2.48	60.06 3.51 -1.79	61.26 3.70 -1.56	60.90 3.82 -1.62	79.12 4.55 -10.52	97.66 5.49 -17.95	108.73 6.35 -16.57	99.38 5.54 -16.92	92.20 4.95 -16.57	66.78 4.19 0.00	60.14 3.60 -0.36	57.83 3.27 0.00
NYPA__HOLTSVILL 23794	96.53 4.14 -24.46	94.61 4.17 -23.24	88.85 4.02 -19.96	88.78 3.76 -24.42	91.97 4.09 -23.06	109.22 4.57 -37.54	133.92 5.96 -49.52	134.77 7.20 -40.83	108.30 5.81 -33.36	88.66 5.34 -18.25	74.82 4.74 -9.37	61.87 4.53 0.00	60.37 4.11 0.00	58.76 4.00 0.00	74.97 4.37 -14.60	80.10 4.60 -20.04	88.32 5.31 -18.95	129.59 6.45 -48.93	132.21 7.46 -38.93	127.63 6.53 -44.18	110.64 5.86 -34.09	97.29 5.07 -29.64	90.85 4.33 -30.34	79.93 4.04 -21.33
NYPA__HELLGATE_GT1 24158	69.81 1.90 0.01	69.14 1.95 0.01	66.67 1.81 0.01	62.48 1.88 0.01	66.83 2.01 0.01	69.52 2.41 0.01	82.20 3.77 0.01	92.81 4.77 -1.29	73.14 4.01 0.01	69.03 3.97 0.01	64.34 3.64 0.01	60.95 3.61 0.01	59.58 3.32 0.01	58.04 3.29 0.01	59.47 3.47 0.01	59.05 3.60 0.01	68.34 4.29 0.01	80.11 5.19 -0.70	91.81 6.01 0.01	82.50 5.23 -0.34	75.41 4.74 0.01	66.59 4.01 0.01	59.54 3.37 0.01	57.55 3.00 0.01
NYPA__HELLGATE_GT2 24159	69.81 1.90 0.01	69.14 1.95 0.01	66.67 1.81 0.01	62.48 1.88 0.01	66.83 2.01 0.01	69.52 2.41 0.01	82.20 3.77 0.01	92.81 4.77 -1.29	73.14 4.01 0.01	69.03 3.97 0.01	64.34 3.64 0.01	60.95 3.61 0.01	59.58 3.32 0.01	58.04 3.29 0.01	59.47 3.47 0.01	59.05 3.60 0.01	68.34 4.29 0.01	80.11 5.19 -0.70	91.81 6.01 0.01	82.50 5.23 -0.34	75.41 4.74 0.01	66.59 4.01 0.01	59.54 3.37 0.01	57.55 3.00 0.01
NYS_BARGE__HYD 23848	61.07 -6.86 0.00	59.87 -7.32 0.00	58.32 -6.55 0.00	54.49 -6.12 0.00	58.02 -6.81 0.00	60.27 -6.85 0.00	69.03 -9.42 0.00	76.08 -10.67 0.00	60.56 -8.58 0.00	57.26 -7.81 0.00	53.18 -7.53 0.00	50.34 -7.00 0.00	49.57 -6.70 0.00	48.41 -6.35 0.00	49.34 -6.67 0.00	48.62 -6.82 0.01	55.26 -8.39 0.41	64.37 -9.35 0.50	71.13 -10.64 4.04	57.89 -9.77 9.26	60.86 -8.70 1.12	54.95 -7.64 0.00	50.28 -5.90 0.00	49.43 -5.13 0.00



OAK ORCHARD___HYD 24046	63.65 -4.28 0.00	62.56 -4.64 0.00	60.65 -4.22 0.00	56.79 -3.82 0.00	60.61 -4.21 0.00	62.95 -4.16 0.00	72.79 -5.65 0.00	80.50 -6.25 0.00	64.16 -4.98 0.00	60.45 -4.62 0.00	56.28 -4.43 0.00	53.21 -4.13 0.00	52.33 -3.94 0.00	51.04 -3.73 0.00	52.14 -3.86 0.00	51.57 -3.88 0.01	58.90 -4.87 0.28	68.30 -5.49 0.42	76.90 -6.09 2.83	64.74 -5.69 6.49	64.67 -5.23 0.78	58.20 -4.38 0.00	52.75 -3.43 0.00	51.51 -3.05 0.00
OAKDALE___35_KV_LOAD 356122	67.04 -0.88 0.00	66.19 -1.01 0.00	64.02 -0.84 0.00	59.82 -0.79 0.00	63.98 -0.84 0.00	66.38 -0.74 0.00	77.50 -0.94 0.00	86.13 -1.21 -0.60	67.96 -1.18 0.00	64.03 -1.04 0.00	59.62 -1.09 0.00	56.37 -0.97 0.00	55.25 -1.01 0.00	53.83 -0.93 0.00	55.05 -0.95 0.00	54.51 -0.94 0.01	62.87 -0.90 0.29	73.16 -0.89 0.16	81.97 -0.94 2.90	69.51 -0.92 6.49	68.96 -0.92 0.80	61.77 -0.81 0.00	55.51 -0.67 0.00	54.07 -0.49 0.00
OCC_CHEM___DRP 24175	60.04 -7.88 0.00	59.00 -8.20 0.00	57.28 -7.59 0.00	53.63 -6.97 0.00	57.11 -7.71 0.00	59.46 -7.65 0.00	67.70 -10.75 0.00	74.00 -12.75 0.00	59.25 -9.89 0.00	56.22 -8.85 0.00	52.27 -8.44 0.00	49.48 -7.86 0.00	48.73 -7.54 0.00	47.59 -7.17 0.00	48.50 -7.50 0.00	47.79 -7.65 0.01	54.09 -9.54 0.42	62.86 -10.84 0.52	69.28 -12.36 4.18	56.14 -11.23 9.55	59.48 -10.04 1.16	53.89 -8.70 0.00	49.05 -7.13 0.00	48.67 -5.89 0.00
OH_GEN_PROXY 24063	60.79 -7.13 0.00	59.74 -7.46 0.00	58.06 -6.81 0.00	54.30 -6.30 0.00	57.76 -7.06 0.00	60.00 -7.12 0.00	68.63 -9.81 0.00	75.56 -11.19 0.00	60.29 -8.85 0.00	57.00 -8.07 0.00	53.00 -7.71 0.00	50.17 -7.17 0.00	49.46 -6.81 0.00	48.25 -6.52 0.00	49.22 -6.78 0.00	48.51 -6.93 0.01	55.00 -8.65 0.41	63.78 -9.94 0.50	70.37 -11.33 4.12	57.18 -10.31 9.44	60.22 -9.33 1.13	54.70 -7.89 0.00	50.11 -6.07 0.00	49.27 -5.29 0.00
OLIN_CORP_DRP 24177	60.18 -7.74 0.00	59.07 -8.13 0.00	57.34 -7.52 0.00	53.70 -6.91 0.00	57.18 -7.65 0.00	59.60 -7.52 0.00	67.85 -10.59 0.00	74.26 -12.49 0.00	59.25 -9.89 0.00	56.15 -8.91 0.00	52.27 -8.84 0.00	49.43 -7.91 0.00	48.67 -7.60 0.00	47.54 -7.23 0.00	48.44 -7.56 0.00	47.79 -7.65 0.01	54.21 -9.42 0.43	63.15 -10.54 0.53	69.67 -11.93 4.22	56.34 -10.92 9.66	59.68 -9.83 1.18	54.01 -8.57 0.00	49.16 -7.02 0.00	48.72 -5.84 0.00
OLIN_CORP_DSASP 323712	60.05 -7.88 0.00	59.00 -8.20 0.00	57.41 -7.46 0.00	53.64 -6.97 0.00	57.11 -7.72 0.00	59.26 -7.85 0.00	67.70 -10.74 0.00	74.43 -12.32 0.00	59.32 -9.82 0.00	56.16 -8.91 0.00	52.21 -8.50 0.00	49.43 -7.91 0.00	48.73 -7.54 0.00	47.59 -7.17 0.00	48.50 -7.50 0.00	47.79 -7.65 0.01	54.03 -9.61 0.42	62.71 -10.98 0.52	69.29 -12.36 4.17	56.23 -11.15 9.54	59.13 -10.39 1.16	53.89 -8.70 0.00	49.44 -6.74 0.00	48.67 -5.89 0.00
ONEIDA_HERK_LFGE 323681	69.96 2.04 0.00	69.15 1.95 0.00	66.68 1.81 0.00	62.36 1.76 0.00	66.71 1.88 0.00	69.60 2.48 0.00	81.42 2.98 0.00	89.35 2.60 0.00	71.56 2.42 0.00	66.89 1.82 0.00	62.41 1.70 0.00	58.83 1.49 0.00	58.18 1.91 0.00	56.90 2.13 0.00	58.13 2.13 0.00	57.61 2.16 0.00	66.75 2.69 0.00	77.19 2.97 0.00	88.90 3.08 0.00	80.07 3.15 0.00	73.51 2.83 0.00	65.09 2.51 0.00	58.31 2.13 0.00	56.58 2.02 0.00
ONEIDA___115KV_TB4 55905	69.42 1.49 0.00	68.68 1.48 0.00	66.29 1.43 0.00	62.00 1.39 0.00	66.32 1.49 0.00	69.06 1.95 0.00	80.87 2.43 0.00	89.35 2.60 0.00	71.14 2.01 0.00	66.57 1.50 0.00	62.04 1.34 0.00	58.54 1.20 0.00	57.73 1.46 0.00	56.30 1.53 0.00	57.57 1.57 0.00	57.12 1.66 0.00	66.11 2.05 0.00	76.59 2.37 0.00	88.74 2.92 0.00	79.38 2.46 0.00	72.88 2.19 0.00	64.47 1.88 0.00	57.75 1.57 0.00	56.03 1.47 0.00
ONONDAGA_REF_OCCRA 23987	66.50 -1.43 0.00	65.65 -1.55 0.00	63.44 -1.43 0.00	59.33 -1.27 0.00	63.46 -1.36 0.00	65.91 -1.21 0.00	77.11 -1.33 0.00	85.27 -1.47 0.00	67.89 -1.24 0.00	63.83 -1.24 0.00	59.49 -1.21 0.00	56.25 -1.09 0.00	55.31 -0.96 0.00	53.83 -0.93 0.00	55.10 -0.90 0.00	54.57 -0.89 0.00	63.30 -0.90 -0.15	73.39 -1.04 -0.22	86.25 -1.03 -1.46	79.19 -1.08 -3.35	70.03 -1.06 -0.40	61.71 -0.88 0.00	55.34 -0.84 0.00	53.80 -0.76 0.00
ONONDAGA___COGEN 23986	66.70 -1.22 0.00	65.85 -1.34 0.00	63.63 -1.23 0.00	59.51 -1.09 0.00	63.66 -1.17 0.00	66.11 -1.01 0.00	77.34 -1.10 0.00	85.62 -1.13 0.00	68.10 -1.04 0.00	64.03 -1.04 0.00	59.68 -1.03 0.00	56.42 -0.92 0.00	55.48 -0.79 0.00	54.00 -0.77 0.00	55.27 -0.73 0.00	54.73 -0.72 0.00	63.35 -0.70 0.00	73.40 -0.82 0.00	85.05 -0.77 0.00	76.07 -0.85 0.00	69.84 -0.85 0.00	61.90 -0.69 0.00	55.51 -0.67 0.00	53.96 -0.60 0.00
ONTARIO___LFGE 23819	66.23 -1.70 0.00	65.18 -2.01 0.00	63.25 -1.62 0.00	59.15 -1.46 0.00	63.27 -1.56 0.00	65.64 -1.48 0.00	76.72 -1.73 0.00	84.92 -1.83 0.00	67.28 -1.86 0.00	63.32 -1.75 0.00	58.83 -1.88 0.00	55.56 -1.78 0.00	54.63 -1.63 0.00	53.18 -1.59 0.00	54.37 -1.63 0.00	53.83 -1.61 0.01	61.80 -1.67 0.59	71.51 -1.93 0.77	78.00 -1.89 5.93	61.63 -1.69 13.60	67.07 -1.98 1.64	61.03 -1.56 0.00	55.00 -1.18 0.00	53.52 -1.04 0.00
ORANGEVILLE_WT_PWR 323706	63.57 -4.35 0.00	62.43 -4.77 0.00	60.65 -4.22 0.00	56.60 -4.00 0.00	60.28 -4.54 0.00	62.55 -4.57 0.00	72.01 -6.43 0.00	79.29 -7.46 0.00	62.99 -6.15 0.00	59.34 -5.73 0.00	55.06 -5.64 0.00	52.01 -5.33 0.00	51.20 -5.06 0.00	49.84 -4.93 0.00	50.73 -5.27 0.00	50.06 -5.38 0.01	56.95 -6.47 0.64	66.27 -7.12 0.82	71.34 -8.07 6.41	54.86 -7.38 14.67	62.19 -6.72 1.78	56.77 -5.82 0.00	51.74 -4.44 0.00	50.85 -3.71 0.00
ORANGEVILLE___ESR 323794	63.57 -4.35 0.00	62.43 -4.77 0.00	60.65 -4.22 0.00	56.60 -4.00 0.00	60.28 -4.54 0.00	62.55 -4.57 0.00	72.01 -6.43 0.00	79.29 -7.46 0.00	62.99 -6.15 0.00	59.34 -5.73 0.00	55.06 -5.64 0.00	52.01 -5.33 0.00	51.20 -5.06 0.00	49.84 -4.93 0.00	50.73 -5.27 0.00	50.06 -5.38 0.01	56.95 -6.47 0.64	66.27 -7.12 0.82	71.34 -8.07 6.41	54.86 -7.38 14.67	62.19 -6.72 1.78	56.77 -5.82 0.00	51.74 -4.44 0.00	50.85 -3.71 0.00
OSWEGATCHIE___HYD 24044	70.44 2.51 0.00	69.69 2.49 0.00	67.07 2.21 0.00	62.67 2.06 0.00	66.77 1.94 0.00	70.87 3.76 0.00	82.21 3.77 0.00	86.66 -0.09 0.00	71.49 2.35 0.00	67.02 1.95 0.00	62.71 2.00 0.00	59.35 2.01 0.00	58.97 2.70 0.00	57.89 3.12 0.00	59.08 3.08 0.00	58.50 3.05 0.00	67.51 3.46 0.00	77.26 3.04 0.00	85.99 0.17 0.00	79.77 2.85 0.00	73.72 3.04 0.00	65.90 3.31 0.00	59.38 3.20 0.00	57.50 2.94 0.00
OSWEGO___5 23606	65.48 -2.44 0.00	64.64 -2.55 0.00	62.47 -2.40 0.00	58.36 -2.24 0.00	62.43 -2.40 0.00	64.77 -2.35 0.00	75.69 -2.75 0.00	83.71 -3.04 0.00	66.65 -2.49 0.00	62.73 -2.34 0.00	58.46 -2.25 0.00	55.28 -2.06 0.00	54.30 -1.97 0.00	52.85 -1.92 0.00	54.04 -1.96 0.00	53.51 -1.94 0.00	61.81 -2.24 0.00	71.69 -2.52 0.00	82.99 -2.83 0.00	74.30 -2.62 0.00	68.21 -2.48 0.00	60.46 -2.13 0.00	54.33 -1.85 0.00	52.76 -1.80 0.00



OSWEGO___6 23613	65.48 -2.44 0.00	64.64 -2.55 0.00	62.47 -2.40 0.00	58.36 -2.24 0.00	62.43 -2.40 0.00	64.77 -2.35 0.00	75.69 -2.75 0.00	83.71 -3.04 0.00	66.65 -2.49 0.00	62.73 -2.34 0.00	58.46 -2.25 0.00	55.28 -2.06 0.00	54.30 -1.97 0.00	52.85 -1.92 0.00	54.04 -1.96 0.00	53.51 -1.94 0.00	61.81 -2.24 0.00	71.69 -2.52 0.00	82.99 -2.83 0.00	74.30 -2.62 0.00	68.21 -2.48 0.00	60.46 -2.13 0.00	54.33 -1.85 0.00	52.76 -1.80 0.00
OUTOKUMPU-AB___DRP 24206	61.74 -6.18 0.00	60.61 -6.59 0.00	58.83 -6.03 0.00	55.15 -5.45 0.00	58.67 -6.16 0.00	61.21 -5.91 0.00	70.28 -8.16 0.00	76.95 -9.80 0.00	61.60 -7.54 0.00	58.37 -6.70 0.00	54.21 -6.50 0.00	51.32 -6.02 0.00	50.53 -5.74 0.00	49.34 -5.42 0.00	50.23 -5.77 0.00	49.51 -5.93 0.01	56.18 -7.43 0.44	65.37 -8.31 0.53	71.47 -9.95 4.39	57.72 -9.15 10.05	61.26 -8.20 1.22	55.52 -7.07 0.00	50.39 -5.79 0.00	49.98 -4.58 0.00
OXBOW___BTM 323836	60.79 -7.13 0.00	59.67 -7.52 0.00	58.06 -6.81 0.00	54.24 -6.36 0.00	57.76 -7.06 0.00	59.94 -7.18 0.00	68.79 -9.65 0.00	75.73 -11.02 0.00	60.36 -8.78 0.00	57.13 -7.94 0.00	53.06 -7.65 0.00	50.29 -7.05 0.00	49.51 -6.75 0.00	48.36 -6.41 0.00	49.28 -6.72 0.00	48.57 -6.88 0.01	54.98 -8.65 0.43	63.86 -9.80 0.55	70.20 -11.33 4.29	56.81 -10.31 9.80	60.09 -9.40 1.19	54.58 -8.01 0.00	50.00 -6.18 0.00	49.22 -5.34 0.00
OXBOW____ 24026	60.72 -7.20 0.00	59.67 -7.53 0.00	57.93 -6.94 0.00	54.24 -6.36 0.00	57.76 -7.07 0.00	60.20 -6.91 0.00	68.79 -9.65 0.00	75.30 -11.45 0.00	60.29 -8.85 0.00	57.20 -7.87 0.00	53.12 -7.59 0.00	50.29 -7.05 0.00	49.52 -6.75 0.00	48.36 -6.41 0.00	49.28 -6.72 0.00	48.57 -6.88 0.01	55.04 -8.58 0.43	63.94 -9.72 0.55	70.20 -11.33 4.29	56.81 -10.31 9.80	60.23 -9.26 1.19	54.58 -8.01 0.00	49.61 -6.57 0.00	49.21 -5.35 0.00
OXY_CHEM_DSASP 323612	60.04 -7.88 0.00	59.00 -8.20 0.00	57.28 -7.59 0.00	53.63 -6.97 0.00	57.11 -7.71 0.00	59.46 -7.65 0.00	67.70 -10.75 0.00	74.00 -12.75 0.00	59.25 -9.89 0.00	56.22 -8.85 0.00	52.27 -8.44 0.00	49.48 -7.86 0.00	48.73 -7.54 0.00	47.59 -7.17 0.00	48.50 -7.50 0.00	47.79 -7.65 0.01	54.09 -9.54 0.42	62.86 -10.84 0.52	69.28 -12.36 4.18	56.14 -11.23 9.55	59.48 -10.04 1.16	53.89 -8.70 0.00	49.05 -7.13 0.00	48.67 -5.89 0.00
OZONE_PARK_ESR 323760	70.64 2.72 0.00	69.89 2.69 0.00	67.40 2.53 0.00	62.97 2.36 0.00	67.48 2.66 0.00	70.14 3.02 0.00	82.84 4.39 0.00	93.60 5.55 -1.30	73.70 4.56 0.00	69.49 4.42 0.00	64.78 4.07 0.00	61.35 4.01 0.00	59.92 3.66 0.00	58.43 3.67 0.00	59.86 3.86 0.00	59.50 4.05 0.00	68.80 4.74 0.00	80.72 5.79 -0.71	92.51 6.69 0.00	83.19 5.92 -0.35	75.99 5.30 0.00	67.03 4.44 0.00	60.06 3.88 0.00	57.94 3.38 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	60.04 -7.88 0.00	59.00 -8.20 0.00	57.28 -7.59 0.00	53.63 -6.97 0.00	57.11 -7.71 0.00	59.46 -7.65 0.00	67.70 -10.75 0.00	74.00 -12.75 0.00	59.25 -9.89 0.00	56.22 -8.85 0.00	52.27 -8.44 0.00	49.48 -7.86 0.00	48.73 -7.54 0.00	47.59 -7.17 0.00	48.50 -7.50 0.00	47.79 -7.65 0.01	54.09 -9.54 0.42	62.86 -10.84 0.52	69.28 -12.36 4.18	56.14 -11.23 9.55	59.48 -10.04 1.16	53.89 -8.70 0.00	49.05 -7.13 0.00	48.67 -5.89 0.00
