

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		09/07/2023																										
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1 24138	EDT	39.28	36.43	35.54	33.06	32.95	35.38	38.94	40.97	42.90	45.21	52.24	54.32	62.29	73.74	84.72	94.71	126.21	130.95	111.50	96.54	66.81	53.04	46.34	39.13			
		2.53	2.32	2.11	1.96	1.89	2.10	2.34	2.79	3.43	3.92	4.40	4.21	4.88	5.71	6.67	7.06	9.84	9.60	7.40	6.72	4.42	3.88	3.67	2.66			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.76	-15.69	-23.45	-31.72	-28.62	-15.98	-5.72	-2.42	-2.75	0.00			
74TH STREET_GT_1 24260		39.10	36.46	35.54	33.09	32.95	35.38	38.76	41.31	42.90	45.00	52.09	54.17	62.29	73.74	84.72	94.64	126.22	130.85	111.57	96.62	66.86	53.04	46.25	39.31			
		2.35	2.35	2.11	1.99	1.89	2.10	2.16	3.13	3.43	3.72	4.26	4.06	4.88	5.71	6.67	6.98	9.85	9.50	7.47	6.79	4.48	3.88	3.59	2.84			
		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	-4.76	-15.69	-23.45	-31.72	-28.62	-15.98	-5.72	-2.42	-2.74	0.00			
74TH STREET_GT_2 24261		39.10	36.46	35.54	33.09	32.95	35.38	38.76	41.31	42.90	45.00	52.09	54.17	62.29	73.74	84.72	94.64	126.22	130.85	111.57	96.62	66.86	53.04	46.25	39.31			
		2.35	2.35	2.11	1.99	1.89	2.10	2.16	3.13	3.43	3.72	4.26	4.06	4.88	5.71	6.67	6.98	9.85	9.50	7.47	6.79	4.48	3.88	3.59	2.84			
		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	-4.76	-15.69	-23.45	-31.72	-28.62	-15.98	-5.72	-2.42	-2.74	0.00			
ADK HUDSON___FALLS 24011		39.72	36.84	36.01	33.49	33.38	35.91	39.42	41.50	43.13	45.13	52.62	55.27	63.49	75.51	95.73	129.13	132.60	198.39	173.50	131.53	80.21	59.03	47.21	39.50			
		2.98	2.73	2.57	2.39	2.33	2.63	2.82	3.32	3.67	3.84	4.78	5.16	6.09	7.48	7.26	7.12	8.36	8.07	6.87	6.79	5.33	4.58	3.63	3.03			
		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	-15.19	-50.04	-31.32	-100.68	-91.15	-50.89	-18.22	-7.72	-3.65	0.00			
ADK RESOURCE___RCVRY 23798		40.31	37.28	36.44	33.87	33.75	36.34	39.96	41.85	43.73	45.75	53.48	56.22	64.58	76.80	97.09	130.49	134.09	200.10	174.97	132.93	81.23	59.80	47.81	39.97			
		3.56	3.17	3.01	2.77	2.70	3.06	3.37	3.67	4.26	4.46	5.64	6.11	7.18	8.78	8.57	8.34	9.84	9.50	8.08	8.05	6.29	5.33	4.23	3.50			
		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	-15.23	-50.18	-31.33	-100.97	-91.41	-51.03	-18.27	-7.74	-3.66	0.00			
ADK S GLENS___FALLS 24028		39.72	36.84	36.01	33.49	33.38	35.91	39.42	41.50	43.13	45.13	52.62	55.27	63.49	75.51	95.73	129.13	132.60	198.39	173.50	131.53	80.21	59.03	47.21	39.50			
		2.98	2.73	2.57	2.39	2.33	2.63	2.82	3.32	3.67	3.84	4.78	5.16	6.09	7.48	7.26	7.12	8.36	8.07	6.87	6.79	5.33	4.58	3.63	3.03			
		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	-15.19	-50.04	-31.32	-100.68	-91.15	-50.89	-18.22	-7.72	-3.65	0.00			
ADK_NYS___DAM 23527		38.58	35.85	35.10	32.68	32.61	35.01	38.39	40.20	41.95	43.89	50.76	53.01	60.80	71.90	90.06	116.84	128.97	176.61	153.73	119.53	74.96	55.98	45.90	38.47			
		1.84	1.74	1.67	1.59	1.55	1.73	1.79	2.02	2.49	2.60	2.92	2.91	3.39	3.88	4.55	4.61	6.04	5.91	4.90	4.73	3.63	3.04	2.48	2.00			
		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	-12.22	-40.26	-30.01	-81.06	-73.35	-40.95	-14.66	-6.21	-3.51	0.00			
AIR_PRODUCTS___DRP 24190		37.33	34.79	34.10	31.75	31.64	33.95	37.04	39.06	40.41	42.32	49.08	51.11	58.67	69.45	85.29	107.45	125.41	159.87	138.71	109.95	70.26	53.21	44.52	37.31			
		0.59	0.68	0.67	0.65	0.59	0.67	0.44	0.88	0.95	1.03	1.24	1.00	1.26	1.43	1.76	1.73	2.32	2.24	1.74	1.77	1.30	1.26	1.08	0.84			
		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	-10.25	-33.75	-30.17	-68.00	-61.49	-34.33	-12.29	-5.21	-3.52	0.00			
AKWESSNE_115KV_BK 355683		36.05	33.46	32.83	30.57	30.53	32.68	35.94	37.11	38.16	39.63	45.92	48.10	55.34	65.57	70.72	69.38	89.57	86.14	72.99	71.48	54.80	44.82	38.76	35.85			
		-0.70	-0.65	-0.60	-0.53	-0.53	-0.60	-0.66	-1.07	-1.30	-1.65	-1.91	-2.00	-2.07	-2.45	-2.57	-2.59	-3.34	-3.50	-2.49	-2.36	-1.87	-1.92	-1.16	-0.62			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY___1 23571		37.33	34.79	34.10	31.75	31.64	33.95	37.04	39.06	40.41	42.32	49.08	51.11	58.67	69.45	85.29	107.45	125.41	159.87	138.71	109.95	70.26	53.21	44.52	37.31			
		0.59	0.68	0.67	0.65	0.59	0.67	0.44	0.88	0.95	1.03	1.24	1.00	1.26	1.43	1.76	1.73	2.32	2.24	1.74	1.77	1.30	1.26	1.08	0.84			
		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	-10.25	-33.75	-30.17	-68.00	-61.49	-34.33	-12.29	-5.21	-3.52	0.00			
ALBANY___2 23572		37.33	34.79	34.10	31.75	31.64	33.95	37.04	39.06	40.41	42.32	49.08	51.11	58.67	69.45	85.29	107.45	125.41	159.87	138.71	109.95	70.26	53.21	44.52	37.31			
		0.59	0.68	0.67	0.65	0.59	0.67	0.44	0.88	0.95	1.03	1.24	1.00	1.26	1.43	1.76	1.73	2.32	2.24	1.74	1.77	1.30	1.26	1.08	0.84			
		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	-10.25	-33.75	-30.17	-68.00	-61.49	-34.33	-12.29	-5.21	-3.52	0.00			
ALBANY___3 23573		37.33	34.79	34.10	31.75	31.64	33.95	37.04	39.06	40.41	42.32	49.08	51.11	58.67	69.45	85.29	107.45	125.41	159.87	138.71	109.95	70.26	53.21	44.52	37.31			
		0.59	0.68	0.67	0.65	0.59	0.67	0.44	0.88	0.95	1.03	1.24	1.00	1.26	1.43	1.76	1.73	2.32	2.24	1.74	1.77	1.30	1.26	1.08	0.84			
		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	-10.25	-33.75	-30.17	-68.00	-61.49	-34.33	-12.29	-5.21	-3.52	0.00			

ALBANY___4 23574	37.33 0.59 0.00	34.79 0.68 0.00	34.10 0.67 0.00	31.75 0.65 0.00	31.64 0.59 0.00	33.95 0.67 0.00	37.04 0.44 0.00	39.06 0.88 0.00	40.41 0.95 0.00	42.32 1.03 0.00	49.08 1.24 0.00	51.11 1.00 0.00	58.67 1.26 0.00	69.45 1.43 0.00	85.29 1.76 -10.25	107.45 1.73 -33.75	125.41 2.32 -30.17	159.87 2.24 -68.00	138.71 1.74 -61.49	109.95 1.77 -34.33	70.26 1.30 -12.29	53.21 1.26 -5.21	44.52 1.08 -3.52	37.31 0.84 0.00
ALBANY___LFGE 323615	37.89 1.14 0.00	35.20 1.09 0.00	34.47 1.04 0.00	32.09 0.99 0.00	31.98 0.93 0.00	34.35 1.06 0.00	37.55 0.95 0.00	39.33 1.14 0.00	40.93 1.46 0.00	42.94 1.65 0.00	49.75 1.92 0.00	51.86 1.75 0.00	59.53 2.13 0.00	70.54 2.52 0.00	87.83 2.86 -11.69	113.28 2.80 -38.51	127.12 3.72 -30.48	170.76 3.59 -77.54	148.50 2.87 -70.15	115.82 2.81 -39.17	72.84 2.15 -14.02	54.59 1.92 -5.94	45.12 1.64 -3.56	37.67 1.20 0.00
ALCOA_PA_115KV_PL-6C 55860	36.12 -0.62 0.00	33.53 -0.58 0.00	32.87 -0.57 0.00	30.63 -0.47 0.00	30.59 -0.47 0.00	32.75 -0.53 0.00	36.01 -0.59 0.00	37.19 -0.99 0.00	38.28 -1.18 0.00	39.35 -1.94 0.00	45.59 -2.25 0.00	47.80 -2.30 0.00	55.00 -2.41 0.00	65.17 -2.86 0.00	70.36 -2.93 0.00	68.87 -3.09 0.00	89.29 -3.62 0.00	85.42 -4.21 0.00	72.54 -2.94 0.00	71.11 -2.73 0.00	54.46 -2.21 0.00	44.49 -2.24 0.00	38.84 -1.08 0.00	35.96 -0.51 0.00
ALCOA_RYNLDS___DRP 24188	36.12 -0.62 0.00	33.53 -0.58 0.00	32.87 -0.57 0.00	30.63 -0.47 0.00	30.59 -0.47 0.00	32.75 -0.53 0.00	36.01 -0.59 0.00	37.19 -0.99 0.00	38.28 -1.18 0.00	39.35 -1.94 0.00	45.59 -2.25 0.00	47.80 -2.30 0.00	55.00 -2.41 0.00	65.17 -2.86 0.00	70.36 -2.93 0.00	68.87 -3.09 0.00	89.29 -3.62 0.00	85.42 -4.21 0.00	72.54 -2.94 0.00	71.11 -2.73 0.00	54.46 -2.21 0.00	44.49 -2.24 0.00	38.84 -1.08 0.00	35.96 -0.51 0.00
ALCOA___DSASP 323711	36.12 -0.62 0.00	33.53 -0.58 0.00	32.86 -0.57 0.00	30.63 -0.47 0.00	30.59 -0.46 0.00	32.75 -0.53 0.00	36.05 -0.55 0.00	37.42 -0.76 0.00	38.28 -1.18 0.00	40.09 -1.20 0.00	45.64 -2.20 0.00	47.80 -2.30 0.00	55.00 -2.41 0.00	65.17 -2.85 0.00	70.35 -2.93 0.00	68.88 -3.09 0.00	89.29 -3.63 0.00	85.42 -4.21 0.00	72.54 -2.95 0.00	71.12 -2.73 0.00	54.46 -2.21 0.00	44.50 -2.24 0.00	38.68 -1.24 0.00	35.74 -0.73 0.00
ALLEGHENY___COGEN 23514	37.63 0.88 0.00	34.55 0.44 0.00	33.70 0.27 0.00	31.19 0.09 0.00	31.30 0.25 0.00	33.48 0.20 0.00	37.40 0.80 0.00	39.17 0.99 0.00	41.08 1.62 0.00	41.99 0.70 0.00	47.12 -0.72 0.00	49.76 -0.35 0.00	56.26 -1.15 0.00	66.80 -1.22 0.00	71.95 -2.13 -0.79	71.76 -2.81 -2.60	92.62 -4.18 -3.88	92.21 -2.60 -5.18	78.12 -2.03 -4.67	74.54 -1.92 -2.61	57.32 -0.28 -0.93	49.98 2.85 -0.40	41.84 1.48 -0.44	37.67 1.20 0.00
ALTAMONT_115KV_TB 2 55880	37.77 1.03 0.00	35.20 1.09 0.00	34.50 1.07 0.00	32.12 1.03 0.00	32.05 0.99 0.00	34.38 1.10 0.00	37.59 0.99 0.00	39.56 1.37 0.00	40.92 1.46 0.00	42.85 1.57 0.00	49.65 1.82 0.00	51.76 1.65 0.00	59.36 1.95 0.00	70.20 2.18 0.00	85.05 2.57 -9.20	104.78 2.52 -30.29	126.43 3.34 -30.17	154.00 3.32 -61.05	133.32 2.64 -55.19	107.32 2.66 -30.81	69.68 1.98 -11.03	53.23 1.82 -4.67	45.00 1.56 -3.52	37.71 1.24 0.00
