

Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										07/07/2025	
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		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT							
24138		50.25	45.40	40.96	38.90	39.22	41.04	47.34	49.78	54.44	57.48	63.64	69.16	72.19	78.60	89.79	109.61	126.49	152.26	148.98	119.69	109.01	90.78	70.03	61.78								
		3.24	3.09	2.75	2.61	2.67	2.76	3.22	3.73	4.03	4.31	4.71	4.77	5.78	5.96	8.01	10.92	12.64	12.30	11.63	9.15	5.80	4.73	4.27	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	-5.34	-6.70	-33.96	-29.69	-20.79	-24.84	-14.34	0.00	0.00								
74TH STREET_GT_1		50.29	45.44	40.96	38.90	39.22	41.04	47.29	49.73	54.34	57.43	63.52	69.09	72.12	78.39	89.63	109.33	126.17	151.94	148.77	119.51	108.93	90.71	70.10	61.78								
24260		3.29	3.13	2.75	2.61	2.67	2.76	3.18	3.68	3.93	4.25	4.60	4.70	5.71	5.74	7.85	10.64	12.32	11.98	11.41	8.97	5.72	4.66	4.34	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	-5.34	-6.70	-33.96	-29.70	-20.79	-24.84	-14.34	0.00	0.00								
74TH STREET_GT_2		50.29	45.44	40.96	38.90	39.22	41.04	47.29	49.73	54.34	57.43	63.52	69.09	72.12	78.39	89.63	109.33	126.17	151.94	148.77	119.51	108.93	90.71	70.10	61.78								
24261		3.29	3.13	2.75	2.61	2.67	2.76	3.18	3.68	3.93	4.25	4.60	4.70	5.71	5.74	7.85	10.64	12.32	11.98	11.41	8.97	5.72	4.66	4.34	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	-5.34	-6.70	-33.96	-29.70	-20.79	-24.84	-14.34	0.00	0.00								
ADK HUDSON___FALLS		49.78	44.76	40.42	38.43	38.78	40.65	46.41	48.53	53.28	55.83	61.58	67.23	69.14	75.77	86.28	121.53	142.07	253.83	273.73	271.69	335.93	222.63	70.42	62.01								
24011		2.77	2.45	2.22	2.14	2.23	2.37	2.29	2.49	2.87	2.66	2.65	2.83	2.72	3.12	4.50	5.79	6.86	7.31	7.86	6.64	5.88	5.31	4.67	3.57								
		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	-22.40	-28.07	-140.51	-158.22	-175.30	-251.69	-145.61	0.00	0.00								
ADK RESOURCE___RCVRY		50.15	45.06	40.62	38.54	38.96	40.92	46.67	48.86	53.73	56.26	62.11	67.74	69.40	76.13	86.69	120.22	140.37	252.38	271.84	271.56	340.20	226.59	71.41	62.71								
23798		3.15	2.75	2.41	2.25	2.41	2.64	2.56	2.81	3.33	3.08	3.18	3.35	2.99	3.49	4.91	6.35	7.50	8.37	9.26	7.80	7.29	6.53	5.66	4.26								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-20.52	-25.72	-138.01	-154.92	-174.01	-254.55	-148.36	0.00	0.00								
ADK S GLENS___FALLS		49.78	44.76	40.42	38.43	38.78	40.65	46.41	48.53	53.28	55.83	61.58	67.23	69.14	75.77	86.28	121.53	142.07	253.83	273.73	271.69	335.93	222.63	70.42	62.01								
24028		2.77	2.45	2.22	2.14	2.23	2.37	2.29	2.49	2.87	2.66	2.65	2.83	2.72	3.12	4.50	5.79	6.86	7.31	7.86	6.64	5.88	5.31	4.67	3.57								
		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	-22.40	-28.07	-140.51	-158.22	-175.30	-251.69	-145.61	0.00	0.00								
ADK_NYS___DAM		49.59	44.72	40.46	38.50	38.78	40.62	46.54	48.58	53.48	55.94	61.93	67.61	70.20	76.71	87.42	133.43	156.93	254.98	282.09	259.28	277.58	179.56	69.77	61.42								
23527		2.58	2.41	2.25	2.21	2.23	2.34	2.42	2.53	3.08	2.76	3.00	3.22	3.78	4.07	5.64	7.29	8.68	8.58	8.50	6.91	4.86	4.30	4.01	2.98								
		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	-32.80	-41.11	-140.39	-165.93	-162.62	-194.36	-103.54	0.00	0.00								
AIR_PRODUCTS___DRP		47.57	42.86	38.78	36.87	37.17	38.89	44.60	46.60	51.16	53.76	59.57	65.04	67.21	73.45	83.42	43.74	44.93	57.78	59.13	77.42	167.08	149.83	66.54	58.74								
24190		0.56	0.55	0.57	0.58	0.62	0.61	0.49	0.55	0.76	0.58	0.65	0.64	0.80	0.80	1.64	2.52	3.11	2.97	2.69	2.06	0.94	0.79	0.79	0.29								
		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	52.13	65.33	51.20	51.22	14.39	-87.78	-77.33	0.00	0.00								
AKWESSNE_115KV_BK		46.44	41.80	37.71	35.82	36.04	37.75	43.76	45.68	49.95	52.75	58.34	63.69	65.28	71.49	79.74	89.89	91.93	101.37	102.97	86.77	77.11	70.71	64.90	58.27								
355683		-0.56	-0.51	-0.50	-0.47	-0.51	-0.54	-0.35	-0.37	-0.45	-0.43	-0.59	-0.71	-1.13	-1.16	-2.04	-2.89	-3.54	-3.39	-3.34	-2.60	-1.25	-1.00	-0.85	-0.18								
		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	0.56	11.69	1.25	1.35	0.38	0.00	0.00	0.00	0.00								
ALBANY_1_SOLAR		48.69	43.87	39.66	37.70	38.01	39.77	45.53	47.43	51.92	54.50	60.34	65.88	67.87	73.09	83.08	45.37	47.00	52.03	49.96	62.49	138.29	131.77	67.00	59.15								
323833		1.69	1.57	1.45	1.41	1.46	1.49	1.41	1.38	1.51	1.33	1.41	1.48	1.46	0.44	1.30	2.24	2.78	2.86	2.79	2.24	1.18	1.08	1.25	0.70								
		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	50.22	62.93	56.84	60.49	29.51	-58.75	-58.97	0.00	0.00								
ALBANY_2_SOLAR		48.65	43.83	39.66	37.70	38.01	39.74	45.53	47.43	51.92	54.45	60.28	65.81	67.87	73.01	83.08	45.37	47.01	52.09	50.15	62.62	138.32	131.74	66.94	59.09								
323834		1.64	1.52	1.45	1.41	1.46	1.45	1.41	1.38	1.51	1.27	1.36	1.41	1.46	0.37	1.30	2.15	2.68	2.75	2.79	2.24	1.18	1.08	1.18	0.64								
		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	50.13	62.82	56.67	60.30	29.37	-58.78	-58.95	0.00	0.00								
ALBANY___1		47.57	42.86	38.78	36.87	37.17	38.89	44.60	46.60	51.16	53.76	59.57	65.04	67.21	73.45	83.42	43.74	44.93	57.78	59.13	77.42	167.08	149.83	66.54	58.74								
23571		0.56	0.55	0.57	0.58	0.62	0.61	0.49	0.55	0.76	0.58	0.65	0.64	0.80	0.80	1.64	2.52	3.11	2.97	2.69	2.06	0.94	0.79	0.79	0.29								
		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	52.13	65.33	51.20	51.22	14.39	-87.78	-77.33	0.00	0.00								

ALBANY___2 23572	47.57 0.56 0.00	42.86 0.55 0.00	38.78 0.57 0.00	36.87 0.58 0.00	37.17 0.62 0.00	38.89 0.61 0.00	44.60 0.49 0.00	46.60 0.55 0.00	51.16 0.76 0.00	53.76 0.58 0.00	59.57 0.65 0.00	65.04 0.64 0.00	67.21 0.80 0.00	73.45 0.80 0.00	83.42 1.64 0.00	43.74 2.52 52.13	44.93 3.11 65.33	57.78 2.97 51.20	59.13 2.69 51.22	77.42 2.06 14.39	167.08 0.94 -87.78	149.83 0.79 -77.33	66.54 0.79 0.00	58.74 0.29 0.00
ALBANY___3 23573	47.57 0.56 0.00	42.86 0.55 0.00	38.78 0.57 0.00	36.87 0.58 0.00	37.17 0.62 0.00	38.89 0.61 0.00	44.60 0.49 0.00	46.60 0.55 0.00	51.16 0.76 0.00	53.76 0.58 0.00	59.57 0.65 0.00	65.04 0.64 0.00	67.21 0.80 0.00	73.45 0.80 0.00	83.42 1.64 0.00	43.74 2.52 52.13	44.93 3.11 65.33	57.78 2.97 51.20	59.13 2.69 51.22	77.42 2.06 14.39	167.08 0.94 -87.78	149.83 0.79 -77.33	66.54 0.79 0.00	58.74 0.29 0.00
ALBANY___4 23574	47.57 0.56 0.00	42.86 0.55 0.00	38.78 0.57 0.00	36.87 0.58 0.00	37.17 0.62 0.00	38.89 0.61 0.00	44.60 0.49 0.00	46.60 0.55 0.00	51.16 0.76 0.00	53.76 0.58 0.00	59.57 0.65 0.00	65.04 0.64 0.00	67.21 0.80 0.00	73.45 0.80 0.00	83.42 1.64 0.00	43.74 2.52 52.13	44.93 3.11 65.33	57.78 2.97 51.20	59.13 2.69 51.22	77.42 2.06 14.39	167.08 0.94 -87.78	149.83 0.79 -77.33	66.54 0.79 0.00	58.74 0.29 0.00
ALBANY___LFGE 323615	48.13 1.13 0.00	43.37 1.06 0.00	39.20 0.99 0.00	37.27 0.98 0.00	37.57 1.02 0.00	39.35 1.07 0.00	45.09 0.97 0.00	47.15 1.10 0.00	51.77 1.36 0.00	54.40 1.22 0.00	60.34 1.41 0.00	65.88 1.48 0.00	68.07 1.66 0.00	74.32 1.67 0.00	84.56 2.78 0.00	101.94 3.83 -4.76	117.62 4.50 -5.97	189.13 4.45 -78.67	205.71 4.19 -93.86	198.02 3.23 -105.04	243.30 2.03 -162.90	171.13 1.79 -97.62	67.46 1.71 0.00	59.50 1.05 0.00
ALCOA_PA_115KV_PL-6C 55860	46.86 -0.14 0.00	42.14 -0.17 0.00	38.02 -0.19 0.00	36.07 -0.22 0.00	36.29 -0.26 0.00	38.01 -0.27 0.00	44.12 0.00 0.00	46.00 -0.05 0.00	50.25 -0.15 0.00	53.07 -0.11 0.00	58.57 -0.35 0.00	63.94 -0.45 0.00	65.62 -0.80 0.00	71.85 -0.80 0.00	80.06 -1.72 0.00	89.80 -2.99 0.56	89.87 -3.64 13.64	101.16 -3.60 1.24	102.97 -3.34 1.35	86.77 -2.60 0.38	77.58 -0.78 0.00	71.07 -0.65 0.00	65.23 -0.53 0.00	58.68 0.23 0.00
ALCOA_RYNLDS___DRP 24188	46.86 -0.14 0.00	42.14 -0.17 0.00	38.02 -0.19 0.00	36.07 -0.22 0.00	36.29 -0.26 0.00	38.01 -0.27 0.00	44.12 0.00 0.00	46.00 -0.05 0.00	50.25 -0.15 0.00	53.07 -0.11 0.00	58.57 -0.35 0.00	63.94 -0.45 0.00	65.62 -0.80 0.00	71.85 -0.80 0.00	80.06 -1.72 0.00	89.80 -2.99 0.56	89.87 -3.64 13.64	101.16 -3.60 1.24	102.97 -3.34 1.35	86.77 -2.60 0.38	77.58 -0.78 0.00	71.07 -0.65 0.00	65.23 -0.53 0.00	58.68 0.23 0.00
ALCOA___DSASP 323711	46.82 -0.19 0.00	42.14 -0.17 0.00	38.02 -0.19 0.00	36.07 -0.22 0.00	36.26 -0.29 0.00	37.97 -0.31 0.00	44.12 0.00 0.00	46.00 -0.05 0.00	50.25 -0.15 0.00	52.96 -0.21 0.00	58.57 -0.35 0.00	63.95 -0.45 0.00	65.62 -0.79 0.00	71.85 -0.80 0.00	80.06 -1.72 0.00	89.79 -2.99 0.56	89.87 -3.64 13.64	101.16 -3.60 1.24	102.97 -3.34 1.35	86.68 -2.69 0.38	77.58 -0.78 0.00	71.07 -0.65 0.00	65.23 -0.53 0.00	58.68 0.23 0.00
ALLEGHENY___COGEN 23514	50.24 3.24 0.00	44.68 2.37 0.00	39.97 1.76 0.00	37.85 1.56 0.00	38.09 1.53 0.00	39.96 1.68 0.00	45.53 1.41 0.00	46.78 0.73 0.00	48.54 -1.86 0.00	51.15 -2.02 0.00	56.28 -2.65 0.00	61.69 -2.70 0.00	63.69 -2.73 0.00	70.10 -2.54 0.00	79.24 -2.54 0.00	89.61 -3.74 0.00	104.48 -2.67 0.00	108.45 -1.70 -4.14	112.45 0.54 -4.25	92.57 1.79 -1.03	80.80 2.43 0.00	73.51 1.79 0.00	67.33 1.58 0.00	59.20 0.76 0.00
ALTAMONT_115KV_TB 2 55880	48.18 1.18 0.00	43.41 1.10 0.00	39.28 1.07 0.00	37.34 1.05 0.00	37.65 1.10 0.00	39.39 1.11 0.00	45.18 1.06 0.00	47.20 1.15 0.00	51.72 1.31 0.00	54.34 1.17 0.00	60.22 1.30 0.00	65.75 1.35 0.00	68.01 1.59 0.00	74.25 1.60 0.00	84.31 2.54 0.00	68.48 3.36 28.23	75.74 3.96 35.37	101.28 3.92 8.64	103.77 3.88 7.76	104.81 3.05 -12.01	160.70 1.96 -80.37	135.86 1.72 -62.42	67.33 1.58 0.00	59.50 1.05 0.00
ALTONA_WT_PWR 323606	46.06 -0.94 0.00	41.42 -0.89 0.00	37.33 -0.88 0.00	35.42 -0.87 0.00	35.64 -0.91 0.00	37.33 -0.96 0.00	43.28 -0.84 0.00	45.26 -0.78 0.00	49.34 -1.06 0.00	51.85 -1.33 0.00	57.39 -1.53 0.00	62.59 -1.80 0.00	64.02 -2.39 0.00	70.25 -2.40 0.00	78.42 -3.36 0.00	87.82 -4.29 1.24	90.04 -5.14 11.97	98.61 -4.66 2.73	100.29 -4.42 2.95	85.42 -3.50 0.83	76.41 -1.96 0.00	69.99 -1.72 0.00	64.05 -1.71 0.00	57.45 -0.99 0.00
AMERICAN_REF_FUEL 24010	46.49 -0.52 0.00	41.38 -0.93 0.00	36.98 -1.22 0.00	35.20 -1.09 0.00	35.24 -1.31 0.00	36.87 -1.42 0.00	41.65 -2.47 0.00	42.64 -3.41 0.00	46.27 -4.13 0.00	49.34 -3.83 0.00	54.86 -4.07 0.00	60.34 -4.05 0.00	62.03 -4.39 0.00	68.07 -4.57 0.00	76.05 -5.73 0.00	84.76 -8.59 0.00	98.26 -8.89 0.00	100.54 -9.12 -3.66	102.58 -8.83 -3.75	84.11 -6.55 -0.91	73.35 -5.02 0.00	66.26 -5.45 0.00	61.62 -4.14 0.00	55.23 -3.21 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	46.86 -0.14 0.00	41.76 -0.55 0.00	37.26 -0.95 0.00	35.46 -0.83 0.00	35.60 -0.95 0.00	37.48 -0.81 0.00	42.66 -1.45 0.00	44.07 -1.98 0.00	48.24 -2.17 0.00	51.42 -1.75 0.00	57.34 -1.59 0.00	63.24 -1.16 0.00	65.09 -1.33 0.00	71.56 -1.09 0.00	79.98 -1.80 0.00	89.51 -3.83 0.00	104.04 -3.11 0.00	106.90 -3.29 -4.18	109.48 -2.47 -4.29	89.53 -1.26 -1.04	77.58 -0.78 0.00	70.28 -1.43 0.00	65.30 -0.46 0.00	57.75 -0.70 0.00
ARTHUR KILL_GT_1 23520	50.20 3.20 0.00	45.57 3.26 0.00	41.00 2.79 0.00	38.83 2.54 0.00	39.18 2.63 0.00	40.88 2.60 0.00	46.98 2.87 0.00	49.55 3.50 0.00	52.09 2.97 1.29	52.05 3.30 4.42	52.33 3.48 10.07	53.03 3.41 14.78	53.09 4.45 17.77	60.54 4.58 16.69	67.32 6.46 20.92	90.53 9.43 12.24	107.77 10.50 9.88	124.56 10.28 -8.27	121.48 9.58 -4.24	105.24 7.63 -7.86	90.51 4.62 -7.52	68.62 3.73 6.82	55.80 3.16 13.11	53.04 2.28 7.68
ARTHUR_KILL_2 23512	50.01 3.01 0.00	45.39 3.09 0.00	40.81 2.60 0.00	38.68 2.39 0.00	39.00 2.45 0.00	40.73 2.45 0.00	46.81 2.69 0.00	49.32 3.27 0.00	51.84 2.72 1.29	51.84 3.08 4.42	52.03 3.18 10.07	52.77 3.15 14.78	52.83 4.19 17.77	60.10 4.14 16.69	67.00 6.14 20.92	90.07 8.96 12.24	107.12 9.85 9.88	124.02 9.75 -8.27	120.83 8.93 -4.24	104.70 7.09 -7.86	90.04 4.15 -7.52	68.33 3.44 6.82	55.54 2.89 13.11	52.69 1.93 7.68
ARTHUR_KILL_3 23513	49.62 2.63 0.01	44.89 2.58 0.00	40.45 2.25 0.01	38.42 2.14 0.01	38.74 2.19 0.01	40.54 2.26 0.00	46.71 2.60 0.01	49.08 3.04 0.01	52.34 3.23 1.29	52.26 3.51 4.42	52.56 3.71 10.08	53.21 3.60 14.79	53.21 4.58 17.78	60.46 4.51 16.69	67.40 6.54 20.92	90.34 9.24 12.25	107.87 10.61 9.89	124.54 10.28 -8.26	121.58 9.69 -4.23	105.14 7.54 -7.85	90.34 4.46 -7.51	68.47 3.58 6.83	55.92 3.29 13.12	53.21 2.45 7.69

ARTHUR_KILL_COGEN 323718	50.20 3.20 0.00	45.57 3.26 0.00	40.96 2.75 0.00	38.83 2.54 0.00	39.15 2.60 0.00	40.85 2.57 0.00	46.98 2.87 0.00	49.46 3.41 0.00	52.04 2.92 1.29	52.06 3.30 4.42	52.27 3.42 10.07	53.02 3.41 14.78	53.09 4.45 17.77	60.39 4.43 16.69	67.32 6.46 20.92	90.53 9.42 12.24	107.78 10.51 9.88	124.67 10.39 -8.27	121.47 9.58 -4.24	105.24 7.62 -7.86	90.51 4.62 -7.52	68.69 3.80 6.82	55.80 3.16 13.11	52.93 2.16 7.68
ASHOKAN____ 23654	49.77 2.77 0.00	44.80 2.50 0.00	40.46 2.25 0.00	38.54 2.25 0.00	38.82 2.27 0.00	40.42 2.14 0.00	46.45 2.34 0.00	48.49 2.44 0.00	52.97 2.57 0.00	55.73 2.55 0.00	61.58 2.65 0.00	67.16 2.77 0.00	69.93 3.52 0.00	76.50 3.85 0.00	87.42 5.64 0.00	66.14 9.71 36.92	72.88 12.00 46.26	80.45 11.97 37.52	77.83 12.38 42.20	78.02 9.70 21.43	125.82 3.14 -44.32	118.71 2.51 -44.48	69.97 4.21 0.00	61.54 3.10 0.00
ASTORIA_EAST_ENERGY_CC1 323581	49.97 2.96 0.00	45.19 2.88 0.00	40.73 2.52 0.00	38.65 2.36 0.00	38.93 2.37 0.00	40.62 2.34 0.00	46.76 2.65 0.00	49.18 3.13 0.00	53.43 3.02 0.00	56.63 3.45 0.00	62.22 3.30 0.01	67.54 3.15 0.01	70.59 4.19 0.01	77.00 4.36 0.01	87.98 6.21 0.01	107.74 9.05 -5.34	124.71 10.39 -7.17	150.37 10.39 -33.97	147.04 9.69 -29.69	117.98 7.45 -20.78	107.67 4.46 -24.84	89.63 3.58 -14.33	69.10 3.35 0.01	60.54 2.10 0.01
ASTORIA_EAST_ENERGY_CC2 323582	49.97 2.96 0.00	45.19 2.88 0.00	40.73 2.52 0.00	38.65 2.36 0.00	38.93 2.37 0.00	40.62 2.34 0.00	46.76 2.65 0.00	49.18 3.13 0.00	53.43 3.02 0.00	56.63 3.45 0.00	62.22 3.30 0.01	67.54 3.15 0.01	70.59 4.19 0.01	77.00 4.36 0.01	87.98 6.21 0.01	107.74 9.05 -5.34	124.71 10.39 -7.17	150.37 10.39 -33.97	147.04 9.69 -29.69	117.98 7.45 -20.78	107.67 4.46 -24.84	89.63 3.58 -14.33	69.10 3.35 0.01	60.54 2.10 0.01
ASTORIA_GT2_1 24094	49.96 2.96 0.00	45.23 2.92 0.00	40.77 2.56 0.00	38.69 2.40 0.00	38.96 2.41 0.00	40.65 2.37 0.00	46.81 2.69 0.00	49.27 3.22 0.00	53.53 3.13 0.00	56.68 3.51 0.00	62.28 3.36 0.00	67.54 3.16 0.01	70.66 4.25 0.01	77.14 4.50 0.01	88.07 6.30 0.01	107.84 9.15 -5.34	124.71 10.39 -7.17	150.36 10.39 -33.97	147.04 9.69 -29.69	118.07 7.54 -20.78	107.75 4.55 -24.84	89.63 3.59 -14.33	69.10 3.35 0.01	60.72 2.28 0.01
ASTORIA_GT2_2 24095	49.96 2.96 0.00	45.23 2.92 0.00	40.77 2.56 0.00	38.69 2.40 0.00	38.96 2.41 0.00	40.65 2.37 0.00	46.81 2.69 0.00	49.27 3.22 0.00	53.53 3.13 0.00	56.68 3.51 0.00	62.28 3.36 0.00	67.54 3.16 0.01	70.66 4.25 0.01	77.14 4.50 0.01	88.07 6.30 0.01	107.84 9.15 -5.34	124.71 10.39 -7.17	150.36 10.39 -33.97	147.04 9.69 -29.69	118.07 7.54 -20.78	107.75 4.55 -24.84	89.63 3.59 -14.33	69.10 3.35 0.01	60.72 2.28 0.01
ASTORIA_GT2_3 24096	49.96 2.96 0.00	45.23 2.92 0.00	40.77 2.56 0.00	38.69 2.40 0.00	38.96 2.41 0.00	40.65 2.37 0.00	46.81 2.69 0.00	49.27 3.22 0.00	53.53 3.13 0.00	56.68 3.51 0.00	62.28 3.36 0.00	67.54 3.16 0.01	70.66 4.25 0.01	77.14 4.50 0.01	88.07 6.30 0.01	107.84 9.15 -5.34	124.71 10.39 -7.17	150.36 10.39 -33.97	147.04 9.69 -29.69	118.07 7.54 -20.78	107.75 4.55 -24.84	89.63 3.59 -14.33	69.10 3.35 0.01	60.72 2.28 0.01
ASTORIA_GT2_4 24097	49.96 2.96 0.00	45.23 2.92 0.00	40.77 2.56 0.00	38.69 2.40 0.00	38.96 2.41 0.00	40.65 2.37 0.00	46.81 2.69 0.00	49.27 3.22 0.00	53.53 3.13 0.00	56.68 3.51 0.00	62.28 3.36 0.00	67.54 3.16 0.01	70.66 4.25 0.01	77.14 4.50 0.01	88.07 6.30 0.01	107.84 9.15 -5.34	124.71 10.39 -7.17	150.36 10.39 -33.97	147.04 9.69 -29.69	118.07 7.54 -20.78	107.75 4.55 -24.84	89.63 3.59 -14.33	69.10 3.35 0.01	60.72 2.28 0.01
ASTORIA_GT3_1 24098	49.96 2.96 0.00	45.23 2.92 0.00	40.77 2.56 0.00	38.69 2.40 0.00	38.96 2.41 0.00	40.65 2.37 0.00	46.81 2.69 0.00	49.27 3.22 0.00	53.53 3.13 0.00	56.68 3.51 0.00	62.28 3.36 0.00	67.54 3.16 0.01	70.66 4.25 0.01	77.14 4.50 0.01	88.07 6.30 0.01	107.84 9.15 -5.34	124.71 10.39 -7.17	150.36 10.39 -33.97	147.04 9.69 -29.69	118.07 7.54 -20.78	107.75 4.55 -24.84	89.63 3.59 -14.33	69.10 3.35 0.01	60.72 2.28 0.01
ASTORIA_GT3_2 24099	49.96 2.96 0.00	45.23 2.92 0.00	40.77 2.56 0.00	38.69 2.40 0.00	38.96 2.41 0.00	40.65 2.37 0.00	46.81 2.69 0.00	49.27 3.22 0.00	53.53 3.13 0.00	56.68 3.51 0.00	62.28 3.36 0.00	67.54 3.16 0.01	70.66 4.25 0.01	77.14 4.50 0.01	88.07 6.30 0.01	107.84 9.15 -5.34	124.71 10.39 -7.17	150.36 10.39 -33.97	147.04 9.69 -29.69	118.07 7.54 -20.78	107.75 4.55 -24.84	89.63 3.59 -14.33	69.10 3.35 0.01	60.72 2.28 0.01
ASTORIA_GT3_3 24100	49.96 2.96 0.00	45.23 2.92 0.00	40.77 2.56 0.00	38.69 2.40 0.00	38.96 2.41 0.00	40.65 2.37 0.00	46.81 2.69 0.00	49.27 3.22 0.00	53.53 3.13 0.00	56.68 3.51 0.00	62.28 3.36 0.00	67.54 3.16 0.01	70.66 4.25 0.01	77.14 4.50 0.01	88.07 6.30 0.01	107.84 9.15 -5.34	124.71 10.39 -7.17	150.36 10.39 -33.97	147.04 9.69 -29.69	118.07 7.54 -20.78	107.75 4.55 -24.84	89.63 3.59 -14.33	69.10 3.35 0.01	60.72 2.28 0.01
ASTORIA_GT3_4 24101	49.96 2.96 0.00	45.23 2.92 0.00	40.77 2.56 0.00	38.69 2.40 0.00	38.96 2.41 0.00	40.65 2.37 0.00	46.81 2.69 0.00	49.27 3.22 0.00	53.53 3.13 0.00	56.68 3.51 0.00	62.28 3.36 0.00	67.54 3.16 0.01	70.66 4.25 0.01	77.14 4.50 0.01	88.07 6.30 0.01	107.84 9.15 -5.34	124.71 10.39 -7.17	150.36 10.39 -33.97	147.04 9.69 -29.69	118.07 7.54 -20.78	107.75 4.55 -24.84	89.63 3.59 -14.33	69.10 3.35 0.01	60.72 2.28 0.01
ASTORIA_GT4_1 24102	49.96 2.96 0.00	45.23 2.92 0.00	40.77 2.56 0.00	38.69 2.40 0.00	38.96 2.41 0.00	40.65 2.37 0.00	46.81 2.69 0.00	49.27 3.22 0.00	53.53 3.13 0.00	56.68 3.51 0.00	62.28 3.36 0.00	67.54 3.16 0.01	70.66 4.25 0.01	77.14 4.50 0.01	88.07 6.30 0.01	107.84 9.15 -5.34	124.71 10.39 -7.17	150.36 10.39 -33.97	147.04 9.69 -29.69	118.07 7.54 -20.78	107.75 4.55 -24.84	89.63 3.59 -14.33	69.10 3.35 0.01	60.72 2.28 0.01
ASTORIA_GT4_2 24103	49.96 2.96 0.00	45.23 2.92 0.00	40.77 2.56 0.00	38.69 2.40 0.00	38.96 2.41 0.00	40.65 2.37 0.00	46.81 2.69 0.00	49.27 3.22 0.00	53.53 3.13 0.00	56.68 3.51 0.00	62.28 3.36 0.00	67.54 3.16 0.01	70.66 4.25 0.01	77.14 4.50 0.01	88.07 6.30 0.01	107.84 9.15 -5.34	124.71 10.39 -7.17	150.36 10.39 -33.97	147.04 9.69 -29.69	118.07 7.54 -20.78	107.75 4.55 -24.84	89.63 3.59 -14.33	69.10 3.35 0.01	60.72 2.28 0.01
ASTORIA_GT4_3 24104	49.96 2.96 0.00	45.23 2.92 0.00	40.77 2.56 0.00	38.69 2.40 0.00	38.96 2.41 0.00	40.65 2.37 0.00	46.81 2.69 0.00	49.27 3.22 0.00	53.53 3.13 0.00	56.68 3.51 0.00	62.28 3.36 0.00	67.54 3.16 0.01	70.66 4.25 0.01	77.14 4.50 0.01	88.07 6.30 0.01	107.84 9.15 -5.34	124.71 10.39 -7.17	150.36 10.39 -33.97	147.04 9.69 -29.69	118.07 7.54 -20.78	107.75 4.55 -24.84	89.63 3.59 -14.33	69.10 3.35 0.01	60.72 2.28 0.01

ASTORIA_GT4_4 24105	49.96 2.96 0.00	45.23 2.92 0.00	40.77 2.56 0.00	38.69 2.40 0.00	38.96 2.41 0.00	40.65 2.37 0.00	46.81 2.69 0.00	49.27 3.22 0.00	53.53 3.13 0.00	56.68 3.51 0.00	62.28 3.36 0.00	67.54 3.16 0.01	70.66 4.25 0.01	77.14 4.50 0.01	88.07 6.30 0.01	107.84 9.15 -5.34	124.71 10.39 -7.17	150.36 10.39 -33.97	147.04 9.69 -29.69	118.07 7.54 -20.78	107.75 4.55 -24.84	89.63 3.59 -14.33	69.10 3.35 0.01	60.72 2.28 0.01
ASTORIA_GT_1 23523	50.10 3.10 0.00	45.35 3.05 0.00	40.85 2.64 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.73 2.45 0.00	46.94 2.82 0.00	49.36 3.32 0.00	53.68 3.28 0.00	56.79 3.62 0.00	62.46 3.54 0.00	67.74 3.35 0.01	70.86 4.45 0.01	77.36 4.72 0.01	88.31 6.54 0.01	108.12 9.43 -5.34	125.14 10.82 -7.17	150.78 10.81 -33.97	147.47 10.12 -29.69	118.34 7.81 -20.78	107.98 4.78 -24.84	89.84 3.80 -14.33	69.30 3.55 0.01	60.83 2.40 0.01
ASTORIA_GT_10 24110	49.96 2.96 0.00	45.18 2.88 0.00	40.73 2.52 0.00	38.65 2.36 0.00	39.00 2.45 0.00	40.73 2.45 0.00	46.94 2.82 0.00	49.36 3.32 0.00	53.78 3.38 0.00	56.79 3.62 0.00	62.70 3.77 0.00	67.99 3.61 0.01	70.99 4.58 0.01	77.29 4.65 0.01	88.31 6.54 0.01	107.93 9.24 -5.34	124.46 10.61 -6.70	150.35 10.39 -33.96	147.04 9.69 -29.69	118.07 7.54 -20.78	107.75 4.55 -24.84	89.63 3.59 -14.33	69.10 3.35 0.01	60.95 2.51 0.01
ASTORIA_GT_11 24225	49.96 2.96 0.00	45.18 2.88 0.00	40.73 2.52 0.00	38.65 2.36 0.00	39.00 2.45 0.00	40.73 2.45 0.00	46.94 2.82 0.00	49.36 3.32 0.00	53.78 3.38 0.00	56.79 3.62 0.00	62.70 3.77 0.00	67.99 3.61 0.01	70.99 4.58 0.01	77.29 4.65 0.01	88.31 6.54 0.01	107.93 9.24 -5.34	124.46 10.61 -6.70	150.35 10.39 -33.96	147.04 9.69 -29.69	118.07 7.54 -20.78	107.75 4.55 -24.84	89.63 3.59 -14.33	69.10 3.35 0.01	60.95 2.51 0.01
ASTORIA_GT_12 24226	49.96 2.96 0.00	45.18 2.88 0.00	40.73 2.52 0.00	38.65 2.36 0.00	39.00 2.45 0.00	40.73 2.45 0.00	46.94 2.82 0.00	49.36 3.32 0.00	53.78 3.38 0.00	56.79 3.62 0.00	62.70 3.77 0.00	67.99 3.61 0.01	70.99 4.58 0.01	77.29 4.65 0.01	88.31 6.54 0.01	107.93 9.24 -5.34	124.46 10.61 -6.70	150.35 10.39 -33.96	147.04 9.69 -29.69	118.07 7.54 -20.78	107.75 4.55 -24.84	89.63 3.59 -14.33	69.10 3.35 0.01	60.95 2.51 0.01
ASTORIA_GT_13 24227	49.96 2.96 0.00	45.18 2.88 0.00	40.73 2.52 0.00	38.65 2.36 0.00	39.00 2.45 0.00	40.73 2.45 0.00	46.94 2.82 0.00	49.36 3.32 0.00	53.78 3.38 0.00	56.79 3.62 0.00	62.70 3.77 0.00	67.99 3.61 0.01	70.99 4.58 0.01	77.29 4.65 0.01	88.31 6.54 0.01	107.93 9.24 -5.34	124.46 10.61 -6.70	150.35 10.39 -33.96	147.04 9.69 -29.69	118.07 7.54 -20.78	107.75 4.55 -24.84	89.63 3.59 -14.33	69.10 3.35 0.01	60.95 2.51 0.01
ASTORIA_GT_5 24106	50.10 3.10 0.00	45.35 3.05 0.00	40.85 2.64 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.73 2.45 0.00	46.94 2.82 0.00	49.36 3.32 0.00	53.68 3.28 0.00	56.79 3.62 0.00	62.46 3.54 0.00	67.74 3.35 0.01	70.86 4.45 0.01	77.36 4.72 0.01	88.31 6.54 0.01	108.12 9.43 -5.34	125.14 10.82 -7.17	150.78 10.81 -33.97	147.47 10.12 -29.69	118.34 7.81 -20.78	107.98 4.78 -24.84	89.84 3.80 -14.33	69.30 3.55 0.01	60.83 2.40 0.01
ASTORIA_GT_7 24107	50.10 3.10 0.00	45.35 3.05 0.00	40.85 2.64 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.73 2.45 0.00	46.94 2.82 0.00	49.36 3.32 0.00	53.68 3.28 0.00	56.79 3.62 0.00	62.46 3.54 0.00	67.74 3.35 0.01	70.86 4.45 0.01	77.36 4.72 0.01	88.31 6.54 0.01	108.12 9.43 -5.34	125.14 10.82 -7.17	150.78 10.81 -33.97	147.47 10.12 -29.69	118.34 7.81 -20.78	107.98 4.78 -24.84	89.84 3.80 -14.33	69.30 3.55 0.01	60.83 2.40 0.01
ASTORIA_GT_8 24108	50.10 3.10 0.00	45.35 3.05 0.00	40.85 2.64 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.73 2.45 0.00	46.94 2.82 0.00	49.36 3.32 0.00	53.68 3.28 0.00	56.79 3.62 0.00	62.46 3.54 0.00	67.74 3.35 0.01	70.86 4.45 0.01	77.36 4.72 0.01	88.31 6.54 0.01	108.12 9.43 -5.34	125.14 10.82 -7.17	150.78 10.81 -33.97	147.47 10.12 -29.69	118.34 7.81 -20.78	107.98 4.78 -24.84	89.84 3.80 -14.33	69.30 3.55 0.01	60.83 2.40 0.01
ASTORIA___2 24149	49.97 2.96 0.00	45.22 2.92 0.00	40.77 2.56 0.00	38.65 2.36 0.00	38.93 2.37 0.00	40.62 2.34 0.00	46.76 2.65 0.00	49.18 3.13 0.00	53.48 3.08 0.00	56.68 3.51 0.00	62.22 3.30 0.01	67.54 3.15 0.01	70.66 4.25 0.01	77.00 4.36 0.01	88.07 6.30 0.01	107.84 9.15 -5.34	124.71 10.39 -7.17	150.47 10.50 -33.97	147.04 9.69 -29.69	118.07 7.54 -20.78	107.75 4.54 -24.84	89.70 3.66 -14.33	69.10 3.35 0.01	60.60 2.16 0.01
ASTORIA___3 23516	49.97 2.96 0.00	45.19 2.88 0.00	40.69 2.48 0.00	38.65 2.36 0.00	38.93 2.37 0.00	40.69 2.41 0.00	46.90 2.78 0.00	49.32 3.27 0.00	53.68 3.27 0.00	56.79 3.62 0.00	62.58 3.65 0.00	67.99 3.60 0.01	70.98 4.58 0.01	77.15 4.51 0.01	88.32 6.54 0.01	108.02 9.33 -5.34	124.46 10.61 -6.70	150.46 10.50 -33.96	147.04 9.69 -29.69	118.07 7.54 -20.78	107.75 4.54 -24.84	89.70 3.66 -14.33	69.10 3.35 0.01	60.83 2.40 0.01
ASTORIA___4 23517	49.96 2.96 0.00	45.18 2.88 0.00	40.73 2.52 0.00	38.65 2.36 0.00	39.00 2.45 0.00	40.73 2.45 0.00	46.94 2.82 0.00	49.36 3.32 0.00	53.78 3.38 0.00	56.79 3.62 0.00	62.70 3.77 0.00	67.99 3.61 0.01	70.99 4.58 0.01	77.29 4.65 0.01	88.31 6.54 0.01	107.93 9.24 -5.34	124.46 10.61 -6.70	150.35 10.39 -33.96	147.04 9.69 -29.69	118.07 7.54 -20.78	107.75 4.55 -24.84	89.63 3.59 -14.33	69.10 3.35 0.01	60.95 2.51 0.01
ASTORIA___5 23518	49.97 2.96 0.00	45.19 2.88 0.00	40.69 2.48 0.00	38.65 2.36 0.00	38.93 2.37 0.00	40.69 2.41 0.00	46.90 2.78 0.00	49.32 3.27 0.00	53.68 3.27 0.00	56.79 3.62 0.00	62.58 3.65 0.00	67.99 3.60 0.01	70.98 4.58 0.01	77.15 4.51 0.01	88.32 6.54 0.01	108.02 9.33 -5.34	124.46 10.61 -6.70	150.46 10.50 -33.96	147.04 9.69 -29.69	118.07 7.54 -20.78	107.75 4.54 -24.84	89.70 3.66 -14.33	69.10 3.35 0.01	60.83 2.40 0.01
AST_ENERGY_2_CC3 323677	37.72 2.87 12.15	37.72 2.75 7.34	37.72 2.41 2.90	37.72 2.32 0.89	37.72 2.37 1.21	37.72 2.41 2.97	37.72 2.78 9.18	37.72 3.22 11.55	37.72 3.43 16.11	37.72 3.72 19.17	38.96 3.95 23.91	38.96 3.99 29.43	39.79 4.98 31.61	46.13 4.87 31.39	51.98 6.95 36.75	73.30 9.71 29.76	90.35 11.14 27.94	107.25 10.82 9.57	104.06 10.23 13.83	87.93 7.98 9.80	77.24 4.86 5.99	56.88 4.01 18.85	38.96 3.68 30.48	38.96 2.75 22.23
AST_ENERGY_2_CC4 323678	37.72 2.87 12.15	37.72 2.75 7.34	37.72 2.41 2.90	37.72 2.32 0.89	37.72 2.37 1.21	37.72 2.41 2.97	37.72 2.78 9.18	37.72 3.22 11.55	37.72 3.43 16.11	37.72 3.72 19.17	38.96 3.95 23.91	38.96 3.99 29.43	39.79 4.98 31.61	46.13 4.87 31.39	51.98 6.95 36.75	73.30 9.71 29.76	90.35 11.14 27.94	107.25 10.82 9.57	104.06 10.23 13.83	87.93 7.98 9.80	77.24 4.86 5.99	56.88 4.01 18.85	38.96 3.68 30.48	38.96 2.75 22.23

ATHENS_STG_1 23668	48.37 1.36 0.00	43.62 1.31 0.00	39.51 1.30 0.00	37.56 1.27 0.00	37.86 1.31 0.00	39.62 1.34 0.00	45.44 1.32 0.00	47.48 1.43 0.00	52.02 1.61 0.00	54.82 1.65 0.00	60.69 1.77 0.00	66.26 1.87 0.00	68.80 2.39 0.00	75.04 2.39 0.00	85.37 3.59 0.00	98.10 4.76 0.00	112.72 5.57 0.00	134.00 5.40 -22.59	136.02 5.17 -23.19	107.39 4.04 -13.60	98.49 2.43 -17.69	84.97 2.15 -11.11	67.73 1.97 0.00	59.67 1.23 0.00
ATHENS_STG_2 23670	48.37 1.36 0.00	43.62 1.31 0.00	39.51 1.30 0.00	37.56 1.27 0.00	37.86 1.31 0.00	39.62 1.34 0.00	45.44 1.32 0.00	47.48 1.43 0.00	52.02 1.61 0.00	54.82 1.65 0.00	60.69 1.77 0.00	66.26 1.87 0.00	68.80 2.39 0.00	75.04 2.39 0.00	85.37 3.59 0.00	98.10 4.76 0.00	112.72 5.57 0.00	134.00 5.40 -22.59	136.02 5.17 -23.19	107.39 4.04 -13.60	98.49 2.43 -17.69	84.97 2.15 -11.11	67.73 1.97 0.00	59.67 1.23 0.00
ATHENS_STG_3 23677	48.37 1.36 0.00	43.62 1.31 0.00	39.51 1.30 0.00	37.56 1.27 0.00	37.86 1.31 0.00	39.62 1.34 0.00	45.44 1.32 0.00	47.48 1.43 0.00	52.02 1.61 0.00	54.82 1.65 0.00	60.69 1.77 0.00	66.26 1.87 0.00	68.80 2.39 0.00	75.04 2.39 0.00	85.37 3.59 0.00	98.10 4.76 0.00	112.72 5.57 0.00	134.00 5.40 -22.59	136.02 5.17 -23.19	107.39 4.04 -13.60	98.49 2.43 -17.69	84.97 2.15 -11.11	67.73 1.97 0.00	59.67 1.23 0.00
AUBURN____LFGE 323710	47.75 0.75 0.00	42.82 0.51 0.00	38.55 0.34 0.00	36.54 0.25 0.00	36.84 0.29 0.00	38.66 0.38 0.00	44.47 0.35 0.00	46.42 0.37 0.00	50.76 0.35 0.00	53.71 0.53 0.00	59.63 0.71 0.00	65.42 1.03 0.00	67.54 1.13 0.00	73.96 1.31 0.00	83.42 1.64 0.00	95.03 1.68 0.00	109.19 2.04 0.00	111.10 2.12 -2.98	113.08 2.37 -3.06	92.73 2.24 -0.74	80.09 1.72 0.00	73.15 1.43 0.00	66.94 1.18 0.00	58.97 0.53 0.00
BABYLON_RES_REC 323704	50.10 3.10 0.00	46.16 3.85 -0.01	41.58 3.36 -0.01	39.41 3.12 0.00	39.62 3.07 0.00	41.46 3.18 0.00	47.65 3.53 0.00	49.64 3.59 0.00	52.92 2.52 0.00	55.78 2.71 0.10	62.25 3.48 0.15	68.80 4.51 0.10	71.66 5.25 0.00	78.53 5.88 0.00	95.48 8.35 -5.35	110.85 11.29 -6.21	126.08 13.28 -5.64	160.33 12.93 -41.40	155.20 12.70 -34.85	125.87 10.05 -26.07	109.56 6.34 -24.85	90.86 4.81 -14.34	70.55 4.80 0.00	60.90 2.45 0.00
BALL_HILL_WT_PWR 323825	47.29 0.28 0.00	42.14 -0.17 0.00	37.64 -0.57 0.00	35.82 -0.47 0.00	35.89 -0.66 0.00	37.67 -0.61 0.00	42.75 -1.37 0.00	44.02 -2.03 0.00	47.99 -2.42 0.00	50.99 -2.18 0.00	56.86 -2.06 0.00	62.59 -1.80 0.00	64.42 -1.99 0.00	70.83 -1.81 0.00	79.24 -2.54 0.00	88.59 -4.76 0.00	102.86 -4.29 0.00	105.58 -4.45 -4.02	107.80 -3.98 -4.13	88.14 -2.61 -1.00	76.57 -1.80 0.00	69.28 -2.44 0.00	64.37 -1.38 0.00	57.10 -1.34 0.00
BARON_WINDS____WT_PWR 323822	47.29 0.28 0.00	42.22 -0.08 0.00	37.79 -0.42 0.00	35.93 -0.36 0.00	36.04 -0.51 0.00	37.86 -0.42 0.00	43.19 -0.93 0.00	44.62 -1.43 0.00	48.54 -1.86 0.00	51.42 -1.75 0.00	57.16 -1.77 0.00	62.79 -1.61 0.00	64.82 -1.59 0.00	71.34 -1.31 0.00	80.22 -1.56 0.00	90.55 -2.80 0.00	104.79 -2.36 0.00	109.03 -2.43 -5.46	111.65 -1.61 -5.60	93.61 -0.36 -4.22	84.61 -0.08 -6.33	75.26 -0.43 -3.98	65.76 0.00 0.00	58.04 -0.41 0.00
BARRETT_IC_1 23704	49.82 2.82 0.00	45.70 3.39 -0.01	41.23 3.02 -0.01	39.12 2.83 0.00	39.37 2.81 0.00	41.19 2.91 0.00	47.25 3.13 0.00	49.27 3.22 0.00	52.82 2.42 0.00	55.77 2.60 0.01	62.05 3.12 0.00	68.26 3.86 0.00	71.13 4.72 0.00	77.81 5.16 0.00	153.60 7.28 -64.54	118.66 9.62 -15.70	127.76 11.25 -9.36	154.27 10.92 -37.34	147.92 10.56 -29.71	118.80 8.25 -20.80	108.31 5.09 -24.85	90.00 3.94 -14.34	70.31 4.47 -0.08	60.87 2.34 -0.08
BARRETT_IC_10 23701	49.82 2.82 0.00	45.70 3.39 -0.01	41.23 3.02 -0.01	39.12 2.83 0.00	39.37 2.81 0.00	41.19 2.91 0.00	47.25 3.13 0.00	49.27 3.22 0.00	52.82 2.42 0.00	55.77 2.60 0.01	62.05 3.12 0.00	68.26 3.86 0.00	71.13 4.72 0.00	77.81 5.16 0.00	108.78 7.28 -19.72	111.48 9.62 -8.51	93.85 11.25 24.55	154.27 10.92 -37.34	147.92 10.56 -29.71	118.79 8.25 -20.79	108.31 5.09 -24.85	90.00 3.94 -14.34	70.31 4.47 -0.08	60.87 2.34 -0.08
BARRETT_IC_11 23702	49.82 2.82 0.00	45.70 3.39 -0.01	41.23 3.02 -0.01	39.12 2.83 0.00	39.37 2.81 0.00	41.19 2.91 0.00	47.25 3.13 0.00	49.27 3.22 0.00	52.82 2.42 0.00	55.77 2.60 0.01	62.05 3.12 0.00	68.26 3.86 0.00	71.13 4.72 0.00	77.81 5.16 0.00	108.78 7.28 -19.72	111.48 9.62 -8.51	93.85 11.25 24.55	154.27 10.92 -37.34	147.92 10.56 -29.71	118.79 8.25 -20.79	108.31 5.09 -24.85	90.00 3.94 -14.34	70.31 4.47 -0.08	60.87 2.34 -0.08
BARRETT_IC_12 23703	49.82 2.82 0.00	45.70 3.39 -0.01	41.23 3.02 -0.01	39.12 2.83 0.00	39.37 2.81 0.00	41.19 2.91 0.00	47.25 3.13 0.00	49.27 3.22 0.00	52.82 2.42 0.00	55.77 2.60 0.01	62.05 3.12 0.00	68.26 3.86 0.00	71.13 4.72 0.00	77.81 5.16 0.00	108.78 7.28 -19.72	111.48 9.62 -8.51	93.85 11.25 24.55	154.27 10.92 -37.34	147.92 10.56 -29.71	118.79 8.25 -20.79	108.31 5.09 -24.85	90.00 3.94 -14.34	70.31 4.47 -0.08	60.87 2.34 -0.08
BARRETT_IC_2 23705	49.82 2.82 0.00	45.70 3.39 -0.01	41.23 3.02 -0.01	39.12 2.83 0.00	39.37 2.81 0.00	41.19 2.91 0.00	47.25 3.13 0.00	49.27 3.22 0.00	52.82 2.42 0.00	55.77 2.60 0.01	62.05 3.12 0.00	68.26 3.86 0.00	71.13 4.72 0.00	77.81 5.16 0.00	153.60 7.28 -64.54	118.66 9.62 -15.70	127.76 11.25 -9.36	154.27 10.92 -37.34	147.92 10.56 -29.71	118.80 8.25 -20.80	108.31 5.09 -24.85	90.00 3.94 -14.34	70.31 4.47 -0.08	60.87 2.34 -0.08
BARRETT_IC_3 23706	49.82 2.82 0.00	45.70 3.39 -0.01	41.23 3.02 -0.01	39.12 2.83 0.00	39.37 2.81 0.00	41.19 2.91 0.00	47.25 3.13 0.00	49.27 3.22 0.00	52.82 2.42 0.00	55.77 2.60 0.01	62.05 3.12 0.00	68.26 3.86 0.00	71.13 4.72 0.00	77.81 5.16 0.00	153.60 7.28 -64.54	118.66 9.62 -15.70	127.76 11.25 -9.36	154.27 10.92 -37.34	147.92 10.56 -29.71	118.80 8.25 -20.80	108.31 5.09 -24.85	90.00 3.94 -14.34	70.31 4.47 -0.08	60.87 2.34 -0.08
BARRETT_IC_4 23707	49.82 2.82 0.00	45.70 3.39 -0.01	41.23 3.02 -0.01	39.12 2.83 0.00	39.37 2.81 0.00	41.19 2.91 0.00	47.25 3.13 0.00	49.27 3.22 0.00	52.82 2.42 0.00	55.77 2.60 0.01	62.05 3.12 0.00	68.26 3.86 0.00	71.13 4.72 0.00	77.81 5.16 0.00	153.60 7.28 -64.54	118.66 9.62 -15.70	127.76 11.25 -9.36	154.27 10.92 -37.34	147.92 10.56 -29.71	118.80 8.25 -20.80	108.31 5.09 -24.85	90.00 3.94 -14.34	70.31 4.47 -0.08	60.87 2.34 -0.08
BARRETT_IC_5 23708	49.82 2.82 0.00	45.70 3.39 -0.01	41.23 3.02 -0.01	39.12 2.83 0.00	39.37 2.81 0.00	41.19 2.91 0.00	47.25 3.13 0.00	49.27 3.22 0.00	52.82 2.42 0.00	55.77 2.60 0.01	62.05 3.12 0.00	68.26 3.86 0.00	71.13 4.72 0.00	77.81 5.16 0.00	153.60 7.28 -64.54	118.66 9.62 -15.70	127.76 11.25 -9.36	154.27 10.92 -37.34	147.92 10.56 -29.71	118.80 8.25 -20.80	108.31 5.09 -24.85	90.00 3.94 -14.34	70.31 4.47 -0.08	60.87 2.34 -0.08

BARRETT_IC_6 23709	49.82 2.82 0.00	45.70 3.39 -0.01	41.23 3.02 -0.01	39.12 2.83 0.00	39.37 2.81 0.00	41.19 2.91 0.00	47.25 3.13 0.00	49.27 3.22 0.00	52.82 2.42 0.00	55.77 2.60 0.01	62.05 3.12 0.00	68.26 3.86 0.00	71.13 4.72 0.00	77.81 5.16 0.00	153.60 7.28 -64.54	118.66 9.62 -15.70	127.76 11.25 -9.36	154.27 10.92 -37.34	147.92 10.56 -29.71	118.80 8.25 -20.80	108.31 5.09 -24.85	90.00 3.94 -14.34	70.31 4.47 -0.08	60.87 2.34 -0.08
BARRETT_IC_7 23710	50.43 3.43 0.00	45.69 3.38 0.00	41.23 3.02 0.00	39.12 2.83 0.00	39.37 2.81 0.00	41.23 2.95 0.00	47.38 3.26 0.00	49.59 3.55 0.00	52.88 2.47 0.00	55.72 2.55 0.01	62.28 3.36 0.00	68.26 3.86 0.00	71.13 4.72 0.00	77.88 5.23 0.00	153.60 7.28 -64.54	118.66 9.61 -15.70	127.65 11.14 -9.36	154.16 10.81 -37.34	147.91 10.55 -29.70	118.80 8.26 -20.79	108.31 5.09 -24.85	89.93 3.87 -14.34	70.25 4.41 -0.08	61.04 2.51 -0.08
BARRETT_IC_8 23711	49.82 2.82 0.00	45.70 3.39 -0.01	41.23 3.02 -0.01	39.12 2.83 0.00	39.37 2.81 0.00	41.19 2.91 0.00	47.25 3.13 0.00	49.27 3.22 0.00	52.82 2.42 0.00	55.77 2.60 0.01	62.05 3.12 0.00	68.26 3.86 0.00	71.13 4.72 0.00	77.81 5.16 0.00	153.60 7.28 -64.54	118.66 9.62 -15.70	127.76 11.25 -9.36	154.27 10.92 -37.34	147.92 10.56 -29.71	118.80 8.25 -20.80	108.31 5.09 -24.85	90.00 3.94 -14.34	70.31 4.47 -0.08	60.87 2.34 -0.08
BARRETT_IC_9 23700	49.82 2.82 0.00	45.70 3.39 -0.01	41.23 3.02 -0.01	39.12 2.83 0.00	39.37 2.81 0.00	41.19 2.91 0.00	47.25 3.13 0.00	49.27 3.22 0.00	52.82 2.42 0.00	55.77 2.60 0.01	62.05 3.12 0.00	68.26 3.86 0.00	71.13 4.72 0.00	77.81 5.16 0.00	108.78 7.28 -19.72	111.48 9.62 -8.51	93.85 11.25 24.55	154.27 10.92 -37.34	147.92 10.56 -29.71	118.79 8.25 -20.79	108.31 5.09 -24.85	90.00 3.94 -14.34	70.31 4.47 -0.08	60.87 2.34 -0.08
BARRETT___1 23545	49.82 2.82 0.00	45.70 3.39 -0.01	41.23 3.02 -0.01	39.12 2.83 0.00	39.37 2.81 0.00	41.19 2.91 0.00	47.25 3.13 0.00	49.27 3.22 0.00	52.82 2.42 0.00	55.77 2.60 0.01	62.05 3.12 0.00	68.26 3.86 0.00	71.13 4.72 0.00	77.81 5.16 0.00	153.60 7.28 -64.54	118.66 9.62 -15.70	127.76 11.25 -9.36	154.27 10.92 -37.34	147.92 10.56 -29.71	118.80 8.25 -20.80	108.31 5.09 -24.85	90.00 3.94 -14.34	70.31 4.47 -0.08	60.87 2.34 -0.08
BARRETT___2 23546	49.82 2.82 0.00	45.70 3.39 -0.01	41.23 3.02 -0.01	39.12 2.83 0.00	39.37 2.81 0.00	41.19 2.91 0.00	47.25 3.13 0.00	49.27 3.22 0.00	52.82 2.42 0.00	55.77 2.60 0.01	62.05 3.12 0.00	68.26 3.86 0.00	71.13 4.72 0.00	77.81 5.16 0.00	108.78 7.28 -19.72	111.48 9.62 -8.51	93.85 11.25 24.55	154.27 10.92 -37.34	147.92 10.56 -29.71	118.79 8.25 -20.79	108.31 5.09 -24.85	90.00 3.94 -14.34	70.31 4.47 -0.08	60.87 2.34 -0.08
BATAVIA___115KV_TB1 55881	48.65 1.65 0.00	43.32 1.02 0.00	38.67 0.46 0.00	36.80 0.51 0.00	36.84 0.29 0.00	38.55 0.27 0.00	43.72 -0.40 0.00	45.03 -1.01 0.00	48.89 -1.51 0.00	52.22 -0.96 0.00	58.04 -0.88 0.00	63.88 -0.52 0.00	65.88 -0.53 0.00	72.14 -0.51 0.00	81.04 -0.74 0.00	90.64 -2.71 0.00	105.01 -2.14 0.00	107.31 -2.01 -3.32	109.45 -1.61 -3.41	89.85 -0.72 -0.82	78.44 0.08 0.00	71.21 -0.50 0.00	65.56 -0.20 0.00	57.86 -0.58 0.00
BAYONEEC___CTG1 323682	49.92 2.92 0.00	45.10 2.79 0.00	40.66 2.45 0.00	38.61 2.32 0.00	38.93 2.37 0.00	40.73 2.45 0.00	46.94 2.83 0.00	49.32 3.27 0.00	53.88 3.48 0.00	56.95 3.78 0.00	62.93 4.01 0.00	68.39 3.99 0.00	71.40 4.98 0.00	77.52 4.87 0.00	88.73 6.95 0.00	108.40 9.71 -5.34	124.99 11.14 -6.70	150.78 10.82 -33.96	147.59 10.23 -29.70	118.52 7.98 -20.79	108.07 4.86 -24.84	89.99 3.94 -14.34	69.44 3.68 0.00	61.25 2.81 0.00
BAYONEEC___CTG10 323750	49.92 2.92 0.00	45.10 2.79 0.00	40.66 2.45 0.00	38.61 2.32 0.00	38.93 2.37 0.00	40.73 2.45 0.00	46.94 2.83 0.00	49.32 3.27 0.00	53.88 3.48 0.00	56.95 3.78 0.00	62.93 4.01 0.00	68.39 3.99 0.00	71.40 4.98 0.00	77.52 4.87 0.00	88.73 6.95 0.00	108.40 9.71 -5.34	124.99 11.14 -6.70	150.78 10.82 -33.96	147.59 10.23 -29.70	118.52 7.98 -20.79	108.07 4.86 -24.84	89.99 3.94 -14.34	69.44 3.68 0.00	61.25 2.81 0.00
BAYONEEC___CTG2 323683	49.92 2.92 0.00	45.10 2.79 0.00	40.66 2.45 0.00	38.61 2.32 0.00	38.93 2.37 0.00	40.73 2.45 0.00	46.94 2.83 0.00	49.32 3.27 0.00	53.88 3.48 0.00	56.95 3.78 0.00	62.93 4.01 0.00	68.39 3.99 0.00	71.40 4.98 0.00	77.52 4.87 0.00	88.73 6.95 0.00	108.40 9.71 -5.34	124.99 11.14 -6.70	150.78 10.82 -33.96	147.59 10.23 -29.70	118.52 7.98 -20.79	108.07 4.86 -24.84	89.99 3.94 -14.34	69.44 3.68 0.00	61.25 2.81 0.00
BAYONEEC___CTG3 323684	49.92 2.92 0.00	45.10 2.79 0.00	40.66 2.45 0.00	38.61 2.32 0.00	38.93 2.37 0.00	40.73 2.45 0.00	46.94 2.83 0.00	49.32 3.27 0.00	53.88 3.48 0.00	56.95 3.78 0.00	62.93 4.01 0.00	68.39 3.99 0.00	71.40 4.98 0.00	77.52 4.87 0.00	88.73 6.95 0.00	108.40 9.71 -5.34	124.99 11.14 -6.70	150.78 10.82 -33.96	147.59 10.23 -29.70	118.52 7.98 -20.79	108.07 4.86 -24.84	89.99 3.94 -14.34	69.44 3.68 0.00	61.25 2.81 0.00
BAYONEEC___CTG4 323685	49.92 2.92 0.00	45.10 2.79 0.00	40.66 2.45 0.00	38.61 2.32 0.00	38.93 2.37 0.00	40.73 2.45 0.00	46.94 2.83 0.00	49.32 3.27 0.00	53.88 3.48 0.00	56.95 3.78 0.00	62.93 4.01 0.00	68.39 3.99 0.00	71.40 4.98 0.00	77.52 4.87 0.00	88.73 6.95 0.00	108.40 9.71 -5.34	124.99 11.14 -6.70	150.78 10.82 -33.96	147.59 10.23 -29.70	118.52 7.98 -20.79	108.07 4.86 -24.84	89.99 3.94 -14.34	69.44 3.68 0.00	61.25 2.81 0.00
BAYONEEC___CTG5 323686	49.92 2.92 0.00	45.10 2.79 0.00	40.66 2.45 0.00	38.61 2.32 0.00	38.93 2.37 0.00	40.73 2.45 0.00	46.94 2.83 0.00	49.32 3.27 0.00	53.88 3.48 0.00	56.95 3.78 0.00	62.93 4.01 0.00	68.39 3.99 0.00	71.40 4.98 0.00	77.52 4.87 0.00	88.73 6.95 0.00	108.40 9.71 -5.34	124.99 11.14 -6.70	150.78 10.82 -33.96	147.59 10.23 -29.70	118.52 7.98 -20.79	108.07 4.86 -24.84	89.99 3.94 -14.34	69.44 3.68 0.00	61.25 2.81 0.00
BAYONEEC___CTG6 323687	49.92 2.92 0.00	45.10 2.79 0.00	40.66 2.45 0.00	38.61 2.32 0.00	38.93 2.37 0.00	40.73 2.45 0.00	46.94 2.83 0.00	49.32 3.27 0.00	53.88 3.48 0.00	56.95 3.78 0.00	62.93 4.01 0.00	68.39 3.99 0.00	71.40 4.98 0.00	77.52 4.87 0.00	88.73 6.95 0.00	108.40 9.71 -5.34	124.99 11.14 -6.70	150.78 10.82 -33.96	147.59 10.23 -29.70	118.52 7.98 -20.79	108.07 4.86 -24.84	89.99 3.94 -14.34	69.44 3.68 0.00	61.25 2.81 0.00
BAYONEEC___CTG7 323688	49.92 2.92 0.00	45.10 2.79 0.00	40.66 2.45 0.00	38.61 2.32 0.00	38.93 2.37 0.00	40.73 2.45 0.00	46.94 2.83 0.00	49.32 3.27 0.00	53.88 3.48 0.00	56.95 3.78 0.00	62.93 4.01 0.00	68.39 3.99 0.00	71.40 4.98 0.00	77.52 4.87 0.00	88.73 6.95 0.00	108.40 9.71 -5.34	124.99 11.14 -6.70	150.78 10.82 -33.96	147.59 10.23 -29.70	118.52 7.98 -20.79	108.07 4.86 -24.84	89.99 3.94 -14.34	69.44 3.68 0.00	61.25 2.81 0.00