PACKARD__115KV_DUPONT_184 80571	60.04 -7.88 0.00	59.00 -8.20 0.00	57.28 -7.59 0.00	53.63 -6.97 0.00	57.11 -7.71 0.00	59.46 -7.65 0.00	67.70 -10.75 0.00	74.00 -12.75 0.00	59.25 -9.89 0.00	56.22 -8.85 0.00	52.27 -8.44 0.00	49.48 -7.86 0.00	48.73 -7.54 0.00	47.59 -7.17 0.00	48.50 -7.50 0.00	47.79 -7.65 0.01	54.09 -9.54 0.42	62.86 -10.84 0.52	69.28 -12.36 4.18	56.14 -11.23 9.55	59.48 -10.04 1.16	53.89 -8.70 0.00	49.05 -7.13 0.00	48.67 -5.89 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	69.96 2.04 0.00	69.21 2.02 0.00	66.81 1.95 0.00	62.54 1.94 0.00	66.90 2.07 0.00	69.53 2.42 0.00	82.21 3.77 0.00	92.82 4.77 -1.30	73.21 4.08 0.01	69.03 3.97 0.01	64.34 3.64 0.01	60.89 3.56 0.01	59.52 3.26 0.01	58.04 3.29 0.01	59.41 3.42 0.01	59.05 3.60 0.01	68.28 4.23 0.01	80.11 5.20 -0.70	91.73 5.92 0.01	82.57 5.31 -0.34	75.34 4.67 0.01	66.53 3.94 0.00	59.60 3.43 0.01	57.56 3.00 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	70.57 2.65 0.00	69.82 2.62 0.00	67.33 2.46 0.00	63.09 2.48 0.00	67.48 2.66 0.00	70.07 2.95 0.00	82.91 4.47 0.00	93.51 5.47 -1.30	73.69 4.56 0.01	69.42 4.36 0.01	64.71 4.01 0.01	61.23 3.90 0.01	59.86 3.60 0.01	58.37 3.61 0.01	59.80 3.81 0.01	59.44 3.99 0.01	68.72 4.68 0.01	80.63 5.71 -0.70	92.33 6.52 0.01	83.03 5.77 -0.34	75.84 5.16 0.01	66.91 4.32 0.00	59.99 3.82 0.01	57.94 3.38 0.00
PATROON__115KV_TB1 80586	70.10 2.17 0.00	69.41 2.22 0.00	67.01 2.14 0.00	62.60 2.00 0.00	67.03 2.20 0.00	69.47 2.35 0.00	81.34 2.90 0.00	98.79 3.12 -8.91	71.56 2.42 0.00	67.87 2.80 0.00	63.32 2.61 0.00	59.92 2.58 0.00	58.35 2.08 0.00	56.85 2.08 0.00	58.18 2.18 0.00	57.39 1.94 0.00	66.23 2.18 0.00	79.12 2.75 -2.16	88.82 3.00 0.00	82.20 2.85 -2.44	73.30 2.62 0.00	64.84 2.25 0.00	58.15 1.97 0.00	56.74 2.18 0.00
PATTRSNVILLE__SOLAR 323815	70.30 2.38 0.00	69.61 2.42 0.00	67.14 2.27 0.00	62.78 2.18 0.00	67.22 2.40 0.00	69.73 2.61 0.00	81.81 3.37 0.00	104.93 3.73 -14.45	71.77 2.63 0.00	67.93 2.86 0.00	63.32 2.61 0.00	59.80 2.46 0.00	58.18 1.91 0.00	56.68 1.92 0.00	58.01 2.01 0.00	57.61 2.16 0.00	66.81 2.75 0.00	80.92 3.56 -3.14	90.02 4.20 0.00	84.45 3.62 -3.91	73.94 3.25 0.00	65.41 2.82 0.00	58.59 2.41 0.00	56.80 2.24 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	64.32 -3.60 0.00	63.10 -4.10 0.00	61.30 -3.57 0.00	57.33 -3.27 0.00	61.06 -3.76 0.00	63.56 -3.56 0.00	72.95 -5.49 0.00	79.81 -6.94 0.00	64.92 -4.22 0.00	61.36 -3.71 0.00	57.01 -3.70 0.00	53.96 -3.38 0.00	53.00 -3.26 0.00	51.75 -3.01 0.00	52.70 -3.30 0.00	52.01 -3.44 0.01	58.81 -4.74 0.50	68.25 -5.34 0.62	74.83 -6.01 4.98	59.83 -5.69 11.40	64.28 -5.02 1.39	58.08 -4.51 0.00	52.64 -3.54 0.00	52.11 -2.46 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	70.98 3.06 0.00	70.29 3.09 0.00	67.78 2.92 0.00	63.27 2.67 0.00	67.81 2.98 0.00	70.40 3.29 0.00	82.99 4.55 0.00	93.63 5.55 -1.33	73.77 4.63 0.00	69.23 4.16 0.00	64.59 3.89 0.00	61.12 3.78 0.00	59.70 3.43 0.00	58.16 3.40 0.00	59.53 3.53 0.00	59.11 3.66 0.00	68.60 4.55 0.00	80.50 5.57 -0.72	92.43 6.61 0.00	83.20 5.92 -0.35	75.99 5.30 0.00	67.09 4.51 0.00	60.11 3.93 0.00	58.00 3.44 0.00
PEEKSKILL____ 23653	69.89 1.97 0.00	69.15 1.95 0.00	66.81 1.94 0.00	62.36 1.76 0.00	66.84 2.01 0.00	69.40 2.28 0.00	81.74 3.29 0.00	92.28 4.25 -1.29	72.59 3.46 0.00	68.39 3.32 0.00	63.80 3.09 0.00	60.38 3.04 0.00	59.02 2.76 0.00	57.50 2.74 0.00	58.91 2.91 0.00	58.50 3.05 0.00	67.71 3.65 0.00	79.37 4.45 -0.70	90.97 5.15 0.00	81.81 4.54 -0.35	74.71 4.03 0.00	66.03 3.44 0.00	59.10 2.92 0.00	57.23 2.67 0.00



PGE MADISON___WINDPWR 24146	73.15 5.23 0.00	72.17 4.97 0.00	69.67 4.80 0.00	65.27 4.67 0.00	69.62 4.80 0.00	72.75 5.64 0.00	85.42 6.98 0.00	94.98 7.37 -0.86	74.26 5.12 0.00	69.56 4.49 0.00	64.65 3.94 0.00	60.78 3.44 0.00	59.36 3.09 0.00	58.05 3.29 0.00	59.19 3.19 0.00	58.85 3.38 -0.01	69.26 4.48 -0.72	80.96 5.35 -1.40	99.78 6.70 -7.27	99.58 5.77 -16.89	77.71 5.02 -2.01	66.90 4.32 0.00	59.83 3.65 0.00	58.06 3.49 0.00
PIERCEFIELD___HYD 23852	70.71 2.78 0.00	70.02 2.82 0.00	67.40 2.53 0.00	62.85 2.24 0.00	66.90 2.07 0.00	71.61 4.50 0.00	82.36 3.92 0.00	89.52 2.78 0.00	71.35 2.21 0.00	66.96 1.89 0.00	62.89 2.19 0.00	59.63 2.29 0.00	59.59 3.32 0.00	58.54 3.78 0.00	59.64 3.64 0.00	58.89 3.44 0.00	67.64 3.59 0.00	76.89 2.67 0.00	87.96 2.15 0.00	79.07 2.15 0.00	73.44 2.76 0.00	66.09 3.50 0.00	59.83 3.65 0.00	58.00 3.44 0.00
PINELAWN_CC_1 323563	96.19 3.80 -24.46	94.20 3.76 -23.24	88.45 3.63 -19.96	88.41 3.39 -24.42	91.64 3.76 -23.06	108.88 4.23 -37.54	133.53 5.57 -49.52	134.35 6.77 -40.83	107.96 5.46 -33.36	88.46 5.14 -18.25	74.76 4.67 -9.37	61.87 4.53 0.00	60.37 4.11 0.00	58.82 4.05 0.00	75.02 4.42 -14.60	80.04 4.55 -20.04	88.38 5.38 -18.95	129.74 6.60 -48.93	132.39 7.64 -38.93	127.79 6.69 -44.18	110.86 6.08 -34.09	97.42 5.19 -29.64	90.96 4.44 -30.34	79.98 4.09 -21.33
PJM_GEN_HTP_PROXY 323702	70.10 2.17 0.00	69.35 2.15 0.00	66.94 2.08 0.00	62.54 1.94 0.00	66.96 2.14 0.00	69.67 2.55 0.00	82.13 3.69 0.00	92.82 4.77 -1.30	73.08 3.94 0.00	68.91 3.84 0.00	64.23 3.52 0.00	60.84 3.50 0.00	59.47 3.21 0.00	57.94 3.18 0.00	59.36 3.36 0.00	58.95 3.50 0.00	68.22 4.16 0.00	79.98 5.05 -0.71	91.66 5.84 0.00	82.35 5.08 -0.35	75.21 4.53 0.00	66.41 3.82 0.00	59.38 3.20 0.00	57.45 2.89 0.00
PJM_GEN_KEystone 24065	48.35 -1.56 18.01	47.28 -1.75 18.17	47.00 -1.49 16.38	48.10 -1.39 11.11	50.20 -1.56 13.07	57.14 -1.48 8.50	67.80 -1.80 8.84	73.45 -1.91 11.39	60.10 -1.38 7.66	50.49 -1.17 13.41	47.44 -1.21 12.06	45.60 -1.03 10.71	44.26 -1.07 10.94	40.80 -0.93 13.03	40.30 -1.01 14.69	42.00 -0.94 12.51	46.90 -1.15 16.00	62.10 -1.19 10.92	69.68 -1.28 14.85	63.99 -1.31 11.62	59.60 -1.20 9.88	52.75 -1.06 8.77	48.70 -0.73 6.75	46.47 -0.55 7.55
PJM_GEN_NEPTUNE_PROXY 323594	84.16 2.99 -13.25	82.82 3.03 -12.59	78.60 2.92 -10.81	76.56 2.73 -13.23	80.30 2.98 -12.50	90.81 3.35 -20.34	109.82 4.55 -26.83	115.10 5.64 -22.72	91.84 4.63 -18.07	79.39 4.43 -9.89	69.85 4.07 -5.08	61.29 3.95 0.00	59.87 3.60 0.00	58.32 3.56 0.00	67.72 3.81 -7.91	70.25 3.94 -10.86	79.00 4.67 -10.27	106.69 5.64 -26.83	113.43 6.52 -21.09	106.79 5.77 -24.10	94.31 5.16 -18.47	83.09 4.44 -16.06	76.44 3.82 -16.44	69.61 3.49 -11.56
PJM_GEN_VFT_PROXY 323633	52.75 1.70 16.87	52.75 1.68 16.13	52.75 1.62 13.74	52.75 1.52 9.37	52.75 1.75 13.83	52.75 2.01 16.38	58.79 3.22 22.87	72.91 4.25 18.09	54.21 3.46 18.38	52.75 3.45 15.77	52.84 3.15 11.02	51.74 3.09 8.69	51.74 2.81 7.34	51.74 2.85 5.87	51.74 3.02 7.28	51.74 3.16 6.87	56.03 3.71 11.74	71.33 4.60 7.49	71.33 5.32 19.81	70.76 4.61 10.77	63.25 4.10 11.53	57.96 3.44 8.07	52.96 2.86 6.08	51.74 2.56 5.39
PLATSBURG_115KV_PMLD1 355749	71.39 3.46 0.00	70.62 3.43 0.00	67.98 3.11 0.00	63.27 2.67 0.00	67.55 2.72 0.00	70.67 3.56 0.00	80.33 1.88 0.00	87.79 1.04 0.00	70.31 1.18 0.00	66.24 1.17 0.00	61.74 1.03 0.00	57.97 0.63 0.00	56.66 0.39 0.00	54.60 -0.16 0.00	55.33 -0.67 0.00	54.18 -1.28 0.00	62.13 -1.92 0.00	71.10 -3.12 0.00	81.70 -4.12 0.00	73.61 -3.31 0.00	67.86 -2.83 0.00	60.21 -2.38 0.00	54.16 -2.02 0.00	53.09 -1.47 0.00
PLEASANTVLY___LBMP 24000	70.03 2.11 0.00	69.28 2.08 0.00	66.94 2.08 0.00	62.48 1.88 0.00	66.96 2.14 0.00	69.47 2.35 0.00	81.82 3.37 0.00	92.29 4.16 -1.37	72.53 3.39 0.00	68.39 3.32 0.00	63.74 3.04 0.00	60.32 2.98 0.00	58.97 2.70 0.00	57.45 2.68 0.00	58.86 2.86 0.00	58.45 2.99 0.00	67.51 3.46 0.00	79.19 4.23 -0.74	90.71 4.89 0.00	81.67 4.38 -0.37	74.57 3.89 0.00	65.90 3.32 0.00	59.10 2.92 0.00	57.18 2.62 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	70.23 2.31 0.00	69.48 2.28 0.00	67.07 2.21 0.00	62.66 2.06 0.00	67.09 2.27 0.00	69.67 2.55 0.00	82.13 3.69 0.00	92.65 4.60 -1.31	72.94 3.80 0.00	68.78 3.71 0.00	64.11 3.40 0.00	60.67 3.33 0.00	59.31 3.04 0.00	57.78 3.01 0.00	59.19 3.19 0.00	58.78 3.33 0.00	67.96 3.91 0.00	79.76 4.82 -0.72	91.40 5.58 0.00	82.27 5.00 -0.35	75.14 4.45 0.00	66.34 3.76 0.00	59.44 3.26 0.00	57.45 2.89 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	70.23 2.31 0.00	69.48 2.28 0.00	67.07 2.21 0.00	62.66 2.06 0.00	67.09 2.27 0.00	69.67 2.55 0.00	82.13 3.69 0.00	92.65 4.60 -1.31	72.94 3.80 0.00	68.78 3.71 0.00	64.11 3.40 0.00	60.67 3.33 0.00	59.31 3.04 0.00	57.78 3.01 0.00	59.19 3.19 0.00	58.78 3.33 0.00	67.96 3.91 0.00	79.76 4.82 -0.72	91.40 5.58 0.00	82.27 5.00 -0.35	75.14 4.45 0.00	66.34 3.76 0.00	59.44 3.26 0.00	57.45 2.89 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	70.71 2.78 0.00	69.95 2.76 0.00	67.59 2.72 0.00	63.09 2.48 0.00	67.61 2.79 0.00	70.14 3.02 0.00	82.68 4.24 0.00	93.21 5.12 -1.34	73.22 4.08 0.00	68.91 3.84 0.00	64.17 3.46 0.00	60.72 3.38 0.00	59.31 3.04 0.00	57.72 2.96 0.00	59.19 3.19 0.00	58.84 3.38 0.00	68.09 4.04 0.00	79.99 5.05 -0.73	91.74 5.92 0.00	82.51 5.23 -0.36	75.35 4.67 0.00	66.53 3.94 0.00	59.66 3.48 0.00	57.67 3.11 0.00
POLETTI_____ 23519	70.03 2.11 0.00	69.35 2.15 0.00	66.88 2.01 0.00	62.48 1.88 0.00	66.96 2.14 0.00	69.53 2.42 0.00	82.13 3.69 0.00	92.73 4.68 -1.30	73.08 3.94 0.00	68.91 3.84 0.00	64.23 3.52 0.00	60.78 3.44 0.00	59.42 3.15 0.00	57.94 3.18 0.00	59.36 3.36 0.00	58.95 3.49 0.00	68.16 4.10 0.00	79.97 5.05 -0.71	91.57 5.75 0.00	82.42 5.15 -0.35	75.21 4.52 0.00	66.41 3.82 0.00	59.49 3.31 0.00	57.45 2.89 0.00
POMONA___ESR 323819	69.69 1.76 0.00	68.94 1.74 0.00	66.62 1.75 0.00	62.24 1.64 0.00	66.64 1.81 0.00	69.20 2.08 0.00	81.50 3.06 0.00	91.90 3.91 -1.25	72.32 3.18 0.00	68.19 3.12 0.00	63.56 2.85 0.00	60.21 2.87 0.00	58.86 2.59 0.00	57.34 2.57 0.00	58.74 2.74 0.00	58.34 2.88 0.00	67.45 3.39 0.00	78.98 4.08 -0.69	90.62 4.80 0.00	81.49 4.23 -0.34	74.43 3.74 0.00	65.78 3.19 0.00	58.93 2.75 0.00	57.07 2.51 0.00
PORT_JEFF_3 23555	96.80 4.41 -24.46	94.87 4.43 -23.24	89.10 4.28 -19.96	89.02 4.00 -24.42	92.30 4.41 -23.06	109.55 4.90 -37.54	134.31 6.35 -49.52	135.21 7.64 -40.83	108.58 6.09 -33.36	88.98 5.66 -18.25	75.06 4.98 -9.37	62.10 4.76 0.00	60.60 4.33 0.00	58.98 4.22 0.00	75.19 4.59 -14.60	80.32 4.82 -20.04	88.64 5.64 -18.95	130.11 6.97 -48.93	132.73 7.98 -38.93	128.17 7.07 -44.18	111.14 6.36 -34.09	97.67 5.44 -29.64	91.19 4.66 -30.34	80.20 4.31 -21.33



PORT_JEFF_4 23616	96.80	94.87	89.10	89.02	92.30	109.55	134.31	135.21	108.58	88.98	75.06	62.10	60.60	58.98	75.19	80.32	88.64	130.11	132.73	128.17	111.14	97.67	91.19	80.20
	4.41	4.43	4.28	4.00	4.41	4.90	6.35	7.64	6.09	5.66	4.98	4.76	4.33	4.22	4.59	4.82	5.64	6.97	7.98	7.07	6.36	5.44	4.66	4.31
	-24.46	-23.24	-19.96	-24.42	-23.06	-37.54	-49.52	-40.83	-33.36	-18.25	-9.37	0.00	0.00	0.00	-14.60	-20.04	-18.95	-48.93	-38.93	-44.18	-34.09	-29.64	-30.34	-21.33
PORT_JEFF_IC 23713	96.94	95.01	89.24	89.08	92.36	109.62	134.47	135.21	108.72	89.05	75.12	62.16	60.66	59.04	75.30	80.43	88.70	130.19	132.90	128.32	111.28	97.80	91.36	80.31
	4.55	4.57	4.41	4.06	4.47	4.97	6.51	7.63	6.22	5.73	5.04	4.82	4.39	4.27	4.70	4.94	5.70	7.05	8.15	7.23	6.50	5.57	4.83	4.42
	-24.46	-23.24	-19.96	-24.42	-23.06	-37.54	-49.52	-40.83	-33.36	-18.25	-9.37	0.00	0.00	0.00	-14.60	-20.04	-18.95	-48.93	-38.93	-44.17	-34.09	-29.64	-30.34	-21.33
PPL_PILGRIM_ST_GT1 24216	96.74	94.80	88.98	88.90	92.16	109.42	134.16	134.95	108.58	88.98	75.18	62.21	60.71	59.15	75.36	80.43	88.83	130.11	132.82	128.25	111.21	97.86	91.30	80.31
	4.35	4.37	4.16	3.88	4.28	4.77	6.20	7.37	6.09	5.66	5.10	4.87	4.44	4.38	4.76	4.93	5.83	6.97	8.06	7.15	6.43	5.64	4.77	4.42