ALTONA_WT_PWR 323606	36.31 -0.44 0.00	33.83 -0.27 0.00	33.20 -0.23 0.00	30.94 -0.15 0.00	30.93 -0.12 0.00	33.12 -0.17 0.00	36.56 -0.04 0.00	37.88 -0.31 0.00	38.63 -0.83 0.00	40.54 -0.74 0.00	46.64 -1.19 0.00	48.76 -1.35 0.00	56.15 -1.26 0.00	66.39 -1.63 0.00	71.61 -1.68 0.00	70.03 -1.94 0.00	90.22 -2.70 0.00	86.85 -2.78 0.00	73.82 -1.66 0.00	72.29 -1.55 0.00	55.36 -1.30 0.00	45.20 -1.54 0.00	38.76 -1.16 0.00	35.77 -0.69 0.00
AMERICAN_REF_FUEL 24010	34.98 -1.76 0.00	32.20 -1.91 0.00	31.39 -2.04 0.00	29.17 -1.93 0.00	29.28 -1.77 0.00	31.19 -2.10 0.00	34.84 -1.76 0.00	36.27 -1.91 0.00	38.05 -1.42 0.00	38.56 -2.73 0.00	46.16 -1.68 0.00	48.86 -1.25 0.00	54.71 -2.70 0.00	65.03 -2.99 0.00	69.44 -4.54 -0.70	69.45 -4.82 -2.30	88.81 -7.62 -3.51	87.32 -6.90 -4.59	73.66 -5.96 -4.14	70.25 -5.91 -2.31	54.20 -3.29 -0.83	45.92 -1.17 -0.35	38.72 -1.60 -0.40	35.30 -1.17 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	36.38 -0.37 0.00	33.29 -0.82 0.00	32.43 -1.00 0.00	30.07 -1.03 0.00	30.22 -0.84 0.00	32.19 -1.10 0.00	35.98 -0.62 0.00	37.61 -0.57 0.00	39.74 0.28 0.00	40.62 -0.66 0.00	48.56 0.72 0.00	51.31 1.20 0.00	57.70 0.29 0.00	68.63 0.61 0.00	73.59 -0.51 -0.81	74.12 -0.50 -2.66	93.81 -3.06 -3.96	93.48 -1.44 -5.29	78.74 -1.51 -4.77	74.96 -1.55 -2.66	57.39 -0.23 -0.95	48.35 1.21 -0.40	40.21 -0.16 -0.45	36.83 0.36 0.00
ARTHUR_KILL_GT_1 23520	37.85 2.42 1.33	36.40 2.29 -0.01	35.55 2.11 -0.01	33.07 1.96 -0.01	32.92 1.86 -0.01	35.28 2.00 0.00	37.02 1.87 1.44	37.65 2.45 2.98	37.86 3.20 4.80	38.31 3.51 6.48	39.89 3.63 11.58	39.90 3.36 13.57	40.38 4.08 21.11	41.44 4.76 31.34	42.77 5.64 36.17	42.64 6.05 35.38	81.05 8.64 20.51	85.17 8.34 12.80	45.88 6.41 36.01	42.41 5.83 37.27	40.36 3.80 20.11	40.40 3.22 9.56	40.33 3.23 2.82	37.81 2.34 0.99
ARTHUR_KILL_2 23512	37.70 2.28 1.33	36.30 2.18 -0.01	35.41 1.97 -0.01	32.94 1.83 -0.01	32.83 1.77 -0.01	35.18 1.90 0.00	36.91 1.76 1.44	37.50 2.29 2.98	37.70 3.04 4.80	38.15 3.34 6.48	39.70 3.45 11.58	39.70 3.16 13.57	40.15 3.85 21.11	41.17 4.49 31.34	42.47 5.35 36.17	42.35 5.76 35.38	80.58 8.18 20.51	84.72 7.89 12.80	45.58 6.11 36.01	42.12 5.54 37.27	40.07 3.51 20.11	40.21 3.04 9.56	40.17 3.07 2.82	37.70 2.22 0.99
ARTHUR_KILL_3 23513	37.40 1.98 1.33	35.98 1.87 0.00	35.10 1.67 0.00	32.65 1.55 0.00	32.51 1.46 0.00	34.95 1.66 0.00	36.96 1.79 1.44	37.39 2.18 2.97	37.47 2.80 4.80	38.04 3.22 6.47	39.80 3.54 11.58	39.91 3.36 13.56	40.27 3.96 21.10	41.32 4.63 31.33	42.63 5.50 36.16	42.50 5.90 35.37	80.78 8.37 20.50	84.91 8.07 12.79	45.67 6.19 36.01	42.13 5.54 37.26	40.14 3.57 20.10	40.32 3.13 9.55	40.14 3.03 2.81	37.60 2.11 0.99
ARTHUR_KILL_COGEN 323718	37.85 2.42 1.33	36.40 2.29 -0.01	35.55 2.11 -0.01	33.07 1.96 -0.01	32.92 1.86 -0.01	35.28 2.00 0.00	37.02 1.87 1.44	37.65 2.45 2.98	37.86 3.20 4.80	38.31 3.51 6.48	39.89 3.63 11.58	39.90 3.36 13.57	40.38 4.08 21.11	41.44 4.76 31.34	42.77 5.64 36.17	42.64 6.05 35.38	81.05 8.64 20.51	85.17 8.34 12.80	45.88 6.41 36.01	42.41 5.83 37.27	40.36 3.80 20.11	40.40 3.22 9.56	40.33 3.23 2.82	37.81 2.34 0.99
ASHOKAN____ 23654	39.28 2.53 0.00	36.39 2.29 0.00	35.44 2.01 0.00	33.03 1.93 0.00	32.89 1.83 0.00	35.18 1.90 0.00	38.50 1.90 0.00	40.32 2.14 0.00	41.75 2.29 0.00	43.89 2.60 0.00	50.90 3.06 0.00	52.91 2.80 0.00	61.09 3.68 0.00	72.51 4.49 0.00	84.60 4.10 -7.21	100.03 4.32 -23.75	124.27 4.74 -26.61	142.39 4.93 -47.82	122.54 3.85 -43.21	101.66 3.69 -24.12	67.74 2.43 -8.64	52.45 2.05 -3.66	44.83 1.80 -3.11	38.51 2.04 0.00

ASTORIA_EAST_ENERGY_CC1 323581	39.21 2.46 0.00	36.22 2.12 0.00	35.37 1.94 0.00	32.87 1.77 0.00	32.73 1.68 0.00	35.05 1.76 0.00	38.28 1.68 0.01	40.32 2.14 0.00	42.26 2.80 0.01	44.41 3.14 0.01	51.03 3.21 0.01	53.51 3.41 0.01	61.42 4.02 0.01	72.70 4.69 0.01	83.61 5.57 -4.75	93.47 5.83 -15.68	124.72 8.37 -23.44	129.41 8.07 -31.71	110.28 6.19 -28.61	95.50 5.69 -15.97	66.12 3.74 -5.71	52.33 3.18 -2.41	45.50 2.83 -2.75	38.66 2.19 0.00
ASTORIA_EAST_ENERGY_CC2 323582	39.21 2.46 0.00	36.22 2.12 0.00	35.37 1.94 0.00	32.87 1.77 0.00	32.73 1.68 0.00	35.05 1.76 0.00	38.28 1.68 0.01	40.32 2.14 0.00	42.26 2.80 0.01	44.41 3.14 0.01	51.03 3.21 0.01	53.51 3.41 0.01	61.42 4.02 0.01	72.70 4.69 0.01	83.61 5.57 -4.75	93.47 5.83 -15.68	124.72 8.37 -23.44	129.41 8.07 -31.71	110.28 6.19 -28.61	95.50 5.69 -15.97	66.12 3.74 -5.71	52.33 3.18 -2.41	45.50 2.83 -2.75	38.66 2.19 0.00
ASTORIA_GT2_1 24094	38.99 2.24 0.00	36.22 2.11 0.00	35.37 1.94 0.00	32.87 1.77 0.00	32.73 1.68 0.00	35.08 1.80 0.00	38.17 1.57 0.00	40.78 2.60 0.00	42.27 2.80 0.00	44.26 2.97 0.00	51.04 3.21 0.01	53.51 3.41 0.01	61.42 4.02 0.01	72.71 4.69 0.01	83.61 5.57 -4.75	93.55 5.90 -15.68	124.72 8.36 -23.44	129.41 8.07 -31.71	110.43 6.34 -28.61	95.50 5.69 -15.97	66.12 3.74 -5.71	52.38 3.22 -2.41	45.49 2.83 -2.74	39.06 2.59 0.00
ASTORIA_GT2_2 24095	38.99 2.24 0.00	36.22 2.11 0.00	35.37 1.94 0.00	32.87 1.77 0.00	32.73 1.68 0.00	35.08 1.80 0.00	38.17 1.57 0.00	40.78 2.60 0.00	42.27 2.80 0.00	44.26 2.97 0.00	51.04 3.21 0.01	53.51 3.41 0.01	61.42 4.02 0.01	72.71 4.69 0.01	83.61 5.57 -4.75	93.55 5.90 -15.68	124.72 8.36 -23.44	129.41 8.07 -31.71	110.43 6.34 -28.61	95.50 5.69 -15.97	66.12 3.74 -5.71	52.38 3.22 -2.41	45.49 2.83 -2.74	39.06 2.59 0.00
ASTORIA_GT2_3 24096	38.99 2.24 0.00	36.22 2.11 0.00	35.37 1.94 0.00	32.87 1.77 0.00	32.73 1.68 0.00	35.08 1.80 0.00	38.17 1.57 0.00	40.78 2.60 0.00	42.27 2.80 0.00	44.26 2.97 0.00	51.04 3.21 0.01	53.51 3.41 0.01	61.42 4.02 0.01	72.71 4.69 0.01	83.61 5.57 -4.75	93.55 5.90 -15.68	124.72 8.36 -23.44	129.41 8.07 -31.71	110.43 6.34 -28.61	95.50 5.69 -15.97	66.12 3.74 -5.71	52.38 3.22 -2.41	45.49 2.83 -2.74	39.06 2.59 0.00
ASTORIA_GT2_4 24097	38.99 2.24 0.00	36.22 2.11 0.00	35.37 1.94 0.00	32.87 1.77 0.00	32.73 1.68 0.00	35.08 1.80 0.00	38.17 1.57 0.00	40.78 2.60 0.00	42.27 2.80 0.00	44.26 2.97 0.00	51.04 3.21 0.01	53.51 3.41 0.01	61.42 4.02 0.01	72.71 4.69 0.01	83.61 5.57 -4.75	93.55 5.90 -15.68	124.72 8.36 -23.44	129.41 8.07 -31.71	110.43 6.34 -28.61	95.50 5.69 -15.97	66.12 3.74 -5.71	52.38 3.22 -2.41	45.49 2.83 -2.74	39.06 2.59 0.00
ASTORIA_GT3_1 24098	38.99 2.24 0.00	36.22 2.11 0.00	35.37 1.94 0.00	32.87 1.77 0.00	32.73 1.68 0.00	35.08 1.80 0.00	38.17 1.57 0.00	40.78 2.60 0.00	42.27 2.80 0.00	44.26 2.97 0.00	51.04 3.21 0.01	53.51 3.41 0.01	61.42 4.02 0.01	72.71 4.69 0.01	83.61 5.57 -4.75	93.55 5.90 -15.68	124.72 8.36 -23.44	129.41 8.07 -31.71	110.43 6.34 -28.61	95.50 5.69 -15.97	66.12 3.74 -5.71	52.38 3.22 -2.41	45.49 2.83 -2.74	39.06 2.59 0.00
ASTORIA_GT3_2 24099	38.99 2.24 0.00	36.22 2.11 0.00	35.37 1.94 0.00	32.87 1.77 0.00	32.73 1.68 0.00	35.08 1.80 0.00	38.17 1.57 0.00	40.78 2.60 0.00	42.27 2.80 0.00	44.26 2.97 0.00	51.04 3.21 0.01	53.51 3.41 0.01	61.42 4.02 0.01	72.71 4.69 0.01	83.61 5.57 -4.75	93.55 5.90 -15.68	124.72 8.36 -23.44	129.41 8.07 -31.71	110.43 6.34 -28.61	95.50 5.69 -15.97	66.12 3.74 -5.71	52.38 3.22 -2.41	45.49 2.83 -2.74	39.06 2.59 0.00
ASTORIA_GT3_3 24100	38.99 2.24 0.00	36.22 2.11 0.00	35.37 1.94 0.00	32.87 1.77 0.00	32.73 1.68 0.00	35.08 1.80 0.00	38.17 1.57 0.00	40.78 2.60 0.00	42.27 2.80 0.00	44.26 2.97 0.00	51.04 3.21 0.01	53.51 3.41 0.01	61.42 4.02 0.01	72.71 4.69 0.01	83.61 5.57 -4.75	93.55 5.90 -15.68	124.72 8.36 -23.44	129.41 8.07 -31.71	110.43 6.34 -28.61	95.50 5.69 -15.97	66.12 3.74 -5.71	52.38 3.22 -2.41	45.49 2.83 -2.74	39.06 2.59 0.00
ASTORIA_GT3_4 24101	38.99 2.24 0.00	36.22 2.11 0.00	35.37 1.94 0.00	32.87 1.77 0.00	32.73 1.68 0.00	35.08 1.80 0.00	38.17 1.57 0.00	40.78 2.60 0.00	42.27 2.80 0.00	44.26 2.97 0.00	51.04 3.21 0.01	53.51 3.41 0.01	61.42 4.02 0.01	72.71 4.69 0.01	83.61 5.57 -4.75	93.55 5.90 -15.68	124.72 8.36 -23.44	129.41 8.07 -31.71	110.43 6.34 -28.61	95.50 5.69 -15.97	66.12 3.74 -5.71	52.38 3.22 -2.41	45.49 2.83 -2.74	39.06 2.59 0.00