BAYONEEC___CTG8 323689	49.92 2.92 0.00	45.10 2.79 0.00	40.66 2.45 0.00	38.61 2.32 0.00	38.93 2.37 0.00	40.73 2.45 0.00	46.94 2.83 0.00	49.32 3.27 0.00	53.88 3.48 0.00	56.95 3.78 0.00	62.93 4.01 0.00	68.39 3.99 0.00	71.40 4.98 0.00	77.52 4.87 0.00	88.73 6.95 0.00	108.40 9.71 -5.34	124.99 11.14 -6.70	150.78 10.82 -33.96	147.59 10.23 -29.70	118.52 7.98 -20.79	108.07 4.86 -24.84	89.99 3.94 -14.34	69.44 3.68 0.00	61.25 2.81 0.00
BAYONEEC___CTG9 323749	49.92 2.92 0.00	45.10 2.79 0.00	40.66 2.45 0.00	38.61 2.32 0.00	38.93 2.37 0.00	40.73 2.45 0.00	46.94 2.83 0.00	49.32 3.27 0.00	53.88 3.48 0.00	56.95 3.78 0.00	62.93 4.01 0.00	68.39 3.99 0.00	71.40 4.98 0.00	77.52 4.87 0.00	88.73 6.95 0.00	108.40 9.71 -5.34	124.99 11.14 -6.70	150.78 10.82 -33.96	147.59 10.23 -29.70	118.52 7.98 -20.79	108.07 4.86 -24.84	89.99 3.94 -14.34	69.44 3.68 0.00	61.25 2.81 0.00
BEACON___LESR 323632	48.32 1.31 0.00	43.49 1.18 0.00	39.32 1.11 0.00	37.38 1.09 0.00	37.69 1.13 0.00	39.47 1.19 0.00	45.26 1.15 0.00	47.29 1.24 0.00	51.97 1.56 0.00	54.55 1.38 0.00	60.52 1.59 0.00	66.13 1.74 0.00	68.21 1.79 0.00	74.53 1.89 0.00	84.81 3.03 0.00	1.64 4.20 95.91	-8.01 5.04 120.20	-31.19 5.09 142.29	-39.71 4.85 152.21	2.98 3.77 90.54	138.66 2.43 -57.86	152.78 2.15 -78.92	67.80 2.04 0.00	59.73 1.28 0.00
BEAVER RIVER___HYD 24048	47.94 0.94 0.00	43.20 0.89 0.00	38.78 0.57 0.00	36.73 0.44 0.00	36.95 0.40 0.00	38.86 0.58 0.00	44.87 0.75 0.00	46.83 0.78 0.00	51.11 0.71 0.00	53.81 0.64 0.00	59.46 0.53 0.00	65.17 0.78 0.00	67.14 0.73 0.00	73.81 1.16 0.00	83.50 1.72 0.00	97.80 1.77 -2.68	130.44 2.35 -20.93	114.79 2.86 -5.92	118.27 4.19 -6.41	96.12 4.57 -1.79	82.59 4.23 0.00	75.51 3.80 0.00	68.65 2.89 0.00	61.01 2.57 0.00
BEEBEE_GT_13 23619	47.94 0.94 0.00	42.86 0.55 0.00	38.40 0.19 0.00	36.44 0.15 0.00	36.62 0.07 0.00	38.32 0.04 0.00	43.63 -0.49 0.00	45.22 -0.83 0.00	49.30 -1.11 0.00	52.54 -0.64 0.00	58.45 -0.47 0.00	64.39 0.00 0.00	66.48 0.07 0.00	72.72 0.07 0.00	81.86 0.08 0.00	92.13 -1.21 0.00	106.29 -0.86 0.00	105.26 -0.74 0.00	107.12 -0.54 0.00	89.48 -0.27 0.00	78.44 0.08 0.00	71.43 -0.29 0.00	65.56 -0.20 0.00	57.86 -0.58 0.00
BENSHRST_27_KV_BENSHRST_1 355998	50.39 3.38 0.00	45.65 3.34 0.00	41.07 2.87 0.00	38.94 2.65 0.00	39.26 2.70 0.00	41.00 2.72 0.00	47.25 3.13 0.00	49.78 3.73 0.00	54.03 3.63 0.00	57.16 3.99 0.00	63.23 4.30 0.00	68.64 4.25 0.01	71.72 5.31 0.01	78.16 5.52 0.01	89.30 7.52 0.01	109.24 10.55 -5.34	125.63 11.79 -6.70	151.62 11.66 -33.96	148.22 10.87 -29.69	119.24 8.71 -20.78	108.84 5.64 -24.84	90.71 4.66 -14.33	69.76 4.01 0.01	61.48 3.04 0.01
BETHLEHEM___GRP 23843	47.57 0.56 0.00	42.86 0.55 0.00	38.78 0.57 0.00	36.87 0.58 0.00	37.17 0.62 0.00	38.89 0.61 0.00	44.60 0.49 0.00	46.60 0.55 0.00	51.16 0.76 0.00	53.76 0.58 0.00	59.57 0.65 0.00	65.04 0.64 0.00	67.21 0.80 0.00	73.45 0.80 0.00	83.42 1.64 0.00	43.74 2.52 52.13	44.93 3.11 65.33	57.78 2.97 51.20	59.13 2.69 51.22	77.42 2.06 14.39	167.08 0.94 -87.78	149.83 0.79 -77.33	66.54 0.79 0.00	58.74 0.29 0.00
BETHLEHEM___GS1 323560	47.52 0.52 0.00	42.86 0.55 0.00	38.78 0.57 0.00	36.87 0.58 0.00	37.13 0.58 0.00	38.89 0.61 0.00	44.60 0.49 0.00	46.60 0.55 0.00	51.11 0.71 0.00	53.76 0.59 0.00	59.58 0.65 0.00	65.04 0.64 0.00	67.21 0.80 0.00	73.37 0.73 0.00	83.41 1.63 0.00	43.74 2.52 52.13	44.93 3.11 65.33	57.77 2.96 51.20	59.13 2.69 51.22	77.42 2.07 14.39	167.08 0.94 -87.78	149.83 0.79 -77.33	66.55 0.79 0.00	58.68 0.23 0.00
BETHLEHEM___GS2 323561	47.52 0.52 0.00	42.86 0.55 0.00	38.78 0.57 0.00	36.87 0.58 0.00	37.13 0.58 0.00	38.89 0.61 0.00	44.60 0.49 0.00	46.60 0.55 0.00	51.11 0.71 0.00	53.76 0.59 0.00	59.58 0.65 0.00	65.04 0.64 0.00	67.21 0.80 0.00	73.37 0.73 0.00	83.41 1.63 0.00	43.74 2.52 52.13	44.93 3.11 65.33	57.77 2.96 51.20	59.13 2.69 51.22	77.42 2.07 14.39	167.08 0.94 -87.78	149.83 0.79 -77.33	66.55 0.79 0.00	58.68 0.23 0.00
BETHLEHEM___GS3 323562	47.52 0.52 0.00	42.86 0.55 0.00	38.78 0.57 0.00	36.87 0.58 0.00	37.13 0.58 0.00	38.89 0.61 0.00	44.60 0.49 0.00	46.60 0.55 0.00	51.11 0.71 0.00	53.76 0.59 0.00	59.58 0.65 0.00	65.04 0.64 0.00	67.21 0.80 0.00	73.37 0.73 0.00	83.41 1.63 0.00	43.74 2.52 52.13	44.93 3.11 65.33	57.77 2.96 51.20	59.13 2.69 51.22	77.42 2.07 14.39	167.08 0.94 -87.78	149.83 0.79 -77.33	66.55 0.79 0.00	58.68 0.23 0.00
BETHLEHEM___STEEL 23779	47.24 0.24 0.00	42.10 -0.21 0.00	37.56 -0.65 0.00	35.75 -0.54 0.00	35.78 -0.77 0.00	37.52 -0.77 0.00	42.48 -1.63 0.00	43.56 -2.49 0.00	47.48 -2.92 0.00	50.73 -2.45 0.00	56.51 -2.42 0.00	62.33 -2.06 0.00	64.15 -2.26 0.00	70.18 -2.47 0.00	78.84 -2.94 0.00	88.03 -5.32 0.00	102.22 -4.93 0.00	104.77 -5.19 -3.97	106.88 -4.84 -4.07	87.41 -3.32 -0.98	76.01 -2.35 0.00	68.92 -2.80 0.00	63.85 -1.91 0.00	56.40 -2.05 0.00
BETHLHEM_115KV_TB1 79974	47.66 0.66 0.00	42.98 0.68 0.00	38.90 0.69 0.00	36.98 0.69 0.00	37.25 0.69 0.00	39.01 0.73 0.00	44.73 0.62 0.00	46.74 0.69 0.00	51.26 0.86 0.00	53.86 0.69 0.00	59.69 0.77 0.00	65.17 0.77 0.00	67.41 1.00 0.00	73.59 0.94 0.00	83.66 1.88 0.00	47.01 2.71 49.04	48.91 3.21 61.46	62.62 3.18 46.57	63.94 2.91 46.63	79.48 2.24 12.51	163.55 1.10 -84.09	146.36 0.93 -73.72	66.68 0.92 0.00	58.85 0.41 0.00
BETHPAGE_CC_5 323564	49.92 2.92 0.00	45.95 3.64 -0.01	41.39 3.17 -0.01	39.27 2.98 0.00	39.51 2.96 0.00	41.34 3.06 0.00	47.51 3.40 0.00	49.46 3.41 0.00	52.82 2.42 0.00	55.70 2.60 0.07	62.10 3.30 0.12	68.44 4.12 0.08	71.40 4.98 0.00	78.10 5.45 0.00	96.23 7.85 -6.60	110.30 10.54 -6.41	125.37 12.42 -5.79	156.51 12.08 -38.43	150.48 11.74 -31.09	121.21 9.25 -22.21	108.93 5.72 -24.85	90.36 4.30 -14.34	70.10 4.34 0.00	60.67 2.22 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	47.24 0.24 0.00	42.10 -0.21 0.00	37.56 -0.65 0.00	35.71 -0.58 0.00	35.75 -0.80 0.00	37.52 -0.77 0.00	42.48 -1.63 0.00	43.61 -2.44 0.00	47.53 -2.87 0.00	50.83 -2.34 0.00	56.57 -2.36 0.00	62.46 -1.93 0.00	64.29 -2.13 0.00	70.40 -2.25 0.00	79.08 -2.70 0.00	88.31 -5.04 0.00	102.65 -4.50 0.00	105.15 -4.88 -4.02	107.27 -4.52 -4.13	87.69 -3.05 -1.00	76.25 -2.12 0.00	69.06 -2.65 0.00	64.05 -1.71 0.00	56.46 -1.99 0.00
BINGHAMTON___COGEN 23790	47.71 0.71 0.00	42.82 0.51 0.00	38.55 0.34 0.00	36.62 0.33 0.00	36.88 0.33 0.00	38.66 0.38 0.00	44.38 0.26 0.00	46.23 0.18 0.00	50.56 0.15 0.00	53.65 0.48 0.00	59.57 0.65 0.00	65.30 0.90 0.00	67.54 1.13 0.00	73.96 1.31 0.00	83.58 1.80 0.00	95.12 1.77 0.00	108.97 1.82 0.00	116.13 1.70 -8.43	118.25 1.94 -8.66	98.31 1.88 -6.67	89.81 1.33 -10.11	79.08 1.00 -6.36	66.81 1.05 0.00	58.74 0.29 0.00

BIXINCNT_115KV_LOAD 355685	46.30 -0.71 0.00	41.25 -1.06 0.00	36.68 -1.53 0.00	34.95 -1.34 0.00	35.02 -1.54 0.00	36.86 -1.42 0.00	41.87 -2.25 0.00	43.10 -2.95 0.00	47.33 -3.07 0.00	50.73 -2.45 0.00	56.45 -2.47 0.00	62.14 -2.25 0.00	63.89 -2.52 0.00	70.47 -2.18 0.00	79.16 -2.62 0.00	88.59 -4.76 0.00	102.86 -4.29 0.00	105.73 -4.56 -4.29	108.08 -3.98 -4.40	88.21 -2.60 -1.06	76.48 -1.88 0.00	69.42 -2.29 0.00	64.31 -1.45 0.00	56.52 -1.93 0.00
BLACK RIVER___HYD 24047	48.88 1.88 0.00	44.04 1.74 0.00	39.39 1.19 0.00	37.34 1.05 0.00	37.65 1.10 0.00	39.58 1.30 0.00	45.62 1.50 0.00	47.61 1.57 0.00	51.97 1.56 0.00	54.72 1.54 0.00	60.46 1.53 0.00	66.26 1.87 0.00	68.14 1.72 0.00	74.97 2.32 0.00	84.47 2.69 0.00	98.27 3.08 -1.85	125.31 3.75 -14.42	114.44 4.35 -4.09	118.00 5.92 -4.42	97.17 6.19 -1.24	84.01 5.65 0.00	76.73 5.02 0.00	69.57 3.81 0.00	61.66 3.21 0.00
BLACKRVR_115KV_TB2 79977	48.84 1.83 0.00	44.04 1.73 0.00	39.39 1.18 0.00	37.31 1.02 0.00	37.61 1.06 0.00	39.54 1.26 0.00	45.62 1.50 0.00	47.57 1.52 0.00	51.92 1.51 0.00	54.61 1.44 0.00	60.46 1.53 0.00	66.26 1.87 0.00	68.14 1.73 0.00	74.97 2.32 0.00	84.48 2.70 0.00	98.28 3.08 -1.85	125.32 3.75 -14.42	114.44 4.35 -4.09	118.00 5.92 -4.42	97.18 6.19 -1.24	84.01 5.64 0.00	76.73 5.02 0.00	69.57 3.81 0.00	61.66 3.21 0.00
BLDWN_LI_69_KV_BK4 356085	50.90 3.90 0.00	46.12 3.81 0.00	41.57 3.36 0.00	39.41 3.12 0.00	39.66 3.11 0.00	41.54 3.25 0.00	47.73 3.62 0.00	50.01 3.96 0.00	53.33 2.92 0.00	56.25 3.08 0.01	62.99 4.07 0.00	68.97 4.57 0.00	71.86 5.45 0.00	78.75 6.10 0.00	110.97 8.18 -21.02	112.90 10.83 -8.72	126.60 12.75 -6.70	155.75 12.40 -37.34	149.42 12.06 -29.70	120.06 9.51 -20.79	109.25 6.03 -24.85	90.86 4.80 -14.34	70.84 5.06 -0.02	61.51 3.04 -0.02
BLISS_WT_PWR 323608	46.25 -0.75 0.00	41.25 -1.06 0.00	36.72 -1.49 0.00	34.95 -1.34 0.00	35.05 -1.50 0.00	36.94 -1.34 0.00	41.96 -2.16 0.00	43.29 -2.76 0.00	47.58 -2.82 0.00	50.68 -2.50 0.00	56.45 -2.47 0.00	62.01 -2.38 0.00	63.75 -2.66 0.00	70.69 -1.96 0.00	79.08 -2.70 0.00	88.49 -4.86 0.00	102.75 -4.40 0.00	105.74 -4.56 -4.29	108.08 -3.98 -4.40	88.12 -2.69 -1.06	76.41 -1.96 0.00	69.20 -2.51 0.00	64.25 -1.51 0.00	56.92 -1.52 0.00
BLUESTONE___WT_PWR 323821	50.01 3.01 0.00	45.02 2.71 0.00	40.42 2.22 0.00	38.32 2.03 0.00	38.71 2.16 0.00	40.66 2.37 0.00	46.76 2.65 0.00	48.76 2.72 0.00	53.28 2.87 0.00	56.20 3.03 0.00	62.40 3.48 0.00	68.71 4.31 0.00	71.06 4.65 0.00	78.24 5.59 0.00	88.16 6.38 0.00	100.72 7.37 0.00	115.73 8.58 0.00	126.78 8.48 -12.30	129.64 9.36 -12.63	109.26 8.08 -11.43	103.54 6.66 -18.52	89.16 5.81 -11.64	70.69 4.93 0.00	62.30 3.86 0.00
BLUE_CIRC_CHEM_DRP 24182	48.32 1.32 0.00	43.53 1.23 0.00	39.39 1.18 0.00	37.45 1.16 0.00	37.76 1.21 0.00	39.51 1.22 0.00	45.26 1.15 0.00	47.15 1.11 0.00	51.67 1.26 0.00	54.29 1.12 0.00	60.10 1.18 0.00	65.62 1.22 0.00	67.67 1.26 0.00	72.65 0.00 0.00	82.52 0.74 0.00	46.86 1.40 47.89	48.85 1.71 60.01	55.51 1.70 52.19	53.89 1.61 55.38	65.03 1.17 25.89	138.25 0.31 -59.57	130.41 0.29 -58.41	66.15 0.39 0.00	58.50 0.06 0.00
BOC_GAS_DRP 24189	47.94 0.94 0.00	43.20 0.89 0.00	39.13 0.92 0.00	37.20 0.91 0.00	37.46 0.91 0.00	39.24 0.96 0.00	45.00 0.88 0.00	46.97 0.92 0.00	51.51 1.11 0.00	54.18 1.01 0.00	60.05 1.12 0.00	65.55 1.16 0.00	67.81 1.39 0.00	73.96 1.31 0.00	83.99 2.21 0.00	64.45 2.99 31.88	70.73 3.54 39.95	88.54 3.39 20.85	89.78 3.23 21.11	90.22 2.51 2.04	143.32 1.33 -63.62	126.57 1.22 -53.64	66.94 1.18 0.00	59.15 0.70 0.00
BOONVILLE_115KV_TB1 79983	48.18 1.18 0.00	43.41 1.10 0.00	39.05 0.84 0.00	37.02 0.73 0.00	37.32 0.77 0.00	39.16 0.88 0.00	45.18 1.06 0.00	47.15 1.11 0.00	51.56 1.16 0.00	54.29 1.12 0.00	60.22 1.30 0.00	66.00 1.61 0.00	68.14 1.73 0.00	74.83 2.18 0.00	84.56 2.78 0.00	97.63 3.27 -1.01	118.78 3.96 -7.67	112.37 4.13 -2.24	115.03 4.95 -2.42	95.00 4.58 -0.68	82.28 3.92 0.00	75.23 3.51 0.00	68.52 2.76 0.00	60.72 2.28 0.00
BORALEX_4TH_BRANCH 23824	49.63 2.63 0.00	44.72 2.41 0.00	40.46 2.25 0.00	38.50 2.21 0.00	38.82 2.27 0.00	40.65 2.37 0.00	46.54 2.43 0.00	48.63 2.58 0.00	53.48 3.07 0.00	55.94 2.77 0.00	61.93 3.01 0.00	67.61 3.22 0.00	70.20 3.79 0.00	76.79 4.14 0.00	87.42 5.64 0.00	133.43 7.28 -32.80	156.94 8.68 -41.11	254.98 8.59 -140.39	282.10 8.50 -165.93	259.28 6.91 -162.62	277.58 4.86 -194.36	179.56 4.30 -103.54	69.77 4.01 0.00	61.48 3.04 0.00
BOWLINE___1 23526	49.17 2.16 0.00	44.42 2.11 0.00	40.12 1.91 0.00	38.18 1.89 0.00	38.45 1.90 0.00	40.23 1.95 0.00	46.23 2.12 0.00	48.44 2.39 0.00	52.97 2.57 0.00	55.94 2.76 0.00	61.93 3.00 0.00	67.55 3.15 0.00	70.46 4.05 0.00	76.79 4.14 0.00	87.67 5.89 0.00	106.33 8.03 -4.95	122.79 9.43 -6.21	147.67 9.22 -32.45	144.80 8.72 -28.43	116.42 6.82 -19.86	106.44 4.15 -23.92	89.03 3.44 -13.87	68.91 3.16 0.00	60.55 2.10 0.00
BOWLINE___2 23595	49.07 2.07 0.00	44.38 2.07 0.00	40.12 1.91 0.00	38.14 1.85 0.00	38.45 1.90 0.00	40.19 1.91 0.00	46.15 2.03 0.00	48.39 2.35 0.00	52.92 2.52 0.00	55.88 2.71 0.00	61.81 2.89 0.00	67.48 3.09 0.00	70.33 3.92 0.00	76.71 4.07 0.00	87.59 5.81 0.00	106.23 7.93 -4.95	122.68 9.32 -6.21	147.46 9.01 -32.45	144.71 8.62 -28.43	116.34 6.73 -19.86	106.36 4.07 -23.93	88.89 3.30 -13.87	68.78 3.03 0.00	60.43 1.99 0.00
BRADY___115KV_TB2 356060	47.38 0.38 0.00	42.69 0.38 0.00	38.44 0.23 0.00	36.47 0.18 0.00	36.62 0.07 0.00	38.40 0.11 0.00	44.60 0.49 0.00	46.37 0.32 0.00	50.46 0.05 0.00	53.17 0.00 0.00	58.63 -0.29 0.00	64.01 -0.39 0.00	65.62 -0.80 0.00	71.92 -0.73 0.00	80.06 -1.72 0.00	80.35 -3.08 9.91	78.25 -3.86 25.04	80.62 -3.50 21.89	81.06 -2.91 23.69	81.24 -1.88 6.62	78.44 0.08 0.00	71.93 0.22 0.00	65.95 0.20 0.00	59.38 0.94 0.00
BRANSCOMB___SOLAR 323811	49.49 2.49 0.00	44.55 2.24 0.00	40.27 2.06 0.00	38.25 1.96 0.00	38.60 2.05 0.00	40.42 2.14 0.00	46.28 2.16 0.00	48.26 2.21 0.00	52.87 2.47 0.00	55.41 2.23 0.00	61.29 2.36 0.00	66.90 2.51 0.00	69.00 2.59 0.00	75.56 2.91 0.00	85.95 4.17 0.00	125.63 5.41 -26.88	147.26 6.43 -33.68	259.30 6.79 -146.51	280.75 6.99 -166.10	274.06 5.92 -178.39	328.16 4.94 -244.86	215.28 4.52 -139.04	69.83 4.08 0.00	61.48 3.04 0.00
BRDGHMPT_69_KV_BK1 55812	51.37 4.37 0.00	46.54 4.23 0.00	41.76 3.55 0.00	39.56 3.27 0.00	39.73 3.18 0.00	41.65 3.37 0.00	47.56 3.44 0.00	50.05 4.01 0.00	53.43 3.02 0.00	56.27 3.30 0.20	63.41 4.89 0.41	70.18 6.05 0.26	73.12 6.71 0.00	80.13 7.48 0.00	94.61 10.47 -2.36	113.28 14.19 -5.74	129.00 16.39 -5.45	221.87 16.22 -99.65	231.65 15.29 -108.71	204.26 12.74 -101.77	111.44 8.23 -24.85	92.08 6.02 -14.34	71.21 5.46 0.01	61.89 3.45 0.01

BRENTWOD_69_KV_W. BRTWOOD 56703	51.14 4.14 0.00	46.50 4.19 0.00	41.80 3.59 0.00	39.63 3.34 0.00	39.88 3.33 0.00	41.76 3.48 0.00	47.95 3.84 0.00	50.24 4.19 0.00	53.08 2.67 0.00	55.59 2.66 0.24	62.77 3.83 -0.01	69.05 4.64 -0.02	71.66 5.25 0.00	78.53 5.88 0.00	92.42 7.85 -2.79	109.98 10.83 -5.80	125.50 12.86 -5.49	168.74 12.40 -50.34	166.00 12.17 -46.18	136.94 9.51 -37.68	109.17 5.96 -24.85	90.28 4.23 -14.34	70.62 4.87 0.00	61.19 2.75 0.00
BRISTLHL_115KV_TB1 79998	46.72 -0.28 0.00	41.93 -0.38 0.00	37.79 -0.42 0.00	35.89 -0.40 0.00	36.15 -0.40 0.00	37.90 -0.38 0.00	43.59 -0.53 0.00	45.50 -0.55 0.00	49.80 -0.60 0.00	52.59 -0.58 0.00	58.40 -0.53 0.00	63.88 -0.52 0.00	66.01 -0.40 0.00	72.21 -0.44 0.00	81.45 -0.33 0.00	93.11 -0.47 -0.23	108.40 -0.54 -1.78	105.99 -0.53 -0.52	107.89 -0.32 -0.56	89.73 -0.18 -0.16	77.97 -0.39 0.00	71.21 -0.50 0.00	65.23 -0.53 0.00	57.69 -0.76 0.00
BROOKHAVEN___DRP 24191	50.62 3.62 0.00	45.86 3.55 0.00	41.23 3.02 0.00	39.08 2.79 0.00	39.29 2.74 0.00	41.19 2.91 0.00	47.25 3.13 0.00	49.55 3.50 0.00	52.47 2.07 0.00	55.05 2.07 0.19	61.71 3.18 0.40	68.06 3.93 0.26	71.06 4.65 0.00	77.88 5.23 0.00	91.82 7.69 -2.35	109.91 10.83 -5.74	125.46 12.86 -5.45	217.90 12.61 -99.28	228.39 12.49 -108.25	201.01 9.96 -101.30	109.48 6.27 -24.85	90.50 4.45 -14.34	70.09 4.34 0.01	60.72 2.28 0.01
BROOKLYN_NAVY_YARD 23515	49.97 2.96 0.00	45.10 2.79 0.00	40.66 2.45 0.00	38.65 2.36 0.00	38.96 2.41 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.41 3.36 0.00	54.04 3.63 0.00	57.11 3.93 0.00	63.05 4.12 0.00	68.52 4.12 0.00	71.53 5.11 0.00	77.73 5.08 0.00	88.98 7.20 0.00	108.68 9.99 -5.34	126.13 11.58 -7.40	151.19 11.23 -33.96	148.01 10.66 -29.70	118.88 8.35 -20.79	108.38 5.17 -24.84	90.21 4.16 -14.34	69.63 3.88 0.00	61.31 2.86 0.00
BROOKLYN___ARMY_DRP 323595	50.15 3.15 0.00	45.40 3.09 0.00	40.88 2.67 0.00	38.76 2.47 0.00	39.07 2.52 0.00	40.81 2.53 0.00	46.98 2.87 0.00	49.50 3.45 0.00	53.74 3.33 0.00	56.85 3.67 0.00	62.82 3.89 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.58 4.94 0.01	88.64 6.87 0.01	108.49 9.80 -5.34	124.78 10.93 -6.70	150.78 10.81 -33.96	147.36 10.01 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.13 4.09 -14.33	69.30 3.55 0.01	61.07 2.63 0.01
BROOME_2_LFGE 323671	47.75 0.75 0.00	42.86 0.55 0.00	38.63 0.42 0.00	36.65 0.36 0.00	36.92 0.37 0.00	38.70 0.42 0.00	44.43 0.31 0.00	46.28 0.23 0.00	50.61 0.20 0.00	53.71 0.53 0.00	59.58 0.65 0.00	65.29 0.90 0.00	67.54 1.13 0.00	74.02 1.38 0.00	83.58 1.80 0.00	95.11 1.77 0.00	108.97 1.82 0.00	116.13 1.69 -8.43	118.25 1.94 -8.66	98.31 1.89 -6.67	89.81 1.33 -10.11	79.08 1.00 -6.36	66.80 1.05 0.00	58.86 0.41 0.00
BROOME___LFGE 323600	47.75 0.75 0.00	42.86 0.55 0.00	38.63 0.42 0.00	36.65 0.36 0.00	36.92 0.37 0.00	38.70 0.42 0.00	44.43 0.31 0.00	46.28 0.23 0.00	50.61 0.20 0.00	53.71 0.53 0.00	59.58 0.65 0.00	65.29 0.90 0.00	67.54 1.13 0.00	74.02 1.38 0.00	83.58 1.80 0.00	95.11 1.77 0.00	108.97 1.82 0.00	116.13 1.69 -8.43	118.25 1.94 -8.66	98.31 1.89 -6.67	89.81 1.33 -10.11	79.08 1.00 -6.36	66.80 1.05 0.00	58.86 0.41 0.00
BROWNFLS_115KV_TB_3_5 80003	47.57 0.56 0.00	42.82 0.51 0.00	38.48 0.27 0.00	36.47 0.18 0.00	36.62 0.07 0.00	38.43 0.15 0.00	44.51 0.40 0.00	46.37 0.32 0.00	50.46 0.05 0.00	53.12 -0.05 0.00	58.75 -0.18 0.00	64.33 -0.06 0.00	66.15 -0.27 0.00	72.65 0.00 0.00	81.62 -0.16 0.00	99.33 -1.03 -7.01	160.76 -1.50 -55.11	120.43 -1.06 -15.49	124.21 -0.22 -16.77	95.07 0.63 -4.69	79.78 1.41 0.00	73.00 1.29 0.00	66.81 1.05 0.00	59.79 1.34 0.00
BROWNSV1_27_KV_LOAD 356125	50.48 3.48 0.00	45.57 3.26 0.00	41.07 2.87 0.00	39.01 2.72 0.00	39.33 2.78 0.00	41.11 2.83 0.00	47.43 3.31 0.00	49.87 3.82 0.00	54.54 4.13 0.00	57.59 4.41 0.00	63.76 4.83 0.00	69.29 4.89 0.00	72.32 5.91 0.00	78.68 6.03 0.00	89.96 8.18 0.00	109.80 11.11 -5.34	126.70 12.86 -6.70	152.47 12.51 -33.96	149.41 12.06 -29.70	120.05 9.51 -20.79	109.40 6.19 -24.84	91.07 5.02 -14.34	70.36 4.60 0.00	62.07 3.62 0.00
BURROWS___LYONSDAL 23803	48.04 1.03 0.00	43.28 0.97 0.00	38.90 0.69 0.00	36.87 0.58 0.00	37.17 0.62 0.00	39.01 0.73 0.00	45.00 0.88 0.00	46.97 0.92 0.00	51.36 0.96 0.00	54.08 0.90 0.00	59.93 1.00 0.00	65.68 1.29 0.00	67.74 1.33 0.00	74.46 1.82 0.00	84.23 2.45 0.00	97.58 2.89 -1.34	120.96 3.54 -10.27	112.78 3.82 -2.96	115.60 4.74 -3.20	95.22 4.58 -0.90	82.36 4.00 0.00	75.30 3.59 0.00	68.58 2.83 0.00	60.78 2.34 0.00
CAITHNESS_CC_1 323624	49.73 2.73 0.00	45.83 3.51 -0.01	41.20 2.98 -0.01	39.05 2.76 0.00	39.26 2.70 0.00	41.07 2.79 0.00	47.16 3.04 0.00	49.18 3.13 0.00	52.32 1.91 0.01	55.00 2.02 0.19	61.30 2.77 0.39	67.94 3.80 0.25	70.99 4.58 0.00	77.66 5.01 0.00	91.64 7.52 -2.34	109.72 10.64 -5.74	125.14 12.53 -5.46	217.21 12.29 -98.92	227.51 12.05 -107.79	200.19 9.61 -100.83	109.25 6.03 -24.85	90.36 4.30 -14.34	70.02 4.27 0.01	60.37 1.93 0.01
CALPINE BETH_PAGE_GT4 24209	50.67 3.67 0.00	46.03 3.72 0.00	41.46 3.25 0.00	39.34 3.05 0.00	39.58 3.03 0.00	41.46 3.18 0.00	47.65 3.53 0.00	49.82 3.78 0.00	52.93 2.52 0.00	55.77 2.61 0.01	62.55 3.59 -0.03	68.54 4.12 -0.02	71.39 4.98 0.00	78.24 5.59 0.00	97.97 7.77 -8.42	110.60 10.55 -6.70	125.53 12.43 -5.95	156.24 12.08 -38.15	150.12 11.73 -30.73	120.75 9.15 -21.84	108.86 5.64 -24.85	90.29 4.23 -14.34	70.04 4.27 -0.01	60.85 2.40 -0.01
CALPINE_BETH_PAGE_GT_4 323586	49.97 2.96 0.00	45.99 3.68 -0.01	41.46 3.25 -0.01	39.34 3.05 0.00	39.55 3.00 0.00	41.38 3.10 0.00	47.56 3.44 0.00	49.50 3.46 0.00	52.82 2.42 0.00	55.77 2.60 0.01	62.26 3.30 -0.03	68.54 4.12 -0.02	71.40 4.98 0.00	78.17 5.52 0.00	98.06 7.85 -8.42	110.59 10.54 -6.70	125.54 12.42 -5.96	156.24 12.08 -38.15	150.13 11.74 -30.74	120.76 9.16 -21.85	108.86 5.65 -24.85	90.36 4.30 -14.34	70.10 4.34 -0.01	60.67 2.22 -0.01
CALPINE_BP_GT1 23823	49.97 2.96 0.00	45.99 3.68 -0.01	41.46 3.25 -0.01	39.34 3.05 0.00	39.55 3.00 0.00	41.38 3.10 0.00	47.56 3.44 0.00	49.50 3.46 0.00	52.82 2.42 0.00	55.77 2.60 0.01	62.26 3.30 -0.03	68.54 4.12 -0.02	71.40 4.98 0.00	78.17 5.52 0.00	98.06 7.85 -8.42	110.59 10.54 -6.70	125.54 12.42 -5.96	156.24 12.08 -38.15	150.13 11.74 -30.74	120.76 9.16 -21.85	108.86 5.65 -24.85	90.36 4.30 -14.34	70.10 4.34 -0.01	60.67 2.22 -0.01
CALSPAN___DRP 24200	47.24 0.24 0.00	42.10 -0.21 0.00	37.56 -0.65 0.00	35.75 -0.54 0.00	35.78 -0.77 0.00	37.52 -0.77 0.00	42.48 -1.63 0.00	43.56 -2.49 0.00	47.48 -2.92 0.00	50.73 -2.45 0.00	56.51 -2.42 0.00	62.33 -2.06 0.00	64.15 -2.26 0.00	70.18 -2.47 0.00	78.84 -2.94 0.00	88.03 -5.32 0.00	102.22 -4.93 0.00	104.77 -5.19 -3.97	106.88 -4.84 -4.07	87.41 -3.32 -0.98	76.01 -2.35 0.00	68.92 -2.80 0.00	63.85 -1.91 0.00	56.40 -2.05 0.00

CALVERTON___SOLAR 323806	49.82 2.82 0.00	45.91 3.59 -0.01	41.27 3.06 -0.01	39.12 2.83 0.00	39.29 2.74 0.00	41.11 2.83 0.00	47.16 3.04 0.00	49.22 3.17 0.00	52.42 2.02 0.01	55.16 2.18 0.19	61.53 3.00 0.40	68.26 4.12 0.26	71.26 4.85 0.00	78.02 5.38 0.00	92.16 8.02 -2.36	110.38 11.29 -5.74	125.89 13.28 -5.46	218.58 13.14 -99.44	229.02 12.91 -108.45	201.75 10.50 -101.51	109.87 6.66 -24.85	90.86 4.81 -14.34	70.35 4.60 0.01	60.66 2.22 0.01
CANDIGU_WT_PWR 323617	47.29 0.28 0.00	42.22 -0.08 0.00	37.79 -0.42 0.00	35.93 -0.36 0.00	36.04 -0.51 0.00	37.86 -0.42 0.00	43.19 -0.93 0.00	44.62 -1.43 0.00	48.54 -1.86 0.00	51.42 -1.75 0.00	57.16 -1.77 0.00	62.79 -1.61 0.00	64.82 -1.59 0.00	71.34 -1.31 0.00	80.22 -1.56 0.00	90.55 -2.80 0.00	104.79 -2.36 0.00	109.03 -2.43 -5.46	111.65 -1.61 -5.60	93.61 -0.36 -4.22	84.61 -0.08 -6.33	75.26 -0.43 -3.98	65.76 0.00 0.00	58.04 -0.41 0.00
CARR STREET_E_SYR 24060	47.05 0.05 0.00	42.22 -0.08 0.00	38.06 -0.15 0.00	36.15 -0.14 0.00	36.41 -0.15 0.00	38.17 -0.11 0.00	43.90 -0.22 0.00	45.82 -0.23 0.00	50.20 -0.20 0.00	53.12 -0.05 0.00	58.98 0.06 0.00	64.59 0.19 0.00	66.75 0.33 0.00	73.09 0.44 0.00	82.36 0.58 0.00	93.91 0.56 0.00	109.10 0.65 -1.30	106.54 0.53 0.00	108.31 0.65 0.00	90.38 0.63 0.00	78.60 0.24 0.00	71.79 0.07 0.00	65.82 0.07 0.00	58.21 -0.23 0.00
CARTHAGE___PAPER 23857	48.32 1.31 0.00	43.54 1.23 0.00	39.01 0.80 0.00	36.98 0.69 0.00	37.21 0.66 0.00	39.12 0.84 0.00	45.17 1.06 0.00	47.20 1.15 0.00	51.47 1.06 0.00	54.13 0.96 0.00	59.81 0.89 0.00	65.49 1.09 0.00	67.41 1.00 0.00	74.10 1.45 0.00	83.66 1.88 0.00	97.57 2.05 -2.17	126.77 2.68 -16.94	114.19 3.39 -4.80	117.70 4.85 -5.19	96.49 5.29 -1.45	83.23 4.86 0.00	76.09 4.38 0.00	69.04 3.29 0.00	61.31 2.86 0.00
CASSADAGA_WT_PWR 323784	46.91 -0.09 0.00	41.80 -0.51 0.00	37.29 -0.92 0.00	35.49 -0.80 0.00	35.67 -0.88 0.00	37.59 -0.69 0.00	42.88 -1.23 0.00	44.34 -1.70 0.00	48.59 -1.81 0.00	51.58 -1.59 0.00	57.51 -1.41 0.00	63.43 -0.96 0.00	65.28 -1.13 0.00	71.85 -0.80 0.00	80.39 -1.39 0.00	89.89 -3.45 0.00	104.58 -2.57 0.00	107.46 -2.76 -4.21	110.26 -1.73 -4.32	90.17 -0.62 -1.04	77.98 -0.39 0.00	70.78 -0.93 0.00	65.69 -0.07 0.00	58.04 -0.41 0.00
CE_DUNWOOD___DRP 24194	49.63 2.63 0.00	44.85 2.54 0.00	40.46 2.25 0.00	38.47 2.18 0.00	38.78 2.23 0.00	40.54 2.26 0.00	46.68 2.56 0.00	48.95 2.90 0.00	53.53 3.13 0.00	56.42 3.24 0.00	62.52 3.59 0.00	68.13 3.73 0.00	71.06 4.65 0.00	77.51 4.87 0.00	88.49 6.71 0.00	107.73 9.05 -5.33	124.44 10.61 -6.68	150.17 10.28 -33.88	147.19 9.90 -29.63	118.21 7.72 -20.74	107.94 4.78 -24.80	89.90 3.87 -14.31	69.31 3.55 0.00	61.02 2.57 0.00
CE_MILLWOOD___DRP 24193	49.49 2.49 0.00	44.72 2.41 0.00	40.39 2.18 0.00	38.40 2.10 0.00	38.67 2.12 0.00	40.46 2.18 0.00	46.54 2.43 0.00	48.81 2.76 0.00	53.38 2.97 0.00	56.26 3.08 0.00	62.34 3.42 0.00	67.94 3.54 0.00	70.86 4.45 0.00	77.30 4.65 0.00	88.16 6.38 0.00	107.32 8.68 -5.29	123.96 10.18 -6.63	149.57 9.86 -33.71	146.62 9.47 -29.48	117.75 7.36 -20.64	107.68 4.62 -24.69	89.70 3.73 -14.26	69.17 3.42 0.00	60.90 2.45 0.00
CE_NYC2_DRP 24202	49.96 2.96 0.00	45.23 2.92 0.00	40.73 2.52 0.00	38.69 2.40 0.00	39.00 2.45 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.41 3.36 0.00	53.83 3.43 0.00	56.84 3.67 0.00	62.76 3.83 0.00	68.12 3.73 0.01	71.12 4.72 0.01	77.36 4.72 0.01	88.40 6.62 0.01	108.12 9.43 -5.34	124.56 10.71 -6.70	150.46 10.49 -33.96	147.14 9.80 -29.69	118.16 7.63 -20.78	107.83 4.62 -24.84	89.77 3.73 -14.33	69.23 3.49 0.01	61.07 2.63 0.01
CE_NYC_DRP 24195	50.06 3.06 0.00	45.18 2.88 0.00	40.77 2.56 0.00	38.72 2.43 0.00	39.04 2.49 0.00	40.81 2.53 0.00	47.07 2.96 0.00	49.46 3.41 0.00	54.09 3.68 0.00	57.11 3.93 0.00	63.17 4.24 0.00	68.64 4.25 0.00	71.66 5.25 0.00	77.95 5.30 0.00	89.06 7.28 0.00	108.77 10.08 -5.34	125.53 11.68 -6.70	151.20 11.24 -33.96	148.12 10.77 -29.69	118.88 8.35 -20.79	108.46 5.25 -24.84	90.28 4.23 -14.34	69.64 3.88 0.00	61.48 3.04 0.00
CHAFFEE___LFGE 323603	47.47 0.47 0.00	42.31 0.00 0.00	37.79 -0.42 0.00	35.93 -0.36 0.00	36.00 -0.55 0.00	37.75 -0.54 0.00	42.79 -1.32 0.00	43.98 -2.07 0.00	47.89 -2.52 0.00	50.94 -2.23 0.00	56.81 -2.12 0.00	62.52 -1.87 0.00	64.35 -2.06 0.00	70.83 -1.81 0.00	79.16 -2.62 0.00	88.40 -4.95 0.00	102.75 -4.40 0.00	105.36 -4.77 -4.13	107.58 -4.31 -4.24	87.81 -2.96 -1.02	76.33 -2.04 0.00	68.99 -2.73 0.00	64.05 -1.71 0.00	56.99 -1.46 0.00
CHATEAUG_35_KV_LOAD 355732	46.11 -0.89 0.00	41.50 -0.80 0.00	37.41 -0.80 0.00	35.49 -0.80 0.00	35.71 -0.84 0.00	37.36 -0.92 0.00	43.37 -0.75 0.00	45.31 -0.74 0.00	49.45 -0.96 0.00	52.27 -0.90 0.00	57.57 -1.36 0.00	62.72 -1.67 0.00	64.22 -2.19 0.00	70.40 -2.25 0.00	78.51 -3.27 0.00	87.20 -4.11 2.04	88.53 -4.82 13.80	97.16 -4.35 4.49	98.81 -3.98 4.87	85.34 -3.05 1.36	76.80 -1.57 0.00	70.42 -1.29 0.00	64.44 -1.32 0.00	57.86 -0.58 0.00
CHATEAUG_WT_PWR 323614	46.06 -0.94 0.00	41.42 -0.89 0.00	37.37 -0.84 0.00	35.42 -0.87 0.00	35.64 -0.91 0.00	37.33 -0.96 0.00	43.28 -0.84 0.00	45.22 -0.83 0.00	49.40 -1.01 0.00	52.00 -1.17 0.00	57.57 -1.35 0.00	62.72 -1.67 0.00	64.22 -2.19 0.00	70.39 -2.25 0.00	78.59 -3.19 0.00	88.13 -4.01 1.20	90.44 -4.82 11.89	98.90 -4.45 2.66	100.58 -4.20 2.88	85.63 -3.32 0.80	76.48 -1.88 0.00	70.14 -1.58 0.00	64.18 -1.58 0.00	57.63 -0.82 0.00
CHAT_HIGH_FALL_HYD 323578	46.11 -0.89 0.00	41.50 -0.80 0.00	37.41 -0.80 0.00	35.49 -0.80 0.00	35.71 -0.84 0.00	37.36 -0.92 0.00	43.37 -0.75 0.00	45.31 -0.74 0.00	49.45 -0.96 0.00	52.27 -0.90 0.00	57.57 -1.36 0.00	62.72 -1.67 0.00	64.22 -2.19 0.00	70.40 -2.25 0.00	78.51 -3.27 0.00	87.20 -4.11 2.04	88.53 -4.82 13.80	97.16 -4.35 4.49	98.81 -3.98 4.87	85.34 -3.05 1.36	76.80 -1.57 0.00	70.42 -1.29 0.00	64.44 -1.32 0.00	57.86 -0.58 0.00
CHAUTAUQUA___LFGE 323629	47.33 0.33 0.00	42.18 -0.13 0.00	37.67 -0.53 0.00	35.82 -0.47 0.00	35.96 -0.59 0.00	37.78 -0.50 0.00	42.97 -1.15 0.00	44.30 -1.75 0.00	48.39 -2.02 0.00	51.47 -1.70 0.00	57.39 -1.53 0.00	63.24 -1.16 0.00	65.09 -1.33 0.00	71.56 -1.09 0.00	80.06 -1.72 0.00	89.51 -3.83 0.00	104.04 -3.11 0.00	106.71 -3.40 -4.11	109.19 -2.69 -4.22	89.33 -1.44 -1.02	77.51 -0.86 0.00	70.14 -1.58 0.00	65.16 -0.59 0.00	57.68 -0.76 0.00
CHERRYST_13_KV_LD 356241	50.20 3.20 0.00	45.35 3.05 0.00	40.92 2.71 0.00	38.87 2.58 0.00	39.18 2.63 0.00	40.96 2.68 0.00	47.25 3.13 0.00	49.69 3.64 0.00	54.34 3.93 0.00	57.37 4.20 0.00	63.52 4.60 0.00	69.03 4.64 0.00	72.06 5.65 0.00	78.39 5.74 0.00	89.63 7.85 0.00	109.33 10.64 -5.34	126.17 12.32 -6.70	151.83 11.87 -33.96	148.66 11.30 -29.69	119.42 8.89 -20.79	108.85 5.64 -24.84	90.57 4.52 -14.34	69.96 4.21 0.00	61.72 3.27 0.00

CHESTROR_138KV_BK263 355645	48.93 1.93 0.00	44.17 1.86 0.00	39.93 1.72 0.00	37.96 1.67 0.00	38.27 1.72 0.00	40.00 1.72 0.00	46.01 1.90 0.00	48.21 2.16 0.00	52.72 2.32 0.00	55.57 2.39 0.00	61.58 2.65 0.00	67.16 2.77 0.00	69.93 3.52 0.00	76.35 3.71 0.00	87.01 5.23 0.00	104.74 7.00 -4.39	121.01 8.36 -5.50	144.39 8.06 -30.33	137.20 7.86 -21.68	110.64 6.10 -14.78	103.31 3.84 -21.11	88.06 3.08 -13.26	68.58 2.83 0.00	60.37 1.93 0.00
CH_MIDHUDSON___DRP 24192	49.40 2.40 0.00	44.59 2.28 0.00	40.27 2.06 0.00	38.32 2.03 0.00	38.60 2.05 0.00	40.39 2.11 0.00	46.41 2.29 0.00	48.67 2.62 0.00	53.28 2.87 0.00	56.15 2.98 0.00	62.23 3.30 0.00	67.81 3.41 0.00	70.66 4.25 0.00	77.15 4.50 0.00	87.99 6.22 0.00	106.04 8.31 -4.39	122.51 9.86 -5.50	148.27 9.54 -32.73	141.06 9.26 -24.15	113.72 7.18 -16.79	107.32 4.70 -24.26	90.82 3.87 -15.23	69.24 3.49 0.00	60.96 2.51 0.00
CH_MISC_IPPS 23765	49.59 2.58 0.00	44.76 2.45 0.00	40.42 2.22 0.00	38.47 2.18 0.00	38.78 2.23 0.00	40.54 2.26 0.00	46.63 2.51 0.00	48.86 2.81 0.00	53.53 3.13 0.00	56.53 3.35 0.00	62.64 3.71 0.00	68.26 3.86 0.00	71.20 4.78 0.00	77.73 5.08 0.00	88.73 6.95 0.00	106.54 9.15 -4.04	123.03 10.82 -5.06	148.19 10.60 -31.59	141.73 10.34 -23.74	114.20 7.98 -16.47	107.53 5.40 -23.76	91.16 4.52 -14.92	69.77 4.01 0.00	61.25 2.81 0.00
CH_RES_BVR_FALLS 23983	46.39 -0.61 0.00	41.72 -0.59 0.00	37.64 -0.57 0.00	35.71 -0.58 0.00	35.96 -0.59 0.00	37.67 -0.61 0.00	43.50 -0.62 0.00	45.45 -0.60 0.00	49.80 -0.60 0.00	52.59 -0.58 0.00	58.28 -0.65 0.00	63.62 -0.77 0.00	65.48 -0.93 0.00	71.70 -0.95 0.00	80.47 -1.31 0.00	91.61 -1.50 0.23	100.54 -1.72 4.89	103.90 -1.59 0.52	105.59 -1.51 0.56	88.42 -1.17 0.16	77.66 -0.71 0.00	71.14 -0.58 0.00	65.23 -0.53 0.00	58.15 -0.29 0.00
CH_RES_NIAGARA 23895	46.63 -0.38 0.00	41.63 -0.68 0.00	37.18 -1.03 0.00	35.17 -1.12 0.00	35.42 -1.13 0.00	37.02 -1.26 0.00	41.60 -2.51 0.00	42.46 -3.59 0.00	46.12 -4.28 0.00	49.34 -3.83 0.00	54.86 -4.07 0.00	60.47 -3.93 0.00	62.16 -4.25 0.00	67.71 -4.94 0.00	76.06 -5.72 0.00	84.76 -8.59 0.00	98.26 -8.89 0.00	100.61 -9.01 -3.62	102.44 -8.94 -3.71	84.00 -6.64 -0.90	73.27 -5.09 0.00	66.41 -5.31 0.00	61.68 -4.08 0.00	54.82 -3.62 0.00
CH_RES_SYRACUSE 23985	47.38 0.37 0.00	42.52 0.21 0.00	38.32 0.11 0.00	36.36 0.07 0.00	36.62 0.07 0.00	38.40 0.12 0.00	44.21 0.09 0.00	46.14 0.09 0.00	50.56 0.15 0.00	53.49 0.32 0.00	59.34 0.42 0.00	64.97 0.58 0.00	66.81 0.40 0.00	73.16 0.51 0.00	82.36 0.58 0.00	93.91 0.56 0.00	108.94 0.65 -1.14	106.54 0.53 0.00	108.42 0.76 0.00	90.46 0.71 0.00	78.76 0.39 0.00	72.00 0.29 0.00	66.28 0.52 0.00	58.56 0.12 0.00
CLINTON_WT_PWR 323605	46.06 -0.94 0.00	41.42 -0.89 0.00	37.37 -0.84 0.00	35.42 -0.87 0.00	35.64 -0.91 0.00	37.33 -0.96 0.00	43.28 -0.84 0.00	45.22 -0.83 0.00	49.40 -1.01 0.00	52.00 -1.17 0.00	57.57 -1.35 0.00	62.72 -1.67 0.00	64.22 -2.19 0.00	70.39 -2.25 0.00	78.59 -3.19 0.00	88.13 -4.01 1.20	90.44 -4.82 11.89	98.90 -4.45 2.66	100.58 -4.20 2.88	85.63 -3.32 0.80	76.48 -1.88 0.00	70.14 -1.58 0.00	64.18 -1.58 0.00	57.63 -0.82 0.00
CLINTON___LFGE 323618	46.49 -0.52 0.00	41.76 -0.55 0.00	37.60 -0.61 0.00	35.67 -0.62 0.00	35.89 -0.66 0.00	37.59 -0.69 0.00	43.59 -0.53 0.00	45.59 -0.46 0.00	49.65 -0.75 0.00	52.16 -1.01 0.00	57.75 -1.18 0.00	62.98 -1.42 0.00	64.42 -1.99 0.00	70.69 -1.96 0.00	78.91 -2.86 0.00	88.19 -3.74 1.42	90.15 -4.60 12.39	98.73 -4.14 3.14	100.49 -3.77 3.40	86.02 -2.78 0.95	77.03 -1.33 0.00	70.56 -1.15 0.00	64.50 -1.25 0.00	57.86 -0.58 0.00
COBBLENY_34_KV_TB1 80064	47.33 0.33 0.00	42.18 -0.13 0.00	37.64 -0.57 0.00	35.82 -0.47 0.00	35.86 -0.69 0.00	37.59 -0.69 0.00	42.62 -1.50 0.00	43.70 -2.35 0.00	47.63 -2.77 0.00	50.89 -2.29 0.00	56.69 -2.24 0.00	62.53 -1.87 0.00	64.35 -2.06 0.00	70.47 -2.18 0.00	79.16 -2.62 0.00	88.40 -4.95 0.00	102.76 -4.39 0.00	105.36 -4.77 -4.13	107.48 -4.41 -4.24	87.81 -2.96 -1.02	76.33 -2.04 0.00	69.13 -2.58 0.00	64.05 -1.71 0.00	56.52 -1.93 0.00
COFFEEN___115KV_TB3 355620	49.21 2.21 0.00	44.34 2.03 0.00	39.66 1.45 0.00	37.52 1.23 0.00	37.87 1.32 0.00	39.81 1.53 0.00	45.93 1.81 0.00	47.89 1.84 0.00	52.27 1.87 0.00	54.93 1.75 0.00	60.81 1.89 0.00	66.58 2.19 0.00	68.54 2.13 0.00	75.34 2.69 0.00	84.81 3.03 0.00	98.69 3.55 -1.79	125.51 4.39 -13.97	114.95 4.98 -3.96	118.73 6.78 -4.29	98.04 7.09 -1.20	84.79 6.43 0.00	77.45 5.74 0.00	70.10 4.34 0.00	62.13 3.68 0.00
COLDSPRG_115KV_BK1 355956	47.14 0.14 0.00	42.01 -0.30 0.00	37.44 -0.76 0.00	35.64 -0.65 0.00	35.78 -0.77 0.00	37.67 -0.61 0.00	42.97 -1.15 0.00	44.34 -1.70 0.00	48.49 -1.92 0.00	51.79 -1.38 0.00	57.69 -1.24 0.00	63.69 -0.71 0.00	65.55 -0.86 0.00	71.92 -0.73 0.00	80.80 -0.98 0.00	90.27 -3.08 0.00	105.01 -2.14 0.00	107.95 -2.44 -4.38	110.32 -1.83 -4.50	90.21 -0.63 -1.09	78.05 -0.31 0.00	70.85 -0.86 0.00	65.62 -0.13 0.00	57.33 -1.11 0.00
COLONIE_LFGE___ 323577	48.98 1.97 0.00	44.13 1.82 0.00	39.89 1.68 0.00	37.92 1.63 0.00	38.23 1.68 0.00	40.04 1.76 0.00	45.88 1.77 0.00	47.89 1.84 0.00	52.62 2.22 0.00	55.19 2.02 0.00	61.11 2.18 0.00	66.71 2.31 0.00	69.07 2.66 0.00	75.48 2.83 0.00	85.87 4.09 0.00	136.87 5.32 -38.21	161.46 6.43 -47.88	273.51 6.36 -161.14	299.37 6.35 -185.36	280.11 5.11 -185.25	308.05 3.76 -225.93	196.51 3.37 -121.42	68.85 3.09 0.00	60.67 2.22 0.00
COOPERNY_115KV_TB1 80082	48.46 1.46 0.00	43.70 1.40 0.00	39.51 1.30 0.00	37.56 1.27 0.00	37.83 1.28 0.00	39.58 1.30 0.00	45.48 1.37 0.00	47.61 1.57 0.00	52.07 1.66 0.00	54.93 1.75 0.00	60.87 1.94 0.00	66.45 2.06 0.00	69.07 2.66 0.00	75.48 2.83 0.00	85.71 3.93 0.00	101.15 5.23 -2.57	116.59 6.21 -3.22	134.68 5.94 -22.74	131.28 5.81 -17.81	106.53 4.58 -12.21	98.75 2.90 -17.48	85.06 2.37 -10.98	67.86 2.10 0.00	59.85 1.40 0.00
COPENHAGEN_WT_PWR 323753	48.65 1.64 0.00	43.83 1.52 0.00	39.24 1.03 0.00	37.20 0.91 0.00	37.50 0.95 0.00	39.39 1.11 0.00	45.44 1.32 0.00	47.38 1.34 0.00	51.77 1.36 0.00	54.50 1.33 0.00	60.22 1.29 0.00	66.00 1.61 0.00	67.94 1.53 0.00	74.68 2.03 0.00	84.15 2.37 0.00	97.75 2.71 -1.69	123.54 3.21 -13.18	113.55 3.81 -3.74	116.87 5.17 -4.04	96.45 5.57 -1.13	83.39 5.02 0.00	76.16 4.45 0.00	69.11 3.35 0.00	61.31 2.86 0.00
CORNELL_____ 23752	48.41 1.41 0.00	43.41 1.10 0.00	39.05 0.84 0.00	37.05 0.76 0.00	37.35 0.80 0.00	39.24 0.96 0.00	45.13 1.01 0.00	47.01 0.97 0.00	51.36 0.96 0.00	54.18 1.01 0.00	60.10 1.18 0.00	65.87 1.48 0.00	68.14 1.73 0.00	74.68 2.03 0.00	84.23 2.45 0.00	95.96 2.61 0.00	110.47 3.32 0.00	115.42 3.60 -5.81	117.83 4.20 -5.97	98.28 3.86 -4.67	88.54 3.06 -7.12	78.77 2.58 -4.48	67.99 2.24 0.00	59.91 1.46 0.00

CORONAAV_69_KV_TB1 355595	50.81 3.81 0.00	45.95 3.64 0.00	41.46 3.25 0.00	39.34 3.05 0.00	39.58 3.03 0.00	41.50 3.22 0.00	47.69 3.57 0.00	49.96 3.91 0.00	53.48 3.07 0.00	56.41 3.24 0.01	63.11 4.18 0.00	69.16 4.77 0.00	72.06 5.65 0.00	78.90 6.25 0.00	131.14 8.51 -40.86	116.36 11.11 -11.90	128.27 12.97 -8.16	155.96 12.61 -37.34	149.63 12.27 -29.70	120.33 9.78 -20.79	109.56 6.35 -24.85	91.07 5.02 -14.34	70.87 5.06 -0.05	61.65 3.16 -0.05
CORTLAND_115KV_TB3 80093	47.90 0.89 0.00	43.03 0.72 0.00	38.74 0.53 0.00	36.76 0.47 0.00	37.06 0.51 0.00	38.89 0.61 0.00	44.73 0.62 0.00	46.65 0.60 0.00	51.01 0.60 0.00	53.86 0.69 0.00	59.81 0.88 0.00	65.49 1.09 0.00	67.74 1.33 0.00	74.25 1.60 0.00	83.74 1.96 0.00	95.49 2.15 0.00	110.79 2.57 -1.07	113.06 2.65 -4.41	115.20 3.01 -4.53	93.62 2.78 -1.09	80.48 2.12 0.00	73.51 1.79 0.00	67.27 1.51 0.00	59.32 0.88 0.00
COXSACKIE___GT 23611	49.82 2.82 0.00	44.76 2.45 0.00	40.42 2.22 0.00	38.50 2.21 0.00	38.82 2.27 0.00	40.58 2.30 0.00	46.63 2.51 0.00	48.67 2.62 0.00	53.18 2.77 0.00	55.62 2.45 0.00	61.46 2.53 0.00	67.10 2.70 0.00	69.27 2.85 0.00	75.56 2.91 0.00	86.19 4.41 0.00	48.43 6.44 51.36	51.04 8.25 64.36	53.05 8.58 61.54	50.13 9.15 66.67	61.51 7.27 35.51	135.16 4.86 -51.93	131.40 4.23 -55.45	69.97 4.21 0.00	61.48 3.04 0.00
CPV_VALLEY___CC1 323721	48.55 1.55 0.00	43.83 1.52 0.00	39.62 1.41 0.00	37.67 1.38 0.00	37.97 1.42 0.00	39.74 1.45 0.00	45.62 1.50 0.00	47.80 1.75 0.00	52.27 1.87 0.00	55.14 1.97 0.00	61.04 2.12 0.00	66.65 2.25 0.00	69.40 2.99 0.00	75.70 3.05 0.00	86.27 4.49 0.00	103.26 6.06 -3.85	119.15 7.18 -4.82	140.77 6.99 -27.77	134.56 6.68 -20.22	108.70 5.20 -13.75	101.10 3.14 -19.59	86.53 2.51 -12.31	68.06 2.30 0.00	59.85 1.40 0.00
CPV_VALLEY___CC2 323722	48.55 1.55 0.00	43.83 1.52 0.00	39.62 1.41 0.00	37.67 1.38 0.00	37.97 1.42 0.00	39.74 1.45 0.00	45.62 1.50 0.00	47.80 1.75 0.00	52.27 1.87 0.00	55.14 1.97 0.00	61.04 2.12 0.00	66.65 2.25 0.00	69.40 2.99 0.00	75.70 3.05 0.00	86.27 4.49 0.00	103.26 6.06 -3.85	119.15 7.18 -4.82	140.77 6.99 -27.77	134.56 6.68 -20.22	108.70 5.20 -13.75	101.10 3.14 -19.59	86.53 2.51 -12.31	68.06 2.30 0.00	59.85 1.40 0.00
CRESCENT___HYD 24018	48.98 1.97 0.00	44.13 1.82 0.00	39.89 1.68 0.00	37.92 1.63 0.00	38.23 1.68 0.00	40.04 1.76 0.00	45.88 1.77 0.00	47.89 1.84 0.00	52.62 2.22 0.00	55.19 2.02 0.00	61.11 2.18 0.00	66.71 2.31 0.00	69.07 2.66 0.00	75.48 2.83 0.00	85.87 4.09 0.00	136.87 5.32 -38.21	161.46 6.43 -47.88	273.51 6.36 -161.14	299.37 6.35 -185.36	280.11 5.11 -185.25	308.05 3.76 -225.93	196.51 3.37 -121.42	68.85 3.09 0.00	60.67 2.22 0.00
CRICKET___VALLEY_CC1 323756	48.88 1.88 0.00	44.17 1.86 0.00	39.93 1.72 0.00	37.96 1.67 0.00	38.27 1.72 0.00	40.01 1.72 0.00	45.93 1.81 0.00	48.07 2.02 0.00	52.73 2.32 0.00	55.46 2.28 0.00	61.34 2.42 0.00	66.90 2.51 0.00	69.73 3.32 0.00	76.06 3.42 0.00	86.77 4.99 0.00	107.58 6.91 -7.33	124.48 8.14 -9.19	154.31 7.84 -40.46	153.76 7.53 -38.57	124.09 5.83 -28.51	113.68 3.53 -31.79	92.06 2.94 -17.40	68.45 2.70 0.00	60.26 1.81 0.00
CRICKET___VALLEY_CC2 323757	48.88 1.88 0.00	44.17 1.86 0.00	39.93 1.72 0.00	37.96 1.67 0.00	38.27 1.72 0.00	40.01 1.72 0.00	45.93 1.81 0.00	48.07 2.02 0.00	52.73 2.32 0.00	55.46 2.28 0.00	61.34 2.42 0.00	66.90 2.51 0.00	69.73 3.32 0.00	76.06 3.42 0.00	86.77 4.99 0.00	107.58 6.91 -7.33	124.48 8.14 -9.19	154.31 7.84 -40.46	153.76 7.53 -38.57	124.09 5.83 -28.51	113.68 3.53 -31.79	92.06 2.94 -17.40	68.45 2.70 0.00	60.26 1.81 0.00
CRICKET___VALLEY_CC3 323758	48.88 1.88 0.00	44.17 1.86 0.00	39.93 1.72 0.00	37.96 1.67 0.00	38.27 1.72 0.00	40.01 1.72 0.00	45.93 1.81 0.00	48.07 2.02 0.00	52.73 2.32 0.00	55.46 2.28 0.00	61.34 2.42 0.00	66.90 2.51 0.00	69.73 3.32 0.00	76.06 3.42 0.00	86.77 4.99 0.00	107.58 6.91 -7.33	124.48 8.14 -9.19	154.31 7.84 -40.46	153.76 7.53 -38.57	124.09 5.83 -28.51	113.68 3.53 -31.79	92.06 2.94 -17.40	68.45 2.70 0.00	60.26 1.81 0.00
CRUCIBLE_METL_DRP 24180	47.33 0.33 0.00	42.48 0.17 0.00	38.29 0.08 0.00	36.33 0.04 0.00	36.59 0.04 0.00	38.40 0.11 0.00	44.16 0.04 0.00	46.14 0.09 0.00	50.51 0.10 0.00	53.44 0.27 0.00	59.34 0.41 0.00	64.97 0.58 0.00	66.81 0.40 0.00	73.08 0.44 0.00	82.35 0.57 0.00	93.91 0.56 0.00	108.93 0.64 -1.14	106.53 0.53 0.00	108.41 0.75 0.00	90.47 0.72 0.00	78.76 0.39 0.00	72.00 0.29 0.00	66.28 0.53 0.00	58.50 0.06 0.00
DAHOWA___HYDRO 323763	49.63 2.63 0.00	44.68 2.37 0.00	40.35 2.14 0.00	38.32 2.03 0.00	38.67 2.12 0.00	40.54 2.26 0.00	46.37 2.25 0.00	48.39 2.35 0.00	53.08 2.67 0.00	55.62 2.45 0.00	61.46 2.53 0.00	67.04 2.64 0.00	69.07 2.66 0.00	75.70 3.05 0.00	86.11 4.33 0.00	124.11 5.60 -25.17	145.44 6.75 -31.54	257.33 7.10 -144.22	278.17 7.42 -163.09	273.24 6.28 -177.21	331.16 5.33 -247.46	218.14 4.88 -141.55	70.09 4.34 0.00	61.72 3.27 0.00
DANC___LFGE 323619	47.89 0.89 0.00	43.11 0.80 0.00	38.70 0.50 0.00	36.69 0.40 0.00	36.99 0.44 0.00	38.82 0.54 0.00	44.73 0.62 0.00	46.69 0.64 0.00	51.01 0.61 0.00	53.76 0.59 0.00	59.46 0.53 0.00	65.04 0.64 0.00	67.01 0.60 0.00	73.59 0.94 0.00	82.92 1.14 0.00	95.69 1.21 -1.14	117.48 1.50 -8.83	110.31 1.80 -2.51	113.17 2.79 -2.72	93.65 3.14 -0.76	81.11 2.74 0.00	74.08 2.36 0.00	67.53 1.78 0.00	59.85 1.40 0.00
DANSKAMMER___1 23586	49.59 2.58 0.00	44.76 2.45 0.00	40.42 2.22 0.00	38.47 2.18 0.00	38.78 2.23 0.00	40.54 2.26 0.00	46.63 2.51 0.00	48.86 2.81 0.00	53.53 3.13 0.00	56.53 3.35 0.00	62.64 3.71 0.00	68.26 3.86 0.00	71.20 4.78 0.00	77.73 5.08 0.00	88.73 6.95 0.00	106.54 9.15 -4.04	123.03 10.82 -5.06	148.19 10.60 -31.59	141.73 10.34 -23.74	114.20 7.98 -16.47	107.53 5.40 -23.76	91.16 4.52 -14.92	69.77 4.01 0.00	61.25 2.81 0.00
DANSKAMMER___2 23589	49.59 2.58 0.00	44.76 2.45 0.00	40.42 2.22 0.00	38.47 2.18 0.00	38.78 2.23 0.00	40.54 2.26 0.00	46.63 2.51 0.00	48.86 2.81 0.00	53.53 3.13 0.00	56.53 3.35 0.00	62.64 3.71 0.00	68.26 3.86 0.00	71.20 4.78 0.00	77.73 5.08 0.00	88.73 6.95 0.00	106.54 9.15 -4.04	123.03 10.82 -5.06	148.19 10.60 -31.59	141.73 10.34 -23.74	114.20 7.98 -16.47	107.53 5.40 -23.76	91.16 4.52 -14.92	69.77 4.01 0.00	61.25 2.81 0.00
DANSKAMMER___3 23590	49.59 2.58 0.00	44.76 2.45 0.00	40.42 2.22 0.00	38.47 2.18 0.00	38.78 2.23 0.00	40.54 2.26 0.00	46.63 2.51 0.00	48.86 2.81 0.00	53.53 3.13 0.00	56.53 3.35 0.00	62.64 3.71 0.00	68.26 3.86 0.00	71.20 4.78 0.00	77.73 5.08 0.00	88.73 6.95 0.00	106.54 9.15 -4.04	123.03 10.82 -5.06	148.19 10.60 -31.59	141.73 10.34 -23.74	114.20 7.98 -16.47	107.53 5.40 -23.76	91.16 4.52 -14.92	69.77 4.01 0.00	61.25 2.81 0.00