	-24.46	-23.24	-19.96	-24.42	-23.06	-37.54	-49.52	-40.83	-33.36	-18.25	-9.37	0.00	0.00	0.00	-14.60	-20.04	-18.95	-48.93	-38.93	-44.18	-34.09	-29.64	-30.34	-21.33
PPL_PILGRIM_ST_GT2 24217	96.74	94.80	88.98	88.90	92.16	109.42	134.16	134.95	108.58	88.98	75.18	62.21	60.71	59.15	75.36	80.43	88.83	130.11	132.82	128.25	111.21	97.86	91.30	80.31
	4.35	4.37	4.16	3.88	4.28	4.77	6.20	7.37	6.09	5.66	5.10	4.87	4.44	4.38	4.76	4.93	5.83	6.97	8.06	7.15	6.43	5.64	4.77	4.42
	-24.46	-23.24	-19.96	-24.42	-23.06	-37.54	-49.52	-40.83	-33.36	-18.25	-9.37	0.00	0.00	0.00	-14.60	-20.04	-18.95	-48.93	-38.93	-44.18	-34.09	-29.64	-30.34	-21.33
PPL_SHRM_GT3 24213	97.28	95.34	89.56	89.44	92.75	110.09	134.94	135.82	108.99	89.24	75.24	62.21	60.66	58.98	75.24	80.43	88.77	130.42	133.07	128.41	111.35	97.86	91.30	80.36
	4.89	4.90	4.73	4.42	4.86	5.43	6.98	8.25	6.50	5.92	5.16	4.87	4.39	4.22	4.65	4.93	5.77	7.28	8.32	7.31	6.57	5.64	4.77	4.47
	-24.46	-23.24	-19.96	-24.42	-23.06	-37.54	-49.52	-40.83	-33.36	-18.25	-9.37	0.00	0.00	0.00	-14.60	-20.04	-18.95	-48.93	-38.93	-44.18	-34.09	-29.64	-30.34	-21.33
PPL_SHRM_GT4 24214	97.28	95.34	89.56	89.44	92.75	110.09	134.94	135.82	108.99	89.24	75.24	62.21	60.66	58.98	75.24	80.43	88.77	130.42	133.07	128.41	111.35	97.86	91.30	80.36
	4.89	4.90	4.73	4.42	4.86	5.43	6.98	8.25	6.50	5.92	5.16	4.87	4.39	4.22	4.65	4.93	5.77	7.28	8.32	7.31	6.57	5.64	4.77	4.47
	-24.46	-23.24	-19.96	-24.42	-23.06	-37.54	-49.52	-40.83	-33.36	-18.25	-9.37	0.00	0.00	0.00	-14.60	-20.04	-18.95	-48.93	-38.93	-44.18	-34.09	-29.64	-30.34	-21.33
PROJECT___ORANGE 1 24174	66.09	65.25	63.05	58.91	63.07	65.51	76.56	84.75	67.48	63.44	59.13	55.91	55.03	53.61	54.82	54.29	62.77	72.73	84.19	75.30	69.13	61.34	55.06	53.47
	-1.83	-1.95	-1.82	-1.70	-1.75	-1.61	-1.88	-2.00	-1.66	-1.63	-1.58	-1.43	-1.24	-1.15	-1.18	-1.16	-1.28	-1.48	-1.63	-1.62	-1.56	-1.25	-1.12	-1.09
	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
PROJECT___ORANGE 2 24166	66.09	65.25	63.05	58.91	63.07	65.51	76.56	84.75	67.48	63.44	59.13	55.91	55.03	53.61	54.82	54.29	62.77	72.73	84.19	75.30	69.13	61.34	55.06	53.47
	-1.83	-1.95	-1.82	-1.70	-1.75	-1.61	-1.88	-2.00	-1.66	-1.63	-1.58	-1.43	-1.24	-1.15	-1.18	-1.16	-1.28	-1.48	-1.63	-1.62	-1.56	-1.25	-1.12	-1.09
	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
PUCKETT___SOLAR 323809	68.67	67.80	65.51	61.27	65.54	68.06	79.69	88.69	69.63	65.46	60.83	57.45	56.27	54.87	56.17	55.73	64.70	75.56	87.19	78.28	71.60	63.34	56.86	55.27
	0.75	0.60	0.65	0.67	0.71	0.94	1.25	1.21	0.49	0.39	0.12	0.11	0.00	0.11	0.17	0.28	0.64	1.04	1.37	1.16	0.92	0.75	0.68	0.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	0.00	-0.21	0.00	0.00	0.00
PYRITES___HYD 24023	71.80	71.09	68.43	63.88	68.00	72.02	83.07	90.39	72.04	67.54	63.32	59.86	59.59	58.38	59.53	58.78	67.71	77.18	88.56	79.69	73.86	66.16	59.72	57.89
	3.87	3.90	3.57	3.27	3.18	4.90	4.63	3.64	2.90	2.47	2.61	2.52	3.32	3.61	3.53	3.33	3.65	2.97	2.75	2.77	3.18	3.57	3.54	3.33
	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
QUAKERRD_115KV_BK1 80622	62.90	61.82	59.81	56.06	59.90	62.35	72.25	79.72	63.61	59.93	55.85	52.75	51.88	50.60	51.69	51.12	58.62	67.83	76.62	64.95	64.27	57.77	52.02	50.85
	-5.03	-5.38	-5.06	-4.55	-4.93	-4.77	-6.20	-7.03	-5.53	-5.14	-4.86	-4.59	-4.39	-4.16	-4.31	-4.33	-5.19	-6.01	-6.69	-6.23	-5.73	-4.82	-4.16	-3.71
	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	0.25	0.37	2.50	5.74	0.69	0.00	0.00	0.00
QUEENSBRY_115KV_TB8 356137	73.09	72.30	69.73	65.21	69.88	72.62	85.42	110.00	77.09	72.94	67.63	63.99	62.23	60.57	62.05	61.66	71.23	86.42	96.72	90.17	79.17	70.10	62.64	60.78
	5.16	5.11	4.86	4.61	5.06	5.50	6.98	10.15	7.95	7.87	6.92	6.65	5.96	5.81	6.05	6.21	7.17	9.28	10.90	9.54	8.48	7.51	6.46	6.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.93	0.00	-3.71	0.00	0.00	0.00	0.00
RAMAPO___LBMP 323565	69.49	68.81	66.42	62.06	66.45	68.93	81.27	91.55	72.11	68.00	63.38	60.03	58.69	57.17	58.52	58.17	67.19	78.76	90.28	81.25	74.22	65.59	58.82	56.91
	1.56	1.61	1.56	1.45	1.62	1.81	2.82	3.56	2.97	2.93	2.67	2.69	2.42	2.41	2.52	2.72	3.14	3.86	4.46	4.00	3.53	3.00	2.64	2.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	0.00	-0.33	0.00	0.00	0.00	0.00
RANKINE____ 23646	63.10	61.89	60.13	56.24	59.90	62.42	71.38	78.07	62.71	59.34	55.12	52.18	51.32	50.06	51.02	50.29	57.03	66.19	72.62	58.01	62.40	56.64	51.40	50.91
	-4.82	-5.31	-4.74	-4.36	-4.93	-4.70	-7.06	-8.67	-6.43	-5.73	-5.59	-5.16	-4.95	-4.71	-4.98	-5.16	-6.53	-7.42	-8.32	-7.77	-6.93	-5.95	-4.78	-3.66
	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	0.01	0.49	0.61	4.87	11.14	1.36	0.00	0.00	0.00
RAVENSWOOD_GT2_1 24244	70.16	69.41	67.01	62.66	67.09	69.67	82.29	92.91	73.22	68.97	64.29	60.90	59.53	58.00	59.42	59.06	68.28	80.05	91.74	82.50	75.35	66.53	59.61	57.56
	2.24	2.22	2.14	2.06	2.27	2.55	3.84	4.86	4.08	3.90	3.58	3.56	3.26	3.23	3.42	3.60	4.23	5.12	5.92	5.23	4.67	3.94	3.43	3.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.71	0.00	-0.35	0.00	0.00	0.00	0.00



RAVENSWOOD_GT2_2 24245	70.16 2.24 0.00	69.41 2.22 0.00	67.01 2.14 0.00	62.66 2.06 0.00	67.09 2.27 0.00	69.67 2.55 0.00	82.29 3.84 0.00	92.91 4.86 -1.30	73.22 4.08 0.00	68.97 3.90 0.00	64.29 3.58 0.00	60.90 3.56 0.00	59.53 3.26 0.00	58.00 3.23 0.00	59.42 3.42 0.00	59.06 3.60 0.00	68.28 4.23 0.00	80.05 5.12 -0.71	91.74 5.92 0.00	82.50 5.23 -0.35	75.35 4.67 0.00	66.53 3.94 0.00	59.61 3.43 0.00	57.56 3.00 0.00
RAVENSWOOD_GT2_3 24246	70.16 2.24 0.00	69.48 2.28 0.00	67.07 2.21 0.00	62.66 2.06 0.00	67.09 2.27 0.00	69.67 2.55 0.00	82.29 3.84 0.00	92.91 4.86 -1.30	73.22 4.08 0.00	69.04 3.97 0.00	64.35 3.64 0.00	60.90 3.56 0.00	59.53 3.26 0.00	58.05 3.29 0.00	59.47 3.47 0.00	59.06 3.60 0.00	68.28 4.23 0.00	80.12 5.20 -0.71	91.74 5.92 0.00	82.57 5.31 -0.35	75.35 4.67 0.00	66.53 3.94 0.00	59.61 3.43 0.00	57.62 3.06 0.00
RAVENSWOOD_GT2_4 24247	70.16 2.24 0.00	69.48 2.28 0.00	67.07 2.21 0.00	62.66 2.06 0.00	67.09 2.27 0.00	69.67 2.55 0.00	82.29 3.84 0.00	92.91 4.86 -1.30	73.22 4.08 0.00	69.04 3.97 0.00	64.35 3.64 0.00	60.90 3.56 0.00	59.53 3.26 0.00	58.05 3.29 0.00	59.47 3.47 0.00	59.06 3.60 0.00	68.28 4.23 0.00	80.12 5.20 -0.71	91.74 5.92 0.00	82.57 5.31 -0.35	75.35 4.67 0.00	66.53 3.94 0.00	59.61 3.43 0.00	57.62 3.06 0.00
RAVENSWOOD_GT3_1 24248	70.16 2.24 0.00	69.41 2.22 0.00	67.01 2.14 0.00	62.66 2.06 0.00	67.09 2.27 0.00	69.67 2.55 0.00	82.29 3.84 0.00	92.91 4.86 -1.30	73.22 4.08 0.00	68.97 3.90 0.00	64.35 3.64 0.00	60.90 3.56 0.00	59.53 3.26 0.00	58.00 3.23 0.00	59.42 3.42 0.00	59.06 3.60 0.00	68.28 4.23 0.00	80.05 5.12 -0.71	91.74 5.92 0.00	82.50 5.23 -0.35	75.35 4.67 0.00	66.53 3.94 0.00	59.61 3.43 0.00	57.56 3.00 0.00
RAVENSWOOD_GT3_2 24249	70.16 2.24 0.00	69.41 2.22 0.00	67.01 2.14 0.00	62.66 2.06 0.00	67.09 2.27 0.00	69.67 2.55 0.00	82.29 3.84 0.00	92.91 4.86 -1.30	73.22 4.08 0.00	68.97 3.90 0.00	64.35 3.64 0.00	60.90 3.56 0.00	59.53 3.26 0.00	58.00 3.23 0.00	59.42 3.42 0.00	59.06 3.60 0.00	68.28 4.23 0.00	80.05 5.12 -0.71	91.74 5.92 0.00	82.50 5.23 -0.35	75.35 4.67 0.00	66.53 3.94 0.00	59.61 3.43 0.00	57.56 3.00 0.00
RAVENSWOOD_GT3_3 24250	70.23 2.31 0.00	69.55 2.35 0.00	67.07 2.21 0.00	62.73 2.12 0.00	67.16 2.33 0.00	69.73 2.62 0.00	82.36 3.92 0.00	92.99 4.94 -1.30	73.29 4.15 0.00	69.10 4.03 0.00	64.41 3.70 0.00	60.95 3.61 0.00	59.59 3.32 0.00	58.11 3.34 0.00	59.53 3.53 0.00	59.11 3.66 0.00	68.35 4.29 0.00	80.20 5.27 -0.71	91.82 6.01 0.00	82.65 5.38 -0.35	75.42 4.74 0.00	66.59 4.01 0.00	59.66 3.48 0.00	57.62 3.06 0.00
RAVENSWOOD_GT3_4 24251	70.23 2.31 0.00	69.55 2.35 0.00	67.07 2.21 0.00	62.73 2.12 0.00	67.16 2.33 0.00	69.73 2.62 0.00	82.36 3.92 0.00	92.99 4.94 -1.30	73.29 4.15 0.00	69.10 4.03 0.00	64.41 3.70 0.00	60.95 3.61 0.00	59.59 3.32 0.00	58.11 3.34 0.00	59.53 3.53 0.00	59.11 3.66 0.00	68.35 4.29 0.00	80.20 5.27 -0.71	91.82 6.01 0.00	82.65 5.38 -0.35	75.42 4.74 0.00	66.59 4.01 0.00	59.66 3.48 0.00	57.62 3.06 0.00
RAVENSWOOD_GT_1 23729	70.37 2.45 0.00	69.62 2.42 0.00	67.21 2.34 -0.01	63.37 2.30 -0.46	67.30 2.46 -0.01	69.87 2.75 0.00	82.69 4.24 -0.01	93.35 5.29 -1.31	105.81 4.42 -32.25	79.63 4.29 -10.27	65.92 3.95 -1.26	63.92 3.90 -2.68	64.86 3.60 -4.99	61.93 3.56 -3.61	62.91 3.75 -3.15	62.66 3.94 -3.27	89.79 4.55 -21.19	115.23 5.57 -35.45	125.54 6.35 -33.37	116.33 5.69 -33.72	109.14 5.09 -33.37	69.84 4.26 -3.00	61.72 3.76 -1.78	59.44 3.33 -1.55
RAVENSWOOD_GT_10 24258	70.16 2.24 0.00	69.41 2.22 0.00	67.01 2.14 0.00	62.60 2.00 0.00	67.09 2.27 0.00	69.67 2.55 0.00	82.29 3.84 0.00	92.91 4.86 -1.30	71.53 4.01 1.62	68.46 3.90 0.51	64.23 3.58 0.06	60.76 3.56 0.13	59.28 3.26 0.25	57.82 3.23 0.18	59.26 3.42 0.16	58.89 3.60 0.16	67.22 4.23 1.06	78.30 5.12 1.03	90.06 5.92 1.67	80.82 5.23 1.33	73.67 4.67 1.67	66.53 3.94 0.00	59.57 3.43 0.04	57.56 3.00 0.00
RAVENSWOOD_GT_11 24259	70.16 2.24 0.00	69.41 2.22 0.00	67.01 2.14 0.00	62.60 2.00 0.00	67.09 2.27 0.00	69.67 2.55 0.00	82.29 3.84 0.00	92.91 4.86 -1.30	71.53 4.01 1.62	68.46 3.90 0.51	64.23 3.58 0.06	60.76 3.56 0.13	59.28 3.26 0.25	57.82 3.23 0.18	59.26 3.42 0.16	58.89 3.60 0.16	67.22 4.23 1.06	78.30 5.12 1.03	90.06 5.92 1.67	80.82 5.23 1.33	73.67 4.67 1.67	66.53 3.94 0.00	59.57 3.43 0.04	57.56 3.00 0.00
RAVENSWOOD_GT_4 24252	70.16 2.24 0.00	69.41 2.22 0.00	67.01 2.14 -0.01	62.96 2.00 -0.35	67.10 2.27 -0.01	69.67 2.55 0.00	82.21 3.77 -0.01	92.83 4.77 -1.31	73.16 4.01 -0.01	68.91 3.84 -0.01	64.30 3.58 -0.01	60.84 3.50 -0.01	59.48 3.21 -0.01	57.95 3.18 -0.01	59.37 3.36 -0.01	59.01 3.55 -0.01	68.23 4.16 -0.01	79.98 5.05 -0.72	91.66 5.84 -0.01	82.43 5.15 -0.35	75.28 4.59 -0.01	68.75 3.88 -2.28	60.35 3.37 -0.80	58.69 2.95 -1.18
RAVENSWOOD_GT_5 24254	70.16 2.24 0.00	69.41 2.22 0.00	67.01 2.14 -0.01	62.96 2.00 -0.35	67.10 2.27 -0.01	69.67 2.55 0.00	82.21 3.77 -0.01	92.83 4.77 -1.31	73.16 4.01 -0.01	68.91 3.84 -0.01	64.30 3.58 -0.01	60.84 3.50 -0.01	59.48 3.21 -0.01	57.95 3.18 -0.01	59.37 3.36 -0.01	59.01 3.55 -0.01	68.23 4.16 -0.01	79.98 5.05 -0.72	91.66 5.84 -0.01	82.43 5.15 -0.35	75.28 4.59 -0.01	68.75 3.88 -2.28	60.35 3.37 -0.80	58.69 2.95 -1.18
RAVENSWOOD_GT_6 24253	70.16 2.24 0.00	69.41 2.22 0.00	67.01 2.14 -0.01	62.96 2.00 -0.35	67.10 2.27 -0.01	69.67 2.55 0.00	82.21 3.77 -0.01	92.83 4.77 -1.31	73.16 4.01 -0.01	68.91 3.84 -0.01	64.30 3.58 -0.01	60.84 3.50 -0.01	59.48 3.21 -0.01	57.95 3.18 -0.01	59.37 3.36 -0.01	59.01 3.55 -0.01	68.23 4.16 -0.01	79.98 5.05 -0.72	91.66 5.84 -0.01	82.43 5.15 -0.35	75.28 4.59 -0.01	68.75 3.88 -2.28	60.35 3.37 -0.80	58.69 2.95 -1.18
RAVENSWOOD_GT_7 24255	70.16 2.24 0.00	69.41 2.22 0.00	67.01 2.14 -0.01	62.96 2.00 -0.35	67.10 2.27 -0.01	69.67 2.55 0.00	82.21 3.77 -0.01	92.83 4.77 -1.31	73.16 4.01 -0.01	68.91 3.84 -0.01	64.30 3.58 -0.01	60.84 3.50 -0.01	59.48 3.21 -0.01	57.95 3.18 -0.01	59.37 3.36 -0.01	59.01 3.55 -0.01	68.23 4.16 -0.01	79.98 5.05 -0.72	91.66 5.84 -0.01	82.43 5.15 -0.35	75.28 4.59 -0.01	68.75 3.88 -2.28	60.35 3.37 -0.80	58.69 2.95 -1.18
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	70.16 2.24 0.00	69.41 2.22 0.00	67.01 2.14 0.00	62.60 2.00 0.00	67.09 2.27 0.00	69.67 2.55 0.00	82.29 3.84 0.00	92.91 4.86 -1.30	71.53 4.01 1.62	68.46 3.90 0.51	64.23 3.58 0.06	60.76 3.56 0.13	59.28 3.26 0.25	57.82 3.23 0.18	59.26 3.42 0.16	58.89 3.60 0.16	67.22 4.23 1.06	78.30 5.12 1.03	90.06 5.92 1.67	80.82 5.23 1.33	73.67 4.67 1.67	66.53 3.94 0.00	59.57 3.43 0.04	57.56 3.00 0.00