ASTORIA_GT4_1 24102	38.99 2.24 0.00	36.22 2.11 0.00	35.37 1.94 0.00	32.87 1.77 0.00	32.73 1.68 0.00	35.08 1.80 0.00	38.17 1.57 0.00	40.78 2.60 0.00	42.27 2.80 0.00	44.26 2.97 0.00	51.04 3.21 0.01	53.51 3.41 0.01	61.42 4.02 0.01	72.71 4.69 0.01	83.61 5.57 -4.75	93.55 5.90 -15.68	124.72 8.36 -23.44	129.41 8.07 -31.71	110.43 6.34 -28.61	95.50 5.69 -15.97	66.12 3.74 -5.71	52.38 3.22 -2.41	45.49 2.83 -2.74	39.06 2.59 0.00
ASTORIA_GT4_2 24103	38.99 2.24 0.00	36.22 2.11 0.00	35.37 1.94 0.00	32.87 1.77 0.00	32.73 1.68 0.00	35.08 1.80 0.00	38.17 1.57 0.00	40.78 2.60 0.00	42.27 2.80 0.00	44.26 2.97 0.00	51.04 3.21 0.01	53.51 3.41 0.01	61.42 4.02 0.01	72.71 4.69 0.01	83.61 5.57 -4.75	93.55 5.90 -15.68	124.72 8.36 -23.44	129.41 8.07 -31.71	110.43 6.34 -28.61	95.50 5.69 -15.97	66.12 3.74 -5.71	52.38 3.22 -2.41	45.49 2.83 -2.74	39.06 2.59 0.00
ASTORIA_GT4_3 24104	38.99 2.24 0.00	36.22 2.11 0.00	35.37 1.94 0.00	32.87 1.77 0.00	32.73 1.68 0.00	35.08 1.80 0.00	38.17 1.57 0.00	40.78 2.60 0.00	42.27 2.80 0.00	44.26 2.97 0.00	51.04 3.21 0.01	53.51 3.41 0.01	61.42 4.02 0.01	72.71 4.69 0.01	83.61 5.57 -4.75	93.55 5.90 -15.68	124.72 8.36 -23.44	129.41 8.07 -31.71	110.43 6.34 -28.61	95.50 5.69 -15.97	66.12 3.74 -5.71	52.38 3.22 -2.41	45.49 2.83 -2.74	39.06 2.59 0.00
ASTORIA_GT4_4 24105	38.99 2.24 0.00	36.22 2.11 0.00	35.37 1.94 0.00	32.87 1.77 0.00	32.73 1.68 0.00	35.08 1.80 0.00	38.17 1.57 0.00	40.78 2.60 0.00	42.27 2.80 0.00	44.26 2.97 0.00	51.04 3.21 0.01	53.51 3.41 0.01	61.42 4.02 0.01	72.71 4.69 0.01	83.61 5.57 -4.75	93.55 5.90 -15.68	124.72 8.36 -23.44	129.41 8.07 -31.71	110.43 6.34 -28.61	95.50 5.69 -15.97	66.12 3.74 -5.71	52.38 3.22 -2.41	45.49 2.83 -2.74	39.06 2.59 0.00
ASTORIA_GT_1 23523	39.32 2.57 0.00	36.32 2.22 0.00	35.44 2.01 0.00	32.93 1.83 0.00	32.82 1.77 0.00	35.15 1.86 0.00	38.38 1.79 0.01	40.43 2.25 0.00	42.38 2.92 0.01	44.58 3.30 0.01	51.23 3.40 0.01	53.71 3.61 0.01	61.59 4.19 0.01	72.91 4.90 0.01	83.83 5.79 -4.75	93.76 6.11 -15.68	125.00 8.64 -23.44	129.68 8.34 -31.71	110.58 6.49 -28.61	95.72 5.91 -15.97	66.28 3.91 -5.71	52.47 3.32 -2.41	45.66 3.00 -2.75	38.77 2.30 0.00

ASTORIA_GT_10 24110	38.91 2.17 0.00	36.26 2.15 0.00	35.37 1.94 0.00	32.87 1.77 0.00	32.76 1.71 0.00	35.15 1.86 0.00	38.39 1.79 0.00	41.01 2.83 0.00	42.50 3.04 0.00	44.51 3.22 0.00	51.32 3.49 0.01	53.41 3.31 0.01	57.76 3.96 3.61	57.31 4.69 15.41	57.69 5.57 21.17	57.66 5.90 20.21	112.13 8.36 -10.85	116.25 8.07 -18.55	61.06 6.27 20.69	57.14 5.61 22.31	53.81 3.68 6.54	52.33 3.18 -2.41	45.73 3.07 -2.74	39.09 2.63 0.00
ASTORIA_GT_11 24225	38.91 2.17 0.00	36.26 2.15 0.00	35.37 1.94 0.00	32.87 1.77 0.00	32.76 1.71 0.00	35.15 1.86 0.00	38.39 1.79 0.00	41.01 2.83 0.00	42.50 3.04 0.00	44.51 3.22 0.00	51.32 3.49 0.01	53.41 3.31 0.01	57.76 3.96 3.61	57.31 4.69 15.41	57.69 5.57 21.17	57.66 5.90 20.21	112.13 8.36 -10.85	116.25 8.07 -18.55	61.06 6.27 20.69	57.14 5.61 22.31	53.81 3.68 6.54	52.33 3.18 -2.41	45.73 3.07 -2.74	39.09 2.63 0.00
ASTORIA_GT_12 24226	38.91 2.17 0.00	36.26 2.15 0.00	35.37 1.94 0.00	32.87 1.77 0.00	32.76 1.71 0.00	35.15 1.86 0.00	38.39 1.79 0.00	41.01 2.83 0.00	42.50 3.04 0.00	44.51 3.22 0.00	51.32 3.49 0.01	53.41 3.31 0.01	57.76 3.96 3.61	57.31 4.69 15.41	57.69 5.57 21.17	57.66 5.90 20.21	112.13 8.36 -10.85	116.25 8.07 -18.55	61.06 6.27 20.69	57.14 5.61 22.31	53.81 3.68 6.54	52.33 3.18 -2.41	45.73 3.07 -2.74	39.09 2.63 0.00
ASTORIA_GT_13 24227	38.91 2.17 0.00	36.26 2.15 0.00	35.37 1.94 0.00	32.87 1.77 0.00	32.76 1.71 0.00	35.15 1.86 0.00	38.39 1.79 0.00	41.01 2.83 0.00	42.50 3.04 0.00	44.51 3.22 0.00	51.32 3.49 0.01	53.41 3.31 0.01	57.76 3.96 3.61	57.31 4.69 15.41	57.69 5.57 21.17	57.66 5.90 20.21	112.13 8.36 -10.85	116.25 8.07 -18.55	61.06 6.27 20.69	57.14 5.61 22.31	53.81 3.68 6.54	52.33 3.18 -2.41	45.73 3.07 -2.74	39.09 2.63 0.00
ASTORIA_GT_5 24106	39.32 2.57 0.00	36.32 2.22 0.00	35.44 2.01 0.00	32.93 1.83 0.00	32.82 1.77 0.00	35.15 1.86 0.00	38.38 1.79 0.01	40.43 2.25 0.00	42.38 2.92 0.01	44.58 3.30 0.01	51.23 3.40 0.01	53.71 3.61 0.01	61.59 4.19 0.01	72.91 4.90 0.01	83.83 5.79 -4.75	93.76 6.11 -15.68	125.00 8.64 -23.44	129.68 8.34 -31.71	110.58 6.49 -28.61	95.72 5.91 -15.97	66.28 3.91 -5.71	52.47 3.32 -2.41	45.66 3.00 -2.75	38.77 2.30 0.00
ASTORIA_GT_7 24107	39.32 2.57 0.00	36.32 2.22 0.00	35.44 2.01 0.00	32.93 1.83 0.00	32.82 1.77 0.00	35.15 1.86 0.00	38.38 1.79 0.01	40.43 2.25 0.00	42.38 2.92 0.01	44.58 3.30 0.01	51.23 3.40 0.01	53.71 3.61 0.01	61.59 4.19 0.01	72.91 4.90 0.01	83.83 5.79 -4.75	93.76 6.11 -15.68	125.00 8.64 -23.44	129.68 8.34 -31.71	110.58 6.49 -28.61	95.72 5.91 -15.97	66.28 3.91 -5.71	52.47 3.32 -2.41	45.66 3.00 -2.75	38.77 2.30 0.00
ASTORIA_GT_8 24108	39.10 2.35 0.00	36.32 2.22 0.00	35.44 2.01 0.00	32.93 1.83 0.00	32.82 1.77 0.00	35.15 1.86 0.00	38.25 1.65 0.00	40.85 2.67 0.00	42.38 2.92 0.00	44.38 3.10 0.00	51.18 3.35 0.01	53.66 3.56 0.01	61.59 4.19 0.01	72.91 4.90 0.01	83.83 5.79 -4.75	93.76 6.12 -15.68	125.00 8.64 -23.44	129.68 8.34 -31.71	110.66 6.57 -28.61	95.72 5.91 -15.97	66.29 3.91 -5.71	52.47 3.32 -2.41	45.61 2.95 -2.74	39.17 2.70 0.00
ASTORIA___2 24149	39.21 2.46 0.00	36.22 2.12 0.00	35.37 1.94 0.00	32.87 1.77 0.00	32.73 1.68 0.00	35.08 1.80 0.00	38.31 1.72 0.01	40.32 2.14 0.00	42.26 2.80 0.01	44.46 3.18 0.01	51.08 3.25 0.01	53.55 3.45 0.01	61.42 4.02 0.01	72.70 4.69 0.01	83.61 5.57 -4.75	93.55 5.90 -15.68	124.72 8.37 -23.44	129.41 8.07 -31.71	110.35 6.26 -28.61	95.50 5.69 -15.97	66.12 3.74 -5.71	52.37 3.22 -2.41	45.54 2.88 -2.75	38.66 2.19 0.00
ASTORIA___3 23516	39.13 2.39 0.00	36.26 2.15 0.00	35.37 1.94 0.00	32.87 1.77 0.00	32.76 1.71 0.00	35.15 1.86 0.00	38.54 1.94 0.00	40.55 2.37 0.00	42.50 3.04 0.00	44.71 3.42 0.00	51.37 3.54 0.01	53.46 3.36 0.01	57.75 3.96 3.61	57.31 4.69 15.41	57.62 5.50 21.17	57.66 5.90 20.21	112.13 8.37 -10.85	116.25 8.07 -18.55	60.98 6.19 20.69	57.14 5.61 22.31	53.76 3.63 6.54	52.33 3.18 -2.41	45.78 3.12 -2.75	38.77 2.30 0.00
ASTORIA___4 23517	38.91 2.17 0.00	36.26 2.15 0.00	35.37 1.94 0.00	32.87 1.77 0.00	32.76 1.71 0.00	35.15 1.86 0.00	38.39 1.79 0.00	40.97 2.79 0.00	42.50 3.04 0.00	44.51 3.22 0.00	51.32 3.49 0.01	53.41 3.31 0.01	57.76 3.96 3.61	57.31 4.69 15.41	57.61 5.50 21.17	57.66 5.90 20.21	112.13 8.36 -10.85	116.25 8.07 -18.55	61.06 6.27 20.69	57.14 5.61 22.31	53.81 3.68 6.54	52.33 3.18 -2.41	45.73 3.07 -2.74	39.09 2.63 0.00
ASTORIA___5 23518	39.13 2.39 0.00	36.26 2.15 0.00	35.37 1.94 0.00	32.87 1.77 0.00	32.76 1.71 0.00	35.15 1.86 0.00	38.54 1.94 0.00	40.55 2.37 0.00	42.50 3.04 0.00	44.71 3.42 0.00	51.37 3.54 0.01	53.46 3.36 0.01	57.75 3.96 3.61	57.31 4.69 15.41	57.62 5.50 21.17	57.66 5.90 20.21	112.13 8.37 -10.85	116.25 8.07 -18.55	60.98 6.19 20.69	57.14 5.61 22.31	53.76 3.63 6.54	52.33 3.18 -2.41	45.78 3.12 -2.75	38.77 2.30 0.00
AST_ENERGY_2_CC3 323677	38.95 2.20 0.00	36.15 2.05 0.00	35.24 1.80 0.00	32.81 1.71 0.00	32.70 1.64 0.00	35.08 1.80 0.00	38.57 1.98 0.00	40.55 2.37 0.00	42.46 3.00 0.00	44.71 3.42 0.00	51.62 3.78 0.00	53.72 3.61 0.00	61.66 4.25 0.00	72.99 4.96 0.00	83.92 5.87 -4.76	93.91 6.26 -15.69	125.20 8.83 -23.45	129.87 8.52 -31.72	110.66 6.56 -28.62	95.73 5.91 -15.98	66.24 3.86 -5.72	52.53 3.37 -2.42	45.90 3.23 -2.75	38.77 2.30 0.00
AST_ENERGY_2_CC4 323678	38.95 2.20 0.00	36.15 2.05 0.00	35.24 1.80 0.00	32.81 1.71 0.00	32.70 1.64 0.00	35.08 1.80 0.00	38.57 1.98 0.00	40.55 2.37 0.00	42.46 3.00 0.00	44.71 3.42 0.00	51.62 3.78 0.00	53.72 3.61 0.00	61.66 4.25 0.00	72.99 4.96 0.00	83.92 5.87 -4.76	93.91 6.26 -15.69	125.20 8.83 -23.45	129.87 8.52 -31.72	110.66 6.56 -28.62	95.73 5.91 -15.98	66.24 3.86 -5.72	52.53 3.37 -2.42	45.90 3.23 -2.75	38.77 2.30 0.00
ATHENS_STG_1 23668	37.81 1.07 0.00	35.17 1.06 0.00	34.50 1.07 0.00	32.09 0.99 0.00	32.02 0.96 0.00	34.35 1.06 0.00	37.62 1.02 0.00	39.44 1.26 0.00	41.00 1.54 0.00	43.02 1.73 0.00	49.80 1.96 0.00	51.91 1.80 0.00	59.53 2.13 0.00	70.40 2.38 0.00	81.20 2.86 -5.06	91.50 2.88 -16.65	123.42 3.99 -26.51	127.24 3.94 -33.66	108.87 3.02 -30.36	93.75 2.96 -16.95	64.83 2.10 -6.07	51.22 1.92 -2.57	44.74 1.72 -3.10	37.64 1.17 0.00