DANSKAMMER___4 23591	49.59 2.58 0.00	44.76 2.45 0.00	40.42 2.22 0.00	38.47 2.18 0.00	38.78 2.23 0.00	40.54 2.26 0.00	46.63 2.51 0.00	48.86 2.81 0.00	53.53 3.13 0.00	56.53 3.35 0.00	62.64 3.71 0.00	68.26 3.86 0.00	71.20 4.78 0.00	77.73 5.08 0.00	88.73 6.95 0.00	106.54 9.15 -4.04	123.03 10.82 -5.06	148.19 10.60 -31.59	141.73 10.34 -23.74	114.20 7.98 -16.47	107.53 5.40 -23.76	91.16 4.52 -14.92	69.77 4.01 0.00	61.25 2.81 0.00
DANSKAMMER___DIESEL 23592	49.63 2.63 0.00	44.80 2.50 0.00	40.46 2.25 0.00	38.50 2.21 0.00	38.78 2.23 0.00	40.54 2.26 0.00	46.63 2.51 0.00	48.90 2.85 0.00	53.58 3.18 0.00	56.52 3.35 0.00	62.64 3.71 0.00	68.26 3.86 0.00	71.19 4.78 0.00	77.81 5.16 0.00	88.73 6.95 0.00	106.53 9.15 -4.04	123.03 10.82 -5.06	148.19 10.60 -31.59	141.73 10.34 -23.74	114.20 7.99 -16.47	107.54 5.41 -23.76	91.15 4.52 -14.92	69.77 4.01 0.00	61.37 2.92 0.00
DARBY___SOLAR 323810	49.49 2.49 0.00	44.55 2.24 0.00	40.23 2.02 0.00	38.25 1.96 0.00	38.60 2.05 0.00	40.42 2.14 0.00	46.28 2.16 0.00	48.30 2.26 0.00	52.92 2.52 0.00	55.46 2.28 0.00	61.34 2.42 0.00	66.90 2.51 0.00	68.94 2.52 0.00	75.48 2.83 0.00	85.95 4.17 0.00	125.55 5.41 -26.79	147.26 6.54 -33.57	259.19 6.79 -146.40	280.82 7.21 -165.95	274.09 6.01 -178.33	328.37 5.02 -244.99	215.40 4.52 -139.17	69.83 4.08 0.00	61.54 3.10 0.00
DASHVILLE___HYD 23610	49.21 2.21 0.00	44.38 2.07 0.00	40.16 1.95 0.00	38.18 1.89 0.00	38.45 1.90 0.00	40.20 1.91 0.00	46.19 2.07 0.00	48.40 2.35 0.00	52.93 2.52 0.00	55.78 2.61 0.00	61.75 2.83 0.00	67.36 2.96 0.00	70.26 3.85 0.00	76.79 4.14 0.00	87.59 5.81 0.00	92.85 8.40 8.90	105.96 9.96 11.15	124.83 9.75 -9.07	122.50 9.58 -5.26	103.00 7.36 -5.89	111.67 3.76 -29.54	98.00 3.08 -23.20	69.04 3.29 0.00	60.84 2.40 0.00
DELAWARE___LFGE 323621	48.65 1.65 0.00	43.83 1.52 0.00	39.62 1.41 0.00	37.63 1.34 0.00	37.94 1.39 0.00	39.77 1.49 0.00	45.66 1.54 0.00	47.61 1.57 0.00	52.07 1.66 0.00	54.98 1.81 0.00	60.99 2.06 0.00	66.78 2.38 0.00	69.14 2.72 0.00	75.70 3.05 0.00	85.71 3.93 0.00	97.92 4.57 0.00	112.40 5.25 0.00	130.37 5.09 -19.28	132.62 5.17 -19.79	113.52 4.31 -19.46	114.04 3.21 -32.47	94.90 2.80 -20.39	68.25 2.50 0.00	60.20 1.75 0.00
DERFIELD_115KV_TB7 355931	47.24 0.24 0.00	42.56 0.25 0.00	38.44 0.23 0.00	36.51 0.22 0.00	36.77 0.22 0.00	38.51 0.23 0.00	44.29 0.18 0.00	46.23 0.18 0.00	50.66 0.25 0.00	53.39 0.21 0.00	59.22 0.29 0.00	64.72 0.32 0.00	66.81 0.40 0.00	73.16 0.51 0.00	82.52 0.74 0.00	94.37 1.03 0.00	108.33 1.18 0.00	107.17 1.17 0.00	108.84 1.18 0.00	90.74 0.99 0.00	78.99 0.63 0.00	72.22 0.50 0.00	66.22 0.46 0.00	58.68 0.23 0.00
DOGLEVILLE___HYD 23807	46.25 -0.75 0.00	41.67 -0.63 0.00	37.60 -0.61 0.00	35.71 -0.58 0.00	36.04 -0.51 0.00	37.78 -0.50 0.00	43.54 -0.57 0.00	45.45 -0.60 0.00	49.80 -0.60 0.00	52.48 -0.69 0.00	58.16 -0.77 0.00	63.62 -0.77 0.00	65.68 -0.73 0.00	71.92 -0.73 0.00	81.04 -0.74 0.00	92.69 -0.65 0.00	106.08 -1.07 0.00	104.84 -1.17 0.00	106.69 -0.97 0.00	88.94 -0.81 0.00	77.50 -0.86 0.00	70.85 -0.86 0.00	65.03 -0.72 0.00	57.74 -0.70 0.00
DUNKIRK___115KV_TB_200 55889	47.24 0.24 0.00	42.10 -0.21 0.00	37.52 -0.69 0.00	35.71 -0.58 0.00	35.82 -0.73 0.00	37.63 -0.65 0.00	42.75 -1.37 0.00	44.02 -2.03 0.00	48.04 -2.37 0.00	51.37 -1.81 0.00	57.22 -1.71 0.00	63.11 -1.29 0.00	64.95 -1.46 0.00	71.19 -1.45 0.00	79.90 -1.88 0.00	89.33 -4.01 0.00	103.94 -3.21 0.00	106.60 -3.50 -4.10	108.96 -2.91 -4.21	89.15 -1.62 -1.02	77.35 -1.02 0.00	70.14 -1.58 0.00	65.03 -0.72 0.00	57.10 -1.34 0.00
DUNKIRK___1 23563	47.24 0.24 0.00	42.10 -0.21 0.00	37.52 -0.69 0.00	35.71 -0.58 0.00	35.82 -0.73 0.00	37.63 -0.65 0.00	42.75 -1.37 0.00	44.02 -2.03 0.00	48.04 -2.37 0.00	51.37 -1.81 0.00	57.22 -1.71 0.00	63.11 -1.29 0.00	64.95 -1.46 0.00	71.19 -1.45 0.00	79.90 -1.88 0.00	89.33 -4.01 0.00	103.94 -3.21 0.00	106.60 -3.50 -4.10	108.96 -2.91 -4.21	89.15 -1.62 -1.02	77.35 -1.02 0.00	70.14 -1.58 0.00	65.03 -0.72 0.00	57.10 -1.34 0.00
DUNKIRK___2 23564	47.24 0.24 0.00	42.10 -0.21 0.00	37.52 -0.69 0.00	35.71 -0.58 0.00	35.82 -0.73 0.00	37.63 -0.65 0.00	42.75 -1.37 0.00	44.02 -2.03 0.00	48.04 -2.37 0.00	51.37 -1.81 0.00	57.22 -1.71 0.00	63.11 -1.29 0.00	64.95 -1.46 0.00	71.19 -1.45 0.00	79.90 -1.88 0.00	89.33 -4.01 0.00	103.94 -3.21 0.00	106.60 -3.50 -4.10	108.96 -2.91 -4.21	89.15 -1.62 -1.02	77.35 -1.02 0.00	70.14 -1.58 0.00	65.03 -0.72 0.00	57.10 -1.34 0.00
DUNKIRK___3 23565	47.14 0.14 0.00	42.01 -0.30 0.00	37.48 -0.73 0.00	35.67 -0.62 0.00	35.75 -0.80 0.00	37.52 -0.77 0.00	42.62 -1.50 0.00	43.84 -2.21 0.00	47.83 -2.57 0.00	51.10 -2.07 0.00	56.86 -2.06 0.00	62.72 -1.67 0.00	64.62 -1.79 0.00	70.76 -1.89 0.00	79.49 -2.29 0.00	88.87 -4.48 0.00	103.29 -3.86 0.00	105.94 -4.13 -4.07	108.17 -3.66 -4.18	88.51 -2.24 -1.01	76.80 -1.57 0.00	69.63 -2.08 0.00	64.57 -1.18 0.00	56.81 -1.64 0.00
DUNKIRK___4 23566	47.14 0.14 0.00	42.01 -0.30 0.00	37.48 -0.73 0.00	35.67 -0.62 0.00	35.75 -0.80 0.00	37.52 -0.77 0.00	42.62 -1.50 0.00	43.84 -2.21 0.00	47.83 -2.57 0.00	51.10 -2.07 0.00	56.86 -2.06 0.00	62.72 -1.67 0.00	64.62 -1.79 0.00	70.76 -1.89 0.00	79.49 -2.29 0.00	88.87 -4.48 0.00	103.29 -3.86 0.00	105.94 -4.13 -4.07	108.17 -3.66 -4.18	88.51 -2.24 -1.01	76.80 -1.57 0.00	69.63 -2.08 0.00	64.57 -1.18 0.00	56.81 -1.64 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	49.78 2.77 0.00	44.97 2.67 0.00	40.58 2.37 0.00	38.54 2.25 0.00	38.85 2.30 0.00	40.65 2.37 0.00	46.81 2.69 0.00	49.13 3.09 0.00	53.68 3.28 0.00	56.63 3.46 0.00	62.70 3.77 0.00	68.32 3.93 0.00	71.26 4.85 0.00	77.66 5.01 0.00	88.73 6.95 0.00	108.12 9.43 -5.34	124.88 11.04 -6.70	150.67 10.71 -33.96	147.58 10.23 -29.70	118.52 7.99 -20.79	108.22 5.02 -24.84	90.07 4.02 -14.34	69.44 3.68 0.00	61.19 2.75 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	49.26 2.26 0.00	44.47 2.16 0.00	40.16 1.95 0.00	38.21 1.92 0.00	38.49 1.94 0.00	40.23 1.95 0.00	46.28 2.16 0.00	48.53 2.49 0.00	53.18 2.77 0.00	56.10 2.92 0.00	62.17 3.24 0.00	67.74 3.35 0.00	70.66 4.25 0.00	77.15 4.50 0.00	87.99 6.22 0.00	105.04 8.21 -3.48	121.26 9.75 -4.36	145.38 9.54 -29.84	140.06 9.26 -23.14	112.97 7.18 -16.04	106.22 4.70 -23.15	90.12 3.87 -14.53	69.24 3.49 0.00	60.96 2.51 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	50.06 3.06 0.00	45.31 3.00 0.00	40.81 2.60 0.00	38.72 2.43 0.00	39.04 2.49 0.00	40.69 2.41 0.00	46.90 2.78 0.00	49.32 3.27 0.00	53.63 3.23 0.00	56.68 3.51 0.00	62.46 3.54 0.00	67.80 3.41 0.01	70.86 4.45 0.01	77.29 4.65 0.01	88.23 6.46 0.01	108.02 9.33 -5.34	124.46 10.61 -6.70	150.68 10.71 -33.97	147.25 9.90 -29.69	118.25 7.72 -20.78	107.90 4.70 -24.84	89.84 3.80 -14.33	69.30 3.55 0.01	60.89 2.45 0.01

E179THST_13_KV_LOAD 356214	50.39 3.38 0.00	45.57 3.26 0.00	41.04 2.83 0.00	38.94 2.65 0.00	39.22 2.67 0.00	40.92 2.64 0.00	47.16 3.04 0.00	49.59 3.55 0.00	53.93 3.53 0.00	57.06 3.88 0.00	62.87 3.95 0.00	68.25 3.86 0.01	71.39 4.98 0.01	77.87 5.23 0.01	88.89 7.11 0.01	108.77 10.08 -5.34	125.42 11.57 -6.70	151.63 11.66 -33.97	148.22 10.87 -29.69	118.97 8.44 -20.78	108.53 5.33 -24.84	90.42 4.37 -14.33	69.76 4.01 0.01	61.36 2.92 0.01
EAST HAMPTON___GT 23717	50.48 3.48 0.00	46.46 4.15 -0.01	41.66 3.44 -0.01	39.48 3.19 0.00	39.62 3.07 0.00	41.46 3.18 0.00	47.12 3.00 0.00	49.41 3.36 0.00	53.27 2.87 0.01	56.33 3.35 0.20	63.41 4.89 0.41	70.51 6.38 0.26	73.45 7.04 0.00	80.34 7.70 0.00	94.94 10.79 -2.36	113.74 14.66 -5.74	129.11 16.49 -5.46	222.09 16.43 -99.66	230.82 14.43 -108.73	204.28 12.74 -101.79	111.21 8.00 -24.85	91.94 5.88 -14.34	70.94 5.19 0.01	61.65 3.21 0.01
EAST RIVER___6 23660	49.97 2.96 0.00	45.14 2.83 0.00	40.69 2.48 0.00	38.65 2.36 0.00	38.96 2.41 0.00	40.73 2.45 0.00	46.94 2.83 0.00	49.37 3.32 0.00	53.93 3.53 0.00	57.00 3.83 0.00	63.05 4.12 0.00	68.52 4.12 0.00	71.53 5.11 0.00	77.73 5.08 0.00	88.98 7.20 0.00	108.58 9.89 -5.34	125.32 11.47 -6.70	151.09 11.13 -33.96	147.79 10.44 -29.70	118.70 8.17 -20.79	108.30 5.09 -24.84	90.21 4.16 -14.34	69.57 3.81 0.00	61.25 2.81 0.00
EAST RIVER___7 23524	49.97 2.96 0.00	45.14 2.83 0.00	40.69 2.48 0.00	38.65 2.36 0.00	38.96 2.41 0.00	40.73 2.45 0.00	46.94 2.83 0.00	49.37 3.32 0.00	53.93 3.53 0.00	57.00 3.83 0.00	63.05 4.12 0.00	68.52 4.12 0.00	71.53 5.11 0.00	77.73 5.08 0.00	88.98 7.20 0.00	108.58 9.89 -5.34	125.32 11.47 -6.70	151.09 11.13 -33.96	147.79 10.44 -29.70	118.70 8.17 -20.79	108.30 5.09 -24.84	90.21 4.16 -14.34	69.57 3.81 0.00	61.25 2.81 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	49.63 2.63 0.00	44.85 2.54 0.00	40.46 2.25 0.00	38.47 2.18 0.00	38.78 2.23 0.00	40.54 2.26 0.00	46.68 2.56 0.00	48.95 2.90 0.00	53.53 3.13 0.00	56.42 3.24 0.00	62.52 3.59 0.00	68.13 3.73 0.00	71.06 4.65 0.00	77.51 4.87 0.00	88.49 6.71 0.00	107.73 9.05 -5.33	124.44 10.61 -6.68	150.17 10.28 -33.88	147.19 9.90 -29.63	118.21 7.72 -20.74	107.94 4.78 -24.80	89.90 3.87 -14.31	69.31 3.55 0.00	61.02 2.57 0.00
EAST_HAMPTON___DIESEL 23722	50.39 3.39 0.00	46.38 4.06 -0.01	41.58 3.36 -0.01	39.41 3.12 0.00	39.55 3.00 0.00	41.38 3.10 0.00	47.03 2.91 0.00	49.32 3.27 0.00	53.12 2.72 0.01	56.22 3.24 0.20	63.29 4.77 0.41	70.38 6.24 0.26	73.32 6.91 0.00	80.20 7.56 0.00	94.77 10.63 -2.36	113.56 14.47 -5.74	128.89 16.28 -5.46	221.88 16.22 -99.66	230.60 14.21 -108.73	204.01 12.47 -101.79	111.05 7.84 -24.85	91.72 5.66 -14.34	70.75 5.00 0.01	61.54 3.10 0.01
EAST_POINT___SOLAR 323840	52.08 5.08 0.00	46.79 4.48 0.00	42.11 3.90 0.00	39.99 3.70 0.00	40.42 3.87 0.00	42.49 4.21 0.00	48.00 3.88 0.00	49.13 3.09 0.00	53.38 2.97 0.00	55.99 2.82 0.00	62.70 3.77 0.00	68.39 3.99 0.00	70.40 3.98 0.00	77.59 4.94 0.00	87.59 5.81 0.00	110.64 6.25 -11.04	128.38 7.39 -13.84	226.71 7.31 -113.40	241.59 8.72 -125.21	248.77 9.96 -149.06	324.37 10.11 -235.89	222.44 9.11 -141.62	73.78 8.02 0.00	64.82 6.37 0.00
EAST_PULASKI___ESR 323781	47.24 0.24 0.00	42.43 0.13 0.00	38.17 -0.04 0.00	36.22 -0.07 0.00	36.51 -0.04 0.00	38.32 0.04 0.00	44.07 -0.04 0.00	46.00 -0.05 0.00	50.30 -0.10 0.00	53.12 -0.05 0.00	58.69 -0.23 0.00	64.14 -0.26 0.00	66.21 -0.20 0.00	72.57 -0.07 0.00	81.78 0.00 0.00	93.84 -0.09 -0.59	111.62 -0.11 -4.58	107.31 0.00 -1.31	109.61 0.54 -1.41	91.04 0.90 -0.40	78.99 0.62 0.00	72.15 0.43 0.00	65.95 0.20 0.00	58.44 0.00 0.00
EAST_RIVER___1 323558	50.01 3.01 0.00	45.19 2.88 0.00	40.73 2.52 0.00	38.68 2.39 0.00	39.00 2.45 0.00	40.81 2.53 0.00	47.03 2.91 0.00	49.41 3.36 0.00	54.04 3.63 0.00	57.11 3.93 0.00	63.11 4.18 0.00	68.64 4.25 0.00	71.66 5.25 0.00	77.88 5.23 0.00	89.14 7.36 0.00	108.77 10.08 -5.34	125.53 11.68 -6.70	151.19 11.23 -33.96	148.12 10.76 -29.69	118.88 8.35 -20.79	108.46 5.25 -24.84	90.35 4.30 -14.34	69.63 3.88 0.00	61.37 2.92 0.00
EAST_RIVER___2 323559	49.97 2.96 0.00	45.14 2.83 0.00	40.69 2.48 0.00	38.65 2.36 0.00	38.96 2.41 0.00	40.73 2.45 0.00	46.94 2.83 0.00	49.37 3.32 0.00	53.93 3.53 0.00	57.00 3.83 0.00	63.05 4.12 0.00	68.52 4.12 0.00	71.53 5.11 0.00	77.73 5.08 0.00	88.98 7.20 0.00	108.58 9.89 -5.34	125.32 11.47 -6.70	151.09 11.13 -33.96	147.79 10.44 -29.70	118.70 8.17 -20.79	108.30 5.09 -24.84	90.21 4.16 -14.34	69.57 3.81 0.00	61.25 2.81 0.00
EAST___DELAWARE_HYD 23607	48.93 1.93 0.00	44.13 1.82 0.00	39.85 1.64 0.00	37.92 1.63 0.00	38.20 1.65 0.00	39.93 1.64 0.00	45.97 1.85 0.00	48.17 2.12 0.00	52.73 2.32 0.00	55.67 2.50 0.00	61.58 2.65 0.00	67.22 2.83 0.00	70.06 3.65 0.00	76.64 3.99 0.00	87.34 5.56 0.00	100.82 7.47 0.00	116.15 9.00 0.00	136.98 8.91 -22.07	139.14 8.83 -22.66	113.17 6.82 -16.61	107.63 4.62 -24.64	90.99 3.80 -15.47	68.98 3.22 0.00	60.61 2.16 0.00
EIGHT_POINT___WT_PWR 323820	47.61 0.61 0.00	42.39 0.08 0.00	37.90 -0.31 0.00	36.00 -0.29 0.00	36.15 -0.40 0.00	38.05 -0.23 0.00	43.50 -0.62 0.00	44.99 -1.06 0.00	48.79 -1.61 0.00	51.74 -1.43 0.00	57.51 -1.41 0.00	63.17 -1.23 0.00	65.22 -1.19 0.00	71.92 -0.73 0.00	80.88 -0.90 0.00	91.20 -2.14 0.00	105.65 -1.50 0.00	109.50 -1.59 -5.09	112.56 -0.32 -5.22	94.59 0.90 -3.95	85.48 1.18 -5.93	76.16 0.72 -3.73	66.74 0.99 0.00	58.80 0.35 0.00
ELBRIDGE_115KV_TB2 80188	47.10 0.09 0.00	42.27 -0.04 0.00	38.09 -0.11 0.00	36.15 -0.15 0.00	36.40 -0.15 0.00	38.17 -0.11 0.00	43.90 -0.22 0.00	45.82 -0.23 0.00	50.15 -0.25 0.00	53.01 -0.16 0.00	58.87 -0.06 0.00	64.46 0.06 0.00	66.55 0.13 0.00	72.79 0.15 0.00	82.11 0.33 0.00	93.53 0.19 0.00	107.36 0.21 0.00	106.22 0.21 0.00	108.09 0.43 0.00	90.29 0.54 0.00	78.60 0.24 0.00	71.79 0.07 0.00	65.89 0.13 0.00	58.15 -0.29 0.00
ELEC_TRO_TEK 24086	50.39 3.38 0.00	45.61 3.30 0.00	41.19 2.98 0.00	39.08 2.79 0.00	39.33 2.78 0.00	41.19 2.91 0.00	47.34 3.22 0.00	49.59 3.55 0.00	53.08 2.67 0.00	55.98 2.82 0.01	62.58 3.65 0.00	68.58 4.19 0.00	71.46 5.05 0.00	78.17 5.52 0.00	108.08 7.69 -18.62	111.95 10.27 -8.34	125.85 12.00 -6.70	154.90 11.55 -37.34	148.56 11.20 -29.70	119.43 8.89 -20.79	108.78 5.56 -24.85	90.36 4.30 -14.34	70.11 4.34 -0.02	61.04 2.57 -0.02
ELLENBURG_WT_PWR 323604	46.06 -0.94 0.00	41.42 -0.89 0.00	37.37 -0.84 0.00	35.42 -0.87 0.00	35.64 -0.91 0.00	37.33 -0.96 0.00	43.28 -0.84 0.00	45.22 -0.83 0.00	49.40 -1.01 0.00	52.00 -1.17 0.00	57.57 -1.35 0.00	62.72 -1.67 0.00	64.22 -2.19 0.00	70.39 -2.25 0.00	78.59 -3.19 0.00	88.13 -4.01 1.20	90.44 -4.82 11.89	98.90 -4.45 2.66	100.58 -4.20 2.88	85.63 -3.32 0.80	76.48 -1.88 0.00	70.14 -1.58 0.00	64.18 -1.58 0.00	57.63 -0.82 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	47.14 0.14 0.00	42.01 -0.30 0.00	37.52 -0.69 0.00	35.67 -0.62 0.00	35.75 -0.80 0.00	37.44 -0.84 0.00	42.40 -1.72 0.00	43.42 -2.62 0.00	47.28 -3.13 0.00	50.57 -2.61 0.00	56.27 -2.65 0.00	62.08 -2.32 0.00	63.89 -2.52 0.00	69.81 -2.83 0.00	78.43 -3.35 0.00	87.56 -5.79 0.00	101.69 -5.46 0.00	104.11 -5.72 -3.83	106.21 -5.38 -3.93	86.84 -3.86 -0.95	75.62 -2.74 0.00	68.56 -3.16 0.00	63.52 -2.24 0.00	56.17 -2.28 0.00
EMPIRE_CC_1 323656	48.13 1.13 0.00	43.41 1.10 0.00	39.32 1.11 0.00	37.42 1.13 0.00	37.72 1.17 0.00	39.47 1.19 0.00	45.22 1.10 0.00	47.15 1.10 0.00	51.77 1.36 0.00	54.34 1.17 0.00	60.17 1.24 0.00	65.68 1.29 0.00	68.07 1.66 0.00	74.32 1.67 0.00	84.64 2.86 0.00	127.66 3.83 -30.49	149.96 4.60 -38.21	212.78 4.56 -102.23	259.41 4.31 -147.44	213.30 3.41 -120.14	177.49 1.96 -97.16	112.80 1.72 -39.37	67.46 1.71 0.00	59.44 0.99 0.00
EMPIRE_CC_2 323658	48.13 1.13 0.00	43.41 1.10 0.00	39.32 1.11 0.00	37.42 1.13 0.00	37.72 1.17 0.00	39.47 1.19 0.00	45.22 1.10 0.00	47.15 1.10 0.00	51.77 1.36 0.00	54.34 1.17 0.00	60.17 1.24 0.00	65.68 1.29 0.00	68.07 1.66 0.00	74.32 1.67 0.00	84.64 2.86 0.00	127.66 3.83 -30.49	149.96 4.60 -38.21	212.78 4.56 -102.23	259.41 4.31 -147.44	213.30 3.41 -120.14	177.49 1.96 -97.16	112.80 1.72 -39.37	67.46 1.71 0.00	59.44 0.99 0.00
ENORWICH_115KV_TB1 80156	50.57 3.57 0.00	45.57 3.26 0.00	40.81 2.60 0.00	38.65 2.36 0.00	39.07 2.52 0.00	41.15 2.87 0.00	47.38 3.26 0.00	49.32 3.27 0.00	53.78 3.38 0.00	56.58 3.40 0.00	62.82 3.89 0.00	69.29 4.89 0.00	71.59 5.18 0.00	78.97 6.32 0.00	88.89 7.11 0.00	101.65 8.31 0.00	117.11 9.96 0.00	126.47 10.18 -10.29	129.96 11.73 -10.57	109.41 10.32 -9.34	102.14 8.78 -15.00	88.82 7.67 -9.43	72.13 6.38 0.00	63.53 5.08 0.00
ERIE_ST__34_KV_TB1-2 80199	47.05 0.05 0.00	41.97 -0.34 0.00	37.41 -0.80 0.00	35.60 -0.69 0.00	35.64 -0.91 0.00	37.40 -0.88 0.00	42.44 -1.68 0.00	43.56 -2.49 0.00	47.53 -2.87 0.00	50.83 -2.34 0.00	56.63 -2.30 0.00	62.53 -1.87 0.00	64.35 -2.06 0.00	70.54 -2.11 0.00	79.24 -2.54 0.00	88.59 -4.76 0.00	102.97 -4.18 0.00	105.47 -4.56 -4.02	107.59 -4.20 -4.13	87.96 -2.78 -1.00	76.33 -2.04 0.00	69.13 -2.58 0.00	64.05 -1.71 0.00	56.40 -2.05 0.00
ERIE_WT_PWR 323693	47.42 0.42 0.00	42.27 -0.04 0.00	37.75 -0.46 0.00	35.89 -0.40 0.00	35.96 -0.59 0.00	37.67 -0.61 0.00	42.70 -1.41 0.00	43.84 -2.21 0.00	47.73 -2.67 0.00	50.83 -2.34 0.00	56.63 -2.30 0.00	62.33 -2.06 0.00	64.15 -2.26 0.00	70.54 -2.11 0.00	78.84 -2.94 0.00	88.12 -5.23 0.00	102.33 -4.82 0.00	104.88 -5.09 -3.97	106.99 -4.73 -4.07	87.50 -3.23 -0.98	76.09 -2.28 0.00	68.77 -2.94 0.00	63.91 -1.84 0.00	56.92 -1.52 0.00
ESPRGFLD_115KV_TB1 80157	50.76 3.76 0.00	45.69 3.38 0.00	41.15 2.94 0.00	39.08 2.79 0.00	39.44 2.89 0.00	41.42 3.14 0.00	47.47 3.35 0.00	49.32 3.27 0.00	53.83 3.43 0.00	56.68 3.51 0.00	63.05 4.12 0.00	69.09 4.70 0.00	71.39 4.98 0.00	78.46 5.81 0.00	88.57 6.79 0.00	109.04 7.75 -7.95	126.11 9.00 -9.96	198.51 9.01 -83.50	208.92 9.69 -91.57	205.68 8.80 -107.14	255.11 7.68 -169.07	180.11 6.81 -101.58	71.67 5.92 0.00	63.12 4.68 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	48.32 1.32 0.00	43.32 1.02 0.00	39.01 0.80 0.00	37.02 0.73 0.00	37.28 0.73 0.00	39.16 0.88 0.00	45.04 0.93 0.00	46.97 0.92 0.00	51.31 0.91 0.00	54.13 0.96 0.00	60.05 1.12 0.00	65.81 1.42 0.00	68.01 1.59 0.00	74.54 1.89 0.00	84.15 2.37 0.00	95.87 2.52 0.00	110.36 3.21 0.00	115.20 3.39 -5.80	117.60 3.98 -5.96	98.10 3.68 -4.67	88.39 2.90 -7.13	78.64 2.44 -4.49	67.86 2.10 0.00	59.79 1.34 0.00
ETNA____115KV_TB2 80207	48.32 1.32 0.00	43.32 1.02 0.00	39.01 0.80 0.00	37.02 0.73 0.00	37.28 0.73 0.00	39.16 0.88 0.00	45.04 0.93 0.00	46.97 0.92 0.00	51.31 0.91 0.00	54.13 0.96 0.00	60.05 1.12 0.00	65.81 1.42 0.00	68.01 1.59 0.00	74.54 1.89 0.00	84.15 2.37 0.00	95.87 2.52 0.00	110.36 3.21 0.00	115.20 3.39 -5.80	117.60 3.98 -5.96	98.10 3.68 -4.67	88.39 2.90 -7.13	78.64 2.44 -4.49	67.86 2.10 0.00	59.79 1.34 0.00
EUCLID__115KV_TB2 356179	46.81 -0.19 0.00	42.01 -0.30 0.00	37.90 -0.31 0.00	35.96 -0.33 0.00	36.22 -0.33 0.00	37.97 -0.31 0.00	43.63 -0.49 0.00	45.54 -0.51 0.00	49.85 -0.55 0.00	52.75 -0.43 0.00	58.57 -0.35 0.00	64.14 -0.26 0.00	66.21 -0.20 0.00	72.50 -0.15 0.00	81.78 0.00 0.00	93.16 -0.19 0.00	108.30 -0.21 -1.36	105.79 -0.21 0.00	107.55 -0.11 0.00	89.75 0.00 0.00	78.13 -0.24 0.00	71.36 -0.36 0.00	65.43 -0.33 0.00	57.80 -0.64 0.00
E_CANADA_CAP_HY 24051	51.84 4.84 0.00	46.62 4.32 0.00	41.99 3.78 0.00	39.85 3.56 0.00	40.28 3.73 0.00	42.30 4.02 0.00	48.26 4.15 0.00	49.96 3.91 0.00	54.44 4.03 0.00	57.11 3.93 0.00	63.64 4.72 0.00	69.48 5.09 0.00	71.66 5.25 0.00	78.75 6.10 0.00	89.06 7.28 0.00	111.92 8.30 -10.27	129.88 9.85 -12.87	222.14 10.18 -105.96	235.59 11.09 -116.84	238.78 10.41 -138.63	307.18 9.56 -219.26	211.97 8.60 -131.65	73.31 7.56 0.00	64.52 6.08 0.00
E_CANADA_MHWK_HY 24050	46.25 -0.75 0.00	41.67 -0.63 0.00	37.60 -0.61 0.00	35.71 -0.58 0.00	36.04 -0.51 0.00	37.78 -0.50 0.00	43.54 -0.57 0.00	45.45 -0.60 0.00	49.80 -0.60 0.00	52.48 -0.69 0.00	58.16 -0.77 0.00	63.62 -0.77 0.00	65.68 -0.73 0.00	71.92 -0.73 0.00	81.04 -0.74 0.00	92.70 -0.65 0.00	106.08 -1.07 0.00	104.84 -1.16 0.00	106.69 -0.97 0.00	88.94 -0.81 0.00	77.51 -0.86 0.00	70.86 -0.86 0.00	65.03 -0.72 0.00	57.68 -0.76 0.00
E_FISHKILL__LBMP 23776	49.16 2.16 0.00	44.42 2.12 0.00	40.12 1.91 0.00	38.14 1.85 0.00	38.45 1.90 0.00	40.23 1.95 0.00	46.23 2.12 0.00	48.44 2.39 0.00	53.03 2.62 0.00	55.83 2.66 0.00	61.87 2.95 0.00	67.42 3.03 0.00	70.26 3.85 0.00	76.64 4.00 0.00	87.42 5.64 0.00	106.49 7.65 -5.49	123.03 9.00 -6.88	149.31 8.59 -34.72	146.29 8.29 -30.35	117.44 6.46 -21.23	107.67 4.00 -25.30	89.53 3.23 -14.59	68.71 2.96 0.00	60.61 2.16 0.00
FALCON__SEABRD_CC1 323796	45.97 -1.03 0.00	41.34 -0.97 0.00	37.26 -0.95 0.00	35.31 -0.98 0.00	35.53 -1.02 0.00	37.21 -1.07 0.00	43.19 -0.93 0.00	45.17 -0.88 0.00	49.09 -1.31 0.00	51.42 -1.75 0.00	56.92 -2.00 0.00	62.08 -2.32 0.00	63.49 -2.92 0.00	69.67 -2.98 0.00	77.77 -4.01 0.00	87.00 -5.04 1.31	89.02 -6.00 12.13	97.50 -5.62 2.89	99.26 -5.27 3.12	84.66 -4.22 0.87	75.78 -2.58 0.00	69.42 -2.30 0.00	63.45 -2.30 0.00	56.99 -1.46 0.00
FALCON__SEABRD_CC2 323797	45.97 -1.03 0.00	41.34 -0.97 0.00	37.26 -0.95 0.00	35.31 -0.98 0.00	35.53 -1.02 0.00	37.21 -1.07 0.00	43.19 -0.93 0.00	45.17 -0.88 0.00	49.09 -1.31 0.00	51.42 -1.75 0.00	56.92 -2.00 0.00	62.08 -2.32 0.00	63.49 -2.92 0.00	69.67 -2.98 0.00	77.77 -4.01 0.00	87.00 -5.04 1.31	89.02 -6.00 12.13	97.50 -5.62 2.89	99.26 -5.27 3.12	84.66 -4.22 0.87	75.78 -2.58 0.00	69.42 -2.30 0.00	63.45 -2.30 0.00	56.99 -1.46 0.00

FAR ROCKAWAY___4 23548	51.37 4.37 0.00	46.45 4.15 0.00	41.88 3.67 0.00	39.74 3.45 0.00	39.99 3.44 0.00	41.88 3.60 0.00	48.13 4.01 0.00	50.42 4.37 0.00	53.98 3.58 0.00	56.99 3.83 0.01	63.88 4.95 0.00	70.12 5.73 0.00	73.05 6.64 0.00	79.98 7.34 0.00	134.97 9.81 -43.38	118.25 12.60 -12.31	130.21 14.79 -8.28	157.76 14.42 -37.34	151.46 14.10 -29.70	121.76 11.22 -20.79	110.82 7.60 -24.85	92.08 6.02 -14.34	71.79 5.98 -0.05	62.36 3.86 -0.05
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	50.01 3.01 0.00	45.23 2.92 0.00	40.77 2.56 0.00	38.72 2.43 0.00	39.04 2.49 0.00	40.85 2.56 0.00	47.07 2.96 0.00	49.50 3.45 0.00	54.09 3.68 0.00	57.11 3.93 0.00	63.17 4.24 0.00	68.64 4.25 0.00	71.66 5.25 0.00	77.95 5.30 0.00	89.06 7.28 0.00	108.77 10.08 -5.34	125.53 11.68 -6.70	151.20 11.24 -33.96	148.12 10.77 -29.70	118.88 8.35 -20.79	108.46 5.25 -24.84	90.28 4.23 -14.34	69.64 3.88 0.00	61.48 3.04 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	50.06 3.06 0.00	45.23 2.92 0.00	40.77 2.56 0.00	38.72 2.43 0.00	39.04 2.49 0.00	40.85 2.56 0.00	47.07 2.96 0.00	49.50 3.45 0.00	54.09 3.68 0.00	57.11 3.93 0.00	63.17 4.24 0.00	68.64 4.25 0.00	71.66 5.25 0.00	77.95 5.30 0.00	89.06 7.28 0.00	108.77 10.08 -5.34	125.53 11.68 -6.70	151.20 11.24 -33.96	148.12 10.77 -29.70	118.97 8.44 -20.79	108.46 5.25 -24.84	90.28 4.23 -14.34	69.70 3.95 0.00	61.48 3.04 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	50.01 3.01 0.00	45.18 2.88 0.00	40.73 2.52 0.00	38.69 2.40 0.00	39.04 2.49 0.00	40.81 2.53 0.00	47.07 2.96 0.00	49.46 3.41 0.00	54.03 3.63 0.00	57.06 3.88 0.00	63.17 4.24 0.00	68.58 4.19 0.00	71.59 5.18 0.00	77.88 5.23 0.00	88.98 7.20 0.00	108.68 9.99 -5.34	125.31 11.47 -6.70	151.09 11.13 -33.96	147.90 10.55 -29.70	118.79 8.26 -20.79	108.30 5.09 -24.84	90.21 4.16 -14.34	69.57 3.81 0.00	61.43 2.98 0.00
FARRAGUT___LBMP 323566	49.96 2.96 0.00	45.14 2.83 0.00	40.69 2.48 0.00	38.65 2.36 0.00	39.00 2.45 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.41 3.36 0.00	53.98 3.58 0.00	57.00 3.83 0.00	63.05 4.12 0.00	68.45 4.06 0.00	71.46 5.05 0.00	77.73 5.09 0.00	88.89 7.11 0.00	108.49 9.80 -5.34	125.20 11.36 -6.70	150.88 10.92 -33.96	147.79 10.44 -29.70	118.70 8.17 -20.79	108.22 5.02 -24.84	90.07 4.02 -14.34	69.57 3.81 0.00	61.37 2.92 0.00
FENNER___WINDPWR 24204	48.22 1.22 0.00	43.37 1.06 0.00	39.05 0.84 0.00	37.05 0.76 0.00	37.35 0.80 0.00	39.20 0.92 0.00	45.13 1.02 0.00	47.11 1.06 0.00	51.51 1.11 0.00	54.34 1.17 0.00	60.28 1.36 0.00	66.07 1.67 0.00	68.27 1.86 0.00	74.97 2.32 0.00	84.47 2.69 0.00	96.70 3.08 -0.28	112.96 3.75 -2.06	110.34 3.71 -0.62	112.53 4.19 -0.68	93.71 3.77 -0.19	81.42 3.05 0.00	74.37 2.65 0.00	67.92 2.17 0.00	60.08 1.63 0.00
FIBERTEK___ENERGY 23856	47.33 0.33 0.00	42.48 0.17 0.00	38.29 0.08 0.00	36.33 0.04 0.00	36.59 0.04 0.00	38.40 0.11 0.00	44.16 0.04 0.00	46.14 0.09 0.00	50.51 0.10 0.00	53.44 0.27 0.00	59.34 0.41 0.00	64.97 0.58 0.00	66.81 0.40 0.00	73.08 0.44 0.00	82.35 0.57 0.00	93.91 0.56 0.00	108.93 0.64 -1.14	106.53 0.53 0.00	108.41 0.75 0.00	90.47 0.72 0.00	78.76 0.39 0.00	72.00 0.29 0.00	66.28 0.53 0.00	58.50 0.06 0.00
FITZPATRICK___ 23598	46.01 -0.99 0.00	41.34 -0.97 0.00	37.26 -0.95 0.00	35.38 -0.91 0.00	35.64 -0.91 0.00	37.33 -0.96 0.00	42.93 -1.19 0.00	44.81 -1.24 0.00	48.99 -1.41 0.00	51.79 -1.38 0.00	57.46 -1.47 0.00	62.85 -1.55 0.00	64.89 -1.52 0.00	71.05 -1.60 0.00	80.06 -1.72 0.00	91.29 -2.05 0.00	104.69 -2.46 0.00	103.57 -2.43 0.00	105.29 -2.37 0.00	87.95 -1.79 0.00	76.64 -1.72 0.00	69.99 -1.72 0.00	64.18 -1.58 0.00	56.87 -1.58 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	49.78 2.77 0.00	44.89 2.58 0.00	40.54 2.33 0.00	38.58 2.29 0.00	38.85 2.30 0.00	40.62 2.34 0.00	46.76 2.65 0.00	49.04 2.99 0.00	53.73 3.33 0.00	56.63 3.46 0.00	62.82 3.89 0.00	68.45 4.06 0.00	71.39 4.98 0.00	78.02 5.38 0.00	89.06 7.28 0.00	107.17 9.52 -4.31	123.80 11.25 -5.40	149.14 10.92 -32.22	142.12 10.66 -23.80	114.49 8.26 -16.48	107.76 5.64 -23.76	91.29 4.66 -14.92	69.90 4.14 0.00	61.48 3.04 0.00
FORT ORANGE___ 23900	47.80 0.80 0.00	43.07 0.76 0.00	38.93 0.72 0.00	37.02 0.73 0.00	37.32 0.77 0.00	39.05 0.77 0.00	44.78 0.66 0.00	46.78 0.73 0.00	51.31 0.91 0.00	53.86 0.69 0.00	59.64 0.71 0.00	65.10 0.71 0.00	67.27 0.86 0.00	73.45 0.80 0.00	83.58 1.80 0.00	5.87 2.80 90.27	-2.55 3.43 113.13	-22.43 3.49 131.93	-30.18 3.34 141.18	9.01 2.60 83.34	137.00 1.18 -57.46	148.87 1.00 -76.15	66.87 1.12 0.00	58.97 0.52 0.00
FORT_DRUM_COGEN 23780	48.74 1.74 0.00	43.96 1.65 0.00	39.32 1.11 0.00	37.27 0.98 0.00	37.57 1.02 0.00	39.51 1.22 0.00	45.53 1.41 0.00	47.52 1.47 0.00	51.87 1.46 0.00	54.56 1.38 0.00	60.40 1.47 0.00	66.20 1.80 0.00	68.07 1.66 0.00	74.90 2.25 0.00	84.40 2.62 0.00	98.34 3.08 -1.91	125.68 3.64 -14.89	114.36 4.13 -4.22	117.93 5.71 -4.57	97.04 6.01 -1.28	83.85 5.49 0.00	76.59 4.88 0.00	69.44 3.68 0.00	61.54 3.10 0.00
FOX_HILLS___ESR 323835	50.10 3.10 0.00	45.44 3.13 0.00	40.88 2.67 0.00	38.76 2.47 0.00	39.07 2.52 0.00	40.81 2.53 0.00	46.94 2.82 0.00	49.46 3.41 0.00	52.19 3.07 1.29	52.11 3.35 4.42	52.45 3.59 10.07	53.09 3.48 14.78	53.16 4.52 17.77	60.54 4.58 16.69	67.32 6.46 20.92	90.44 9.33 12.24	107.67 10.39 9.88	150.13 10.18 -33.95	146.82 9.47 -29.69	117.98 7.45 -20.78	90.51 4.62 -7.52	68.62 3.73 6.82	55.87 3.22 13.11	53.10 2.34 7.68
FPL_FAR_ROCK_GT1 24212	50.81 3.81 0.00	46.46 4.15 -0.01	41.89 3.67 -0.01	39.74 3.45 0.00	39.95 3.40 0.00	41.80 3.52 0.00	48.00 3.88 0.00	50.14 4.10 0.00	53.93 3.53 0.00	57.00 3.83 0.01	63.64 4.72 0.00	70.12 5.73 0.00	73.05 6.64 0.00	79.91 7.26 0.00	134.97 9.81 -43.38	118.25 12.60 -12.31	130.23 14.79 -8.28	157.76 14.41 -37.34	151.47 14.10 -29.71	121.77 11.22 -20.80	110.81 7.60 -24.85	92.15 6.09 -14.34	71.85 6.05 -0.05	62.18 3.68 -0.05
FPL_FAR_ROCK_GT2 23815	50.81 3.81 0.00	46.46 4.15 -0.01	41.89 3.67 -0.01	39.74 3.45 0.00	39.95 3.40 0.00	41.80 3.52 0.00	48.00 3.88 0.00	50.14 4.10 0.00	53.93 3.53 0.00	57.00 3.83 0.01	63.64 4.72 0.00	70.12 5.73 0.00	73.05 6.64 0.00	79.91 7.26 0.00	134.97 9.81 -43.38	118.25 12.60 -12.31	130.23 14.79 -8.28	157.76 14.41 -37.34	151.47 14.10 -29.71	121.77 11.22 -20.80	110.81 7.60 -24.85	92.15 6.09 -14.34	71.85 6.05 -0.05	62.18 3.68 -0.05
FRANKLIN_FALL_HYD 24054	46.86 -0.14 0.00	42.14 -0.17 0.00	37.94 -0.27 0.00	36.00 -0.29 0.00	36.19 -0.37 0.00	37.90 -0.38 0.00	43.98 -0.13 0.00	46.00 -0.05 0.00	50.15 -0.25 0.00	53.07 -0.11 0.00	58.51 -0.41 0.00	63.81 -0.58 0.00	65.35 -1.06 0.00	71.70 -0.94 0.00	79.90 -1.88 0.00	86.52 -2.80 4.02	85.03 -3.75 18.37	93.73 -3.39 8.89	95.13 -2.91 9.62	85.08 -1.97 2.69	77.90 -0.47 0.00	71.36 -0.36 0.00	65.30 -0.46 0.00	58.68 0.23 0.00

FREEPORT_EQUS_GT1 23764	50.24 3.24 0.00	46.08 3.76 -0.01	41.54 3.32 -0.01	39.41 3.12 0.00	39.62 3.07 0.00	41.46 3.18 0.00	47.65 3.53 0.00	49.68 3.64 0.00	53.27 2.87 0.00	56.30 3.14 0.01	62.75 3.83 0.00	68.97 4.57 0.00	71.86 5.45 0.00	78.61 5.96 0.00	105.52 8.10 -15.64	112.03 10.82 -7.86	126.49 12.64 -6.71	155.74 12.40 -37.34	149.42 12.06 -29.71	120.06 9.51 -20.80	109.17 5.95 -24.85	90.86 4.81 -14.34	70.84 5.06 -0.02	61.32 2.86 -0.02
FREEPORT___CT2 23818	50.24 3.24 0.00	46.08 3.76 -0.01	41.54 3.32 -0.01	39.41 3.12 0.00	39.62 3.07 0.00	41.46 3.18 0.00	47.65 3.53 0.00	49.68 3.64 0.00	53.27 2.87 0.00	56.30 3.14 0.01	62.75 3.83 0.00	68.97 4.57 0.00	71.86 5.45 0.00	78.61 5.96 0.00	105.52 8.10 -15.64	112.03 10.82 -7.86	126.49 12.64 -6.71	155.74 12.40 -37.34	149.42 12.06 -29.71	120.06 9.51 -20.80	109.17 5.95 -24.85	90.86 4.81 -14.34	70.84 5.06 -0.02	61.32 2.86 -0.02
FRESHKLS_33_KV_LOAD 356253	50.20 3.20 0.00	45.57 3.26 0.00	41.00 2.79 0.00	38.83 2.54 0.00	39.18 2.63 0.00	40.88 2.60 0.00	46.98 2.87 0.00	49.55 3.50 0.00	52.09 2.97 1.29	52.05 3.30 4.42	52.33 3.48 10.07	53.03 3.41 14.78	53.09 4.45 17.77	60.54 4.58 16.69	67.32 6.46 20.92	90.53 9.43 12.24	107.77 10.50 9.88	124.56 10.28 -8.27	121.48 9.58 -4.24	105.24 7.63 -7.86	90.51 4.62 -7.52	68.62 3.73 6.82	55.80 3.16 13.11	53.04 2.28 7.68
FULTON COGEN____ 23766	46.72 -0.28 0.00	41.93 -0.38 0.00	37.79 -0.42 0.00	35.89 -0.40 0.00	36.15 -0.40 0.00	37.90 -0.38 0.00	43.59 -0.53 0.00	45.50 -0.55 0.00	49.80 -0.60 0.00	52.59 -0.58 0.00	58.40 -0.53 0.00	63.88 -0.52 0.00	66.01 -0.40 0.00	72.21 -0.44 0.00	81.45 -0.33 0.00	93.11 -0.47 -0.23	108.40 -0.54 -1.78	105.99 -0.53 -0.52	107.89 -0.32 -0.56	89.73 -0.18 -0.16	77.97 -0.39 0.00	71.21 -0.50 0.00	65.23 -0.53 0.00	57.69 -0.76 0.00
FULTON___LFGE 323630	51.47 4.47 0.00	46.28 3.98 0.00	41.69 3.48 0.00	39.56 3.27 0.00	39.99 3.43 0.00	41.99 3.71 0.00	47.91 3.79 0.00	49.73 3.69 0.00	54.29 3.88 0.00	56.84 3.67 0.00	63.29 4.36 0.00	69.09 4.70 0.00	71.20 4.78 0.00	78.10 5.45 0.00	88.49 6.71 0.00	112.51 7.93 -11.24	130.55 9.32 -14.08	231.03 9.75 -115.28	245.53 10.56 -127.32	251.14 9.70 -151.69	327.30 8.85 -240.08	223.80 7.96 -144.13	72.79 7.04 0.00	64.06 5.61 0.00
G.F.CEMENT___DRP 24184	49.78 2.77 0.00	44.76 2.45 0.00	40.42 2.22 0.00	38.43 2.14 0.00	38.78 2.23 0.00	40.65 2.37 0.00	46.41 2.29 0.00	48.53 2.49 0.00	53.28 2.87 0.00	55.83 2.66 0.00	61.58 2.65 0.00	67.23 2.83 0.00	69.14 2.72 0.00	75.77 3.12 0.00	86.28 4.50 0.00	121.53 5.79 -22.40	142.07 6.86 -28.07	253.83 7.31 -140.51	273.73 7.86 -158.22	271.69 6.64 -175.30	335.93 5.88 -251.69	222.63 5.31 -145.61	70.42 4.67 0.00	62.01 3.57 0.00
GARDENVILLE___LBMP 24039	47.10 0.09 0.00	41.97 -0.34 0.00	37.44 -0.76 0.00	35.64 -0.65 0.00	35.64 -0.91 0.00	37.36 -0.92 0.00	42.31 -1.81 0.00	43.38 -2.67 0.00	47.23 -3.18 0.00	50.51 -2.66 0.00	56.22 -2.71 0.00	62.01 -2.38 0.00	63.82 -2.59 0.00	69.89 -2.76 0.00	78.51 -3.27 0.00	87.75 -5.60 0.00	101.79 -5.36 0.00	104.48 -5.62 -4.10	106.70 -5.17 -4.21	87.17 -3.59 -1.02	75.86 -2.51 0.00	68.85 -2.87 0.00	63.78 -1.97 0.00	56.28 -2.16 0.00
GARDNVLA_35_KV_LD 355827	47.33 0.33 0.00	42.22 -0.08 0.00	37.64 -0.57 0.00	35.82 -0.47 0.00	35.86 -0.69 0.00	37.59 -0.69 0.00	42.57 -1.54 0.00	43.65 -2.39 0.00	47.58 -2.82 0.00	50.83 -2.34 0.00	56.63 -2.30 0.00	62.46 -1.93 0.00	64.29 -2.13 0.00	70.40 -2.25 0.00	79.08 -2.70 0.00	88.31 -5.04 0.00	102.54 -4.61 0.00	105.10 -4.88 -3.97	107.22 -4.52 -4.08	87.68 -3.05 -0.99	76.25 -2.12 0.00	69.06 -2.65 0.00	64.05 -1.71 0.00	56.52 -1.93 0.00
GELCKHM___115KV_LOAD 80723	47.00 0.00 0.00	42.18 -0.13 0.00	38.02 -0.19 0.00	36.07 -0.22 0.00	36.33 -0.22 0.00	38.13 -0.15 0.00	43.85 -0.26 0.00	45.73 -0.32 0.00	50.10 -0.30 0.00	52.96 -0.21 0.00	58.81 -0.12 0.00	64.46 0.06 0.00	66.41 0.00 0.00	72.65 0.00 0.00	81.94 0.16 0.00	93.44 0.09 0.00	108.53 0.11 -1.27	106.00 0.00 0.00	107.76 0.11 0.00	89.93 0.18 0.00	78.29 -0.08 0.00	71.57 -0.14 0.00	65.69 -0.07 0.00	58.04 -0.41 0.00
GENERAL___MILLS 23808	47.24 0.24 0.00	42.10 -0.21 0.00	37.56 -0.65 0.00	35.75 -0.54 0.00	35.78 -0.77 0.00	37.52 -0.77 0.00	42.48 -1.63 0.00	43.56 -2.49 0.00	47.48 -2.92 0.00	50.73 -2.45 0.00	56.51 -2.42 0.00	62.33 -2.06 0.00	64.15 -2.26 0.00	70.18 -2.47 0.00	78.84 -2.94 0.00	88.03 -5.32 0.00	102.22 -4.93 0.00	104.77 -5.19 -3.97	106.88 -4.84 -4.07	87.41 -3.32 -0.98	76.01 -2.35 0.00	68.92 -2.80 0.00	63.85 -1.91 0.00	56.40 -2.05 0.00
GE_PLASTICS___DRP 24183	47.94 0.94 0.00	43.24 0.93 0.00	39.13 0.92 0.00	37.20 0.91 0.00	37.50 0.95 0.00	39.24 0.96 0.00	45.00 0.88 0.00	46.97 0.92 0.00	51.51 1.11 0.00	54.13 0.96 0.00	59.99 1.06 0.00	65.49 1.09 0.00	67.48 1.06 0.00	73.59 0.94 0.00	83.58 1.80 0.00	40.52 2.71 55.53	40.77 3.21 69.59	43.20 3.07 65.88	40.77 2.91 69.79	56.96 2.24 35.03	140.42 1.02 -61.03	135.35 0.93 -62.70	66.68 0.92 0.00	58.91 0.47 0.00
GILBOA___1 23756	48.18 1.18 0.00	43.45 1.14 0.00	39.55 1.34 0.00	37.59 1.30 0.00	37.86 1.31 0.00	39.62 1.34 0.00	45.35 1.23 0.00	47.24 1.20 0.00	51.71 1.31 0.00	54.50 1.33 0.00	60.40 1.47 0.00	65.94 1.54 0.00	68.40 1.99 0.00	74.68 2.03 0.00	84.81 3.03 0.00	96.61 3.27 0.00	110.90 3.75 0.00	129.21 3.61 -19.60	131.22 3.44 -20.12	103.99 2.79 -11.45	94.75 1.80 -14.58	82.73 1.86 -9.16	67.46 1.71 0.00	59.55 1.11 0.00
GILBOA___2 23757	48.18 1.18 0.00	43.45 1.14 0.00	39.55 1.34 0.00	37.59 1.30 0.00	37.86 1.31 0.00	39.62 1.34 0.00	45.35 1.23 0.00	47.24 1.20 0.00	51.71 1.31 0.00	54.50 1.33 0.00	60.40 1.47 0.00	65.94 1.54 0.00	68.40 1.99 0.00	74.68 2.03 0.00	84.81 3.03 0.00	96.61 3.27 0.00	110.90 3.75 0.00	129.21 3.61 -19.60	131.22 3.44 -20.12	103.99 2.79 -11.45	94.75 1.80 -14.58	82.73 1.86 -9.16	67.46 1.71 0.00	59.55 1.11 0.00
GILBOA___3 23758	48.18 1.18 0.00	43.45 1.14 0.00	39.55 1.34 0.00	37.59 1.30 0.00	37.86 1.31 0.00	39.62 1.34 0.00	45.35 1.23 0.00	47.24 1.20 0.00	51.71 1.31 0.00	54.50 1.33 0.00	60.40 1.47 0.00	65.94 1.54 0.00	68.40 1.99 0.00	74.68 2.03 0.00	84.81 3.03 0.00	96.61 3.27 0.00	110.90 3.75 0.00	129.21 3.61 -19.60	131.22 3.44 -20.12	103.99 2.79 -11.45	94.75 1.80 -14.58	82.73 1.86 -9.16	67.46 1.71 0.00	59.55 1.11 0.00
GILBOA___4 23759	48.18 1.18 0.00	43.45 1.14 0.00	39.55 1.34 0.00	37.59 1.30 0.00	37.86 1.31 0.00	39.62 1.34 0.00	45.35 1.23 0.00	47.24 1.20 0.00	51.71 1.31 0.00	54.50 1.33 0.00	60.40 1.47 0.00	65.94 1.54 0.00	68.40 1.99 0.00	74.68 2.03 0.00	84.81 3.03 0.00	96.61 3.27 0.00	110.90 3.75 0.00	129.21 3.61 -19.60	131.22 3.44 -20.12	103.99 2.79 -11.45	94.75 1.80 -14.58	82.73 1.86 -9.16	67.46 1.71 0.00	59.55 1.11 0.00

GILBOA____ 23599	48.22 1.22 0.00	43.45 1.14 0.00	39.55 1.34 0.00	37.60 1.31 0.00	37.87 1.32 0.00	39.66 1.38 0.00	45.35 1.24 0.00	47.24 1.20 0.00	51.77 1.36 0.00	54.50 1.33 0.00	60.40 1.47 0.00	65.94 1.55 0.00	68.41 1.99 0.00	74.75 2.11 0.00	84.81 3.03 0.00	96.61 3.27 0.00	110.90 3.75 0.00	129.21 3.60 -19.60	131.22 3.45 -20.12	103.98 2.78 -11.45	94.75 1.80 -14.58	82.74 1.86 -9.16	67.47 1.71 0.00	59.56 1.11 0.00
GINNA____ 23603	46.06 -0.94 0.00	41.08 -1.23 0.00	36.87 -1.34 0.00	34.95 -1.34 0.00	35.16 -1.39 0.00	36.79 -1.49 0.00	42.00 -2.12 0.00	43.70 -2.35 0.00	47.68 -2.72 0.00	50.73 -2.45 0.00	56.51 -2.42 0.00	62.08 -2.32 0.00	64.15 -2.26 0.00	70.39 -2.25 0.00	79.08 -2.70 0.00	89.24 -4.11 0.00	102.75 -4.40 0.00	101.87 -4.14 0.00	103.57 -4.09 0.00	86.34 -3.41 0.00	75.62 -2.75 0.00	68.77 -2.94 0.00	63.12 -2.63 0.00	55.87 -2.57 0.00
GLEN PARK____ 23778	49.12 2.12 0.00	44.25 1.95 0.00	39.58 1.37 0.00	37.49 1.20 0.00	37.79 1.24 0.00	39.74 1.45 0.00	45.84 1.72 0.00	47.80 1.75 0.00	52.17 1.76 0.00	54.93 1.75 0.00	60.75 1.83 0.00	66.52 2.12 0.00	68.40 1.99 0.00	75.26 2.61 0.00	84.64 2.86 0.00	98.61 3.46 -1.81	125.41 4.17 -14.09	114.77 4.77 -3.99	118.44 6.46 -4.32	97.77 6.82 -1.21	84.55 6.19 0.00	77.24 5.52 0.00	69.97 4.21 0.00	62.01 3.57 0.00
GLENDALE_27_KV_LOAD 356172	50.25 3.24 0.00	45.44 3.13 0.00	40.96 2.75 0.00	38.87 2.58 0.00	39.18 2.63 0.00	40.96 2.68 0.00	47.20 3.09 0.00	49.69 3.64 0.00	54.19 3.78 0.00	57.21 4.04 0.00	63.23 4.30 0.00	68.64 4.25 0.01	71.65 5.25 0.01	77.94 5.30 0.01	89.05 7.28 0.01	108.86 10.17 -5.34	125.53 11.68 -6.70	151.41 11.45 -33.96	148.11 10.77 -29.69	118.97 8.44 -20.78	108.53 5.33 -24.84	90.35 4.30 -14.33	69.69 3.95 0.01	61.42 2.98 0.01
GLENWOOD_IC_1_G5 23712	50.43 3.43 0.00	45.61 3.30 0.00	41.15 2.94 0.00	39.05 2.76 0.00	39.33 2.78 0.00	41.15 2.87 0.00	47.34 3.22 0.00	49.69 3.64 0.00	53.63 3.23 0.00	56.62 3.46 0.01	63.17 4.24 0.00	68.64 4.25 0.00	71.59 5.18 0.00	78.24 5.59 0.00	100.13 7.77 -10.58	110.76 10.36 -7.05	125.96 12.11 -6.70	155.01 11.66 -37.34	148.66 11.30 -29.70	119.34 8.80 -20.79	108.78 5.56 -24.85	90.36 4.30 -14.34	69.84 4.08 -0.01	61.43 2.98 -0.01
GLENWOOD_IC_2_G1 23688	49.82 2.82 0.00	45.28 2.96 -0.01	40.85 2.63 -0.01	38.79 2.50 0.00	39.07 2.52 0.00	40.89 2.60 0.00	46.98 2.87 0.00	49.22 3.17 0.00	53.43 3.02 0.00	56.42 3.24 0.00	62.64 3.71 0.00	68.52 4.12 0.00	71.46 5.04 0.00	77.95 5.30 0.00	94.57 7.44 -5.35	109.45 9.89 -6.21	125.43 11.58 -6.71	154.58 11.23 -37.34	148.13 10.76 -29.71	119.08 8.53 -20.80	108.62 5.40 -24.85	90.36 4.30 -14.34	69.77 4.01 0.00	61.08 2.63 0.00
GLENWOOD_IC_3_G1 23689	49.82 2.82 0.00	45.28 2.96 -0.01	40.85 2.63 -0.01	38.79 2.50 0.00	39.07 2.52 0.00	40.89 2.60 0.00	46.98 2.87 0.00	49.22 3.17 0.00	53.43 3.02 0.00	56.42 3.24 0.00	62.64 3.71 0.00	68.52 4.12 0.00	71.46 5.04 0.00	77.95 5.30 0.00	94.57 7.44 -5.35	109.45 9.89 -6.21	125.43 11.58 -6.71	154.58 11.23 -37.34	148.13 10.76 -29.71	119.08 8.53 -20.80	108.62 5.40 -24.85	90.36 4.30 -14.34	69.77 4.01 0.00	61.08 2.63 0.00
GLENWOOD____4 23550	50.43 3.43 0.00	45.61 3.30 0.00	41.15 2.94 0.00	39.05 2.76 0.00	39.33 2.78 0.00	41.15 2.87 0.00	47.34 3.22 0.00	49.69 3.64 0.00	53.63 3.23 0.00	56.62 3.46 0.01	63.17 4.24 0.00	68.84 4.44 0.00	71.73 5.31 0.00	78.39 5.74 0.00	100.29 7.93 -10.58	110.94 10.55 -7.05	126.17 12.32 -6.70	155.22 11.87 -37.34	148.88 11.52 -29.70	119.61 9.06 -20.79	108.94 5.72 -24.85	90.57 4.52 -14.34	69.97 4.21 -0.01	61.43 2.98 -0.01
GLENWOOD____5 23614	50.43 3.43 0.00	45.61 3.30 0.00	41.15 2.94 0.00	39.05 2.76 0.00	39.33 2.78 0.00	41.15 2.87 0.00	47.34 3.22 0.00	49.69 3.64 0.00	53.63 3.23 0.00	56.62 3.46 0.01	63.17 4.24 0.00	68.84 4.44 0.00	71.73 5.31 0.00	78.39 5.74 0.00	100.29 7.93 -10.58	110.94 10.55 -7.05	126.17 12.32 -6.70	155.22 11.87 -37.34	148.88 11.52 -29.70	119.61 9.06 -20.79	108.94 5.72 -24.85	90.57 4.52 -14.34	69.97 4.21 -0.01	61.43 2.98 -0.01
GLOBAL GREEN_PORT_GT1 23814	50.76 3.76 0.00	46.72 4.40 -0.01	41.89 3.67 -0.01	39.70 3.41 0.00	39.84 3.29 0.00	41.69 3.41 0.00	47.51 3.40 0.00	49.78 3.73 0.00	53.58 3.18 0.01	56.59 3.62 0.20	63.64 5.12 0.41	70.77 6.63 0.26	73.72 7.31 0.00	80.71 8.06 0.00	95.43 11.29 -2.36	114.31 15.22 -5.74	129.97 17.36 -5.46	222.97 17.29 -99.68	230.62 14.21 -108.75	205.02 13.46 -101.82	111.91 8.70 -24.85	92.51 6.46 -14.34	71.54 5.79 0.01	61.95 3.51 0.01
GLOBE____DSASP 323697	46.53 -0.47 0.00	41.55 -0.76 0.00	37.10 -1.11 0.00	35.09 -1.20 0.00	35.34 -1.21 0.00	36.98 -1.30 0.00	41.51 -2.60 0.00	42.36 -3.68 0.00	46.02 -4.39 0.00	49.24 -3.93 0.00	54.74 -4.18 0.00	60.34 -4.06 0.00	62.03 -4.38 0.00	67.56 -5.09 0.00	75.89 -5.89 0.00	84.57 -8.77 0.00	98.04 -9.22 0.00	100.39 -9.22 -3.61	102.32 -9.04 -3.71	83.82 -6.82 -0.90	73.11 -5.25 0.00	66.26 -5.45 0.00	61.55 -4.21 0.00	54.70 -3.74 0.00
GOETHSLN____LBMP 323567	49.67 2.68 0.01	44.89 2.58 0.00	40.49 2.29 0.01	38.46 2.18 0.01	38.77 2.23 0.01	40.58 2.30 0.00	46.76 2.65 0.01	49.12 3.09 0.01	52.39 3.28 1.29	52.26 3.51 4.42	52.68 3.83 10.08	53.28 3.67 14.79	53.28 4.65 17.78	60.60 4.65 16.69	67.40 6.54 20.92	90.34 9.24 12.25	107.87 10.61 9.89	124.55 10.28 -8.26	121.58 9.69 -4.23	105.14 7.54 -7.85	90.34 4.47 -7.51	68.40 3.51 6.83	55.99 3.35 13.12	53.33 2.57 7.69
GOLAH____69_KV_TB 1_2 80279	47.94 0.94 0.00	42.77 0.47 0.00	38.29 0.08 0.00	36.36 0.07 0.00	36.51 -0.04 0.00	38.24 -0.04 0.00	43.59 -0.53 0.00	45.08 -0.97 0.00	49.04 -1.36 0.00	52.22 -0.96 0.00	58.10 -0.82 0.00	63.94 -0.45 0.00	66.01 -0.40 0.00	72.21 -0.44 0.00	81.21 -0.57 0.00	91.29 -2.05 0.00	105.54 -1.61 0.00	104.41 -1.59 0.00	106.37 -1.29 0.00	89.12 -0.63 0.00	78.13 -0.24 0.00	71.14 -0.57 0.00	65.43 -0.33 0.00	57.80 -0.64 0.00
GOODYEAR_LAKE_HYD 323669	49.40 2.40 0.00	44.51 2.20 0.00	40.16 1.95 0.00	38.14 1.85 0.00	38.49 1.94 0.00	40.35 2.07 0.00	46.32 2.21 0.00	48.30 2.26 0.00	52.82 2.42 0.00	55.73 2.55 0.00	61.87 2.95 0.00	67.87 3.48 0.00	70.26 3.85 0.00	77.01 4.36 0.00	87.10 5.32 0.00	102.95 6.07 -3.54	118.55 6.96 -4.44	153.75 6.78 -40.97	158.49 7.11 -43.73	143.35 6.10 -47.50	157.24 4.86 -74.02	120.64 4.30 -44.63	69.44 3.68 0.00	61.25 2.81 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	47.71 0.71 0.00	42.82 0.51 0.00	38.59 0.38 0.00	36.65 0.36 0.00	36.88 0.33 0.00	38.66 0.38 0.00	44.38 0.26 0.00	46.19 0.14 0.00	50.51 0.10 0.00	53.76 0.58 0.00	59.63 0.71 0.00	65.36 0.97 0.00	67.61 1.20 0.00	74.03 1.38 0.00	83.66 1.88 0.00	95.21 1.87 0.00	108.86 1.71 0.00	115.96 1.59 -8.37	118.19 1.94 -8.59	98.25 1.88 -6.62	89.65 1.25 -10.03	79.02 1.00 -6.31	66.81 1.05 0.00	58.74 0.29 0.00