RAVENSWOOD_GT_9 24257	70.16 2.24 0.00	69.41 2.22 0.00	67.01 2.14 0.00	62.60 2.00 0.00	67.09 2.27 0.00	69.67 2.55 0.00	82.29 3.84 0.00	92.91 4.86 -1.30	71.53 4.01 1.62	68.46 3.90 0.51	64.23 3.58 0.06	60.76 3.56 0.13	59.28 3.26 0.25	57.82 3.23 0.18	59.26 3.42 0.16	58.89 3.60 0.16	67.22 4.23 1.06	78.30 5.12 1.03	90.06 5.92 1.67	80.82 5.23 1.33	73.67 4.67 1.67	66.53 3.94 0.00	59.57 3.43 0.04	57.56 3.00 0.00
RAVENSWOOD___1 23533	70.30 2.38 0.00	69.55 2.35 0.00	67.14 2.27 0.00	62.85 2.24 0.00	67.22 2.40 0.00	69.87 2.75 0.00	82.60 4.15 0.00	93.34 5.29 -1.30	89.53 4.36 -16.03	74.40 4.23 -5.10	65.28 3.94 -0.62	62.51 3.84 -1.33	62.29 3.55 -2.48	60.06 3.51 -1.79	61.26 3.70 -1.56	60.90 3.82 -1.62	79.13 4.55 -10.53	97.76 5.57 -17.98	108.75 6.35 -16.59	99.47 5.61 -16.94	92.29 5.02 -16.59	66.85 4.26 0.00	60.14 3.60 -0.36	57.83 3.27 0.00
RAVENSWOOD___2 23534	70.30 2.38 0.00	69.55 2.35 0.00	67.07 2.21 0.00	62.85 2.24 0.00	67.22 2.40 0.00	69.87 2.75 0.00	82.60 4.15 0.00	93.34 5.29 -1.30	89.47 4.36 -15.97	74.38 4.23 -5.08	65.22 3.89 -0.62	62.51 3.84 -1.32	62.23 3.49 -2.47	60.06 3.51 -1.78	61.25 3.70 -1.56	60.89 3.82 -1.61	79.09 4.55 -10.49	97.62 5.49 -17.91	108.69 6.35 -16.52	99.34 5.54 -16.88	92.15 4.95 -16.52	66.85 4.26 0.00	60.14 3.60 -0.36	57.83 3.27 0.00
RAVENSWOOD___3 23535	70.16 2.24 0.00	69.41 2.21 0.00	67.00 2.14 0.00	62.67 2.06 0.00	67.09 2.27 0.00	69.73 2.61 0.00	82.29 3.84 0.00	92.99 4.94 -1.30	73.15 4.01 0.00	68.97 3.90 0.00	64.35 3.64 0.00	60.90 3.56 0.00	59.53 3.26 0.00	58.00 3.23 0.00	59.42 3.42 0.00	59.01 3.55 0.00	68.28 4.23 0.00	80.04 5.12 -0.71	91.73 5.92 0.00	82.50 5.23 -0.35	75.35 4.66 0.00	66.53 3.95 0.00	59.49 3.31 0.00	57.56 3.00 0.00
RAVENSWOOD___4 23820	70.23 2.31 0.00	69.55 2.35 0.00	67.06 2.21 0.01	62.39 2.24 0.46	67.22 2.40 0.01	69.87 2.75 0.00	82.59 4.15 0.01	93.24 5.20 -1.29	73.49 4.36 0.01	69.29 4.23 0.01	64.59 3.89 0.01	61.12 3.78 0.01	59.75 3.49 0.01	58.21 3.45 0.01	59.63 3.64 0.01	59.27 3.82 0.01	68.60 4.55 0.01	80.41 5.49 -0.70	92.16 6.35 0.01	82.81 5.54 -0.34	75.62 4.95 0.01	63.83 4.19 2.95	58.75 3.60 1.03	56.30 3.27 1.53
RCPL_TRUST___DRP 24196	70.16 2.24 0.00	69.48 2.28 0.00	67.07 2.21 0.00	62.60 2.00 0.00	67.09 2.27 0.00	69.67 2.55 0.00	82.29 3.84 0.00	92.91 4.86 -1.30	73.22 4.08 0.00	69.04 3.97 0.00	64.35 3.64 0.00	60.95 3.61 0.00	59.59 3.32 0.00	58.05 3.29 0.00	59.47 3.47 0.00	59.11 3.66 0.00	68.28 4.23 0.00	80.12 5.20 -0.71	91.74 5.92 0.00	82.50 5.23 -0.35	75.28 4.59 0.00	66.47 3.88 0.00	59.55 3.37 0.00	57.51 2.95 0.00
RED___ROCHESTER 323720	64.12 -3.80 0.00	62.97 -4.23 0.00	60.98 -3.89 0.00	57.09 -3.52 0.00	60.94 -3.89 0.00	63.42 -3.69 0.00	73.34 -5.10 0.00	81.19 -5.55 0.00	64.65 -4.49 0.00	60.97 -4.10 0.00	56.70 -4.01 0.00	53.61 -3.73 0.00	52.78 -3.49 0.00	51.48 -3.28 0.00	52.58 -3.42 0.00	51.96 -3.49 0.00	59.49 -4.29 0.28	68.98 -4.82 0.42	77.70 -5.32 2.80	65.50 -5.00 6.42	65.32 -4.59 0.77	58.71 -3.88 0.00	53.20 -2.98 0.00	51.83 -2.73 0.00
REGAN___SOLAR 323812	72.34 4.41 0.00	71.56 4.37 0.00	68.89 4.02 0.00	64.49 3.88 0.00	69.10 4.28 0.00	71.88 4.77 0.00	84.48 6.04 0.00	106.94 6.68 -13.51	73.63 4.49 0.00	69.69 4.62 0.00	64.84 4.13 0.00	61.24 3.90 0.00	59.42 3.15 0.00	57.94 3.18 0.00	59.25 3.25 0.00	59.11 3.66 0.00	68.73 4.67 0.00	83.32 6.16 -2.95	93.11 7.29 0.00	86.96 6.38 -3.66	76.34 5.66 0.00	67.53 4.94 0.00	60.40 4.22 0.00	58.49 3.93 0.00
RENSSELAER___COGEN 23796	69.82 1.90 0.00	69.15 1.95 0.00	66.75 1.88 0.00	62.36 1.76 0.00	66.77 1.94 0.00	69.20 2.08 0.00	80.95 2.51 0.00	95.42 2.43 -6.24	71.15 2.01 0.00	67.35 2.28 0.00	62.83 2.12 0.00	59.40 2.06 0.00	57.90 1.63 0.00	56.41 1.64 0.00	57.74 1.74 0.00	56.95 1.50 0.00	65.85 1.79 0.00	77.97 2.08 -1.68	88.05 2.23 0.00	80.76 2.15 -1.69	72.80 2.12 0.00	64.40 1.82 0.00	57.70 1.52 0.00	56.42 1.86 0.00
REPUBLIC_115KV_BARTNBRK 55605	75.73 7.81 0.00	74.93 7.73 0.00	72.26 7.39 0.00	67.57 6.97 0.00	72.47 7.65 0.00	75.44 8.32 0.00	88.88 10.43 0.00	113.78 13.97 -13.07	79.86 10.72 0.00	75.42 10.35 0.00	69.88 9.17 0.00	66.11 8.77 0.00	64.20 7.93 0.00	62.54 7.78 0.00	64.12 8.12 0.00	63.94 8.48 0.00	73.86 9.80 0.00	89.76 12.62 -2.93	100.75 14.93 0.00	93.55 12.92 -3.70	82.28 11.59 0.00	72.66 10.08 0.00	64.89 8.71 0.00	62.85 8.29 0.00
REVERE_CPPR_DRP 24186	70.30 2.38 0.00	69.48 2.28 0.00	67.07 2.21 0.00	62.79 2.18 0.00	67.09 2.27 0.00	70.00 2.89 0.00	81.97 3.53 0.00	90.57 3.82 0.00	72.04 2.90 0.00	67.41 2.34 0.00	62.83 2.12 0.00	59.23 1.89 0.00	58.46 2.19 0.00	57.12 2.35 0.00	58.35 2.35 0.00	57.89 2.44 0.00	67.13 3.07 0.00	77.70 3.49 0.00	90.02 4.21 0.00	80.61 3.69 0.00	73.94 3.25 0.00	65.47 2.88 0.00	58.54 2.36 0.00	56.80 2.24 0.00
REYNOLDS_115KV_TB3 80639	70.16 2.24 0.00	69.48 2.28 0.00	67.07 2.21 0.00	62.66 2.06 0.00	67.09 2.27 0.00	69.47 2.35 0.00	81.42 2.98 0.00	99.18 3.82 -8.61	72.18 3.04 0.00	68.32 3.25 0.00	63.74 3.04 0.00	60.32 2.98 0.00	58.80 2.53 0.00	57.28 2.52 0.00	58.63 2.63 0.00	58.06 2.61 0.00	67.00 2.95 0.00	79.95 3.64 -2.10	89.94 4.12 0.00	82.98 3.69 -2.37	74.08 3.39 0.00	65.53 2.94 0.00	58.76 2.58 0.00	57.12 2.56 0.00
RIVERBAY____ 323610	70.57 2.65 0.00	69.82 2.62 0.00	67.33 2.46 0.00	63.09 2.48 0.00	67.48 2.66 0.00	70.07 2.95 0.00	82.91 4.47 0.00	93.51 5.47 -1.30	73.69 4.56 0.01	69.42 4.36 0.01	64.71 4.01 0.01	61.23 3.90 0.01	59.86 3.60 0.01	58.37 3.61 0.01	59.80 3.81 0.01	59.44 3.99 0.01	68.72 4.68 0.01	80.63 5.71 -0.70	92.33 6.52 0.01	83.03 5.77 -0.34	75.84 5.16 0.01	66.91 4.32 0.00	59.99 3.82 0.01	57.94 3.38 0.00
RIVERSDE_115KV_TB3 55908	70.03 2.11 0.00	69.35 2.15 0.00	66.94 2.08 0.00	62.54 1.94 0.00	66.96 2.14 0.00	69.40 2.28 0.00	81.27 2.82 0.00	98.07 3.12 -8.20	71.70 2.56 0.00	67.87 2.80 0.00	63.32 2.61 0.00	59.92 2.58 0.00	58.41 2.14 0.00	56.90 2.14 0.00	58.24 2.24 0.00	57.51 2.05 0.00	66.36 2.31 0.00	79.07 2.82 -2.03	88.99 3.18 0.00	82.07 2.92 -2.23	73.44 2.76 0.00	64.90 2.32 0.00	58.20 2.02 0.00	56.80 2.24 0.00
ROARING___BROOK_WT_PWR 323790	68.26 0.34 0.00	67.54 0.34 0.00	65.06 0.20 0.00	60.66 0.06 0.00	64.70 -0.13 0.00	66.72 -0.40 0.00	77.58 -0.86 0.00	85.45 -1.30 0.00	68.17 -0.97 0.00	63.96 -1.11 0.00	59.62 -1.09 0.00	56.19 -1.15 0.00	55.26 -1.01 0.00	53.72 -1.04 0.00	54.82 -1.18 0.00	54.23 -1.22 0.00	62.65 -1.41 0.00	72.43 -1.78 0.00	83.68 -2.14 0.00	75.07 -1.85 0.00	69.13 -1.56 0.00	61.21 -1.38 0.00	55.00 -1.18 0.00	53.41 -1.15 0.00



ROCHESRG_115KV_T4 355643	63.44 -4.48 0.00	62.36 -4.84 0.00	60.33 -4.54 0.00	56.54 -4.06 0.00	60.35 -4.47 0.00	62.89 -4.23 0.00	72.56 -5.88 0.00	79.98 -6.77 0.00	63.82 -5.32 0.00	60.25 -4.82 0.00	56.10 -4.61 0.00	52.98 -4.36 0.00	52.16 -4.11 0.00	50.88 -3.89 0.00	51.97 -4.03 0.00	51.35 -4.10 0.00	58.72 -5.06 0.27	68.02 -5.79 0.41	76.63 -6.44 2.75	64.60 -6.00 6.32	64.41 -5.51 0.76	58.02 -4.57 0.00	52.36 -3.82 0.00	51.29 -3.27 0.00
ROCHESTER_9_IC 23652	63.78 -4.14 0.00	62.70 -4.50 0.00	60.65 -4.22 0.00	56.85 -3.76 0.00	60.68 -4.15 0.00	63.22 -3.89 0.00	72.95 -5.49 0.00	80.50 -6.25 0.00	64.23 -4.91 0.00	60.58 -4.49 0.00	56.46 -4.25 0.00	53.33 -4.01 0.00	52.50 -3.77 0.00	51.15 -3.61 0.00	52.25 -3.75 0.00	51.68 -3.77 0.00	59.10 -4.68 0.28	68.46 -5.34 0.42	77.18 -5.84 2.80	64.96 -5.54 6.42	64.82 -5.09 0.77	58.39 -4.19 0.00	52.64 -3.54 0.00	51.61 -2.95 0.00
ROCKVIEW_13_KV_LD 356306	70.37 2.45 0.00	69.62 2.42 0.00	67.20 2.34 0.00	62.79 2.18 0.00	67.22 2.40 0.00	69.80 2.68 0.00	82.36 3.92 0.00	92.99 4.94 -1.30	73.22 4.08 0.00	69.04 3.97 0.00	64.35 3.64 0.00	60.90 3.56 0.00	59.53 3.26 0.00	58.00 3.23 0.00	59.42 3.42 0.00	59.06 3.60 0.00	68.22 4.16 0.00	80.05 5.12 -0.71	91.82 6.01 0.00	82.57 5.31 -0.35	75.42 4.74 0.00	66.59 4.01 0.00	59.66 3.48 0.00	57.67 3.11 0.00
ROME____115KV_TB2 80656	70.30 2.38 0.00	69.48 2.28 0.00	67.07 2.21 0.00	62.79 2.18 0.00	67.09 2.27 0.00	70.00 2.89 0.00	81.97 3.53 0.00	90.57 3.82 0.00	72.04 2.90 0.00	67.41 2.34 0.00	62.83 2.12 0.00	59.23 1.89 0.00	58.46 2.19 0.00	57.12 2.35 0.00	58.35 2.35 0.00	57.89 2.44 0.00	67.13 3.07 0.00	77.70 3.49 0.00	90.02 4.21 0.00	80.61 3.69 0.00	73.94 3.25 0.00	65.47 2.88 0.00	58.54 2.36 0.00	56.80 2.24 0.00
ROSETON___1 23587	69.82 1.90 0.00	69.15 1.95 0.00	66.75 1.88 0.00	62.36 1.76 0.00	66.77 1.94 0.00	69.26 2.15 0.00	81.58 3.14 0.00	92.00 3.99 -1.26	72.32 3.18 0.00	68.19 3.12 0.00	63.56 2.85 0.00	60.15 2.81 0.00	58.80 2.53 0.00	57.29 2.52 0.00	58.69 2.69 0.00	58.23 2.77 0.00	67.38 3.33 0.00	79.00 4.08 -0.70	90.53 4.72 0.00	81.41 4.15 -0.34	74.36 3.67 0.00	65.72 3.13 0.00	58.88 2.70 0.00	57.02 2.46 0.00
ROSETON___2 23588	69.82 1.90 0.00	69.15 1.95 0.00	66.75 1.88 0.00	62.36 1.76 0.00	66.77 1.94 0.00	69.26 2.15 0.00	81.58 3.14 0.00	92.00 3.99 -1.26	72.32 3.18 0.00	68.19 3.12 0.00	63.56 2.85 0.00	60.15 2.81 0.00	58.80 2.53 0.00	57.29 2.52 0.00	58.69 2.69 0.00	58.23 2.77 0.00	67.38 3.33 0.00	79.00 4.08 -0.70	90.53 4.72 0.00	81.41 4.15 -0.34	74.36 3.67 0.00	65.72 3.13 0.00	58.88 2.70 0.00	57.02 2.46 0.00
ROTTRDAM_115KV_TB3 80664	69.89 1.97 0.00	69.15 1.95 0.00	66.75 1.88 0.00	62.42 1.82 0.00	66.77 1.94 0.00	69.20 2.08 0.00	81.19 2.75 0.00	104.60 3.04 -14.81	71.42 2.28 0.00	67.74 2.67 0.00	63.14 2.43 0.00	59.69 2.35 0.00	58.01 1.74 0.00	56.52 1.75 0.00	57.85 1.85 0.00	57.39 1.94 0.00	66.36 2.31 0.00	80.32 2.89 -3.21	89.25 3.43 0.00	84.12 3.00 -4.20	73.37 2.69 0.00	64.90 2.32 0.00	58.20 2.02 0.00	56.47 1.91 0.00
RUSSELL___1 23602	64.12 -3.80 0.00	62.96 -4.23 0.00	60.91 -3.96 0.00	57.09 -3.52 0.00	60.93 -3.89 0.00	63.56 -3.56 0.00	73.42 -5.02 0.00	80.94 -5.81 0.00	64.58 -4.56 0.00	60.97 -4.10 0.00	56.76 -3.95 0.00	53.61 -3.73 0.00	52.78 -3.49 0.00	51.48 -3.29 0.00	52.58 -3.42 0.00	51.95 -3.49 0.00	59.49 -4.29 0.28	68.90 -4.90 0.42	77.70 -5.32 2.80	65.42 -5.08 6.42	65.25 -4.67 0.77	58.77 -3.82 0.00	52.98 -3.20 0.00	51.83 -2.73 0.00
RUSSELL___2 23532	64.12 -3.80 0.00	62.96 -4.23 0.00	60.91 -3.96 0.00	57.09 -3.52 0.00	60.93 -3.89 0.00	63.56 -3.56 0.00	73.42 -5.02 0.00	80.94 -5.81 0.00	64.58 -4.56 0.00	60.97 -4.10 0.00	56.76 -3.95 0.00	53.61 -3.73 0.00	52.78 -3.49 0.00	51.48 -3.29 0.00	52.58 -3.42 0.00	51.95 -3.49 0.00	59.49 -4.29 0.28	68.90 -4.90 0.42	77.70 -5.32 2.80	65.42 -5.08 6.42	65.25 -4.67 0.77	58.77 -3.82 0.00	52.98 -3.20 0.00	51.83 -2.73 0.00
RUSSELL___3 23549	64.12 -3.80 0.00	62.96 -4.23 0.00	60.91 -3.96 0.00	57.09 -3.52 0.00	60.93 -3.89 0.00	63.56 -3.56 0.00	73.42 -5.02 0.00	80.94 -5.81 0.00	64.58 -4.56 0.00	60.97 -4.10 0.00	56.76 -3.95 0.00	53.61 -3.73 0.00	52.78 -3.49 0.00	51.48 -3.29 0.00	52.58 -3.42 0.00	51.95 -3.49 0.00	59.49 -4.29 0.28	68.90 -4.90 0.42	77.70 -5.32 2.80	65.42 -5.08 6.42	65.25 -4.67 0.77	58.77 -3.82 0.00	52.98 -3.20 0.00	51.83 -2.73 0.00
RUSSELL___4 23556	64.12 -3.80 0.00	62.96 -4.23 0.00	60.91 -3.96 0.00	57.09 -3.52 0.00	60.93 -3.89 0.00	63.56 -3.56 0.00	73.42 -5.02 0.00	80.94 -5.81 0.00	64.58 -4.56 0.00	60.97 -4.10 0.00	56.76 -3.95 0.00	53.61 -3.73 0.00	52.78 -3.49 0.00	51.48 -3.29 0.00	52.58 -3.42 0.00	51.95 -3.49 0.00	59.49 -4.29 0.28	68.90 -4.90 0.42	77.70 -5.32 2.80	65.42 -5.08 6.42	65.25 -4.67 0.77	58.77 -3.82 0.00	52.98 -3.20 0.00	51.83 -2.73 0.00
RUSSELL___STATION 23914	64.12 -3.80 0.00	62.96 -4.23 0.00	60.91 -3.96 0.00	57.09 -3.52 0.00	60.93 -3.89 0.00	63.56 -3.56 0.00	73.42 -5.02 0.00	80.94 -5.81 0.00	64.58 -4.56 0.00	60.97 -4.10 0.00	56.76 -3.95 0.00	53.61 -3.73 0.00	52.78 -3.49 0.00	51.48 -3.29 0.00	52.58 -3.42 0.00	51.95 -3.49 0.00	59.49 -4.29 0.28	68.90 -4.90 0.42	77.70 -5.32 2.80	65.42 -5.08 6.42	65.25 -4.67 0.77	58.77 -3.82 0.00	52.98 -3.20 0.00	51.83 -2.73 0.00