ATHENS_STG_2 23670	37.81 1.07 0.00	35.17 1.06 0.00	34.50 1.07 0.00	32.09 0.99 0.00	32.02 0.96 0.00	34.35 1.06 0.00	37.62 1.02 0.00	39.44 1.26 0.00	41.00 1.54 0.00	43.02 1.73 0.00	49.80 1.96 0.00	51.91 1.80 0.00	59.53 2.13 0.00	70.40 2.38 0.00	81.20 2.86 -5.06	91.50 2.88 -16.65	123.42 3.99 -26.51	127.24 3.94 -33.66	108.87 3.02 -30.36	93.75 2.96 -16.95	64.83 2.10 -6.07	51.22 1.92 -2.57	44.74 1.72 -3.10	37.64 1.17 0.00

ATHENS_STG_3 23677	37.81 1.07 0.00	35.17 1.06 0.00	34.50 1.07 0.00	32.09 0.99 0.00	32.02 0.96 0.00	34.35 1.06 0.00	37.62 1.02 0.00	39.44 1.26 0.00	41.00 1.54 0.00	43.02 1.73 0.00	49.80 1.96 0.00	51.91 1.80 0.00	59.53 2.13 0.00	70.40 2.38 0.00	81.20 2.86 -5.06	91.50 2.88 -16.65	123.42 3.99 -26.51	127.24 3.94 -33.66	108.87 3.02 -30.36	93.75 2.96 -16.95	64.83 2.10 -6.07	51.22 1.92 -2.57	44.74 1.72 -3.10	37.64 1.17 0.00
AUBURN___LFGE 323710	37.66 0.92 0.00	34.79 0.68 0.00	34.04 0.60 0.00	31.60 0.50 0.00	31.58 0.53 0.00	33.85 0.57 0.00	37.51 0.91 0.00	39.17 0.99 0.00	40.81 1.34 0.00	42.90 1.61 0.00	49.65 1.82 0.00	52.26 2.15 0.00	59.71 2.30 0.00	70.95 2.92 0.00	76.79 2.93 -0.57	76.50 2.66 -1.87	98.89 3.07 -2.91	96.65 3.32 -3.70	81.62 2.79 -3.34	78.44 2.73 -1.86	59.60 2.27 -0.67	49.03 2.01 -0.28	41.42 1.16 -0.34	37.20 0.73 0.00
BABYLON_RES_REC 323704	44.23 3.27 -4.22	42.22 3.00 -5.11	42.06 2.81 -5.82	37.28 2.64 -3.54	35.07 2.61 -1.41	36.93 2.83 -0.82	39.46 2.86 -0.01	41.88 3.17 -0.53	43.24 3.47 -0.30	45.97 3.84 -0.84	56.92 3.45 -5.63	56.75 3.45 -3.19	67.25 4.42 -5.42	88.75 5.24 -15.49	101.54 6.97 -21.29	106.11 7.06 -27.09	136.14 9.75 -33.47	140.26 9.50 -41.13	123.08 6.94 -40.65	107.11 6.57 -26.69	85.75 4.87 -24.21	58.62 3.93 -7.95	50.91 3.95 -7.04	43.27 3.06 -3.74
BABYLON__69_KV_BK2 356345	46.22 3.64 -5.83	42.70 3.48 -5.12	42.75 3.21 -6.11	37.72 3.08 -3.54	35.47 3.01 -1.41	37.39 3.30 -0.82	40.12 3.51 0.00	43.36 4.39 -0.79	44.81 4.38 -0.96	47.74 3.80 -2.66	67.98 4.59 -15.55	64.81 4.61 -10.09	80.36 5.80 -17.16	123.78 6.73 -49.02	138.93 8.57 -57.06	121.36 8.85 -40.54	147.25 11.99 -42.34	167.89 11.65 -66.61	151.08 8.91 -66.69	118.59 8.57 -36.18	127.15 6.29 -64.20	71.71 5.05 -19.92	60.88 4.63 -16.33	48.31 4.19 -7.65
BARON_WINDS___WT_PWR 323822	36.67 -0.07 0.00	33.73 -0.37 0.00	32.93 -0.50 0.00	30.60 -0.50 0.00	30.68 -0.37 0.00	32.75 -0.53 0.00	36.45 -0.15 0.00	38.11 -0.08 0.00	39.94 0.48 0.00	41.12 -0.16 0.00	48.56 0.72 0.00	51.16 1.05 0.00	57.81 0.40 0.00	68.77 0.75 0.00	74.33 0.00 -1.04	75.24 -0.14 -3.42	96.08 -1.77 -4.93	95.90 -0.53 -6.80	81.10 -0.52 -6.14	76.68 -0.59 -3.43	58.18 0.28 -1.23	48.47 1.21 -0.52	40.64 0.16 -0.56	36.80 0.33 0.00
BARRETT_IC_1 23704	42.78 2.68 -3.35	41.74 2.52 -5.11	41.41 2.34 -5.64	36.85 2.21 -3.55	34.61 2.14 -1.42	36.47 2.36 -0.82	39.13 2.52 -0.01	41.14 2.87 -0.09	42.78 3.32 0.00	44.92 3.63 0.00	51.28 3.45 0.00	53.56 3.45 0.00	61.55 4.14 -0.01	72.58 4.56 0.00	84.12 6.08 -4.76	93.93 6.26 -15.70	125.10 8.73 -23.45	129.88 8.52 -31.73	110.29 6.19 -28.62	95.58 5.76 -15.97	66.65 4.25 -5.73	52.85 3.69 -2.42	46.47 3.79 -2.75	40.77 2.74 -1.56
BARRETT_IC_10 23701	42.78 2.68 -3.35	41.74 2.52 -5.11	41.41 2.34 -5.64	36.85 2.21 -3.55	34.61 2.14 -1.42	36.47 2.36 -0.82	39.13 2.52 -0.01	41.14 2.87 -0.09	42.78 3.32 0.00	44.92 3.63 0.00	51.28 3.45 0.00	53.56 3.45 0.00	61.55 4.14 -0.01	72.58 4.56 0.00	84.12 6.08 -4.76	93.93 6.26 -15.70	125.10 8.73 -23.45	129.88 8.52 -31.73	110.29 6.19 -28.62	95.58 5.76 -15.97	66.65 4.25 -5.73	52.85 3.69 -2.42	46.47 3.79 -2.75	40.77 2.74 -1.56
BARRETT_IC_11 23702	42.78 2.68 -3.35	41.74 2.52 -5.11	41.41 2.34 -5.64	36.85 2.21 -3.55	34.61 2.14 -1.42	36.47 2.36 -0.82	39.13 2.52 -0.01	41.14 2.87 -0.09	42.78 3.32 0.00	44.92 3.63 0.00	51.28 3.45 0.00	53.56 3.45 0.00	61.55 4.14 -0.01	72.58 4.56 0.00	84.12 6.08 -4.76	93.93 6.26 -15.70	125.10 8.73 -23.45	129.88 8.52 -31.73	110.29 6.19 -28.62	95.58 5.76 -15.97	66.65 4.25 -5.73	52.85 3.69 -2.42	46.47 3.79 -2.75	40.77 2.74 -1.56
BARRETT_IC_12 23703	42.78 2.68 -3.35	41.74 2.52 -5.11	41.41 2.34 -5.64	36.85 2.21 -3.55	34.61 2.14 -1.42	36.47 2.36 -0.82	39.13 2.52 -0.01	41.14 2.87 -0.09	42.78 3.32 0.00	44.92 3.63 0.00	51.28 3.45 0.00	53.56 3.45 0.00	61.55 4.14 -0.01	72.58 4.56 0.00	84.12 6.08 -4.76	93.93 6.26 -15.70	125.10 8.73 -23.45	129.88 8.52 -31.73	110.29 6.19 -28.62	95.58 5.76 -15.97	66.65 4.25 -5.73	52.85 3.69 -2.42	46.47 3.79 -2.75	40.77 2.74 -1.56
BARRETT_IC_2 23705	42.78 2.68 -3.35	41.74 2.52 -5.11	41.41 2.34 -5.64	36.85 2.21 -3.55	34.61 2.14 -1.42	36.47 2.36 -0.82	39.13 2.52 -0.01	41.14 2.87 -0.09	42.78 3.32 0.00	44.92 3.63 0.00	51.28 3.45 0.00	53.56 3.45 0.00	61.55 4.14 -0.01	72.58 4.56 0.00	84.12 6.08 -4.76	93.93 6.26 -15.70	125.10 8.73 -23.45	129.88 8.52 -31.73	110.29 6.19 -28.62	95.58 5.76 -15.97	66.65 4.25 -5.73	52.85 3.69 -2.42	46.47 3.79 -2.75	40.77 2.74 -1.56
BARRETT_IC_3 23706	42.78 2.68 -3.35	41.74 2.52 -5.11	41.41 2.34 -5.64	36.85 2.21 -3.55	34.61 2.14 -1.42	36.47 2.36 -0.82	39.13 2.52 -0.01	41.14 2.87 -0.09	42.78 3.32 0.00	44.92 3.63 0.00	51.28 3.45 0.00	53.56 3.45 0.00	61.55 4.14 -0.01	72.58 4.56 0.00	84.12 6.08 -4.76	93.93 6.26 -15.70	125.10 8.73 -23.45	129.88 8.52 -31.73	110.29 6.19 -28.62	95.58 5.76 -15.97	66.65 4.25 -5.73	52.85 3.69 -2.42	46.47 3.79 -2.75	40.77 2.74 -1.56
BARRETT_IC_4 23707	42.78 2.68 -3.35	41.74 2.52 -5.11	41.41 2.34 -5.64	36.85 2.21 -3.55	34.61 2.14 -1.42	36.47 2.36 -0.82	39.13 2.52 -0.01	41.14 2.87 -0.09	42.78 3.32 0.00	44.92 3.63 0.00	51.28 3.45 0.00	53.56 3.45 0.00	61.55 4.14 -0.01	72.58 4.56 0.00	84.12 6.08 -4.76	93.93 6.26 -15.70	125.10 8.73 -23.45	129.88 8.52 -31.73	110.29 6.19 -28.62	95.58 5.76 -15.97	66.65 4.25 -5.73	52.85 3.69 -2.42	46.47 3.79 -2.75	40.77 2.74 -1.56
BARRETT_IC_5 23708	42.78 2.68 -3.35	41.74 2.52 -5.11	41.41 2.34 -5.64	36.85 2.21 -3.55	34.61 2.14 -1.42	36.47 2.36 -0.82	39.13 2.52 -0.01	41.14 2.87 -0.09	42.78 3.32 0.00	44.92 3.63 0.00	51.28 3.45 0.00	53.56 3.45 0.00	61.55 4.14 -0.01	72.58 4.56 0.00	84.12 6.08 -4.76	93.93 6.26 -15.70	125.10 8.73 -23.45	129.88 8.52 -31.73	110.29 6.19 -28.62	95.58 5.76 -15.97	66.65 4.25 -5.73	52.85 3.69 -2.42	46.47 3.79 -2.75	40.77 2.74 -1.56
BARRETT_IC_6 23709	42.78 2.68 -3.35	41.74 2.52 -5.11	41.41 2.34 -5.64	36.85 2.21 -3.55	34.61 2.14 -1.42	36.47 2.36 -0.82	39.13 2.52 -0.01	41.14 2.87 -0.09	42.78 3.32 0.00	44.92 3.63 0.00	51.28 3.45 0.00	53.56 3.45 0.00	61.55 4.14 -0.01	72.58 4.56 0.00	84.12 6.08 -4.76	93.93 6.26 -15.70	125.10 8.73 -23.45	129.88 8.52 -31.73	110.29 6.19 -28.62	95.58 5.76 -15.97	66.65 4.25 -5.73	52.85 3.69 -2.42	46.47 3.79 -2.75	40.77 2.74 -1.56
BARRETT_IC_7 23710	42.63 2.54 -3.35	41.73 2.52 -5.10	41.40 2.34 -5.63	36.85 2.21 -3.54	34.60 2.14 -1.41	36.46 2.36 -0.82	39.02 2.42 0.00	41.45 3.17 -0.09	42.78 3.32 0.00	44.05 2.77 0.00	51.19 3.35 0.00	53.51 3.41 0.00	61.54 4.13 0.00	72.58 4.56 0.00	84.06 6.01 -4.76	93.94 6.26 -15.71	125.11 8.73 -23.46	129.88 8.52 -31.73	110.45 6.34 -28.63	95.81 5.98 -15.98	66.58 4.19 -5.72	52.85 3.69 -2.42	46.33 3.67 -2.74	40.98 2.95 -1.56

BARRETT_IC_8 23711	42.78 2.68 -3.35	41.74 2.52 -5.11	41.41 2.34 -5.64	36.85 2.21 -3.55	34.61 2.14 -1.42	36.47 2.36 -0.82	39.13 2.52 -0.01	41.14 2.87 -0.09	42.78 3.32 0.00	44.92 3.63 0.00	51.28 3.45 0.00	53.56 3.45 0.00	61.55 4.14 -0.01	72.58 4.56 0.00	84.12 6.08 -4.76	93.93 6.26 -15.70	125.10 8.73 -23.45	129.88 8.52 -31.73	110.29 6.19 -28.62	95.58 5.76 -15.97	66.65 4.25 -5.73	52.85 3.69 -2.42	46.47 3.79 -2.75	40.77 2.74 -1.56
BARRETT_IC_9 23700	42.78 2.68 -3.35	41.74 2.52 -5.11	41.41 2.34 -5.64	36.85 2.21 -3.55	34.61 2.14 -1.42	36.47 2.36 -0.82	39.13 2.52 -0.01	41.14 2.87 -0.09	42.78 3.32 0.00	44.92 3.63 0.00	51.28 3.45 0.00	53.56 3.45 0.00	61.55 4.14 -0.01	72.58 4.56 0.00	84.12 6.08 -4.76	93.93 6.26 -15.70	125.10 8.73 -23.45	129.88 8.52 -31.73	110.29 6.19 -28.62	95.58 5.76 -15.97	66.65 4.25 -5.73	52.85 3.69 -2.42	46.47 3.79 -2.75	40.77 2.74 -1.56
BARRETT___1 23545	42.78 2.68 -3.35	41.74 2.52 -5.11	41.41 2.34 -5.64	36.85 2.21 -3.55	34.61 2.14 -1.42	36.47 2.36 -0.82	39.13 2.52 -0.01	41.14 2.87 -0.09	42.78 3.32 0.00	44.92 3.63 0.00	51.28 3.45 0.00	53.56 3.45 0.00	61.55 4.14 -0.01	72.58 4.56 0.00	84.12 6.08 -4.76	93.93 6.26 -15.70	125.10 8.73 -23.45	129.88 8.52 -31.73	110.29 6.19 -28.62	95.58 5.76 -15.97	66.65 4.25 -5.73	52.85 3.69 -2.42	46.47 3.79 -2.75	40.77 2.74 -1.56