GOUDEY___7 23579	47.71 0.71 0.00	42.82 0.51 0.00	38.59 0.38 0.00	36.65 0.36 0.00	36.88 0.33 0.00	38.66 0.38 0.00	44.38 0.26 0.00	46.19 0.14 0.00	50.51 0.10 0.00	53.76 0.58 0.00	59.63 0.71 0.00	65.36 0.97 0.00	67.61 1.20 0.00	74.03 1.38 0.00	83.66 1.88 0.00	95.21 1.87 0.00	108.86 1.71 0.00	115.96 1.59 -8.37	118.19 1.94 -8.59	98.25 1.88 -6.62	89.65 1.25 -10.03	79.02 1.00 -6.31	66.81 1.05 0.00	58.74 0.29 0.00
GOUDEY___8 23580	47.71 0.71 0.00	42.82 0.51 0.00	38.59 0.38 0.00	36.65 0.36 0.00	36.88 0.33 0.00	38.66 0.38 0.00	44.38 0.26 0.00	46.19 0.14 0.00	50.51 0.10 0.00	53.76 0.58 0.00	59.63 0.71 0.00	65.36 0.97 0.00	67.61 1.20 0.00	74.03 1.38 0.00	83.66 1.88 0.00	95.21 1.87 0.00	108.86 1.71 0.00	115.96 1.59 -8.37	118.19 1.94 -8.59	98.25 1.88 -6.62	89.65 1.25 -10.03	79.02 1.00 -6.31	66.81 1.05 0.00	58.74 0.29 0.00
GOWANUS_GT1_1 24077	50.15 3.15 0.00	45.40 3.09 0.00	40.88 2.67 0.00	38.76 2.47 0.00	39.07 2.52 0.00	40.81 2.53 0.00	46.98 2.87 0.00	49.50 3.45 0.00	53.74 3.33 0.00	56.85 3.67 0.00	62.82 3.89 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.58 4.94 0.01	88.64 6.87 0.01	108.49 9.80 -5.34	124.78 10.93 -6.70	150.78 10.81 -33.96	147.36 10.01 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.13 4.09 -14.33	69.30 3.55 0.01	61.07 2.63 0.01
GOWANUS_GT1_2 24078	50.15 3.15 0.00	45.40 3.09 0.00	40.88 2.67 0.00	38.76 2.47 0.00	39.07 2.52 0.00	40.81 2.53 0.00	46.98 2.87 0.00	49.50 3.45 0.00	53.74 3.33 0.00	56.85 3.67 0.00	62.82 3.89 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.58 4.94 0.01	88.64 6.87 0.01	108.49 9.80 -5.34	124.78 10.93 -6.70	150.78 10.81 -33.96	147.36 10.01 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.13 4.09 -14.33	69.30 3.55 0.01	61.07 2.63 0.01
GOWANUS_GT1_3 24079	50.15 3.15 0.00	45.40 3.09 0.00	40.88 2.67 0.00	38.76 2.47 0.00	39.07 2.52 0.00	40.81 2.53 0.00	46.98 2.87 0.00	49.50 3.45 0.00	53.74 3.33 0.00	56.85 3.67 0.00	62.82 3.89 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.58 4.94 0.01	88.64 6.87 0.01	108.49 9.80 -5.34	124.78 10.93 -6.70	150.78 10.81 -33.96	147.36 10.01 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.13 4.09 -14.33	69.30 3.55 0.01	61.07 2.63 0.01
GOWANUS_GT1_4 24080	50.15 3.15 0.00	45.40 3.09 0.00	40.88 2.67 0.00	38.76 2.47 0.00	39.07 2.52 0.00	40.81 2.53 0.00	46.98 2.87 0.00	49.50 3.45 0.00	53.74 3.33 0.00	56.85 3.67 0.00	62.82 3.89 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.58 4.94 0.01	88.64 6.87 0.01	108.49 9.80 -5.34	124.78 10.93 -6.70	150.78 10.81 -33.96	147.36 10.01 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.13 4.09 -14.33	69.30 3.55 0.01	61.07 2.63 0.01
GOWANUS_GT1_5 24084	50.15 3.15 0.00	45.40 3.09 0.00	40.88 2.67 0.00	38.76 2.47 0.00	39.07 2.52 0.00	40.81 2.53 0.00	46.98 2.87 0.00	49.50 3.45 0.00	53.74 3.33 0.00	56.85 3.67 0.00	62.82 3.89 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.58 4.94 0.01	88.64 6.87 0.01	108.49 9.80 -5.34	124.78 10.93 -6.70	150.78 10.81 -33.96	147.36 10.01 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.13 4.09 -14.33	69.30 3.55 0.01	61.07 2.63 0.01
GOWANUS_GT1_6 24111	50.15 3.15 0.00	45.40 3.09 0.00	40.88 2.67 0.00	38.76 2.47 0.00	39.07 2.52 0.00	40.81 2.53 0.00	46.98 2.87 0.00	49.50 3.45 0.00	53.74 3.33 0.00	56.85 3.67 0.00	62.82 3.89 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.58 4.94 0.01	88.64 6.87 0.01	108.49 9.80 -5.34	124.78 10.93 -6.70	150.78 10.81 -33.96	147.36 10.01 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.13 4.09 -14.33	69.30 3.55 0.01	61.07 2.63 0.01
GOWANUS_GT1_7 24112	50.15 3.15 0.00	45.40 3.09 0.00	40.88 2.67 0.00	38.76 2.47 0.00	39.07 2.52 0.00	40.81 2.53 0.00	46.98 2.87 0.00	49.50 3.45 0.00	53.74 3.33 0.00	56.85 3.67 0.00	62.82 3.89 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.58 4.94 0.01	88.64 6.87 0.01	108.49 9.80 -5.34	124.78 10.93 -6.70	150.78 10.81 -33.96	147.36 10.01 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.13 4.09 -14.33	69.30 3.55 0.01	61.07 2.63 0.01
GOWANUS_GT1_8 24113	50.15 3.15 0.00	45.40 3.09 0.00	40.88 2.67 0.00	38.76 2.47 0.00	39.07 2.52 0.00	40.81 2.53 0.00	46.98 2.87 0.00	49.50 3.45 0.00	53.74 3.33 0.00	56.85 3.67 0.00	62.82 3.89 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.58 4.94 0.01	88.64 6.87 0.01	108.49 9.80 -5.34	124.78 10.93 -6.70	150.78 10.81 -33.96	147.36 10.01 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.13 4.09 -14.33	69.30 3.55 0.01	61.07 2.63 0.01
GOWANUS_GT2_1 24114	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.67 3.27 0.01	56.83 3.67 0.01	62.75 3.83 0.00	68.18 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.77 10.93 -6.69	150.77 10.82 -33.95	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
GOWANUS_GT2_2 24115	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.67 3.27 0.01	56.83 3.67 0.01	62.75 3.83 0.00	68.18 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.77 10.93 -6.69	150.77 10.82 -33.95	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
GOWANUS_GT2_3 24116	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.67 3.27 0.01	56.83 3.67 0.01	62.75 3.83 0.00	68.18 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.77 10.93 -6.69	150.77 10.82 -33.95	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
GOWANUS_GT2_4 24117	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.67 3.27 0.01	56.83 3.67 0.01	62.75 3.83 0.00	68.18 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.77 10.93 -6.69	150.77 10.82 -33.95	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
GOWANUS_GT2_5 24118	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.67 3.27 0.01	56.83 3.67 0.01	62.75 3.83 0.00	68.18 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.77 10.93 -6.69	150.77 10.82 -33.95	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01

GOWANUS_GT2_6 24119	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.67 3.27 0.01	56.83 3.67 0.01	62.75 3.83 0.00	68.18 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.77 10.93 -6.69	150.77 10.82 -33.95	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
GOWANUS_GT2_7 24120	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.67 3.27 0.01	56.83 3.67 0.01	62.75 3.83 0.00	68.18 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.77 10.93 -6.69	150.77 10.82 -33.95	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
GOWANUS_GT2_8 24121	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.67 3.27 0.01	56.83 3.67 0.01	62.75 3.83 0.00	68.18 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.77 10.93 -6.69	150.77 10.82 -33.95	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
GOWANUS_GT3_1 24122	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.68 3.27 0.00	56.84 3.67 0.00	62.75 3.83 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.79 10.93 -6.70	150.79 10.82 -33.96	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
GOWANUS_GT3_2 24123	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.68 3.27 0.00	56.84 3.67 0.00	62.75 3.83 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.79 10.93 -6.70	150.79 10.82 -33.96	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
GOWANUS_GT3_3 24124	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.68 3.27 0.00	56.84 3.67 0.00	62.75 3.83 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.79 10.93 -6.70	150.79 10.82 -33.96	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
GOWANUS_GT3_4 24125	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.68 3.27 0.00	56.84 3.67 0.00	62.75 3.83 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.79 10.93 -6.70	150.79 10.82 -33.96	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
GOWANUS_GT3_5 24126	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.68 3.27 0.00	56.84 3.67 0.00	62.75 3.83 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.79 10.93 -6.70	150.79 10.82 -33.96	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
GOWANUS_GT3_6 24127	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.68 3.27 0.00	56.84 3.67 0.00	62.75 3.83 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.79 10.93 -6.70	150.79 10.82 -33.96	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
GOWANUS_GT3_7 24128	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.68 3.27 0.00	56.84 3.67 0.00	62.75 3.83 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.79 10.93 -6.70	150.79 10.82 -33.96	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
GOWANUS_GT3_8 24129	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.68 3.27 0.00	56.84 3.67 0.00	62.75 3.83 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.79 10.93 -6.70	150.79 10.82 -33.96	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
GOWANUS_GT4_1 24130	50.15 3.15 0.00	45.40 3.09 0.00	40.88 2.67 0.00	38.76 2.47 0.00	39.07 2.52 0.00	40.81 2.53 0.00	46.98 2.87 0.00	49.50 3.45 0.00	53.72 3.33 0.01	56.83 3.67 0.01	62.82 3.89 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.58 4.94 0.01	88.64 6.87 0.01	108.49 9.80 -5.34	124.77 10.93 -6.69	150.77 10.81 -33.95	147.36 10.01 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.13 4.09 -14.33	69.30 3.55 0.01	61.07 2.63 0.01
GOWANUS_GT4_2 24131	50.15 3.15 0.00	45.40 3.09 0.00	40.88 2.67 0.00	38.76 2.47 0.00	39.07 2.52 0.00	40.81 2.53 0.00	46.98 2.87 0.00	49.50 3.45 0.00	53.72 3.33 0.01	56.83 3.67 0.01	62.82 3.89 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.58 4.94 0.01	88.64 6.87 0.01	108.49 9.80 -5.34	124.77 10.93 -6.69	150.77 10.81 -33.95	147.36 10.01 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.13 4.09 -14.33	69.30 3.55 0.01	61.07 2.63 0.01
GOWANUS_GT4_3 24132	50.15 3.15 0.00	45.40 3.09 0.00	40.88 2.67 0.00	38.76 2.47 0.00	39.07 2.52 0.00	40.81 2.53 0.00	46.98 2.87 0.00	49.50 3.45 0.00	53.72 3.33 0.01	56.83 3.67 0.01	62.82 3.89 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.58 4.94 0.01	88.64 6.87 0.01	108.49 9.80 -5.34	124.77 10.93 -6.69	150.77 10.81 -33.95	147.36 10.01 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.13 4.09 -14.33	69.30 3.55 0.01	61.07 2.63 0.01
GOWANUS_GT4_4 24133	50.15 3.15 0.00	45.40 3.09 0.00	40.88 2.67 0.00	38.76 2.47 0.00	39.07 2.52 0.00	40.81 2.53 0.00	46.98 2.87 0.00	49.50 3.45 0.00	53.72 3.33 0.01	56.83 3.67 0.01	62.82 3.89 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.58 4.94 0.01	88.64 6.87 0.01	108.49 9.80 -5.34	124.77 10.93 -6.69	150.77 10.81 -33.95	147.36 10.01 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.13 4.09 -14.33	69.30 3.55 0.01	61.07 2.63 0.01

GOWANUS_GT4_5 24134	50.15 3.15 0.00	45.40 3.09 0.00	40.88 2.67 0.00	38.76 2.47 0.00	39.07 2.52 0.00	40.81 2.53 0.00	46.98 2.87 0.00	49.50 3.45 0.00	53.72 3.33 0.01	56.83 3.67 0.01	62.82 3.89 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.58 4.94 0.01	88.64 6.87 0.01	108.49 9.80 -5.34	124.77 10.93 -6.69	150.77 10.81 -33.95	147.36 10.01 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.13 4.09 -14.33	69.30 3.55 0.01	61.07 2.63 0.01
GOWANUS_GT4_6 24135	50.15 3.15 0.00	45.40 3.09 0.00	40.88 2.67 0.00	38.76 2.47 0.00	39.07 2.52 0.00	40.81 2.53 0.00	46.98 2.87 0.00	49.50 3.45 0.00	53.72 3.33 0.01	56.83 3.67 0.01	62.82 3.89 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.58 4.94 0.01	88.64 6.87 0.01	108.49 9.80 -5.34	124.77 10.93 -6.69	150.77 10.81 -33.95	147.36 10.01 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.13 4.09 -14.33	69.30 3.55 0.01	61.07 2.63 0.01
GOWANUS_GT4_7 24136	50.15 3.15 0.00	45.40 3.09 0.00	40.88 2.67 0.00	38.76 2.47 0.00	39.07 2.52 0.00	40.81 2.53 0.00	46.98 2.87 0.00	49.50 3.45 0.00	53.72 3.33 0.01	56.83 3.67 0.01	62.82 3.89 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.58 4.94 0.01	88.64 6.87 0.01	108.49 9.80 -5.34	124.77 10.93 -6.69	150.77 10.81 -33.95	147.36 10.01 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.13 4.09 -14.33	69.30 3.55 0.01	61.07 2.63 0.01
GOWANUS_GT4_8 24137	50.15 3.15 0.00	45.40 3.09 0.00	40.88 2.67 0.00	38.76 2.47 0.00	39.07 2.52 0.00	40.81 2.53 0.00	46.98 2.87 0.00	49.50 3.45 0.00	53.72 3.33 0.01	56.83 3.67 0.01	62.82 3.89 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.58 4.94 0.01	88.64 6.87 0.01	108.49 9.80 -5.34	124.77 10.93 -6.69	150.77 10.81 -33.95	147.36 10.01 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.13 4.09 -14.33	69.30 3.55 0.01	61.07 2.63 0.01
GREATVRV_69_KV_BK1 356245	51.66 4.65 0.00	46.83 4.53 0.00	42.11 3.90 0.00	39.92 3.63 0.00	40.13 3.58 0.00	42.03 3.75 0.00	48.31 4.19 0.00	50.65 4.60 0.00	53.68 3.28 0.00	56.37 3.40 0.21	63.33 4.66 0.25	69.84 5.60 0.16	72.85 6.44 0.00	79.91 7.26 0.00	94.70 9.81 -3.11	112.36 13.16 -5.86	128.20 15.54 -5.51	195.84 15.16 -74.68	199.67 14.96 -77.05	170.82 11.76 -69.32	111.05 7.84 -24.85	91.86 5.81 -14.34	71.54 5.79 0.00	61.95 3.51 0.00
GREENBSH_115KV_TB3 55895	47.75 0.75 0.00	43.03 0.72 0.00	38.93 0.73 0.00	37.02 0.73 0.00	37.32 0.77 0.00	39.05 0.77 0.00	44.78 0.66 0.00	46.78 0.74 0.00	51.36 0.96 0.00	53.92 0.74 0.00	59.75 0.82 0.00	65.23 0.84 0.00	67.41 1.00 0.00	73.66 1.02 0.00	83.74 1.96 0.00	0.33 2.89 95.91	-9.62 3.43 120.20	-32.89 3.39 142.29	-41.43 3.12 152.21	1.63 2.42 90.54	137.40 1.18 -57.86	151.64 1.00 -78.92	66.81 1.05 0.00	58.97 0.53 0.00
GREENDGE_115KV_TB5 80291	48.13 1.13 0.00	42.98 0.68 0.00	38.59 0.38 0.00	36.62 0.33 0.00	36.81 0.26 0.00	38.70 0.42 0.00	44.43 0.31 0.00	46.28 0.23 0.00	50.51 0.10 0.00	53.28 0.11 0.00	58.98 0.06 0.00	64.84 0.45 0.00	67.01 0.60 0.00	73.52 0.87 0.00	82.92 1.14 0.00	93.16 -0.19 0.00	106.83 -0.32 0.00	111.14 0.64 -4.50	112.82 0.54 -4.62	92.39 1.53 -1.12	80.25 1.88 0.00	73.08 1.36 0.00	67.01 1.25 0.00	58.80 0.35 0.00
GREENIDGE___3 23582	48.13 1.13 0.00	42.98 0.68 0.00	38.59 0.38 0.00	36.62 0.33 0.00	36.81 0.26 0.00	38.70 0.42 0.00	44.43 0.31 0.00	46.28 0.23 0.00	50.51 0.10 0.00	53.28 0.11 0.00	58.98 0.06 0.00	64.84 0.45 0.00	67.01 0.60 0.00	73.52 0.87 0.00	82.92 1.14 0.00	93.16 -0.19 0.00	106.83 -0.32 0.00	111.14 0.64 -4.50	112.82 0.54 -4.62	92.39 1.53 -1.12	80.25 1.88 0.00	73.08 1.36 0.00	67.01 1.25 0.00	58.80 0.35 0.00
GREENIDGE___4 23583	48.22 1.22 0.00	43.07 0.76 0.00	38.63 0.42 0.00	36.65 0.36 0.00	36.88 0.33 0.00	38.78 0.50 0.00	44.47 0.35 0.00	46.41 0.37 0.00	50.61 0.20 0.00	53.55 0.37 0.00	59.04 0.12 0.00	64.85 0.45 0.00	67.01 0.60 0.00	73.66 1.02 0.00	82.92 1.14 0.00	93.16 -0.19 0.00	106.83 -0.32 0.00	111.15 0.64 -4.50	112.82 0.54 -4.62	92.39 1.52 -1.12	80.24 1.88 0.00	73.01 1.29 0.00	67.00 1.25 0.00	58.97 0.52 0.00
GREENLWN_69_KV_BK 3 55738	50.01 3.01 0.00	45.57 3.26 0.00	41.07 2.87 0.00	38.94 2.65 0.00	39.18 2.63 0.00	41.04 2.76 0.00	47.16 3.04 0.00	49.27 3.22 0.00	52.07 1.66 0.00	54.42 1.75 0.51	60.23 2.65 1.34	66.74 3.22 0.87	70.46 4.05 0.00	77.22 4.58 0.00	91.35 6.79 -2.78	108.47 9.33 -5.79	123.85 11.25 -5.45	140.57 11.02 -23.54	130.73 10.87 -12.20	101.03 8.44 -2.85	107.84 4.62 -24.85	89.21 3.16 -14.34	69.04 3.29 0.01	59.90 1.46 0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	50.15 3.15 0.00	45.40 3.09 0.00	40.88 2.67 0.00	38.76 2.47 0.00	39.07 2.52 0.00	40.81 2.53 0.00	46.98 2.87 0.00	49.50 3.45 0.00	53.74 3.33 0.00	56.85 3.67 0.00	62.82 3.89 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.58 4.94 0.01	88.64 6.87 0.01	108.49 9.80 -5.34	124.78 10.93 -6.70	150.78 10.81 -33.96	147.36 10.01 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.13 4.09 -14.33	69.30 3.55 0.01	61.07 2.63 0.01
GRISSOM___SOLAR 323813	51.09 4.09 0.00	45.95 3.64 0.00	41.42 3.21 0.00	39.30 3.01 0.00	39.73 3.18 0.00	41.69 3.41 0.00	47.65 3.53 0.00	49.50 3.46 0.00	54.04 3.63 0.00	56.63 3.45 0.00	63.05 4.12 0.00	68.77 4.38 0.00	70.86 4.45 0.00	77.73 5.08 0.00	88.16 6.38 0.00	112.23 7.47 -11.42	130.24 8.79 -14.31	232.21 9.22 -116.99	246.80 9.90 -129.25	252.82 8.97 -154.09	330.42 8.15 -243.91	225.45 7.32 -146.42	72.20 6.45 0.00	63.53 5.08 0.00
GROVEVILLE___HYD 323602	49.78 2.77 0.00	44.89 2.58 0.00	40.54 2.33 0.00	38.58 2.29 0.00	38.85 2.30 0.00	40.62 2.34 0.00	46.76 2.65 0.00	49.04 2.99 0.00	53.73 3.33 0.00	56.63 3.46 0.00	62.82 3.89 0.00	68.45 4.06 0.00	71.39 4.98 0.00	78.02 5.38 0.00	89.06 7.28 0.00	107.17 9.52 -4.31	123.80 11.25 -5.40	149.14 10.92 -32.22	142.12 10.66 -23.80	114.49 8.26 -16.48	107.76 5.64 -23.76	91.29 4.66 -14.92	69.90 4.14 0.00	61.48 3.04 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	47.33 0.33 0.00	42.48 0.17 0.00	38.29 0.08 0.00	36.33 0.04 0.00	36.59 0.04 0.00	38.40 0.11 0.00	44.16 0.04 0.00	46.14 0.09 0.00	50.51 0.10 0.00	53.44 0.27 0.00	59.34 0.41 0.00	64.97 0.58 0.00	66.81 0.40 0.00	73.08 0.44 0.00	82.35 0.57 0.00	93.91 0.56 -1.14	108.93 0.64 0.00	106.53 0.53 0.00	108.41 0.75 0.00	90.47 0.72 0.00	78.76 0.39 0.00	72.00 0.29 0.00	66.28 0.53 0.00	58.50 0.06 0.00
HAMLTNNY_34_KV_TB 80303	47.61 0.61 0.00	42.69 0.38 0.00	38.40 0.19 0.00	36.44 0.15 0.00	36.70 0.15 0.00	38.51 0.23 0.00	44.25 0.13 0.00	46.19 0.14 0.00	50.56 0.15 0.00	53.49 0.32 0.00	59.46 0.53 0.00	65.17 0.77 0.00	67.28 0.86 0.00	73.66 1.02 0.00	83.01 1.23 0.00	94.47 1.12 0.00	108.54 1.39 0.00	107.38 1.38 0.00	109.16 1.51 0.00	91.18 1.44 0.00	79.38 1.02 0.00	72.50 0.79 0.00	66.48 0.72 0.00	58.68 0.23 0.00

HAMPSHIRE___PAPER_HYD 323593	47.57 0.57 0.00	42.82 0.51 0.00	38.48 0.27 0.00	36.47 0.18 0.00	36.62 0.07 0.00	38.43 0.15 0.00	44.51 0.40 0.00	46.37 0.32 0.00	50.46 0.05 0.00	53.12 -0.05 0.00	58.75 -0.18 0.00	64.33 -0.06 0.00	66.15 -0.26 0.00	72.65 0.00 0.00	81.62 -0.16 0.00	99.34 -1.02 -7.01	160.76 -1.50 -55.11	120.43 -1.06 -15.49	124.21 -0.21 -16.77	95.07 0.63 -4.69	79.78 1.41 0.00	73.01 1.29 0.00	66.80 1.05 0.00	59.79 1.35 0.00
HARDSCRABBLE_WT_PWR 323673	46.49 -0.52 0.00	41.88 -0.42 0.00	37.83 -0.38 0.00	35.93 -0.36 0.00	36.26 -0.29 0.00	38.02 -0.27 0.00	43.76 -0.35 0.00	45.73 -0.32 0.00	50.10 -0.30 0.00	52.80 -0.37 0.00	58.57 -0.35 0.00	64.07 -0.32 0.00	66.15 -0.26 0.00	72.36 -0.29 0.00	81.62 -0.16 0.00	93.25 -0.09 0.00	106.83 -0.32 0.00	105.58 -0.42 0.00	107.33 -0.32 0.00	89.48 -0.27 0.00	77.98 -0.39 0.00	71.29 -0.43 0.00	65.43 -0.33 0.00	58.04 -0.41 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	49.40 2.40 0.00	44.59 2.28 0.00	40.27 2.06 0.00	38.29 2.00 0.00	38.60 2.05 0.00	40.35 2.07 0.00	46.41 2.29 0.00	48.67 2.62 0.00	53.28 2.87 0.00	56.20 3.03 0.00	62.28 3.36 0.00	67.94 3.54 0.00	70.86 4.45 0.00	77.44 4.79 0.00	88.32 6.54 0.00	106.46 8.59 -4.53	123.01 10.18 -5.68	146.73 9.86 -30.87	139.17 9.58 -21.94	112.16 7.45 -14.96	104.58 4.86 -21.36	89.15 4.02 -13.42	69.31 3.55 0.00	60.96 2.51 0.00
HARSNRAD_115KV_TB1 81005	46.86 -0.14 0.00	41.76 -0.55 0.00	37.25 -0.96 0.00	35.53 -0.76 0.00	35.49 -1.06 0.00	37.13 -1.15 0.00	41.96 -2.16 0.00	42.92 -3.13 0.00	46.63 -3.78 0.00	49.93 -3.24 0.00	55.33 -3.59 0.00	60.85 -3.54 0.00	62.56 -3.85 0.00	68.36 -4.29 0.00	76.71 -5.07 0.00	85.50 -7.84 0.00	99.11 -8.04 0.00	101.30 -8.27 -3.56	103.35 -7.97 -3.66	84.80 -5.83 -0.88	73.98 -4.39 0.00	67.12 -4.59 0.00	62.20 -3.55 0.00	55.17 -3.27 0.00
HARZA MOOSE___RIVER 24016	48.04 1.03 0.00	43.28 0.97 0.00	38.90 0.69 0.00	36.87 0.58 0.00	37.17 0.62 0.00	39.01 0.73 0.00	45.00 0.88 0.00	46.97 0.92 0.00	51.36 0.96 0.00	54.08 0.90 0.00	59.93 1.00 0.00	65.68 1.29 0.00	67.74 1.33 0.00	74.46 1.82 0.00	84.23 2.45 0.00	97.58 2.89 -1.34	120.96 3.54 -10.27	112.78 3.82 -2.96	115.60 4.74 -3.20	95.22 4.58 -0.90	82.36 4.00 0.00	75.30 3.59 0.00	68.58 2.83 0.00	60.78 2.34 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	47.00 0.00 0.00	42.18 -0.13 0.00	38.02 -0.19 0.00	36.11 -0.18 0.00	36.33 -0.22 0.00	38.13 -0.15 0.00	43.85 -0.26 0.00	45.77 -0.28 0.00	50.10 -0.30 0.00	53.01 -0.16 0.00	58.87 -0.06 0.00	64.52 0.13 0.00	66.68 0.27 0.00	72.94 0.29 0.00	82.27 0.49 0.00	93.81 0.47 0.00	108.96 0.54 -1.28	106.43 0.42 0.00	108.20 0.54 0.00	90.29 0.54 0.00	78.52 0.16 0.00	71.79 0.07 0.00	65.76 0.00 0.00	58.09 -0.35 0.00
HELLGATE_13_KV_LD 55870	50.25 3.24 0.00	45.44 3.13 0.00	40.96 2.75 0.00	38.87 2.58 0.00	39.22 2.67 0.00	40.96 2.68 0.00	47.25 3.13 0.00	49.69 3.64 0.00	54.14 3.73 0.00	57.16 3.99 0.00	63.11 4.18 0.00	68.51 4.12 0.01	71.59 5.18 0.01	77.87 5.23 0.01	88.97 7.20 0.01	108.86 10.17 -5.34	125.42 11.57 -6.70	151.42 11.45 -33.96	148.11 10.77 -29.69	118.88 8.35 -20.78	108.45 5.25 -24.84	90.28 4.23 -14.33	69.63 3.88 0.01	61.36 2.92 0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	50.25 3.24 0.00	45.44 3.13 0.00	40.96 2.75 0.00	38.87 2.58 0.00	39.22 2.67 0.00	40.96 2.68 0.00	47.25 3.13 0.00	49.69 3.64 0.00	54.14 3.73 0.00	57.16 3.99 0.00	63.11 4.18 0.00	68.51 4.12 0.01	71.59 5.18 0.01	77.87 5.23 0.01	88.97 7.20 0.01	108.86 10.17 -5.34	125.42 11.57 -6.70	151.42 11.45 -33.96	148.11 10.77 -29.69	118.88 8.35 -20.78	108.45 5.25 -24.84	90.28 4.23 -14.33	69.63 3.88 0.01	61.36 2.92 0.01
HEMPSTEAD___ 23647	49.87 2.87 0.00	45.62 3.30 -0.01	41.16 2.94 -0.01	39.05 2.76 0.00	39.29 2.74 0.00	41.11 2.83 0.00	47.25 3.13 0.00	49.37 3.32 0.00	53.07 2.67 0.00	56.03 2.87 0.01	62.40 3.48 0.00	68.58 4.18 0.00	71.46 5.04 0.00	78.10 5.45 0.00	101.30 7.69 -11.84	110.96 10.36 -7.25	125.96 12.10 -6.71	155.11 11.77 -37.34	148.67 11.30 -29.71	119.44 8.89 -20.80	108.78 5.56 -24.85	90.36 4.30 -14.34	70.04 4.27 -0.01	60.85 2.40 -0.01
HICKLING___1 23621	47.80 0.80 0.00	42.77 0.47 0.00	38.36 0.15 0.00	36.44 0.15 0.00	36.59 0.04 0.00	38.43 0.15 0.00	44.03 -0.09 0.00	45.68 -0.37 0.00	49.80 -0.60 0.00	52.80 -0.37 0.00	58.69 -0.24 0.00	64.52 0.13 0.00	66.68 0.27 0.00	73.16 0.51 0.00	82.43 0.65 0.00	93.25 -0.09 0.00	107.79 0.64 0.00	112.88 0.53 -6.35	115.25 1.08 -6.52	96.29 1.62 -4.92	87.09 1.33 -7.39	77.29 0.93 -4.65	66.87 1.12 0.00	58.56 0.12 0.00
HICKLING___2 23622	47.80 0.80 0.00	42.77 0.47 0.00	38.36 0.15 0.00	36.44 0.15 0.00	36.59 0.04 0.00	38.43 0.15 0.00	44.03 -0.09 0.00	45.68 -0.37 0.00	49.80 -0.60 0.00	52.80 -0.37 0.00	58.69 -0.24 0.00	64.52 0.13 0.00	66.68 0.27 0.00	73.16 0.51 0.00	82.43 0.65 0.00	93.25 -0.09 0.00	107.79 0.64 0.00	112.88 0.53 -6.35	115.25 1.08 -6.52	96.29 1.62 -4.92	87.09 1.33 -7.39	77.29 0.93 -4.65	66.87 1.12 0.00	58.56 0.12 0.00
HIGH FALLS___HY 23754	49.59 2.59 0.00	44.72 2.41 0.00	40.39 2.18 0.00	38.43 2.14 0.00	38.71 2.16 0.00	40.46 2.18 0.00	46.63 2.51 0.00	48.90 2.85 0.00	53.48 3.07 0.00	56.42 3.24 0.00	62.46 3.54 0.00	68.13 3.73 0.00	71.19 4.78 0.00	77.95 5.30 0.00	88.89 7.11 0.00	97.02 9.24 5.57	111.31 11.14 6.98	131.18 10.92 -14.26	129.11 10.87 -10.58	107.15 8.44 -8.97	111.79 5.88 -27.55	97.11 4.88 -20.52	69.90 4.14 0.00	61.48 3.04 0.00
HIGH_RIVER___SOLAR 323847	49.59 2.58 0.00	44.63 2.33 0.00	40.31 2.10 0.00	38.28 1.99 0.00	38.63 2.08 0.00	40.50 2.22 0.00	46.32 2.20 0.00	48.12 2.07 0.00	52.37 1.96 0.00	54.87 1.70 0.00	60.99 2.06 0.00	66.52 2.12 0.00	68.74 2.32 0.00	75.26 2.61 0.00	85.29 3.51 0.00	109.70 4.30 -12.05	127.29 5.04 -15.11	234.76 5.61 -123.14	250.29 6.46 -136.17	258.30 5.83 -162.72	341.12 5.09 -257.66	230.97 4.59 -154.66	69.83 4.08 0.00	61.60 3.15 0.00
HILLBURN___GT 23639	49.30 2.30 0.00	44.55 2.24 0.00	40.23 2.02 0.00	38.25 1.96 0.00	38.56 2.01 0.00	40.31 2.03 0.00	46.37 2.25 0.00	48.62 2.58 0.00	53.18 2.77 0.00	56.15 2.98 0.00	62.16 3.24 0.00	67.87 3.47 0.00	70.80 4.38 0.00	77.23 4.58 0.00	88.16 6.38 0.00	106.64 8.58 -4.71	123.12 10.07 -5.90	147.30 9.75 -31.55	139.27 9.36 -22.25	112.19 7.27 -15.17	104.58 4.54 -21.67	89.13 3.80 -13.62	69.17 3.42 0.00	60.72 2.28 0.00
HILLSIDE_115KV_TB1 80332	47.10 0.09 0.00	42.18 -0.13 0.00	37.86 -0.34 0.00	35.96 -0.33 0.00	36.15 -0.40 0.00	37.97 -0.31 0.00	43.46 -0.66 0.00	45.13 -0.92 0.00	49.25 -1.16 0.00	52.16 -1.01 0.00	57.92 -1.00 0.00	63.62 -0.77 0.00	65.75 -0.66 0.00	72.14 -0.51 0.00	81.29 -0.49 0.00	91.95 -1.40 0.00	106.29 -0.86 0.00	111.64 -0.95 -6.59	113.89 -0.54 -6.77	95.04 0.18 -5.11	86.11 0.08 -7.67	76.25 -0.29 -4.82	65.89 0.13 0.00	57.69 -0.76 0.00

HISHELDN_WT_PWR 323625	47.05 0.05 0.00	41.93 -0.38 0.00	37.40 -0.80 0.00	35.56 -0.73 0.00	35.57 -0.99 0.00	37.29 -1.00 0.00	42.31 -1.81 0.00	43.42 -2.62 0.00	47.33 -3.08 0.00	50.30 -2.87 0.00	56.10 -2.83 0.00	61.69 -2.70 0.00	63.56 -2.85 0.00	70.10 -2.54 0.00	78.51 -3.27 0.00	87.93 -5.42 0.00	101.90 -5.25 0.00	104.76 -5.62 -4.38	107.31 -4.84 -4.50	87.69 -3.14 -1.09	76.17 -2.19 0.00	69.14 -2.58 0.00	64.11 -1.64 0.00	56.99 -1.46 0.00
HOLTSVILLE_IC_1 23690	49.82 2.82 0.00	45.95 3.64 -0.01	41.35 3.13 -0.01	39.19 2.90 0.00	39.40 2.85 0.00	41.23 2.95 0.00	47.30 3.18 0.00	49.32 3.27 0.00	52.42 2.02 0.01	55.12 2.13 0.18	61.37 2.83 0.38	68.01 3.86 0.25	71.06 4.65 0.00	77.73 5.08 0.00	91.71 7.61 -2.33	109.72 10.64 -5.73	125.03 12.42 -5.46	216.48 12.08 -98.40	226.63 11.84 -107.13	199.33 9.42 -100.16	109.09 5.88 -24.85	90.21 4.16 -14.34	69.96 4.21 0.01	60.37 1.93 0.01
HOLTSVILLE_IC_10 23699	50.10 3.10 0.00	46.21 3.89 -0.01	41.54 3.32 -0.01	39.37 3.08 0.00	39.58 3.03 0.00	41.42 3.14 0.00	47.56 3.44 0.00	49.59 3.55 0.00	52.77 2.37 0.01	55.49 2.55 0.24	61.74 3.30 0.48	68.52 4.44 0.31	71.73 5.32 0.00	78.39 5.74 0.00	92.71 8.43 -2.51	110.68 11.57 -5.77	126.35 13.72 -5.48	222.55 13.36 -103.19	233.89 13.02 -113.21	206.54 10.41 -106.38	109.87 6.66 -24.85	90.86 4.81 -14.34	70.55 4.80 0.00	60.78 2.34 0.00
HOLTSVILLE_IC_2 23691	49.82 2.82 0.00	45.95 3.64 -0.01	41.35 3.13 -0.01	39.19 2.90 0.00	39.40 2.85 0.00	41.23 2.95 0.00	47.30 3.18 0.00	49.32 3.27 0.00	52.42 2.02 0.01	55.12 2.13 0.18	61.37 2.83 0.38	68.01 3.86 0.25	71.06 4.65 0.00	77.73 5.08 0.00	91.71 7.61 -2.33	109.72 10.64 -5.73	125.03 12.42 -5.46	216.48 12.08 -98.40	226.63 11.84 -107.13	199.33 9.42 -100.16	109.09 5.88 -24.85	90.21 4.16 -14.34	69.96 4.21 0.01	60.37 1.93 0.01
HOLTSVILLE_IC_3 23692	49.82 2.82 0.00	45.95 3.64 -0.01	41.35 3.13 -0.01	39.19 2.90 0.00	39.40 2.85 0.00	41.23 2.95 0.00	47.30 3.18 0.00	49.32 3.27 0.00	52.42 2.02 0.01	55.12 2.13 0.18	61.37 2.83 0.38	68.01 3.86 0.25	71.06 4.65 0.00	77.73 5.08 0.00	91.71 7.61 -2.33	109.72 10.64 -5.73	125.03 12.42 -5.46	216.48 12.08 -98.40	226.63 11.84 -107.13	199.33 9.42 -100.16	109.09 5.88 -24.85	90.21 4.16 -14.34	69.96 4.21 0.01	60.37 1.93 0.01
HOLTSVILLE_IC_4 23693	49.82 2.82 0.00	45.95 3.64 -0.01	41.35 3.13 -0.01	39.19 2.90 0.00	39.40 2.85 0.00	41.23 2.95 0.00	47.30 3.18 0.00	49.32 3.27 0.00	52.42 2.02 0.01	55.12 2.13 0.18	61.37 2.83 0.38	68.01 3.86 0.25	71.06 4.65 0.00	77.73 5.08 0.00	91.71 7.61 -2.33	109.72 10.64 -5.73	125.03 12.42 -5.46	216.48 12.08 -98.40	226.63 11.84 -107.13	199.33 9.42 -100.16	109.09 5.88 -24.85	90.21 4.16 -14.34	69.96 4.21 0.01	60.37 1.93 0.01
HOLTSVILLE_IC_5 23694	49.82 2.82 0.00	45.95 3.64 -0.01	41.35 3.13 -0.01	39.19 2.90 0.00	39.40 2.85 0.00	41.23 2.95 0.00	47.30 3.18 0.00	49.32 3.27 0.00	52.42 2.02 0.01	55.12 2.13 0.18	61.37 2.83 0.38	68.01 3.86 0.25	71.06 4.65 0.00	77.73 5.08 0.00	91.71 7.61 -2.33	109.72 10.64 -5.73	125.03 12.42 -5.46	216.48 12.08 -98.40	226.63 11.84 -107.13	199.33 9.42 -100.16	109.09 5.88 -24.85	90.21 4.16 -14.34	69.96 4.21 0.01	60.37 1.93 0.01
HOLTSVILLE_IC_6 23695	50.10 3.10 0.00	46.21 3.89 -0.01	41.54 3.32 -0.01	39.37 3.08 0.00	39.58 3.03 0.00	41.42 3.14 0.00	47.56 3.44 0.00	49.59 3.55 0.00	52.77 2.37 0.01	55.49 2.55 0.24	61.74 3.30 0.48	68.52 4.44 0.31	71.73 5.32 0.00	78.39 5.74 0.00	92.71 8.43 -2.51	110.68 11.57 -5.77	126.35 13.72 -5.48	222.55 13.36 -103.19	233.89 13.02 -113.21	206.54 10.41 -106.38	109.87 6.66 -24.85	90.86 4.81 -14.34	70.55 4.80 0.00	60.78 2.34 0.00
HOLTSVILLE_IC_7 23696	50.10 3.10 0.00	46.21 3.89 -0.01	41.54 3.32 -0.01	39.37 3.08 0.00	39.58 3.03 0.00	41.42 3.14 0.00	47.56 3.44 0.00	49.59 3.55 0.00	52.77 2.37 0.01	55.49 2.55 0.24	61.74 3.30 0.48	68.52 4.44 0.31	71.73 5.32 0.00	78.39 5.74 0.00	92.71 8.43 -2.51	110.68 11.57 -5.77	126.35 13.72 -5.48	222.55 13.36 -103.19	233.89 13.02 -113.21	206.54 10.41 -106.38	109.87 6.66 -24.85	90.86 4.81 -14.34	70.55 4.80 0.00	60.78 2.34 0.00
HOLTSVILLE_IC_8 23697	50.10 3.10 0.00	46.21 3.89 -0.01	41.54 3.32 -0.01	39.37 3.08 0.00	39.58 3.03 0.00	41.42 3.14 0.00	47.56 3.44 0.00	49.59 3.55 0.00	52.77 2.37 0.01	55.49 2.55 0.24	61.74 3.30 0.48	68.52 4.44 0.31	71.73 5.32 0.00	78.39 5.74 0.00	92.71 8.43 -2.51	110.68 11.57 -5.77	126.35 13.72 -5.48	222.55 13.36 -103.19	233.89 13.02 -113.21	206.54 10.41 -106.38	109.87 6.66 -24.85	90.86 4.81 -14.34	70.55 4.80 0.00	60.78 2.34 0.00
HOLTSVILLE_IC_9 23698	50.10 3.10 0.00	46.21 3.89 -0.01	41.54 3.32 -0.01	39.37 3.08 0.00	39.58 3.03 0.00	41.42 3.14 0.00	47.56 3.44 0.00	49.59 3.55 0.00	52.77 2.37 0.01	55.49 2.55 0.24	61.74 3.30 0.48	68.52 4.44 0.31	71.73 5.32 0.00	78.39 5.74 0.00	92.71 8.43 -2.51	110.68 11.57 -5.77	126.35 13.72 -5.48	222.55 13.36 -103.19	233.89 13.02 -113.21	206.54 10.41 -106.38	109.87 6.66 -24.85	90.86 4.81 -14.34	70.55 4.80 0.00	60.78 2.34 0.00
HOMER_HL_115KV_TB2 355744	45.92 -1.08 0.00	41.00 -1.31 0.00	36.60 -1.60 0.00	34.80 -1.49 0.00	34.91 -1.64 0.00	36.67 -1.61 0.00	41.78 -2.34 0.00	43.10 -2.95 0.00	47.03 -3.38 0.00	50.04 -3.14 0.00	55.68 -3.24 0.00	61.43 -2.96 0.00	63.23 -3.19 0.00	69.45 -3.20 0.00	78.02 -3.76 0.00	87.47 -5.88 0.00	101.69 -5.46 0.00	104.91 -5.62 -4.53	107.14 -5.17 -4.65	87.55 -3.32 -1.12	75.62 -2.74 0.00	68.63 -3.08 0.00	63.78 -1.97 0.00	55.58 -2.86 0.00
HOWARD_WT_PWR 323690	47.61 0.61 0.00	42.39 0.08 0.00	37.90 -0.31 0.00	36.00 -0.29 0.00	36.15 -0.40 0.00	38.05 -0.23 0.00	43.54 -0.57 0.00	45.03 -1.01 0.00	48.89 -1.51 0.00	51.79 -1.38 0.00	57.57 -1.35 0.00	63.30 -1.10 0.00	65.35 -1.07 0.00	71.99 -0.66 0.00	80.96 -0.82 0.00	91.29 -2.05 0.00	105.75 -1.40 0.00	109.81 -1.38 -5.19	112.77 -0.21 -5.33	94.77 0.99 -4.03	85.67 1.25 -6.06	76.31 0.79 -3.81	66.80 1.05 0.00	58.86 0.41 0.00
HQ_GEN_CEDARS 23644	46.86 -0.14 0.00	42.18 -0.13 0.00	38.02 -0.19 0.00	36.11 -0.18 0.00	36.26 -0.29 0.00	37.97 -0.31 0.00	44.16 0.04 0.00	46.05 0.00 0.00	50.20 -0.20 0.00	53.01 -0.16 0.00	58.51 -0.41 0.00	63.88 -0.52 0.00	65.48 -0.93 0.00	71.70 -0.94 0.00	79.98 -1.80 0.00	79.98 -3.45 9.91	79.98 -4.18 22.99	79.98 -4.13 21.89	79.98 -3.98 23.70	79.98 -3.14 6.63	77.43 -0.94 0.00	71.00 -0.72 0.00	65.16 -0.59 0.00	58.68 0.23 0.00
HQ_GEN_CEDARS_PROXY 323590	46.86 -0.14 0.00	42.18 -0.13 0.00	38.02 -0.19 0.00	36.07 -0.22 0.00	36.26 -0.29 0.00	37.97 -0.31 0.00	44.16 0.04 0.00	46.05 0.00 0.00	50.20 -0.20 0.00	52.96 -0.21 0.00	58.52 -0.41 0.00	63.88 -0.52 0.00	65.48 -0.93 0.00	71.70 -0.95 0.00	79.98 -1.80 0.00	79.98 -3.45 9.91	79.98 -4.18 22.99	79.98 -4.14 21.89	79.98 -3.98 23.70	79.98 -3.14 6.63	77.43 -0.94 0.00	71.00 -0.72 0.00	65.82 -0.59 -0.66	58.02 0.23 0.66

HQ_GEN_IMPORT 323601	46.39 -0.61 0.00	41.80 -0.51 0.00	37.71 -0.50 0.00	35.82 -0.47 0.00	36.07 -0.48 0.00	37.75 -0.54 0.00	43.76 -0.35 0.00	45.68 -0.37 0.00	49.95 -0.45 0.00	52.69 -0.48 0.00	58.34 -0.59 0.00	63.75 -0.64 0.00	65.42 -0.99 0.00	73.05 -1.09 -1.49	78.41 -1.88 1.49	90.59 -2.43 0.33	101.46 -2.89 2.80	102.42 -2.86 0.73	104.07 -2.80 0.79	85.99 -2.33 1.43	78.40 -1.17 -1.21	70.78 -0.93 0.00	65.56 -0.86 -0.66	57.50 -0.29 0.66
HQ_GEN_WHEEL 23651	46.39 -0.61 0.00	41.80 -0.51 0.00	37.71 -0.50 0.00	35.82 -0.47 0.00	36.07 -0.48 0.00	37.75 -0.54 0.00	43.76 -0.35 0.00	45.68 -0.37 0.00	49.95 -0.45 0.00	52.69 -0.48 0.00	58.34 -0.59 0.00	63.75 -0.64 0.00	65.42 -0.99 0.00	73.05 -1.09 -1.49	78.41 -1.88 1.49	90.59 -2.43 0.33	101.46 -2.89 2.80	102.42 -2.86 0.73	104.07 -2.80 0.79	85.99 -2.33 1.43	78.40 -1.17 -1.21	70.78 -0.93 0.00	65.56 -0.86 -0.66	57.50 -0.29 0.66
HUDSON AVE_GT_3 23810	50.06 3.06 0.00	45.23 2.92 0.00	40.77 2.56 0.00	38.72 2.43 0.00	39.04 2.49 0.00	40.85 2.56 0.00	47.07 2.96 0.00	49.50 3.45 0.00	54.09 3.68 0.00	57.11 3.93 0.00	63.23 4.30 0.00	68.64 4.25 0.00	71.66 5.25 0.00	77.95 5.30 0.00	89.14 7.36 0.00	108.77 10.08 -5.34	125.53 11.68 -6.70	151.30 11.34 -33.96	148.12 10.77 -29.70	118.97 8.44 -20.79	108.46 5.25 -24.84	90.28 4.23 -14.34	69.70 3.95 0.00	61.48 3.04 0.00
HUDSON AVE_GT_4 23540	50.06 3.06 0.00	45.23 2.92 0.00	40.77 2.56 0.00	38.72 2.43 0.00	39.04 2.49 0.00	40.85 2.56 0.00	47.07 2.96 0.00	49.50 3.45 0.00	54.09 3.68 0.00	57.11 3.93 0.00	63.23 4.30 0.00	68.64 4.25 0.00	71.66 5.25 0.00	77.95 5.30 0.00	89.14 7.36 0.00	108.77 10.08 -5.34	125.53 11.68 -6.70	151.30 11.34 -33.96	148.12 10.77 -29.70	118.97 8.44 -20.79	108.46 5.25 -24.84	90.28 4.23 -14.34	69.70 3.95 0.00	61.48 3.04 0.00
HUDSON AVE_GT_5 23657	50.06 3.06 0.00	45.23 2.92 0.00	40.77 2.56 0.00	38.72 2.43 0.00	39.04 2.49 0.00	40.85 2.56 0.00	47.07 2.96 0.00	49.50 3.45 0.00	54.09 3.68 0.00	57.11 3.93 0.00	63.23 4.30 0.00	68.64 4.25 0.00	71.66 5.25 0.00	77.95 5.30 0.00	89.14 7.36 0.00	108.77 10.08 -5.34	125.53 11.68 -6.70	151.30 11.34 -33.96	148.12 10.77 -29.70	118.97 8.44 -20.79	108.46 5.25 -24.84	90.28 4.23 -14.34	69.70 3.95 0.00	61.48 3.04 0.00
HUDSON_AVE_10 24168	49.96 2.96 0.00	45.14 2.83 0.00	40.69 2.48 0.00	38.65 2.36 0.00	38.96 2.41 0.00	40.77 2.49 0.00	47.03 2.91 0.00	49.46 3.41 0.00	54.09 3.68 0.00	57.11 3.93 0.00	63.11 4.18 0.00	68.52 4.12 0.00	71.53 5.11 0.00	77.81 5.16 0.00	88.98 7.20 0.00	108.68 9.99 -5.34	126.12 11.57 -7.40	151.20 11.24 -33.96	148.12 10.77 -29.70	118.88 8.35 -20.79	108.38 5.17 -24.84	90.21 4.16 -14.34	69.64 3.88 0.00	61.43 2.98 0.00
HUDSON___115KV_TB 4 355613	48.74 1.74 0.00	43.87 1.57 0.00	39.66 1.45 0.00	37.71 1.42 0.00	38.01 1.46 0.00	39.77 1.49 0.00	45.62 1.50 0.00	47.61 1.57 0.00	52.12 1.71 0.00	54.61 1.44 0.00	60.40 1.47 0.00	66.00 1.61 0.00	68.07 1.66 0.00	74.32 1.67 0.00	84.64 2.86 0.00	30.77 4.29 66.87	28.71 5.36 83.80	22.65 5.62 88.97	17.94 5.71 95.42	40.84 4.58 53.49	136.89 2.74 -55.79	138.76 2.37 -64.68	68.25 2.50 0.00	60.14 1.69 0.00
HUNTER MOUNT___DRP 323613	49.02 2.02 0.00	44.08 1.78 0.00	39.85 1.64 0.00	37.92 1.63 0.00	38.23 1.68 0.00	39.97 1.68 0.00	45.88 1.76 0.00	47.84 1.80 0.00	52.37 1.97 0.00	54.87 1.70 0.00	60.69 1.77 0.00	66.26 1.87 0.00	68.34 1.93 0.00	74.61 1.96 0.00	84.89 3.11 0.00	46.84 4.85 51.36	48.90 6.11 64.36	50.82 6.36 61.54	47.56 6.57 66.67	59.54 5.30 35.51	133.28 2.98 -51.93	129.75 2.58 -55.45	68.65 2.89 0.00	60.49 2.05 0.00
HUNTINGTON_RES_REC 323705	49.54 2.54 0.00	45.91 3.59 -0.01	41.31 3.09 -0.01	39.16 2.87 0.00	39.37 2.81 0.00	41.19 2.91 0.00	47.34 3.22 0.00	49.22 3.17 0.00	52.31 1.91 0.01	54.59 2.07 0.65	59.96 2.77 1.73	67.07 3.80 1.13	71.13 4.72 0.00	77.73 5.08 0.00	91.97 7.69 -2.51	109.68 10.54 -5.79	125.34 12.64 -5.56	310.47 12.40 -192.07	345.74 12.16 -225.92	321.17 9.51 -221.91	108.78 5.56 -24.85	90.07 4.01 -14.34	69.76 4.01 0.01	60.19 1.75 0.01
HUNTLEY___63 23557	47.43 0.42 0.00	42.27 -0.04 0.00	37.71 -0.50 0.00	35.82 -0.47 0.00	35.93 -0.62 0.00	37.63 -0.65 0.00	42.44 -1.68 0.00	43.42 -2.62 0.00	47.28 -3.13 0.00	50.57 -2.61 0.00	56.27 -2.65 0.00	62.08 -2.32 0.00	63.62 -2.79 0.00	69.31 -3.34 0.00	77.85 -3.93 0.00	86.72 -6.63 0.00	100.72 -6.43 0.00	102.92 -6.78 -3.70	104.89 -6.57 -3.80	86.00 -4.67 -0.92	74.92 -3.45 0.00	67.91 -3.80 0.00	63.32 -2.43 0.00	56.05 -2.40 0.00
HUNTLEY___64 23558	47.43 0.42 0.00	42.27 -0.04 0.00	37.71 -0.50 0.00	35.82 -0.47 0.00	35.93 -0.62 0.00	37.63 -0.65 0.00	42.44 -1.68 0.00	43.42 -2.62 0.00	47.28 -3.13 0.00	50.57 -2.61 0.00	56.27 -2.65 0.00	62.08 -2.32 0.00	63.62 -2.79 0.00	69.31 -3.34 0.00	77.85 -3.93 0.00	86.72 -6.63 0.00	100.72 -6.43 0.00	102.92 -6.78 -3.70	104.89 -6.57 -3.80	86.00 -4.67 -0.92	74.92 -3.45 0.00	67.91 -3.80 0.00	63.32 -2.43 0.00	56.05 -2.40 0.00
HUNTLEY___65 23559	47.43 0.42 0.00	42.27 -0.04 0.00	37.71 -0.50 0.00	35.82 -0.47 0.00	35.93 -0.62 0.00	37.63 -0.65 0.00	42.44 -1.68 0.00	43.42 -2.62 0.00	47.28 -3.13 0.00	50.57 -2.61 0.00	56.27 -2.65 0.00	62.08 -2.32 0.00	63.62 -2.79 0.00	69.31 -3.34 0.00	77.85 -3.93 0.00	86.72 -6.63 0.00	100.72 -6.43 0.00	102.92 -6.78 -3.70	104.89 -6.57 -3.80	86.00 -4.67 -0.92	74.92 -3.45 0.00	67.91 -3.80 0.00	63.32 -2.43 0.00	56.05 -2.40 0.00
HUNTLEY___66 23560	47.43 0.42 0.00	42.27 -0.04 0.00	37.71 -0.50 0.00	35.82 -0.47 0.00	35.93 -0.62 0.00	37.63 -0.65 0.00	42.44 -1.68 0.00	43.42 -2.62 0.00	47.28 -3.13 0.00	50.57 -2.61 0.00	56.27 -2.65 0.00	62.08 -2.32 0.00	63.62 -2.79 0.00	69.31 -3.34 0.00	77.85 -3.93 0.00	86.72 -6.63 0.00	100.72 -6.43 0.00	102.92 -6.78 -3.70	104.89 -6.57 -3.80	86.00 -4.67 -0.92	74.92 -3.45 0.00	67.91 -3.80 0.00	63.32 -2.43 0.00	56.05 -2.40 0.00
HUNTLEY___67 23561	46.96 -0.05 0.00	41.84 -0.47 0.00	37.37 -0.84 0.00	35.56 -0.73 0.00	35.60 -0.95 0.00	37.25 -1.03 0.00	42.18 -1.94 0.00	43.15 -2.90 0.00	46.98 -3.43 0.00	50.20 -2.98 0.00	55.86 -3.06 0.00	61.56 -2.83 0.00	63.36 -3.05 0.00	69.23 -3.41 0.00	77.77 -4.01 0.00	86.81 -6.53 0.00	100.72 -6.43 0.00	103.19 -6.57 -3.76	105.16 -6.35 -3.86	86.10 -4.58 -0.93	75.00 -3.37 0.00	67.98 -3.73 0.00	62.99 -2.76 0.00	55.76 -2.69 0.00
HUNTLEY___68 23562	46.96 -0.05 0.00	41.84 -0.47 0.00	37.37 -0.84 0.00	35.56 -0.73 0.00	35.60 -0.95 0.00	37.25 -1.03 0.00	42.18 -1.94 0.00	43.15 -2.90 0.00	46.98 -3.43 0.00	50.20 -2.98 0.00	55.86 -3.06 0.00	61.56 -2.83 0.00	63.36 -3.05 0.00	69.23 -3.41 0.00	77.77 -4.01 0.00	86.81 -6.53 0.00	100.72 -6.43 0.00	103.19 -6.57 -3.76	105.16 -6.35 -3.86	86.10 -4.58 -0.93	75.00 -3.37 0.00	67.98 -3.73 0.00	62.99 -2.76 0.00	55.76 -2.69 0.00

HYLAND___LFGE 323620	50.53 3.53 0.00	44.93 2.62 0.00	40.16 1.95 0.00	38.03 1.74 0.00	38.27 1.72 0.00	40.19 1.91 0.00	45.79 1.68 0.00	46.97 0.92 0.00	48.49 -1.92 0.00	50.99 -2.18 0.00	55.98 -2.94 0.00	61.30 -3.09 0.00	63.23 -3.19 0.00	69.67 -2.98 0.00	78.91 -2.86 0.00	89.24 -4.11 0.00	104.26 -2.89 0.00	108.45 -1.70 -4.14	112.88 0.97 -4.25	93.20 2.42 -1.03	81.34 2.98 0.00	74.01 2.29 0.00	67.80 2.04 0.00	59.55 1.11 0.00
INDECK___CORINTH 23802	49.21 2.21 0.00	44.25 1.95 0.00	40.01 1.80 0.00	38.00 1.71 0.00	38.34 1.79 0.00	40.23 1.95 0.00	45.88 1.77 0.00	48.03 1.98 0.00	52.78 2.37 0.00	55.35 2.18 0.00	60.99 2.06 0.00	66.52 2.12 0.00	68.34 1.93 0.00	74.82 2.18 0.00	85.21 3.43 0.00	118.44 4.57 -20.52	138.33 5.46 -25.72	250.05 6.04 -138.01	269.37 6.79 -154.92	269.42 5.66 -174.01	338.08 5.17 -254.55	224.66 4.59 -148.36	69.77 4.01 0.00	61.37 2.92 0.00
INDECK___ILION 23567	46.91 -0.09 0.00	42.27 -0.04 0.00	38.17 -0.04 0.00	36.25 -0.04 0.00	36.55 0.00 0.00	38.28 0.00 0.00	44.07 -0.04 0.00	46.05 0.00 0.00	50.41 0.00 0.00	53.17 0.00 0.00	58.93 0.00 0.00	64.46 0.06 0.00	66.55 0.13 0.00	72.87 0.22 0.00	82.19 0.41 0.00	94.00 0.65 0.00	107.79 0.64 0.00	106.53 0.53 0.00	108.30 0.65 0.00	90.29 0.54 0.00	78.60 0.24 0.00	71.86 0.14 0.00	65.89 0.13 0.00	58.44 0.00 0.00
INDECK___OLEAN 23982	46.06 -0.94 0.00	41.55 -0.76 0.00	37.10 -1.11 0.00	35.27 -1.02 0.00	35.42 -1.13 0.00	37.21 -1.07 0.00	42.40 -1.72 0.00	43.79 -2.26 0.00	47.73 -2.67 0.00	50.09 -3.09 0.00	55.80 -3.12 0.00	61.43 -2.96 0.00	63.23 -3.19 0.00	69.67 -2.98 0.00	78.02 -3.76 0.00	87.47 -5.88 0.00	101.69 -5.46 0.00	105.01 -5.52 -4.53	107.14 -5.17 -4.65	87.55 -3.32 -1.12	75.62 -2.75 0.00	68.63 -3.08 0.00	63.78 -1.97 0.00	55.93 -2.51 0.00
INDECK___OSWEGO 23783	46.44 -0.56 0.00	41.72 -0.59 0.00	37.60 -0.61 0.00	35.71 -0.58 0.00	35.96 -0.59 0.00	37.71 -0.57 0.00	43.37 -0.75 0.00	45.26 -0.78 0.00	49.50 -0.91 0.00	52.32 -0.85 0.00	57.57 -1.35 0.00	62.92 -1.48 0.00	65.02 -1.40 0.00	71.12 -1.53 0.00	80.22 -1.56 0.00	91.78 -1.87 -0.30	107.31 -2.14 -2.30	104.55 -2.12 -0.66	106.44 -1.93 -0.72	88.51 -1.44 -0.20	76.87 -1.49 0.00	70.28 -1.43 0.00	64.37 -1.38 0.00	56.99 -1.46 0.00
INDECK___YERKES 23781	47.61 0.61 0.00	42.43 0.13 0.00	37.86 -0.34 0.00	36.04 -0.25 0.00	36.07 -0.48 0.00	37.78 -0.50 0.00	42.66 -1.45 0.00	43.70 -2.35 0.00	47.53 -2.87 0.00	50.68 -2.50 0.00	56.45 -2.47 0.00	62.14 -2.26 0.00	63.56 -2.85 0.00	69.67 -2.98 0.00	77.77 -4.01 0.00	86.72 -6.63 0.00	100.61 -6.54 0.00	102.92 -6.79 -3.70	105.00 -6.46 -3.80	85.91 -4.76 -0.92	74.92 -3.45 0.00	67.84 -3.87 0.00	63.39 -2.36 0.00	56.63 -1.81 0.00
INDIAN POINT_GT_1 24139	49.40 2.40 0.00	44.63 2.33 0.00	40.31 2.10 0.00	38.32 2.03 0.00	38.63 2.08 0.00	40.39 2.11 0.00	46.45 2.34 0.00	48.76 2.72 0.00	53.28 2.87 0.00	56.20 3.03 0.00	62.28 3.36 0.00	67.87 3.48 0.00	70.80 4.38 0.00	77.22 4.58 0.00	88.16 6.38 0.00	107.25 8.68 -5.23	123.88 10.18 -6.55	149.34 9.86 -33.48	146.42 9.47 -29.29	117.60 7.36 -20.50	107.46 4.55 -24.55	89.56 3.66 -14.19	69.11 3.35 0.00	60.84 2.40 0.00
INDIAN POINT_GT_2 23659	49.40 2.40 0.00	44.63 2.33 0.00	40.31 2.10 0.00	38.32 2.03 0.00	38.63 2.08 0.00	40.39 2.11 0.00	46.45 2.34 0.00	48.76 2.72 0.00	53.28 2.87 0.00	56.20 3.03 0.00	62.28 3.36 0.00	67.87 3.48 0.00	70.80 4.38 0.00	77.22 4.58 0.00	88.16 6.38 0.00	107.25 8.68 -5.23	123.88 10.18 -6.55	149.34 9.86 -33.48	146.42 9.47 -29.29	117.60 7.36 -20.50	107.46 4.55 -24.55	89.56 3.66 -14.19	69.11 3.35 0.00	60.84 2.40 0.00
INDIAN POINT_GT_3 24019	49.40 2.40 0.00	44.63 2.33 0.00	40.31 2.10 0.00	38.32 2.03 0.00	38.63 2.08 0.00	40.39 2.11 0.00	46.45 2.34 0.00	48.76 2.72 0.00	53.28 2.87 0.00	56.20 3.03 0.00	62.28 3.36 0.00	67.87 3.48 0.00	70.80 4.38 0.00	77.22 4.58 0.00	88.16 6.38 0.00	107.25 8.68 -5.23	123.88 10.18 -6.55	149.34 9.86 -33.48	146.42 9.47 -29.29	117.60 7.36 -20.50	107.46 4.55 -24.55	89.56 3.66 -14.19	69.11 3.35 0.00	60.84 2.40 0.00
INDIAN POINT___2 23530	49.30 2.30 0.00	44.55 2.24 0.00	40.23 2.02 0.00	38.25 1.96 0.00	38.56 2.01 0.00	40.31 2.03 0.00	46.37 2.25 0.00	48.62 2.58 0.00	53.18 2.77 0.00	56.10 2.92 0.00	62.11 3.18 0.00	67.74 3.35 0.00	70.67 4.25 0.00	77.01 4.36 0.00	87.99 6.21 0.00	106.78 8.40 -5.03	123.30 9.85 -6.30	148.30 9.54 -32.75	145.49 9.15 -28.68	116.88 7.09 -20.04	106.86 4.39 -24.11	89.26 3.58 -13.97	69.04 3.29 0.00	60.67 2.22 0.00
INDIAN POINT___3 23531	49.35 2.35 0.00	44.59 2.28 0.00	40.27 2.06 0.00	38.29 2.00 0.00	38.60 2.05 0.00	40.35 2.07 0.00	46.41 2.29 0.00	48.67 2.62 0.00	53.23 2.82 0.00	56.10 2.92 0.00	62.17 3.24 0.00	67.74 3.35 0.00	70.66 4.25 0.00	77.08 4.43 0.00	87.91 6.13 0.00	106.89 8.31 -5.24	123.57 9.86 -6.56	148.94 9.43 -33.51	146.12 9.15 -29.31	117.35 7.09 -20.51	107.32 4.39 -24.57	89.42 3.51 -14.19	68.98 3.22 0.00	60.78 2.34 0.00
INGHAM_C_115KV_TB7 356103	46.25 -0.75 0.00	41.67 -0.63 0.00	37.60 -0.61 0.00	35.71 -0.58 0.00	36.04 -0.51 0.00	37.78 -0.50 0.00	43.54 -0.57 0.00	45.45 -0.60 0.00	49.80 -0.60 0.00	52.48 -0.69 0.00	58.16 -0.77 0.00	63.62 -0.77 0.00	65.68 -0.73 0.00	71.92 -0.73 0.00	81.04 -0.74 0.00	92.69 -0.65 0.00	106.08 -1.07 0.00	104.84 -1.17 0.00	106.69 -0.97 0.00	88.94 -0.81 0.00	77.50 -0.86 0.00	70.85 -0.86 0.00	65.03 -0.72 0.00	57.74 -0.70 0.00
IP CORINTH___1 23988	49.49 2.49 0.00	44.51 2.20 0.00	40.20 1.99 0.00	38.21 1.92 0.00	38.56 2.01 0.00	40.42 2.14 0.00	46.15 2.03 0.00	48.30 2.26 0.00	53.08 2.67 0.00	55.62 2.45 0.00	61.22 2.30 0.00	66.91 2.51 0.00	68.74 2.32 0.00	75.26 2.62 0.00	85.71 3.93 0.00	119.00 5.13 -20.52	138.87 6.00 -25.72	250.58 6.57 -138.01	270.01 7.43 -154.92	269.95 6.19 -174.01	338.48 5.56 -254.55	225.09 5.02 -148.36	70.16 4.41 0.00	61.72 3.27 0.00
IP___TICONDEROGA 23804	51.84 4.84 0.00	46.45 4.15 0.00	41.76 3.55 0.00	39.67 3.37 0.00	40.10 3.55 0.00	42.15 3.87 0.00	48.00 3.88 0.00	50.28 4.24 0.00	55.24 4.84 0.00	57.80 4.63 0.00	63.76 4.83 0.00	69.61 5.22 0.00	70.93 4.52 0.00	77.95 5.30 0.00	88.98 7.20 0.00	122.92 9.05 -20.52	143.58 10.71 -25.72	256.20 12.19 -138.01	275.82 13.24 -154.92	275.07 11.31 -174.01	343.88 10.97 -254.55	229.97 9.90 -148.36	74.30 8.55 0.00	65.05 6.60 0.00
ISLIP_RES_REC 323679	50.43 3.43 0.00	46.46 4.15 -0.01	41.77 3.55 -0.01	39.59 3.30 0.00	39.77 3.22 0.00	41.61 3.33 0.00	47.82 3.71 0.00	49.92 3.87 0.00	53.17 2.77 0.01	55.92 2.98 0.23	62.32 3.83 0.44	69.20 5.09 0.28	72.39 5.98 0.00	79.19 6.54 0.00	93.73 9.32 -2.63	111.82 12.69 -5.79	127.53 14.89 -5.49	217.82 14.52 -97.30	227.60 14.21 -105.74	199.78 11.31 -98.72	110.58 7.36 -24.85	91.50 5.45 -14.34	71.07 5.32 0.00	61.19 2.75 0.00