S SALMON___HYD 24043	68.13 0.20 0.00	67.20 0.00 0.00	64.87 0.00 0.00	60.66 0.06 0.00	64.89 0.06 0.00	67.59 0.47 0.00	79.07 0.62 0.00	87.01 0.26 0.00	69.42 0.28 0.00	65.13 0.07 0.00	60.77 0.06 0.00	57.51 0.17 0.00	56.66 0.40 0.00	55.31 0.55 0.00	56.56 0.56 0.00	56.12 0.67 0.00	64.95 0.90 0.00	75.11 0.89 0.00	86.76 0.95 0.00	77.92 1.00 0.00	71.46 0.78 0.00	63.53 0.94 0.00	56.97 0.79 0.00	55.16 0.60 0.00
S.PERRY__115KV_TB1 80734	66.50 -1.43 0.00	65.18 -2.02 0.00	63.05 -1.82 0.00	59.15 -1.45 0.00	63.14 -1.69 0.00	65.91 -1.21 0.00	76.32 -2.12 0.00	84.15 -2.60 0.00	66.72 -2.42 0.00	62.53 -2.54 0.00	57.98 -2.73 0.00	54.65 -2.69 0.00	53.74 -2.53 0.00	52.36 -2.41 0.00	53.48 -2.52 0.00	53.00 -2.44 0.01	60.87 -2.50 0.69	70.87 -2.45 0.90	76.51 -2.40 6.90	58.56 -2.54 15.82	66.37 -2.40 1.91	60.58 -2.00 0.00	54.55 -1.63 0.00	53.41 -1.15 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	61.95 -5.98 0.00	60.81 -6.38 0.00	59.03 -5.84 0.00	55.27 -5.33 0.00	58.86 -5.96 0.00	61.28 -5.84 0.00	69.97 -8.47 0.00	76.60 -10.15 0.00	61.33 -7.81 0.00	58.11 -6.96 0.00	54.03 -6.68 0.00	51.15 -6.19 0.00	50.30 -5.96 0.00	49.12 -5.64 0.00	50.06 -5.94 0.00	49.35 -6.10 0.01	55.98 -7.62 0.46	64.90 -8.76 0.56	71.46 -9.87 4.49	57.52 -9.15 10.25	61.22 -8.20 1.26	55.64 -6.95 0.00	50.56 -5.62 0.00	50.09 -4.47 0.00



SAWYER___23_KV_LOAD 55526	61.95 -5.98 0.00	60.81 -6.38 0.00	59.03 -5.84 0.00	55.27 -5.33 0.00	58.86 -5.96 0.00	61.28 -5.84 0.00	69.97 -8.47 0.00	76.60 -10.15 0.00	61.33 -7.81 0.00	58.11 -6.96 0.00	54.03 -6.68 0.00	51.15 -6.19 0.00	50.30 -5.96 0.00	49.12 -5.64 0.00	50.06 -5.94 0.00	49.35 -6.10 0.01	55.98 -7.62 0.46	64.90 -8.76 0.56	71.46 -9.87 4.49	57.52 -9.15 10.25	61.22 -8.20 1.26	55.64 -6.95 0.00	50.56 -5.62 0.00	50.09 -4.47 0.00
SELKIRK___I 23801	70.03 2.11 0.00	69.35 2.15 0.00	66.94 2.08 0.00	62.54 1.94 0.00	66.96 2.14 0.00	69.33 2.21 0.00	81.11 2.67 0.00	94.37 2.78 -4.85	71.35 2.21 0.00	67.41 2.34 0.00	62.83 2.12 0.00	59.46 2.12 0.00	58.01 1.75 0.00	56.52 1.75 0.00	57.91 1.91 0.00	57.23 1.77 0.00	66.17 2.11 0.00	78.17 2.52 -1.43	88.65 2.83 0.00	80.85 2.62 -1.31	73.22 2.54 0.00	64.78 2.19 0.00	58.09 1.91 0.00	56.63 2.07 0.00
SELKIRK___II 23799	69.62 1.70 0.00	69.01 1.82 0.00	66.62 1.75 0.00	62.24 1.64 0.00	66.64 1.81 0.00	68.99 1.88 0.00	80.79 2.35 0.00	94.43 2.52 -5.17	71.15 2.01 0.00	67.28 2.21 0.00	62.77 2.07 0.00	59.35 2.01 0.00	57.90 1.63 0.00	56.41 1.64 0.00	57.74 1.74 0.00	57.06 1.61 0.00	65.98 1.92 0.00	78.01 2.30 -1.49	88.39 2.57 0.00	80.71 2.39 -1.40	72.88 2.19 0.00	64.53 1.94 0.00	57.81 1.63 0.00	56.36 1.80 0.00
SENECA OSWGO___HYD 24041	67.11 -0.81 0.00	66.19 -1.01 0.00	64.02 -0.85 0.00	59.81 -0.79 0.00	64.05 -0.77 0.00	66.58 -0.54 0.00	77.97 -0.47 0.00	86.32 -0.43 0.00	68.66 -0.48 0.00	64.42 -0.65 0.00	60.10 -0.61 0.00	56.82 -0.52 0.00	55.99 -0.28 0.00	54.55 -0.22 0.00	55.78 -0.22 0.00	55.29 -0.17 0.00	63.93 -0.13 0.00	74.14 -0.07 0.00	85.90 0.09 0.00	76.92 0.00 0.00	70.54 -0.14 0.00	62.53 -0.06 0.00	56.12 -0.06 0.00	54.40 -0.16 0.00
SENECA___115KV_TB3 355854	63.24 -4.69 0.00	62.02 -5.17 0.00	60.20 -4.67 0.00	56.36 -4.24 0.00	59.96 -4.86 0.00	62.49 -4.63 0.00	71.54 -6.90 0.00	78.25 -8.50 0.00	62.78 -6.36 0.00	59.47 -5.60 0.00	55.25 -5.46 0.00	52.24 -5.10 0.00	51.43 -4.84 0.00	50.16 -4.60 0.00	51.07 -4.93 0.01	50.40 -5.05 0.01	57.16 -6.41 0.49	66.33 -7.27 0.61	72.79 -8.15 4.87	58.16 -7.62 11.14	62.54 -6.79 1.36	56.77 -5.82 0.00	51.52 -4.66 0.00	51.01 -3.55 0.00
SENECA___ENERGY 23797	65.82 -2.11 0.00	64.84 -2.35 0.00	62.79 -2.08 0.00	58.73 -1.88 0.00	62.88 -1.94 0.00	65.24 -1.88 0.00	76.25 -2.20 0.00	84.49 -2.26 0.00	67.00 -2.14 0.00	63.05 -2.02 0.00	58.64 -2.06 0.00	55.39 -1.95 0.00	54.46 -1.80 0.00	53.01 -1.75 0.00	54.21 -1.79 0.00	53.68 -1.78 0.00	62.05 -1.92 0.09	72.10 -2.08 0.04	82.69 -2.23 0.90	72.80 -2.07 2.05	68.32 -2.12 0.25	60.77 -1.82 0.00	54.67 -1.51 0.00	53.20 -1.36 0.00
SHOEMAKER___GT 23640	69.49 1.56 0.00	68.74 1.55 0.00	66.42 1.55 0.00	62.06 1.45 0.00	66.45 1.62 0.00	68.93 1.81 0.00	81.11 2.67 0.00	91.31 3.38 -1.18	71.77 2.63 0.00	67.60 2.54 0.00	62.96 2.25 0.00	59.57 2.23 0.00	58.24 1.97 0.00	56.73 1.97 0.00	58.13 2.13 0.00	57.67 2.22 0.00	66.81 2.75 0.00	78.28 3.42 -0.65	89.85 4.03 0.00	80.78 3.54 -0.32	73.79 3.11 0.00	65.22 2.63 0.00	58.43 2.25 0.00	56.63 2.07 0.00
SHOEMAKR_138KV_BK 111 55601	69.42 1.49 0.00	68.74 1.55 0.00	66.36 1.49 0.00	62.00 1.39 0.00	66.38 1.56 0.00	68.86 1.75 0.00	81.03 2.59 0.00	91.13 3.21 -1.17	71.77 2.63 0.00	67.54 2.47 0.00	62.96 2.25 0.00	59.58 2.24 0.00	58.24 1.97 0.00	56.74 1.97 0.00	58.13 2.13 0.00	57.73 2.27 0.00	66.75 2.69 0.00	78.27 3.41 -0.64	89.77 3.95 0.00	80.77 3.54 -0.31	73.79 3.11 0.00	65.22 2.63 0.00	58.48 2.30 0.00	56.58 2.02 0.00
SHOREHAM_IC_1 23715	97.28 4.89 -24.46	95.34 4.90 -23.24	89.56 4.73 -19.96	89.44 4.42 -24.42	92.75 4.86 -23.06	110.09 5.43 -37.54	134.94 6.98 -49.52	135.82 8.25 -40.83	108.99 6.50 -33.36	89.24 5.92 -18.25	75.24 5.16 -9.37	62.21 4.87 0.00	60.66 4.39 0.00	58.98 4.22 0.00	75.24 4.65 -14.60	80.43 4.93 -20.04	88.77 5.77 -18.95	130.42 7.28 -48.93	133.07 8.32 -38.93	128.41 7.31 -44.18	111.35 6.57 -34.09	97.86 5.64 -29.64	91.30 4.77 -30.34	80.36 4.47 -21.33
SHOREHAM_IC_2 23716	97.28 4.89 -24.46	95.34 4.90 -23.24	89.56 4.73 -19.96	89.44 4.42 -24.42	92.75 4.86 -23.06	110.09 5.43 -37.54	134.94 6.98 -49.52	135.82 8.25 -40.83	108.99 6.50 -33.36	89.24 5.92 -18.25	75.24 5.16 -9.37	62.21 4.87 0.00	60.66 4.39 0.00	58.98 4.22 0.00	75.24 4.65 -14.60	80.43 4.93 -20.04	88.77 5.77 -18.95	130.42 7.28 -48.93	133.07 8.32 -38.93	128.41 7.31 -44.18	111.35 6.57 -34.09	97.86 5.64 -29.64	91.30 4.77 -30.34	80.36 4.47 -21.33
SISSONVILLE____ 23735	70.71 2.78 0.00	70.02 2.82 0.00	67.40 2.53 0.00	62.85 2.24 0.00	66.90 2.07 0.00	71.61 4.50 0.00	82.36 3.92 0.00	89.52 2.78 0.00	71.35 2.21 0.00	66.96 1.89 0.00	62.89 2.19 0.00	59.63 2.29 0.00	59.59 3.32 0.00	58.54 3.78 0.00	59.64 3.64 0.00	58.89 3.44 0.00	67.64 3.59 0.00	76.89 2.67 0.00	87.96 2.15 0.00	79.07 2.15 0.00	73.44 2.76 0.00	66.09 3.50 0.00	59.83 3.65 0.00	58.00 3.44 0.00
SITHE_IND_GS1 24169	64.87 -3.06 0.00	64.11 -3.09 0.00	61.95 -2.92 0.00	57.88 -2.73 0.00	61.91 -2.92 0.00	64.16 -2.95 0.00	74.99 -3.45 0.00	83.02 -3.73 0.00	66.10 -3.04 0.00	62.21 -2.86 0.00	57.98 -2.73 0.00	54.82 -2.52 0.00	53.85 -2.42 0.00	52.41 -2.35 0.00	53.65 -2.35 0.00	53.13 -2.33 0.00	61.30 -2.75 0.00	71.03 -3.19 0.00	82.22 -3.60 0.00	73.69 -3.23 0.00	67.65 -3.04 0.00	59.96 -2.63 0.00	53.87 -2.31 0.00	52.32 -2.24 0.00
SITHE_IND_GS2 24170	64.87 -3.06 0.00	64.11 -3.09 0.00	61.95 -2.92 0.00	57.88 -2.73 0.00	61.91 -2.92 0.00	64.16 -2.95 0.00	74.99 -3.45 0.00	83.02 -3.73 0.00	66.10 -3.04 0.00	62.21 -2.86 0.00	57.98 -2.73 0.00	54.82 -2.52 0.00	53.85 -2.42 0.00	52.41 -2.35 0.00	53.65 -2.35 0.00	53.13 -2.33 0.00	61.30 -2.75 0.00	71.03 -3.19 0.00	82.22 -3.60 0.00	73.69 -3.23 0.00	67.65 -3.04 0.00	59.96 -2.63 0.00	53.87 -2.31 0.00	52.32 -2.24 0.00
SITHE_IND_GS3 24171	64.87 -3.06 0.00	64.11 -3.09 0.00	61.95 -2.92 0.00	57.88 -2.73 0.00	61.91 -2.92 0.00	64.16 -2.95 0.00	74.99 -3.45 0.00	83.02 -3.73 0.00	66.10 -3.04 0.00	62.21 -2.86 0.00	57.98 -2.73 0.00	54.82 -2.52 0.00	53.85 -2.42 0.00	52.41 -2.35 0.00	53.65 -2.35 0.00	53.13 -2.33 0.00	61.30 -2.75 0.00	71.03 -3.19 0.00	82.22 -3.60 0.00	73.69 -3.23 0.00	67.65 -3.04 0.00	59.96 -2.63 0.00	53.87 -2.31 0.00	52.32 -2.24 0.00
SITHE_IND_GS4 24172	64.87 -3.06 0.00	64.11 -3.09 0.00	61.95 -2.92 0.00	57.88 -2.73 0.00	61.91 -2.92 0.00	64.16 -2.95 0.00	74.99 -3.45 0.00	83.02 -3.73 0.00	66.10 -3.04 0.00	62.21 -2.86 0.00	57.98 -2.73 0.00	54.82 -2.52 0.00	53.85 -2.42 0.00	52.41 -2.35 0.00	53.65 -2.35 0.00	53.13 -2.33 0.00	61.30 -2.75 0.00	71.03 -3.19 0.00	82.22 -3.60 0.00	73.69 -3.23 0.00	67.65 -3.04 0.00	59.96 -2.63 0.00	53.87 -2.31 0.00	52.32 -2.24 0.00



SITHE___BATAVIA 24024	63.17 -4.76 0.00	61.89 -5.31 0.00	60.13 -4.73 0.00	56.30 -4.30 0.00	60.03 -4.80 0.00	62.55 -4.57 0.00	72.09 -6.35 0.00	79.64 -7.11 0.00	63.33 -5.81 0.00	59.73 -5.33 0.00	55.43 -5.28 0.00	52.41 -4.93 0.00	51.60 -4.67 0.00	50.38 -4.38 0.00	51.35 -4.65 0.00	50.73 -4.71 0.01	57.98 -5.70 0.37	67.54 -6.23 0.45	75.20 -6.95 3.67	62.06 -6.46 8.40	63.80 -5.87 1.02	57.46 -5.13 0.00	52.36 -3.82 0.00	51.23 -3.33 0.00
SITHE___INDEPEND 23800	64.87 -3.06 0.00	64.11 -3.09 0.00	61.88 -2.98 0.00	57.88 -2.73 0.00	61.91 -2.92 0.00	64.23 -2.89 0.00	74.99 -3.45 0.00	82.93 -3.82 0.00	66.10 -3.04 0.00	62.21 -2.86 0.00	57.98 -2.73 0.00	54.82 -2.52 0.00	53.85 -2.42 0.00	52.41 -2.35 0.00	53.65 -2.35 0.00	53.12 -2.33 0.00	61.30 -2.75 0.00	71.10 -3.12 0.00	82.21 -3.60 0.00	73.61 -3.31 0.00	67.64 -3.04 0.00	59.96 -2.63 0.00	53.82 -2.36 0.00	52.32 -2.24 0.00
SITHE___MASSENA 23902	70.23 2.31 0.00	69.55 2.35 0.00	67.00 2.14 0.00	62.49 1.88 0.00	66.71 1.88 0.00	68.59 1.47 0.00	79.46 1.02 0.00	87.01 0.26 0.00	69.76 0.62 0.00	65.59 0.52 0.00	61.19 0.48 0.00	57.74 0.40 0.00	56.77 0.51 0.00	55.20 0.44 0.00	56.34 0.34 0.00	55.68 0.22 0.00	64.18 0.13 0.00	73.92 -0.30 0.00	85.13 -0.69 0.00	76.61 -0.31 0.00	70.68 0.00 0.00	62.71 0.13 0.00	56.41 0.23 0.00	54.72 0.16 0.00
SITHE___OGDNSBRG 24021	71.66 3.74 0.00	70.96 3.76 0.00	68.30 3.44 0.00	63.76 3.15 0.00	67.94 3.11 0.00	71.14 4.03 0.00	82.13 3.69 0.00	89.61 2.86 0.00	71.42 2.28 0.00	67.02 1.95 0.00	62.65 1.94 0.00	59.12 1.78 0.00	58.63 2.36 0.00	57.28 2.52 0.00	58.46 2.46 0.00	57.73 2.27 0.00	66.62 2.56 0.00	76.29 2.08 0.00	87.71 1.89 0.00	78.84 1.92 0.00	73.02 2.33 0.00	65.15 2.57 0.00	58.71 2.53 0.00	56.91 2.35 0.00
SITHE___STERLING 23777	69.42 1.49 0.00	68.67 1.48 0.00	66.29 1.43 0.00	62.00 1.39 0.00	66.32 1.49 0.00	69.06 1.95 0.00	80.88 2.43 0.00	89.35 2.60 0.00	71.15 2.01 0.00	66.57 1.50 0.00	62.04 1.33 0.00	58.55 1.21 0.00	57.73 1.46 0.00	56.30 1.53 0.00	57.57 1.57 0.00	57.12 1.66 0.00	66.10 2.05 0.00	76.59 2.37 0.00	88.65 2.83 0.00	79.45 2.53 0.00	72.88 2.19 0.00	64.46 1.88 0.00	57.75 1.57 0.00	56.03 1.47 0.00
SLEIGHT__34_KV_TB1 80719	64.66 -3.26 0.00	63.57 -3.63 0.00	61.49 -3.37 0.00	57.57 -3.03 0.00	61.58 -3.24 0.00	64.10 -3.02 0.00	74.60 -3.84 0.00	82.41 -4.34 0.00	65.68 -3.46 0.00	61.88 -3.19 0.00	57.61 -3.10 0.00	54.47 -2.87 0.00	53.57 -2.70 0.00	52.19 -2.57 0.00	53.37 -2.63 0.00	52.79 -2.66 0.00	60.77 -3.14 0.15	70.36 -3.64 0.22	80.39 -3.95 1.48	69.75 -3.77 3.40	66.74 -3.53 0.41	59.58 -3.00 0.00	53.60 -2.58 0.00	52.27 -2.29 0.00
SOUTH CAIRO___GT 23612	72.68 4.75 0.00	71.83 4.64 0.00	69.47 4.61 0.00	64.85 4.24 0.00	69.56 4.73 0.00	72.08 4.97 0.00	84.40 5.96 0.00	96.31 5.03 -4.53	73.43 4.29 0.00	69.04 3.97 0.00	64.05 3.34 0.00	60.55 3.21 0.00	58.91 2.64 0.00	57.34 2.57 0.00	58.86 2.86 0.00	58.39 2.94 0.00	67.90 3.84 0.00	80.17 4.60 -1.36	91.82 6.01 0.00	82.53 4.46 -1.15	75.42 4.74 0.00	66.66 4.07 0.00	59.83 3.65 0.00	58.54 3.98 0.00
SOUTH HAMPTN___IC 23720	97.96 5.57 -24.46	96.08 5.65 -23.24	90.27 5.45 -19.96	90.11 5.09 -24.42	93.46 5.58 -23.06	110.82 6.17 -37.54	135.88 7.92 -49.52	136.86 9.29 -40.83	109.75 7.26 -33.36	89.83 6.51 -18.25	75.66 5.58 -9.37	62.56 5.22 0.00	60.93 4.67 0.00	59.20 4.43 0.00	75.36 4.76 -14.60	80.54 5.05 -20.04	88.89 5.89 -18.95	130.63 7.49 -48.93	133.25 8.50 -38.93	128.48 7.39 -44.18	111.42 6.64 -34.09	97.86 5.64 -29.64	91.30 4.77 -30.34	80.47 4.58 -21.33
SOUTHDOW_115KV_TB1 355954	66.02 -1.90 0.00	64.64 -2.55 0.00	62.79 -2.08 0.00	58.66 -1.94 0.00	62.56 -2.27 0.00	65.30 -1.81 0.00	75.07 -3.37 0.00	82.24 -4.51 0.00	66.17 -2.97 0.00	62.53 -2.54 0.00	57.92 -2.79 0.00	54.87 -2.47 0.00	53.57 -2.70 0.00	52.25 -2.52 0.00	53.48 -2.52 0.00	52.73 -2.72 0.01	59.77 -3.72 0.57	69.42 -4.08 0.71	75.77 -4.38 5.67	59.57 -4.38 12.97	65.36 -3.75 1.58	59.21 -3.38 0.00	53.54 -2.64 0.00	53.03 -1.53 0.00