BARRETT___2 23546	42.78 2.68 -3.35	41.74 2.52 -5.11	41.41 2.34 -5.64	36.85 2.21 -3.55	34.61 2.14 -1.42	36.47 2.36 -0.82	39.13 2.52 -0.01	41.14 2.87 -0.09	42.78 3.32 0.00	44.92 3.63 0.00	51.28 3.45 0.00	53.56 3.45 0.00	61.55 4.14 -0.01	72.58 4.56 0.00	84.12 6.08 -4.76	93.93 6.26 -15.70	125.10 8.73 -23.45	129.88 8.52 -31.73	110.29 6.19 -28.62	95.58 5.76 -15.97	66.65 4.25 -5.73	52.85 3.69 -2.42	46.47 3.79 -2.75	40.77 2.74 -1.56
BATAVIA___115KV_TB1 55881	37.19 0.44 0.00	33.63 -0.48 0.00	32.80 -0.64 0.00	30.38 -0.72 0.00	30.53 -0.53 0.00	32.55 -0.73 0.00	36.89 0.29 0.00	38.07 -0.11 0.00	40.02 0.55 0.00	42.15 0.87 0.00	48.70 0.86 0.00	51.61 1.50 0.00	57.75 0.34 0.00	68.84 0.82 0.00	73.99 0.07 -0.63	73.69 -0.36 -2.08	94.53 -1.58 -3.19	92.88 -0.90 -4.14	78.08 -1.13 -3.73	74.08 -1.85 -2.08	57.02 -0.40 -0.75	47.94 0.89 -0.32	39.69 -0.60 -0.37	35.08 -1.39 0.00
BAYONEEC___CTG1 323682	38.91 2.17 0.00	36.15 2.05 0.00	35.27 1.84 0.00	32.81 1.71 0.00	32.70 1.64 0.00	35.11 1.83 0.00	38.57 1.98 0.00	40.55 2.37 0.00	42.50 3.04 0.00	44.75 3.47 0.00	40.04 3.78 11.58	40.16 3.61 13.56	40.56 4.25 21.10	41.73 5.03 31.33	43.00 5.87 36.16	42.86 6.26 35.37	81.25 8.83 20.50	85.36 8.52 12.79	46.04 6.56 36.01	42.57 5.98 37.26	40.42 3.86 20.10	40.55 3.37 9.55	40.34 3.23 2.81	37.78 2.30 0.99
BAYONEEC___CTG10 323750	38.91 2.17 0.00	36.15 2.05 0.00	35.27 1.84 0.00	32.81 1.71 0.00	32.70 1.64 0.00	35.11 1.83 0.00	38.57 1.98 0.00	40.55 2.37 0.00	42.50 3.04 0.00	44.75 3.47 0.00	40.04 3.78 11.58	40.16 3.61 13.56	40.56 4.25 21.10	41.73 5.03 31.33	43.00 5.87 36.16	42.86 6.26 35.37	81.25 8.83 20.50	85.36 8.52 12.79	46.04 6.56 36.01	42.57 5.98 37.26	40.42 3.86 20.10	40.55 3.37 9.55	40.34 3.23 2.81	37.78 2.30 0.99
BAYONEEC___CTG2 323683	38.91 2.17 0.00	36.15 2.05 0.00	35.27 1.84 0.00	32.81 1.71 0.00	32.70 1.64 0.00	35.11 1.83 0.00	38.57 1.98 0.00	40.55 2.37 0.00	42.50 3.04 0.00	44.75 3.47 0.00	40.04 3.78 11.58	40.16 3.61 13.56	40.56 4.25 21.10	41.73 5.03 31.33	43.00 5.87 36.16	42.86 6.26 35.37	81.25 8.83 20.50	85.36 8.52 12.79	46.04 6.56 36.01	42.57 5.98 37.26	40.42 3.86 20.10	40.55 3.37 9.55	40.34 3.23 2.81	37.78 2.30 0.99
BAYONEEC___CTG3 323684	38.91 2.17 0.00	36.15 2.05 0.00	35.27 1.84 0.00	32.81 1.71 0.00	32.70 1.64 0.00	35.11 1.83 0.00	38.57 1.98 0.00	40.55 2.37 0.00	42.50 3.04 0.00	44.75 3.47 0.00	40.04 3.78 11.58	40.16 3.61 13.56	40.56 4.25 21.10	41.73 5.03 31.33	43.00 5.87 36.16	42.86 6.26 35.37	81.25 8.83 20.50	85.36 8.52 12.79	46.04 6.56 36.01	42.57 5.98 37.26	40.42 3.86 20.10	40.55 3.37 9.55	40.34 3.23 2.81	37.78 2.30 0.99
BAYONEEC___CTG4 323685	38.91 2.17 0.00	36.15 2.05 0.00	35.27 1.84 0.00	32.81 1.71 0.00	32.70 1.64 0.00	35.11 1.83 0.00	38.57 1.98 0.00	40.55 2.37 0.00	42.50 3.04 0.00	44.75 3.47 0.00	40.04 3.78 11.58	40.16 3.61 13.56	40.56 4.25 21.10	41.73 5.03 31.33	43.00 5.87 36.16	42.86 6.26 35.37	81.25 8.83 20.50	85.36 8.52 12.79	46.04 6.56 36.01	42.57 5.98 37.26	40.42 3.86 20.10	40.55 3.37 9.55	40.34 3.23 2.81	37.78 2.30 0.99
BAYONEEC___CTG5 323686	38.91 2.17 0.00	36.15 2.05 0.00	35.27 1.84 0.00	32.81 1.71 0.00	32.70 1.64 0.00	35.11 1.83 0.00	38.57 1.98 0.00	40.55 2.37 0.00	42.50 3.04 0.00	44.75 3.47 0.00	40.04 3.78 11.58	40.16 3.61 13.56	40.56 4.25 21.10	41.73 5.03 31.33	43.00 5.87 36.16	42.86 6.26 35.37	81.25 8.83 20.50	85.36 8.52 12.79	46.04 6.56 36.01	42.57 5.98 37.26	40.42 3.86 20.10	40.55 3.37 9.55	40.34 3.23 2.81	37.78 2.30 0.99
BAYONEEC___CTG6 323687	38.91 2.17 0.00	36.15 2.05 0.00	35.27 1.84 0.00	32.81 1.71 0.00	32.70 1.64 0.00	35.11 1.83 0.00	38.57 1.98 0.00	40.55 2.37 0.00	42.50 3.04 0.00	44.75 3.47 0.00	40.04 3.78 11.58	40.16 3.61 13.56	40.56 4.25 21.10	41.73 5.03 31.33	43.00 5.87 36.16	42.86 6.26 35.37	81.25 8.83 20.50	85.36 8.52 12.79	46.04 6.56 36.01	42.57 5.98 37.26	40.42 3.86 20.10	40.55 3.37 9.55	40.34 3.23 2.81	37.78 2.30 0.99
BAYONEEC___CTG7 323688	38.91 2.17 0.00	36.15 2.05 0.00	35.27 1.84 0.00	32.81 1.71 0.00	32.70 1.64 0.00	35.11 1.83 0.00	38.57 1.98 0.00	40.55 2.37 0.00	42.50 3.04 0.00	44.75 3.47 0.00	40.04 3.78 11.58	40.16 3.61 13.56	40.56 4.25 21.10	41.73 5.03 31.33	43.00 5.87 36.16	42.86 6.26 35.37	81.25 8.83 20.50	85.36 8.52 12.79	46.04 6.56 36.01	42.57 5.98 37.26	40.42 3.86 20.10	40.55 3.37 9.55	40.34 3.23 2.81	37.78 2.30 0.99
BAYONEEC___CTG8 323689	38.91 2.17 0.00	36.15 2.05 0.00	35.27 1.84 0.00	32.81 1.71 0.00	32.70 1.64 0.00	35.11 1.83 0.00	38.57 1.98 0.00	40.55 2.37 0.00	42.50 3.04 0.00	44.75 3.47 0.00	40.04 3.78 11.58	40.16 3.61 13.56	40.56 4.25 21.10	41.73 5.03 31.33	43.00 5.87 36.16	42.86 6.26 35.37	81.25 8.83 20.50	85.36 8.52 12.79	46.04 6.56 36.01	42.57 5.98 37.26	40.42 3.86 20.10	40.55 3.37 9.55	40.34 3.23 2.81	37.78 2.30 0.99
BAYONEEC___CTG9 323749	38.91 2.17 0.00	36.15 2.05 0.00	35.27 1.84 0.00	32.81 1.71 0.00	32.70 1.64 0.00	35.11 1.83 0.00	38.57 1.98 0.00	40.55 2.37 0.00	42.50 3.04 0.00	44.75 3.47 0.00	40.04 3.78 11.58	40.16 3.61 13.56	40.56 4.25 21.10	41.73 5.03 31.33	43.00 5.87 36.16	42.86 6.26 35.37	81.25 8.83 20.50	85.36 8.52 12.79	46.04 6.56 36.01	42.57 5.98 37.26	40.42 3.86 20.10	40.55 3.37 9.55	40.34 3.23 2.81	37.78 2.30 0.99

BEACON___LESR 323632	38.25 1.51 0.00	35.51 1.40 0.00	34.74 1.30 0.00	32.34 1.25 0.00	32.23 1.18 0.00	34.58 1.30 0.00	37.88 1.28 0.00	39.71 1.53 0.00	41.36 1.89 0.00	43.35 2.06 0.00	50.23 2.39 0.00	52.36 2.26 0.00	60.05 2.64 0.00	71.22 3.20 0.00	87.09 3.45 -10.36	109.53 3.45 -34.11	127.59 4.55 -30.12	162.83 4.48 -68.72	141.25 3.62 -62.14	112.16 3.62 -34.70	71.86 2.78 -12.42	54.47 2.48 -5.26	45.47 2.03 -3.52	38.04 1.57 0.00
BEAVER RIVER___HYD 24048	36.75 0.00 0.00	34.01 -0.10 0.00	33.33 -0.10 0.00	30.94 -0.15 0.00	30.96 -0.09 0.00	33.22 -0.07 0.00	36.71 0.11 0.00	38.26 0.08 0.00	39.62 0.16 0.00	41.41 0.12 0.00	47.50 -0.33 0.00	50.01 -0.10 0.00	57.01 -0.40 0.00	67.75 -0.27 0.00	72.92 -0.36 0.00	71.61 -0.36 0.00	93.92 0.09 -0.91	89.73 0.09 -0.01	76.24 0.75 0.00	74.58 0.74 0.00	57.17 0.51 0.00	46.78 0.05 0.00	40.06 0.04 -0.10	36.62 0.15 0.00
BEEBEE_GT_13 23619	36.89 0.15 0.00	33.63 -0.48 0.00	32.87 -0.57 0.00	30.48 -0.62 0.00	30.53 -0.53 0.00	32.65 -0.63 0.00	36.64 0.04 0.00	37.99 -0.19 0.00	39.74 0.28 0.00	41.82 0.54 0.00	48.41 0.57 0.00	51.21 1.10 0.00	57.81 0.40 0.00	68.77 0.75 0.00	73.82 0.00 -0.53	73.35 -0.36 -1.74	94.76 -0.93 -2.78	92.29 -0.81 -3.46	77.55 -1.06 -3.12	74.55 -1.03 -1.74	57.18 -0.11 -0.62	47.70 0.70 -0.26	40.08 -0.16 -0.32	35.48 -0.98 0.00
BENSHRST_27_KV_BENSHRST_1 355998	39.28 2.54 0.00	36.67 2.56 -0.01	35.75 2.31 -0.01	33.25 2.15 -0.01	33.11 2.05 -0.01	35.51 2.23 0.00	38.72 2.12 0.00	41.43 3.25 0.00	43.11 3.59 -0.06	45.18 3.84 -0.06	51.99 4.16 0.01	54.06 3.96 0.01	69.04 4.76 -6.86	83.95 5.58 -10.35	73.44 6.52 6.37	90.44 6.91 -11.57	113.43 9.66 -10.85	117.51 9.32 -18.55	95.40 7.32 -12.59	90.67 6.72 -10.11	54.55 4.42 6.54	52.89 3.74 -2.41	46.33 3.67 -2.74	39.46 2.99 0.00
BETHLEHEM___GRP 23843	37.33 0.59 0.00	34.79 0.68 0.00	34.10 0.67 0.00	31.75 0.65 0.00	31.64 0.59 0.00	33.95 0.67 0.00	37.04 0.44 0.00	39.06 0.88 0.00	40.41 0.95 0.00	42.32 1.03 0.00	49.08 1.24 0.00	51.11 1.00 0.00	58.67 1.26 0.00	69.45 1.43 0.00	85.29 1.76 -10.25	107.45 1.73 -33.75	125.41 2.32 -30.17	159.87 2.24 -68.00	138.71 1.74 -61.49	109.95 1.77 -34.33	70.26 1.30 -12.29	53.21 1.26 -5.21	44.52 1.08 -3.52	37.31 0.84 0.00
BETHLEHEM___GS1 323560	37.44 0.70 0.00	34.79 0.68 0.00	34.10 0.67 0.00	31.75 0.65 0.00	31.64 0.59 0.00	33.95 0.67 0.00	37.11 0.51 0.00	38.87 0.69 0.00	40.41 0.95 0.00	42.40 1.12 0.00	49.08 1.24 0.00	51.16 1.05 0.00	58.67 1.26 0.00	69.45 1.43 0.00	85.29 1.76 -10.25	107.45 1.72 -33.75	125.40 2.32 -30.16	159.88 2.24 -68.00	138.72 1.74 -61.49	109.95 1.77 -34.33	70.26 1.30 -12.29	53.21 1.26 -5.21	44.56 1.12 -3.52	37.24 0.77 0.00
BETHLEHEM___GS2 323561	37.44 0.70 0.00	34.79 0.68 0.00	34.10 0.67 0.00	31.75 0.65 0.00	31.64 0.59 0.00	33.95 0.67 0.00	37.11 0.51 0.00	38.87 0.69 0.00	40.41 0.95 0.00	42.40 1.12 0.00	49.08 1.24 0.00	51.16 1.05 0.00	58.67 1.26 0.00	69.45 1.43 0.00	85.29 1.76 -10.25	107.45 1.72 -33.75	125.40 2.32 -30.16	159.88 2.24 -68.00	138.72 1.74 -61.49	109.95 1.77 -34.33	70.26 1.30 -12.29	53.21 1.26 -5.21	44.56 1.12 -3.52	37.24 0.77 0.00