JAMAICA__27_KV_LOAD 355505	50.39 3.38 0.00	45.48 3.17 0.00	41.00 2.79 0.00	38.90 2.61 0.00	39.26 2.70 0.00	41.11 2.83 0.00	47.51 3.40 0.00	50.01 3.96 0.00	54.70 4.28 -0.01	57.75 4.57 -0.01	63.64 4.71 0.00	69.16 4.77 0.00	72.19 5.78 0.00	78.46 5.81 0.00	89.88 8.10 0.00	109.89 11.20 -5.34	127.81 13.07 -7.59	152.70 12.72 -33.97	149.63 12.27 -29.70	120.23 9.69 -20.79	109.48 6.27 -24.84	91.00 4.95 -14.34	70.42 4.67 0.00	62.07 3.62 0.00
JANIS__SOLAR 323808	49.54 2.54 0.00	44.46 2.16 0.00	39.93 1.72 0.00	37.85 1.56 0.00	38.20 1.65 0.00	40.19 1.91 0.00	46.23 2.12 0.00	48.12 2.07 0.00	52.32 1.91 0.00	54.98 1.81 0.00	60.81 1.89 0.00	66.78 2.38 0.00	69.07 2.66 0.00	75.99 3.34 0.00	85.62 3.84 0.00	97.83 4.48 0.00	112.82 5.68 0.00	120.53 6.25 -8.27	123.79 7.64 -8.49	103.99 7.00 -7.24	95.70 5.88 -11.46	84.01 5.09 -7.20	70.03 4.27 0.00	61.77 3.33 0.00
JARVIS____ 23743	47.24 0.24 0.00	42.52 0.21 0.00	38.44 0.23 0.00	36.51 0.22 0.00	36.77 0.22 0.00	38.51 0.23 0.00	44.29 0.18 0.00	46.23 0.18 0.00	50.66 0.25 0.00	53.39 0.21 0.00	59.16 0.24 0.00	64.72 0.32 0.00	66.81 0.40 0.00	73.16 0.51 0.00	82.51 0.73 0.00	94.37 1.03 0.00	108.33 1.18 0.00	107.17 1.17 0.00	108.84 1.19 0.00	90.74 0.99 0.00	78.99 0.62 0.00	72.22 0.51 0.00	66.22 0.46 0.00	58.68 0.23 0.00
JENNISON____1 23625	49.73 2.73 0.00	44.76 2.45 0.00	40.20 1.99 0.00	38.10 1.81 0.00	38.49 1.94 0.00	40.42 2.14 0.00	46.50 2.38 0.00	48.44 2.39 0.00	52.93 2.52 0.00	55.83 2.66 0.00	61.99 3.06 0.00	68.19 3.80 0.00	70.60 4.18 0.00	77.66 5.01 0.00	87.59 5.81 0.00	99.97 6.63 0.00	114.86 7.71 0.00	125.93 7.63 -12.30	128.79 8.50 -12.63	108.63 7.45 -11.43	103.00 6.11 -18.52	88.66 5.31 -11.64	70.29 4.54 0.00	61.89 3.45 0.00
JENNISON____2 23626	49.73 2.73 0.00	44.76 2.45 0.00	40.20 1.99 0.00	38.10 1.81 0.00	38.49 1.94 0.00	40.42 2.14 0.00	46.50 2.38 0.00	48.44 2.39 0.00	52.93 2.52 0.00	55.83 2.66 0.00	61.99 3.06 0.00	68.19 3.80 0.00	70.60 4.18 0.00	77.66 5.01 0.00	87.59 5.81 0.00	99.97 6.63 0.00	114.86 7.71 0.00	125.93 7.63 -12.30	128.79 8.50 -12.63	108.63 7.45 -11.43	103.00 6.11 -18.52	88.66 5.31 -11.64	70.29 4.54 0.00	61.89 3.45 0.00
JERICOHO_RISE_WT_PWR 323719	46.01 -0.99 0.00	41.38 -0.93 0.00	37.33 -0.88 0.00	35.42 -0.87 0.00	35.60 -0.95 0.00	37.29 -1.00 0.00	43.28 -0.84 0.00	45.22 -0.83 0.00	49.40 -1.01 0.00	52.05 -1.12 0.00	57.63 -1.30 0.00	62.79 -1.61 0.00	64.22 -2.19 0.00	70.47 -2.18 0.00	78.59 -3.19 0.00	87.19 -4.11 2.05	88.49 -4.82 13.84	97.03 -4.45 4.53	98.55 -4.20 4.90	85.06 -3.32 1.37	76.57 -1.80 0.00	70.20 -1.51 0.00	64.25 -1.51 0.00	57.68 -0.76 0.00
KATONAH__115KV_46KV_TB4 355592	49.73 2.73 0.00	44.89 2.58 0.00	40.54 2.33 0.00	38.58 2.29 0.00	38.82 2.27 0.00	40.62 2.34 0.00	46.72 2.60 0.00	48.99 2.95 0.00	53.63 3.23 0.00	56.58 3.40 0.00	63.11 4.18 0.00	68.52 4.12 0.00	71.59 5.18 0.00	78.10 5.45 0.00	89.14 7.36 0.00	108.56 9.80 -5.41	125.40 11.47 -6.79	151.69 11.24 -34.45	148.54 10.77 -30.11	119.13 8.26 -21.12	109.07 5.41 -25.30	90.70 4.37 -14.61	69.70 3.95 0.00	61.25 2.81 0.00
KCE_NY_1 323755	49.68 2.68 0.00	44.72 2.41 0.00	40.39 2.18 0.00	38.36 2.07 0.00	38.71 2.16 0.00	40.54 2.26 0.00	46.41 2.29 0.00	48.44 2.39 0.00	53.18 2.77 0.00	55.78 2.60 0.00	61.75 2.83 0.00	67.42 3.03 0.00	69.47 3.06 0.00	76.06 3.42 0.00	86.52 4.74 0.00	122.34 6.06 -22.93	142.95 7.07 -28.73	254.65 7.42 -141.22	274.46 7.64 -159.15	271.70 6.28 -175.67	334.49 5.25 -250.88	221.27 4.73 -144.83	70.03 4.27 0.00	61.72 3.27 0.00
KCE_NY_6_ESR 323823	47.42 0.42 0.00	42.27 -0.04 0.00	37.75 -0.46 0.00	35.89 -0.40 0.00	35.96 -0.59 0.00	37.67 -0.61 0.00	42.70 -1.41 0.00	43.84 -2.21 0.00	47.73 -2.67 0.00	50.83 -2.34 0.00	56.63 -2.30 0.00	62.33 -2.06 0.00	64.15 -2.26 0.00	70.54 -2.11 0.00	78.84 -2.94 0.00	88.12 -5.23 0.00	102.33 -4.82 0.00	104.88 -5.09 -3.97	106.99 -4.73 -4.07	87.50 -3.23 -0.98	76.09 -2.28 0.00	68.77 -2.94 0.00	63.91 -1.84 0.00	56.92 -1.52 0.00
KEDC_PORT_JEFF_GT2 24210	50.01 3.01 0.00	46.12 3.81 -0.01	41.46 3.25 -0.01	39.30 3.01 0.00	39.51 2.96 0.00	41.34 3.06 0.00	47.47 3.35 0.00	49.46 3.41 0.00	52.62 2.22 0.01	55.25 2.34 0.26	61.30 2.95 0.58	68.08 4.06 0.37	71.26 4.85 0.00	77.59 4.94 0.00	91.73 7.52 -2.43	109.65 10.54 -5.76	125.05 12.42 -5.48	228.96 12.19 -110.77	242.32 11.84 -122.82	215.32 9.33 -116.24	108.93 5.72 -24.85	90.07 4.01 -14.34	70.16 4.41 0.01	60.48 2.04 0.01
KEDC_PORT_JEFF_GT3 24211	50.01 3.01 0.00	46.12 3.81 -0.01	41.46 3.25 -0.01	39.30 3.01 0.00	39.51 2.96 0.00	41.34 3.06 0.00	47.47 3.35 0.00	49.46 3.41 0.00	52.62 2.22 0.01	55.25 2.34 0.26	61.30 2.95 0.58	68.08 4.06 0.37	71.26 4.85 0.00	77.59 4.94 0.00	91.73 7.52 -2.43	109.65 10.54 -5.76	125.05 12.42 -5.48	228.96 12.19 -110.77	242.32 11.84 -122.82	215.32 9.33 -116.24	108.93 5.72 -24.85	90.07 4.01 -14.34	70.16 4.41 0.01	60.48 2.04 0.01
KEDC_GLWD_GT4 24219	50.06 3.05 0.00	45.57 3.26 -0.01	41.12 2.90 -0.01	39.05 2.76 0.00	39.29 2.74 0.00	41.11 2.83 0.00	47.30 3.18 0.00	49.46 3.41 0.00	53.58 3.18 0.00	56.62 3.45 0.01	62.58 3.65 0.00	68.64 4.25 0.00	71.60 5.18 0.00	78.17 5.52 0.00	100.14 7.77 -10.58	110.75 10.36 -7.05	125.96 12.10 -6.71	155.01 11.66 -37.34	148.56 11.20 -29.71	119.35 8.80 -20.80	108.78 5.56 -24.85	90.43 4.38 -14.34	69.84 4.08 -0.01	61.32 2.86 -0.01
KEDC_GLWD_GT5 24220	50.06 3.05 0.00	45.57 3.26 -0.01	41.12 2.90 -0.01	39.05 2.76 0.00	39.29 2.74 0.00	41.11 2.83 0.00	47.30 3.18 0.00	49.46 3.41 0.00	53.58 3.18 0.00	56.62 3.45 0.01	62.58 3.65 0.00	68.64 4.25 0.00	71.60 5.18 0.00	78.17 5.52 0.00	100.14 7.77 -10.58	110.75 10.36 -7.05	125.96 12.10 -6.71	155.01 11.66 -37.34	148.56 11.20 -29.71	119.35 8.80 -20.80	108.78 5.56 -24.85	90.43 4.38 -14.34	69.84 4.08 -0.01	61.32 2.86 -0.01
KENSICO____ 23655	49.63 2.63 0.00	44.85 2.54 0.00	40.46 2.25 0.00	38.47 2.18 0.00	38.78 2.23 0.00	40.54 2.26 0.00	46.68 2.56 0.00	48.95 2.90 0.00	53.53 3.13 0.00	56.42 3.24 0.00	62.52 3.59 0.00	68.13 3.73 0.00	71.06 4.65 0.00	77.51 4.87 0.00	88.49 6.71 0.00	107.73 9.05 -5.33	124.44 10.61 -6.68	150.17 10.28 -33.88	147.19 9.90 -29.63	118.21 7.72 -20.74	107.94 4.78 -24.80	89.90 3.87 -14.31	69.31 3.55 0.00	61.02 2.57 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	49.59 2.59 0.00	44.72 2.41 0.00	40.39 2.18 0.00	38.40 2.10 0.00	38.71 2.16 0.00	40.46 2.18 0.00	46.59 2.47 0.00	48.81 2.76 0.00	53.43 3.02 0.00	56.36 3.19 0.00	62.34 3.42 0.00	68.00 3.61 0.00	71.00 4.58 0.00	77.73 5.09 0.00	88.57 6.79 0.00	102.31 8.96 0.00	117.97 10.82 0.00	140.48 10.60 -23.88	134.25 10.66 -15.93	110.08 8.26 -12.08	109.43 5.72 -25.35	94.08 4.73 -17.63	69.83 4.08 0.00	61.43 2.98 0.00

KIAC_JFK_GT1 23816	50.01 3.01 0.00	45.18 2.88 0.00	40.69 2.48 0.00	38.65 2.36 0.00	39.04 2.49 0.00	40.81 2.53 0.00	47.16 3.04 0.00	49.69 3.64 0.00	54.35 3.93 -0.01	57.38 4.20 -0.01	63.17 4.24 0.00	68.64 4.25 0.00	71.66 5.25 0.00	77.88 5.23 0.00	89.14 7.36 0.00	109.05 10.36 -5.34	126.84 12.11 -7.59	151.74 11.77 -33.97	148.66 11.30 -29.70	119.42 8.89 -20.79	108.77 5.56 -24.84	90.35 4.30 -14.34	69.90 4.14 0.00	61.60 3.16 0.00
KIAC_JFK_GT2 23817	50.01 3.01 0.00	45.18 2.88 0.00	40.69 2.48 0.00	38.65 2.36 0.00	39.04 2.49 0.00	40.81 2.53 0.00	47.16 3.04 0.00	49.69 3.64 0.00	54.35 3.93 -0.01	57.38 4.20 -0.01	63.17 4.24 0.00	68.64 4.25 0.00	71.66 5.25 0.00	77.88 5.23 0.00	89.14 7.36 0.00	109.05 10.36 -5.34	126.84 12.11 -7.59	151.74 11.77 -33.97	148.66 11.30 -29.70	119.42 8.89 -20.79	108.77 5.56 -24.84	90.35 4.30 -14.34	69.90 4.14 0.00	61.60 3.16 0.00
KIAC_JFK____ 323774	50.01 3.01 0.00	45.14 2.83 0.00	40.69 2.48 0.00	38.61 2.32 0.00	39.00 2.45 0.00	40.81 2.53 0.00	47.12 3.00 0.00	49.59 3.55 0.00	54.30 3.88 -0.01	57.38 4.20 -0.01	63.11 4.18 0.00	68.64 4.25 0.00	71.66 5.25 0.00	77.81 5.16 0.00	89.14 7.36 0.00	109.14 10.45 -5.34	126.84 12.10 -7.59	151.74 11.77 -33.97	148.55 11.20 -29.70	119.42 8.89 -20.79	108.77 5.56 -24.84	90.35 4.30 -14.34	69.90 4.15 0.00	61.48 3.04 0.00
KINTIGH__24_KV_GSU 356498	47.14 0.14 0.00	42.06 -0.25 0.00	37.64 -0.57 0.00	35.78 -0.51 0.00	35.89 -0.66 0.00	37.55 -0.73 0.00	42.57 -1.55 0.00	43.84 -2.21 0.00	47.63 -2.77 0.00	50.73 -2.45 0.00	56.45 -2.47 0.00	62.01 -2.38 0.00	63.89 -2.52 0.00	70.10 -2.54 0.00	78.42 -3.36 0.00	87.84 -5.51 0.00	101.57 -5.58 0.00	103.79 -5.40 -3.19	105.77 -5.17 -3.28	86.68 -3.86 -0.79	75.47 -2.90 0.00	68.34 -3.37 0.00	63.32 -2.43 0.00	56.46 -1.99 0.00
KINTIGH____ 23543	47.05 0.05 0.00	41.97 -0.34 0.00	37.56 -0.65 0.00	35.71 -0.58 0.00	35.78 -0.77 0.00	37.44 -0.84 0.00	42.48 -1.63 0.00	43.65 -2.39 0.00	47.48 -2.92 0.00	50.67 -2.50 0.00	56.33 -2.59 0.00	62.01 -2.38 0.00	63.89 -2.52 0.00	69.74 -2.91 0.00	78.43 -3.35 0.00	87.84 -5.51 0.00	101.58 -5.57 0.00	103.79 -5.41 -3.19	105.66 -5.28 -3.28	86.68 -3.86 -0.79	75.47 -2.90 0.00	68.56 -3.16 0.00	63.32 -2.43 0.00	56.11 -2.34 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	46.49 -0.52 0.00	41.76 -0.55 0.00	37.60 -0.61 0.00	35.67 -0.62 0.00	35.89 -0.66 0.00	37.59 -0.69 0.00	43.59 -0.53 0.00	45.63 -0.41 0.00	49.65 -0.76 0.00	52.54 -0.64 0.00	57.75 -1.18 0.00	62.98 -1.42 0.00	64.42 -1.99 0.00	70.69 -1.96 0.00	78.92 -2.86 0.00	88.19 -3.73 1.42	90.15 -4.61 12.39	98.73 -4.13 3.14	100.49 -2.78 3.40	86.02 -2.78 0.95	77.03 -1.33 0.00	70.57 -1.15 0.00	64.51 -1.25 0.00	57.86 -0.58 0.00
LACHUTE____HYDRO 323717	51.84 4.84 0.00	46.46 4.15 0.00	41.76 3.55 0.00	39.56 3.27 0.00	40.10 3.54 0.00	42.15 3.86 0.00	48.00 3.88 0.00	50.28 4.23 0.00	55.24 4.84 0.00	57.85 4.68 0.00	63.93 5.01 0.00	69.61 5.21 0.00	70.93 4.52 0.00	77.95 5.30 0.00	88.89 7.11 0.00	122.92 9.05 -20.52	143.58 10.71 -25.72	256.19 12.19 -138.01	275.82 13.24 -154.92	275.07 11.31 -174.01	343.88 10.97 -254.55	229.97 9.90 -148.36	74.30 8.54 0.00	65.05 6.60 0.00
LAWRNCALV_115KV_TB1 80681	47.05 0.05 0.00	42.35 0.04 0.00	38.13 -0.08 0.00	36.18 -0.11 0.00	36.26 -0.29 0.00	37.97 -0.31 0.00	44.16 0.04 0.00	45.91 -0.14 0.00	49.90 -0.50 0.00	52.64 -0.53 0.00	58.04 -0.88 0.00	63.36 -1.03 0.00	64.89 -1.53 0.00	71.12 -1.53 0.00	79.24 -2.54 0.00	79.14 -4.29 9.91	71.75 -5.68 29.72	78.72 -5.41 21.88	78.91 -5.06 23.68	79.27 -3.86 6.62	76.72 -1.65 0.00	70.35 -1.36 0.00	64.70 -1.05 0.00	58.56 0.12 0.00
LEDERLE____ 23769	49.54 2.54 0.00	44.76 2.45 0.00	40.42 2.22 0.00	38.43 2.14 0.00	38.71 2.16 0.00	40.50 2.22 0.00	46.54 2.43 0.00	48.86 2.81 0.00	53.43 3.02 0.00	56.42 3.24 0.00	62.52 3.59 0.00	68.19 3.80 0.00	71.13 4.72 0.00	77.66 5.01 0.00	88.57 6.79 0.00	107.28 9.05 -4.88	123.98 10.71 -6.11	148.46 10.28 -32.17	140.09 9.90 -22.52	112.84 7.72 -15.37	105.26 4.94 -21.96	89.60 4.09 -13.79	69.44 3.68 0.00	61.07 2.63 0.00
LIGHTHSE_115KV_TB6 355974	47.38 0.38 0.00	42.60 0.30 0.00	38.32 0.11 0.00	36.33 0.04 0.00	36.62 0.07 0.00	38.43 0.15 0.00	44.25 0.13 0.00	46.14 0.09 0.00	50.46 0.05 0.00	53.17 0.00 0.00	58.93 0.00 0.00	64.46 0.06 0.00	66.48 0.07 0.00	72.87 0.22 0.00	82.11 0.33 0.00	94.33 0.28 -0.70	112.91 0.32 -5.44	107.98 0.42 -1.55	110.41 1.08 -1.68	91.65 1.44 -0.47	79.46 1.10 0.00	72.57 0.86 0.00	66.35 0.59 0.00	58.80 0.35 0.00
LINDEN COGEN____ 23786	49.62 2.63 0.01	44.85 2.54 0.00	40.42 2.22 0.01	38.42 2.14 0.01	38.70 2.16 0.01	40.50 2.22 0.00	46.67 2.56 0.01	49.03 2.99 0.01	52.34 3.23 1.29	52.26 3.51 4.42	52.56 3.71 10.08	53.21 3.60 14.79	53.21 4.58 17.78	60.46 4.51 16.69	67.40 6.54 20.92	90.25 9.15 12.25	107.87 10.61 9.89	124.44 10.18 -8.26	121.58 9.69 -4.23	105.05 7.45 -7.85	90.34 4.46 -7.51	68.47 3.58 6.83	55.92 3.29 13.12	53.21 2.45 7.69
LINDHRST_69_KV_BK1 356055	51.28 4.28 0.00	46.50 4.19 0.00	41.84 3.63 0.00	39.70 3.41 0.00	39.91 3.36 0.00	41.80 3.52 0.00	48.04 3.93 0.00	50.33 4.28 0.00	53.43 3.02 0.00	56.21 3.14 0.10	63.10 4.30 0.13	69.46 5.15 0.08	72.32 5.91 0.00	79.33 6.68 0.00	96.21 9.08 -5.35	111.69 12.13 -6.21	127.21 14.36 -5.70	162.75 13.99 -42.76	158.00 13.78 -36.57	128.43 10.86 -27.83	110.27 7.05 -24.85	91.43 5.38 -14.34	71.08 5.33 0.00	61.60 3.16 0.00
LIPA_MISC_IPP 23656	50.62 3.62 0.00	45.86 3.55 0.00	41.23 3.02 0.00	39.08 2.79 0.00	39.29 2.74 0.00	41.19 2.91 0.00	47.25 3.13 0.00	49.55 3.50 0.00	52.47 2.07 0.00	55.05 2.07 0.19	61.71 3.18 0.40	68.06 3.93 0.26	71.06 4.65 0.00	77.88 5.23 0.00	91.82 7.69 -2.35	109.91 10.83 -5.74	125.46 12.86 -5.45	217.90 12.61 -99.28	228.39 12.49 -108.25	201.01 9.96 -101.30	109.48 6.27 -24.85	90.50 4.45 -14.34	70.09 4.34 0.01	60.72 2.28 0.01
LISF____SOLAR 323691	49.87 2.87 0.00	45.95 3.64 -0.01	41.31 3.09 -0.01	39.16 2.87 0.00	39.33 2.78 0.00	41.15 2.87 0.00	47.25 3.13 0.00	49.27 3.22 0.00	52.47 2.07 0.01	55.15 2.18 0.20	61.51 3.00 0.42	68.18 4.06 0.27	71.20 4.78 0.00	77.95 5.30 0.00	92.10 7.93 -2.39	110.29 11.20 -5.75	125.79 13.18 -5.46	219.22 13.03 -100.18	229.96 12.91 -109.39	202.62 10.41 -102.47	109.87 6.66 -24.85	90.86 4.81 -14.34	70.35 4.60 0.01	60.66 2.22 0.01
LITTLE FALLS____HYD 24013	46.25 -0.75 0.00	41.67 -0.63 0.00	37.60 -0.61 0.00	35.71 -0.58 0.00	36.04 -0.51 0.00	37.78 -0.50 0.00	43.54 -0.57 0.00	45.45 -0.60 0.00	49.80 -0.60 0.00	52.48 -0.69 0.00	58.16 -0.77 0.00	63.62 -0.77 0.00	65.68 -0.73 0.00	71.92 -0.73 0.00	81.04 -0.74 0.00	92.69 -0.65 0.00	106.08 -1.07 0.00	104.84 -1.17 0.00	106.69 -0.97 0.00	88.94 -0.81 0.00	77.50 -0.86 0.00	70.85 -0.86 0.00	65.03 -0.72 0.00	57.74 -0.70 0.00

LITTLRIV_115KV_TB1 356100	47.61 0.61 0.00	42.90 0.59 0.00	38.59 0.38 0.00	36.62 0.33 0.00	36.70 0.15 0.00	38.47 0.19 0.00	44.73 0.62 0.00	46.46 0.41 0.00	50.41 0.00 0.00	53.07 -0.11 0.00	58.51 -0.41 0.00	63.88 -0.52 0.00	65.42 -1.00 0.00	71.78 -0.87 0.00	79.90 -1.88 0.00	79.89 -3.55 9.91	71.61 -4.71 30.83	79.89 -4.24 21.88	80.42 -3.55 23.68	80.70 -2.42 6.62	78.21 -0.16 0.00	71.64 -0.07 0.00	65.76 0.00 0.00	59.50 1.05 0.00
LI_NEWBRDGE___DRP 323616	50.25 3.24 0.00	45.52 3.22 0.00	41.07 2.87 0.00	38.98 2.69 0.00	39.22 2.67 0.00	41.08 2.79 0.00	47.20 3.09 0.00	49.46 3.41 0.00	52.67 2.27 0.00	55.50 2.34 0.02	62.17 3.24 0.00	68.13 3.73 0.00	71.00 4.58 0.00	77.73 5.09 0.00	89.63 7.28 -0.57	108.59 9.80 -5.44	123.75 11.47 -5.14	154.37 11.02 -37.34	148.13 10.77 -29.70	119.07 8.53 -20.79	108.39 5.17 -24.85	89.86 3.80 -14.34	69.76 4.01 0.01	60.60 2.16 0.01
LOCKPORT_115KV_TB60_63_64 80432	46.91 -0.09 0.00	41.80 -0.51 0.00	37.29 -0.92 0.00	35.60 -0.69 0.00	35.53 -1.02 0.00	37.17 -1.11 0.00	42.04 -2.07 0.00	43.01 -3.04 0.00	46.73 -3.68 0.00	49.98 -3.19 0.00	55.51 -3.42 0.00	61.05 -3.35 0.00	62.83 -3.59 0.00	68.58 -4.07 0.00	77.04 -4.74 0.00	85.88 -7.47 0.00	99.54 -7.61 0.00	101.69 -7.84 -3.53	103.74 -7.54 -3.62	85.15 -5.47 -0.87	74.29 -4.08 0.00	67.34 -4.37 0.00	62.40 -3.35 0.00	55.35 -3.10 0.00
LOCKPORT___CC1 323769	47.00 0.00 0.00	41.84 -0.46 0.00	37.37 -0.84 0.00	35.53 -0.76 0.00	35.60 -0.95 0.00	37.25 -1.03 0.00	42.13 -1.98 0.00	43.15 -2.90 0.00	46.88 -3.53 0.00	49.93 -3.25 0.00	55.45 -3.48 0.00	60.79 -3.60 0.00	62.56 -3.85 0.00	68.72 -3.92 0.00	76.71 -5.07 0.00	85.50 -7.84 0.00	99.00 -8.15 0.00	101.30 -8.27 -3.56	103.35 -7.97 -3.66	84.80 -5.83 -0.88	73.98 -4.39 0.00	66.91 -4.80 0.00	62.20 -3.55 0.00	55.82 -2.63 0.00
LOCKPORT___CC2 323770	47.00 0.00 0.00	41.84 -0.46 0.00	37.37 -0.84 0.00	35.53 -0.76 0.00	35.60 -0.95 0.00	37.25 -1.03 0.00	42.13 -1.98 0.00	43.15 -2.90 0.00	46.88 -3.53 0.00	49.93 -3.25 0.00	55.45 -3.48 0.00	60.79 -3.60 0.00	62.56 -3.85 0.00	68.72 -3.92 0.00	76.71 -5.07 0.00	85.50 -7.84 0.00	99.00 -8.15 0.00	101.30 -8.27 -3.56	103.35 -7.97 -3.66	84.80 -5.83 -0.88	73.98 -4.39 0.00	66.91 -4.80 0.00	62.20 -3.55 0.00	55.82 -2.63 0.00
LOCKPORT___CC3 323771	47.00 0.00 0.00	41.84 -0.46 0.00	37.37 -0.84 0.00	35.53 -0.76 0.00	35.60 -0.95 0.00	37.25 -1.03 0.00	42.13 -1.98 0.00	43.15 -2.90 0.00	46.88 -3.53 0.00	49.93 -3.25 0.00	55.45 -3.48 0.00	60.79 -3.60 0.00	62.56 -3.85 0.00	68.72 -3.92 0.00	76.71 -5.07 0.00	85.50 -7.84 0.00	99.00 -8.15 0.00	101.30 -8.27 -3.56	103.35 -7.97 -3.66	84.80 -5.83 -0.88	73.98 -4.39 0.00	66.91 -4.80 0.00	62.20 -3.55 0.00	55.82 -2.63 0.00
LOCUSVLY_69_KV_BK2 55797	50.62 3.62 0.00	45.90 3.60 0.00	41.38 3.17 0.00	39.27 2.98 0.00	39.51 2.96 0.00	41.34 3.06 0.00	47.56 3.44 0.00	49.87 3.82 0.00	53.43 3.02 0.00	56.41 3.24 0.01	63.11 4.18 0.00	69.03 4.64 0.00	71.99 5.58 0.00	78.82 6.18 0.00	98.98 8.51 -8.70	111.29 11.20 -6.75	126.56 13.18 -6.23	156.17 12.83 -37.34	149.85 12.49 -29.70	120.32 9.78 -20.79	109.41 6.19 -24.85	90.79 4.73 -14.34	70.30 4.54 -0.01	61.37 2.92 -0.01
LONG_LAKE_PHOENIX 24014	46.72 -0.28 0.00	41.93 -0.38 0.00	37.79 -0.42 0.00	35.89 -0.40 0.00	36.15 -0.40 0.00	37.90 -0.38 0.00	43.59 -0.53 0.00	45.50 -0.55 0.00	49.80 -0.60 0.00	52.59 -0.58 0.00	58.40 -0.53 0.00	63.88 -0.52 0.00	66.01 -0.40 0.00	72.21 -0.44 0.00	81.45 -0.33 0.00	93.11 -0.47 -0.23	108.40 -0.54 -1.78	105.99 -0.53 -0.52	107.89 -0.32 -0.56	89.73 -0.18 -0.16	77.97 -0.39 0.00	71.21 -0.50 0.00	65.23 -0.53 0.00	57.69 -0.76 0.00
LOVETT___3 23632	49.21 2.21 0.00	44.51 2.20 0.00	40.20 1.99 0.00	38.21 1.92 0.00	38.52 1.97 0.00	40.27 1.99 0.00	46.32 2.21 0.00	48.58 2.53 0.00	53.08 2.67 0.00	55.99 2.82 0.00	62.05 3.12 0.00	67.61 3.22 0.00	70.53 4.12 0.00	76.93 4.29 0.00	87.75 5.97 0.00	106.45 8.12 -4.98	122.93 9.54 -6.24	147.79 9.22 -32.56	145.01 8.83 -28.52	116.59 6.91 -19.93	106.59 4.23 -23.99	88.99 3.37 -13.91	68.91 3.16 0.00	60.67 2.22 0.00
LOVETT___4 23642	49.21 2.21 0.00	44.51 2.20 0.00	40.20 1.99 0.00	38.21 1.92 0.00	38.52 1.97 0.00	40.27 1.99 0.00	46.32 2.21 0.00	48.58 2.53 0.00	53.08 2.67 0.00	55.99 2.82 0.00	62.05 3.12 0.00	67.61 3.22 0.00	70.53 4.12 0.00	76.93 4.29 0.00	87.75 5.97 0.00	106.45 8.12 -4.98	122.93 9.54 -6.24	147.79 9.22 -32.56	145.01 8.83 -28.52	116.59 6.91 -19.93	106.59 4.23 -23.99	88.99 3.37 -13.91	68.91 3.16 0.00	60.67 2.22 0.00
LOVETT___5 23593	49.21 2.21 0.00	44.51 2.20 0.00	40.20 1.99 0.00	38.21 1.92 0.00	38.52 1.97 0.00	40.27 1.99 0.00	46.32 2.21 0.00	48.58 2.53 0.00	53.08 2.67 0.00	55.99 2.82 0.00	62.05 3.12 0.00	67.61 3.22 0.00	70.53 4.12 0.00	76.93 4.29 0.00	87.75 5.97 0.00	106.45 8.12 -4.98	122.93 9.54 -6.24	147.79 9.22 -32.56	145.01 8.83 -28.52	116.59 6.91 -19.93	106.59 4.23 -23.99	88.99 3.37 -13.91	68.91 3.16 0.00	60.67 2.22 0.00
LOWER RAQUET___HYD 24057	47.10 0.09 0.00	42.39 0.08 0.00	38.17 -0.04 0.00	36.22 -0.07 0.00	36.26 -0.29 0.00	37.97 -0.31 0.00	44.21 0.09 0.00	45.86 -0.18 0.00	49.75 -0.66 0.00	52.38 -0.80 0.00	57.87 -1.06 0.00	63.17 -1.23 0.00	64.76 -1.66 0.00	70.98 -1.67 0.00	79.08 -2.70 0.00	78.87 -4.57 9.91	69.18 -6.10 31.86	78.30 -5.83 21.87	78.60 -5.38 23.68	79.00 -4.13 6.62	76.57 -1.80 0.00	70.14 -1.58 0.00	64.57 -1.18 0.00	58.56 0.12 0.00
LOWER___HUDSON 24059	48.98 1.97 0.00	44.13 1.82 0.00	39.89 1.68 0.00	37.92 1.63 0.00	38.23 1.68 0.00	40.04 1.76 0.00	45.88 1.77 0.00	47.89 1.84 0.00	52.62 2.22 0.00	55.19 2.02 0.00	61.11 2.18 0.00	66.71 2.31 0.00	69.07 2.66 0.00	75.48 2.83 0.00	85.87 4.09 0.00	136.87 5.32 -38.21	161.46 6.43 -47.88	273.51 6.36 -161.14	299.37 6.35 -185.36	280.11 5.11 -185.25	308.05 3.76 -225.93	196.51 3.37 -121.42	68.85 3.09 0.00	60.67 2.22 0.00
LOWVILLE_115KV_TB2 356335	47.90 0.89 0.00	43.20 0.89 0.00	38.74 0.53 0.00	36.73 0.44 0.00	36.99 0.44 0.00	38.86 0.57 0.00	44.87 0.75 0.00	46.83 0.78 0.00	51.11 0.71 0.00	53.76 0.58 0.00	59.52 0.59 0.00	65.23 0.84 0.00	67.21 0.80 0.00	73.88 1.24 0.00	83.82 2.04 0.00	97.71 2.33 -2.03	125.86 3.00 -15.71	113.97 3.50 -4.47	117.24 4.74 -4.84	96.04 4.94 -1.35	82.83 4.47 0.00	75.73 4.02 0.00	68.91 3.16 0.00	61.07 2.63 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	49.68 2.68 0.00	44.68 2.37 0.00	40.35 2.14 0.00	38.36 2.07 0.00	38.67 2.12 0.00	40.54 2.26 0.00	46.37 2.25 0.00	48.44 2.39 0.00	53.13 2.72 0.00	55.73 2.55 0.00	61.70 2.77 0.00	67.36 2.96 0.00	69.47 3.05 0.00	76.06 3.41 0.00	86.52 4.74 0.00	122.25 5.97 -22.93	142.95 7.07 -28.73	254.54 7.31 -141.22	274.35 7.54 -159.15	271.61 6.19 -175.67	334.42 5.17 -250.88	221.20 4.66 -144.83	69.96 4.21 0.00	61.72 3.27 0.00

LUTHERNY_35_KV_BK2 355980	49.73 2.73 0.00	44.72 2.41 0.00	40.39 2.18 0.00	38.40 2.10 0.00	38.71 2.16 0.00	40.58 2.30 0.00	46.41 2.29 0.00	48.49 2.44 0.00	53.18 2.77 0.00	55.78 2.61 0.00	61.70 2.77 0.00	67.42 3.03 0.00	69.47 3.05 0.00	76.13 3.49 0.00	86.52 4.74 0.00	122.34 6.07 -22.93	142.95 7.07 -28.73	254.65 7.42 -141.22	274.45 7.64 -159.15	271.70 6.28 -175.67	334.49 5.25 -250.88	221.28 4.73 -144.83	70.03 4.27 0.00	61.78 3.33 0.00
LWR___OSWEGATCHIE_HYD 23850	47.57 0.56 0.00	42.82 0.51 0.00	38.48 0.27 0.00	36.47 0.18 0.00	36.62 0.07 0.00	38.43 0.15 0.00	44.51 0.40 0.00	46.37 0.32 0.00	50.46 0.05 0.00	53.12 -0.05 0.00	58.75 -0.18 0.00	64.33 -0.06 0.00	66.15 -0.27 0.00	72.65 0.00 0.00	81.62 -0.16 0.00	99.33 -1.03 -7.01	160.76 -1.50 -55.11	120.43 -1.06 -15.49	124.21 -0.22 -16.77	95.07 0.63 -4.69	79.78 1.41 0.00	73.00 1.29 0.00	66.81 1.05 0.00	59.79 1.34 0.00
LYONS_FALL_HYD 23570	48.04 1.03 0.00	43.28 0.97 0.00	38.90 0.69 0.00	36.87 0.58 0.00	37.17 0.62 0.00	39.05 0.77 0.00	45.00 0.88 0.00	47.02 0.97 0.00	51.36 0.96 0.00	54.08 0.90 0.00	59.93 1.00 0.00	65.68 1.29 0.00	67.74 1.33 0.00	74.46 1.82 0.00	84.23 2.45 0.00	97.58 2.90 -1.34	120.95 3.53 -10.27	112.77 3.81 -2.96	115.59 4.73 -3.20	95.22 4.57 -0.90	82.36 3.99 0.00	75.30 3.58 0.00	68.58 2.83 0.00	60.79 2.34 0.00
MADISON___COUNTY_LFGE 323628	48.55 1.55 0.00	43.70 1.40 0.00	39.32 1.11 0.00	37.27 0.98 0.00	37.61 1.06 0.00	39.47 1.19 0.00	45.44 1.32 0.00	47.43 1.38 0.00	51.87 1.46 0.00	54.72 1.54 0.00	60.69 1.77 0.00	66.58 2.19 0.00	68.80 2.39 0.00	75.55 2.91 0.00	85.21 3.43 0.00	97.76 4.01 -0.40	114.91 4.82 -2.94	111.67 4.77 -0.89	114.01 5.38 -0.97	94.78 4.76 -0.27	82.28 3.92 0.00	75.16 3.44 0.00	68.58 2.83 0.00	60.61 2.16 0.00
MALONE___115KV_TB1 356076	46.86 -0.14 0.00	42.14 -0.17 0.00	37.94 -0.27 0.00	36.00 -0.29 0.00	36.19 -0.37 0.00	37.90 -0.38 0.00	43.98 -0.13 0.00	46.00 -0.05 0.00	50.15 -0.25 0.00	53.07 -0.11 0.00	58.51 -0.41 0.00	63.81 -0.58 0.00	65.35 -1.06 0.00	71.70 -0.94 0.00	79.90 -1.88 0.00	86.52 -2.80 4.02	85.03 -3.75 18.37	93.73 -3.39 8.89	95.13 -2.91 9.62	85.08 -1.97 2.69	77.90 -0.47 0.00	71.36 -0.36 0.00	65.30 -0.46 0.00	58.68 0.23 0.00
MAPLEWOD_115KV_TB3 80458	48.55 1.55 0.00	43.75 1.44 0.00	39.55 1.34 0.00	37.60 1.31 0.00	37.90 1.35 0.00	39.66 1.38 0.00	45.48 1.37 0.00	47.52 1.47 0.00	52.17 1.76 0.00	54.77 1.60 0.00	60.69 1.77 0.00	66.33 1.93 0.00	68.54 2.13 0.00	74.97 2.32 0.00	85.30 3.52 0.00	139.35 4.57 -41.43	164.53 5.46 -51.92	267.20 5.41 -155.79	294.50 5.28 -181.57	265.86 4.13 -171.98	272.67 2.90 -191.40	172.30 2.58 -98.01	68.12 2.37 0.00	60.08 1.64 0.00
MAPLE_RIDGE_WT_1 323574	46.25 -0.75 0.00	41.55 -0.76 0.00	37.44 -0.76 0.00	35.56 -0.73 0.00	35.78 -0.77 0.00	37.48 -0.81 0.00	43.28 -0.84 0.00	45.26 -0.78 0.00	49.65 -0.75 0.00	52.43 -0.74 0.00	58.16 -0.77 0.00	63.49 -0.90 0.00	65.42 -0.99 0.00	71.63 -1.02 0.00	80.56 -1.22 0.00	92.04 -1.31 0.00	101.91 -1.40 3.85	104.74 -1.27 0.00	106.58 -1.08 0.00	88.94 -0.81 0.00	77.82 -0.54 0.00	71.22 -0.50 0.00	65.30 -0.46 0.00	58.15 -0.29 0.00
MAPLE_RIDGE_WT_2 323611	46.25 -0.75 0.00	41.55 -0.76 0.00	37.44 -0.76 0.00	35.56 -0.73 0.00	35.78 -0.77 0.00	37.48 -0.81 0.00	43.28 -0.84 0.00	45.26 -0.78 0.00	49.65 -0.75 0.00	52.43 -0.74 0.00	58.16 -0.77 0.00	63.49 -0.90 0.00	65.42 -0.99 0.00	71.63 -1.02 0.00	80.56 -1.22 0.00	92.04 -1.31 0.00	101.91 -1.40 3.85	104.74 -1.27 0.00	106.58 -1.08 0.00	88.94 -0.81 0.00	77.82 -0.54 0.00	71.22 -0.50 0.00	65.30 -0.46 0.00	58.15 -0.29 0.00
MARBLE_RIVER_WT_PWR 323696	46.06 -0.94 0.00	41.42 -0.89 0.00	37.37 -0.84 0.00	35.42 -0.87 0.00	35.64 -0.91 0.00	37.33 -0.96 0.00	43.28 -0.84 0.00	45.26 -0.78 0.00	49.40 -1.01 0.00	52.00 -1.17 0.00	57.57 -1.35 0.00	62.72 -1.67 0.00	64.22 -2.19 0.00	70.39 -2.25 0.00	78.59 -3.19 0.00	88.03 -4.11 1.21	90.43 -4.82 11.90	98.89 -4.45 2.66	100.47 -4.31 2.88	85.62 -3.32 0.81	76.48 -1.88 0.00	70.14 -1.58 0.00	64.18 -1.58 0.00	57.63 -0.82 0.00
MARSHVLE_115KV_TB1 80742	51.89 4.89 0.00	46.62 4.32 0.00	41.99 3.78 0.00	39.88 3.59 0.00	40.28 3.73 0.00	42.30 4.02 0.00	48.22 4.10 0.00	49.92 3.87 0.00	54.34 3.93 0.00	57.00 3.83 0.00	63.52 4.60 0.00	69.42 5.02 0.00	71.53 5.11 0.00	78.60 5.96 0.00	88.98 7.20 0.00	112.07 8.21 -10.51	129.96 9.64 -13.17	224.19 9.96 -108.22	238.02 10.98 -119.39	241.96 10.41 -141.80	312.40 9.72 -224.32	215.07 8.68 -134.68	73.38 7.63 0.00	64.52 6.08 0.00
MARSH_HILL_WT_PWR 323713	47.61 0.61 0.00	42.39 0.08 0.00	37.90 -0.31 0.00	36.00 -0.29 0.00	36.15 -0.40 0.00	38.05 -0.23 0.00	43.50 -0.62 0.00	44.99 -1.06 0.00	48.79 -1.61 0.00	51.74 -1.43 0.00	57.51 -1.41 0.00	63.17 -1.23 0.00	65.22 -1.19 0.00	71.92 -0.73 0.00	80.88 -0.90 0.00	91.20 -2.14 0.00	105.65 -1.50 0.00	109.50 -1.59 -5.09	112.56 -0.32 -5.22	94.59 0.90 -3.95	85.48 1.18 -5.93	76.16 0.72 -3.73	66.74 0.99 0.00	58.80 0.35 0.00
MCINTYRE_115KV_TB2 80467	47.80 0.80 0.00	43.07 0.76 0.00	38.74 0.53 0.00	36.76 0.47 0.00	36.92 0.37 0.00	38.70 0.42 0.00	44.96 0.84 0.00	46.65 0.60 0.00	50.66 0.25 0.00	53.33 0.16 0.00	58.75 -0.18 0.00	64.07 -0.32 0.00	65.68 -0.73 0.00	71.99 -0.65 0.00	80.14 -1.64 0.00	80.26 -3.17 9.91	74.03 -3.96 29.16	80.63 -3.50 21.88	81.39 -2.58 23.69	81.69 -1.44 6.62	79.15 0.78 0.00	72.50 0.79 0.00	66.41 0.66 0.00	59.96 1.52 0.00
MECO_____69_KV_BK1 80468	52.13 5.12 0.00	46.83 4.53 0.00	42.14 3.94 0.00	40.03 3.74 0.00	40.43 3.87 0.00	42.45 4.17 0.00	48.48 4.37 0.00	50.42 4.37 0.00	54.99 4.59 0.00	57.53 4.36 0.00	63.99 5.07 0.00	69.93 5.54 0.00	71.93 5.51 0.00	78.90 6.25 0.00	89.55 7.77 0.00	113.76 9.15 -11.27	132.09 10.82 -14.12	233.13 11.55 -115.57	247.59 12.27 -127.66	252.81 10.95 -152.11	329.14 10.03 -240.74	225.28 9.04 -144.53	73.78 8.02 0.00	64.87 6.43 0.00
MENANDS___115KV_TB5 355628	48.18 1.18 0.00	43.45 1.14 0.00	39.32 1.11 0.00	37.38 1.09 0.00	37.68 1.13 0.00	39.43 1.15 0.00	45.22 1.10 0.00	47.20 1.15 0.00	51.87 1.46 0.00	54.45 1.28 0.00	60.34 1.41 0.00	65.94 1.55 0.00	68.14 1.73 0.00	74.46 1.82 0.00	84.72 2.94 0.00	132.72 4.01 -35.36	156.18 4.71 -44.32	251.66 4.66 -140.99	277.33 4.41 -165.26	250.95 3.41 -157.79	261.05 2.19 -180.49	167.57 1.86 -94.00	67.53 1.78 0.00	59.61 1.17 0.00
MG INDUSTRY___DRP 24185	48.32 1.32 0.00	43.53 1.23 0.00	39.39 1.18 0.00	37.45 1.16 0.00	37.76 1.21 0.00	39.51 1.22 0.00	45.26 1.15 0.00	47.15 1.11 0.00	51.67 1.26 0.00	54.29 1.12 0.00	60.10 1.18 0.00	65.62 1.22 0.00	67.67 1.26 0.00	72.65 0.00 0.00	82.52 0.74 0.00	46.86 1.40 47.89	48.85 1.71 60.01	55.51 1.70 52.19	53.89 1.61 55.38	65.03 1.17 25.89	138.25 0.31 -59.57	130.41 0.29 -58.41	66.15 0.39 0.00	58.50 0.06 0.00

MID___OSWEGATCHIE_HYD 23849	47.57 0.56 0.00	42.82 0.51 0.00	38.48 0.27 0.00	36.47 0.18 0.00	36.62 0.07 0.00	38.43 0.15 0.00	44.51 0.40 0.00	46.37 0.32 0.00	50.46 0.05 0.00	53.12 -0.05 0.00	58.75 -0.18 0.00	64.33 -0.06 0.00	66.15 -0.27 0.00	72.65 0.00 0.00	81.62 -0.16 0.00	99.33 -1.03 -7.01	160.76 -1.50 -55.11	120.43 -1.06 -15.49	124.21 -0.22 -16.77	95.07 0.63 -4.69	79.78 1.41 0.00	73.00 1.29 0.00	66.81 1.05 0.00	59.79 1.34 0.00
MID___RAQUETTE_HYD 23851	47.10 0.09 0.00	42.39 0.08 0.00	38.17 -0.04 0.00	36.22 -0.07 0.00	36.26 -0.29 0.00	38.01 -0.27 0.00	44.21 0.09 0.00	45.86 -0.18 0.00	49.75 -0.66 0.00	52.48 -0.69 0.00	57.87 -1.06 0.00	63.17 -1.22 0.00	64.75 -1.66 0.00	70.98 -1.67 0.00	79.08 -2.70 0.00	78.86 -4.57 9.91	69.18 -6.11 31.86	78.30 -5.83 21.87	78.59 -5.38 23.68	79.00 -4.13 6.62	76.56 -1.80 0.00	70.14 -1.58 0.00	64.57 -1.18 0.00	58.56 0.12 0.00
MILLIKEN___1 23584	48.37 1.36 0.00	43.37 1.06 0.00	39.05 0.84 0.00	37.05 0.76 0.00	37.32 0.77 0.00	39.20 0.92 0.00	45.09 0.97 0.00	47.01 0.97 0.00	51.36 0.96 0.00	54.24 1.06 0.00	60.16 1.24 0.00	65.94 1.55 0.00	68.14 1.73 0.00	74.68 2.03 0.00	84.23 2.45 0.00	95.96 2.61 0.00	110.47 3.32 0.00	114.67 3.50 -5.16	117.05 4.09 -5.30	97.59 3.68 -4.16	87.60 2.90 -6.34	78.21 2.51 -3.99	67.93 2.17 0.00	59.85 1.40 0.00
MILLIKEN___2 23585	48.37 1.36 0.00	43.37 1.06 0.00	39.05 0.84 0.00	37.05 0.76 0.00	37.32 0.77 0.00	39.20 0.92 0.00	45.09 0.97 0.00	47.01 0.97 0.00	51.36 0.96 0.00	54.24 1.06 0.00	60.16 1.24 0.00	65.94 1.55 0.00	68.14 1.73 0.00	74.68 2.03 0.00	84.23 2.45 0.00	95.96 2.61 0.00	110.47 3.32 0.00	114.67 3.50 -5.16	117.05 4.09 -5.30	97.59 3.68 -4.16	87.60 2.90 -6.34	78.21 2.51 -3.99	67.93 2.17 0.00	59.85 1.40 0.00
MILLIKEN___DIESEL 23629	48.37 1.36 0.00	43.37 1.06 0.00	39.05 0.84 0.00	37.05 0.76 0.00	37.32 0.77 0.00	39.20 0.92 0.00	45.09 0.97 0.00	47.01 0.97 0.00	51.36 0.96 0.00	54.24 1.06 0.00	60.16 1.24 0.00	65.94 1.55 0.00	68.14 1.73 0.00	74.68 2.03 0.00	84.23 2.45 0.00	95.96 2.61 0.00	110.47 3.32 0.00	114.67 3.50 -5.16	117.05 4.09 -5.30	97.59 3.68 -4.16	87.60 2.90 -6.34	78.21 2.51 -3.99	67.93 2.17 0.00	59.85 1.40 0.00
MILLSEAT___LFGE 323607	48.32 1.31 0.00	42.98 0.67 0.00	38.40 0.19 0.00	36.44 0.15 0.00	36.59 0.04 0.00	38.28 0.00 0.00	43.37 -0.75 0.00	44.67 -1.38 0.00	48.49 -1.92 0.00	51.63 -1.54 0.00	57.46 -1.47 0.00	63.11 -1.29 0.00	65.02 -1.40 0.00	71.48 -1.17 0.00	79.90 -1.88 0.00	89.24 -4.11 0.00	103.40 -3.75 0.00	105.67 -3.71 -3.38	107.90 -3.23 -3.47	88.53 -2.06 -0.84	77.27 -1.10 0.00	69.92 -1.79 0.00	64.64 -1.12 0.00	57.63 -0.82 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	49.49 2.49 0.00	44.72 2.41 0.00	40.39 2.18 0.00	38.40 2.10 0.00	38.67 2.12 0.00	40.46 2.18 0.00	46.54 2.43 0.00	48.81 2.76 0.00	53.38 2.97 0.00	56.26 3.08 0.00	62.34 3.42 0.00	67.94 3.54 0.00	70.86 4.45 0.00	77.30 4.65 0.00	88.16 6.38 0.00	107.32 8.68 -5.29	123.96 10.18 -6.63	149.57 9.86 -33.71	146.62 9.47 -29.48	117.75 7.36 -20.64	107.68 4.62 -24.69	89.70 3.73 -14.26	69.17 3.42 0.00	60.90 2.45 0.00
MILLWOOD_13_KV_LOAD 356217	49.63 2.63 0.00	44.80 2.50 0.00	40.46 2.25 0.00	38.50 2.21 0.00	38.78 2.23 0.00	40.54 2.26 0.00	46.63 2.51 0.00	48.95 2.90 0.00	53.48 3.07 0.00	56.42 3.24 0.00	62.58 3.65 0.00	68.19 3.80 0.00	71.19 4.78 0.00	77.66 5.01 0.00	88.65 6.87 0.00	107.88 9.24 -5.29	124.60 10.82 -6.63	150.31 10.60 -33.71	147.26 10.12 -29.48	118.29 7.90 -20.64	108.07 5.02 -24.69	89.99 4.02 -14.26	69.44 3.68 0.00	61.07 2.63 0.00
MODEL_CITY_ENERGY 24167	46.62 -0.38 0.00	41.50 -0.81 0.00	37.10 -1.11 0.00	35.27 -1.02 0.00	35.31 -1.24 0.00	36.94 -1.34 0.00	41.78 -2.34 0.00	42.78 -3.27 0.00	46.42 -3.98 0.00	49.51 -3.67 0.00	55.03 -3.89 0.00	60.46 -3.93 0.00	62.23 -4.18 0.00	68.29 -4.36 0.00	76.22 -5.56 0.00	84.94 -8.40 0.00	98.57 -8.58 0.00	100.80 -8.80 -3.59	102.84 -8.51 -3.69	84.27 -6.37 -0.89	73.58 -4.78 0.00	66.48 -5.23 0.00	61.81 -3.94 0.00	55.35 -3.10 0.00
MODERN_LFGE___ 323580	46.62 -0.38 0.00	41.50 -0.81 0.00	37.10 -1.11 0.00	35.27 -1.02 0.00	35.31 -1.24 0.00	36.94 -1.34 0.00	41.78 -2.34 0.00	42.78 -3.27 0.00	46.42 -3.98 0.00	49.51 -3.67 0.00	55.03 -3.89 0.00	60.46 -3.93 0.00	62.23 -4.18 0.00	68.29 -4.36 0.00	76.22 -5.56 0.00	84.94 -8.40 0.00	98.57 -8.58 0.00	100.80 -8.80 -3.59	102.84 -8.51 -3.69	84.27 -6.37 -0.89	73.58 -4.78 0.00	66.48 -5.23 0.00	61.81 -3.94 0.00	55.35 -3.10 0.00
MOHAWK_PAPER___DRP 24187	48.55 1.55 0.00	43.75 1.44 0.00	39.55 1.34 0.00	37.60 1.31 0.00	37.90 1.35 0.00	39.66 1.38 0.00	45.48 1.37 0.00	47.52 1.47 0.00	52.17 1.76 0.00	54.77 1.60 0.00	60.69 1.77 0.00	66.33 1.93 0.00	68.54 2.13 0.00	74.97 2.32 0.00	85.30 3.52 0.00	139.35 4.57 -41.43	164.53 5.46 -51.92	267.20 5.41 -155.79	294.50 5.28 -181.57	265.86 4.13 -171.98	272.67 2.90 -191.40	172.30 2.58 -98.01	68.12 2.37 0.00	60.08 1.64 0.00
MOHICAN___35_KV_115KV_LD 80490	49.78 2.77 0.00	44.76 2.45 0.00	40.42 2.22 0.00	38.43 2.14 0.00	38.78 2.23 0.00	40.65 2.37 0.00	46.41 2.29 0.00	48.53 2.49 0.00	53.28 2.87 0.00	55.83 2.66 0.00	61.58 2.65 0.00	67.23 2.83 0.00	69.14 2.72 0.00	75.77 3.12 0.00	86.28 4.50 0.00	121.53 5.79 -22.40	142.07 6.86 -28.07	253.83 7.31 -140.51	273.73 7.86 -158.22	271.69 6.64 -175.30	335.93 5.88 -251.69	222.63 5.31 -145.61	70.42 4.67 0.00	62.01 3.57 0.00
MONGAUP___HYD 23641	49.30 2.30 0.00	44.46 2.16 0.00	40.16 1.95 0.00	38.21 1.92 0.00	38.52 1.97 0.00	40.27 1.99 0.00	46.32 2.20 0.00	48.44 2.39 0.00	52.92 2.52 0.00	55.73 2.55 0.00	61.58 2.65 0.00	67.16 2.77 0.00	69.60 3.19 0.00	75.99 3.34 0.00	86.60 4.82 0.00	103.30 5.69 -4.26	119.56 7.07 -5.34	142.80 7.10 -29.69	136.29 7.32 -21.31	110.02 5.75 -14.52	103.63 4.54 -20.72	88.53 3.80 -13.02	69.44 3.68 0.00	61.01 2.57 0.00
MONTAUK___DIESEL 23721	51.33 4.32 0.00	46.50 4.19 0.00	41.69 3.48 0.00	39.48 3.19 0.00	39.66 3.11 0.00	41.54 3.25 0.00	47.20 3.09 0.00	49.78 3.73 0.00	53.38 2.97 0.00	56.33 3.35 0.20	63.71 5.19 0.41	70.51 6.37 0.26	73.45 7.04 0.00	80.42 7.77 0.00	94.94 10.79 -2.36	113.74 14.66 -5.74	129.21 16.61 -5.45	222.09 16.43 -99.66	230.81 14.43 -108.72	204.28 12.74 -101.79	111.21 7.99 -24.85	91.86 5.81 -14.34	70.81 5.06 0.01	61.89 3.45 0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	46.77 -0.24 0.00	41.63 -0.68 0.00	37.06 -1.15 0.00	35.27 -1.02 0.00	35.45 -1.10 0.00	37.36 -0.92 0.00	42.57 -1.54 0.00	43.98 -2.07 0.00	48.19 -2.22 0.00	51.58 -1.60 0.00	57.45 -1.47 0.00	63.43 -0.97 0.00	65.28 -1.13 0.00	71.56 -1.09 0.00	80.39 -1.39 0.00	89.89 -3.45 0.00	104.58 -2.57 0.00	107.46 -2.76 -4.21	110.26 -1.72 -4.32	90.17 -0.63 -1.04	78.05 -0.31 0.00	70.92 -0.79 0.00	65.69 -0.07 0.00	57.57 -0.88 0.00

MORRIS_RIDGE___SOLAR 323848	47.24 0.24 0.00	42.14 -0.17 0.00	37.64 -0.57 0.00	35.75 -0.54 0.00	35.82 -0.73 0.00	37.63 -0.65 0.00	42.79 -1.32 0.00	44.02 -2.03 0.00	47.73 -2.67 0.00	50.62 -2.55 0.00	56.39 -2.53 0.00	62.01 -2.38 0.00	63.96 -2.46 0.00	70.54 -2.11 0.00	79.24 -2.54 0.00	89.15 -4.20 0.00	103.30 -3.85 0.00	106.77 -4.14 -4.91	109.57 -3.13 -5.04	92.02 -1.53 -3.79	83.28 -0.78 -5.69	74.14 -1.15 -3.58	65.23 -0.53 0.00	57.68 -0.76 0.00
MORTIMER_115KV_TB3 55949	47.85 0.85 0.00	42.73 0.42 0.00	38.29 0.08 0.00	36.36 0.07 0.00	36.51 -0.04 0.00	38.24 -0.04 0.00	43.59 -0.53 0.00	45.13 -0.92 0.00	49.15 -1.26 0.00	52.38 -0.80 0.00	58.34 -0.59 0.00	64.20 -0.19 0.00	66.21 -0.20 0.00	72.43 -0.22 0.00	81.62 -0.16 0.00	91.85 -1.49 0.00	105.97 -1.18 0.00	104.94 -1.06 0.00	106.80 -0.86 0.00	89.21 -0.54 0.00	78.29 -0.08 0.00	71.21 -0.50 0.00	65.36 -0.39 0.00	57.74 -0.70 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	49.92 2.91 0.00	45.10 2.79 0.00	40.69 2.48 0.00	38.65 2.36 0.00	38.96 2.41 0.00	40.73 2.45 0.00	46.94 2.82 0.00	49.32 3.27 0.00	53.88 3.48 0.00	56.84 3.67 0.00	62.93 4.01 0.00	68.39 3.99 0.00	71.39 4.98 0.00	77.66 5.01 0.00	88.73 6.95 0.00	108.31 9.61 -5.34	124.99 11.14 -6.70	150.78 10.81 -33.96	147.69 10.34 -29.70	118.53 7.99 -20.79	108.23 5.02 -24.85	90.07 4.02 -14.34	69.50 3.75 0.00	61.31 2.86 0.00
MUNSVILLE_WIND_PWR 323609	50.81 3.81 0.00	45.78 3.47 0.00	40.96 2.75 0.00	38.79 2.50 0.00	39.26 2.70 0.00	41.34 3.06 0.00	47.60 3.48 0.00	49.64 3.59 0.00	54.14 3.73 0.00	56.95 3.78 0.00	63.17 4.25 0.00	69.80 5.41 0.00	72.13 5.71 0.00	79.62 6.97 0.00	89.63 7.85 0.00	102.50 9.15 0.00	118.08 10.93 0.00	127.42 11.13 -10.29	130.92 12.70 -10.57	110.22 11.13 -9.34	102.84 9.48 -15.00	89.39 8.24 -9.43	72.59 6.84 0.00	64.06 5.61 0.00
N SALMON___HYD 24042	46.86 -0.14 0.00	42.10 -0.21 0.00	37.94 -0.27 0.00	36.00 -0.29 0.00	36.15 -0.40 0.00	37.90 -0.38 0.00	43.98 -0.13 0.00	46.00 -0.05 0.00	50.15 -0.25 0.00	52.91 -0.26 0.00	58.52 -0.41 0.00	63.81 -0.58 0.00	65.35 -1.07 0.00	71.70 -0.95 0.00	79.90 -1.88 0.00	86.52 -2.80 4.02	85.03 -3.75 18.37	93.72 -3.40 8.89	95.14 -2.90 9.62	85.08 -1.97 2.69	77.90 -0.47 0.00	71.36 -0.36 0.00	65.30 -0.46 0.00	58.68 0.23 0.00
N.AKRON__115KV_KNAPP 355671	48.22 1.22 0.00	42.94 0.63 0.00	38.32 0.11 0.00	36.47 0.18 0.00	36.48 -0.07 0.00	38.20 -0.08 0.00	43.28 -0.84 0.00	44.48 -1.57 0.00	48.34 -2.07 0.00	51.63 -1.54 0.00	57.39 -1.53 0.00	63.17 -1.22 0.00	65.08 -1.33 0.00	71.19 -1.45 0.00	79.98 -1.80 0.00	89.33 -4.01 0.00	103.51 -3.64 0.00	105.78 -3.60 -3.38	107.90 -3.23 -3.47	88.61 -1.97 -0.84	77.35 -1.02 0.00	70.14 -1.58 0.00	64.70 -1.05 0.00	57.16 -1.29 0.00
N.E_GEN_SANDY PD 24062	48.93 1.93 0.00	44.21 1.91 0.00	39.97 1.76 0.00	38.87 1.74 -0.84	38.31 1.75 0.00	40.08 1.80 0.00	45.97 1.85 0.00	48.07 2.02 0.00	52.78 2.37 0.00	55.35 2.18 0.00	61.29 2.36 0.00	66.90 2.51 0.00	69.54 3.12 0.00	75.92 3.27 0.00	86.52 4.74 0.00	117.22 6.35 -17.52	136.61 7.50 -21.96	187.11 7.31 -73.80	210.10 7.10 -95.34	175.82 5.66 -80.41	161.40 3.61 -79.43	113.18 3.08 -38.38	75.63 2.89 -6.98	59.77 1.99 0.66
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	49.35 2.35 0.00	44.59 2.28 0.00	40.27 2.06 0.00	38.29 2.00 0.00	38.60 2.05 0.00	40.35 2.07 0.00	46.41 2.29 0.00	48.67 2.62 0.00	53.23 2.82 0.00	56.15 2.98 0.00	62.23 3.30 0.00	67.81 3.41 0.00	70.73 4.32 0.00	77.22 4.58 0.00	88.08 6.30 0.00	106.86 8.59 -4.93	123.39 10.07 -6.17	148.11 9.75 -32.35	145.37 9.37 -28.34	116.81 7.27 -19.80	106.78 4.55 -23.87	89.22 3.66 -13.85	69.11 3.35 0.00	60.84 2.40 0.00
N.QUEENS_27_KV_LOAD 356247	50.10 3.10 0.00	45.35 3.05 0.00	40.85 2.64 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.73 2.45 0.00	46.94 2.82 0.00	49.36 3.32 0.00	53.68 3.28 0.00	56.79 3.62 0.00	62.46 3.54 0.00	67.74 3.35 0.01	70.86 4.45 0.01	77.36 4.72 0.01	88.31 6.54 0.01	108.12 9.43 -5.34	125.14 10.82 -7.17	150.78 10.81 -33.97	147.47 10.12 -29.69	118.34 7.81 -20.78	107.98 4.78 -24.84	89.84 3.80 -14.33	69.30 3.55 0.01	60.83 2.40 0.01
N.TROY___115KV_TB1 355778	48.98 1.97 0.00	44.13 1.82 0.00	39.89 1.68 0.00	37.96 1.67 0.00	38.23 1.68 0.00	40.04 1.76 0.00	45.88 1.76 0.00	47.94 1.89 0.00	52.62 2.22 0.00	55.19 2.02 0.00	61.11 2.18 0.00	66.71 2.32 0.00	69.07 2.66 0.00	75.55 2.91 0.00	85.95 4.17 0.00	136.87 5.32 -38.21	161.35 6.32 -47.88	273.51 6.36 -161.14	299.37 6.35 -185.36	280.11 5.12 -185.25	308.05 3.76 -225.93	196.43 3.30 -121.42	68.85 3.09 0.00	60.72 2.28 0.00
NARROWS_GT1_1 24228	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.67 3.27 0.01	56.83 3.67 0.01	62.75 3.83 0.00	68.18 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.77 10.93 -6.69	150.77 10.82 -33.95	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
NARROWS_GT1_2 24229	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.67 3.27 0.01	56.83 3.67 0.01	62.75 3.83 0.00	68.18 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.77 10.93 -6.69	150.77 10.82 -33.95	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
NARROWS_GT1_3 24230	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.67 3.27 0.01	56.83 3.67 0.01	62.75 3.83 0.00	68.18 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.77 10.93 -6.69	150.77 10.82 -33.95	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
NARROWS_GT1_4 24231	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.67 3.27 0.01	56.83 3.67 0.01	62.75 3.83 0.00	68.18 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.77 10.93 -6.69	150.77 10.82 -33.95	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
NARROWS_GT1_5 24232	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.67 3.27 0.01	56.83 3.67 0.01	62.75 3.83 0.00	68.18 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.77 10.93 -6.69	150.77 10.82 -33.95	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01

NARROWS_GT1_6 24233	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.67 3.27 0.01	56.83 3.67 0.01	62.75 3.83 0.00	68.18 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.77 10.93 -6.69	150.77 10.82 -33.95	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
NARROWS_GT1_7 24234	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.67 3.27 0.01	56.83 3.67 0.01	62.75 3.83 0.00	68.18 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.77 10.93 -6.69	150.77 10.82 -33.95	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
NARROWS_GT1_8 24235	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.67 3.27 0.01	56.83 3.67 0.01	62.75 3.83 0.00	68.18 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.77 10.93 -6.69	150.77 10.82 -33.95	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
NARROWS_GT2_1 24236	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.68 3.27 0.00	56.84 3.67 0.00	62.75 3.83 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.79 10.93 -6.70	150.79 10.82 -33.96	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
NARROWS_GT2_2 24237	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.68 3.27 0.00	56.84 3.67 0.00	62.75 3.83 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.79 10.93 -6.70	150.79 10.82 -33.96	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
NARROWS_GT2_3 24238	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.68 3.27 0.00	56.84 3.67 0.00	62.75 3.83 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.79 10.93 -6.70	150.79 10.82 -33.96	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
NARROWS_GT2_4 24239	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.68 3.27 0.00	56.84 3.67 0.00	62.75 3.83 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.79 10.93 -6.70	150.79 10.82 -33.96	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
NARROWS_GT2_5 24240	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.68 3.27 0.00	56.84 3.67 0.00	62.75 3.83 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.79 10.93 -6.70	150.79 10.82 -33.96	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
NARROWS_GT2_6 24241	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.68 3.27 0.00	56.84 3.67 0.00	62.75 3.83 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.79 10.93 -6.70	150.79 10.82 -33.96	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
NARROWS_GT2_7 24242	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.68 3.27 0.00	56.84 3.67 0.00	62.75 3.83 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.79 10.93 -6.70	150.79 10.82 -33.96	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
NARROWS_GT2_8 24243	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.68 3.27 0.00	56.84 3.67 0.00	62.75 3.83 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.72 6.95 0.01	108.49 9.80 -5.34	124.79 10.93 -6.70	150.79 10.82 -33.96	147.24 9.90 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	49.02 2.02 0.00	44.08 1.78 0.00	39.85 1.64 0.00	37.92 1.63 0.00	38.23 1.68 0.00	39.97 1.68 0.00	45.88 1.76 0.00	47.84 1.80 0.00	52.37 1.97 0.00	54.87 1.70 0.00	60.69 1.77 0.00	66.26 1.87 0.00	68.34 1.93 0.00	74.61 1.96 0.00	84.89 3.11 0.00	46.84 4.85 51.36	48.90 6.11 64.36	50.82 6.36 61.54	47.56 6.57 66.67	59.54 5.30 35.51	133.28 2.98 -51.93	129.75 2.58 -55.45	68.65 2.89 0.00	60.49 2.05 0.00
NCHELSEA_115KV_TR2 355582	49.68 2.68 0.00	44.80 2.50 0.00	40.50 2.29 0.00	38.54 2.25 0.00	38.82 2.27 0.00	40.58 2.30 0.00	46.68 2.56 0.00	48.95 2.90 0.00	53.63 3.23 0.00	56.58 3.40 0.00	62.70 3.77 0.00	68.32 3.93 0.00	71.26 4.85 0.00	77.88 5.23 0.00	88.89 7.11 0.00	106.75 9.24 -4.16	123.41 11.04 -5.22	148.61 10.71 -31.90	141.88 10.44 -23.78	114.31 8.08 -16.49	107.63 5.49 -23.78	91.17 4.52 -14.93	69.77 4.01 0.00	61.37 2.92 0.00
NEG CAPITAL____MECHNVIL 23645	49.77 2.77 0.00	44.80 2.50 0.00	40.42 2.22 0.00	38.43 2.14 0.00	38.74 2.19 0.00	40.62 2.34 0.00	46.50 2.38 0.00	48.58 2.53 0.00	53.33 2.92 0.00	55.94 2.76 0.00	61.99 3.06 0.00	67.68 3.28 0.00	69.80 3.39 0.00	76.42 3.78 0.00	86.93 5.16 0.00	127.07 6.53 -27.19	148.95 7.72 -34.08	260.89 7.95 -146.93	282.39 8.08 -166.65	275.00 6.64 -178.61	328.23 5.48 -244.38	215.24 4.94 -138.58	70.23 4.47 0.00	61.83 3.39 0.00
NEG CENTRAL_HIGH_ACRES 23767	47.19 0.19 0.00	42.14 -0.17 0.00	37.79 -0.42 0.00	35.86 -0.43 0.00	36.07 -0.48 0.00	37.78 -0.50 0.00	43.19 -0.93 0.00	44.90 -1.15 0.00	48.99 -1.41 0.00	52.05 -1.12 0.00	57.98 -0.95 0.00	63.69 -0.71 0.00	65.81 -0.60 0.00	72.21 -0.43 0.00	81.12 -0.66 0.00	91.57 -1.78 0.00	105.43 -1.72 0.00	104.42 -1.59 0.00	106.25 -1.40 0.00	88.68 -1.07 0.00	77.58 -0.78 0.00	70.56 -1.15 0.00	64.77 -0.98 0.00	57.33 -1.11 0.00