SOUTHOLD_69_KV_BK 2 55809	98.97 6.59 -24.46	97.09 6.65 -23.24	91.31 6.49 -19.96	91.08 6.06 -24.42	94.50 6.61 -23.06	111.97 7.32 -37.54	137.22 9.26 -49.52	138.25 10.67 -40.83	110.79 8.30 -33.36	90.68 7.35 -18.25	76.21 6.13 -9.37	62.96 5.62 0.00	61.22 4.95 0.00	59.37 4.60 0.00	75.42 4.82 -14.60	80.60 5.10 -20.04	88.83 5.83 -18.95	130.78 7.64 -48.93	133.08 8.32 -38.93	128.32 7.23 -44.17	111.14 6.36 -34.09	97.61 5.38 -29.64	91.08 4.55 -30.34	80.47 4.58 -21.33
SOUTHOLD___IC 23719	98.97 6.59 -24.46	97.09 6.65 -23.24	91.31 6.49 -19.96	91.08 6.06 -24.42	94.50 6.62 -23.06	112.04 7.38 -37.54	137.22 9.25 -49.52	138.33 10.75 -40.83	110.79 8.29 -33.36	90.67 7.35 -18.25	76.28 6.20 -9.37	62.96 5.62 0.00	61.22 4.95 0.00	59.37 4.60 0.00	75.42 4.82 -14.60	80.54 5.05 -20.04	88.83 5.83 -18.95	130.79 7.65 -48.93	133.07 8.32 -38.93	128.33 7.23 -44.18	111.14 6.36 -34.09	97.61 5.38 -29.64	91.02 4.50 -30.34	80.47 4.58 -21.33
SOUTH_FORK_WT_PWR 323839	99.05 6.66 -24.46	97.22 6.78 -23.24	91.44 6.62 -19.96	91.21 6.18 -24.42	94.63 6.74 -23.06	112.10 7.45 -37.54	137.37 9.41 -49.52	138.42 10.84 -40.83	110.79 8.29 -33.36	90.74 7.42 -18.25	76.15 6.07 -9.37	62.79 5.45 0.00	60.99 4.73 0.00	59.04 4.27 0.00	74.97 4.37 -14.60	80.10 4.60 -20.04	88.19 5.19 -18.95	130.11 6.97 -48.93	131.96 7.21 -38.93	127.25 6.16 -44.18	110.15 5.37 -34.09	96.73 4.51 -29.64	90.23 3.71 -30.34	79.87 3.98 -21.33
SPIERFLS_115KV_TB 1 80737	72.75 4.82 0.00	71.97 4.77 0.00	69.41 4.54 0.00	64.91 4.30 0.00	69.56 4.73 0.00	72.22 5.10 0.00	84.95 6.51 0.00	109.60 9.72 -13.14	76.68 7.54 0.00	72.55 7.48 0.00	67.33 6.62 0.00	63.70 6.36 0.00	61.95 5.68 0.00	60.24 5.48 0.00	61.71 5.71 0.00	61.39 5.93 0.00	70.85 6.79 0.00	85.91 8.76 -2.94	96.20 10.38 0.00	89.64 9.00 -3.72	78.74 8.06 0.00	69.72 7.13 0.00	62.36 6.18 0.00	60.51 5.95 0.00
ST LAWRENCE____ 23600	69.01 1.08 0.00	68.34 1.14 0.00	65.84 0.97 0.00	61.45 0.85 0.00	65.61 0.78 0.00	67.72 0.60 0.00	78.60 0.16 0.00	86.40 -0.35 0.00	69.14 0.00 0.00	65.00 -0.07 0.00	60.71 0.00 0.00	57.23 -0.11 0.00	56.27 0.00 0.00	54.60 -0.16 0.00	55.72 -0.28 0.00	55.07 -0.39 0.00	63.54 -0.51 0.00	73.25 -0.97 0.00	84.53 -1.28 0.00	75.92 -1.00 0.00	69.98 -0.71 0.00	62.02 -0.56 0.00	55.73 -0.45 0.00	54.12 -0.44 0.00
STATE_CA_115KV_115_LB 55624	70.10 2.17 0.00	69.41 2.22 0.00	67.01 2.14 0.00	62.60 2.00 0.00	67.03 2.20 0.00	69.47 2.35 0.00	81.34 2.90 0.00	98.85 3.04 -9.07	71.56 2.42 0.00	67.87 2.80 0.00	63.32 2.61 0.00	59.92 2.58 0.00	58.35 2.08 0.00	56.85 2.08 0.00	58.18 2.18 0.00	57.39 1.94 0.00	66.23 2.18 0.00	79.15 2.75 -2.19	88.82 3.00 0.00	82.25 2.85 -2.48	73.30 2.62 0.00	64.84 2.25 0.00	58.15 1.97 0.00	56.74 2.18 0.00



STATE_ST_34_KV_LOAD 55959	66.77 -1.15 0.00	65.85 -1.34 0.00	63.63 -1.23 0.00	59.51 -1.09 0.00	63.72 -1.10 0.00	66.24 -0.87 0.00	77.50 -0.94 0.00	85.79 -0.95 0.00	68.24 -0.90 0.00	64.09 -0.98 0.00	59.74 -0.97 0.00	56.42 -0.92 0.00	55.42 -0.84 0.00	53.94 -0.82 0.00	55.16 -0.84 0.00	54.68 -0.78 0.00	63.53 -0.70 -0.18	73.91 -0.67 -0.36	87.02 -0.60 -1.80	80.43 -0.62 -4.12	70.47 -0.71 -0.50	61.90 -0.69 0.00	55.56 -0.62 0.00	53.96 -0.60 0.00
STATION 5_MISC_HYD 23604	63.78 -4.15 0.00	62.70 -4.50 0.00	60.71 -4.15 0.00	56.85 -3.76 0.00	60.67 -4.15 0.00	63.09 -4.03 0.00	72.95 -5.49 0.00	80.76 -5.98 0.00	64.30 -4.84 0.00	60.58 -4.49 0.00	56.40 -4.31 0.00	53.32 -4.02 0.00	52.50 -3.77 0.00	51.15 -3.62 0.00	52.25 -3.75 0.00	51.68 -3.77 0.00	59.10 -4.67 0.28	68.46 -5.34 0.42	77.10 -5.92 2.80	65.04 -5.46 6.42	64.89 -5.02 0.77	58.39 -4.19 0.00	52.87 -3.31 0.00	51.61 -2.95 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	65.27 -2.65 0.00	64.17 -3.02 0.00	62.08 -2.79 0.00	58.18 -2.42 0.00	62.17 -2.66 0.00	64.77 -2.35 0.00	75.23 -3.22 0.00	83.02 -3.73 0.00	66.10 -3.04 0.00	62.27 -2.80 0.00	57.92 -2.79 0.00	54.70 -2.64 0.00	53.79 -2.48 0.00	52.41 -2.35 0.00	53.54 -2.46 0.00	53.01 -2.44 0.01	60.87 -2.82 0.36	70.57 -3.19 0.45	78.82 -3.35 3.65	65.32 -3.23 8.37	66.56 -3.11 1.01	60.02 -2.57 0.00	53.99 -2.19 0.00	52.71 -1.86 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	63.58 -4.35 0.00	62.49 -4.70 0.00	60.46 -4.41 0.00	56.66 -3.94 0.00	60.55 -4.28 0.00	63.02 -4.09 0.00	72.87 -5.57 0.00	80.42 -6.33 0.00	64.16 -4.98 0.00	60.51 -4.55 0.00	56.40 -4.31 0.00	53.27 -4.07 0.00	52.38 -3.88 0.00	51.10 -3.67 0.00	52.19 -3.81 0.00	51.62 -3.83 0.00	59.11 -4.68 0.27	68.46 -5.34 0.41	77.16 -5.92 2.74	65.02 -5.62 6.28	64.77 -5.16 0.76	58.27 -4.32 0.00	52.58 -3.60 0.00	51.45 -3.11 0.00
STA_56___34_KV_BUS2 355983	63.58 -4.35 0.00	62.49 -4.70 0.00	60.46 -4.41 0.00	56.66 -3.94 0.00	60.55 -4.28 0.00	63.02 -4.09 0.00	72.87 -5.57 0.00	80.42 -6.33 0.00	64.16 -4.98 0.00	60.51 -4.55 0.00	56.40 -4.31 0.00	53.27 -4.07 0.00	52.38 -3.88 0.00	51.10 -3.67 0.00	52.19 -3.81 0.00	51.62 -3.83 0.00	59.11 -4.68 0.27	68.46 -5.34 0.41	77.16 -5.92 2.74	65.02 -5.62 6.28	64.77 -5.16 0.76	58.27 -4.32 0.00	52.58 -3.60 0.00	51.45 -3.11 0.00
STA_67___115KV_BK2 355882	63.64 -4.28 0.00	62.56 -4.64 0.00	60.52 -4.35 0.00	56.73 -3.88 0.00	60.55 -4.28 0.00	63.09 -4.03 0.00	72.79 -5.65 0.00	80.24 -6.51 0.00	64.02 -5.12 0.00	60.45 -4.62 0.00	56.28 -4.43 0.00	53.21 -4.13 0.00	52.33 -3.94 0.00	51.04 -3.72 0.00	52.14 -3.86 0.00	51.51 -3.94 0.00	58.91 -4.87 0.28	68.31 -5.49 0.41	76.93 -6.09 2.79	64.75 -5.77 6.40	64.61 -5.30 0.77	58.21 -4.38 0.00	52.53 -3.65 0.00	51.45 -3.11 0.00
STA_7___115KV_9TRANS 80674	64.12 -3.80 0.00	62.96 -4.23 0.00	60.91 -3.96 0.00	57.09 -3.52 0.00	60.93 -3.89 0.00	63.56 -3.56 0.00	73.42 -5.02 0.00	80.94 -5.81 0.00	64.58 -4.56 0.00	60.97 -4.10 0.00	56.76 -3.95 0.00	53.61 -3.73 0.00	52.78 -3.49 0.00	51.48 -3.29 0.00	52.58 -3.42 0.00	51.95 -3.49 0.00	59.49 -4.29 0.28	68.90 -4.90 0.42	77.70 -5.32 2.80	65.42 -5.08 6.42	65.25 -4.67 0.77	58.77 -3.82 0.00	52.98 -3.20 0.00	51.83 -2.73 0.00
STA_82___115KV_TB1 80780	63.64 -4.28 0.00	62.56 -4.64 0.00	60.52 -4.35 0.00	56.73 -3.88 0.00	60.61 -4.21 0.00	63.09 -4.03 0.00	72.79 -5.65 0.00	80.24 -6.51 0.00	64.09 -5.05 0.00	60.45 -4.62 0.00	56.28 -4.43 0.00	53.21 -4.13 0.00	52.33 -3.94 0.00	51.04 -3.72 0.00	52.14 -3.86 0.00	51.57 -3.88 0.01	58.97 -4.80 0.28	68.30 -5.49 0.42	76.89 -6.09 2.83	64.74 -5.69 6.49	64.67 -5.23 0.78	58.21 -4.38 0.00	52.53 -3.65 0.00	51.45 -3.11 0.00
STEEL___WIND 323596	63.10 -4.82 0.00	61.96 -5.24 0.00	60.26 -4.60 0.00	56.24 -4.36 0.00	59.90 -4.93 0.00	62.22 -4.90 0.00	71.38 -7.06 0.00	78.59 -8.16 0.00	62.78 -6.36 0.00	59.34 -5.73 0.00	55.06 -5.64 0.00	52.12 -5.22 0.00	51.32 -4.95 0.00	50.05 -4.71 0.00	50.96 -5.04 0.00	50.29 -5.16 0.01	57.03 -6.53 0.49	66.19 -7.42 0.61	72.54 -8.41 4.87	58.01 -7.77 11.14	62.40 -6.92 1.36	56.64 -5.95 0.00	51.74 -4.44 0.00	50.91 -3.66 0.00
STEPHTWN_115KV_BK_2 55603	70.64 2.72 0.00	69.95 2.76 0.00	67.53 2.66 0.00	63.09 2.48 0.00	67.55 2.72 0.00	70.07 2.95 0.00	82.05 3.61 0.00	96.72 3.73 -6.24	72.04 2.90 0.00	68.19 3.12 0.00	63.62 2.91 0.00	60.15 2.81 0.00	58.63 2.36 0.00	57.12 2.35 0.00	58.46 2.46 0.00	57.73 2.27 0.00	66.68 2.63 0.00	79.16 3.27 -1.68	89.42 3.60 0.00	81.93 3.38 -1.62	73.79 3.11 0.00	65.28 2.69 0.00	58.48 2.30 0.00	57.12 2.56 0.00
STEUBEN_REC_LFGE 323667	66.36 -1.56 0.00	65.05 -2.15 0.00	63.11 -1.75 0.00	58.97 -1.64 0.00	62.94 -1.88 0.00	65.51 -1.61 0.00	75.78 -2.67 0.00	83.47 -3.64 -0.36	66.17 -2.97 0.00	62.14 -2.93 0.00	57.55 -3.16 0.00	54.19 -3.15 0.00	53.29 -2.98 0.00	51.81 -2.96 0.00	52.81 -3.19 0.00	52.10 -3.33 0.03	58.84 -3.65 1.56	68.12 -3.93 2.16	65.58 -4.55 15.69	36.60 -4.46 35.86	62.18 -4.17 4.34	58.90 -3.69 0.00	53.09 -3.09 0.00	52.21 -2.35 0.00
STILLWATER___SOLAR 323814	71.72 3.80 0.00	70.96 3.76 0.00	68.37 3.50 0.00	64.00 3.39 0.00	68.52 3.69 0.00	71.07 3.96 0.00	83.47 5.02 0.00	106.64 6.94 -12.95	74.26 5.12 0.00	70.28 5.21 0.00	65.38 4.67 0.00	61.87 4.53 0.00	60.20 3.94 0.00	58.65 3.89 0.00	60.03 4.03 0.00	59.61 4.16 0.00	68.99 4.93 0.00	83.25 6.16 -2.88	93.11 7.29 0.00	86.80 6.38 -3.50	76.41 5.72 0.00	67.53 4.94 0.00	60.51 4.33 0.00	58.71 4.14 0.00
STONY___BROOK 24151	97.01 4.62 -24.46	95.07 4.63 -23.24	89.30 4.47 -19.96	89.20 4.18 -24.42	92.42 4.54 -23.06	109.75 5.10 -37.54	134.55 6.59 -49.52	135.39 7.81 -40.83	108.79 6.29 -33.36	89.11 5.79 -18.25	75.24 5.16 -9.37	62.27 4.93 0.00	60.71 4.44 0.00	59.15 4.38 0.00	75.36 4.76 -14.60	80.49 4.99 -20.04	88.83 5.83 -18.95	130.42 7.28 -48.93	133.17 8.41 -38.93	128.48 7.39 -44.18	111.42 6.64 -34.09	97.92 5.69 -29.64	91.41 4.89 -30.34	80.36 4.47 -21.33
STURGEON_POOL_HYD 23609	70.16 2.24 0.00	69.41 2.22 0.00	67.07 2.21 0.00	62.60 2.00 0.00	67.09 2.27 0.00	69.60 2.48 0.00	81.97 3.53 0.00	92.56 3.90 -1.90	72.67 3.53 0.00	68.39 3.32 0.00	63.68 2.97 0.00	60.26 2.92 0.00	58.80 2.53 0.00	57.28 2.52 0.00	58.69 2.69 0.00	58.39 2.94 0.00	67.64 3.59 0.00	79.27 4.23 -0.83	91.05 5.23 0.00	81.65 4.23 -0.49	74.71 4.03 0.00	66.03 3.44 0.00	59.21 3.03 0.00	57.29 2.73 0.00
ST_LAW_115_BK7_LBMP 345037	69.15 1.22 0.00	68.41 1.21 0.00	65.97 1.10 0.00	61.51 0.91 0.00	65.73 0.91 0.00	67.79 0.67 0.00	78.68 0.24 0.00	86.40 -0.35 0.00	69.14 0.00 0.00	65.00 -0.07 0.00	60.71 0.00 0.00	57.23 -0.11 0.00	56.27 0.00 0.00	54.66 -0.11 0.00	55.78 -0.22 0.00	55.12 -0.33 0.00	63.54 -0.51 0.00	73.25 -0.97 0.00	84.53 -1.28 0.00	75.92 -1.00 0.00	69.98 -0.71 0.00	62.02 -0.56 0.00	55.79 -0.39 0.00	54.18 -0.38 0.00



ST_LAW_115_BK8_LBMP 345038	69.15 1.22 0.00	68.41 1.21 0.00	65.97 1.10 0.00	61.51 0.91 0.00	65.73 0.91 0.00	67.79 0.67 0.00	78.68 0.24 0.00	86.40 -0.35 0.00	69.14 0.00 0.00	65.00 -0.07 0.00	60.71 0.00 0.00	57.23 -0.11 0.00	56.27 0.00 0.00	54.66 -0.11 0.00	55.78 -0.22 0.00	55.12 -0.33 0.00	63.54 -0.51 0.00	73.25 -0.97 0.00	84.53 -1.28 0.00	75.92 -1.00 0.00	69.98 -0.71 0.00	62.02 -0.56 0.00	55.79 -0.39 0.00	54.18 -0.38 0.00
ST_LAW_230_BK5_LBMP 345035	69.01 1.08 0.00	68.34 1.14 0.00	65.84 0.97 0.00	61.45 0.85 0.00	65.61 0.78 0.00	67.72 0.60 0.00	78.60 0.16 0.00	86.40 -0.35 0.00	69.14 0.00 0.00	65.00 -0.07 0.00	60.71 0.00 0.00	57.23 -0.11 0.00	56.27 0.00 0.00	54.60 -0.16 0.00	55.72 -0.28 0.00	55.07 -0.39 0.00	63.54 -0.51 0.00	73.25 -0.97 0.00	84.53 -1.28 0.00	75.92 -1.00 0.00	69.98 -0.71 0.00	62.02 -0.56 0.00	55.73 -0.45 0.00	54.12 -0.44 0.00
ST_LAW_230_BK6_LBMP 345036	69.01 1.08 0.00	68.34 1.14 0.00	65.84 0.97 0.00	61.45 0.85 0.00	65.61 0.78 0.00	67.72 0.60 0.00	78.60 0.16 0.00	86.40 -0.35 0.00	69.14 0.00 0.00	65.00 -0.07 0.00	60.71 0.00 0.00	57.23 -0.11 0.00	56.27 0.00 0.00	54.60 -0.16 0.00	55.72 -0.28 0.00	55.07 -0.39 0.00	63.54 -0.51 0.00	73.25 -0.97 0.00	84.53 -1.28 0.00	75.92 -1.00 0.00	69.98 -0.71 0.00	62.02 -0.56 0.00	55.73 -0.45 0.00	54.12 -0.44 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	69.55 1.63 0.00	68.81 1.61 0.00	66.49 1.62 0.00	62.12 1.52 0.00	66.51 1.69 0.00	69.00 1.88 0.00	81.27 2.82 0.00	91.51 3.56 -1.21	72.04 2.90 0.00	67.87 2.80 0.00	63.26 2.55 0.00	59.86 2.52 0.00	58.52 2.25 0.00	57.01 2.25 0.00	58.41 2.41 0.00	58.00 2.55 0.00	67.07 3.01 0.00	78.59 3.71 -0.66	90.19 4.38 0.00	81.09 3.85 -0.32	74.08 3.39 0.00	65.47 2.88 0.00	58.71 2.53 0.00	56.80 2.24 0.00
SWANROAD_115KV_TB1 355699	60.18 -7.74 0.00	59.13 -8.06 0.00	57.34 -7.52 0.00	53.76 -6.85 0.00	57.24 -7.58 0.00	59.67 -7.45 0.00	67.93 -10.51 0.00	74.34 -12.41 0.00	59.39 -9.75 0.00	56.28 -8.78 0.00	52.33 -8.38 0.00	49.48 -7.86 0.00	48.78 -7.48 0.00	47.59 -7.17 0.00	48.50 -7.50 0.00	47.85 -7.60 0.01	54.28 -9.35 0.42	63.31 -10.39 0.51	69.93 -11.76 4.14	56.69 -10.77 9.46	59.85 -9.68 1.15	54.08 -8.51 0.00	49.21 -6.97 0.00	48.78 -5.78 0.00