BETHLEHEM___GS3 323562	37.44 0.70 0.00	34.79 0.68 0.00	34.10 0.67 0.00	31.75 0.65 0.00	31.64 0.59 0.00	33.95 0.67 0.00	37.11 0.51 0.00	38.87 0.69 0.00	40.41 0.95 0.00	42.40 1.12 0.00	49.08 1.24 0.00	51.16 1.05 0.00	58.67 1.26 0.00	69.45 1.43 0.00	85.29 1.76 -10.25	107.45 1.72 -33.75	125.40 2.32 -30.16	159.88 2.24 -68.00	138.72 1.74 -61.49	109.95 1.77 -34.33	70.26 1.30 -12.29	53.21 1.26 -5.21	44.56 1.12 -3.52	37.24 0.77 0.00
BETHLEHEM___STEEL 23779	36.60 -0.15 0.00	33.08 -1.02 0.00	32.26 -1.17 0.00	29.95 -1.15 0.00	30.06 -0.99 0.00	32.05 -1.23 0.00	36.27 -0.33 0.00	37.34 -0.84 0.00	39.23 -0.24 0.00	41.37 0.08 0.00	47.84 0.00 0.00	50.56 0.45 0.00	56.55 -0.86 0.00	67.27 -0.75 0.00	71.92 -2.13 -0.76	72.17 -2.30 -2.51	91.39 -5.30 -3.77	90.68 -3.94 -4.99	76.52 -3.47 -4.50	73.04 -3.32 -2.51	56.09 -1.47 -0.90	47.40 0.28 -0.38	38.92 -1.44 -0.44	34.72 -1.75 0.00
BETHLHEM_115KV_TB1 79974	37.44 0.70 0.00	34.89 0.78 0.00	34.17 0.74 0.00	31.84 0.75 0.00	31.74 0.68 0.00	34.05 0.77 0.00	37.15 0.55 0.00	39.17 0.99 0.00	40.53 1.07 0.00	42.44 1.16 0.00	49.18 1.34 0.00	51.26 1.15 0.00	58.79 1.38 0.00	69.59 1.56 0.00	85.19 1.91 -9.99	106.75 1.87 -32.91	125.57 2.51 -30.14	158.37 2.42 -66.31	137.41 1.96 -59.96	109.24 1.92 -33.48	70.07 1.42 -11.99	53.22 1.40 -5.08	44.64 1.20 -3.52	37.38 0.91 0.00
BETHPAGE_CC_5 323564	43.41 2.90 -3.76	41.90 2.69 -5.10	41.66 2.51 -5.72	37.00 2.36 -3.54	34.76 2.30 -1.41	36.63 2.53 -0.82	39.35 2.75 -0.01	41.57 3.09 -0.30	43.06 3.51 -0.08	45.44 3.92 -0.23	54.38 3.54 -3.00	54.57 3.61 -0.86	63.40 4.53 -1.46	77.36 5.17 -4.17	89.24 6.74 -9.21	98.16 7.06 -19.14	128.73 9.66 -26.15	133.68 9.41 -34.64	114.21 6.87 -31.86	99.21 6.50 -18.86	72.13 4.76 -10.70	54.58 3.93 -3.91	47.69 3.87 -3.90	42.02 2.88 -2.67
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.67 -0.07 0.00	33.15 -0.96 0.00	32.30 -1.14 0.00	29.98 -1.12 0.00	30.12 -0.93 0.00	32.12 -1.16 0.00	36.34 -0.26 0.00	37.46 -0.73 0.00	39.35 -0.12 0.00	41.45 0.17 0.00	48.03 0.19 0.00	50.71 0.60 0.00	56.72 -0.69 0.00	67.48 -0.54 0.00	72.16 -1.91 -0.77	72.50 -2.02 -2.54	91.43 -5.30 -3.81	90.94 -3.76 -5.07	76.81 -3.25 -4.57	73.37 -3.03 -2.55	56.33 -1.25 -0.91	47.55 0.42 -0.39	38.89 -1.48 -0.45	34.83 -1.64 0.00
BINGHAMTON___COGEN 23790	37.26 0.51 0.00	34.38 0.27 0.00	33.63 0.20 0.00	31.28 0.19 0.00	31.27 0.22 0.00	33.48 0.20 0.00	37.11 0.51 0.00	38.79 0.61 0.00	40.29 0.83 0.00	42.28 0.99 0.00	49.03 1.20 0.00	51.51 1.40 0.00	58.67 1.26 0.00	69.59 1.56 0.00	76.37 1.47 -1.61	78.64 1.37 -5.31	101.08 1.02 -7.14	101.70 1.52 -10.54	86.28 1.28 -9.51	80.41 1.26 -5.31	59.81 1.25 -1.90	48.90 1.36 -0.81	41.27 0.52 -0.83	36.72 0.26 0.00
BIXINCNT_115KV_LOAD 355685	36.82 0.07 0.00	33.29 -0.82 0.00	32.36 -1.07 0.00	30.01 -1.09 0.00	30.15 -0.90 0.00	32.12 -1.16 0.00	36.34 -0.26 0.00	37.80 -0.38 0.00	39.78 0.32 0.00	41.86 0.58 0.00	48.51 0.67 0.00	51.11 1.00 0.00	57.24 -0.17 0.00	68.09 0.07 0.00	72.87 -1.25 -0.82	73.39 -1.30 -2.72	91.84 -5.11 -4.03	92.17 -2.87 -5.41	77.95 -2.42 -4.88	74.43 -2.14 -2.72	57.02 -0.62 -0.97	47.99 0.84 -0.41	38.91 -1.48 -0.47	35.08 -1.39 0.00
BLACK RIVER___HYD 24047	37.26 0.51 0.00	34.41 0.31 0.00	33.77 0.33 0.00	31.32 0.22 0.00	31.33 0.28 0.00	33.65 0.37 0.00	37.18 0.58 0.00	38.83 0.65 0.00	40.29 0.83 0.00	42.11 0.83 0.00	48.56 0.72 0.00	51.21 1.10 0.00	58.27 0.86 0.00	69.38 1.36 0.00	74.53 1.24 0.00	73.19 1.22 0.00	95.99 1.86 -1.22	91.71 2.06 -0.01	77.97 2.49 0.00	76.28 2.43 0.00	58.42 1.76 0.00	47.86 1.12 0.00	40.78 0.72 -0.14	37.16 0.69 0.00

BLACKRVR_115KV_TB2 79977	37.30 0.55 0.00	34.41 0.31 0.00	33.77 0.33 0.00	31.32 0.22 0.00	31.33 0.28 0.00	33.65 0.37 0.00	37.22 0.62 0.00	38.83 0.65 0.00	40.29 0.83 0.00	42.11 0.83 0.00	48.55 0.72 0.00	51.21 1.10 0.00	58.27 0.86 0.00	69.38 1.36 0.00	74.53 1.25 0.00	73.19 1.22 0.00	96.01 1.86 -1.23	91.71 2.06 -0.01	77.97 2.49 0.00	76.21 2.36 0.00	58.42 1.76 0.00	47.86 1.12 0.00	40.74 0.68 -0.14	37.02 0.55 0.00
BLISS_WT_PWR 323608	36.34 -0.40 0.00	33.29 -0.82 0.00	32.36 -1.07 0.00	29.98 -1.12 0.00	30.12 -0.93 0.00	32.09 -1.20 0.00	35.90 -0.70 0.00	37.76 -0.42 0.00	39.82 0.35 0.00	40.62 -0.66 0.00	48.46 0.62 0.00	51.06 0.95 0.00	57.29 -0.11 0.00	68.16 0.14 0.00	72.94 -1.18 -0.82	73.39 -1.29 -2.72	91.84 -5.11 -4.03	92.80 -2.24 -5.40	78.17 -2.19 -4.88	74.58 -1.99 -2.72	57.07 -0.57 -0.97	48.04 0.89 -0.41	39.54 -0.84 -0.46	36.54 0.07 0.00
BLUESTONE___WT_PWR 323821	39.28 2.53 0.00	36.29 2.18 0.00	35.58 2.14 0.00	32.96 1.87 0.00	33.01 1.96 0.00	35.42 2.13 0.00	39.20 2.60 0.00	41.01 2.83 0.00	42.34 2.88 0.00	44.26 2.97 0.00	51.47 3.63 0.00	54.32 4.21 0.00	61.83 4.42 0.00	73.53 5.51 0.00	81.57 5.79 -2.49	86.00 5.83 -8.20	109.41 7.06 -9.43	112.56 8.16 -14.77	96.15 7.32 -13.35	88.39 7.09 -7.45	64.89 5.56 -2.67	52.40 4.53 -1.13	43.91 3.15 -0.84	39.24 2.77 0.00
BLUE_CIRC_CHEM_DRP 24182	38.07 1.32 0.00	35.47 1.36 0.00	34.80 1.37 0.00	32.37 1.28 0.00	32.26 1.21 0.00	34.61 1.33 0.00	37.81 1.21 0.00	39.75 1.57 0.00	41.12 1.66 0.00	43.02 1.73 0.00	49.89 2.06 0.00	51.96 1.85 0.00	58.56 1.15 0.00	69.45 1.43 0.00	83.78 1.69 -8.81	102.57 1.58 -29.02	124.69 2.23 -29.54	150.27 2.15 -58.49	130.09 1.74 -52.87	105.21 1.85 -29.52	68.65 1.42 -10.57	52.71 1.50 -4.48	45.29 1.92 -3.45	38.07 1.60 0.00
BOC_GAS_DRP 24189	37.59 0.85 0.00	35.03 0.92 0.00	34.37 0.94 0.00	32.00 0.90 0.00	31.89 0.84 0.00	34.22 0.93 0.00	37.37 0.77 0.00	39.37 1.18 0.00	40.73 1.26 0.00	42.61 1.32 0.00	49.37 1.53 0.00	51.46 1.35 0.00	58.96 1.55 0.00	69.72 1.70 0.00	83.91 2.05 -8.57	102.23 2.02 -28.24	125.73 2.79 -30.02	149.26 2.69 -56.94	129.05 2.11 -51.45	104.72 2.14 -28.73	68.54 1.59 -10.29	52.64 1.54 -4.36	44.78 1.36 -3.50	37.53 1.06 0.00
BOONVILLE_115KV_TB1 79983	37.48 0.73 0.00	34.69 0.58 0.00	34.04 0.60 0.00	31.60 0.50 0.00	31.58 0.53 0.00	33.88 0.60 0.00	37.37 0.77 0.00	39.02 0.84 0.00	40.49 1.03 0.00	42.36 1.07 0.00	49.22 1.39 0.00	51.76 1.65 0.00	59.07 1.66 0.00	70.13 2.11 0.00	75.49 2.20 0.00	74.06 2.09 0.00	96.16 2.42 -0.83	92.06 2.42 -0.01	77.90 2.42 0.00	76.14 2.29 0.00	58.42 1.76 0.00	48.00 1.26 0.00	40.86 0.84 -0.10	37.20 0.73 0.00
BORALEX_4TH_BRANCH 23824	38.58 1.84 0.00	35.85 1.74 0.00	35.10 1.67 0.00	32.68 1.59 0.00	32.61 1.55 0.00	35.01 1.73 0.00	38.39 1.79 0.00	40.20 2.02 0.00	41.95 2.49 0.00	43.89 2.60 0.00	50.76 2.92 0.00	53.01 2.91 0.00	60.80 3.39 0.00	71.90 3.88 0.00	90.06 4.55 -12.22	116.84 4.61 -40.26	128.97 6.04 -30.01	176.61 5.91 -81.06	153.73 4.90 -73.35	119.53 4.73 -40.95	74.96 3.63 -14.66	55.98 3.04 -6.21	45.90 2.48 -3.51	38.47 2.00 0.00
BOWLINE___1 23526	38.40 1.66 0.00	35.64 1.54 0.00	34.77 1.34 0.00	32.37 1.28 0.00	32.26 1.21 0.00	34.65 1.37 0.00	38.07 1.47 0.00	39.98 1.79 0.00	41.79 2.33 0.00	43.97 2.68 0.00	50.76 2.92 0.00	52.91 2.80 0.00	60.74 3.33 0.00	71.90 3.88 0.00	82.55 4.69 -4.57	91.98 4.96 -15.05	122.31 6.88 -22.52	126.80 6.73 -30.44	108.08 5.14 -27.46	93.83 4.66 -15.33	65.27 3.11 -5.49	51.82 2.76 -2.33	45.12 2.56 -2.64	38.26 1.79 0.00
BOWLINE___2 23595	38.47 1.73 0.00	35.68 1.57 0.00	34.84 1.40 0.00	32.43 1.34 0.00	32.33 1.27 0.00	34.68 1.40 0.00	38.14 1.54 0.00	40.05 1.87 0.00	41.87 2.41 0.00	44.05 2.77 0.00	50.85 3.02 0.00	53.01 2.91 0.00	60.85 3.44 0.00	72.03 4.01 0.00	82.69 4.84 -4.57	92.13 5.11 -15.05	122.50 7.06 -22.52	126.98 6.90 -30.44	108.23 5.28 -27.47	93.98 4.80 -15.33	65.38 3.23 -5.49	51.91 2.85 -2.33	45.19 2.63 -2.64	38.29 1.82 0.00
BRADY___115KV_TB2 356060	36.19 -0.55 0.00	33.56 -0.55 0.00	32.93 -0.50 0.00	30.66 -0.44 0.00	30.65 -0.40 0.00	32.82 -0.47 0.00	36.12 -0.48 0.00	37.34 -0.84 0.00	38.44 -1.03 0.00	39.47 -1.82 0.00	45.73 -2.10 0.00	48.05 -2.05 0.00	55.23 -2.18 0.00	65.44 -2.58 0.00	70.65 -2.64 0.00	69.16 -2.81 0.00	89.66 -3.25 0.00	85.78 -3.85 0.00	72.99 -2.49 0.00	71.56 -2.29 0.00	54.80 -1.87 0.00	44.63 -2.10 0.00	39.04 -0.88 0.00	36.18 -0.29 0.00