NEG CENTRAL___DRP 24199	47.90 0.89 0.00	42.86 0.55 0.00	38.51 0.31 0.00	36.54 0.25 0.00	36.81 0.26 0.00	38.63 0.34 0.00	44.38 0.26 0.00	46.28 0.23 0.00	50.56 0.15 0.00	53.49 0.32 0.00	59.40 0.47 0.00	65.17 0.77 0.00	67.34 0.93 0.00	73.81 1.16 0.00	83.25 1.47 0.00	94.28 0.93 0.00	108.33 1.18 0.00	110.46 1.48 -2.97	112.32 1.61 -3.05	92.28 1.79 -0.74	80.01 1.65 0.00	72.93 1.22 0.00	66.87 1.12 0.00	58.80 0.35 0.00
NEG CENTRAL___INDECK 23768	49.68 2.68 0.00	44.21 1.91 0.00	39.55 1.34 0.00	37.49 1.20 0.00	37.69 1.13 0.00	39.54 1.26 0.00	45.09 0.97 0.00	46.51 0.46 0.00	48.54 -1.86 0.00	51.37 -1.81 0.00	56.86 -2.06 0.00	62.40 -2.00 0.00	64.48 -1.93 0.00	70.98 -1.67 0.00	79.90 -1.88 0.00	90.27 -3.08 0.00	104.79 -2.36 0.00	108.35 -1.80 -4.15	111.60 -0.32 -4.26	91.58 0.81 -1.03	79.62 1.25 0.00	72.43 0.72 0.00	66.41 0.66 0.00	58.56 0.12 0.00
NEG CENTRAL___SENECA 23627	48.18 1.18 0.00	43.11 0.80 0.00	38.67 0.46 0.00	36.69 0.40 0.00	36.92 0.37 0.00	38.78 0.50 0.00	44.51 0.40 0.00	46.37 0.32 0.00	50.61 0.20 0.00	53.49 0.32 0.00	59.40 0.47 0.00	65.23 0.84 0.00	67.48 1.06 0.00	73.96 1.31 0.00	83.42 1.64 0.00	94.09 0.75 0.00	108.11 0.96 0.00	110.78 1.48 -3.29	112.65 1.61 -3.38	92.63 2.06 -0.82	80.40 2.04 0.00	73.22 1.51 0.00	67.14 1.38 0.00	58.97 0.53 0.00
NEG CENTRAL___STATE_STREET 24147	47.75 0.75 0.00	42.82 0.51 0.00	38.55 0.34 0.00	36.54 0.25 0.00	36.84 0.29 0.00	38.66 0.38 0.00	44.47 0.35 0.00	46.42 0.37 0.00	50.76 0.35 0.00	53.71 0.53 0.00	59.63 0.71 0.00	65.42 1.03 0.00	67.54 1.13 0.00	73.96 1.31 0.00	83.42 1.64 0.00	95.03 1.68 0.00	109.19 2.04 0.00	111.10 2.12 -2.98	113.08 2.37 -3.06	92.73 2.24 -0.74	80.09 1.72 0.00	73.15 1.43 0.00	66.94 1.18 0.00	58.97 0.53 0.00
NEG MILLWOOD___DRP 24198	49.92 2.91 0.00	44.97 2.67 0.00	40.65 2.45 0.00	38.69 2.40 0.00	38.96 2.41 0.00	40.73 2.45 0.00	46.85 2.74 0.00	49.18 3.13 0.00	53.83 3.43 0.00	56.79 3.62 0.00	63.40 4.48 0.00	68.84 4.44 0.00	71.93 5.51 0.00	78.60 5.96 0.00	89.63 7.85 0.00	108.57 10.36 -4.87	125.46 12.22 -6.10	151.39 11.98 -33.41	142.99 11.52 -23.81	115.05 8.89 -16.41	107.99 6.03 -23.59	91.48 4.95 -14.82	70.10 4.34 0.00	61.60 3.16 0.00
NEG NORTH_FLCN_SEA 23793	45.97 -1.03 0.00	41.33 -0.97 0.00	37.25 -0.96 0.00	35.35 -0.94 0.00	35.56 -0.99 0.00	37.21 -1.07 0.00	43.19 -0.93 0.00	45.17 -0.87 0.00	49.09 -1.31 0.00	51.95 -1.22 0.00	56.92 -2.00 0.00	62.08 -2.32 0.00	63.49 -2.92 0.00	69.67 -2.98 0.00	77.77 -4.01 0.00	87.00 -5.04 1.31	89.02 -6.00 12.13	97.50 -5.62 2.89	99.26 -5.28 3.12	84.66 -4.22 0.87	75.78 -2.59 0.00	69.42 -2.29 0.00	63.45 -2.30 0.00	56.98 -1.46 0.00
NEG NORTH_KES_CHATEGAY 23792	46.11 -0.89 0.00	41.50 -0.80 0.00	37.41 -0.80 0.00	35.49 -0.80 0.00	35.71 -0.84 0.00	37.36 -0.92 0.00	43.37 -0.75 0.00	45.31 -0.74 0.00	49.45 -0.96 0.00	52.27 -0.90 0.00	57.57 -1.36 0.00	62.72 -1.67 0.00	64.22 -2.19 0.00	70.40 -2.25 0.00	78.51 -3.27 0.00	87.20 -4.11 2.04	88.53 -4.82 13.80	97.16 -4.35 4.49	98.81 -3.98 4.87	85.34 -3.05 1.36	76.80 -1.57 0.00	70.42 -1.29 0.00	64.44 -1.32 0.00	57.86 -0.58 0.00
NEG NORTH___ALICE_FALLS 23915	46.49 -0.52 0.00	41.76 -0.55 0.00	37.60 -0.61 0.00	35.67 -0.62 0.00	35.89 -0.66 0.00	37.59 -0.69 0.00	43.59 -0.53 0.00	45.63 -0.41 0.00	49.65 -0.76 0.00	52.54 -0.64 0.00	57.75 -1.18 0.00	62.98 -1.42 0.00	64.42 -1.99 0.00	70.69 -1.96 0.00	78.92 -2.86 0.00	88.19 -3.73 1.42	90.15 -4.61 12.39	98.73 -4.13 3.14	100.49 -3.77 3.40	86.02 -2.78 0.95	77.03 -1.33 0.00	70.57 -1.15 0.00	64.51 -1.25 0.00	57.86 -0.58 0.00
NEG NORTH___LWR_SARANAC 23913	46.49 -0.52 0.00	41.76 -0.55 0.00	37.60 -0.61 0.00	35.67 -0.62 0.00	35.89 -0.66 0.00	37.59 -0.69 0.00	43.59 -0.53 0.00	45.63 -0.41 0.00	49.65 -0.76 0.00	52.54 -0.64 0.00	57.75 -1.18 0.00	62.98 -1.42 0.00	64.42 -1.99 0.00	70.69 -1.96 0.00	78.92 -2.86 0.00	88.19 -3.73 1.42	90.15 -4.61 12.39	98.73 -4.13 3.14	100.49 -3.77 3.40	86.02 -2.78 0.95	77.03 -1.33 0.00	70.57 -1.15 0.00	64.51 -1.25 0.00	57.86 -0.58 0.00
NEG NORTH___PLATTSBURG 23628	46.49 -0.52 0.00	41.76 -0.55 0.00	37.60 -0.61 0.00	35.67 -0.62 0.00	35.89 -0.66 0.00	37.59 -0.69 0.00	43.59 -0.53 0.00	45.59 -0.46 0.00	49.65 -0.75 0.00	52.16 -1.01 0.00	57.75 -1.18 0.00	62.98 -1.42 0.00	64.42 -1.99 0.00	70.69 -1.96 0.00	78.91 -2.86 0.00	88.19 -3.74 1.42	90.15 -4.60 12.39	98.73 -4.14 3.14	100.49 -3.77 3.40	86.02 -2.78 0.95	77.03 -1.33 0.00	70.56 -1.15 0.00	64.50 -1.25 0.00	57.86 -0.58 0.00
NEG WEST_LEA_LOCKPORT 23791	46.86 -0.14 0.00	41.76 -0.55 0.00	37.25 -0.96 0.00	35.53 -0.76 0.00	35.49 -1.06 0.00	37.13 -1.15 0.00	41.96 -2.16 0.00	42.92 -3.13 0.00	46.63 -3.78 0.00	49.93 -3.24 0.00	55.33 -3.59 0.00	60.85 -3.54 0.00	62.56 -3.85 0.00	68.36 -4.29 0.00	76.71 -5.07 0.00	85.50 -7.84 0.00	99.11 -8.04 0.00	101.30 -8.27 -3.56	103.35 -7.97 -3.66	84.80 -5.83 -0.88	73.98 -4.39 0.00	67.12 -4.59 0.00	62.20 -3.55 0.00	55.17 -3.27 0.00
NEG WEST___LANCASTR 23811	46.30 -0.71 0.00	41.29 -1.02 0.00	36.87 -1.34 0.00	35.09 -1.20 0.00	35.13 -1.43 0.00	36.86 -1.42 0.00	41.87 -2.25 0.00	43.05 -2.99 0.00	46.93 -3.48 0.00	50.09 -3.08 0.00	55.80 -3.12 0.00	61.56 -2.83 0.00	63.36 -3.05 0.00	69.52 -3.12 0.00	78.10 -3.68 0.00	87.37 -5.97 0.00	101.58 -5.57 0.00	104.40 -5.83 -4.22	106.50 -5.49 -4.34	86.94 -3.86 -1.05	75.39 -2.98 0.00	68.34 -3.37 0.00	63.39 -2.37 0.00	55.64 -2.81 0.00
NEG_PENN_ALLEGHNY 23528	47.89 0.89 0.00	42.98 0.67 0.00	38.70 0.50 0.00	36.76 0.47 0.00	37.02 0.47 0.00	38.82 0.54 0.00	44.56 0.44 0.00	46.46 0.41 0.00	50.81 0.40 0.00	53.92 0.74 0.00	59.87 0.94 0.00	65.61 1.22 0.00	67.87 1.46 0.00	74.39 1.74 0.00	83.99 2.21 0.00	95.58 2.24 0.00	109.50 2.35 0.00	116.65 2.23 -8.42	118.78 2.48 -8.65	98.66 2.24 -6.66	90.11 1.65 -10.10	79.36 1.29 -6.35	67.00 1.25 0.00	59.09 0.64 0.00
NEG___GEN_MONROE 24207	47.94 0.94 0.00	42.77 0.47 0.00	38.29 0.08 0.00	36.36 0.07 0.00	36.51 -0.04 0.00	38.24 -0.04 0.00	43.59 -0.53 0.00	45.08 -0.97 0.00	49.04 -1.36 0.00	52.22 -0.96 0.00	58.10 -0.82 0.00	63.94 -0.45 0.00	66.01 -0.40 0.00	72.21 -0.44 0.00	81.21 -0.57 0.00	91.29 -2.05 0.00	105.54 -1.61 0.00	104.41 -1.59 0.00	106.37 -1.29 0.00	89.12 -0.63 0.00	78.13 -0.24 0.00	71.14 -0.57 0.00	65.43 -0.33 0.00	57.80 -0.64 0.00
NEPA___ENERGY 23901	47.00 0.00 0.00	41.93 -0.38 0.00	37.44 -0.76 0.00	35.64 -0.65 0.00	35.71 -0.84 0.00	37.48 -0.80 0.00	42.62 -1.50 0.00	43.98 -2.07 0.00	47.94 -2.47 0.00	51.10 -2.07 0.00	56.86 -2.06 0.00	62.72 -1.67 0.00	64.62 -1.79 0.00	70.76 -1.89 0.00	79.57 -2.21 0.00	89.05 -4.29 0.00	103.51 -3.64 0.00	106.43 -3.82 -4.25	108.68 -3.34 -4.36	88.83 -1.97 -1.05	76.95 -1.41 0.00	69.85 -1.86 0.00	64.84 -0.92 0.00	56.75 -1.69 0.00

NEVERSINK___HYD 23608	49.02 2.02 0.00	44.25 1.95 0.00	39.93 1.72 0.00	38.00 1.71 0.00	38.27 1.72 0.00	40.04 1.76 0.00	46.06 1.94 0.00	48.26 2.21 0.00	52.82 2.42 0.00	55.78 2.60 0.00	61.70 2.77 0.00	67.36 2.96 0.00	70.26 3.85 0.00	76.79 4.14 0.00	87.50 5.72 0.00	101.00 7.66 0.00	116.37 9.22 0.00	136.92 9.01 -21.91	139.20 9.04 -22.50	113.22 7.00 -16.46	107.56 4.78 -24.41	91.06 4.01 -15.33	69.11 3.35 0.00	60.79 2.34 0.00
NEWKRMKL_115KV_TB1 55635	47.99 0.99 0.00	43.24 0.93 0.00	39.09 0.88 0.00	37.16 0.87 0.00	37.46 0.91 0.00	39.20 0.92 0.00	44.96 0.84 0.00	46.97 0.92 0.00	51.62 1.21 0.00	54.18 1.01 0.00	60.10 1.18 0.00	65.62 1.22 0.00	67.81 1.39 0.00	74.10 1.45 0.00	84.23 2.45 0.00	81.50 3.45 15.30	92.05 4.07 19.18	142.90 4.03 -32.87	154.11 3.77 -42.69	155.54 2.87 -62.92	216.49 1.72 -136.40	163.69 1.51 -90.47	67.20 1.45 0.00	59.32 0.88 0.00
NEWTON___FALLS_HYD 23847	47.57 0.56 0.00	42.82 0.51 0.00	38.48 0.27 0.00	36.47 0.18 0.00	36.62 0.07 0.00	38.43 0.15 0.00	44.51 0.40 0.00	46.37 0.32 0.00	50.46 0.05 0.00	53.12 -0.05 0.00	58.75 -0.18 0.00	64.33 -0.06 0.00	66.15 -0.27 0.00	72.65 0.00 0.00	81.62 -0.16 0.00	99.33 -1.03 -7.01	160.76 -1.50 -55.11	120.43 -1.06 -15.49	124.21 -0.22 -16.77	95.07 0.63 -4.69	79.78 1.41 0.00	73.00 1.29 0.00	66.81 1.05 0.00	59.79 1.34 0.00
NGRID_A1_DSASP 323792	46.77 -0.23 0.00	41.72 -0.59 0.00	37.29 -0.92 0.00	35.49 -0.80 0.00	35.53 -1.02 0.00	37.17 -1.11 0.00	41.73 -2.38 0.00	42.69 -3.36 0.00	46.32 -4.08 0.00	49.40 -3.77 0.00	54.98 -3.95 0.00	60.46 -3.93 0.00	62.16 -4.25 0.00	68.07 -4.57 0.00	76.05 -5.73 0.00	84.67 -8.68 0.00	98.26 -8.89 0.00	100.61 -9.01 -3.62	102.55 -8.83 -3.71	84.01 -6.64 -0.90	73.27 -5.09 0.00	66.26 -5.45 0.00	61.68 -4.08 0.00	55.29 -3.16 0.00
NGRID_A2_DSASP 323793	46.77 -0.23 0.00	41.72 -0.59 0.00	37.29 -0.92 0.00	35.49 -0.80 0.00	35.53 -1.02 0.00	37.17 -1.11 0.00	41.73 -2.38 0.00	42.69 -3.36 0.00	46.32 -4.08 0.00	49.40 -3.77 0.00	54.98 -3.95 0.00	60.46 -3.93 0.00	62.16 -4.25 0.00	68.07 -4.57 0.00	76.05 -5.73 0.00	84.67 -8.68 0.00	98.26 -8.89 0.00	100.61 -9.01 -3.62	102.55 -8.83 -3.71	84.01 -6.64 -0.90	73.27 -5.09 0.00	66.26 -5.45 0.00	61.68 -4.08 0.00	55.29 -3.16 0.00
NGRID_A4_DSASP 323807	46.77 -0.23 0.00	41.72 -0.59 0.00	37.29 -0.92 0.00	35.49 -0.80 0.00	35.53 -1.02 0.00	37.17 -1.11 0.00	41.73 -2.38 0.00	42.69 -3.36 0.00	46.32 -4.08 0.00	49.40 -3.77 0.00	54.98 -3.95 0.00	60.46 -3.93 0.00	62.16 -4.25 0.00	68.07 -4.57 0.00	76.05 -5.73 0.00	84.67 -8.68 0.00	98.26 -8.89 0.00	100.61 -9.01 -3.62	102.55 -8.83 -3.71	84.01 -6.64 -0.90	73.27 -5.09 0.00	66.26 -5.45 0.00	61.68 -4.08 0.00	55.29 -3.16 0.00
NIAGARA_115E_LBMP 323715	46.34 -0.66 0.00	41.29 -1.02 0.00	36.87 -1.34 0.00	35.09 -1.20 0.00	35.12 -1.43 0.00	36.75 -1.53 0.00	41.56 -2.56 0.00	42.50 -3.54 0.00	46.12 -4.28 0.00	49.18 -3.99 0.00	54.74 -4.18 0.00	60.14 -4.25 0.00	61.89 -4.52 0.00	67.93 -4.72 0.00	75.81 -5.97 0.00	84.48 -8.87 0.00	97.93 -9.22 0.00	100.20 -9.43 -3.63	102.23 -9.15 -3.72	83.82 -6.82 -0.90	73.12 -5.25 0.00	66.05 -5.67 0.00	61.41 -4.34 0.00	55.05 -3.39 0.00
NIAGARA_115W_LBMP 323714	46.68 -0.33 0.00	41.63 -0.68 0.00	37.22 -0.99 0.00	35.42 -0.87 0.00	35.46 -1.10 0.00	37.09 -1.19 0.00	41.65 -2.47 0.00	42.59 -3.45 0.00	46.22 -4.18 0.00	49.29 -3.88 0.00	54.86 -4.07 0.00	60.34 -4.05 0.00	62.03 -4.39 0.00	67.93 -4.72 0.00	75.89 -5.89 0.00	84.57 -8.78 0.00	98.04 -9.11 0.00	100.39 -9.22 -3.61	102.32 -9.04 -3.71	83.82 -6.82 -0.90	73.12 -5.25 0.00	66.12 -5.59 0.00	61.55 -4.21 0.00	55.17 -3.27 0.00
NIAGARA_230_LBMP 323716	46.77 -0.23 0.00	41.67 -0.63 0.00	37.26 -0.95 0.00	35.46 -0.83 0.00	35.49 -1.06 0.00	37.13 -1.15 0.00	41.96 -2.16 0.00	42.96 -3.08 0.00	46.62 -3.78 0.00	49.72 -3.46 0.00	55.33 -3.60 0.00	60.85 -3.54 0.00	62.56 -3.85 0.00	68.65 -4.00 0.00	76.71 -5.07 0.00	85.50 -7.84 0.00	99.11 -8.04 0.00	101.61 -7.95 -3.56	103.56 -7.75 -3.65	84.80 -5.83 -0.88	73.90 -4.46 0.00	66.77 -4.95 0.00	62.14 -3.62 0.00	55.58 -2.86 0.00
NIAGARA___115KV_198_GIBSON 55903	46.53 -0.47 0.00	41.55 -0.76 0.00	37.10 -1.11 0.00	35.09 -1.20 0.00	35.34 -1.21 0.00	36.98 -1.30 0.00	41.51 -2.60 0.00	42.36 -3.68 0.00	46.02 -4.39 0.00	49.24 -3.93 0.00	54.74 -4.18 0.00	60.34 -4.06 0.00	62.03 -4.38 0.00	67.56 -5.09 0.00	75.89 -5.89 0.00	84.57 -8.77 0.00	98.04 -9.11 0.00	100.39 -9.22 -3.61	102.32 -9.04 -3.71	83.82 -6.82 -0.90	73.11 -5.25 0.00	66.26 -5.45 0.00	61.55 -4.21 0.00	54.70 -3.74 0.00
NIAGARA____ 23760	46.77 -0.23 0.00	41.67 -0.63 0.00	37.26 -0.95 0.00	35.46 -0.83 0.00	35.49 -1.06 0.00	37.13 -1.15 0.00	41.96 -2.16 0.00	42.96 -3.08 0.00	46.62 -3.78 0.00	49.72 -3.46 0.00	55.33 -3.60 0.00	60.85 -3.54 0.00	62.56 -3.85 0.00	68.65 -4.00 0.00	76.71 -5.07 0.00	85.50 -7.84 0.00	99.11 -8.04 0.00	101.64 -7.95 -3.59	103.59 -7.75 -3.68	84.80 -5.83 -0.89	73.90 -4.46 0.00	66.77 -4.95 0.00	62.14 -3.62 0.00	55.58 -2.86 0.00
NINE_MILE_1 23575	46.01 -0.99 0.00	41.34 -0.97 0.00	37.26 -0.95 0.00	35.38 -0.91 0.00	35.64 -0.91 0.00	37.33 -0.96 0.00	42.93 -1.19 0.00	44.81 -1.24 0.00	48.99 -1.41 0.00	51.79 -1.38 0.00	57.46 -1.47 0.00	62.85 -1.55 0.00	64.89 -1.52 0.00	71.05 -1.60 0.00	80.06 -1.72 0.00	91.29 -2.05 0.00	104.69 -2.46 0.00	103.57 -2.43 0.00	105.29 -2.37 0.00	87.95 -1.79 0.00	76.64 -1.72 0.00	69.99 -1.72 0.00	64.18 -1.58 0.00	56.87 -1.58 0.00
NINE_MILE_2 23744	46.01 -0.99 0.00	41.34 -0.97 0.00	37.26 -0.95 0.00	35.38 -0.91 0.00	35.64 -0.91 0.00	37.36 -0.92 0.00	42.93 -1.19 0.00	44.81 -1.24 0.00	48.99 -1.41 0.00	51.79 -1.38 0.00	57.46 -1.47 0.00	62.85 -1.55 0.00	64.89 -1.52 0.00	71.05 -1.60 0.00	80.06 -1.72 0.00	91.29 -2.05 0.00	104.69 -2.46 0.00	103.57 -2.43 0.00	105.29 -2.37 0.00	87.95 -1.79 0.00	76.64 -1.72 0.00	69.99 -1.72 0.00	64.18 -1.58 0.00	56.87 -1.58 0.00
NM_CAPITAL___DRP 24208	48.08 1.08 0.00	43.32 1.02 0.00	39.20 0.99 0.00	37.27 0.98 0.00	37.57 1.02 0.00	39.31 1.03 0.00	45.09 0.97 0.00	47.11 1.06 0.00	51.72 1.31 0.00	54.29 1.12 0.00	60.22 1.30 0.00	65.75 1.35 0.00	68.01 1.59 0.00	74.32 1.67 0.00	84.48 2.70 0.00	122.69 3.73 -25.61	143.64 4.39 -32.09	228.21 4.35 -117.86	251.37 4.09 -139.63	228.88 3.14 -135.99	245.24 1.88 -165.00	162.21 1.65 -88.85	67.33 1.58 0.00	59.44 0.99 0.00
NM_CENTRAL___DRP 24181	47.10 0.09 0.00	42.27 -0.04 0.00	38.09 -0.11 0.00	36.15 -0.15 0.00	36.40 -0.15 0.00	38.20 -0.08 0.00	43.94 -0.18 0.00	45.86 -0.18 0.00	50.20 -0.20 0.00	53.12 -0.05 0.00	59.04 0.12 0.00	64.65 0.26 0.00	66.81 0.40 0.00	73.08 0.44 0.00	82.52 0.74 0.00	94.00 0.65 0.00	109.27 0.75 -1.37	106.64 0.64 0.00	108.41 0.75 0.00	90.47 0.72 0.00	78.76 0.39 0.00	71.93 0.22 0.00	65.89 0.13 0.00	58.21 -0.23 0.00

NM_FRONTIER___DRP 24179	46.53 -0.47 0.00	41.55 -0.76 0.00	37.10 -1.11 0.00	35.09 -1.20 0.00	35.34 -1.21 0.00	36.98 -1.30 0.00	41.51 -2.60 0.00	42.36 -3.68 0.00	46.02 -4.39 0.00	49.24 -3.93 0.00	54.74 -4.18 0.00	60.34 -4.06 0.00	62.03 -4.38 0.00	67.56 -5.09 0.00	75.89 -5.89 0.00	84.57 -8.77 0.00	98.04 -9.11 0.00	100.39 -9.22 -3.61	102.32 -9.04 -3.71	83.82 -6.82 -0.90	73.11 -5.25 0.00	66.26 -5.45 0.00	61.55 -4.21 0.00	54.70 -3.74 0.00
NM_ST_REGIS___HYD 24053	47.05 0.05 0.00	42.35 0.04 0.00	38.13 -0.08 0.00	36.18 -0.11 0.00	36.22 -0.33 0.00	37.97 -0.31 0.00	44.16 0.04 0.00	45.91 -0.14 0.00	49.85 -0.55 0.00	52.64 -0.53 0.00	58.04 -0.88 0.00	63.36 -1.03 0.00	64.89 -1.53 0.00	71.12 -1.53 0.00	79.33 -2.45 0.00	80.45 -4.20 8.70	72.60 -5.46 29.08	81.61 -5.19 19.20	82.13 -4.74 20.79	80.35 -3.59 5.81	76.95 -1.41 0.00	70.49 -1.22 0.00	64.77 -0.99 0.00	58.62 0.18 0.00
NORTHPORT___1 23551	49.49 2.49 0.00	45.91 3.59 -0.01	41.35 3.13 -0.01	39.19 2.90 0.00	39.44 2.89 0.00	41.23 2.95 0.00	47.30 3.18 0.00	49.13 3.09 0.00	51.81 1.41 0.00	52.13 1.44 2.48	54.38 2.00 6.55	63.17 3.03 4.25	70.06 3.65 0.00	76.71 4.07 0.00	90.17 6.38 -2.00	108.26 9.24 -5.67	123.34 10.71 -5.48	148.11 10.28 -31.83	140.27 9.90 -22.71	111.10 7.72 -13.63	107.76 4.54 -24.85	89.14 3.08 -14.34	69.04 3.29 0.01	59.49 1.05 0.01
NORTHPORT___2 23552	49.49 2.49 0.00	45.91 3.59 -0.01	41.35 3.13 -0.01	39.19 2.90 0.00	39.44 2.89 0.00	41.23 2.95 0.00	47.30 3.18 0.00	49.13 3.09 0.00	51.81 1.41 0.00	52.13 1.44 2.48	54.38 2.00 6.55	63.17 3.03 4.25	70.06 3.65 0.00	76.71 4.07 0.00	90.17 6.38 -2.00	108.26 9.24 -5.67	123.34 10.71 -5.48	148.11 10.28 -31.83	140.27 9.90 -22.71	111.10 7.72 -13.63	107.76 4.54 -24.85	89.14 3.08 -14.34	69.04 3.29 0.01	59.49 1.05 0.01
NORTHPORT___3 23553	48.69 1.69 0.00	45.36 3.05 -0.01	40.89 2.67 -0.01	38.79 2.50 0.00	39.00 2.45 0.00	40.81 2.53 0.00	46.90 2.78 0.00	48.62 2.58 0.00	51.60 1.21 0.01	52.02 1.33 2.49	54.21 1.83 6.54	62.72 2.58 4.25	69.79 3.39 0.01	76.34 3.70 0.01	89.68 5.97 -1.93	107.41 8.40 -5.66	122.74 10.18 -5.41	147.90 10.08 -31.82	140.26 9.90 -22.71	110.99 7.62 -13.62	107.05 3.84 -24.84	88.62 2.58 -14.33	68.50 2.76 0.01	59.25 0.82 0.01
NORTHPORT___4 23650	48.69 1.69 0.00	45.36 3.05 -0.01	40.89 2.67 -0.01	38.79 2.50 0.00	39.00 2.45 0.00	40.81 2.53 0.00	46.90 2.78 0.00	48.62 2.58 0.00	51.60 1.21 0.01	52.02 1.33 2.49	54.21 1.83 6.54	62.72 2.58 4.25	69.79 3.39 0.01	76.34 3.70 0.01	89.68 5.97 -1.93	107.41 8.40 -5.66	122.74 10.18 -5.41	147.90 10.08 -31.82	140.26 9.90 -22.71	110.99 7.62 -13.62	107.05 3.84 -24.84	88.62 2.58 -14.33	68.50 2.76 0.01	59.25 0.82 0.01
NORTHPORT___IC 23718	50.39 3.38 0.00	45.90 3.60 0.00	41.34 3.13 0.00	39.23 2.94 0.00	39.44 2.89 0.00	41.34 3.06 0.00	47.43 3.31 0.00	49.55 3.50 0.00	52.02 1.61 0.00	52.13 1.44 2.48	54.73 2.36 6.55	63.17 3.03 4.25	70.07 3.65 0.00	76.79 4.14 0.00	90.16 6.38 -2.00	108.17 9.15 -5.67	123.44 10.82 -5.47	148.01 10.18 -31.83	140.27 9.90 -22.71	111.09 7.72 -13.62	107.76 4.55 -24.85	89.14 3.08 -14.34	68.97 3.22 0.01	59.78 1.34 0.01
NORTH___COUNTRY_ESR 323785	46.01 -0.99 0.00	41.38 -0.93 0.00	37.33 -0.88 0.00	35.42 -0.87 0.00	35.60 -0.95 0.00	37.29 -1.00 0.00	43.28 -0.84 0.00	45.22 -0.83 0.00	49.40 -1.01 0.00	52.05 -1.12 0.00	57.63 -1.30 0.00	62.79 -1.61 0.00	64.22 -2.19 0.00	70.47 -2.18 0.00	78.59 -3.19 0.00	87.19 -4.11 2.05	88.49 -4.82 13.84	97.03 -4.45 4.53	98.55 -4.20 4.90	85.06 -3.32 1.37	76.57 -1.80 0.00	70.20 -1.51 0.00	64.25 -1.51 0.00	57.68 -0.76 0.00
NPX_GEN_1385_PROXY 323591	49.63 2.63 0.00	46.29 3.98 -0.01	41.69 3.48 -0.01	39.52 3.23 0.00	39.73 3.18 0.00	41.42 3.14 0.00	47.30 3.18 0.00	49.00 2.95 0.00	52.12 1.71 0.00	51.92 1.22 2.48	54.38 2.00 6.55	63.04 2.90 4.25	70.06 3.65 0.00	77.01 4.36 0.00	91.06 7.28 -2.00	109.94 10.92 -5.67	142.25 12.74 -22.36	190.44 12.19 -72.25	195.14 11.84 -75.64	184.21 9.33 -85.13	142.89 6.03 -58.49	100.55 4.45 -24.39	70.49 4.08 -0.65	59.01 1.23 0.66
NPX_GEN_CSC 323557	49.54 2.54 0.00	45.66 3.34 -0.01	41.00 2.79 -0.01	38.87 2.58 0.00	39.07 2.52 0.00	40.89 2.60 0.00	46.90 2.78 0.00	48.95 2.90 0.00	52.16 1.76 0.01	54.89 1.91 0.19	61.24 2.71 0.40	67.93 3.80 0.26	70.79 4.38 0.00	77.52 4.87 0.00	91.58 7.44 -2.36	109.82 10.73 -5.74	125.24 12.64 -5.45	218.23 12.71 -99.51	228.79 12.59 -108.55	201.58 10.23 -101.61	109.64 6.43 -24.85	90.57 4.52 -14.34	70.81 4.41 -0.65	59.77 1.99 0.66
NSINS_S_GLNS_FALLS 23858	49.78 2.77 0.00	44.76 2.45 0.00	40.42 2.22 0.00	38.40 2.10 0.00	38.74 2.19 0.00	40.62 2.34 0.00	46.41 2.29 0.00	48.53 2.49 0.00	53.28 2.87 0.00	55.83 2.66 0.00	61.58 2.65 0.00	67.23 2.83 0.00	69.07 2.66 0.00	75.70 3.05 0.00	86.20 4.42 0.00	120.72 5.69 -21.68	141.07 6.75 -27.17	252.77 7.21 -139.55	272.48 7.86 -156.96	271.20 6.64 -174.81	337.10 5.96 -252.78	223.68 5.31 -146.66	70.49 4.73 0.00	62.01 3.57 0.00
NUCOR_STEEL___DRP 24197	47.85 0.85 0.00	42.90 0.59 0.00	38.63 0.42 0.00	36.62 0.33 0.00	36.92 0.37 0.00	38.74 0.46 0.00	44.51 0.40 0.00	46.46 0.41 0.00	50.81 0.40 0.00	53.71 0.53 0.00	59.63 0.71 0.00	65.42 1.03 0.00	67.54 1.13 0.00	73.96 1.31 0.00	83.33 1.55 0.00	94.93 1.59 0.00	108.97 1.82 0.00	107.91 1.91 0.00	109.92 2.26 0.00	91.81 2.06 0.00	79.93 1.57 0.00	73.00 1.29 0.00	66.94 1.18 0.00	59.03 0.58 0.00
NUMBER_THREE_WT_PWR 323818	47.85 0.85 0.00	43.11 0.80 0.00	38.70 0.50 0.00	36.69 0.40 0.00	36.95 0.40 0.00	38.82 0.54 0.00	44.78 0.66 0.00	46.78 0.73 0.00	51.06 0.65 0.00	53.71 0.53 0.00	59.46 0.53 0.00	65.17 0.78 0.00	67.14 0.73 0.00	73.81 1.16 0.00	83.74 1.96 0.00	97.59 2.15 -2.10	126.32 2.89 -16.27	114.02 3.39 -4.63	117.19 4.52 -5.01	95.99 4.84 -1.40	82.75 4.39 0.00	75.66 3.94 0.00	68.85 3.09 0.00	61.08 2.63 0.00
NYISO_LBMP_REFERENCE 24008	47.00 0.00 0.00	42.31 0.00 0.00	38.21 0.00 0.00	36.29 0.00 0.00	36.55 0.00 0.00	38.28 0.00 0.00	44.12 0.00 0.00	46.05 0.00 0.00	50.41 0.00 0.00	53.17 0.00 0.00	58.93 0.00 0.00	64.39 0.00 0.00	66.41 0.00 0.00	72.65 0.00 0.00	81.78 0.00 0.00	93.35 0.00 0.00	107.15 0.00 0.00	106.00 0.00 0.00	107.66 0.00 0.00	89.75 0.00 0.00	78.37 0.00 0.00	71.71 0.00 0.00	65.76 0.00 0.00	58.44 0.00 0.00
NYPA_BRENTWD____GT 24164	50.29 3.29 0.00	46.46 4.15 -0.01	41.81 3.59 -0.01	39.63 3.34 0.00	39.84 3.29 0.00	41.69 3.41 0.00	47.86 3.75 0.00	49.87 3.82 0.00	52.92 2.52 0.01	55.59 2.66 0.24	62.47 3.54 -0.01	69.05 4.64 -0.02	71.66 5.25 0.00	78.46 5.81 0.00	92.42 7.85 -2.79	110.06 10.92 -5.80	125.50 12.85 -5.50	168.74 12.40 -50.34	166.01 12.16 -46.19	136.95 9.51 -37.69	109.17 5.95 -24.85	90.36 4.30 -14.34	70.69 4.93 0.00	60.89 2.45 0.00

NYPA_GOWANUS____GT5 24156	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.67 3.27 0.01	56.83 3.67 0.01	62.75 3.83 0.00	68.18 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.64 6.87 0.01	108.49 9.80 -5.34	124.77 10.93 -6.69	150.77 10.82 -33.95	147.24 9.90 -29.69	118.43 7.90 -20.78	108.14 4.94 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
NYPA_GOWANUS____GT6 24157	50.15 3.15 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.76 2.47 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.46 3.41 0.00	53.67 3.27 0.01	56.83 3.67 0.01	62.75 3.83 0.00	68.18 3.80 0.01	71.25 4.85 0.01	77.51 4.87 0.01	88.64 6.87 0.01	108.49 9.80 -5.34	124.77 10.93 -6.69	150.77 10.82 -33.95	147.24 9.90 -29.69	118.43 7.90 -20.78	108.14 4.94 -24.84	90.20 4.16 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
NYPA_HARLEM__RVR__GT1 24160	50.01 3.01 0.00	45.22 2.92 0.00	40.77 2.56 0.00	38.68 2.39 0.00	38.96 2.41 0.00	40.66 2.37 0.00	46.81 2.69 0.00	49.22 3.17 0.00	53.48 3.08 0.00	56.68 3.51 0.00	62.27 3.36 0.01	67.60 3.22 0.01	70.66 4.25 0.01	77.07 4.43 0.01	88.07 6.30 0.01	107.84 9.15 -5.34	124.24 10.39 -6.70	150.47 10.50 -33.97	147.04 9.69 -29.69	118.07 7.54 -20.78	107.75 4.54 -24.84	89.70 3.66 -14.33	69.10 3.35 0.01	60.60 2.16 0.01
NYPA_HARLEM__RVR__GT2 24161	50.01 3.01 0.00	45.22 2.92 0.00	40.77 2.56 0.00	38.68 2.39 0.00	38.96 2.41 0.00	40.66 2.37 0.00	46.81 2.69 0.00	49.22 3.17 0.00	53.48 3.08 0.00	56.68 3.51 0.00	62.27 3.36 0.01	67.60 3.22 0.01	70.66 4.25 0.01	77.07 4.43 0.01	88.07 6.30 0.01	107.84 9.15 -5.34	124.24 10.39 -6.70	150.47 10.50 -33.97	147.04 9.69 -29.69	118.07 7.54 -20.78	107.75 4.54 -24.84	89.70 3.66 -14.33	69.10 3.35 0.01	60.60 2.16 0.01
NYPA_KENT____GT 24152	50.06 3.05 0.00	45.31 3.00 0.00	40.81 2.60 0.00	38.72 2.43 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.41 3.36 0.00	53.73 3.33 0.00	56.90 3.72 0.00	62.75 3.83 0.00	68.19 3.80 0.01	71.19 4.78 0.01	77.36 4.72 0.01	88.56 6.78 0.01	108.31 9.62 -5.34	124.67 10.82 -6.70	150.67 10.70 -33.96	147.24 9.90 -29.69	118.33 7.80 -20.78	107.98 4.78 -24.84	89.99 3.94 -14.33	69.23 3.48 0.01	61.01 2.57 0.01
NYPA_POUCH1____GT 24155	50.10 3.10 0.00	45.39 3.09 0.00	40.84 2.63 0.00	38.72 2.43 0.00	39.04 2.49 0.00	40.77 2.49 0.00	46.90 2.78 0.00	49.41 3.36 0.00	52.14 3.02 1.29	52.11 3.35 4.42	52.39 3.54 10.07	53.09 3.47 14.78	53.16 4.52 17.77	60.47 4.51 16.69	67.41 6.54 20.92	90.44 9.33 12.24	107.66 10.39 9.88	150.23 10.28 -33.95	146.82 9.48 -29.69	117.97 7.45 -20.78	90.51 4.62 -7.52	68.69 3.80 6.82	55.87 3.22 13.11	52.98 2.22 7.68
NYPA_VERNON____GT2 24162	50.01 3.01 0.00	45.22 2.92 0.00	40.73 2.52 0.00	38.68 2.39 0.00	39.00 2.45 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.41 3.36 0.00	53.84 3.43 0.00	56.89 3.72 0.00	62.75 3.83 0.00	68.19 3.80 0.01	71.19 4.78 0.01	77.36 4.72 0.01	88.48 6.71 0.01	108.22 9.53 -5.34	124.67 10.82 -6.70	150.67 10.70 -33.96	147.25 9.90 -29.69	118.25 7.72 -20.78	107.90 4.70 -24.84	89.84 3.80 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
NYPA_VERNON____GT3 24163	50.01 3.01 0.00	45.22 2.92 0.00	40.73 2.52 0.00	38.68 2.39 0.00	39.00 2.45 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.41 3.36 0.00	53.84 3.43 0.00	56.89 3.72 0.00	62.75 3.83 0.00	68.19 3.80 0.01	71.19 4.78 0.01	77.36 4.72 0.01	88.48 6.71 0.01	108.22 9.53 -5.34	124.67 10.82 -6.70	150.67 10.70 -33.96	147.25 9.90 -29.69	118.25 7.72 -20.78	107.90 4.70 -24.84	89.84 3.80 -14.33	69.30 3.55 0.01	61.01 2.57 0.01
NYPA____ASTORIA_CC1 323568	49.97 2.96 0.00	45.19 2.88 0.00	40.69 2.48 0.00	38.65 2.36 0.00	38.93 2.37 0.00	40.69 2.41 0.00	46.90 2.78 0.00	49.32 3.27 0.00	53.68 3.27 0.00	56.79 3.62 0.00	62.58 3.65 0.00	67.99 3.60 0.01	70.98 4.58 0.01	77.15 4.51 0.01	88.32 6.54 0.01	108.02 9.33 -5.34	124.46 10.61 -6.70	150.46 10.50 -33.96	147.04 9.69 -29.69	118.07 7.54 -20.78	107.75 4.54 -24.84	89.70 3.66 -14.33	69.10 3.35 0.01	60.83 2.40 0.01
NYPA____ASTORIA_CC2 323569	49.97 2.96 0.00	45.19 2.88 0.00	40.69 2.48 0.00	38.65 2.36 0.00	38.93 2.37 0.00	40.69 2.41 0.00	46.90 2.78 0.00	49.32 3.27 0.00	53.68 3.27 0.00	56.79 3.62 0.00	62.58 3.65 0.00	67.99 3.60 0.01	70.98 4.58 0.01	77.15 4.51 0.01	88.32 6.54 0.01	108.02 9.33 -5.34	124.46 10.61 -6.70	150.46 10.50 -33.96	147.04 9.69 -29.69	118.07 7.54 -20.78	107.75 4.54 -24.84	89.70 3.66 -14.33	69.10 3.35 0.01	60.83 2.40 0.01
NYPA____HOLTSVILL 23794	49.77 2.77 0.00	45.95 3.64 -0.01	41.31 3.09 -0.01	39.16 2.87 0.00	39.37 2.81 0.00	41.19 2.91 0.00	47.30 3.18 0.00	49.27 3.22 0.00	52.42 2.02 0.01	55.12 2.13 0.18	61.37 2.83 0.38	67.95 3.80 0.25	71.06 4.65 0.00	77.73 5.08 0.00	91.71 7.61 -2.33	109.63 10.54 -5.73	125.03 12.42 -5.46	216.48 12.08 -98.40	226.53 11.74 -107.13	199.24 9.33 -100.16	109.01 5.80 -24.85	90.21 4.16 -14.34	69.96 4.21 0.01	60.31 1.87 0.01
NYPA____HELLGATE_GT1 24158	50.01 3.01 0.00	45.22 2.92 0.00	40.77 2.56 0.00	38.68 2.39 0.00	38.96 2.41 0.00	40.66 2.37 0.00	46.81 2.69 0.00	49.22 3.17 0.00	53.48 3.08 0.00	56.68 3.51 0.00	62.27 3.36 0.01	67.60 3.22 0.01	70.66 4.25 0.01	77.07 4.43 0.01	88.07 6.30 0.01	107.84 9.15 -5.34	124.24 10.39 -6.70	150.47 10.50 -33.97	147.04 9.69 -29.69	118.07 7.54 -20.78	107.75 4.54 -24.84	89.70 3.66 -14.33	69.10 3.35 0.01	60.60 2.16 0.01
NYPA____HELLGATE_GT2 24159	50.01 3.01 0.00	45.22 2.92 0.00	40.77 2.56 0.00	38.68 2.39 0.00	38.96 2.41 0.00	40.66 2.37 0.00	46.81 2.69 0.00	49.22 3.17 0.00	53.48 3.08 0.00	56.68 3.51 0.00	62.27 3.36 0.01	67.60 3.22 0.01	70.66 4.25 0.01	77.07 4.43 0.01	88.07 6.30 0.01	107.84 9.15 -5.34	124.24 10.39 -6.70	150.47 10.50 -33.97	147.04 9.69 -29.69	118.07 7.54 -20.78	107.75 4.54 -24.84	89.70 3.66 -14.33	69.10 3.35 0.01	60.60 2.16 0.01
NYS_BARGE____HYD 23848	47.05 0.05 0.00	41.93 -0.38 0.00	37.44 -0.76 0.00	35.60 -0.69 0.00	35.64 -0.91 0.00	37.33 -0.96 0.00	42.18 -1.94 0.00	43.24 -2.81 0.00	46.93 -3.48 0.00	50.04 -3.14 0.00	55.63 -3.30 0.00	61.04 -3.35 0.00	62.83 -3.59 0.00	68.95 -3.70 0.00	76.95 -4.83 0.00	85.79 -7.56 0.00	99.54 -7.61 0.00	101.69 -7.84 -3.53	103.74 -7.54 -3.62	85.15 -5.48 -0.87	74.29 -4.08 0.00	67.20 -4.52 0.00	62.40 -3.35 0.00	55.93 -2.51 0.00
OAK ORCHARD____HYD 24046	47.99 0.99 0.00	42.82 0.51 0.00	38.36 0.15 0.00	36.40 0.11 0.00	36.59 0.04 0.00	38.28 0.00 0.00	43.68 -0.44 0.00	45.26 -0.78 0.00	49.30 -1.11 0.00	52.43 -0.74 0.00	58.39 -0.53 0.00	64.14 -0.26 0.00	66.21 -0.20 0.00	72.72 0.07 0.00	81.62 -0.16 0.00	91.85 -1.50 0.00	105.97 -1.18 0.00	104.94 -1.06 0.00	106.79 -0.87 0.00	89.21 -0.54 0.00	78.29 -0.08 0.00	71.07 -0.65 0.00	65.36 -0.39 0.00	57.98 -0.47 0.00

OAKDALE___35_KV_LOAD 356122	47.61 0.61 0.00	42.73 0.42 0.00	38.51 0.31 0.00	36.58 0.29 0.00	36.81 0.26 0.00	38.59 0.31 0.00	44.29 0.18 0.00	46.09 0.05 0.00	50.41 0.00 0.00	53.55 0.37 0.00	59.46 0.53 0.00	65.17 0.77 0.00	67.41 1.00 0.00	73.81 1.16 0.00	83.33 1.55 0.00	94.84 1.49 0.00	108.65 1.50 0.00	115.93 1.38 -8.54	118.04 1.61 -8.77	98.22 1.62 -6.86	89.92 1.10 -10.46	79.08 0.79 -6.58	66.61 0.85 0.00	58.62 0.18 0.00
OCC_CHEM___DRP 24175	46.63 -0.38 0.00	41.63 -0.68 0.00	37.18 -1.03 0.00	35.17 -1.12 0.00	35.42 -1.13 0.00	37.02 -1.26 0.00	41.60 -2.51 0.00	42.46 -3.59 0.00	46.12 -4.28 0.00	49.34 -3.83 0.00	54.86 -4.07 0.00	60.47 -3.93 0.00	62.16 -4.25 0.00	67.71 -4.94 0.00	76.06 -5.72 0.00	84.76 -8.59 0.00	98.26 -8.89 0.00	100.61 -9.01 -3.62	102.44 -8.94 -3.71	84.00 -6.64 -0.90	73.27 -5.09 0.00	66.41 -5.31 0.00	61.68 -4.08 0.00	54.82 -3.62 0.00
OH_GEN_PROXY 24063	46.72 -0.28 0.00	41.63 -0.68 0.00	37.26 -0.95 0.00	35.46 -0.83 0.00	35.49 -1.06 0.00	37.13 -1.15 0.00	42.00 -2.12 0.00	43.06 -2.99 0.00	46.73 -3.68 0.00	49.77 -3.40 0.00	55.45 -3.48 0.00	60.98 -3.41 0.00	62.76 -3.65 0.00	68.79 -3.85 0.00	76.87 -4.90 0.00	85.87 -7.47 0.00	99.54 -7.61 0.00	101.94 -7.63 -3.57	104.00 -7.32 -3.67	85.07 -5.56 -0.89	74.13 -4.23 0.00	66.98 -4.74 0.00	62.99 -3.42 -0.66	54.98 -2.80 0.66
OLIN_CORP_DRP 24177	46.34 -0.66 0.00	41.29 -1.02 0.00	36.87 -1.34 0.00	35.27 -1.02 0.00	35.13 -1.43 0.00	36.71 -1.57 0.00	41.51 -2.60 0.00	42.41 -3.64 0.00	46.07 -4.33 0.00	49.29 -3.88 0.00	54.74 -4.18 0.00	60.34 -4.06 0.00	62.03 -4.38 0.00	67.71 -4.94 0.00	76.06 -5.72 0.00	84.76 -8.59 0.00	98.36 -8.79 0.00	100.54 -9.12 -3.66	102.58 -8.83 -3.75	84.10 -6.55 -0.91	73.35 -5.02 0.00	66.48 -5.24 0.00	61.61 -4.14 0.00	54.70 -3.74 0.00
OLIN_CORP_DSASP 323712	46.77 -0.23 0.00	41.72 -0.59 0.00	37.29 -0.92 0.00	35.49 -0.80 0.00	35.53 -1.02 0.00	37.17 -1.11 0.00	41.73 -2.38 0.00	42.69 -3.36 0.00	46.32 -4.08 0.00	49.40 -3.77 0.00	54.98 -3.95 0.00	60.46 -3.93 0.00	62.16 -4.25 0.00	68.07 -4.57 0.00	76.05 -5.73 0.00	84.67 -8.68 0.00	98.26 -8.89 0.00	100.61 -9.01 -3.62	102.55 -8.83 -3.71	84.01 -6.64 -0.90	73.27 -5.09 0.00	66.26 -5.45 0.00	61.68 -4.08 0.00	55.29 -3.16 0.00
ONEIDA_HERK_LFGE 323681	48.18 1.18 0.00	43.41 1.10 0.00	39.01 0.80 0.00	37.02 0.73 0.00	37.32 0.77 0.00	39.16 0.88 0.00	45.13 1.02 0.00	47.11 1.06 0.00	51.57 1.16 0.00	54.29 1.12 0.00	60.17 1.24 0.00	65.94 1.54 0.00	68.07 1.66 0.00	74.76 2.11 0.00	84.47 2.69 0.00	97.48 3.18 -0.96	118.23 3.85 -7.23	112.15 4.03 -2.12	114.68 4.73 -2.29	94.79 4.40 -0.64	82.13 3.76 0.00	75.09 3.37 0.00	68.45 2.70 0.00	60.61 2.16 0.00
ONEIDA___115KV_TB4 55905	48.55 1.55 0.00	43.70 1.40 0.00	39.32 1.11 0.00	37.27 0.98 0.00	37.61 1.06 0.00	39.47 1.19 0.00	45.44 1.32 0.00	47.43 1.38 0.00	51.87 1.46 0.00	54.72 1.54 0.00	60.69 1.77 0.00	66.58 2.19 0.00	68.80 2.39 0.00	75.55 2.91 0.00	85.21 3.43 0.00	97.76 4.01 -0.40	114.91 4.82 -2.94	111.67 4.77 -0.89	114.01 5.38 -0.97	94.78 4.76 -0.27	82.28 3.92 0.00	75.16 3.44 0.00	68.58 2.83 0.00	60.61 2.16 0.00
ONONDAGA_REF_OCCRA 23987	47.24 0.24 0.00	42.39 0.08 0.00	38.21 0.00 0.00	36.25 -0.04 0.00	36.51 -0.04 0.00	38.28 0.00 0.00	44.07 -0.04 0.00	46.00 -0.05 0.00	50.41 0.00 0.00	53.28 0.11 0.00	59.16 0.24 0.00	64.84 0.45 0.00	66.94 0.53 0.00	73.30 0.65 0.00	82.68 0.90 0.00	94.28 0.93 0.00	109.52 1.18 -1.19	107.06 1.06 0.00	108.95 1.29 0.00	90.92 1.17 0.00	79.07 0.71 0.00	72.22 0.50 0.00	66.22 0.46 0.00	58.44 0.00 0.00
ONONDAGA___COGEN 23986	47.33 0.33 0.00	42.48 0.17 0.00	38.29 0.08 0.00	36.33 0.04 0.00	36.59 0.04 0.00	38.40 0.11 0.00	44.16 0.04 0.00	46.14 0.09 0.00	50.51 0.10 0.00	53.44 0.27 0.00	59.34 0.41 0.00	64.97 0.58 0.00	66.81 0.40 0.00	73.08 0.44 0.00	82.35 0.57 0.00	93.91 0.56 0.00	108.93 0.64 -1.14	106.53 0.53 0.00	108.41 0.75 0.00	90.47 0.72 0.00	78.76 0.39 0.00	72.00 0.29 0.00	66.28 0.53 0.00	58.50 0.06 0.00
ONTARIO___LFGE 23819	48.32 1.31 0.00	43.15 0.85 0.00	38.74 0.53 0.00	36.76 0.47 0.00	36.99 0.44 0.00	38.86 0.58 0.00	44.60 0.49 0.00	46.46 0.41 0.00	50.71 0.30 0.00	53.65 0.48 0.00	59.40 0.47 0.00	65.23 0.83 0.00	67.47 1.06 0.00	74.10 1.45 0.00	83.41 1.63 0.00	94.09 0.74 0.00	108.11 0.96 0.00	110.78 1.48 -3.29	112.66 1.62 -3.38	92.63 2.07 -0.82	80.40 2.03 0.00	73.15 1.43 0.00	67.14 1.38 0.00	59.09 0.64 0.00
ORANGEVILLE_WT_PWR 323706	47.05 0.05 0.00	41.93 -0.38 0.00	37.40 -0.80 0.00	35.53 -0.76 0.00	35.57 -0.99 0.00	37.29 -1.00 0.00	42.35 -1.77 0.00	43.52 -2.53 0.00	47.33 -3.08 0.00	50.35 -2.82 0.00	56.10 -2.83 0.00	61.75 -2.64 0.00	63.63 -2.79 0.00	70.18 -2.47 0.00	78.67 -3.11 0.00	88.21 -5.13 0.00	102.22 -4.93 0.00	105.34 -5.19 -4.53	107.89 -4.42 -4.65	88.18 -2.69 -1.12	76.57 -1.80 0.00	69.56 -2.15 0.00	64.44 -1.31 0.00	57.16 -1.29 0.00
ORANGEVILLE___ESR 323794	47.05 0.05 0.00	41.93 -0.38 0.00	37.40 -0.80 0.00	35.53 -0.76 0.00	35.57 -0.99 0.00	37.29 -1.00 0.00	42.35 -1.77 0.00	43.52 -2.53 0.00	47.33 -3.08 0.00	50.35 -2.82 0.00	56.10 -2.83 0.00	61.75 -2.64 0.00	63.63 -2.79 0.00	70.18 -2.47 0.00	78.67 -3.11 0.00	88.21 -5.13 0.00	102.22 -4.93 0.00	105.34 -5.19 -4.53	107.89 -4.42 -4.65	88.18 -2.69 -1.12	76.57 -1.80 0.00	69.56 -2.15 0.00	64.44 -1.31 0.00	57.16 -1.29 0.00
OSWEGATCHIE___HYD 24044	47.57 0.57 0.00	42.82 0.51 0.00	38.48 0.27 0.00	36.47 0.18 0.00	36.62 0.07 0.00	38.43 0.15 0.00	44.51 0.40 0.00	46.37 0.32 0.00	50.46 0.05 0.00	53.12 -0.05 0.00	58.75 -0.18 0.00	64.33 -0.06 0.00	66.15 -0.26 0.00	72.65 0.00 0.00	81.62 -0.16 0.00	99.34 -1.02 -7.01	160.76 -1.50 -55.11	120.43 -1.06 -15.49	124.21 -0.21 -16.77	95.07 0.63 -4.69	79.78 1.41 0.00	73.01 1.29 0.00	66.80 1.05 0.00	59.79 1.35 0.00
OSWEGO___5 23606	46.39 -0.61 0.00	41.67 -0.63 0.00	37.56 -0.65 0.00	35.67 -0.62 0.00	35.93 -0.62 0.00	37.63 -0.65 0.00	43.28 -0.84 0.00	45.13 -0.92 0.00	49.40 -1.01 0.00	52.22 -0.96 0.00	57.92 -1.00 0.00	63.36 -1.03 0.00	65.42 -0.99 0.00	71.63 -1.02 0.00	80.71 -1.07 0.00	91.95 -1.40 0.00	105.55 -1.60 0.00	104.42 -1.59 0.00	106.15 -1.51 0.00	88.68 -1.07 0.00	77.27 -1.10 0.00	70.56 -1.15 0.00	64.70 -1.05 0.00	57.33 -1.11 0.00
OSWEGO___6 23613	46.39 -0.61 0.00	41.67 -0.63 0.00	37.56 -0.65 0.00	35.67 -0.62 0.00	35.93 -0.62 0.00	37.63 -0.65 0.00	43.28 -0.84 0.00	45.13 -0.92 0.00	49.40 -1.01 0.00	52.22 -0.96 0.00	57.92 -1.00 0.00	63.36 -1.03 0.00	65.42 -0.99 0.00	71.63 -1.02 0.00	80.71 -1.07 0.00	91.95 -1.40 0.00	105.55 -1.60 0.00	104.42 -1.59 0.00	106.15 -1.51 0.00	88.68 -1.07 0.00	77.27 -1.10 0.00	70.56 -1.15 0.00	64.70 -1.05 0.00	57.33 -1.11 0.00

OUTOKUMPU-AB___DRP 24206	47.43 0.42 0.00	42.27 -0.04 0.00	37.71 -0.50 0.00	35.82 -0.47 0.00	35.93 -0.62 0.00	37.63 -0.65 0.00	42.44 -1.68 0.00	43.42 -2.62 0.00	47.28 -3.13 0.00	50.57 -2.61 0.00	56.27 -2.65 0.00	62.08 -2.32 0.00	63.62 -2.79 0.00	69.31 -3.34 0.00	77.85 -3.93 0.00	86.72 -6.63 0.00	100.72 -6.43 0.00	102.92 -6.78 -3.70	104.89 -6.57 -3.80	86.00 -4.67 -0.92	74.92 -3.45 0.00	67.91 -3.80 0.00	63.32 -2.43 0.00	56.05 -2.40 0.00
OXBOW___BTM 323836	47.24 0.24 0.00	42.14 -0.17 0.00	37.64 -0.57 0.00	35.82 -0.47 0.00	35.86 -0.70 0.00	37.52 -0.77 0.00	42.27 -1.85 0.00	43.24 -2.81 0.00	47.03 -3.38 0.00	50.14 -3.03 0.00	55.86 -3.07 0.00	61.43 -2.96 0.00	63.03 -3.38 0.00	68.72 -3.92 0.00	76.71 -5.07 0.00	85.50 -7.84 0.00	99.22 -7.93 0.00	101.39 -8.27 -3.66	103.45 -7.97 -3.76	84.73 -5.93 -0.91	73.90 -4.46 0.00	67.20 -4.52 0.00	62.67 -3.09 0.00	56.05 -2.40 0.00
OXBOW___ 24026	47.10 0.09 0.00	42.05 -0.25 0.00	37.52 -0.69 0.00	35.56 -0.73 0.00	35.75 -0.80 0.00	37.40 -0.88 0.00	42.09 -2.03 0.00	43.01 -3.04 0.00	46.78 -3.63 0.00	50.09 -3.08 0.00	55.68 -3.24 0.00	61.43 -2.96 0.00	63.03 -3.39 0.00	68.36 -4.29 0.00	76.71 -5.07 0.00	85.50 -7.84 0.00	99.22 -7.93 0.00	101.39 -8.27 -3.66	103.34 -8.07 -3.76	84.73 -5.92 -0.91	73.90 -4.47 0.00	66.98 -4.73 0.00	62.67 -3.09 0.00	55.58 -2.86 0.00
OXY_CHEM_DSASP 323612	46.63 -0.38 0.00	41.63 -0.68 0.00	37.18 -1.03 0.00	35.17 -1.12 0.00	35.42 -1.13 0.00	37.02 -1.26 0.00	41.60 -2.51 0.00	42.46 -3.59 0.00	46.12 -4.28 0.00	49.34 -3.83 0.00	54.86 -4.07 0.00	60.47 -3.93 0.00	62.16 -4.25 0.00	67.71 -4.94 0.00	76.06 -5.72 0.00	84.76 -8.59 0.00	98.26 -8.89 0.00	100.61 -9.01 -3.62	102.44 -8.94 -3.71	84.00 -6.64 -0.90	73.27 -5.09 0.00	66.41 -5.31 0.00	61.68 -4.08 0.00	54.82 -3.62 0.00
OZONE_PARK_ESR 323760	50.48 3.48 0.00	45.61 3.30 0.00	41.11 2.90 0.00	39.01 2.72 0.00	39.33 2.78 0.00	41.15 2.87 0.00	47.47 3.35 0.00	49.87 3.82 0.00	54.54 4.13 0.00	57.59 4.41 0.00	63.76 4.83 0.00	69.29 4.89 0.00	72.32 5.91 0.00	78.75 6.10 0.00	89.96 8.18 0.00	109.89 11.20 -5.34	126.81 12.97 -6.70	152.58 12.61 -33.96	149.52 12.17 -29.70	120.05 9.51 -20.79	109.48 6.27 -24.84	91.14 5.09 -14.34	70.42 4.67 0.00	62.07 3.62 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	46.63 -0.38 0.00	41.63 -0.68 0.00	37.18 -1.03 0.00	35.17 -1.12 0.00	35.42 -1.13 0.00	37.02 -1.26 0.00	41.60 -2.51 0.00	42.46 -3.59 0.00	46.12 -4.28 0.00	49.34 -3.83 0.00	54.86 -4.07 0.00	60.47 -3.93 0.00	62.16 -4.25 0.00	67.71 -4.94 0.00	76.06 -5.72 0.00	84.76 -8.59 0.00	98.26 -8.89 0.00	100.61 -9.01 -3.62	102.44 -8.94 -3.71	84.00 -6.64 -0.90	73.27 -5.09 0.00	66.41 -5.31 0.00	61.68 -4.08 0.00	54.82 -3.62 0.00
PACKARD__115KV_DUPONT_184 80571	46.63 -0.38 0.00	41.63 -0.68 0.00	37.18 -1.03 0.00	35.17 -1.12 0.00	35.42 -1.13 0.00	37.02 -1.26 0.00	41.60 -2.51 0.00	42.46 -3.59 0.00	46.12 -4.28 0.00	49.34 -3.83 0.00	54.86 -4.07 0.00	60.47 -3.93 0.00	62.16 -4.25 0.00	67.71 -4.94 0.00	76.06 -5.72 0.00	84.76 -8.59 0.00	98.26 -8.89 0.00	100.61 -9.01 -3.62	102.44 -8.94 -3.71	84.00 -6.64 -0.90	73.27 -5.09 0.00	66.41 -5.31 0.00	61.68 -4.08 0.00	54.82 -3.62 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	50.06 3.06 0.00	45.31 3.00 0.00	40.85 2.64 0.00	38.72 2.43 0.00	39.04 2.49 0.00	40.73 2.45 0.00	46.90 2.78 0.00	49.32 3.27 0.00	53.63 3.23 0.00	56.74 3.56 0.00	62.46 3.54 0.00	67.80 3.41 0.01	70.86 4.45 0.01	77.29 4.65 0.01	88.23 6.46 0.01	108.02 9.33 -5.34	124.46 10.61 -6.70	150.68 10.71 -33.97	147.36 10.01 -29.69	118.25 7.72 -20.78	107.90 4.70 -24.84	89.84 3.80 -14.33	69.30 3.55 0.01	60.95 2.51 0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	50.81 3.81 0.00	45.95 3.64 0.00	41.42 3.21 0.00	39.23 2.94 0.00	39.55 3.00 0.00	41.34 3.06 0.00	47.56 3.44 0.00	50.01 3.96 0.00	54.39 3.98 0.00	57.48 4.31 0.00	63.35 4.42 0.00	68.77 4.38 0.01	71.85 5.45 0.01	78.38 5.74 0.01	89.54 7.77 0.01	109.61 10.92 -5.34	126.28 12.43 -6.70	152.48 12.51 -33.97	149.30 11.95 -29.69	119.86 9.33 -20.78	109.31 6.11 -24.84	91.06 5.02 -14.33	70.42 4.67 0.01	61.89 3.45 0.01
PATROON__115KV_TB1 80586	48.13 1.13 0.00	43.37 1.06 0.00	39.24 1.03 0.00	37.31 1.02 0.00	37.61 1.06 0.00	39.35 1.07 0.00	45.13 1.01 0.00	47.15 1.11 0.00	51.77 1.36 0.00	54.40 1.22 0.00	60.34 1.41 0.00	65.87 1.48 0.00	68.07 1.66 0.00	74.39 1.74 0.00	84.56 2.78 0.00	101.94 3.83 -4.76	117.62 4.50 -5.97	189.13 4.45 -78.67	205.71 4.20 -93.86	198.02 3.23 -105.04	243.30 2.04 -162.90	171.13 1.79 -97.62	67.47 1.71 0.00	59.56 1.11 0.00
PATTRSNVILLE___SOLAR 323815	49.35 2.35 0.00	44.42 2.11 0.00	40.12 1.91 0.00	38.10 1.81 0.00	38.45 1.90 0.00	40.27 1.99 0.00	46.15 2.03 0.00	48.03 1.98 0.00	52.47 2.07 0.00	55.08 1.91 0.00	61.11 2.18 0.00	66.71 2.31 0.00	68.94 2.52 0.00	75.48 2.83 0.00	85.54 3.76 0.00	110.19 4.67 -12.18	127.87 5.46 -15.26	236.05 5.72 -124.32	251.40 6.24 -137.50	259.51 5.38 -164.37	343.20 4.54 -260.29	232.04 4.09 -156.24	69.44 3.68 0.00	61.25 2.81 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	46.81 -0.19 0.00	41.72 -0.59 0.00	37.22 -0.99 0.00	35.42 -0.87 0.00	35.49 -1.06 0.00	37.21 -1.07 0.00	42.22 -1.90 0.00	43.38 -2.67 0.00	47.33 -3.07 0.00	50.51 -2.66 0.00	56.27 -2.65 0.00	62.14 -2.25 0.00	63.96 -2.46 0.00	70.10 -2.54 0.00	78.75 -3.03 0.00	88.12 -5.23 0.00	102.33 -4.82 0.00	104.99 -5.09 -4.07	107.10 -4.74 -4.18	87.53 -3.23 -1.01	75.94 -2.43 0.00	68.85 -2.87 0.00	63.78 -1.97 0.00	56.11 -2.34 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	49.92 2.91 0.00	44.97 2.67 0.00	40.65 2.45 0.00	38.69 2.40 0.00	38.96 2.41 0.00	40.73 2.45 0.00	46.85 2.74 0.00	49.18 3.13 0.00	53.83 3.43 0.00	56.79 3.62 0.00	63.40 4.48 0.00	68.84 4.44 0.00	71.93 5.51 0.00	78.60 5.96 0.00	89.63 7.85 0.00	108.57 10.36 -4.87	125.46 12.22 -6.10	151.39 11.98 -33.41	142.99 11.52 -23.81	115.05 8.89 -16.41	107.99 6.03 -23.59	91.48 4.95 -14.82	70.10 4.34 0.00	61.60 3.16 0.00
PEEKSKILL___ 23653	49.40 2.40 0.00	44.63 2.33 0.00	40.31 2.10 0.00	38.32 2.03 0.00	38.60 2.05 0.00	40.39 2.10 0.00	46.41 2.29 0.00	48.67 2.62 0.00	53.23 2.82 0.00	56.20 3.03 0.00	62.22 3.30 0.00	67.87 3.47 0.00	70.80 4.38 0.00	77.15 4.51 0.00	88.16 6.38 0.00	107.25 8.68 -5.23	123.88 10.18 -6.55	149.34 9.86 -33.48	146.42 9.48 -29.29	117.61 7.36 -20.50	107.46 4.54 -24.55	89.63 3.73 -14.19	69.11 3.35 0.00	60.79 2.34 0.00
PGE MADISON___WINDPWR 24146	50.81 3.81 0.00	45.78 3.47 0.00	40.96 2.75 0.00	38.79 2.50 0.00	39.26 2.70 0.00	41.34 3.06 0.00	47.60 3.48 0.00	49.64 3.59 0.00	54.14 3.73 0.00	56.95 3.78 0.00	63.17 4.25 0.00	69.80 5.41 0.00	72.13 5.71 0.00	79.62 6.97 0.00	89.63 7.85 0.00	102.50 9.15 0.00	118.08 10.93 0.00	127.42 11.13 -10.29	130.92 12.70 -10.57	110.22 11.13 -9.34	102.84 9.48 -15.00	89.39 8.24 -9.43	72.59 6.84 0.00	64.06 5.61 0.00