SYNERGY___BIOGAS 323694	63.17 -4.76 0.00	61.89 -5.31 0.00	60.13 -4.73 0.00	56.30 -4.30 0.00	60.03 -4.80 0.00	62.55 -4.57 0.00	72.09 -6.35 0.00	79.64 -7.11 0.00	63.33 -5.81 0.00	59.73 -5.33 0.00	55.43 -5.28 0.00	52.41 -4.93 0.00	51.60 -4.67 0.00	50.38 -4.38 0.00	51.35 -4.65 0.00	50.73 -4.71 0.01	57.98 -5.70 0.37	67.54 -6.23 0.45	75.20 -6.95 3.67	62.06 -6.46 8.40	63.80 -5.87 1.02	57.46 -5.13 0.00	52.36 -3.82 0.00	51.23 -3.33 0.00
SYRACUSE___ENERGY_ST1 323597	66.70 -1.22 0.00	65.85 -1.34 0.00	63.63 -1.23 0.00	59.51 -1.09 0.00	63.66 -1.17 0.00	66.11 -1.01 0.00	77.34 -1.10 0.00	85.62 -1.13 0.00	68.10 -1.04 0.00	64.03 -1.04 0.00	59.68 -1.03 0.00	56.42 -0.92 0.00	55.48 -0.79 0.00	54.00 -0.77 0.00	55.27 -0.73 0.00	54.73 -0.72 0.00	63.35 -0.70 0.00	73.40 -0.82 0.00	85.05 -0.77 0.00	76.07 -0.85 0.00	69.84 -0.85 0.00	61.90 -0.69 0.00	55.51 -0.67 0.00	53.96 -0.60 0.00
SYRACUSE___ENERGY_ST2 323598	66.70 -1.22 0.00	65.85 -1.34 0.00	63.63 -1.23 0.00	59.51 -1.09 0.00	63.66 -1.17 0.00	66.11 -1.01 0.00	77.34 -1.10 0.00	85.62 -1.13 0.00	68.10 -1.04 0.00	64.03 -1.04 0.00	59.68 -1.03 0.00	56.42 -0.92 0.00	55.48 -0.79 0.00	54.00 -0.77 0.00	55.27 -0.73 0.00	54.73 -0.72 0.00	63.35 -0.70 0.00	73.40 -0.82 0.00	85.05 -0.77 0.00	76.07 -0.85 0.00	69.84 -0.85 0.00	61.90 -0.69 0.00	55.51 -0.67 0.00	53.96 -0.60 0.00
SYRACUSE___POWER 24017	66.43 -1.49 0.00	65.58 -1.61 0.00	63.37 -1.49 0.00	59.27 -1.33 0.00	63.40 -1.43 0.00	65.84 -1.28 0.00	77.03 -1.41 0.00	85.19 -1.56 0.00	67.83 -1.31 0.00	63.77 -1.30 0.00	59.43 -1.27 0.00	56.19 -1.15 0.00	55.25 -1.01 0.00	53.83 -0.93 0.00	55.05 -0.95 0.00	54.57 -0.89 0.00	63.22 -0.96 -0.12	73.29 -1.11 -0.18	85.85 -1.20 -1.24	78.60 -1.15 -2.84	69.89 -1.13 -0.34	61.65 -0.94 0.00	55.34 -0.84 0.00	53.74 -0.82 0.00
TALLMAN___138KV_BK151 55660	69.62 1.70 0.00	68.88 1.68 0.00	66.55 1.69 0.00	62.12 1.52 0.00	66.57 1.75 0.00	69.06 1.95 0.00	81.42 2.98 0.00	91.72 3.73 -1.24	72.25 3.11 0.00	68.13 3.06 0.00	63.50 2.79 0.00	60.15 2.81 0.00	58.80 2.53 0.00	57.28 2.52 0.00	58.69 2.69 0.00	58.28 2.83 0.00	67.39 3.33 0.00	78.90 4.01 -0.68	90.45 4.63 0.00	81.40 4.15 -0.33	74.36 3.68 0.00	65.72 3.13 0.00	58.93 2.75 0.00	57.02 2.46 0.00
TEALLAVE_115KV_TB7 355573	66.09 -1.83 0.00	65.25 -1.95 0.00	63.05 -1.82 0.00	58.91 -1.70 0.00	63.07 -1.75 0.00	65.51 -1.61 0.00	76.56 -1.88 0.00	84.75 -2.00 0.00	67.48 -1.66 0.00	63.44 -1.63 0.00	59.13 -1.58 0.00	55.91 -1.43 0.00	55.03 -1.24 0.00	53.61 -1.15 0.00	54.82 -1.18 0.00	54.29 -1.16 0.00	62.77 -1.28 0.00	72.73 -1.48 0.00	84.19 -1.63 0.00	75.30 -1.62 0.00	69.13 -1.56 0.00	61.34 -1.25 0.00	55.06 -1.12 0.00	53.47 -1.09 0.00
TELGRAPH_34_KV_EAST 80808	61.95 -5.98 0.00	60.75 -6.45 0.00	58.96 -5.90 0.00	55.27 -5.33 0.00	58.86 -5.96 0.00	61.48 -5.64 0.00	70.36 -8.08 0.00	77.21 -9.54 0.00	61.67 -7.47 0.00	58.37 -6.70 0.00	54.21 -6.50 0.00	51.26 -6.08 0.00	50.47 -5.80 0.00	49.29 -5.48 0.00	50.23 -5.77 0.00	49.57 -5.88 0.01	56.43 -7.24 0.39	65.73 -8.02 0.47	72.94 -9.01 3.87	59.67 -8.38 8.86	62.05 -7.56 1.07	56.02 -6.57 0.00	50.79 -5.39 0.00	50.20 -4.36 0.00
TEMPLE___115KV_TB 2 55572	66.09 -1.83 0.00	65.25 -1.95 0.00	63.05 -1.82 0.00	58.91 -1.70 0.00	63.07 -1.75 0.00	65.51 -1.61 0.00	76.56 -1.88 0.00	84.75 -2.00 0.00	67.48 -1.66 0.00	63.44 -1.63 0.00	59.13 -1.58 0.00	55.91 -1.43 0.00	55.03 -1.24 0.00	53.61 -1.15 0.00	54.82 -1.18 0.00	54.29 -1.16 0.00	62.77 -1.28 0.00	72.73 -1.48 0.00	84.19 -1.63 0.00	75.30 -1.62 0.00	69.13 -1.56 0.00	61.34 -1.25 0.00	55.06 -1.12 0.00	53.47 -1.09 0.00
TIANA____69_KV_BK 1 55817	97.75 5.37 -24.46	95.88 5.44 -23.24	90.08 5.25 -19.96	89.93 4.91 -24.42	93.27 5.38 -23.06	110.56 5.91 -37.54	135.57 7.61 -49.52	136.43 8.85 -40.83	109.55 7.05 -33.36	89.64 6.31 -18.25	75.55 5.46 -9.37	62.44 5.10 0.00	60.88 4.61 0.00	59.20 4.44 0.00	75.42 4.82 -14.60	80.60 5.10 -20.04	88.90 5.89 -18.95	130.71 7.57 -48.93	133.33 8.58 -38.93	128.63 7.54 -44.17	111.49 6.71 -34.09	97.98 5.76 -29.64	91.47 4.94 -30.34	80.53 4.64 -21.33
TILDEN___115KV_TB1 80814	66.43 -1.49 0.00	65.58 -1.61 0.00	63.37 -1.49 0.00	59.27 -1.33 0.00	63.40 -1.43 0.00	65.84 -1.28 0.00	77.03 -1.41 0.00	85.19 -1.56 0.00	67.83 -1.31 0.00	63.77 -1.30 0.00	59.43 -1.27 0.00	56.19 -1.15 0.00	55.25 -1.01 0.00	53.83 -0.93 0.00	55.05 -0.95 0.00	54.57 -0.89 0.00	63.22 -0.96 -0.12	73.29 -1.11 -0.18	85.85 -1.20 -1.24	78.60 -1.15 -2.84	69.89 -1.13 -0.34	61.65 -0.94 0.00	55.34 -0.84 0.00	53.74 -0.82 0.00



TRIGEN___CC 323695	95.58 3.19 -24.46	93.60 3.16 -23.24	87.87 3.05 -19.96	87.87 2.85 -24.42	91.00 3.11 -23.06	108.08 3.42 -37.54	132.67 4.71 -49.52	133.39 5.81 -40.83	107.27 4.77 -33.36	87.88 4.55 -18.25	74.33 4.25 -9.37	61.47 4.13 0.00	60.04 3.77 0.00	58.49 3.72 0.00	74.58 3.98 -14.60	79.66 4.16 -20.04	87.81 4.80 -18.95	129.00 5.86 -48.93	131.53 6.78 -38.93	127.09 6.00 -44.17	110.15 5.37 -34.09	96.79 4.57 -29.64	90.57 4.04 -30.34	79.54 3.66 -21.33
TRINITY___115KV___4 BK 55933	69.89 1.97 0.00	69.28 2.08 0.00	66.88 2.01 0.00	62.48 1.88 0.00	66.90 2.07 0.00	69.26 2.15 0.00	81.11 2.67 0.00	96.88 2.95 -7.18	71.56 2.42 0.00	67.74 2.67 0.00	63.20 2.49 0.00	59.81 2.47 0.00	58.29 2.03 0.00	56.74 1.97 0.00	58.13 2.13 0.00	57.34 1.89 0.00	66.17 2.11 0.00	78.74 2.67 -1.85	88.74 2.92 0.00	81.52 2.69 -1.91	73.23 2.54 0.00	64.78 2.19 0.00	58.09 1.91 0.00	56.69 2.13 0.00
UNION___PROCESSING_DRP 323587	63.64 -4.28 0.00	62.56 -4.64 0.00	60.58 -4.28 0.00	56.79 -3.82 0.00	60.61 -4.21 0.00	63.09 -4.03 0.00	72.79 -5.65 0.00	80.33 -6.42 0.00	64.09 -5.05 0.00	60.45 -4.62 0.00	56.34 -4.37 0.00	53.21 -4.13 0.00	52.33 -3.94 0.00	51.04 -3.72 0.00	52.14 -3.86 0.00	51.57 -3.88 0.01	58.97 -4.80 0.28	68.30 -5.49 0.42	76.89 -6.09 2.83	64.74 -5.69 6.49	64.67 -5.23 0.78	58.27 -4.32 0.00	52.53 -3.65 0.00	51.51 -3.06 0.00
UPPER HUDSON___HYD 24058	72.75 4.82 0.00	71.97 4.77 0.00	69.34 4.47 0.00	64.91 4.30 0.00	69.55 4.73 0.00	72.21 5.10 0.00	84.95 6.51 0.00	109.60 9.71 -13.14	76.68 7.54 0.00	72.55 7.48 0.00	67.33 6.62 0.00	63.70 6.36 0.00	61.95 5.68 0.00	60.24 5.48 0.00	61.72 5.71 0.00	61.33 5.88 0.00	71.04 6.98 0.00	85.98 8.83 -2.94	96.20 10.38 0.00	89.51 9.00 -3.59	78.74 8.06 0.00	69.72 7.13 0.00	62.36 6.18 0.00	60.51 5.95 0.00
UPPER RAQUET___HYD 24056	70.71 2.79 0.00	70.02 2.82 0.00	67.39 2.53 0.00	62.85 2.24 0.00	66.90 2.07 0.00	71.61 4.50 0.00	82.36 3.92 0.00	84.49 -2.26 0.00	71.35 2.21 0.00	66.96 1.89 0.00	62.89 2.18 0.00	59.64 2.30 0.00	59.59 3.32 0.00	58.54 3.78 0.00	59.64 3.64 0.00	58.95 3.50 0.00	67.64 3.58 0.00	76.88 2.67 0.00	83.33 -2.49 0.00	79.07 2.15 0.00	73.44 2.75 0.00	66.09 3.50 0.00	59.83 3.65 0.00	58.00 3.44 0.00
VALLEY44_115KV_TB2 355964	65.14 -2.78 0.00	63.97 -3.23 0.00	62.08 -2.79 0.00	58.00 -2.61 0.00	61.78 -3.05 0.00	64.30 -2.82 0.00	73.97 -4.47 0.00	80.85 -5.90 0.00	65.75 -3.39 0.00	62.14 -2.93 0.00	57.67 -3.04 0.00	54.53 -2.81 0.00	53.57 -2.70 0.00	52.25 -2.52 0.00	53.26 -2.74 0.00	52.56 -2.88 0.01	60.01 -3.46 0.59	69.54 -3.93 0.74	75.58 -4.38 5.86	59.36 -4.15 13.41	65.31 -3.75 1.63	59.08 -3.50 0.00	53.54 -2.64 0.00	53.03 -1.53 0.00
VALLEY___115KV_TB 1-4 80826	69.69 1.77 0.00	68.94 1.75 0.00	66.55 1.69 0.00	62.18 1.58 0.00	66.45 1.62 0.00	68.73 1.61 0.00	80.17 1.73 0.00	88.57 1.82 0.00	70.80 1.66 0.00	66.63 1.56 0.00	62.11 1.40 0.00	58.60 1.26 0.00	57.56 1.29 0.00	56.08 1.31 0.00	57.23 1.23 0.00	56.73 1.28 0.00	65.53 1.47 0.00	75.92 1.71 0.00	87.71 1.89 0.00	78.54 1.62 0.00	72.03 1.34 0.00	63.84 1.25 0.00	57.25 1.07 0.00	55.60 1.04 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	71.32 3.40 0.00	70.62 3.43 0.00	68.17 3.31 0.00	63.82 3.21 0.00	68.13 3.31 0.00	70.74 3.62 0.00	82.99 4.55 0.00	93.65 5.03 -1.87	73.56 4.42 0.00	69.49 4.42 0.00	64.84 4.13 0.00	61.12 3.78 0.00	59.64 3.38 0.00	58.27 3.50 0.00	59.53 3.53 0.00	59.06 3.60 0.00	67.90 3.84 0.00	79.42 4.60 -0.61	91.40 5.58 0.00	82.37 4.92 -0.53	75.07 4.38 0.00	66.41 3.82 0.00	59.44 3.26 0.00	57.67 3.11 0.00
VISCHER___FERRY HYD 24020	70.84 2.92 0.00	70.08 2.89 0.00	67.65 2.79 0.00	63.21 2.60 0.00	67.74 2.92 0.00	70.21 3.09 0.00	82.36 3.92 0.00	103.16 5.03 -11.38	73.01 3.87 0.00	69.04 3.97 0.00	64.35 3.64 0.00	60.90 3.56 0.00	59.30 3.04 0.00	57.78 3.01 0.00	59.13 3.13 0.00	58.61 3.16 0.00	67.77 3.71 0.00	81.42 4.60 -2.60	91.23 5.41 0.00	84.77 4.77 -3.08	75.00 4.31 0.00	66.28 3.69 0.00	59.38 3.20 0.00	57.67 3.11 0.00
V_A_10_SYNC_DSASP 323832	61.47 -6.45 0.00	60.41 -6.78 0.00	58.70 -6.16 0.00	54.85 -5.76 0.00	58.47 -6.35 0.00	60.67 -6.44 0.00	69.73 -8.71 0.00	76.86 -9.89 0.00	61.26 -7.88 0.00	57.91 -7.16 0.00	53.85 -6.86 0.00	50.92 -6.42 0.00	50.19 -6.08 0.00	48.96 -5.81 0.00	50.01 -5.99 0.00	49.35 -6.10 0.01	56.02 -7.69 0.34	65.04 -8.76 0.41	72.30 -10.04 3.48	59.79 -9.16 7.98	61.46 -8.27 0.96	55.64 -6.95 0.00	50.79 -5.39 0.00	49.81 -4.75 0.00
V_CMM_10_SYNC_DSASP 323787	69.49 1.56 0.00	68.81 1.61 0.00	66.29 1.43 0.00	61.82 1.21 0.00	66.05 1.23 0.00	68.12 1.01 0.00	79.00 0.55 0.00	86.66 -0.09 0.00	69.35 0.21 0.00	65.20 0.13 0.00	60.89 0.18 0.00	57.40 0.06 0.00	56.49 0.23 0.00	54.82 0.05 0.00	55.94 -0.06 0.00	55.29 -0.17 0.00	63.74 -0.32 0.00	73.47 -0.74 0.00	84.79 -1.03 0.00	76.23 -0.69 0.00	70.26 -0.42 0.00	62.28 -0.31 0.00	56.01 -0.17 0.00	54.34 -0.22 0.00
V_CMP_10_SYNC_DSASP 323788	71.39 3.46 0.00	70.62 3.43 0.00	67.98 3.11 0.00	63.27 2.66 0.00	67.55 2.72 0.00	70.67 3.55 0.00	80.32 1.88 0.00	87.44 0.69 0.00	70.31 1.17 0.00	66.24 1.17 0.00	61.74 1.03 0.00	57.97 0.63 0.00	56.66 0.40 0.00	54.60 -0.16 0.00	55.33 -0.67 0.00	54.23 -1.22 0.00	62.14 -1.92 0.00	71.10 -3.11 0.00	81.87 -3.95 0.00	73.61 -3.31 0.00	67.85 -2.83 0.00	60.21 -2.38 0.00	54.16 -2.02 0.00	53.09 -1.47 0.00
V_D_10_SYNC_DSASP 323841	70.23 2.31 0.00	69.55 2.35 0.00	66.94 2.08 0.00	62.49 1.88 0.00	66.71 1.88 0.00	68.59 1.47 0.00	79.46 1.02 0.00	87.01 0.26 0.00	69.76 0.62 0.00	65.53 0.46 0.00	61.19 0.48 0.00	57.74 0.40 0.00	56.77 0.51 0.00	55.20 0.44 0.00	56.34 0.34 0.00	55.68 0.22 0.00	64.18 0.13 0.00	73.92 -0.30 0.00	85.13 -0.69 0.00	76.61 -0.31 0.00	70.68 0.00 0.00	62.71 0.13 0.00	56.41 0.23 0.00	54.72 0.16 0.00
V_E_10_SYNC_DSASP 323830	73.15 5.23 0.00	72.17 4.97 0.00	69.67 4.80 0.00	65.27 4.67 0.00	69.62 4.80 0.00	72.75 5.64 0.00	85.42 6.98 0.00	94.98 7.37 -0.86	74.26 5.12 0.00	69.56 4.49 0.00	64.65 3.94 0.00	60.78 3.44 0.00	59.36 3.09 0.00	58.05 3.29 0.00	59.19 3.19 0.00	58.85 3.38 -0.01	69.26 4.48 -0.72	80.96 5.35 -1.40	99.78 6.70 -7.27	99.58 5.77 -16.89	77.71 5.02 -2.01	66.90 4.32 0.00	59.83 3.65 0.00	58.06 3.49 0.00
V_F_30_NSYNC___DSASP 323816	71.72 3.80 0.00	70.96 3.76 0.00	68.43 3.57 0.00	64.00 3.39 0.00	68.58 3.76 0.00	71.14 4.03 0.00	83.54 5.10 0.00	107.04 7.11 -13.17	74.39 5.25 0.00	70.41 5.34 0.00	65.50 4.79 0.00	61.98 4.64 0.00	60.32 4.05 0.00	58.76 4.00 0.00	60.14 4.14 0.00	59.72 4.27 0.00	69.11 5.06 0.00	83.44 6.30 -2.92	93.28 7.46 0.00	87.02 6.53 -3.57	76.55 5.86 0.00	67.66 5.07 0.00	60.62 4.44 0.00	58.82 4.26 0.00



V_F_30_SYNC_DSASP 323786	70.10 2.17 0.00	69.41 2.22 0.00	67.01 2.14 0.00	62.60 2.00 0.00	67.03 2.20 0.00	69.47 2.35 0.00	81.34 2.90 0.00	98.79 3.12 -8.91	71.56 2.42 0.00	67.87 2.80 0.00	63.32 2.61 0.00	59.92 2.58 0.00	58.35 2.08 0.00	56.85 2.08 0.00	58.18 2.18 0.00	57.39 1.94 0.00	66.23 2.18 0.00	79.12 2.75 -2.16	88.82 3.00 0.00	82.20 2.85 -2.44	73.30 2.62 0.00	64.84 2.25 0.00	58.15 1.97 0.00	56.74 2.18 0.00