BRANSCOMB___SOLAR 323811	39.21 2.46 0.00	36.36 2.25 0.00	35.58 2.14 0.00	33.09 1.99 0.00	33.01 1.96 0.00	35.45 2.16 0.00	38.91 2.31 0.00	40.66 2.48 0.00	42.31 2.84 0.00	44.34 3.06 0.00	51.52 3.68 0.00	53.97 3.86 0.00	61.94 4.53 0.00	73.53 5.51 0.00	93.68 5.64 -14.75	126.08 5.54 -48.57	130.88 6.88 -31.09	194.10 6.73 -97.74	169.78 5.81 -88.48	128.93 5.69 -49.40	78.77 4.42 -17.69	58.01 3.78 -7.49	46.63 3.07 -3.63	38.95 2.48 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	48.83 3.31 -8.78	42.43 3.21 -5.12	42.49 2.94 -6.11	37.53 2.89 -3.54	35.29 2.83 -1.41	37.16 3.06 -0.82	39.93 3.33 0.00	43.06 4.16 -0.72	44.42 3.99 -0.97	47.33 3.34 -2.70	91.63 4.02 -39.78	64.10 3.76 -10.24	79.64 4.82 -17.41	123.35 5.58 -49.75	138.31 7.18 -57.84	111.83 7.56 -32.30	143.28 10.41 -39.95	161.59 10.04 -61.92	150.29 7.55 -67.25	114.93 7.46 -33.62	127.23 5.50 -65.07	71.27 4.35 -20.18	60.40 3.95 -16.53	56.67 3.90 -16.29
BRISTLHL_115KV_TB1 79998	36.56 -0.18 0.00	33.80 -0.31 0.00	33.13 -0.30 0.00	30.79 -0.31 0.00	30.77 -0.28 0.00	32.95 -0.33 0.00	36.45 -0.15 0.00	38.07 -0.11 0.00	39.54 0.08 0.00	41.53 0.25 0.00	48.12 0.29 0.00	50.56 0.45 0.00	57.75 0.34 0.00	68.57 0.54 0.00	73.65 0.37 0.00	72.18 0.22 0.00	94.84 0.09 -1.83	89.83 0.18 -0.01	75.56 0.08 0.00	73.92 0.07 0.00	56.84 0.17 0.00	47.02 0.28 0.00	40.05 -0.08 -0.21	36.14 -0.33 0.00
BROOKHAVEN___DRP 24191	47.95 3.49 -7.72	42.64 3.38 -5.16	44.33 3.18 -7.72	37.66 3.02 -3.55	35.44 2.98 -1.41	37.33 3.23 -0.82	40.12 3.51 -0.01	45.56 4.39 -2.98	48.45 4.34 -4.65	57.78 3.63 -12.86	64.01 4.26 -11.92	103.21 4.31 -48.80	145.78 5.40 -82.97	311.36 6.26 -237.08	338.76 7.77 -257.70	218.60 7.99 -138.64	218.82 10.87 -115.03	303.04 10.49 -202.92	296.34 8.15 -212.70	242.70 8.05 -160.80	398.20 6.12 -335.41	185.67 5.00 -133.93	112.92 4.55 -68.45	48.92 3.98 -8.47
BROOKLYN_NAVY_YARD 23515	38.95 2.20 0.00	36.15 2.05 0.00	35.27 1.84 0.00	32.81 1.71 0.00	32.70 1.64 0.00	35.11 1.83 0.00	38.65 2.05 0.00	40.63 2.45 0.00	42.58 3.12 0.00	44.88 3.59 0.00	51.71 3.87 0.00	53.76 3.66 0.00	61.72 4.31 0.00	73.13 5.10 0.00	83.98 5.93 -4.76	93.99 6.33 -15.69	125.38 9.01 -23.45	130.14 8.79 -31.72	110.82 6.72 -28.62	95.95 6.13 -15.98	66.29 3.91 -5.72	52.57 3.41 -2.42	46.02 3.35 -2.75	38.80 2.34 0.00

BROOKLYN___ARMY_DRP 323595	39.10 2.35 0.00	36.50 2.39 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.54 1.94 0.00	41.20 3.02 0.00	42.87 3.35 -0.06	44.89 3.55 -0.06	51.66 3.83 0.01	53.71 3.61 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.79 8.60 -18.55	94.87 6.79 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.05 3.39 -2.74	39.24 2.77 0.00
BROOKVLE_69_KV_TB1 55790	42.92 2.83 -3.35	41.94 2.73 -5.10	41.60 2.51 -5.66	36.97 2.33 -3.54	34.73 2.27 -1.41	36.60 2.50 -0.82	39.27 2.67 0.00	41.85 3.51 -0.15	43.25 3.79 0.00	44.92 3.63 0.00	52.05 4.21 0.00	54.37 4.26 0.00	62.63 5.22 0.00	74.08 6.05 0.00	85.53 7.48 -4.76	95.38 7.70 -15.71	126.87 10.50 -23.46	131.58 10.22 -31.73	111.96 7.85 -28.63	97.07 7.24 -15.98	67.49 5.10 -5.72	53.41 4.25 -2.42	46.57 3.91 -2.74	41.20 3.17 -1.56
BROOME_2_LFGE 323671	37.15 0.40 0.00	34.38 0.27 0.00	33.64 0.20 0.00	31.29 0.19 0.00	31.27 0.22 0.00	33.48 0.20 0.00	37.00 0.40 0.00	38.68 0.50 0.00	40.29 0.83 0.00	41.94 0.66 0.00	48.98 1.15 0.00	51.51 1.40 0.00	58.67 1.26 0.00	69.59 1.57 0.00	76.29 1.39 -1.61	78.64 1.36 -5.31	101.09 1.02 -7.14	101.79 1.62 -10.54	86.28 1.28 -9.51	80.41 1.25 -5.31	59.81 1.25 -1.90	48.94 1.40 -0.81	41.45 0.72 -0.81	37.05 0.58 0.00
BROOME___LFGE 323600	37.15 0.40 0.00	34.38 0.27 0.00	33.64 0.20 0.00	31.29 0.19 0.00	31.27 0.22 0.00	33.48 0.20 0.00	37.00 0.40 0.00	38.68 0.50 0.00	40.29 0.83 0.00	41.94 0.66 0.00	48.98 1.15 0.00	51.51 1.40 0.00	58.67 1.26 0.00	69.59 1.57 0.00	76.29 1.39 -1.61	78.64 1.36 -5.31	101.09 1.02 -7.14	101.79 1.62 -10.54	86.28 1.28 -9.51	80.41 1.25 -5.31	59.81 1.25 -1.90	48.94 1.40 -0.81	41.45 0.72 -0.81	37.05 0.58 0.00
BROWNFLS_115KV_TB_3_5 80003	36.08 -0.66 0.00	33.39 -0.72 0.00	32.76 -0.67 0.00	30.45 -0.65 0.00	30.43 -0.62 0.00	32.65 -0.63 0.00	36.01 -0.59 0.00	37.38 -0.80 0.00	38.64 -0.83 0.00	39.92 -1.36 0.00	46.11 -1.72 0.00	48.45 -1.65 0.00	55.40 -2.01 0.00	65.78 -2.24 0.00	70.87 -2.42 0.00	69.45 -2.52 0.00	90.88 -2.69 -0.65	86.68 -2.96 -0.01	73.75 -1.74 0.00	72.22 -1.62 0.00	55.31 -1.36 0.00	45.20 -1.54 0.00	39.24 -0.76 -0.08	36.07 -0.40 0.00
BROWNSV1_27_KV_LOAD 356125	39.21 2.46 0.00	36.56 2.46 0.00	35.64 2.21 0.00	33.15 2.05 0.00	33.01 1.96 0.00	35.45 2.16 0.00	38.87 2.27 0.00	41.43 3.25 0.00	43.06 3.59 0.00	45.17 3.88 0.00	52.29 4.45 0.00	54.37 4.26 0.00	62.52 5.11 0.00	74.08 6.05 0.00	85.01 6.96 -4.76	95.00 7.34 -15.69	126.68 10.31 -23.45	131.30 9.95 -31.72	111.95 7.85 -28.62	96.91 7.09 -15.98	67.09 4.70 -5.72	53.23 4.07 -2.42	46.41 3.75 -2.74	39.42 2.95 0.00
BURROWS___LYONSDAL 23803	37.37 0.62 0.00	34.58 0.48 0.00	33.90 0.47 0.00	31.47 0.37 0.00	31.49 0.43 0.00	33.78 0.50 0.00	37.26 0.66 0.00	38.87 0.69 0.00	40.33 0.87 0.00	42.15 0.87 0.00	47.98 0.14 0.00	50.51 0.40 0.00	57.58 0.17 0.00	68.43 0.41 0.00	73.58 0.29 0.00	72.26 0.29 0.00	95.87 2.04 -0.90	91.61 1.97 -0.01	77.60 2.11 0.00	75.91 2.07 0.00	58.20 1.53 0.00	47.77 1.03 0.00	40.74 0.72 -0.10	37.09 0.62 0.00
CAITHNESS_CC_1 323624	47.86 3.42 -7.70	42.47 3.21 -5.16	44.18 3.04 -7.71	37.54 2.89 -3.55	35.32 2.86 -1.41	37.16 3.06 -0.82	40.02 3.40 -0.02	46.78 3.74 -4.86	48.19 4.10 -4.62	58.49 4.42 -12.78	63.76 4.02 -11.90	102.73 4.11 -48.51	145.00 5.11 -82.49	309.64 5.92 -235.70	336.91 7.40 -256.23	294.89 7.63 -215.29	279.28 10.50 -175.87	300.98 10.21 -201.13	294.73 7.62 -211.63	260.37 7.54 -178.99	349.22 5.67 -286.89	137.97 4.67 -86.56	112.39 4.39 -68.07	48.42 3.50 -8.45
CALPINE BETH_PAGE_GT4 24209	43.11 2.72 -3.65	41.87 2.66 -5.10	41.62 2.47 -5.71	36.97 2.33 -3.54	34.73 2.27 -1.41	36.60 2.50 -0.82	39.23 2.64 0.00	41.76 3.36 -0.22	43.00 3.47 -0.06	44.39 2.93 -0.17	53.44 3.44 -2.16	54.25 3.51 -0.64	62.97 4.48 -1.09	76.23 5.10 -3.10	88.03 6.67 -8.07	94.66 6.98 -15.71	126.04 9.66 -23.46	132.84 9.32 -33.89	113.54 7.02 -31.04	96.47 6.65 -15.98	70.79 4.70 -9.42	54.15 3.88 -3.53	47.27 3.75 -3.60	41.89 3.06 -2.36
CALPINE_BETH_PAGE_GT_4 323586	43.26 2.87 -3.64	41.87 2.66 -5.10	41.62 2.47 -5.71	36.97 2.33 -3.54	34.73 2.27 -1.41	36.60 2.50 -0.82	39.32 2.71 -0.01	41.47 3.02 -0.28	43.00 3.47 -0.06	45.33 3.88 -0.17	53.49 3.49 -2.16	54.30 3.56 -0.64	62.98 4.48 -1.09	76.23 5.10 -3.10	88.03 6.67 -8.07	97.21 6.98 -18.26	128.04 9.66 -25.46	132.94 9.41 -33.90	113.39 6.87 -31.04	98.40 6.42 -18.13	70.80 4.70 -9.43	54.15 3.88 -3.53	47.36 3.83 -3.61	41.64 2.81 -2.36
CALPINE_BP_GT1 23823	43.26 2.87 -3.64	41.87 2.66 -5.10	41.62 2.47 -5.71	36.97 2.33 -3.54	34.73 2.27 -1.41	36.60 2.50 -0.82	39.32 2.71 -0.01	41.47 3.02 -0.28	43.00 3.47 -0.06	45.33 3.88 -0.17	53.49 3.49 -2.16	54.30 3.56 -0.64	62.98 4.48 -1.09	76.23 5.10 -3.10	88.03 6.67 -8.07	97.21 6.98 -18.26	128.04 9.66 -25.46	132.94 9.41 -33.90	113.39 6.87 -31.04	98.40 6.42 -18.13	70.80 4.70 -9.43	54.15 3.88 -3.53	47.36 3.83 -3.61	41.64 2.81 -2.36
CALSPAN___DRP 24200	36.60 -0.15 0.00	33.08 -1.02 0.00	32.26 -1.17 0.00	29.95 -1.15 0.00	30.06 -0.99 0.00	32.05 -1.23 0.00	36.27 -0.33 0.00	37.34 -0.84 0.00	39.23 -0.24 0.00	41.37 0.08 0.00	47.84 0.00 0.00	50.56 0.45 0.00	56.55 -0.86 0.00	67.27 -0.75 0.00	71.92 -2.13 -0.76	72.17 -2.30 -2.51	91.39 -5.30 -3.77	90.68 -3.94 -4.99	76.52 -3.47 -4.50	73.04 -3.32 -2.51	56.09 -1.47 -0.90	47.40 0.28 -0.38	38.92 -1.44 -0.44	34.72 -1.75 0.00
CALVERTON___SOLAR 323806	48.33 3.86 -7.72	42.85 3.58 -5.16	44.57 3.41 -7.73	37.85 3.20 -3.55	35.63 3.17 -1.41	37.50 3.40 -0.82	40.42 3.81 -0.02	47.28 4.20 -4.90	48.66 4.54 -4.66	59.09 4.91 -12.89	64.35 4.59 -11.92	103.69 4.66 -48.92	146.38 5.80 -83.18	312.50 6.80 -237.67	339.90 8.28 -258.33	298.54 8.49 -218.08	281.68 11.61 -177.15	304.59 11.29 -203.66	297.25 8.60 -213.16	306.26 8.49 -223.93	396.00 6.51 -332.82	182.95 5.37 -130.84	113.53 4.99 -68.62	48.92 3.98 -8.48
CANDIGU_WT_PWR 323617	36.67 -0.07 0.00	33.73 -0.37 0.00	32.93 -0.50 0.00	30.60 -0.50 0.00	30.68 -0.37 0.00	32.75 -0.53 0.00	36.45 -0.15 0.00	38.11 -0.08 0.00	39.94 0.48 0.00	41.12 -0.16 0.00	48.56 0.72 0.00	51.16 1.05 0.00	57.81 0.40 0.00	68.77 0.75 0.00	74.33 0.00 -1.04	75.24 -0.14 -3.42	96.08 -1.77 -4.93	95.90 -0.53 -6.80	81.10 -0.52 -6.14	76.68 -0.59 -3.43	58.18 0.28 -1.23	48.47 1.21 -0.52	40.64 0.16 -0.56	36.80 0.33 0.00