PIERCEFIELD___HYD 23852	47.10 0.09 0.00	42.39 0.08 0.00	38.17 -0.04 0.00	36.22 -0.07 0.00	36.26 -0.29 0.00	38.01 -0.27 0.00	44.21 0.09 0.00	45.86 -0.18 0.00	49.75 -0.66 0.00	52.48 -0.69 0.00	57.87 -1.06 0.00	63.17 -1.22 0.00	64.75 -1.66 0.00	70.98 -1.67 0.00	79.08 -2.70 0.00	78.86 -4.57 9.91	69.18 -6.11 31.86	78.30 -5.83 21.87	78.59 -5.38 23.68	79.00 -4.13 6.62	76.56 -1.80 0.00	70.14 -1.58 0.00	64.57 -1.18 0.00	58.56 0.12 0.00
PINELAWN_CC_1 323563	50.10 3.10 0.00	46.16 3.85 -0.01	41.58 3.36 -0.01	39.41 3.12 0.00	39.62 3.07 0.00	41.46 3.18 0.00	47.65 3.53 0.00	49.64 3.59 0.00	52.92 2.52 0.00	55.78 2.71 0.10	62.25 3.48 0.15	68.80 4.51 0.10	71.66 5.25 0.00	78.53 5.88 0.00	95.48 8.35 -5.35	110.85 11.29 -6.21	126.08 13.28 -5.64	160.33 12.93 -41.40	155.20 12.70 -34.85	125.87 10.05 -26.07	109.56 6.34 -24.85	90.86 4.81 -14.34	70.55 4.80 0.00	60.90 2.45 0.00
PJM_GEN_HTTP_PROXY 323702	49.87 2.87 0.00	45.06 2.75 0.00	40.62 2.41 0.00	38.61 2.32 0.00	38.93 2.37 0.00	40.69 2.41 0.00	46.90 2.78 0.00	49.27 3.22 0.00	53.83 3.43 0.00	56.89 3.72 0.00	62.93 4.01 0.00	68.45 4.06 0.00	71.46 5.04 0.00	77.66 5.01 0.00	88.89 7.11 0.00	108.49 9.80 -5.34	125.20 11.35 -6.70	150.88 10.92 -33.96	147.79 10.44 -29.69	118.70 8.17 -20.79	108.23 5.02 -24.84	90.14 4.09 -14.34	70.16 3.75 -0.66	60.53 2.75 0.66
PJM_GEN_KEystone 24065	47.80 0.80 0.00	42.98 0.67 0.00	38.67 0.46 0.00	36.80 0.51 0.00	36.99 0.44 0.00	38.74 0.46 0.00	44.34 0.22 0.00	46.19 0.14 0.00	50.31 0.00 0.09	52.97 0.11 0.31	58.40 0.18 0.71	63.68 0.32 1.04	65.90 0.73 1.24	72.28 0.80 1.17	81.70 1.39 1.46	96.49 1.59 -1.56	111.95 2.47 -2.33	126.51 2.33 -18.18	122.64 2.26 -12.72	100.87 1.97 -9.15	92.42 0.78 -13.27	79.62 0.29 -7.62	66.09 0.59 0.26	57.19 -0.06 1.20
PJM_GEN_NEPTUNE_PROXY 323594	49.54 2.54 0.00	45.49 3.17 -0.01	41.04 2.83 -0.01	38.94 2.65 0.00	39.18 2.63 0.00	41.00 2.72 0.00	47.07 2.96 0.00	49.09 3.04 0.00	52.57 2.17 0.00	55.49 2.34 0.02	61.81 2.89 0.00	68.13 3.73 0.00	70.93 4.52 0.00	77.59 4.94 0.00	89.55 7.20 -0.57	108.50 9.71 -5.44	123.65 11.35 -5.14	154.37 11.02 -37.34	148.03 10.66 -29.71	118.98 8.43 -20.80	108.31 5.09 -24.85	89.85 3.80 -14.34	70.42 4.01 -0.65	59.71 1.93 0.67
PJM_GEN_VFT_PROXY 323633	49.62 2.63 0.01	44.85 2.54 0.00	40.42 2.22 0.01	38.42 2.14 0.01	38.70 2.16 0.01	40.50 2.22 0.00	46.67 2.56 0.01	49.03 2.99 0.01	52.34 3.23 1.29	52.26 3.51 4.42	52.56 3.71 10.08	53.21 3.60 14.79	53.21 4.58 17.78	60.46 4.51 16.69	67.40 6.54 20.92	90.25 9.15 12.25	107.87 10.61 9.89	124.44 10.18 -8.26	121.58 9.69 -4.23	105.05 7.45 -7.85	90.34 4.46 -7.51	68.47 3.58 6.83	56.58 3.29 12.46	52.55 2.45 8.35
PLATSBURG_115KV_PMLD1 355749	46.16 -0.85 0.00	41.46 -0.85 0.00	37.37 -0.84 0.00	35.46 -0.83 0.00	35.67 -0.88 0.00	37.36 -0.92 0.00	43.32 -0.79 0.00	45.31 -0.74 0.00	49.35 -1.06 0.00	52.22 -0.96 0.00	57.33 -1.59 0.00	62.46 -1.93 0.00	63.96 -2.46 0.00	70.18 -2.47 0.00	78.26 -3.52 0.00	87.65 -4.39 1.30	89.67 -5.36 12.12	98.25 -4.88 2.88	99.91 -4.63 3.12	85.29 -3.59 0.87	76.25 -2.12 0.00	69.85 -1.86 0.00	63.91 -1.84 0.00	57.33 -1.11 0.00
PLEASANTVLY___LBMP 24000	49.16 2.16 0.00	44.38 2.07 0.00	40.12 1.91 0.00	38.14 1.85 0.00	38.41 1.86 0.00	40.20 1.91 0.00	46.19 2.07 0.00	48.40 2.35 0.00	52.98 2.57 0.00	55.78 2.61 0.00	61.81 2.89 0.00	67.36 2.96 0.00	70.20 3.79 0.00	76.57 3.92 0.00	87.26 5.48 0.00	106.94 7.47 -6.13	123.62 8.79 -7.68	151.14 8.48 -36.65	147.77 8.18 -31.93	118.61 6.37 -22.49	108.74 3.92 -26.46	90.06 3.23 -15.12	68.71 2.96 0.00	60.55 2.10 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	49.63 2.63 0.00	44.85 2.54 0.00	40.50 2.29 0.00	38.47 2.18 0.00	38.78 2.23 0.00	40.58 2.30 0.00	46.68 2.56 0.00	48.95 2.90 0.00	53.53 3.13 0.00	56.47 3.30 0.00	62.58 3.65 0.00	68.19 3.80 0.00	71.19 4.78 0.00	77.66 5.01 0.00	88.65 6.87 0.00	107.98 9.24 -5.40	124.74 10.82 -6.76	150.73 10.49 -34.23	147.60 10.01 -29.93	118.50 7.81 -20.94	108.31 4.94 -25.01	90.09 3.94 -14.43	69.37 3.62 0.00	61.07 2.63 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	49.63 2.63 0.00	44.85 2.54 0.00	40.50 2.29 0.00	38.47 2.18 0.00	38.78 2.23 0.00	40.58 2.30 0.00	46.68 2.56 0.00	48.95 2.90 0.00	53.53 3.13 0.00	56.47 3.30 0.00	62.58 3.65 0.00	68.19 3.80 0.00	71.19 4.78 0.00	77.66 5.01 0.00	88.65 6.87 0.00	107.98 9.24 -5.40	124.74 10.82 -6.76	150.73 10.49 -34.23	147.60 10.01 -29.93	118.50 7.81 -20.94	108.31 4.94 -25.01	90.09 3.94 -14.43	69.37 3.62 0.00	61.07 2.63 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	49.49 2.49 0.00	44.68 2.37 0.00	40.35 2.14 0.00	38.40 2.10 0.00	38.67 2.12 0.00	40.42 2.14 0.00	46.50 2.38 0.00	48.72 2.67 0.00	53.38 2.97 0.00	56.26 3.08 0.00	62.34 3.42 0.00	67.94 3.54 0.00	70.80 4.38 0.00	77.37 4.72 0.00	88.24 6.46 0.00	106.98 8.59 -5.04	123.65 10.18 -6.32	150.48 9.86 -34.62	149.18 9.69 -31.83	120.20 7.45 -23.00	111.33 5.02 -27.95	92.00 4.16 -16.12	69.44 3.68 0.00	61.13 2.69 0.00
POLETTI____ 23519	49.92 2.91 0.00	45.10 2.79 0.00	40.65 2.45 0.00	38.61 2.32 0.00	38.93 2.38 0.00	40.73 2.45 0.00	46.94 2.82 0.00	49.32 3.27 0.00	53.88 3.48 0.00	56.90 3.72 0.00	62.93 4.01 0.00	68.39 3.99 0.00	71.39 4.98 0.00	77.66 5.01 0.00	88.73 6.95 0.00	108.40 9.71 -5.34	124.99 11.14 -6.70	150.77 10.81 -33.96	147.58 10.23 -29.70	118.52 7.99 -20.79	108.15 4.94 -24.84	90.00 3.94 -14.34	69.44 3.68 0.00	61.31 2.86 0.00
POMONA___ESR 323819	49.30 2.30 0.00	44.55 2.24 0.00	40.23 2.02 0.00	38.28 1.99 0.00	38.56 2.01 0.00	40.31 2.03 0.00	46.37 2.25 0.00	48.62 2.58 0.00	53.18 2.77 0.00	56.15 2.98 0.00	62.16 3.24 0.00	67.80 3.41 0.00	70.73 4.31 0.00	77.15 4.51 0.00	88.16 6.38 0.00	106.85 8.58 -4.93	123.39 10.07 -6.17	148.10 9.75 -32.35	145.36 9.36 -28.34	116.81 7.27 -19.80	106.78 4.54 -23.87	89.29 3.73 -13.85	69.11 3.35 0.00	60.72 2.28 0.00
PORT_JEFF_3 23555	49.92 2.92 0.00	46.04 3.72 -0.01	41.39 3.17 -0.01	39.23 2.94 0.00	39.44 2.89 0.00	41.27 2.99 0.00	47.38 3.26 0.00	49.41 3.36 0.00	52.57 2.17 0.01	55.15 2.18 0.20	61.27 2.77 0.42	67.85 3.73 0.27	70.99 4.58 0.00	77.52 4.87 0.00	91.58 7.44 -2.35	109.54 10.45 -5.74	124.82 12.21 -5.46	218.90 11.87 -101.03	229.75 11.63 -110.46	202.57 9.25 -103.57	108.86 5.65 -24.85	90.00 3.94 -14.34	69.90 4.15 0.01	60.31 1.87 0.01
PORT_JEFF_4 23616	49.92 2.92 0.00	46.04 3.72 -0.01	41.39 3.17 -0.01	39.23 2.94 0.00	39.44 2.89 0.00	41.27 2.99 0.00	47.38 3.26 0.00	49.41 3.36 0.00	52.57 2.17 0.01	55.15 2.18 0.20	61.27 2.77 0.42	67.85 3.73 0.27	70.99 4.58 0.00	77.52 4.87 0.00	91.58 7.44 -2.35	109.54 10.45 -5.74	124.82 12.21 -5.46	218.90 11.87 -101.03	229.75 11.63 -110.46	202.57 9.25 -103.57	108.86 5.65 -24.85	90.00 3.94 -14.34	69.90 4.15 0.01	60.31 1.87 0.01

PORT_JEFF_IC 23713	50.86 3.85 0.00	46.12 3.81 0.00	41.49 3.29 0.00	39.30 3.01 0.00	39.51 2.96 0.00	41.42 3.14 0.00	47.56 3.44 0.00	49.82 3.78 0.00	52.77 2.37 0.00	55.25 2.34 0.26	61.71 3.36 0.58	68.08 4.06 0.37	71.26 4.85 0.00	77.66 5.01 0.00	91.74 7.52 -2.43	109.65 10.55 -5.76	125.16 12.54 -5.47	228.86 12.08 -110.77	242.32 11.84 -122.82	215.31 9.33 -116.23	108.94 5.72 -24.85	90.00 3.94 -14.34	70.09 4.34 0.01	60.78 2.34 0.01
PPL PILGRIM_ST_GT1 24216	50.29 3.29 0.00	46.46 4.15 -0.01	41.81 3.59 -0.01	39.63 3.34 0.00	39.84 3.29 0.00	41.69 3.41 0.00	47.86 3.75 0.00	49.87 3.82 0.00	52.92 2.52 0.01	55.59 2.66 0.24	62.47 3.54 -0.01	69.05 4.64 -0.02	71.66 5.25 0.00	78.46 5.81 0.00	92.42 7.85 -2.79	110.06 10.92 -5.80	125.50 12.85 -5.50	168.74 12.40 -50.34	166.01 12.16 -46.19	136.95 9.51 -37.69	109.17 5.95 -24.85	90.36 4.30 -14.34	70.69 4.93 0.00	60.89 2.45 0.00
PPL PILGRIM_ST_GT2 24217	50.29 3.29 0.00	46.46 4.15 -0.01	41.81 3.59 -0.01	39.63 3.34 0.00	39.84 3.29 0.00	41.69 3.41 0.00	47.86 3.75 0.00	49.87 3.82 0.00	52.92 2.52 0.01	55.59 2.66 0.24	62.47 3.54 -0.01	69.05 4.64 -0.02	71.66 5.25 0.00	78.46 5.81 0.00	92.42 7.85 -2.79	110.06 10.92 -5.80	125.50 12.85 -5.50	168.74 12.40 -50.34	166.01 12.16 -46.19	136.95 9.51 -37.69	109.17 5.95 -24.85	90.36 4.30 -14.34	70.69 4.93 0.00	60.89 2.45 0.00
PPL_SHRM_GT3 24213	49.59 2.58 0.00	45.70 3.39 -0.01	41.04 2.83 -0.01	38.90 2.61 0.00	39.11 2.56 0.00	40.92 2.64 0.00	46.94 2.83 0.00	49.00 2.95 0.00	52.16 1.76 0.01	54.87 1.91 0.21	61.19 2.71 0.45	67.90 3.80 0.29	70.79 4.38 0.00	77.59 4.94 0.00	91.78 7.61 -2.39	110.01 10.92 -5.75	125.47 12.85 -5.47	221.21 12.82 -102.38	232.64 12.81 -112.18	205.40 10.32 -105.33	109.80 6.58 -24.85	90.71 4.66 -14.34	70.16 4.41 0.01	60.48 2.04 0.01
PPL_SHRM_GT4 24214	49.59 2.58 0.00	45.70 3.39 -0.01	41.04 2.83 -0.01	38.90 2.61 0.00	39.11 2.56 0.00	40.92 2.64 0.00	46.94 2.83 0.00	49.00 2.95 0.00	52.16 1.76 0.01	54.87 1.91 0.21	61.19 2.71 0.45	67.90 3.80 0.29	70.79 4.38 0.00	77.59 4.94 0.00	91.78 7.61 -2.39	110.01 10.92 -5.75	125.47 12.85 -5.47	221.21 12.82 -102.38	232.64 12.81 -112.18	205.40 10.32 -105.33	109.80 6.58 -24.85	90.71 4.66 -14.34	70.16 4.41 0.01	60.48 2.04 0.01
PROJECT___ORANGE 1 24174	47.10 0.09 0.00	42.27 -0.04 0.00	38.09 -0.11 0.00	36.18 -0.11 0.00	36.44 -0.11 0.00	38.20 -0.08 0.00	43.94 -0.18 0.00	45.86 -0.18 0.00	50.25 -0.15 0.00	53.17 0.00 0.00	59.04 0.12 0.00	64.72 0.32 0.00	66.88 0.46 0.00	73.16 0.51 0.00	82.60 0.82 0.00	94.09 0.75 0.00	109.34 0.86 -1.34	106.75 0.74 0.00	108.52 0.86 0.00	90.56 0.81 0.00	78.76 0.39 0.00	71.93 0.22 0.00	65.95 0.20 0.00	58.21 -0.23 0.00
PROJECT___ORANGE 2 24166	47.10 0.09 0.00	42.27 -0.04 0.00	38.09 -0.11 0.00	36.18 -0.11 0.00	36.44 -0.11 0.00	38.20 -0.08 0.00	43.94 -0.18 0.00	45.86 -0.18 0.00	50.25 -0.15 0.00	53.17 0.00 0.00	59.04 0.12 0.00	64.72 0.32 0.00	66.88 0.46 0.00	73.16 0.51 0.00	82.60 0.82 0.00	94.09 0.75 0.00	109.34 0.86 -1.34	106.75 0.74 0.00	108.52 0.86 0.00	90.56 0.81 0.00	78.76 0.39 0.00	71.93 0.22 0.00	65.95 0.20 0.00	58.21 -0.23 0.00
PUCKETT___SOLAR 323809	48.51 1.50 0.00	43.54 1.23 0.00	39.20 0.99 0.00	37.20 0.91 0.00	37.50 0.95 0.00	39.35 1.07 0.00	45.22 1.10 0.00	47.06 1.01 0.00	51.31 0.91 0.00	54.24 1.06 0.00	60.17 1.24 0.00	65.94 1.54 0.00	68.21 1.79 0.00	74.90 2.25 0.00	84.47 2.69 0.00	96.33 2.99 0.00	110.68 3.53 0.00	119.24 3.61 -9.63	121.74 4.19 -9.89	101.75 3.86 -8.15	94.14 3.05 -12.72	82.29 2.58 -8.00	68.06 2.30 0.00	59.96 1.52 0.00
PYRITES___HYD 24023	47.85 0.85 0.00	43.11 0.80 0.00	38.78 0.57 0.00	36.80 0.51 0.00	36.92 0.37 0.00	38.70 0.42 0.00	45.00 0.88 0.00	46.69 0.64 0.00	50.66 0.25 0.00	53.33 0.16 0.00	58.75 -0.18 0.00	64.14 -0.26 0.00	65.68 -0.73 0.00	72.14 -0.51 0.00	80.23 -1.55 0.00	80.26 -3.17 9.91	72.45 -4.18 30.52	80.42 -3.71 21.88	81.07 -2.91 23.68	81.42 -1.71 6.62	78.84 0.47 0.00	72.22 0.50 0.00	66.22 0.46 0.00	59.91 1.46 0.00
QUAKERRD_115KV_BK1 80622	46.81 -0.19 0.00	41.84 -0.47 0.00	37.56 -0.65 0.00	35.64 -0.65 0.00	35.82 -0.73 0.00	37.52 -0.77 0.00	42.84 -1.28 0.00	44.48 -1.57 0.00	48.49 -1.92 0.00	51.63 -1.54 0.00	57.45 -1.47 0.00	63.17 -1.22 0.00	65.22 -1.20 0.00	71.34 -1.31 0.00	80.39 -1.39 0.00	90.73 -2.61 0.00	104.47 -2.68 0.00	103.46 -2.54 0.00	105.29 -2.37 0.00	87.86 -1.88 0.00	76.95 -1.41 0.00	70.06 -1.65 0.00	64.31 -1.45 0.00	56.75 -1.69 0.00
QUENSBRY_115KV_TB8 356137	49.87 2.87 0.00	44.85 2.54 0.00	40.46 2.25 0.00	38.43 2.14 0.00	38.78 2.23 0.00	40.69 2.41 0.00	46.45 2.34 0.00	48.63 2.58 0.00	53.48 3.07 0.00	56.04 2.87 0.00	61.70 2.77 0.00	67.42 3.03 0.00	69.14 2.72 0.00	75.84 3.20 0.00	86.36 4.58 0.00	119.75 5.88 -20.52	139.83 6.96 -25.72	251.64 7.63 -138.01	270.98 8.40 -154.92	270.76 7.00 -174.01	339.42 6.50 -254.55	225.88 5.81 -148.36	70.82 5.06 0.00	62.24 3.80 0.00
RAMAPO___LBMP 323565	49.12 2.12 0.00	44.42 2.12 0.00	40.12 1.91 0.00	38.14 1.85 0.00	38.41 1.86 0.00	40.20 1.91 0.00	46.19 2.07 0.00	48.44 2.39 0.00	52.98 2.57 0.00	55.89 2.71 0.00	61.93 3.01 0.00	67.48 3.09 0.00	70.40 3.98 0.00	76.79 4.14 0.00	87.59 5.81 0.00	106.11 7.93 -4.83	122.52 9.32 -6.05	146.99 9.01 -31.97	138.70 8.61 -22.43	111.78 6.73 -15.30	104.29 4.07 -21.85	88.74 3.30 -13.73	68.85 3.09 0.00	60.55 2.10 0.00
RANKINE___ 23646	47.24 0.24 0.00	42.10 -0.21 0.00	37.56 -0.65 0.00	35.75 -0.54 0.00	35.78 -0.77 0.00	37.52 -0.77 0.00	42.48 -1.63 0.00	43.56 -2.49 0.00	47.48 -2.92 0.00	50.73 -2.45 0.00	56.51 -2.42 0.00	62.33 -2.06 0.00	64.15 -2.26 0.00	70.18 -2.47 0.00	78.84 -2.94 0.00	88.03 -5.32 0.00	102.22 -4.93 0.00	104.77 -5.19 -3.97	106.88 -4.84 -4.07	87.41 -3.32 -0.98	76.01 -2.35 0.00	68.92 -2.80 0.00	63.85 -1.91 0.00	56.40 -2.05 0.00
RAVENSWOOD_GT2_1 24244	49.92 2.91 0.00	45.10 2.79 0.00	40.69 2.48 0.00	38.65 2.36 0.00	38.96 2.41 0.00	40.73 2.45 0.00	46.94 2.82 0.00	49.36 3.32 0.00	53.88 3.48 0.00	56.90 3.72 0.00	62.93 4.01 0.00	68.39 3.99 0.00	71.39 4.98 0.00	77.66 5.01 0.00	88.73 6.95 0.00	108.30 9.61 -5.34	124.99 11.14 -6.70	150.67 10.71 -33.96	147.58 10.23 -29.70	118.53 7.99 -20.79	108.15 4.94 -24.84	90.00 3.94 -14.34	69.44 3.68 0.00	61.25 2.81 0.00
RAVENSWOOD_GT2_2 24245	49.92 2.91 0.00	45.10 2.79 0.00	40.69 2.48 0.00	38.65 2.36 0.00	38.96 2.41 0.00	40.73 2.45 0.00	46.94 2.82 0.00	49.36 3.32 0.00	53.88 3.48 0.00	56.90 3.72 0.00	62.93 4.01 0.00	68.39 3.99 0.00	71.39 4.98 0.00	77.66 5.01 0.00	88.73 6.95 0.00	108.30 9.61 -5.34	124.99 11.14 -6.70	150.67 10.71 -33.96	147.58 10.23 -29.70	118.53 7.99 -20.79	108.15 4.94 -24.84	90.00 3.94 -14.34	69.44 3.68 0.00	61.25 2.81 0.00

RAVENSWOOD_GT2_3 24246	49.96 2.96 0.00	45.14 2.83 0.00	40.69 2.48 0.00	38.65 2.36 0.00	39.00 2.45 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.36 3.32 0.00	53.93 3.53 0.00	56.95 3.78 0.00	62.99 4.07 0.00	68.45 4.06 0.00	71.46 5.05 0.00	77.66 5.01 0.00	88.73 6.95 0.00	108.40 9.71 -5.34	124.99 11.14 -6.70	150.78 10.81 -33.96	147.69 10.34 -29.70	118.62 8.08 -20.79	108.15 4.94 -24.84	90.07 4.02 -14.34	69.50 3.75 0.00	61.31 2.86 0.00
RAVENSWOOD_GT2_4 24247	49.96 2.96 0.00	45.14 2.83 0.00	40.69 2.48 0.00	38.65 2.36 0.00	39.00 2.45 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.36 3.32 0.00	53.93 3.53 0.00	56.95 3.78 0.00	62.99 4.07 0.00	68.45 4.06 0.00	71.46 5.05 0.00	77.66 5.01 0.00	88.73 6.95 0.00	108.40 9.71 -5.34	124.99 11.14 -6.70	150.78 10.81 -33.96	147.69 10.34 -29.70	118.62 8.08 -20.79	108.15 4.94 -24.84	90.07 4.02 -14.34	69.50 3.75 0.00	61.31 2.86 0.00
RAVENSWOOD_GT3_1 24248	49.92 2.91 0.00	45.10 2.79 0.00	40.69 2.48 0.00	38.65 2.36 0.00	38.96 2.41 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.36 3.32 0.00	53.88 3.48 0.00	56.90 3.72 0.00	62.93 4.01 0.00	68.39 3.99 0.00	71.39 4.98 0.00	77.66 5.01 0.00	88.73 6.95 0.00	108.30 9.61 -5.34	124.99 11.14 -6.70	150.67 10.71 -33.96	147.58 10.23 -29.70	118.53 7.99 -20.79	108.15 4.94 -24.84	90.00 3.94 -14.34	69.50 3.75 0.00	61.31 2.86 0.00
RAVENSWOOD_GT3_2 24249	49.92 2.91 0.00	45.10 2.79 0.00	40.69 2.48 0.00	38.65 2.36 0.00	38.96 2.41 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.36 3.32 0.00	53.88 3.48 0.00	56.90 3.72 0.00	62.93 4.01 0.00	68.39 3.99 0.00	71.39 4.98 0.00	77.66 5.01 0.00	88.73 6.95 0.00	108.30 9.61 -5.34	124.99 11.14 -6.70	150.67 10.71 -33.96	147.58 10.23 -29.70	118.53 7.99 -20.79	108.15 4.94 -24.84	90.00 3.94 -14.34	69.50 3.75 0.00	61.31 2.86 0.00
RAVENSWOOD_GT3_3 24250	50.01 3.01 0.00	45.18 2.88 0.00	40.77 2.56 0.00	38.72 2.43 0.00	39.04 2.49 0.00	40.81 2.53 0.00	47.03 2.91 0.00	49.41 3.36 0.00	53.98 3.58 0.00	57.00 3.83 0.00	63.11 4.18 0.00	68.52 4.12 0.00	71.53 5.11 0.00	77.81 5.16 0.00	88.89 7.11 0.00	108.49 9.80 -5.34	125.21 11.36 -6.70	150.99 11.02 -33.96	147.90 10.55 -29.70	118.70 8.17 -20.79	108.30 5.09 -24.84	90.14 4.09 -14.34	69.64 3.88 0.00	61.43 2.98 0.00
RAVENSWOOD_GT3_4 24251	50.01 3.01 0.00	45.18 2.88 0.00	40.77 2.56 0.00	38.72 2.43 0.00	39.04 2.49 0.00	40.81 2.53 0.00	47.03 2.91 0.00	49.41 3.36 0.00	53.98 3.58 0.00	57.00 3.83 0.00	63.11 4.18 0.00	68.52 4.12 0.00	71.53 5.11 0.00	77.81 5.16 0.00	88.89 7.11 0.00	108.49 9.80 -5.34	125.21 11.36 -6.70	150.99 11.02 -33.96	147.90 10.55 -29.70	118.70 8.17 -20.79	108.30 5.09 -24.84	90.14 4.09 -14.34	69.64 3.88 0.00	61.43 2.98 0.00
RAVENSWOOD_GT_1 23729	50.01 3.01 0.00	45.23 2.92 0.00	40.77 2.56 0.00	38.72 2.43 0.00	39.04 2.49 0.00	40.77 2.49 0.00	47.03 2.91 0.00	49.46 3.41 0.00	53.88 3.48 0.00	56.90 3.72 0.00	62.87 3.95 0.00	68.19 3.80 0.01	71.19 4.78 0.01	77.44 4.79 0.01	88.48 6.71 0.01	108.21 9.52 -5.34	124.67 10.82 -6.70	150.57 10.60 -33.96	147.25 9.90 -29.69	118.25 7.72 -20.78	107.91 4.70 -24.84	89.77 3.73 -14.33	69.30 3.55 0.01	61.07 2.63 0.01
RAVENSWOOD_GT_10 24258	49.92 2.91 0.00	45.10 2.79 0.00	40.69 2.48 0.00	38.65 2.36 0.00	38.96 2.41 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.36 3.32 0.00	53.93 3.53 0.00	56.90 3.72 0.00	62.99 4.07 0.00	68.45 4.06 0.00	71.39 4.98 0.00	77.66 5.01 0.00	88.73 6.95 0.00	108.30 9.61 -5.34	124.99 11.14 -6.70	150.78 10.81 -33.96	147.58 10.23 -29.70	118.52 7.99 -20.79	108.15 4.94 -24.84	90.07 4.02 -14.34	69.50 3.75 0.00	61.31 2.86 0.00
RAVENSWOOD_GT_11 24259	49.92 2.91 0.00	45.10 2.79 0.00	40.69 2.48 0.00	38.65 2.36 0.00	38.96 2.41 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.36 3.32 0.00	53.93 3.53 0.00	56.90 3.72 0.00	62.99 4.07 0.00	68.45 4.06 0.00	71.39 4.98 0.00	77.66 5.01 0.00	88.73 6.95 0.00	108.30 9.61 -5.34	124.99 11.14 -6.70	150.78 10.81 -33.96	147.58 10.23 -29.70	118.52 7.99 -20.79	108.15 4.94 -24.84	90.07 4.02 -14.34	69.50 3.75 0.00	61.31 2.86 0.00
RAVENSWOOD_GT_4 24252	49.92 2.91 0.00	45.10 2.79 0.00	40.69 2.48 0.00	38.65 2.36 0.00	38.96 2.41 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.36 3.32 0.00	53.93 3.53 0.00	56.95 3.78 0.00	62.99 4.07 0.00	68.51 4.12 0.00	71.46 5.05 0.00	77.73 5.09 0.01	88.81 7.03 0.01	108.40 9.71 -5.34	125.10 11.25 -6.70	150.78 10.81 -33.96	147.68 10.34 -29.69	118.61 8.08 -20.78	108.22 5.02 -24.84	90.13 4.09 -14.33	69.56 3.81 0.01	61.36 2.92 0.00
RAVENSWOOD_GT_5 24254	49.92 2.91 0.00	45.10 2.79 0.00	40.69 2.48 0.00	38.65 2.36 0.00	38.96 2.41 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.36 3.32 0.00	53.93 3.53 0.00	56.95 3.78 0.00	62.99 4.07 0.00	68.51 4.12 0.00	71.46 5.05 0.00	77.73 5.09 0.01	88.81 7.03 0.01	108.40 9.71 -5.34	125.10 11.25 -6.70	150.78 10.81 -33.96	147.68 10.34 -29.69	118.61 8.08 -20.78	108.22 5.02 -24.84	90.13 4.09 -14.33	69.56 3.81 0.01	61.36 2.92 0.00
RAVENSWOOD_GT_6 24253	49.92 2.91 0.00	45.10 2.79 0.00	40.69 2.48 0.00	38.65 2.36 0.00	38.96 2.41 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.36 3.32 0.00	53.93 3.53 0.00	56.95 3.78 0.00	62.99 4.07 0.00	68.51 4.12 0.00	71.46 5.05 0.00	77.73 5.09 0.01	88.81 7.03 0.01	108.40 9.71 -5.34	125.10 11.25 -6.70	150.78 10.81 -33.96	147.68 10.34 -29.69	118.61 8.08 -20.78	108.22 5.02 -24.84	90.13 4.09 -14.33	69.56 3.81 0.01	61.36 2.92 0.00
RAVENSWOOD_GT_7 24255	49.92 2.91 0.00	45.10 2.79 0.00	40.69 2.48 0.00	38.65 2.36 0.00	38.96 2.41 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.36 3.32 0.00	53.93 3.53 0.00	56.95 3.78 0.00	62.99 4.07 0.00	68.51 4.12 0.00	71.46 5.05 0.00	77.73 5.09 0.01	88.81 7.03 0.01	108.40 9.71 -5.34	125.10 11.25 -6.70	150.78 10.81 -33.96	147.68 10.34 -29.69	118.61 8.08 -20.78	108.22 5.02 -24.84	90.13 4.09 -14.33	69.56 3.81 0.01	61.36 2.92 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	49.92 2.91 0.00	45.10 2.79 0.00	40.69 2.48 0.00	38.65 2.36 0.00	38.96 2.41 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.36 3.32 0.00	53.93 3.53 0.00	56.90 3.72 0.00	62.99 4.07 0.00	68.45 4.06 0.00	71.39 4.98 0.00	77.66 5.01 0.00	88.73 6.95 0.00	108.30 9.61 -5.34	124.99 11.14 -6.70	150.78 10.81 -33.96	147.58 10.23 -29.70	118.52 7.99 -20.79	108.15 4.94 -24.84	90.07 4.02 -14.34	69.50 3.75 0.00	61.31 2.86 0.00
RAVENSWOOD_GT_9 24257	49.92 2.91 0.00	45.10 2.79 0.00	40.69 2.48 0.00	38.65 2.36 0.00	38.96 2.41 0.00	40.77 2.49 0.00	46.98 2.87 0.00	49.36 3.32 0.00	53.93 3.53 0.00	56.90 3.72 0.00	62.99 4.07 0.00	68.45 4.06 0.00	71.39 4.98 0.00	77.66 5.01 0.00	88.73 6.95 0.00	108.30 9.61 -5.34	124.99 11.14 -6.70	150.78 10.81 -33.96	147.58 10.23 -29.70	118.52 7.99 -20.79	108.15 4.94 -24.84	90.07 4.02 -14.34	69.50 3.75 0.00	61.31 2.86 0.00

RAVENSWOOD___1 23533	49.97 2.96 0.00	45.19 2.88 0.00	40.73 2.52 0.00	38.65 2.36 0.00	38.96 2.41 0.00	40.73 2.45 0.00	46.94 2.83 0.00	49.37 3.32 0.00	53.78 3.38 0.00	56.89 3.72 0.00	62.75 3.83 0.00	68.12 3.73 0.01	71.12 4.72 0.01	77.29 4.65 0.01	88.48 6.71 0.01	108.11 9.42 -5.34	124.56 10.71 -6.70	150.56 10.60 -33.96	147.14 9.80 -29.69	118.15 7.62 -20.78	107.82 4.62 -24.84	89.84 3.80 -14.33	69.23 3.48 0.01	60.95 2.51 0.01
RAVENSWOOD___2 23534	49.87 2.87 0.00	45.10 2.79 0.00	40.62 2.41 0.00	38.58 2.29 0.00	38.89 2.34 0.00	40.66 2.37 0.00	46.85 2.74 0.00	49.27 3.22 0.00	53.68 3.27 0.00	56.74 3.56 0.00	62.58 3.65 0.00	67.67 3.28 0.01	70.59 4.19 0.01	76.63 3.99 0.01	87.74 5.97 0.01	107.37 8.68 -5.34	123.70 9.85 -6.70	149.61 9.65 -33.96	146.28 8.93 -29.69	117.44 6.91 -20.78	107.20 3.99 -24.84	89.20 3.15 -14.33	68.77 3.03 0.01	60.83 2.40 0.01
RAVENSWOOD___3 23535	49.92 2.92 0.00	45.10 2.79 0.00	40.66 2.45 0.00	38.65 2.36 0.00	38.93 2.37 0.00	40.73 2.45 0.00	46.94 2.83 0.00	49.27 3.22 0.00	53.83 3.43 0.00	56.89 3.72 0.00	62.87 3.95 0.00	68.39 3.99 0.00	71.40 4.98 0.00	77.59 4.94 0.00	88.73 6.95 0.00	108.31 9.62 -5.34	124.99 11.14 -6.70	150.78 10.82 -33.96	147.59 10.23 -29.70	118.52 7.98 -20.79	108.15 4.94 -24.84	90.07 4.01 -14.34	69.50 3.75 0.00	61.19 2.75 0.00
RAVENSWOOD___4 23820	49.92 2.92 0.00	45.14 2.83 0.00	40.69 2.48 0.00	38.65 2.36 0.00	38.93 2.37 0.00	40.69 2.41 0.00	46.90 2.78 0.00	49.32 3.27 0.00	53.73 3.33 0.00	56.84 3.67 0.00	62.70 3.77 0.00	68.12 3.73 0.01	71.12 4.72 0.01	77.22 4.58 0.01	88.39 6.62 0.01	108.02 9.33 -5.34	124.56 10.71 -6.70	150.46 10.50 -33.96	147.14 9.80 -29.69	118.15 7.62 -20.78	107.82 4.62 -24.84	89.77 3.73 -14.33	69.16 3.42 0.01	60.95 2.51 0.01
RCPL_TRUST___DRP 24196	49.96 2.96 0.00	45.14 2.83 0.00	40.73 2.52 0.00	38.69 2.40 0.00	39.00 2.45 0.00	40.81 2.53 0.00	47.03 2.91 0.00	49.46 3.41 0.00	54.03 3.63 0.00	57.06 3.88 0.00	63.17 4.24 0.00	68.64 4.25 0.00	71.66 5.25 0.00	78.02 5.38 0.00	89.14 7.36 0.00	108.77 10.08 -5.34	125.53 11.68 -6.70	151.20 11.24 -33.96	148.12 10.77 -29.69	118.88 8.35 -20.79	108.46 5.25 -24.84	90.28 4.23 -14.34	69.64 3.88 0.00	61.43 2.98 0.00
RED___ROCHESTER 323720	48.41 1.41 0.00	43.20 0.89 0.00	38.67 0.46 0.00	36.69 0.40 0.00	36.88 0.33 0.00	38.59 0.30 0.00	43.98 -0.13 0.00	45.63 -0.42 0.00	49.75 -0.66 0.00	52.91 -0.26 0.00	58.98 0.06 0.00	64.91 0.51 0.00	67.01 0.60 0.00	73.59 0.94 0.00	82.60 0.82 0.00	92.97 -0.37 0.00	107.15 0.00 0.00	106.22 0.21 0.00	107.98 0.32 0.00	90.20 0.45 0.00	79.15 0.78 0.00	71.86 0.14 0.00	66.09 0.33 0.00	58.50 0.06 0.00
REGAN___SOLAR 323812	51.66 4.65 0.00	46.41 4.10 0.00	41.80 3.59 0.00	39.67 3.38 0.00	40.10 3.54 0.00	42.11 3.83 0.00	48.09 3.97 0.00	50.01 3.96 0.00	54.64 4.23 0.00	57.16 3.99 0.00	63.58 4.65 0.00	69.42 5.03 0.00	71.46 5.04 0.00	78.39 5.74 0.00	88.89 7.11 0.00	113.23 8.49 -11.39	131.39 9.97 -14.27	233.32 10.60 -116.71	247.90 11.30 -128.94	253.51 10.05 -153.71	330.82 9.16 -243.29	225.94 8.17 -146.05	73.05 7.30 0.00	64.23 5.79 0.00
RENSSELAER___COGEN 23796	47.71 0.71 0.00	43.03 0.72 0.00	38.93 0.72 0.00	37.02 0.73 0.00	37.32 0.77 0.00	39.05 0.77 0.00	44.78 0.66 0.00	46.78 0.73 0.00	51.31 0.91 0.00	53.92 0.74 0.00	59.75 0.82 0.00	65.23 0.83 0.00	67.41 1.00 0.00	73.59 0.94 0.00	83.74 1.96 0.00	0.33 2.90 95.91	-9.62 3.43 120.20	-32.89 3.39 142.29	-41.43 3.12 152.21	1.63 2.42 90.54	137.41 1.18 -57.86	151.64 1.00 -78.92	66.80 1.05 0.00	58.91 0.47 0.00
REPUBLIC_115KV_BARTNBRK 55605	52.31 5.31 0.00	46.92 4.61 0.00	42.11 3.90 0.00	39.99 3.70 0.00	40.46 3.91 0.00	42.53 4.25 0.00	48.44 4.32 0.00	50.79 4.74 0.00	55.90 5.49 0.00	58.44 5.26 0.00	64.52 5.60 0.00	70.38 5.99 0.00	71.59 5.18 0.00	78.75 6.10 0.00	89.88 8.10 0.00	123.95 10.08 -20.52	144.76 11.89 -25.72	257.47 13.46 -138.01	277.01 14.43 -154.92	276.05 12.30 -174.01	344.90 11.99 -254.55	230.90 10.83 -148.36	75.16 9.40 0.00	65.75 7.31 0.00
REVERE_CPPR_DRP 24186	48.93 1.93 0.00	44.08 1.78 0.00	39.58 1.38 0.00	37.52 1.23 0.00	37.87 1.32 0.00	39.77 1.49 0.00	45.79 1.68 0.00	47.80 1.75 0.00	52.32 1.92 0.00	55.09 1.91 0.00	61.11 2.18 0.00	67.10 2.70 0.00	69.34 2.92 0.00	76.21 3.56 0.00	86.03 4.25 0.00	98.90 4.95 -0.61	117.66 6.00 -4.51	113.38 6.04 -1.34	116.00 6.89 -1.45	96.26 6.10 -0.41	83.54 5.17 0.00	76.23 4.52 0.00	69.44 3.68 0.00	61.43 2.98 0.00
REYNLDPA_13_KV_LD 356490	46.63 -0.38 0.00	41.93 -0.38 0.00	37.86 -0.34 0.00	35.93 -0.36 0.00	36.15 -0.40 0.00	37.86 -0.42 0.00	43.90 -0.22 0.00	45.82 -0.23 0.00	50.10 -0.30 0.00	52.91 -0.27 0.00	58.51 -0.41 0.00	63.88 -0.52 0.00	65.48 -0.93 0.00	71.70 -0.94 0.00	79.98 -1.80 0.00	90.17 -2.61 0.56	92.14 -3.32 11.69	101.58 -3.18 1.25	103.29 -3.01 1.35	86.95 -2.42 0.38	77.35 -1.02 0.00	70.85 -0.86 0.00	65.10 -0.66 0.00	58.44 0.00 0.00
REYNOLDS_115KV_TB3 80639	48.22 1.22 0.00	43.45 1.14 0.00	39.36 1.15 0.00	37.42 1.12 0.00	37.72 1.17 0.00	39.47 1.19 0.00	45.22 1.10 0.00	47.24 1.20 0.00	51.87 1.46 0.00	54.45 1.28 0.00	60.34 1.41 0.00	65.87 1.48 0.00	68.21 1.79 0.00	74.54 1.89 0.00	84.72 2.94 0.00	159.58 4.01 -62.22	189.95 4.82 -77.98	304.72 4.66 -194.05	338.67 4.52 -226.49	294.83 3.50 -201.58	271.46 2.12 -190.98	161.23 1.86 -87.65	67.53 1.78 0.00	59.61 1.17 0.00
RIVERBAY____ 323610	50.81 3.81 0.00	45.95 3.64 0.00	41.42 3.21 0.00	39.23 2.94 0.00	39.55 3.00 0.00	41.34 3.06 0.00	47.56 3.44 0.00	50.01 3.96 0.00	54.39 3.98 0.00	57.48 4.31 0.00	63.35 4.42 0.00	68.77 4.38 0.01	71.85 5.45 0.01	78.38 5.74 0.01	89.54 7.77 0.01	109.61 10.92 -5.34	126.28 12.43 -6.70	152.48 12.51 -33.97	149.30 11.95 -29.69	119.86 9.33 -20.78	109.31 6.11 -24.84	91.06 5.02 -14.33	70.42 4.67 0.01	61.89 3.45 0.01
RIVERSDE_115KV_TB3 55908	48.08 1.08 0.00	43.32 1.02 0.00	39.20 0.99 0.00	37.27 0.98 0.00	37.57 1.02 0.00	39.31 1.03 0.00	45.09 0.97 0.00	47.11 1.06 0.00	51.72 1.31 0.00	54.29 1.12 0.00	60.22 1.30 0.00	65.75 1.35 0.00	68.01 1.59 0.00	74.32 1.67 0.00	84.48 2.70 0.00	122.69 3.73 -25.61	143.64 4.39 -32.09	228.21 4.35 -117.86	251.37 4.09 -139.63	228.88 3.14 -135.99	245.24 1.88 -165.00	162.21 1.65 -88.85	67.33 1.58 0.00	59.44 0.99 0.00
ROARING___BROOK_WT_PWR 323790	46.25 -0.75 0.00	41.55 -0.76 0.00	37.44 -0.76 0.00	35.56 -0.73 0.00	35.78 -0.77 0.00	37.48 -0.81 0.00	43.28 -0.84 0.00	45.26 -0.78 0.00	49.65 -0.75 0.00	52.43 -0.74 0.00	58.16 -0.77 0.00	63.49 -0.90 0.00	65.42 -0.99 0.00	71.63 -1.02 0.00	80.56 -1.22 0.00	92.04 -1.31 0.00	101.91 -1.40 3.85	104.74 -1.27 0.00	106.58 -1.08 0.00	88.94 -0.81 0.00	77.82 -0.54 0.00	71.22 -0.50 0.00	65.30 -0.46 0.00	58.15 -0.29 0.00

ROCHESRG_115KV_T4 355643	47.61 0.61 0.00	42.52 0.21 0.00	38.13 -0.08 0.00	36.18 -0.11 0.00	36.37 -0.18 0.00	38.05 -0.23 0.00	43.37 -0.75 0.00	44.90 -1.15 0.00	48.89 -1.51 0.00	52.11 -1.06 0.00	57.98 -0.94 0.00	63.75 -0.64 0.00	65.82 -0.60 0.00	71.99 -0.65 0.00	81.04 -0.74 0.00	91.29 -2.05 0.00	105.22 -1.93 0.00	104.31 -1.70 0.00	106.04 -1.61 0.00	88.67 -1.08 0.00	77.74 -0.63 0.00	70.71 -1.00 0.00	64.97 -0.79 0.00	57.45 -0.99 0.00
ROCHESTER_9_IC 23652	47.94 0.94 0.00	42.86 0.55 0.00	38.40 0.19 0.00	36.44 0.15 0.00	36.62 0.07 0.00	38.32 0.04 0.00	43.63 -0.49 0.00	45.22 -0.83 0.00	49.30 -1.11 0.00	52.54 -0.64 0.00	58.45 -0.47 0.00	64.39 0.00 0.00	66.48 0.07 0.00	72.72 0.07 0.00	81.86 0.08 0.00	92.13 -1.21 0.00	106.29 -0.86 0.00	105.26 -0.74 0.00	107.12 -0.54 0.00	89.48 -0.27 0.00	78.44 0.08 0.00	71.43 -0.29 0.00	65.56 -0.20 0.00	57.86 -0.58 0.00
ROCKVIEW_13_KV_LD 356306	49.92 2.91 0.00	45.14 2.83 0.00	40.73 2.52 0.00	38.69 2.40 0.00	39.00 2.45 0.00	40.81 2.53 0.00	46.94 2.82 0.00	49.27 3.22 0.00	53.88 3.48 0.00	56.84 3.67 0.00	62.99 4.07 0.00	68.64 4.25 0.00	71.73 5.31 0.00	78.17 5.52 0.00	89.30 7.52 0.00	108.77 10.08 -5.34	125.63 11.79 -6.70	151.41 11.45 -33.96	148.44 11.09 -29.70	119.15 8.62 -20.79	108.69 5.49 -24.84	90.43 4.37 -14.34	69.70 3.95 0.00	61.43 2.98 0.00
ROME____115KV_TB2 80656	48.93 1.93 0.00	44.08 1.78 0.00	39.58 1.38 0.00	37.52 1.23 0.00	37.87 1.32 0.00	39.77 1.49 0.00	45.79 1.68 0.00	47.80 1.75 0.00	52.32 1.92 0.00	55.09 1.91 0.00	61.11 2.18 0.00	67.10 2.70 0.00	69.34 2.92 0.00	76.21 3.56 0.00	86.03 4.25 0.00	98.90 4.95 -0.61	117.66 6.00 -4.51	113.38 6.04 -1.34	116.00 6.89 -1.45	96.26 6.10 -0.41	83.54 5.17 0.00	76.23 4.52 0.00	69.44 3.68 0.00	61.43 2.98 0.00
ROSETON___1 23587	48.98 1.97 0.00	44.25 1.95 0.00	39.97 1.76 0.00	38.00 1.71 0.00	38.31 1.75 0.00	40.08 1.80 0.00	46.06 1.94 0.00	48.21 2.16 0.00	52.78 2.37 0.00	55.62 2.45 0.00	61.58 2.65 0.00	67.16 2.77 0.00	69.93 3.52 0.00	76.28 3.63 0.00	87.02 5.24 0.00	105.19 7.09 -4.76	121.47 8.36 -5.96	146.57 8.05 -32.52	138.55 7.76 -23.14	111.38 6.01 -15.62	104.23 3.68 -22.18	88.66 3.01 -13.93	68.52 2.76 0.00	60.26 1.81 0.00
ROSETON___2 23588	48.98 1.97 0.00	44.25 1.95 0.00	39.97 1.76 0.00	38.00 1.71 0.00	38.31 1.75 0.00	40.08 1.80 0.00	46.06 1.94 0.00	48.21 2.16 0.00	52.78 2.37 0.00	55.62 2.45 0.00	61.58 2.65 0.00	67.16 2.77 0.00	69.93 3.52 0.00	76.28 3.63 0.00	87.02 5.24 0.00	105.19 7.09 -4.76	121.47 8.36 -5.96	146.57 8.05 -32.52	138.55 7.76 -23.14	111.38 6.01 -15.62	104.23 3.68 -22.18	88.66 3.01 -13.93	68.52 2.76 0.00	60.26 1.81 0.00
ROTTRDAM_115KV_TB3 80664	48.60 1.60 0.00	43.79 1.48 0.00	39.58 1.38 0.00	37.63 1.34 0.00	37.90 1.35 0.00	39.70 1.42 0.00	45.53 1.41 0.00	47.52 1.47 0.00	52.07 1.66 0.00	54.72 1.54 0.00	60.63 1.71 0.00	66.20 1.80 0.00	68.47 2.06 0.00	74.90 2.25 0.00	84.97 3.19 0.00	109.84 4.01 -12.48	127.50 4.71 -15.64	238.01 4.77 -127.24	253.28 4.84 -140.78	262.25 4.04 -168.46	348.23 3.06 -266.81	234.58 2.73 -160.15	68.25 2.50 0.00	60.32 1.87 0.00
RUSSELL___1 23602	48.27 1.27 0.00	43.11 0.80 0.00	38.63 0.42 0.00	36.62 0.33 0.00	36.81 0.26 0.00	38.51 0.23 0.00	43.90 -0.22 0.00	45.50 -0.55 0.00	49.60 -0.81 0.00	52.91 -0.27 0.00	58.93 0.00 0.00	64.91 0.52 0.00	67.01 0.60 0.00	73.37 0.73 0.00	82.60 0.82 0.00	92.97 -0.37 0.00	107.15 0.00 0.00	106.22 0.21 0.00	107.98 0.32 0.00	90.20 0.45 0.00	79.15 0.78 0.00	72.00 0.29 0.00	66.08 0.33 0.00	58.27 -0.18 0.00
RUSSELL___2 23532	48.27 1.27 0.00	43.11 0.80 0.00	38.63 0.42 0.00	36.62 0.33 0.00	36.81 0.26 0.00	38.51 0.23 0.00	43.90 -0.22 0.00	45.50 -0.55 0.00	49.60 -0.81 0.00	52.91 -0.27 0.00	58.93 0.00 0.00	64.91 0.52 0.00	67.01 0.60 0.00	73.37 0.73 0.00	82.60 0.82 0.00	92.97 -0.37 0.00	107.15 0.00 0.00	106.22 0.21 0.00	107.98 0.32 0.00	90.20 0.45 0.00	79.15 0.78 0.00	72.00 0.29 0.00	66.08 0.33 0.00	58.27 -0.18 0.00
RUSSELL___3 23549	48.27 1.27 0.00	43.11 0.80 0.00	38.63 0.42 0.00	36.62 0.33 0.00	36.81 0.26 0.00	38.51 0.23 0.00	43.90 -0.22 0.00	45.50 -0.55 0.00	49.60 -0.81 0.00	52.91 -0.27 0.00	58.93 0.00 0.00	64.91 0.52 0.00	67.01 0.60 0.00	73.37 0.73 0.00	82.60 0.82 0.00	92.97 -0.37 0.00	107.15 0.00 0.00	106.22 0.21 0.00	107.98 0.32 0.00	90.20 0.45 0.00	79.15 0.78 0.00	72.00 0.29 0.00	66.08 0.33 0.00	58.27 -0.18 0.00
RUSSELL___4 23556	48.27 1.27 0.00	43.11 0.80 0.00	38.63 0.42 0.00	36.62 0.33 0.00	36.81 0.26 0.00	38.51 0.23 0.00	43.90 -0.22 0.00	45.50 -0.55 0.00	49.60 -0.81 0.00	52.91 -0.27 0.00	58.93 0.00 0.00	64.91 0.52 0.00	67.01 0.60 0.00	73.37 0.73 0.00	82.60 0.82 0.00	92.97 -0.37 0.00	107.15 0.00 0.00	106.22 0.21 0.00	107.98 0.32 0.00	90.20 0.45 0.00	79.15 0.78 0.00	72.00 0.29 0.00	66.08 0.33 0.00	58.27 -0.18 0.00
RUSSELL___STATION 23914	48.27 1.27 0.00	43.11 0.80 0.00	38.63 0.42 0.00	36.62 0.33 0.00	36.81 0.26 0.00	38.51 0.23 0.00	43.90 -0.22 0.00	45.50 -0.55 0.00	49.60 -0.81 0.00	52.91 -0.27 0.00	58.93 0.00 0.00	64.91 0.52 0.00	67.01 0.60 0.00	73.37 0.73 0.00	82.60 0.82 0.00	92.97 -0.37 0.00	107.15 0.00 0.00	106.22 0.21 0.00	107.98 0.32 0.00	90.20 0.45 0.00	79.15 0.78 0.00	72.00 0.29 0.00	66.08 0.33 0.00	58.27 -0.18 0.00
S SALMON___HYD 24043	47.42 0.42 0.00	42.61 0.30 0.00	38.32 0.11 0.00	36.36 0.07 0.00	36.62 0.07 0.00	38.43 0.15 0.00	44.25 0.13 0.00	46.19 0.14 0.00	50.51 0.10 0.00	53.28 0.11 0.00	58.98 0.06 0.00	64.46 0.06 0.00	66.48 0.07 0.00	72.87 0.22 0.00	82.11 0.33 0.00	94.33 0.28 -0.70	112.91 0.32 -5.44	107.98 0.43 -1.55	110.41 1.08 -1.68	91.65 1.43 -0.47	79.46 1.10 0.00	72.58 0.86 0.00	66.35 0.59 0.00	58.80 0.35 0.00
S.PERRY__115KV_TB1 80734	47.99 0.99 0.00	44.17 1.86 0.00	39.47 1.26 0.00	37.42 1.12 0.00	37.61 1.06 0.00	39.47 1.19 0.00	45.00 0.88 0.00	46.32 0.28 0.00	48.44 -1.97 0.00	51.31 -1.86 0.00	56.80 -2.12 0.00	62.40 -2.00 0.00	64.49 -1.93 0.00	70.76 -1.89 0.00	79.98 -1.80 0.00	90.27 -3.08 0.00	104.79 -2.36 0.00	108.35 -1.80 -4.15	111.59 -0.32 -4.26	91.50 0.72 -1.03	79.62 1.25 0.00	72.57 0.86 0.00	66.41 0.66 0.00	58.27 -0.18 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	47.10 0.09 0.00	41.97 -0.34 0.00	37.48 -0.73 0.00	35.64 -0.65 0.00	35.71 -0.84 0.00	37.36 -0.92 0.00	42.26 -1.85 0.00	43.28 -2.76 0.00	47.08 -3.33 0.00	50.36 -2.82 0.00	56.04 -2.89 0.00	61.82 -2.58 0.00	63.62 -2.79 0.00	69.45 -3.20 0.00	78.10 -3.68 0.00	87.09 -6.25 0.00	101.15 -6.00 0.00	103.50 -6.25 -3.75	105.59 -5.92 -3.85	86.37 -4.31 -0.93	75.23 -3.13 0.00	68.20 -3.51 0.00	63.19 -2.56 0.00	55.93 -2.51 0.00

SAWYER___23_KV_LOAD 55526	47.10 0.09 0.00	41.97 -0.34 0.00	37.48 -0.73 0.00	35.64 -0.65 0.00	35.71 -0.84 0.00	37.36 -0.92 0.00	42.26 -1.85 0.00	43.28 -2.76 0.00	47.08 -3.33 0.00	50.36 -2.82 0.00	56.04 -2.89 0.00	61.82 -2.58 0.00	63.62 -2.79 0.00	69.45 -3.20 0.00	78.10 -3.68 0.00	87.09 -6.25 0.00	101.15 -6.00 0.00	103.50 -6.25 -3.75	105.59 -5.92 -3.85	86.37 -4.31 -0.93	75.23 -3.13 0.00	68.20 -3.51 0.00	63.19 -2.56 0.00	55.93 -2.51 0.00
SELKIRK___I 23801	48.27 1.27 0.00	43.54 1.23 0.00	39.39 1.19 0.00	37.45 1.16 0.00	37.76 1.20 0.00	39.51 1.22 0.00	45.22 1.10 0.00	47.15 1.10 0.00	51.67 1.26 0.00	54.29 1.12 0.00	60.10 1.18 0.00	65.61 1.22 0.00	67.67 1.26 0.00	72.57 -0.07 0.00	82.51 0.73 0.00	46.86 1.40 47.89	48.85 1.71 60.01	55.50 1.69 52.19	53.90 1.62 55.38	65.02 1.16 25.89	138.25 0.31 -59.57	130.42 0.29 -58.41	66.15 0.40 0.00	58.44 0.00 0.00
SELKIRK___II 23799	47.94 0.94 0.00	43.20 0.89 0.00	39.12 0.92 0.00	37.20 0.91 0.00	37.46 0.91 0.00	39.20 0.92 0.00	45.00 0.88 0.00	46.97 0.92 0.00	51.51 1.11 0.00	54.13 0.96 0.00	59.99 1.06 0.00	65.49 1.09 0.00	67.47 1.06 0.00	73.52 0.87 0.00	83.58 1.80 0.00	40.52 2.71 55.53	40.77 3.21 69.59	43.20 3.08 65.88	40.77 2.91 69.79	56.96 2.24 35.03	140.41 1.02 -61.03	135.35 0.93 -62.70	66.68 0.92 0.00	58.86 0.41 0.00
SENECA OSWGO___HYD 24041	46.72 -0.28 0.00	41.93 -0.38 0.00	37.83 -0.38 0.00	35.89 -0.40 0.00	36.15 -0.40 0.00	37.90 -0.38 0.00	43.59 -0.53 0.00	45.54 -0.51 0.00	49.85 -0.55 0.00	52.69 -0.48 0.00	58.39 -0.53 0.00	63.88 -0.52 0.00	66.02 -0.40 0.00	72.29 -0.36 0.00	81.45 -0.33 0.00	93.12 -0.46 -0.23	108.40 -0.53 -1.78	105.99 -0.53 -0.52	107.90 -0.32 -0.56	89.73 -0.18 -0.16	77.98 -0.39 0.00	71.22 -0.50 0.00	65.23 -0.53 0.00	57.75 -0.70 0.00
SENECA___115KV_TB3 355854	47.33 0.33 0.00	42.18 -0.13 0.00	37.64 -0.57 0.00	35.82 -0.47 0.00	35.86 -0.69 0.00	37.55 -0.73 0.00	42.57 -1.54 0.00	43.65 -2.39 0.00	47.53 -2.87 0.00	50.83 -2.34 0.00	56.63 -2.30 0.00	62.46 -1.93 0.00	64.29 -2.13 0.00	70.32 -2.32 0.00	79.00 -2.78 0.00	88.21 -5.13 0.00	102.44 -4.71 0.00	104.99 -4.98 -3.97	107.10 -4.63 -4.07	87.59 -3.14 -0.98	76.17 -2.19 0.00	69.06 -2.65 0.00	63.98 -1.78 0.00	56.52 -1.93 0.00
SENECA___ENERGY 23797	47.66 0.66 0.00	42.64 0.34 0.00	38.32 0.11 0.00	36.36 0.07 0.00	36.62 0.07 0.00	38.47 0.19 0.00	44.21 0.09 0.00	46.09 0.05 0.00	50.41 0.00 0.00	53.39 0.21 0.00	59.22 0.30 0.00	64.97 0.58 0.00	67.14 0.73 0.00	73.66 1.02 0.00	82.92 1.14 0.00	93.91 0.56 0.00	107.91 0.76 0.00	110.04 1.06 -2.97	111.89 1.19 -3.05	91.83 1.35 -0.74	79.54 1.18 0.00	72.50 0.79 0.00	66.48 0.72 0.00	58.62 0.18 0.00
SHOEMAKER___GT 23640	48.79 1.79 0.00	44.04 1.74 0.00	39.81 1.60 0.00	37.85 1.56 0.00	38.12 1.57 0.00	39.89 1.61 0.00	45.84 1.72 0.00	47.98 1.93 0.00	52.52 2.12 0.00	55.35 2.18 0.00	61.29 2.36 0.00	66.90 2.51 0.00	69.60 3.19 0.00	75.99 3.34 0.00	86.52 4.74 0.00	103.96 6.35 -4.26	119.98 7.50 -5.34	143.01 7.31 -29.69	136.18 7.21 -21.31	109.93 5.66 -14.52	102.69 3.61 -20.72	87.74 3.01 -13.02	68.45 2.70 0.00	60.26 1.81 0.00
SHOEMAKR_138KV_BK 111 55601	48.84 1.83 0.00	44.04 1.73 0.00	39.81 1.60 0.00	37.85 1.56 0.00	38.16 1.61 0.00	39.89 1.61 0.00	45.88 1.76 0.00	48.03 1.98 0.00	52.52 2.12 0.00	55.35 2.18 0.00	61.34 2.42 0.00	66.91 2.51 0.00	69.60 3.19 0.00	76.06 3.41 0.00	86.52 4.74 0.00	103.99 6.44 -4.20	120.02 7.61 -5.26	142.85 7.42 -29.43	136.04 7.21 -21.17	109.82 5.65 -14.42	102.54 3.60 -20.57	87.58 2.94 -12.92	68.39 2.63 0.00	60.26 1.81 0.00
SHOREHAM_IC_1 23715	49.59 2.58 0.00	45.70 3.39 -0.01	41.04 2.83 -0.01	38.90 2.61 0.00	39.11 2.56 0.00	40.92 2.64 0.00	46.94 2.83 0.00	49.00 2.95 0.00	52.16 1.76 0.01	54.87 1.91 0.21	61.19 2.71 0.45	67.90 3.80 0.29	70.79 4.38 0.00	77.59 4.94 0.00	91.78 7.61 -2.39	110.01 10.92 -5.75	125.47 12.85 -5.47	221.21 12.82 -102.38	232.64 12.81 -112.18	205.40 10.32 -105.33	109.80 6.58 -24.85	90.71 4.66 -14.34	70.16 4.41 0.01	60.48 2.04 0.01
SHOREHAM_IC_2 23716	50.43 3.43 0.00	45.73 3.43 0.00	41.07 2.87 0.00	38.94 2.65 0.00	39.11 2.56 0.00	41.00 2.72 0.00	47.03 2.91 0.00	49.36 3.32 0.00	52.32 1.92 0.00	54.87 1.91 0.21	61.48 3.01 0.45	67.90 3.80 0.29	70.80 4.38 0.00	77.66 5.01 0.00	91.78 7.61 -2.39	109.92 10.83 -5.75	125.47 12.86 -5.46	221.21 12.83 -102.38	232.64 12.81 -112.17	205.39 10.32 -105.32	109.80 6.58 -24.85	90.64 4.59 -14.34	70.09 4.34 0.01	60.72 2.28 0.01
SISSONVILLE____ 23735	47.10 0.09 0.00	42.39 0.08 0.00	38.17 -0.04 0.00	36.22 -0.07 0.00	36.26 -0.29 0.00	38.01 -0.27 0.00	44.21 0.09 0.00	45.86 -0.18 0.00	49.75 -0.66 0.00	52.48 -0.69 0.00	57.87 -1.06 0.00	63.17 -1.22 0.00	64.75 -1.66 0.00	70.98 -1.67 0.00	79.08 -2.70 0.00	78.86 -4.57 9.91	69.18 -6.11 31.86	78.30 -5.83 21.87	78.59 -5.38 23.68	79.00 -4.13 6.62	76.56 -1.80 0.00	70.14 -1.58 0.00	64.57 -1.18 0.00	58.56 0.12 0.00
SITHE_IND_GS1 24169	46.01 -0.99 0.00	41.34 -0.97 0.00	37.26 -0.95 0.00	35.38 -0.91 0.00	35.64 -0.91 0.00	37.33 -0.96 0.00	42.93 -1.19 0.00	44.76 -1.29 0.00	48.99 -1.41 0.00	51.79 -1.38 0.00	57.46 -1.47 0.00	62.85 -1.55 0.00	64.89 -1.52 0.00	71.05 -1.60 0.00	80.06 -1.72 0.00	91.20 -2.14 0.00	104.69 -2.46 0.00	103.57 -2.43 0.00	105.29 -2.37 0.00	87.86 -1.89 0.00	76.57 -1.80 0.00	69.99 -1.72 0.00	64.18 -1.58 0.00	56.87 -1.58 0.00
SITHE_IND_GS2 24170	46.01 -0.99 0.00	41.34 -0.97 0.00	37.26 -0.95 0.00	35.38 -0.91 0.00	35.64 -0.91 0.00	37.33 -0.96 0.00	42.93 -1.19 0.00	44.76 -1.29 0.00	48.99 -1.41 0.00	51.79 -1.38 0.00	57.46 -1.47 0.00	62.85 -1.55 0.00	64.89 -1.52 0.00	71.05 -1.60 0.00	80.06 -1.72 0.00	91.20 -2.14 0.00	104.69 -2.46 0.00	103.57 -2.43 0.00	105.29 -2.37 0.00	87.86 -1.89 0.00	76.57 -1.80 0.00	69.99 -1.72 0.00	64.18 -1.58 0.00	56.87 -1.58 0.00
SITHE_IND_GS3 24171	46.01 -0.99 0.00	41.34 -0.97 0.00	37.26 -0.95 0.00	35.38 -0.91 0.00	35.64 -0.91 0.00	37.33 -0.96 0.00	42.93 -1.19 0.00	44.76 -1.29 0.00	48.99 -1.41 0.00	51.79 -1.38 0.00	57.46 -1.47 0.00	62.85 -1.55 0.00	64.89 -1.52 0.00	71.05 -1.60 0.00	80.06 -1.72 0.00	91.20 -2.14 0.00	104.69 -2.46 0.00	103.57 -2.43 0.00	105.29 -2.37 0.00	87.86 -1.89 0.00	76.57 -1.80 0.00	69.99 -1.72 0.00	64.18 -1.58 0.00	56.87 -1.58 0.00
SITHE_IND_GS4 24172	46.01 -0.99 0.00	41.34 -0.97 0.00	37.26 -0.95 0.00	35.38 -0.91 0.00	35.64 -0.91 0.00	37.33 -0.96 0.00	42.93 -1.19 0.00	44.76 -1.29 0.00	48.99 -1.41 0.00	51.79 -1.38 0.00	57.46 -1.47 0.00	62.85 -1.55 0.00	64.89 -1.52 0.00	71.05 -1.60 0.00	80.06 -1.72 0.00	91.20 -2.14 0.00	104.69 -2.46 0.00	103.57 -2.43 0.00	105.29 -2.37 0.00	87.86 -1.89 0.00	76.57 -1.80 0.00	69.99 -1.72 0.00	64.18 -1.58 0.00	56.87 -1.58 0.00