V_XM_10_SYNC_DSASP 323789	71.39 3.46 0.00	70.62 3.43 0.00	67.98 3.11 0.00	63.27 2.66 0.00	67.55 2.72 0.00	70.67 3.55 0.00	80.32 1.88 0.00	87.44 0.69 0.00	70.31 1.17 0.00	66.24 1.17 0.00	61.74 1.03 0.00	57.97 0.63 0.00	56.66 0.40 0.00	54.60 -0.16 0.00	55.33 -0.67 0.00	54.23 -1.22 0.00	62.14 -1.92 0.00	71.10 -3.11 0.00	81.87 -3.95 0.00	73.61 -3.31 0.00	67.85 -2.83 0.00	60.21 -2.38 0.00	54.16 -2.02 0.00	53.09 -1.47 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	69.76 1.83 0.00	69.01 1.81 0.00	66.75 1.88 0.00	62.30 1.70 0.00	66.77 1.94 0.00	69.20 2.08 0.00	81.58 3.14 0.00	91.99 3.99 -1.25	72.46 3.32 0.00	68.32 3.25 0.00	63.68 2.97 0.00	60.32 2.98 0.00	58.91 2.64 0.00	57.45 2.68 0.00	58.80 2.80 0.00	58.45 2.99 0.00	67.58 3.52 0.00	79.13 4.23 -0.69	90.71 4.89 0.00	81.64 4.38 -0.33	74.57 3.89 0.00	65.90 3.32 0.00	59.10 2.92 0.00	57.18 2.62 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	70.16 2.24 0.00	69.48 2.28 0.00	67.07 2.21 0.00	62.60 2.00 0.00	67.09 2.27 0.00	69.67 2.55 0.00	82.29 3.84 0.00	92.91 4.86 -1.30	73.22 4.08 0.00	69.04 3.97 0.00	64.35 3.64 0.00	60.95 3.61 0.00	59.59 3.32 0.00	58.05 3.29 0.00	59.47 3.47 0.00	59.11 3.66 0.00	68.28 4.23 0.00	80.12 5.20 -0.71	91.74 5.92 0.00	82.50 5.23 -0.35	75.28 4.59 0.00	66.47 3.88 0.00	59.55 3.37 0.00	57.51 2.95 0.00
W50THST__13_KV_LOAD 356117	70.50 2.58 0.00	69.75 2.55 0.00	67.33 2.46 0.00	62.79 2.18 0.00	67.29 2.46 0.00	70.00 2.89 0.00	82.60 4.16 0.00	93.43 5.38 -1.30	73.63 4.49 0.00	69.36 4.29 0.00	64.66 3.95 0.00	61.24 3.90 0.00	59.92 3.66 0.00	58.38 3.61 0.00	59.81 3.81 0.00	59.45 3.99 0.00	68.67 4.61 0.00	80.49 5.57 -0.71	92.17 6.35 0.00	82.88 5.62 -0.35	75.63 4.95 0.00	66.72 4.13 0.00	59.72 3.54 0.00	57.73 3.16 0.00
WADING RIVER_IC_1 23522	97.28 4.89 -24.46	95.41 4.97 -23.24	89.62 4.80 -19.96	89.44 4.42 -24.42	92.75 4.86 -23.06	110.09 5.43 -37.54	134.94 6.98 -49.52	135.91 8.33 -40.83	109.07 6.57 -33.36	89.24 5.92 -18.25	75.24 5.16 -9.37	62.21 4.87 0.00	60.66 4.39 0.00	59.04 4.27 0.00	75.24 4.65 -14.60	80.43 4.93 -20.04	88.77 5.77 -18.95	130.42 7.28 -48.93	133.07 8.32 -38.93	128.41 7.31 -44.18	111.35 6.57 -34.09	97.86 5.64 -29.64	91.30 4.77 -30.34	80.36 4.47 -21.33
WADING RIVER_IC_2 23547	97.28 4.89 -24.46	95.41 4.97 -23.24	89.62 4.80 -19.96	89.44 4.42 -24.42	92.75 4.86 -23.06	110.09 5.43 -37.54	134.94 6.98 -49.52	135.91 8.33 -40.83	109.07 6.57 -33.36	89.24 5.92 -18.25	75.24 5.16 -9.37	62.21 4.87 0.00	60.66 4.39 0.00	59.04 4.27 0.00	75.24 4.65 -14.60	80.43 4.93 -20.04	88.77 5.77 -18.95	130.42 7.28 -48.93	133.07 8.32 -38.93	128.41 7.31 -44.18	111.35 6.57 -34.09	97.86 5.64 -29.64	91.30 4.77 -30.34	80.36 4.47 -21.33
WADING RIVER_IC_3 23601	97.28 4.89 -24.46	95.41 4.97 -23.24	89.62 4.80 -19.96	89.44 4.42 -24.42	92.75 4.86 -23.06	110.09 5.43 -37.54	134.94 6.98 -49.52	135.91 8.33 -40.83	109.07 6.57 -33.36	89.24 5.92 -18.25	75.24 5.16 -9.37	62.21 4.87 0.00	60.66 4.39 0.00	59.04 4.27 0.00	75.24 4.65 -14.60	80.43 4.93 -20.04	88.77 5.77 -18.95	130.42 7.28 -48.93	133.07 8.32 -38.93	128.41 7.31 -44.18	111.35 6.57 -34.09	97.86 5.64 -29.64	91.30 4.77 -30.34	80.36 4.47 -21.33
WALDENNY_12_KV_BK2 80841	62.96 -4.96 0.00	61.82 -5.38 0.00	60.00 -4.86 0.00	56.18 -4.42 0.00	59.77 -5.06 0.00	62.35 -4.77 0.00	71.30 -7.14 0.00	77.99 -8.76 0.00	62.57 -6.57 0.00	59.21 -5.86 0.00	55.06 -5.65 0.00	52.06 -5.28 0.00	51.26 -5.01 0.00	50.00 -4.76 0.00	50.90 -5.10 0.00	50.23 -5.21 0.01	56.97 -6.60 0.48	66.20 -7.42 0.60	72.62 -8.41 4.79	58.12 -7.85 10.96	62.35 -7.00 1.34	56.58 -6.01 0.00	51.35 -4.83 0.00	50.85 -3.71 0.00
WALDEN__HYDRO 24148	70.03 2.11 0.00	69.28 2.08 0.00	66.94 2.08 0.00	62.48 1.88 0.00	66.96 2.14 0.00	69.47 2.35 0.00	81.82 3.37 0.00	92.20 4.16 -1.29	72.46 3.32 0.00	68.26 3.19 0.00	63.56 2.85 0.00	60.15 2.81 0.00	58.80 2.53 0.00	57.23 2.46 0.00	58.69 2.69 0.00	58.28 2.83 0.00	67.45 3.39 0.00	79.14 4.23 -0.69	90.80 4.98 0.00	81.72 4.46 -0.34	74.57 3.89 0.00	65.90 3.32 0.00	59.10 2.92 0.00	57.18 2.62 0.00
WARRENSBURG____ 23737	72.75 4.82 0.00	71.97 4.77 0.00	69.34 4.47 0.00	64.91 4.30 0.00	69.55 4.73 0.00	72.21 5.10 0.00	84.95 6.51 0.00	109.60 9.71 -13.14	76.68 7.54 0.00	72.55 7.48 0.00	67.33 6.62 0.00	63.70 6.36 0.00	61.95 5.68 0.00	60.24 5.48 0.00	61.72 5.71 0.00	61.33 5.88 0.00	71.04 6.98 0.00	85.98 8.83 -2.94	96.20 10.38 0.00	89.51 9.00 -3.59	78.74 8.06 0.00	69.72 7.13 0.00	62.36 6.18 0.00	60.51 5.95 0.00
WATERSIDE____6 8 9 23538	70.23 2.31 0.00	69.55 2.35 0.00	67.06 2.21 0.01	62.39 2.24 0.46	67.21 2.40 0.01	69.80 2.68 0.00	82.59 4.16 0.01	93.16 5.12 -1.29	73.49 4.36 0.01	69.29 4.23 0.01	64.59 3.89 0.01	61.12 3.78 0.01	59.75 3.49 0.01	58.21 3.45 0.01	59.63 3.64 0.01	59.27 3.83 0.01	68.53 4.48 0.01	80.41 5.49 -0.70	92.07 6.26 0.01	82.87 5.62 -0.34	75.62 4.95 0.01	63.83 4.19 2.95	58.80 3.65 1.03	56.30 3.27 1.53
WATKINRD_115KV_LN8_ILLION 55919	69.21 1.29 0.00	68.41 1.21 0.00	66.10 1.23 0.00	61.70 1.09 0.00	65.99 1.17 0.00	68.32 1.21 0.00	79.78 1.33 0.00	88.22 1.47 0.00	70.45 1.31 0.00	66.11 1.04 0.00	61.68 0.97 0.00	58.20 0.86 0.00	57.28 1.01 0.00	55.81 1.04 0.00	57.01 1.01 0.00	56.51 1.05 0.00	65.34 1.28 0.00	75.70 1.48 0.00	87.53 1.72 0.00	78.30 1.38 0.00	71.89 1.20 0.00	63.71 1.13 0.00	57.14 0.96 0.00	55.49 0.93 0.00
WATSON__69_KV_BK 1 55734	97.14 4.75 -24.46	95.21 4.77 -23.24	89.43 4.61 -19.96	89.32 4.30 -24.42	92.55 4.67 -23.06	109.89 5.24 -37.54	134.79 6.82 -49.52	135.56 7.98 -40.83	108.99 6.50 -33.36	89.31 5.99 -18.25	75.42 5.34 -9.37	62.44 5.10 0.00	60.94 4.67 0.00	59.37 4.60 0.00	75.58 4.98 -14.60	80.76 5.27 -20.04	89.15 6.15 -18.95	130.71 7.57 -48.93	133.50 8.75 -38.93	128.86 7.77 -44.17	111.78 7.00 -34.09	98.23 6.01 -29.64	91.75 5.22 -30.34	80.63 4.75 -21.33
WDELAWARE__HYD 323627	70.10 2.17 0.00	69.28 2.09 0.00	67.00 2.14 0.00	62.54 1.94 0.00	67.03 2.21 0.00	69.60 2.48 0.00	81.98 3.53 0.00	92.35 4.25 -1.35	72.32 3.18 0.00	68.00 2.93 0.00	63.26 2.55 0.00	59.80 2.46 0.00	58.40 2.14 0.00	56.85 2.08 0.00	58.30 2.30 0.00	57.95 2.50 0.00	67.32 3.27 0.00	78.97 4.08 -0.68	90.79 4.98 0.00	81.67 4.38 -0.37	74.50 3.81 0.00	65.78 3.19 0.00	58.93 2.75 0.00	57.02 2.46 0.00



WEST BABYLON___IC 23714	96.80 4.42 -24.46	94.81 4.37 -23.24	89.04 4.22 -19.96	88.96 3.94 -24.42	92.23 4.34 -23.06	109.42 4.77 -37.54	134.24 6.28 -49.52	135.04 7.46 -40.83	108.58 6.08 -33.36	88.98 5.66 -18.25	75.24 5.16 -9.37	62.27 4.93 0.00	60.77 4.50 0.00	59.20 4.44 0.00	75.42 4.82 -14.60	80.54 5.05 -20.04	88.90 5.89 -18.95	130.41 7.27 -48.93	133.16 8.41 -38.93	128.55 7.46 -44.17	111.49 6.71 -34.09	97.98 5.76 -29.64	91.52 5.00 -30.34	80.42 4.53 -21.33
WEST CANADA___HYD 24049	68.06 0.14 0.00	67.33 0.13 0.00	65.00 0.13 0.00	60.73 0.12 0.00	64.95 0.13 0.00	67.32 0.20 0.00	78.76 0.32 0.00	87.18 0.44 0.00	69.63 0.49 0.00	65.00 -0.07 0.00	60.65 -0.06 0.00	57.28 -0.06 0.00	56.61 0.34 0.00	55.15 0.39 0.00	56.39 0.39 0.00	55.90 0.44 0.00	64.63 0.58 0.00	74.88 0.67 0.00	86.68 0.86 0.00	77.61 0.69 0.00	71.25 0.56 0.00	63.09 0.50 0.00	56.58 0.40 0.00	54.95 0.38 0.00
WESTERN_NY_WIND 24143	63.03 -4.89 0.00	61.75 -5.44 0.00	59.87 -4.99 0.00	56.18 -4.42 0.00	59.90 -4.93 0.00	62.62 -4.50 0.00	71.93 -6.51 0.00	79.03 -7.72 0.00	63.05 -6.08 0.00	59.54 -5.53 0.00	55.31 -5.40 0.00	52.29 -5.05 0.00	51.43 -4.84 0.00	50.22 -4.55 0.00	51.24 -4.76 0.00	50.62 -4.82 0.01	57.78 -5.89 0.38	67.30 -6.46 0.46	74.95 -7.12 3.75	61.57 -6.77 8.58	63.57 -6.08 1.04	57.33 -5.26 0.00	51.91 -4.27 0.00	51.12 -3.44 0.00
WESTOVER___LESR 323668	67.18 -0.75 0.00	66.32 -0.87 0.00	64.09 -0.78 0.00	59.94 -0.67 0.00	64.05 -0.78 0.00	66.51 -0.60 0.00	77.66 -0.78 0.00	86.28 -1.04 -0.57	68.03 -1.11 0.00	64.09 -0.98 0.00	59.68 -1.03 0.00	56.37 -0.97 0.00	55.31 -0.96 0.00	53.89 -0.88 0.00	55.10 -0.90 0.00	54.56 -0.89 0.00	62.98 -0.83 0.25	73.29 -0.82 0.11	82.48 -0.86 2.48	70.55 -0.85 5.52	69.15 -0.85 0.69	61.84 -0.75 0.00	55.56 -0.62 0.00	54.18 -0.38 0.00
WETHRSFD_WT_PWR 323626	63.65 -4.28 0.00	62.49 -4.71 0.00	60.71 -4.15 0.00	56.67 -3.94 0.00	60.35 -4.47 0.00	62.62 -4.50 0.00	72.16 -6.28 0.00	79.37 -7.37 0.00	63.05 -6.08 0.00	59.41 -5.66 0.00	55.06 -5.64 0.00	52.07 -5.27 0.00	51.20 -5.06 0.00	49.84 -4.93 0.00	50.79 -5.21 0.00	50.12 -5.32 0.01	57.00 -6.40 0.65	66.33 -7.05 0.83	71.31 -7.98 6.53	54.66 -7.31 14.95	62.22 -6.65 1.81	56.83 -5.76 0.00	51.74 -4.44 0.00	50.85 -3.71 0.00
WHAVSTOR_138KV_BK127 55557	69.55 1.63 0.00	68.81 1.61 0.00	66.49 1.62 0.00	62.12 1.52 0.00	66.57 1.75 0.00	69.00 1.88 0.00	81.34 2.90 0.00	91.73 3.73 -1.25	72.25 3.11 0.00	68.06 2.99 0.00	63.50 2.79 0.00	60.09 2.75 0.00	58.74 2.48 0.00	57.28 2.52 0.00	58.63 2.63 0.00	58.28 2.83 0.00	67.32 3.27 0.00	78.91 4.01 -0.69	90.45 4.63 0.00	81.41 4.15 -0.33	74.29 3.60 0.00	65.72 3.13 0.00	58.93 2.75 0.00	56.96 2.40 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	69.55 1.63 0.00	68.81 1.61 0.00	66.49 1.62 0.00	62.12 1.52 0.00	66.57 1.75 0.00	69.00 1.88 0.00	81.34 2.90 0.00	91.73 3.73 -1.25	72.25 3.11 0.00	68.06 2.99 0.00	63.50 2.79 0.00	60.09 2.75 0.00	58.74 2.48 0.00	57.28 2.52 0.00	58.63 2.63 0.00	58.28 2.83 0.00	67.32 3.27 0.00	78.91 4.01 -0.69	90.45 4.63 0.00	81.41 4.15 -0.33	74.29 3.60 0.00	65.72 3.13 0.00	58.93 2.75 0.00	56.96 2.40 0.00
WHITEHAL_115KV_TB1 80871	74.04 6.11 0.00	73.25 6.05 0.00	70.64 5.77 0.00	66.06 5.45 0.00	70.85 6.03 0.00	73.63 6.51 0.00	86.68 8.24 0.00	111.27 11.45 -13.07	78.06 8.92 0.00	73.79 8.72 0.00	68.42 7.71 0.00	64.74 7.40 0.00	62.91 6.64 0.00	61.23 6.46 0.00	62.78 6.78 0.00	62.50 7.04 0.00	72.19 8.14 0.00	87.68 10.54 -2.93	98.26 12.44 0.00	91.47 10.85 -3.70	80.37 9.68 0.00	71.04 8.45 0.00	63.48 7.30 0.00	61.54 6.98 0.00
WHITEPLN_13_KV_LOAD 356215	70.71 2.78 0.00	69.95 2.76 0.00	67.53 2.66 0.00	63.03 2.42 0.00	67.48 2.66 0.00	70.14 3.02 0.00	82.76 4.31 0.00	93.34 5.29 -1.30	73.56 4.42 0.00	69.30 4.23 0.00	64.59 3.89 0.00	61.12 3.78 0.00	59.70 3.43 0.00	58.16 3.40 0.00	59.64 3.64 0.00	59.22 3.77 0.00	68.48 4.42 0.00	80.42 5.49 -0.71	92.34 6.52 0.00	83.03 5.77 -0.35	75.84 5.16 0.00	66.97 4.38 0.00	60.00 3.82 0.00	57.94 3.38 0.00
WM_FLOYD_69_KV_BK2 356380	97.21 4.82 -24.46	95.28 4.84 -23.24	89.49 4.67 -19.96	89.38 4.36 -24.42	92.68 4.80 -23.06	109.89 5.24 -37.54	134.87 6.90 -49.52	135.65 8.07 -40.83	108.99 6.50 -33.36	89.18 5.86 -18.25	75.18 5.10 -9.37	62.16 4.82 0.00	60.60 4.33 0.00	58.98 4.22 0.00	75.25 4.65 -14.60	80.49 4.99 -20.04	88.77 5.77 -18.95	130.41 7.27 -48.93	133.08 8.32 -38.93	128.48 7.38 -44.17	111.35 6.57 -34.09	97.86 5.63 -29.64	91.41 4.89 -30.34	80.36 4.47 -21.33
WOODARD___115KV_TB2 355635	66.16 -1.77 0.00	65.32 -1.88 0.00	63.11 -1.75 0.00	59.03 -1.58 0.00	63.14 -1.69 0.00	65.57 -1.54 0.00	76.64 -1.80 0.00	84.84 -1.91 0.00	67.55 -1.59 0.00	63.51 -1.56 0.00	59.19 -1.52 0.00	55.96 -1.38 0.00	55.09 -1.18 0.00	53.61 -1.15 0.00	54.88 -1.12 0.00	54.34 -1.11 0.00	62.77 -1.28 0.00	72.81 -1.41 0.00	84.27 -1.54 0.00	75.38 -1.54 0.00	69.20 -1.48 0.00	61.40 -1.19 0.00	55.06 -1.12 0.00	53.52 -1.04 0.00
YORK___WARBASSE 23770	70.71 2.78 0.00	70.02 2.82 0.00	67.58 2.66 -0.06	66.47 2.67 -3.19	67.73 2.85 -0.06	70.28 3.15 -0.01	83.20 4.71 -0.06	93.83 5.73 -1.36	186.74 4.84 -112.76	105.67 4.68 -35.92	69.46 4.31 -4.45	70.93 4.19 -9.40	77.63 3.88 -17.49	71.29 3.89 -12.64	71.14 4.09 -11.05	71.17 4.27 -11.45	143.14 5.00 -74.09	202.39 6.01 -122.17	209.45 6.95 -116.68	200.10 6.15 -117.03	192.88 5.51 -116.68	87.94 4.69 -20.66	70.06 4.10 -9.78	68.93 3.66 -10.72