SITHE___BATAVIA 24024	48.83 1.83 0.00	43.45 1.14 0.00	38.82 0.61 0.00	36.84 0.55 0.00	36.99 0.44 0.00	38.74 0.46 0.00	43.94 -0.18 0.00	45.31 -0.74 0.00	49.20 -1.21 0.00	52.38 -0.80 0.00	58.28 -0.65 0.00	64.01 -0.38 0.00	66.08 -0.33 0.00	72.65 0.00 0.00	81.21 -0.57 0.00	90.83 -2.52 0.00	105.22 -1.93 0.00	107.48 -1.80 -3.28	109.84 -1.18 -3.36	90.11 -0.45 -0.81	78.68 0.31 0.00	71.22 -0.50 0.00	65.69 -0.07 0.00	58.44 0.00 0.00
SITHE___INDEPEND 23800	45.97 -1.03 0.00	41.29 -1.02 0.00	37.25 -0.96 0.00	35.38 -0.91 0.00	35.60 -0.95 0.00	37.32 -0.96 0.00	42.93 -1.19 0.00	44.76 -1.29 0.00	48.99 -1.41 0.00	51.74 -1.44 0.00	57.45 -1.47 0.00	62.85 -1.55 0.00	64.89 -1.53 0.00	70.98 -1.67 0.00	80.06 -1.72 0.00	91.20 -2.15 0.00	104.69 -2.46 0.00	103.57 -2.44 0.00	105.29 -2.37 0.00	87.86 -1.88 0.00	76.56 -1.80 0.00	69.99 -1.72 0.00	64.18 -1.58 0.00	56.81 -1.64 0.00
SITHE___MASSENA 23902	46.86 -0.14 0.00	42.14 -0.17 0.00	38.02 -0.19 0.00	36.07 -0.22 0.00	36.26 -0.29 0.00	37.97 -0.31 0.00	44.12 0.00 0.00	46.00 -0.05 0.00	50.25 -0.15 0.00	52.96 -0.21 0.00	58.57 -0.35 0.00	63.95 -0.45 0.00	65.62 -0.79 0.00	71.85 -0.80 0.00	80.06 -1.72 0.00	90.14 -2.99 0.22	89.90 -3.75 13.49	101.92 -3.60 0.48	103.69 -3.45 0.52	86.91 -2.69 0.15	77.58 -0.78 0.00	71.07 -0.65 0.00	65.23 -0.53 0.00	58.68 0.23 0.00
SITHE___OGDNSBRG 24021	47.66 0.66 0.00	42.94 0.63 0.00	38.63 0.42 0.00	36.65 0.36 0.00	36.84 0.29 0.00	38.59 0.31 0.00	44.87 0.75 0.00	46.55 0.51 0.00	50.61 0.20 0.00	53.28 0.11 0.00	58.69 -0.24 0.00	64.07 -0.32 0.00	65.68 -0.73 0.00	71.99 -0.65 0.00	80.14 -1.64 0.00	80.26 -3.17 9.91	75.26 -3.96 27.92	80.63 -3.50 21.88	81.28 -2.69 23.69	81.51 -1.62 6.62	78.91 0.55 0.00	72.29 0.57 0.00	66.28 0.53 0.00	59.79 1.34 0.00
SITHE___STERLING 23777	48.55 1.55 0.00	43.70 1.39 0.00	39.32 1.11 0.00	37.30 1.01 0.00	37.61 1.06 0.00	39.47 1.19 0.00	45.44 1.32 0.00	47.43 1.38 0.00	51.92 1.51 0.00	54.72 1.54 0.00	60.69 1.77 0.00	66.58 2.19 0.00	68.80 2.39 0.00	75.56 2.91 0.00	85.21 3.43 0.00	97.76 4.01 -0.40	114.91 4.83 -2.94	111.67 4.77 -0.89	114.00 5.38 -0.97	94.77 4.75 -0.27	82.28 3.92 0.00	75.16 3.44 0.00	68.58 2.83 0.00	60.67 2.22 0.00
SLEIGHT__34_KV_TB1 80719	47.66 0.66 0.00	42.60 0.30 0.00	38.21 0.00 0.00	36.25 -0.04 0.00	36.48 -0.07 0.00	38.24 -0.04 0.00	43.81 -0.31 0.00	45.59 -0.46 0.00	49.80 -0.60 0.00	52.91 -0.27 0.00	58.93 0.00 0.00	64.72 0.32 0.00	66.88 0.46 0.00	73.23 0.58 0.00	82.52 0.74 0.00	93.35 0.00 0.00	107.36 0.21 0.00	106.32 0.32 0.00	108.20 0.54 0.00	90.29 0.54 0.00	78.91 0.55 0.00	71.86 0.14 0.00	65.82 0.07 0.00	58.04 -0.41 0.00
SMITHTWN_69_KV_BK 1 55830	51.00 4.00 0.00	46.28 3.98 0.00	41.61 3.40 0.00	39.45 3.16 0.00	39.66 3.11 0.00	41.54 3.25 0.00	47.73 3.62 0.00	50.01 3.96 0.00	52.92 2.52 0.00	55.38 2.61 0.40	61.67 3.71 0.97	68.27 4.51 0.63	71.79 5.38 0.00	78.53 5.88 0.00	92.77 8.51 -2.48	110.69 11.57 -5.77	126.47 13.82 -5.50	257.76 13.46 -138.29	278.61 13.24 -157.71	252.16 10.41 -152.00	109.72 6.50 -24.85	90.71 4.66 -14.34	70.42 4.67 0.01	61.01 2.57 0.01
SOUTH CAIRO___GT 23612	49.54 2.54 0.00	44.51 2.20 0.00	40.23 2.03 0.00	38.32 2.03 0.00	38.63 2.08 0.00	40.35 2.07 0.00	46.37 2.25 0.00	48.35 2.30 0.00	52.88 2.47 0.00	55.30 2.13 0.00	61.17 2.24 0.00	66.78 2.38 0.00	68.87 2.46 0.00	75.26 2.62 0.00	85.71 3.93 0.00	47.87 5.88 51.36	50.29 7.50 64.36	52.20 7.74 61.54	49.17 8.18 66.67	60.88 6.64 35.51	134.53 4.23 -51.93	130.83 3.66 -55.45	69.50 3.75 0.00	61.13 2.69 0.00
SOUTH HAMPTN___IC 23720	50.29 3.29 0.00	46.34 4.02 -0.01	41.58 3.36 -0.01	39.41 3.12 0.00	39.58 3.03 0.00	41.42 3.14 0.00	47.38 3.26 0.00	49.55 3.50 0.00	53.02 2.62 0.01	55.90 2.92 0.20	62.58 4.06 0.41	69.54 5.41 0.26	72.46 6.04 0.00	79.33 6.68 0.00	93.79 9.65 -2.36	112.34 13.25 -5.74	127.93 15.32 -5.46	220.91 15.27 -99.64	231.00 14.64 -108.71	203.55 12.03 -101.77	110.97 7.76 -24.85	91.79 5.74 -14.34	71.07 5.32 0.01	61.30 2.86 0.01
SOUTHDOW_115KV_TB1 355954	47.43 0.42 0.00	42.22 -0.08 0.00	37.64 -0.57 0.00	35.78 -0.51 0.00	35.97 -0.58 0.00	37.90 -0.38 0.00	43.23 -0.88 0.00	44.62 -1.43 0.00	48.84 -1.56 0.00	52.22 -0.96 0.00	58.16 -0.77 0.00	64.20 -0.19 0.00	66.15 -0.27 0.00	72.50 -0.15 0.00	81.37 -0.41 0.00	90.92 -2.43 0.00	105.76 -1.39 0.00	108.52 -1.80 -4.32	111.02 -1.08 -4.44	90.73 -0.09 -1.07	78.60 0.24 0.00	71.28 -0.43 0.00	66.08 0.33 0.00	57.80 -0.64 0.00
SOUTHOLD_69_KV_BK 2 55809	51.61 4.61 0.00	46.75 4.44 0.00	41.92 3.71 0.00	39.70 3.41 0.00	39.88 3.33 0.00	41.76 3.48 0.00	47.60 3.49 0.00	50.15 4.10 0.00	53.68 3.28 0.00	56.59 3.62 0.20	63.94 5.42 0.41	70.76 6.63 0.26	73.72 7.31 0.00	80.78 8.14 0.00	95.35 11.20 -2.36	114.21 15.12 -5.74	129.96 17.36 -5.45	222.96 17.28 -99.68	230.61 14.21 -108.75	205.02 13.46 -101.81	111.91 8.70 -24.85	92.51 6.45 -14.34	71.41 5.65 0.01	62.24 3.80 0.01
SOUTHOLD___IC 23719	50.76 3.76 0.00	46.72 4.40 -0.01	41.89 3.67 -0.01	39.70 3.41 0.00	39.84 3.29 0.00	41.69 3.41 0.00	47.51 3.40 0.00	49.78 3.73 0.00	53.58 3.18 0.01	56.59 3.62 0.20	63.64 5.12 0.41	70.77 6.63 0.26	73.72 7.31 0.00	80.71 8.06 0.00	95.43 11.29 -2.36	114.31 15.22 -5.74	129.97 17.36 -5.46	222.97 17.29 -99.68	230.62 14.21 -108.75	205.02 13.46 -101.82	111.91 8.70 -24.85	92.51 6.46 -14.34	71.54 5.79 0.01	61.95 3.51 0.01
SOUTH_FORK_WT_PWR 323839	50.39 3.39 0.00	46.38 4.06 -0.01	41.58 3.36 -0.01	39.41 3.12 0.00	39.55 3.00 0.00	41.38 3.10 0.00	47.03 2.91 0.00	49.32 3.27 0.00	53.12 2.72 0.01	56.22 3.24 0.20	63.29 4.77 0.41	70.38 6.24 0.26	73.32 6.91 0.00	80.20 7.56 0.00	94.77 10.63 -2.36	113.56 14.47 -5.74	128.89 16.28 -5.46	221.88 16.22 -99.66	230.60 14.21 -108.73	204.01 12.47 -101.79	111.05 7.84 -24.85	91.72 5.66 -14.34	70.75 5.00 0.01	61.54 3.10 0.01
SPIERFLS_115KV_TB 1 80737	49.49 2.49 0.00	44.51 2.20 0.00	40.20 1.99 0.00	38.21 1.92 0.00	38.56 2.01 0.00	40.42 2.14 0.00	46.15 2.03 0.00	48.30 2.26 0.00	53.08 2.67 0.00	55.62 2.45 0.00	61.22 2.30 0.00	66.91 2.51 0.00	68.74 2.32 0.00	75.26 2.62 0.00	85.71 3.93 0.00	119.00 5.13 -20.52	138.87 6.00 -25.72	250.58 6.57 -138.01	270.01 7.43 -154.92	269.95 6.19 -174.01	338.48 5.56 -254.55	225.09 5.02 -148.36	70.16 4.41 0.00	61.72 3.27 0.00
ST LAWRENCE____ 23600	46.20 -0.80 0.00	41.59 -0.72 0.00	37.56 -0.65 0.00	35.64 -0.65 0.00	35.86 -0.70 0.00	37.55 -0.73 0.00	43.54 -0.57 0.00	45.45 -0.60 0.00	49.70 -0.71 0.00	52.43 -0.74 0.00	58.04 -0.88 0.00	63.36 -1.03 0.00	64.95 -1.46 0.00	71.12 -1.53 0.00	79.33 -2.45 0.00	89.61 -3.17 0.57	92.33 -3.85 10.96	101.04 -3.71 1.25	102.65 -3.66 1.35	86.41 -2.96 0.38	76.72 -1.65 0.00	70.43 -1.29 0.00	64.57 -1.18 0.00	57.92 -0.53 0.00

STATE_CA_115KV_115_LB 55624	48.13 1.13 0.00	43.37 1.06 0.00	39.24 1.03 0.00	37.31 1.02 0.00	37.61 1.06 0.00	39.35 1.07 0.00	45.13 1.01 0.00	47.15 1.11 0.00	51.82 1.41 0.00	54.40 1.22 0.00	60.34 1.41 0.00	65.87 1.48 0.00	68.07 1.66 0.00	74.39 1.74 0.00	84.56 2.78 0.00	104.27 3.83 -7.09	120.54 4.50 -8.89	194.74 4.45 -84.28	211.91 4.20 -100.06	203.36 3.23 -110.38	247.25 2.04 -166.85	172.52 1.79 -99.02	67.47 1.71 0.00	59.56 1.11 0.00
STATE_ST_34_KV_LOAD 55959	47.75 0.75 0.00	42.82 0.51 0.00	38.55 0.34 0.00	36.54 0.25 0.00	36.84 0.29 0.00	38.66 0.38 0.00	44.47 0.35 0.00	46.42 0.37 0.00	50.76 0.35 0.00	53.71 0.53 0.00	59.63 0.71 0.00	65.42 1.03 0.00	67.54 1.13 0.00	73.96 1.31 0.00	83.42 1.64 0.00	95.03 1.68 0.00	109.19 2.04 0.00	111.10 2.12 -2.98	113.08 2.37 -3.06	92.73 2.24 -0.74	80.09 1.72 0.00	73.15 1.43 0.00	66.94 1.18 0.00	58.97 0.53 0.00
STATION_5_MISC_HYD 23604	48.08 1.08 0.00	42.90 0.59 0.00	38.44 0.23 0.00	36.47 0.18 0.00	36.66 0.11 0.00	38.40 0.12 0.00	43.72 -0.40 0.00	45.36 -0.69 0.00	49.40 -1.01 0.00	52.54 -0.64 0.00	58.57 -0.35 0.00	64.39 0.00 0.00	66.48 0.07 0.00	72.94 0.29 0.00	81.86 0.08 0.00	92.13 -1.22 0.00	106.29 -0.86 0.00	105.27 -0.74 0.00	107.12 -0.54 0.00	89.48 -0.27 0.00	78.44 0.08 0.00	71.29 -0.43 0.00	65.56 -0.20 0.00	58.10 -0.35 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	47.80 0.80 0.00	42.73 0.42 0.00	38.36 0.15 0.00	36.36 0.07 0.00	36.59 0.04 0.00	38.36 0.08 0.00	43.90 -0.22 0.00	45.68 -0.37 0.00	49.85 -0.55 0.00	52.91 -0.27 0.00	58.87 -0.06 0.00	64.72 0.32 0.00	66.81 0.40 0.00	73.16 0.51 0.00	82.43 0.65 0.00	93.16 -0.19 0.00	107.26 0.11 0.00	106.32 0.32 0.00	108.09 0.43 0.00	90.38 0.63 0.00	79.07 0.71 0.00	72.07 0.36 0.00	66.02 0.26 0.00	58.21 -0.23 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	47.66 0.66 0.00	42.60 0.30 0.00	38.17 -0.04 0.00	36.22 -0.07 0.00	36.40 -0.15 0.00	38.13 -0.15 0.00	43.46 -0.66 0.00	45.08 -0.97 0.00	49.20 -1.21 0.00	52.38 -0.80 0.00	58.34 -0.59 0.00	64.20 -0.19 0.00	66.28 -0.13 0.00	72.50 -0.15 0.00	81.70 -0.08 0.00	92.04 -1.31 0.00	106.08 -1.07 0.00	105.16 -0.85 0.00	106.90 -0.75 0.00	89.30 -0.45 0.00	78.21 -0.16 0.00	71.21 -0.50 0.00	65.30 -0.46 0.00	57.63 -0.82 0.00
STA_56___34_KV_BUS2 355983	47.66 0.66 0.00	42.60 0.30 0.00	38.17 -0.04 0.00	36.22 -0.07 0.00	36.40 -0.15 0.00	38.13 -0.15 0.00	43.46 -0.66 0.00	45.08 -0.97 0.00	49.20 -1.21 0.00	52.38 -0.80 0.00	58.34 -0.59 0.00	64.20 -0.19 0.00	66.28 -0.13 0.00	72.50 -0.15 0.00	81.70 -0.08 0.00	92.04 -1.31 0.00	106.08 -1.07 0.00	105.16 -0.85 0.00	106.90 -0.75 0.00	89.30 -0.45 0.00	78.21 -0.16 0.00	71.21 -0.50 0.00	65.30 -0.46 0.00	57.63 -0.82 0.00
STA_67___115KV_BK2 355882	47.80 0.80 0.00	42.73 0.42 0.00	38.29 0.08 0.00	36.33 0.04 0.00	36.51 -0.04 0.00	38.20 -0.08 0.00	43.54 -0.57 0.00	45.08 -0.97 0.00	49.15 -1.26 0.00	52.32 -0.85 0.00	58.28 -0.65 0.00	64.14 -0.26 0.00	66.21 -0.20 0.00	72.43 -0.22 0.00	81.53 -0.25 0.00	91.85 -1.49 0.00	105.86 -1.29 0.00	104.84 -1.17 0.00	106.69 -0.97 0.00	89.12 -0.63 0.00	78.21 -0.16 0.00	71.14 -0.57 0.00	65.36 -0.39 0.00	57.69 -0.76 0.00
STA_7___115KV_9TRANS 80674	48.27 1.27 0.00	43.11 0.80 0.00	38.63 0.42 0.00	36.62 0.33 0.00	36.81 0.26 0.00	38.51 0.23 0.00	43.90 -0.22 0.00	45.50 -0.55 0.00	49.60 -0.81 0.00	52.91 -0.27 0.00	58.93 0.00 0.00	64.91 0.52 0.00	67.01 0.60 0.00	73.37 0.73 0.00	82.60 0.82 0.00	92.97 -0.37 0.00	107.15 0.00 0.00	106.22 0.21 0.00	107.98 0.32 0.00	90.20 0.45 0.00	79.15 0.78 0.00	72.00 0.29 0.00	66.08 0.33 0.00	58.27 -0.18 0.00
STA_82___115KV_TB1 80780	47.85 0.85 0.00	42.73 0.42 0.00	38.29 0.08 0.00	36.33 0.04 0.00	36.51 -0.04 0.00	38.20 -0.08 0.00	43.54 -0.57 0.00	45.13 -0.92 0.00	49.15 -1.26 0.00	52.38 -0.80 0.00	58.28 -0.65 0.00	64.14 -0.26 0.00	66.21 -0.20 0.00	72.43 -0.22 0.00	81.53 -0.25 0.00	91.85 -1.49 0.00	105.97 -1.18 0.00	104.94 -1.06 0.00	106.69 -0.97 0.00	89.21 -0.54 0.00	78.21 -0.16 0.00	71.14 -0.57 0.00	65.36 -0.39 0.00	57.69 -0.76 0.00
STEEL___WIND 323596	47.42 0.42 0.00	42.27 -0.04 0.00	37.75 -0.46 0.00	35.89 -0.40 0.00	35.96 -0.59 0.00	37.67 -0.61 0.00	42.70 -1.41 0.00	43.84 -2.21 0.00	47.73 -2.67 0.00	50.83 -2.34 0.00	56.63 -2.30 0.00	62.33 -2.06 0.00	64.15 -2.26 0.00	70.54 -2.11 0.00	78.84 -2.94 0.00	88.12 -5.23 0.00	102.33 -4.82 0.00	104.88 -5.09 -3.97	106.99 -4.73 -4.07	87.50 -3.23 -0.98	76.09 -2.28 0.00	68.77 -2.94 0.00	63.91 -1.84 0.00	56.92 -1.52 0.00
STEPHTWN_115KV_BK_2 55603	48.32 1.32 0.00	43.53 1.23 0.00	39.36 1.15 0.00	37.42 1.12 0.00	37.72 1.17 0.00	39.51 1.22 0.00	45.26 1.15 0.00	47.34 1.29 0.00	51.97 1.56 0.00	54.56 1.38 0.00	60.52 1.59 0.00	66.13 1.74 0.00	68.21 1.79 0.00	74.61 1.96 0.00	84.81 3.03 0.00	1.63 4.20 95.91	-8.01 5.04 120.20	-31.19 5.09 142.29	-39.71 4.84 152.21	2.98 3.77 90.54	138.66 2.43 -57.86	152.78 2.15 -78.92	67.79 2.04 0.00	59.79 1.34 0.00
STEUBEN_REC_LFGE 323667	47.66 0.66 0.00	42.52 0.21 0.00	37.98 -0.23 0.00	36.07 -0.22 0.00	36.22 -0.33 0.00	38.13 -0.15 0.00	43.68 -0.44 0.00	45.08 -0.97 0.00	48.99 -1.41 0.00	52.06 -1.12 0.00	57.92 -1.00 0.00	63.75 -0.64 0.00	65.82 -0.60 0.00	72.28 -0.36 0.00	81.53 -0.25 0.00	91.76 -1.59 0.00	106.29 -0.86 0.00	110.64 -0.85 -5.48	113.61 0.32 -5.63	95.36 1.35 -4.27	86.35 1.57 -6.42	76.83 1.08 -4.04	67.01 1.25 0.00	58.68 0.23 0.00
STILLWATER___SOLAR 323814	49.59 2.58 0.00	44.63 2.33 0.00	40.31 2.10 0.00	38.28 1.99 0.00	38.63 2.08 0.00	40.46 2.18 0.00	46.32 2.20 0.00	48.35 2.30 0.00	53.02 2.62 0.00	55.62 2.45 0.00	61.52 2.59 0.00	67.16 2.77 0.00	69.27 2.85 0.00	75.84 3.19 0.00	86.27 4.49 0.00	123.83 5.69 -24.79	144.97 6.75 -31.06	256.82 7.10 -143.71	277.41 7.32 -162.43	272.80 6.11 -176.95	331.43 5.02 -248.04	218.34 4.52 -142.10	69.90 4.15 0.00	61.60 3.15 0.00
STONY___BROOK 24151	50.10 3.10 0.00	46.21 3.89 -0.01	41.54 3.32 -0.01	39.37 3.08 0.00	39.58 3.03 0.00	41.42 3.14 0.00	47.56 3.44 0.00	49.59 3.55 0.00	52.77 2.37 0.01	55.38 2.50 0.29	61.49 3.24 0.67	68.27 4.31 0.44	71.60 5.18 0.00	78.10 5.45 0.00	92.33 8.10 -2.45	110.30 11.20 -5.76	125.92 13.28 -5.49	236.28 12.93 -117.35	251.41 12.59 -131.16	224.49 9.96 -124.78	109.40 6.19 -24.85	90.50 4.45 -14.34	70.42 4.67 0.01	60.72 2.28 0.01
STURGEON_POOL_HYD 23609	49.21 2.21 0.00	44.42 2.12 0.00	40.16 1.95 0.00	38.21 1.92 0.00	38.49 1.94 0.00	40.23 1.95 0.00	46.28 2.16 0.00	48.49 2.44 0.00	53.08 2.67 0.00	55.99 2.82 0.00	61.99 3.06 0.00	67.55 3.16 0.00	70.53 4.12 0.00	77.15 4.50 0.00	87.99 6.22 0.00	94.02 8.40 7.73	107.54 10.07 9.68	126.78 9.75 -11.02	124.38 9.47 -7.25	104.14 7.36 -7.04	111.60 4.31 -28.92	97.54 3.51 -22.31	69.17 3.42 0.00	60.90 2.45 0.00

ST_LAW_115_BK7_LBMP 345037	46.16 -0.84 0.00	41.59 -0.72 0.00	37.52 -0.69 0.00	35.64 -0.65 0.00	35.86 -0.70 0.00	37.55 -0.73 0.00	43.54 -0.57 0.00	45.45 -0.60 0.00	49.70 -0.71 0.00	52.38 -0.80 0.00	57.98 -0.95 0.00	63.30 -1.10 0.00	64.89 -1.52 0.00	71.05 -1.60 0.00	79.24 -2.54 0.00	89.42 -3.36 0.56	91.39 -4.07 11.69	100.84 -3.92 1.25	102.44 -3.87 1.35	86.23 -3.14 0.38	76.64 -1.72 0.00	70.35 -1.36 0.00	64.50 -1.25 0.00	57.92 -0.53 0.00
ST_LAW_115_BK8_LBMP 345038	46.16 -0.84 0.00	41.59 -0.72 0.00	37.52 -0.69 0.00	35.64 -0.65 0.00	35.86 -0.70 0.00	37.55 -0.73 0.00	43.54 -0.57 0.00	45.45 -0.60 0.00	49.70 -0.71 0.00	52.38 -0.80 0.00	57.98 -0.95 0.00	63.30 -1.10 0.00	64.89 -1.52 0.00	71.05 -1.60 0.00	79.24 -2.54 0.00	89.42 -3.36 0.56	91.39 -4.07 11.69	100.84 -3.92 1.25	102.44 -3.87 1.35	86.23 -3.14 0.38	76.64 -1.72 0.00	70.35 -1.36 0.00	64.50 -1.25 0.00	57.92 -0.53 0.00
ST_LAW_230_BK5_LBMP 345035	46.20 -0.80 0.00	41.59 -0.72 0.00	37.56 -0.65 0.00	35.64 -0.65 0.00	35.86 -0.70 0.00	37.55 -0.73 0.00	43.54 -0.57 0.00	45.45 -0.60 0.00	49.70 -0.71 0.00	52.43 -0.74 0.00	58.04 -0.88 0.00	63.36 -1.03 0.00	64.95 -1.46 0.00	71.12 -1.53 0.00	79.33 -2.45 0.00	89.61 -3.17 0.57	92.87 -3.85 10.43	101.04 -3.71 1.25	102.64 -3.66 1.35	86.41 -2.96 0.38	76.72 -1.65 0.00	70.43 -1.29 0.00	64.57 -1.18 0.00	57.92 -0.53 0.00
ST_LAW_230_BK6_LBMP 345036	46.20 -0.80 0.00	41.59 -0.72 0.00	37.56 -0.65 0.00	35.64 -0.65 0.00	35.86 -0.70 0.00	37.55 -0.73 0.00	43.54 -0.57 0.00	45.45 -0.60 0.00	49.70 -0.71 0.00	52.43 -0.74 0.00	58.04 -0.88 0.00	63.36 -1.03 0.00	64.95 -1.46 0.00	71.12 -1.53 0.00	79.33 -2.45 0.00	89.61 -3.17 0.57	92.87 -3.85 10.43	101.04 -3.71 1.25	102.64 -3.66 1.35	86.41 -2.96 0.38	76.72 -1.65 0.00	70.43 -1.29 0.00	64.57 -1.18 0.00	57.92 -0.53 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	49.02 2.02 0.00	44.25 1.95 0.00	40.00 1.80 0.00	38.03 1.74 0.00	38.34 1.79 0.00	40.08 1.80 0.00	46.06 1.94 0.00	48.30 2.26 0.00	52.82 2.42 0.00	55.73 2.55 0.00	61.70 2.77 0.00	67.29 2.90 0.00	70.13 3.72 0.00	76.57 3.92 0.00	87.26 5.48 0.00	105.17 7.37 -4.45	121.52 8.79 -5.58	145.06 8.48 -30.57	137.64 8.18 -21.80	110.99 6.37 -14.86	103.59 4.00 -21.23	88.28 3.23 -13.34	68.71 2.96 0.00	60.49 2.05 0.00
SWANROAD_115KV_TB1 355699	46.34 -0.66 0.00	41.29 -1.02 0.00	36.87 -1.34 0.00	35.27 -1.02 0.00	35.13 -1.43 0.00	36.75 -1.53 0.00	41.51 -2.60 0.00	42.41 -3.64 0.00	46.07 -4.33 0.00	49.29 -3.88 0.00	54.74 -4.18 0.00	60.34 -4.06 0.00	62.03 -4.38 0.00	67.71 -4.94 0.00	76.06 -5.72 0.00	84.76 -8.59 0.00	98.26 -8.89 0.00	100.49 -9.12 -3.60	102.53 -8.83 -3.70	84.09 -6.55 -0.89	73.35 -5.02 0.00	66.48 -5.24 0.00	61.61 -4.14 0.00	54.70 -3.74 0.00
SYNERGY___BIOGAS 323694	48.69 1.69 0.00	43.37 1.06 0.00	38.71 0.50 0.00	36.83 0.54 0.00	36.88 0.33 0.00	38.63 0.34 0.00	43.81 -0.31 0.00	45.13 -0.92 0.00	48.99 -1.41 0.00	52.32 -0.85 0.00	58.16 -0.77 0.00	64.01 -0.39 0.00	66.08 -0.33 0.00	72.28 -0.36 0.00	81.29 -0.49 0.00	90.83 -2.52 0.00	105.22 -1.93 0.00	107.48 -1.80 -3.28	109.73 -1.29 -3.36	90.11 -0.45 -0.81	78.68 0.31 0.00	71.43 -0.29 0.00	65.69 -0.07 0.00	57.98 -0.47 0.00
SYRACUSE___ENERGY_ST1 323597	47.33 0.33 0.00	42.48 0.17 0.00	38.29 0.08 0.00	36.33 0.04 0.00	36.59 0.04 0.00	38.40 0.11 0.00	44.16 0.04 0.00	46.14 0.09 0.00	50.51 0.10 0.00	53.44 0.27 0.00	59.34 0.41 0.00	64.97 0.58 0.00	66.81 0.40 0.00	73.08 0.44 0.00	82.35 0.57 0.00	93.91 0.56 0.00	108.93 0.64 -1.14	106.53 0.53 0.00	108.41 0.75 0.00	90.47 0.72 0.00	78.76 0.39 0.00	72.00 0.29 0.00	66.28 0.53 0.00	58.50 0.06 0.00
SYRACUSE___ENERGY_ST2 323598	47.33 0.33 0.00	42.48 0.17 0.00	38.29 0.08 0.00	36.33 0.04 0.00	36.59 0.04 0.00	38.40 0.11 0.00	44.16 0.04 0.00	46.14 0.09 0.00	50.51 0.10 0.00	53.44 0.27 0.00	59.34 0.41 0.00	64.97 0.58 0.00	66.81 0.40 0.00	73.08 0.44 0.00	82.35 0.57 0.00	93.91 0.56 0.00	108.93 0.64 -1.14	106.53 0.53 0.00	108.41 0.75 0.00	90.47 0.72 0.00	78.76 0.39 0.00	72.00 0.29 0.00	66.28 0.53 0.00	58.50 0.06 0.00
SYRACUSE___POWER 24017	47.19 0.19 0.00	42.35 0.04 0.00	38.17 -0.04 0.00	36.25 -0.04 0.00	36.51 -0.04 0.00	38.28 0.00 0.00	44.03 -0.09 0.00	46.00 -0.05 0.00	50.36 -0.05 0.00	53.28 0.11 0.00	59.16 0.24 0.00	64.84 0.45 0.00	66.94 0.53 0.00	73.30 0.65 0.00	82.68 0.90 0.00	94.28 0.93 0.00	109.42 1.07 -1.20	106.96 0.95 0.00	108.84 1.18 0.00	90.83 1.08 0.00	78.99 0.63 0.00	72.22 0.50 0.00	66.15 0.39 0.00	58.44 0.00 0.00
TALLMAN_138KV_BK151 55660	49.31 2.30 0.00	44.55 2.24 0.00	40.23 2.03 0.00	38.25 1.96 0.00	38.56 2.01 0.00	40.31 2.03 0.00	46.32 2.21 0.00	48.63 2.58 0.00	53.18 2.77 0.00	56.10 2.92 0.00	62.17 3.24 0.00	67.74 3.35 0.00	70.66 4.25 0.00	77.15 4.50 0.00	87.99 6.22 0.00	106.57 8.40 -4.82	123.15 9.96 -6.04	147.50 9.54 -31.96	139.24 9.15 -22.43	112.23 7.18 -15.30	104.69 4.47 -21.86	89.03 3.59 -13.73	69.04 3.29 0.00	60.72 2.28 0.00
TEALLAVE_115KV_TB7 355573	47.10 0.09 0.00	42.27 -0.04 0.00	38.09 -0.11 0.00	36.15 -0.15 0.00	36.40 -0.15 0.00	38.20 -0.08 0.00	43.94 -0.18 0.00	45.86 -0.18 0.00	50.20 -0.20 0.00	53.12 -0.05 0.00	59.04 0.12 0.00	64.65 0.26 0.00	66.81 0.40 0.00	73.08 0.44 0.00	82.52 0.74 0.00	94.00 0.65 0.00	109.27 0.75 -1.37	106.64 0.64 0.00	108.41 0.75 0.00	90.47 0.72 0.00	78.76 0.39 0.00	71.93 0.22 0.00	65.89 0.13 0.00	58.21 -0.23 0.00
TELGRAPH_34_KV_EAST 80808	47.66 0.66 0.00	42.48 0.17 0.00	37.90 -0.31 0.00	36.11 -0.18 0.00	36.08 -0.48 0.00	37.78 -0.50 0.00	42.75 -1.37 0.00	43.88 -2.16 0.00	47.73 -2.67 0.00	50.99 -2.18 0.00	56.63 -2.30 0.00	62.33 -2.06 0.00	64.22 -2.19 0.00	70.18 -2.47 0.00	78.84 -2.94 0.00	88.03 -5.32 0.00	102.01 -5.14 0.00	104.22 -5.19 -3.41	106.32 -4.84 -3.50	87.27 -3.32 -0.85	76.09 -2.27 0.00	69.06 -2.65 0.00	63.78 -1.97 0.00	56.40 -2.05 0.00
TEMPLE___115KV_TB 2 55572	47.10 0.09 0.00	42.27 -0.04 0.00	38.09 -0.11 0.00	36.18 -0.11 0.00	36.44 -0.11 0.00	38.20 -0.08 0.00	43.94 -0.18 0.00	45.86 -0.18 0.00	50.25 -0.15 0.00	53.17 0.00 0.00	59.04 0.12 0.00	64.72 0.32 0.00	66.88 0.46 0.00	73.16 0.51 0.00	82.60 0.82 0.00	94.09 0.75 0.00	109.34 0.86 -1.34	106.75 0.74 0.00	108.52 0.86 0.00	90.56 0.81 0.00	78.76 0.39 0.00	71.93 0.22 0.00	65.95 0.20 0.00	58.21 -0.23 0.00
TIANA___69_KV_BK 1 55817	51.04 4.04 0.00	46.24 3.93 0.00	41.53 3.32 0.00	39.34 3.05 0.00	39.55 3.00 0.00	41.46 3.18 0.00	47.47 3.35 0.00	49.87 3.82 0.00	53.03 2.62 0.00	55.74 2.77 0.20	62.64 4.12 0.41	69.22 5.09 0.26	72.19 5.78 0.00	79.11 6.47 0.00	93.39 9.24 -2.36	111.88 12.79 -5.74	127.60 15.00 -5.45	220.51 14.84 -99.67	230.82 14.43 -108.74	203.31 11.76 -101.80	110.82 7.60 -24.85	91.58 5.52 -14.34	70.88 5.13 0.01	61.48 3.04 0.01

TILDEN___115KV_TB1 80814	47.19 0.19 0.00	42.35 0.04 0.00	38.17 -0.04 0.00	36.25 -0.04 0.00	36.51 -0.04 0.00	38.28 0.00 0.00	44.03 -0.09 0.00	46.00 -0.05 0.00	50.36 -0.05 0.00	53.28 0.11 0.00	59.16 0.24 0.00	64.84 0.45 0.00	66.94 0.53 0.00	73.30 0.65 0.00	82.68 0.90 0.00	94.28 0.93 0.00	109.42 1.07 -1.20	106.96 0.95 0.00	108.84 1.18 0.00	90.83 1.08 0.00	78.99 0.63 0.00	72.22 0.50 0.00	66.15 0.39 0.00	58.44 0.00 0.00
TRIGEN___CC 323695	50.39 3.38 0.00	45.61 3.30 0.00	41.19 2.98 0.00	39.08 2.79 0.00	39.33 2.78 0.00	41.19 2.91 0.00	47.34 3.22 0.00	49.59 3.55 0.00	53.08 2.67 0.00	55.98 2.82 0.01	62.58 3.65 0.00	68.58 4.19 0.00	71.46 5.05 0.00	78.17 5.52 0.00	108.08 7.69 -18.62	111.95 10.27 -8.34	125.85 12.00 -6.70	154.90 11.55 -37.34	148.56 11.20 -29.70	119.43 8.89 -20.79	108.78 5.56 -24.85	90.36 4.30 -14.34	70.11 4.34 -0.02	61.04 2.57 -0.02
TRINITY___115KV__4 BK 55933	47.90 0.89 0.00	43.20 0.89 0.00	39.09 0.88 0.00	37.16 0.87 0.00	37.46 0.91 0.00	39.20 0.92 0.00	44.96 0.84 0.00	46.97 0.92 0.00	51.56 1.16 0.00	54.13 0.96 0.00	59.99 1.06 0.00	65.49 1.09 0.00	67.74 1.33 0.00	74.03 1.38 0.00	84.15 2.37 0.00	75.80 3.36 20.90	84.92 3.96 26.19	126.64 3.92 -16.71	136.76 3.66 -25.44	138.54 2.78 -46.01	198.73 1.57 -118.79	155.03 1.36 -81.96	67.14 1.38 0.00	59.20 0.76 0.00
UNION___PROCESSING_DRP 323587	47.85 0.85 0.00	42.73 0.42 0.00	38.29 0.08 0.00	36.36 0.07 0.00	36.51 -0.04 0.00	38.24 -0.04 0.00	43.59 -0.53 0.00	45.13 -0.92 0.00	49.15 -1.26 0.00	52.38 -0.80 0.00	58.34 -0.59 0.00	64.20 -0.19 0.00	66.21 -0.20 0.00	72.43 -0.22 0.00	81.62 -0.16 0.00	91.85 -1.49 0.00	105.97 -1.18 0.00	104.94 -1.06 0.00	106.80 -0.86 0.00	89.21 -0.54 0.00	78.29 -0.08 0.00	71.21 -0.50 0.00	65.36 -0.39 0.00	57.74 -0.70 0.00
UPPER HUDSON___HYD 24058	49.49 2.49 0.00	44.51 2.20 0.00	40.19 1.99 0.00	38.18 1.89 0.00	38.56 2.01 0.00	40.42 2.14 0.00	46.15 2.03 0.00	48.30 2.26 0.00	53.02 2.62 0.00	55.62 2.45 0.00	61.34 2.42 0.00	66.90 2.51 0.00	68.74 2.32 0.00	75.26 2.61 0.00	85.62 3.84 0.00	119.00 5.13 -20.52	138.86 6.00 -25.72	250.58 6.57 -138.01	270.00 7.42 -154.92	269.95 6.19 -174.01	338.48 5.56 -254.55	225.09 5.02 -148.36	70.16 4.41 0.00	61.72 3.27 0.00
UPPER RAQUET___HYD 24056	47.10 0.09 0.00	42.39 0.08 0.00	38.17 -0.04 0.00	36.22 -0.07 0.00	36.26 -0.29 0.00	37.97 -0.31 0.00	44.21 0.09 0.00	45.86 -0.18 0.00	49.75 -0.66 0.00	52.38 -0.80 0.00	57.87 -1.06 0.00	63.17 -1.23 0.00	64.76 -1.66 0.00	70.98 -1.67 0.00	79.08 -2.70 0.00	78.87 -4.57 9.91	69.18 -6.10 31.86	78.30 -5.83 21.87	78.60 -5.38 23.68	79.00 -4.13 6.62	76.57 -1.80 0.00	70.14 -1.58 0.00	64.57 -1.18 0.00	58.56 0.12 0.00
VALLEY44_115KV_TB2 355964	46.20 -0.80 0.00	41.25 -1.06 0.00	36.83 -1.38 0.00	35.02 -1.27 0.00	35.13 -1.43 0.00	36.90 -1.38 0.00	41.96 -2.16 0.00	43.28 -2.76 0.00	47.23 -3.18 0.00	50.25 -2.92 0.00	55.92 -3.01 0.00	61.69 -2.70 0.00	63.56 -2.86 0.00	69.74 -2.91 0.00	78.34 -3.43 0.00	87.75 -5.60 0.00	102.11 -5.04 0.00	105.18 -5.30 -4.48	107.41 -4.84 -4.60	87.72 -3.14 -1.11	75.78 -2.59 0.00	68.77 -2.94 0.00	63.91 -1.84 0.00	55.81 -2.63 0.00
VALLEY___115KV_TB 1-4 80826	46.81 -0.19 0.00	42.18 -0.13 0.00	38.06 -0.15 0.00	36.15 -0.15 0.00	36.48 -0.07 0.00	38.24 -0.04 0.00	44.03 -0.09 0.00	46.00 -0.05 0.00	50.41 0.00 0.00	53.12 -0.05 0.00	58.93 0.00 0.00	64.46 0.06 0.00	66.55 0.13 0.00	72.87 0.22 0.00	82.19 0.41 0.00	93.91 0.56 0.00	107.58 0.43 0.00	106.32 0.32 0.00	108.09 0.43 0.00	90.11 0.36 0.00	78.44 0.08 0.00	71.79 0.07 0.00	65.82 0.07 0.00	58.39 -0.06 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	49.40 2.40 0.00	44.55 2.24 0.00	40.20 1.99 0.00	38.14 1.85 0.00	38.49 1.94 0.00	40.35 2.07 0.00	46.32 2.21 0.00	48.30 2.26 0.00	52.93 2.52 0.00	55.83 2.66 0.00	61.99 3.06 0.00	67.94 3.54 0.00	70.40 3.98 0.00	77.22 4.58 0.00	87.26 5.48 0.00	99.79 6.44 0.00	114.54 7.39 0.00	132.39 7.10 -19.28	134.66 7.21 -19.79	115.22 6.01 -19.46	115.53 4.70 -32.47	96.27 4.16 -20.39	69.31 3.55 0.00	61.19 2.75 0.00
VISCHER___FERRY HYD 24020	48.98 1.97 0.00	44.13 1.82 0.00	39.89 1.68 0.00	37.92 1.63 0.00	38.23 1.68 0.00	40.04 1.76 0.00	45.88 1.77 0.00	47.89 1.84 0.00	52.62 2.22 0.00	55.19 2.02 0.00	61.11 2.18 0.00	66.71 2.31 0.00	69.07 2.66 0.00	75.48 2.83 0.00	85.87 4.09 0.00	136.87 5.32 -38.21	161.46 6.43 -47.88	273.51 6.36 -161.14	299.37 6.35 -185.36	280.11 5.11 -185.25	308.05 3.76 -225.93	196.51 3.37 -121.42	68.85 3.09 0.00	60.67 2.22 0.00
V_A_10_SYNC_DSASP 323832	47.05 0.05 0.00	41.97 -0.34 0.00	37.56 -0.65 0.00	35.71 -0.58 0.00	35.78 -0.77 0.00	37.44 -0.84 0.00	42.48 -1.63 0.00	43.65 -2.39 0.00	47.48 -2.92 0.00	50.67 -2.50 0.00	56.33 -2.59 0.00	62.01 -2.38 0.00	63.89 -2.52 0.00	69.74 -2.91 0.00	78.43 -3.35 0.00	87.84 -5.51 0.00	101.58 -5.57 0.00	103.79 -5.41 -3.19	105.66 -5.28 -3.28	86.68 -3.86 -0.79	75.47 -2.90 0.00	68.56 -3.16 0.00	63.32 -2.43 0.00	56.11 -2.34 0.00
V_CMM_10_SYNC_DSASP 323787	46.39 -0.61 0.00	41.76 -0.55 0.00	37.67 -0.53 0.00	35.78 -0.51 0.00	36.00 -0.55 0.00	37.71 -0.57 0.00	43.72 -0.40 0.00	45.63 -0.42 0.00	49.90 -0.50 0.00	52.59 -0.58 0.00	58.28 -0.65 0.00	63.62 -0.77 0.00	65.22 -1.19 0.00	71.34 -1.31 0.00	79.58 -2.20 0.00	89.79 -2.99 0.56	91.82 -3.64 11.69	101.26 -3.50 1.25	102.86 -3.45 1.35	86.59 -2.78 0.38	77.03 -1.33 0.00	70.64 -1.07 0.00	64.84 -0.92 0.00	58.21 -0.23 0.00
V_CMP_10_SYNC_DSASP 323788	46.11 -0.89 0.00	41.46 -0.85 0.00	37.37 -0.84 0.00	35.46 -0.83 0.00	35.67 -0.88 0.00	37.36 -0.92 0.00	43.32 -0.79 0.00	45.31 -0.74 0.00	49.30 -1.11 0.00	51.79 -1.38 0.00	57.34 -1.59 0.00	62.46 -1.93 0.00	63.96 -2.46 0.00	70.18 -2.47 0.00	78.27 -3.51 0.00	87.66 -4.39 1.30	89.67 -5.35 12.12	98.25 -4.87 2.88	99.91 -4.63 3.12	85.28 -3.59 0.87	76.25 -2.11 0.00	69.85 -1.86 0.00	63.91 -1.84 0.00	57.33 -1.11 0.00
V_D_10_SYNC_DSASP 323841	46.82 -0.19 0.00	42.14 -0.17 0.00	38.02 -0.19 0.00	36.07 -0.22 0.00	36.26 -0.29 0.00	37.97 -0.31 0.00	44.12 0.00 0.00	46.00 -0.05 0.00	50.25 -0.15 0.00	52.96 -0.21 0.00	58.57 -0.35 0.00	63.95 -0.45 0.00	65.62 -0.79 0.00	71.85 -0.80 0.00	80.06 -1.72 0.00	89.79 -2.99 0.56	89.87 -3.64 13.64	101.16 -3.60 1.24	102.97 -3.34 1.35	86.68 -2.69 0.38	77.58 -0.78 0.00	71.07 -0.65 0.00	65.23 -0.53 0.00	58.68 0.23 0.00
V_E_10_SYNC_DSASP 323830	50.81 3.81 0.00	45.78 3.47 0.00	40.96 2.75 0.00	38.79 2.50 0.00	39.26 2.70 0.00	41.34 3.06 0.00	47.60 3.48 0.00	49.64 3.59 0.00	54.14 3.73 0.00	56.95 3.78 0.00	63.17 4.25 0.00	69.80 5.41 0.00	72.13 5.71 0.00	79.62 6.97 0.00	89.63 7.85 0.00	102.50 9.15 0.00	118.08 10.93 0.00	127.42 11.13 -10.29	130.92 12.70 -10.57	110.22 11.13 -9.34	102.84 9.48 -15.00	89.39 8.24 -9.43	72.59 6.84 0.00	64.06 5.61 0.00

V_F_30_NSYNC___DSASP 323816	49.68 2.68 0.00	44.68 2.37 0.00	40.35 2.14 0.00	38.32 2.03 0.00	38.67 2.12 0.00	40.54 2.26 0.00	46.37 2.25 0.00	48.44 2.39 0.00	53.13 2.72 0.00	55.73 2.55 0.00	61.70 2.77 0.00	67.36 2.96 0.00	69.47 3.06 0.00	76.06 3.42 0.00	86.44 4.66 0.00	122.25 5.98 -22.93	142.95 7.07 -28.73	254.54 7.31 -141.22	274.34 7.53 -159.15	271.60 6.19 -175.67	334.41 5.17 -250.88	221.20 4.66 -144.83	69.97 4.21 0.00	61.66 3.21 0.00
V_F_30_SYNC_DSASP 323786	48.13 1.13 0.00	43.37 1.06 0.00	39.24 1.03 0.00	37.31 1.02 0.00	37.61 1.06 0.00	39.35 1.07 0.00	45.13 1.01 0.00	47.15 1.11 0.00	51.77 1.36 0.00	54.40 1.22 0.00	60.34 1.41 0.00	65.87 1.48 0.00	68.07 1.66 0.00	74.39 1.74 0.00	84.56 2.78 0.00	101.94 3.83 -4.76	117.62 4.50 -5.97	189.13 4.45 -78.67	205.71 4.20 -93.86	198.02 3.23 -105.04	243.30 2.04 -162.90	171.13 1.79 -97.62	67.47 1.71 0.00	59.56 1.11 0.00
V_XM_10_SYNC_DSASP 323789	46.11 -0.89 0.00	41.46 -0.85 0.00	37.37 -0.84 0.00	35.46 -0.83 0.00	35.67 -0.88 0.00	37.36 -0.92 0.00	43.32 -0.79 0.00	45.31 -0.74 0.00	49.30 -1.11 0.00	51.79 -1.38 0.00	57.34 -1.59 0.00	62.46 -1.93 0.00	63.96 -2.46 0.00	70.18 -2.47 0.00	78.27 -3.51 0.00	87.66 -4.39 1.30	89.67 -5.35 12.12	98.25 -4.87 2.88	99.91 -4.63 3.12	85.28 -3.59 0.87	76.25 -2.11 0.00	69.85 -1.86 0.00	63.91 -1.84 0.00	57.33 -1.11 0.00
W.BABYLN_69_KV_BK1 56697	51.47 4.47 0.00	46.67 4.36 0.00	41.99 3.78 0.00	39.81 3.52 0.00	40.02 3.47 0.00	41.96 3.67 0.00	48.18 4.06 0.00	50.47 4.42 0.00	53.58 3.18 0.00	56.30 3.24 0.12	63.27 4.48 0.14	69.65 5.34 0.09	72.59 6.18 0.00	79.55 6.90 0.00	96.54 9.40 -5.35	112.07 12.51 -6.21	127.70 14.89 -5.66	165.31 14.42 -44.89	161.13 14.21 -39.27	131.56 11.22 -30.59	110.58 7.37 -24.85	91.65 5.59 -14.34	71.34 5.59 0.00	61.78 3.33 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	49.45 2.44 0.00	44.68 2.37 0.00	40.39 2.18 0.00	38.40 2.10 0.00	38.67 2.12 0.00	40.46 2.18 0.00	46.50 2.38 0.00	48.76 2.72 0.00	53.38 2.97 0.00	56.31 3.14 0.00	62.40 3.48 0.00	68.06 3.67 0.00	71.00 4.58 0.00	77.44 4.79 0.00	88.40 6.62 0.00	107.14 8.87 -4.93	123.72 10.39 -6.18	148.44 10.07 -32.37	145.71 9.69 -28.36	117.09 7.54 -19.81	107.02 4.78 -23.88	89.44 3.87 -13.85	69.31 3.55 0.00	60.96 2.51 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	49.96 2.96 0.00	45.14 2.83 0.00	40.73 2.52 0.00	38.69 2.40 0.00	39.00 2.45 0.00	40.81 2.53 0.00	47.03 2.91 0.00	49.46 3.41 0.00	54.03 3.63 0.00	57.06 3.88 0.00	63.17 4.24 0.00	68.64 4.25 0.00	71.66 5.25 0.00	78.02 5.38 0.00	89.14 7.36 0.00	108.77 10.08 -5.34	125.53 11.68 -6.70	151.20 11.24 -33.96	148.12 10.77 -29.69	118.88 8.35 -20.79	108.46 5.25 -24.84	90.28 4.23 -14.34	69.64 3.88 0.00	61.43 2.98 0.00
W50THST__13_KV_LOAD 356117	50.29 3.29 0.00	45.44 3.13 0.00	40.96 2.75 0.00	38.90 2.61 0.00	39.26 2.70 0.00	41.08 2.79 0.00	47.38 3.26 0.00	49.78 3.73 0.00	54.44 4.03 0.00	57.53 4.36 0.00	63.70 4.77 0.00	69.22 4.83 0.00	72.26 5.84 0.00	78.60 5.96 0.00	89.88 8.10 0.00	109.70 11.01 -5.34	126.60 12.75 -6.70	152.26 12.30 -33.96	148.98 11.63 -29.69	119.69 9.15 -20.79	109.01 5.80 -24.84	90.78 4.73 -14.34	70.03 4.27 0.00	61.78 3.33 0.00
WADING RIVER_IC_1 23522	49.54 2.54 0.00	45.66 3.34 -0.01	41.00 2.79 -0.01	38.87 2.58 0.00	39.07 2.52 0.00	40.85 2.57 0.00	46.90 2.78 0.00	48.95 2.90 0.00	52.12 1.71 0.01	54.84 1.86 0.19	61.24 2.71 0.40	67.93 3.80 0.26	70.79 4.38 0.00	77.52 4.87 0.00	91.58 7.44 -2.35	109.82 10.73 -5.74	125.25 12.64 -5.46	218.20 12.71 -99.48	228.86 12.70 -108.50	201.54 10.23 -101.56	109.64 6.43 -24.85	90.65 4.59 -14.34	70.16 4.41 0.01	60.48 2.04 0.01
WADING RIVER_IC_2 23547	49.54 2.54 0.00	45.66 3.34 -0.01	41.00 2.79 -0.01	38.87 2.58 0.00	39.07 2.52 0.00	40.85 2.57 0.00	46.90 2.78 0.00	48.95 2.90 0.00	52.12 1.71 0.01	54.84 1.86 0.19	61.24 2.71 0.40	67.93 3.80 0.26	70.79 4.38 0.00	77.52 4.87 0.00	91.58 7.44 -2.35	109.82 10.73 -5.74	125.25 12.64 -5.46	218.20 12.71 -99.48	228.86 12.70 -108.50	201.54 10.23 -101.56	109.64 6.43 -24.85	90.65 4.59 -14.34	70.16 4.41 0.01	60.48 2.04 0.01
WADING RIVER_IC_3 23601	49.54 2.54 0.00	45.66 3.34 -0.01	41.00 2.79 -0.01	38.87 2.58 0.00	39.07 2.52 0.00	40.85 2.57 0.00	46.90 2.78 0.00	48.95 2.90 0.00	52.12 1.71 0.01	54.84 1.86 0.19	61.24 2.71 0.40	67.93 3.80 0.26	70.79 4.38 0.00	77.52 4.87 0.00	91.58 7.44 -2.35	109.82 10.73 -5.74	125.25 12.64 -5.46	218.20 12.71 -99.48	228.86 12.70 -108.50	201.54 10.23 -101.56	109.64 6.43 -24.85	90.65 4.59 -14.34	70.16 4.41 0.01	60.48 2.04 0.01
WALDENNY_12_KV_BK2 80841	47.38 0.38 0.00	42.22 -0.08 0.00	37.64 -0.57 0.00	35.85 -0.44 0.00	35.86 -0.69 0.00	37.59 -0.69 0.00	42.57 -1.54 0.00	43.65 -2.39 0.00	47.58 -2.82 0.00	50.89 -2.29 0.00	56.63 -2.30 0.00	62.53 -1.87 0.00	64.35 -2.06 0.00	70.40 -2.25 0.00	79.08 -2.70 0.00	88.31 -5.04 0.00	102.54 -4.61 0.00	104.95 -4.98 -3.93	106.95 -4.74 -4.03	87.49 -3.23 -0.97	76.17 -2.19 0.00	68.99 -2.73 0.00	63.91 -1.84 0.00	56.46 -1.99 0.00
WALDEN___HYDRO 24148	49.26 2.26 0.00	44.47 2.16 0.00	40.20 1.99 0.00	38.21 1.92 0.00	38.52 1.97 0.00	40.27 1.99 0.00	46.32 2.21 0.00	48.53 2.49 0.00	53.23 2.82 0.00	56.10 2.92 0.00	62.17 3.24 0.00	67.74 3.35 0.00	70.66 4.25 0.00	77.15 4.50 0.00	87.99 6.22 0.00	105.13 8.31 -3.48	121.37 9.86 -4.36	145.38 9.54 -29.84	140.16 9.37 -23.14	113.06 7.27 -16.04	106.29 4.78 -23.15	90.19 3.94 -14.53	69.31 3.55 0.00	60.96 2.51 0.00
WARRENSBURG____ 23737	49.49 2.49 0.00	44.51 2.20 0.00	40.20 1.99 0.00	38.21 1.92 0.00	38.56 2.01 0.00	40.42 2.14 0.00	46.15 2.03 0.00	48.30 2.26 0.00	53.08 2.67 0.00	55.62 2.45 0.00	61.22 2.30 0.00	66.91 2.51 0.00	68.74 2.32 0.00	75.26 2.62 0.00	85.71 3.93 0.00	119.00 5.13 -20.52	138.87 6.00 -25.72	250.58 6.57 -138.01	270.01 7.43 -154.92	269.95 6.19 -174.01	338.48 5.56 -254.55	225.09 5.02 -148.36	70.16 4.41 0.00	61.72 3.27 0.00
WATERSIDE___6 8 9 23538	49.96 2.96 0.00	45.18 2.88 0.00	40.73 2.52 0.00	38.65 2.36 0.00	38.96 2.41 0.00	40.73 2.45 0.00	46.94 2.82 0.00	49.36 3.32 0.00	53.83 3.43 0.00	56.84 3.67 0.00	62.76 3.83 0.00	68.12 3.73 0.01	71.12 4.72 0.01	77.29 4.65 0.01	88.31 6.54 0.01	108.02 9.33 -5.34	124.45 10.61 -6.70	150.35 10.39 -33.96	147.14 9.80 -29.69	118.16 7.63 -20.78	107.82 4.62 -24.84	89.70 3.66 -14.33	69.17 3.42 0.01	61.01 2.57 0.01
WATKINRD_115KV_LN8_ILLION 55919	46.91 -0.09 0.00	42.27 -0.04 0.00	38.17 -0.04 0.00	36.25 -0.04 0.00	36.55 0.00 0.00	38.28 0.00 0.00	44.07 -0.04 0.00	46.05 0.00 0.00	50.41 0.00 0.00	53.17 0.00 0.00	58.93 0.00 0.00	64.46 0.06 0.00	66.55 0.13 0.00	72.87 0.22 0.00	82.19 0.41 0.00	94.00 0.65 0.00	107.79 0.64 0.00	106.53 0.53 0.00	108.30 0.65 0.00	90.29 0.54 0.00	78.60 0.24 0.00	71.86 0.14 0.00	65.89 0.13 0.00	58.44 0.00 0.00

WDELAWARE___HYD 323627	48.93 1.93 0.00	44.13 1.82 0.00	39.85 1.64 0.00	37.89 1.59 0.00	38.20 1.65 0.00	39.93 1.64 0.00	45.93 1.81 0.00	48.12 2.07 0.00	52.73 2.32 0.00	55.62 2.45 0.00	61.58 2.65 0.00	67.22 2.83 0.00	70.06 3.65 0.00	76.64 3.99 0.00	87.34 5.56 0.00	100.82 7.47 0.00	116.15 9.00 0.00	136.84 8.79 -22.04	139.12 8.83 -22.63	113.15 6.82 -16.58	107.51 4.54 -24.60	90.96 3.80 -15.45	68.98 3.22 0.00	60.61 2.16 0.00
WEST BABYLON___IC 23714	51.47 4.47 0.00	46.67 4.36 0.00	41.99 3.78 0.00	39.81 3.52 0.00	40.02 3.47 0.00	41.96 3.67 0.00	48.18 4.06 0.00	50.47 4.42 0.00	53.58 3.18 0.00	56.30 3.24 0.12	63.27 4.48 0.14	69.65 5.34 0.09	72.59 6.18 0.00	79.55 6.90 0.00	96.54 9.40 -5.35	112.07 12.51 -6.21	127.70 14.89 -5.66	165.31 14.42 -44.89	161.13 14.21 -39.27	131.56 11.22 -30.59	110.58 7.37 -24.85	91.65 5.59 -14.34	71.34 5.59 0.00	61.78 3.33 0.00
WEST CANADA___HYD 24049	47.24 0.24 0.00	42.52 0.21 0.00	38.44 0.23 0.00	36.51 0.22 0.00	36.77 0.22 0.00	38.51 0.23 0.00	44.29 0.18 0.00	46.23 0.18 0.00	50.66 0.25 0.00	53.39 0.21 0.00	59.16 0.24 0.00	64.72 0.32 0.00	66.81 0.40 0.00	73.16 0.51 0.00	82.51 0.73 0.00	94.37 1.03 0.00	108.33 1.18 0.00	107.17 1.17 0.00	108.84 1.19 0.00	90.74 0.99 0.00	78.99 0.62 0.00	72.22 0.51 0.00	66.22 0.46 0.00	58.68 0.23 0.00
WESTERN_NY_WIND 24143	48.65 1.65 0.00	43.32 1.02 0.00	38.67 0.46 0.00	36.80 0.51 0.00	36.84 0.29 0.00	38.55 0.27 0.00	43.72 -0.40 0.00	45.03 -1.01 0.00	48.89 -1.51 0.00	52.22 -0.96 0.00	58.04 -0.88 0.00	63.88 -0.52 0.00	65.88 -0.53 0.00	72.14 -0.51 0.00	81.04 -0.74 0.00	90.64 -2.71 0.00	105.01 -2.14 0.00	107.31 -2.01 -3.32	109.45 -1.61 -3.41	89.85 -0.72 -0.82	78.44 0.08 0.00	71.21 -0.50 0.00	65.56 -0.20 0.00	57.86 -0.58 0.00
WESTOVER___LESR 323668	47.71 0.71 0.00	42.82 0.51 0.00	38.59 0.38 0.00	36.65 0.36 0.00	36.88 0.33 0.00	38.66 0.38 0.00	44.38 0.26 0.00	46.19 0.14 0.00	50.51 0.10 0.00	53.76 0.58 0.00	59.63 0.71 0.00	65.36 0.97 0.00	67.61 1.20 0.00	74.03 1.38 0.00	83.66 1.88 0.00	95.21 1.87 0.00	108.86 1.71 0.00	115.96 1.59 -8.37	118.19 1.94 -8.59	98.25 1.88 -6.62	89.65 1.25 -10.03	79.02 1.00 -6.31	66.81 1.05 0.00	58.74 0.29 0.00
WETHRSFD_WT_PWR 323626	47.05 0.05 0.00	41.93 -0.38 0.00	37.40 -0.80 0.00	35.56 -0.73 0.00	35.57 -0.99 0.00	37.33 -0.96 0.00	42.35 -1.77 0.00	43.56 -2.49 0.00	47.38 -3.02 0.00	50.35 -2.82 0.00	56.16 -2.77 0.00	61.75 -2.64 0.00	63.63 -2.79 0.00	70.18 -2.47 0.00	78.76 -3.02 0.00	88.30 -5.04 0.00	102.33 -4.82 0.00	105.49 -5.09 -4.57	108.04 -4.31 -4.69	88.28 -2.61 -1.13	76.64 -1.72 0.00	69.63 -2.08 0.00	64.50 -1.25 0.00	57.21 -1.23 0.00
WHAVSTOR_138KV_BK127 55557	49.21 2.21 0.00	44.51 2.20 0.00	40.20 1.99 0.00	38.21 1.92 0.00	38.52 1.97 0.00	40.27 1.99 0.00	46.28 2.16 0.00	48.58 2.53 0.00	53.08 2.67 0.00	55.99 2.82 0.00	62.05 3.12 0.00	67.61 3.22 0.00	70.53 4.12 0.00	76.93 4.29 0.00	87.83 6.05 0.00	106.51 8.21 -4.95	123.00 9.64 -6.21	147.78 9.33 -32.45	145.02 8.94 -28.43	116.52 6.91 -19.86	106.53 4.23 -23.93	89.03 3.44 -13.88	68.91 3.16 0.00	60.67 2.22 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	49.21 2.21 0.00	44.51 2.20 0.00	40.20 1.99 0.00	38.21 1.92 0.00	38.52 1.97 0.00	40.27 1.99 0.00	46.28 2.16 0.00	48.58 2.53 0.00	53.08 2.67 0.00	55.99 2.82 0.00	62.05 3.12 0.00	67.61 3.22 0.00	70.53 4.12 0.00	76.93 4.29 0.00	87.83 6.05 0.00	106.51 8.21 -4.95	123.00 9.64 -6.21	147.78 9.33 -32.45	145.02 8.94 -28.43	116.52 6.91 -19.86	106.53 4.23 -23.93	89.03 3.44 -13.88	68.91 3.16 0.00	60.67 2.22 0.00
WHITEHAL_115KV_TB1 80871	50.34 3.34 0.00	45.18 2.88 0.00	40.65 2.45 0.00	38.65 2.36 0.00	39.04 2.49 0.00	41.04 2.76 0.00	46.81 2.69 0.00	48.99 2.95 0.00	53.83 3.43 0.00	56.36 3.19 0.00	62.11 3.18 0.00	67.81 3.41 0.00	69.27 2.86 0.00	76.13 3.49 0.00	86.77 4.99 0.00	120.40 6.53 -20.52	140.69 7.82 -25.72	253.13 9.12 -138.01	272.59 10.01 -154.92	272.37 8.62 -174.01	341.14 8.23 -254.55	227.46 7.39 -148.36	72.07 6.31 0.00	63.12 4.68 0.00
WHITEPLN_13_KV_LOAD 356215	50.25 3.24 0.00	45.44 3.13 0.00	40.96 2.75 0.00	38.94 2.65 0.00	39.26 2.70 0.00	41.04 2.76 0.00	47.29 3.18 0.00	49.59 3.55 0.00	54.29 3.88 0.00	57.27 4.09 0.00	63.52 4.60 0.00	69.35 4.96 0.00	72.66 6.24 0.00	79.33 6.68 0.00	90.53 8.75 0.00	110.25 11.57 -5.33	127.44 13.61 -6.68	153.14 13.25 -33.88	149.88 12.60 -29.63	120.18 9.69 -20.74	109.51 6.35 -24.80	91.05 5.02 -14.31	70.29 4.54 0.00	61.83 3.39 0.00
WM_FLOYD_69_KV_BK2 356380	50.86 3.85 0.00	46.12 3.81 0.00	41.42 3.21 0.00	39.27 2.98 0.00	39.47 2.92 0.00	41.34 3.06 0.00	47.47 3.35 0.00	49.78 3.73 0.00	52.77 2.37 0.00	55.30 2.34 0.21	62.03 3.54 0.43	68.43 4.31 0.28	71.46 5.05 0.00	78.31 5.67 0.00	92.45 8.26 -2.41	110.67 11.57 -5.75	126.32 13.72 -5.46	220.19 13.46 -100.73	231.08 13.35 -110.08	203.69 10.77 -103.17	110.11 6.90 -24.85	91.07 5.02 -14.34	70.49 4.73 0.01	61.07 2.63 0.00
WOODARD___115KV_TB2 355635	47.00 0.00 0.00	42.22 -0.08 0.00	38.06 -0.15 0.00	36.11 -0.18 0.00	36.37 -0.18 0.00	38.13 -0.15 0.00	43.85 -0.26 0.00	45.77 -0.28 0.00	50.15 -0.25 0.00	53.01 -0.16 0.00	58.93 0.00 0.00	64.52 0.13 0.00	66.61 0.20 0.00	72.94 0.29 0.00	82.27 0.49 0.00	93.72 0.37 0.00	108.89 0.43 -1.31	106.32 0.32 0.00	108.09 0.43 0.00	90.29 0.54 0.00	78.52 0.16 0.00	71.71 0.00 0.00	65.76 0.00 0.00	58.09 -0.35 0.00
WOODMERE_69_KV_BK1 55827	51.23 4.23 0.00	46.33 4.02 0.00	41.76 3.55 0.00	39.63 3.34 0.00	39.88 3.33 0.00	41.76 3.48 0.00	48.00 3.88 0.00	50.33 4.28 0.00	53.83 3.43 0.00	56.83 3.67 0.01	63.64 4.71 0.00	69.87 5.47 0.00	72.79 6.38 0.00	79.77 7.12 0.00	134.73 9.57 -43.38	117.88 12.23 -12.31	129.78 14.36 -8.28	157.34 13.99 -37.34	151.03 13.67 -29.70	121.40 10.86 -20.79	110.50 7.29 -24.85	91.79 5.74 -14.34	71.53 5.72 -0.05	62.12 3.62 -0.05
YORK___WARBASSE 23770	50.15 3.15 0.00	45.40 3.09 0.00	40.88 2.67 0.00	38.76 2.47 0.00	39.07 2.52 0.00	40.81 2.53 0.00	46.98 2.87 0.00	49.50 3.45 0.00	53.73 3.33 0.00	56.84 3.67 0.00	62.82 3.89 0.00	68.19 3.80 0.01	71.25 4.85 0.01	77.58 4.94 0.01	88.64 6.87 0.01	108.49 9.80 -5.34	124.77 10.93 -6.69	150.77 10.81 -33.96	147.36 10.01 -29.69	118.43 7.90 -20.78	108.22 5.02 -24.84	90.13 4.09 -14.33	69.30 3.55 0.01	61.07 2.63 0.01