CARR STREET_E_SYR 24060	36.49 -0.26 0.00	33.80 -0.31 0.00	33.10 -0.33 0.00	30.76 -0.34 0.00	30.74 -0.31 0.00	32.92 -0.37 0.00	36.35 -0.25 0.00	38.03 -0.15 0.00	39.54 0.08 0.00	41.24 -0.04 0.00	48.08 0.24 0.00	50.51 0.40 0.00	57.70 0.29 0.00	68.50 0.48 0.00	73.58 0.29 0.00	72.19 0.22 0.00	95.00 0.00 -2.09	89.83 0.18 -0.02	75.48 0.00 0.00	73.85 0.00 0.00	56.78 0.11 0.00	47.02 0.28 0.00	40.20 0.04 -0.24	36.40 -0.07 0.00

CARTHAGE___PAPER 23857	36.89 0.15 0.00	34.11 0.00 0.00	33.47 0.03 0.00	31.04 -0.06 0.00	31.05 0.00 0.00	33.35 0.07 0.00	36.86 0.26 0.00	38.45 0.27 0.00	39.82 0.35 0.00	41.61 0.33 0.00	47.79 -0.05 0.00	50.31 0.20 0.00	57.29 -0.11 0.00	68.16 0.14 0.00	73.29 0.00 0.00	71.97 0.00 0.00	94.48 0.47 -1.10	90.27 0.63 -0.01	76.77 1.28 0.00	75.10 1.25 0.00	57.52 0.85 0.00	47.07 0.33 0.00	40.25 0.20 -0.13	36.73 0.26 0.00
CASSADAGA_WT_PWR 323784	36.60 -0.15 0.00	33.46 -0.65 0.00	32.63 -0.80 0.00	30.23 -0.87 0.00	30.34 -0.71 0.00	32.32 -0.97 0.00	36.16 -0.44 0.00	37.84 -0.34 0.00	39.98 0.51 0.00	40.91 -0.37 0.00	48.89 1.05 0.00	51.61 1.50 0.00	58.04 0.63 0.00	69.11 1.08 0.00	74.03 -0.07 -0.81	74.64 0.00 -2.68	94.20 -2.70 -3.98	94.24 -0.72 -5.33	79.31 -0.98 -4.81	75.57 -0.96 -2.68	57.80 0.17 -0.96	48.68 1.54 -0.41	40.37 0.00 -0.45	37.05 0.58 0.00
CE_DUNWOOD___DRP 24194	38.66 1.91 0.00	36.02 1.91 0.00	35.14 1.71 0.00	32.72 1.62 0.00	32.61 1.55 0.00	35.01 1.73 0.00	38.36 1.76 0.00	40.78 2.60 0.00	42.31 2.84 0.00	44.34 3.06 0.00	51.38 3.54 0.00	53.51 3.41 0.00	61.49 4.08 0.00	72.78 4.76 0.00	83.68 5.64 -4.75	93.51 5.90 -15.64	124.47 8.18 -23.38	129.24 7.98 -31.63	110.21 6.19 -28.54	95.46 5.69 -15.93	66.17 3.80 -5.70	52.47 3.32 -2.42	45.64 2.99 -2.73	38.84 2.37 0.00
CE_MILLWOOD___DRP 24193	38.55 1.80 0.00	35.91 1.81 0.00	35.07 1.64 0.00	32.65 1.55 0.00	32.51 1.46 0.00	34.91 1.63 0.00	38.25 1.65 0.00	40.66 2.48 0.00	42.15 2.68 0.00	44.22 2.93 0.00	51.23 3.40 0.00	53.36 3.26 0.00	61.31 3.90 0.00	72.58 4.56 0.00	83.44 5.42 -4.72	93.22 5.69 -15.56	124.07 7.90 -23.26	128.72 7.62 -31.47	109.84 5.96 -28.39	95.16 5.46 -15.85	66.02 3.68 -5.67	52.32 3.18 -2.40	45.51 2.87 -2.72	38.73 2.26 0.00
CE_NYC2_DRP 24202	38.91 2.17 0.00	36.29 2.18 0.00	35.37 1.94 0.00	32.90 1.80 0.00	32.76 1.71 0.00	35.18 1.90 0.00	38.43 1.83 0.00	41.05 2.86 0.00	42.54 3.08 0.00	44.59 3.30 0.00	51.42 3.59 0.01	53.51 3.41 0.01	57.87 4.08 3.61	57.38 4.76 15.41	57.76 5.64 21.17	57.73 5.97 20.21	112.32 8.55 -10.85	116.34 8.16 -18.55	61.13 6.34 20.69	57.29 5.76 22.31	53.87 3.74 6.54	52.42 3.27 -2.41	45.77 3.11 -2.74	39.09 2.63 0.00
CE_NYC_DRP 24195	38.84 2.09 0.00	36.22 2.11 0.00	35.34 1.91 0.00	32.87 1.77 0.00	32.76 1.71 0.00	35.18 1.90 0.00	38.54 1.94 0.00	41.05 2.86 0.00	42.62 3.16 0.00	44.71 3.43 0.00	51.76 3.92 0.00	53.82 3.71 0.00	61.89 4.48 0.00	73.26 5.24 0.00	84.21 6.16 -4.76	94.20 6.55 -15.69	125.56 9.20 -23.45	130.22 8.87 -31.72	111.04 6.94 -28.62	96.03 6.20 -15.98	66.47 4.08 -5.72	52.71 3.55 -2.42	45.97 3.31 -2.74	39.09 2.63 0.00
CHAFFEE___LFGE 323603	36.12 -0.62 0.00	33.15 -0.95 0.00	32.30 -1.14 0.00	29.98 -1.12 0.00	30.09 -0.96 0.00	32.12 -1.17 0.00	35.90 -0.70 0.00	37.42 -0.76 0.00	39.39 -0.08 0.00	40.13 -1.16 0.00	47.98 0.14 0.00	50.66 0.55 0.00	56.78 -0.63 0.00	67.55 -0.47 0.00	72.25 -1.83 -0.79	72.64 -1.94 -2.61	91.71 -5.11 -3.90	91.52 -3.31 -5.20	77.15 -3.02 -4.69	73.51 -2.96 -2.62	56.36 -1.25 -0.94	47.55 0.42 -0.40	39.57 -0.80 -0.44	36.32 -0.15 0.00
CHATEAUG_35_KV_LOAD 355732	36.23 -0.51 0.00	33.73 -0.38 0.00	33.10 -0.33 0.00	30.82 -0.28 0.00	30.81 -0.25 0.00	32.98 -0.30 0.00	36.27 -0.33 0.00	37.46 -0.73 0.00	38.56 -0.91 0.00	40.13 -1.16 0.00	46.55 -1.29 0.00	48.65 -1.45 0.00	56.03 -1.38 0.00	66.25 -1.77 0.00	71.46 -1.83 0.00	69.95 -2.02 0.00	90.13 -2.79 0.00	86.77 -2.87 0.00	73.75 -1.74 0.00	72.22 -1.62 0.00	55.31 -1.36 0.00	45.15 -1.59 0.00	38.88 -1.04 0.00	36.07 -0.40 0.00
CHATEAUG_WT_PWR 323614	36.23 -0.51 0.00	33.73 -0.37 0.00	33.07 -0.37 0.00	30.82 -0.28 0.00	30.80 -0.25 0.00	32.98 -0.30 0.00	36.38 -0.22 0.00	37.73 -0.46 0.00	38.52 -0.95 0.00	40.42 -0.87 0.00	46.45 -1.39 0.00	48.61 -1.50 0.00	55.98 -1.43 0.00	66.19 -1.83 0.00	71.38 -1.91 0.00	69.81 -2.16 0.00	90.04 -2.88 0.00	86.68 -2.96 0.00	73.60 -1.88 0.00	72.15 -1.70 0.00	55.19 -1.47 0.00	45.10 -1.64 0.00	38.68 -1.24 0.00	35.70 -0.77 0.00
CHAT_HIGH_FALL_HYD 323578	36.27 -0.48 0.00	33.73 -0.37 0.00	33.10 -0.33 0.00	30.82 -0.28 0.00	30.80 -0.25 0.00	32.98 -0.30 0.00	36.42 -0.18 0.00	37.76 -0.42 0.00	38.56 -0.91 0.00	40.46 -0.83 0.00	46.55 -1.29 0.00	48.65 -1.45 0.00	56.03 -1.38 0.00	66.25 -1.77 0.00	71.46 -1.83 0.00	69.95 -2.01 0.00	90.13 -2.79 0.00	86.76 -2.87 0.00	73.75 -1.73 0.00	72.22 -1.62 0.00	55.31 -1.36 0.00	45.15 -1.59 0.00	38.68 -1.24 0.00	35.70 -0.77 0.00
CHAUTAUQUA___LFGE 323629	36.45 -0.30 0.00	33.43 -0.68 0.00	32.56 -0.87 0.00	30.20 -0.90 0.00	30.31 -0.75 0.00	32.32 -0.97 0.00	36.12 -0.48 0.00	37.76 -0.42 0.00	39.82 0.35 0.00	40.62 -0.66 0.00	48.56 0.72 0.00	51.26 1.15 0.00	57.58 0.17 0.00	68.50 0.48 0.00	73.42 -0.66 -0.79	73.86 -0.72 -2.61	93.48 -3.34 -3.90	93.13 -1.71 -5.20	78.44 -1.73 -4.69	74.77 -1.70 -2.62	57.27 -0.34 -0.94	48.25 1.12 -0.40	40.21 -0.16 -0.44	36.76 0.29 0.00
CHERRYST_13_KV_LD 356241	38.95 2.20 0.00	36.32 2.22 0.00	35.44 2.01 0.00	32.96 1.87 0.00	32.85 1.80 0.00	35.28 2.00 0.00	38.65 2.05 0.00	41.20 3.02 0.00	42.78 3.32 0.00	44.92 3.63 0.00	52.00 4.16 0.00	54.07 3.96 0.00	62.17 4.76 0.00	73.60 5.58 0.00	84.57 6.52 -4.76	94.56 6.91 -15.69	126.03 9.66 -23.45	130.67 9.32 -31.72	111.35 7.25 -28.62	96.39 6.57 -15.98	66.69 4.31 -5.72	52.90 3.74 -2.42	46.13 3.47 -2.74	39.20 2.74 0.00
CHESTROR_138KV_BK263 355645	38.18 1.43 0.00	35.54 1.43 0.00	34.74 1.30 0.00	32.31 1.21 0.00	32.23 1.18 0.00	34.58 1.30 0.00	37.88 1.28 0.00	40.13 1.95 0.00	41.56 2.09 0.00	43.56 2.27 0.00	50.47 2.63 0.00	52.61 2.51 0.00	60.45 3.04 0.00	71.63 3.61 0.00	81.92 4.32 -4.31	90.62 4.46 -14.19	120.32 6.23 -21.18	124.35 6.01 -28.71	106.14 4.76 -25.90	92.59 4.28 -14.46	64.79 2.95 -5.18	51.50 2.57 -2.19	44.72 2.32 -2.48	38.26 1.79 0.00
CH_MIDHUDSON___DRP 24192	38.73 1.98 0.00	36.05 1.94 0.00	35.21 1.77 0.00	32.78 1.68 0.00	32.64 1.58 0.00	35.01 1.73 0.00	38.36 1.76 0.00	40.70 2.52 0.00	42.19 2.72 0.00	44.22 2.93 0.00	51.28 3.44 0.00	53.46 3.36 0.00	61.54 4.13 0.00	72.92 4.90 0.00	84.00 5.72 -4.99	94.32 5.90 -16.45	124.23 7.25 -24.07	129.95 7.08 -33.23	111.05 5.59 -29.99	95.76 5.17 -16.74	66.29 3.63 -5.99	52.36 3.08 -2.54	45.44 2.71 -2.80	38.62 2.15 0.00
CH_MISC_IPPS 23765	39.17 2.42 0.00	36.32 2.22 0.00	35.44 2.01 0.00	32.96 1.87 0.00	32.85 1.80 0.00	35.21 1.93 0.00	38.72 2.12 0.00	40.66 2.48 0.00	42.43 2.96 0.00	44.71 3.42 0.00	51.76 3.92 0.00	53.97 3.86 0.00	62.12 4.71 0.00	73.60 5.58 0.00	84.76 6.52 -4.95	94.90 6.62 -16.32	124.28 7.89 -23.47	130.30 7.71 -32.96	111.19 5.96 -29.74	96.06 5.61 -16.61	66.69 4.08 -5.95	52.71 3.46 -2.52	45.74 3.07 -2.75	38.73 2.26 0.00

CH_RES_BVR_FALLS 23983	36.38 -0.37 0.00	33.73 -0.37 0.00	33.07 -0.37 0.00	30.76 -0.34 0.00	30.71 -0.34 0.00	32.92 -0.37 0.00	36.20 -0.40 0.00	37.68 -0.50 0.00	38.79 -0.67 0.00	40.67 -0.62 0.00	46.98 -0.86 0.00	49.21 -0.90 0.00	56.43 -0.98 0.00	66.87 -1.16 0.00	72.04 -1.25 0.00	70.74 -1.22 0.00	91.43 -1.49 0.00	88.11 -1.52 0.00	74.35 -1.13 0.00	72.74 -1.11 0.00	55.76 -0.91 0.00	45.80 -0.93 0.00	39.20 -0.72 0.00	35.92 -0.55 0.00
CH_RES_NIAGARA 23895	34.69 -2.06 0.00	31.92 -2.18 0.00	31.13 -2.31 0.00	28.92 -2.18 0.00	29.04 -2.02 0.00	30.92 -2.36 0.00	34.55 -2.05 0.00	35.93 -2.25 0.00	37.69 -1.78 0.00	38.19 -3.10 0.00	45.78 -2.06 0.00	48.40 -1.70 0.00	54.14 -3.27 0.00	64.42 -3.61 0.00	68.78 -5.20 -0.69	68.71 -5.54 -2.28	87.93 -8.45 -3.47	86.37 -7.80 -4.53	72.78 -6.79 -4.09	69.48 -6.65 -2.28	53.63 -3.86 -0.82	45.54 -1.54 -0.35	38.44 -1.88 -0.40	34.94 -1.53 0.00
CH_RES_SYRACUSE 23985	36.67 -0.07 0.00	33.97 -0.14 0.00	33.30 -0.13 0.00	30.91 -0.19 0.00	30.90 -0.15 0.00	33.08 -0.20 0.00	36.56 -0.04 0.00	38.18 0.00 0.00	39.74 0.28 0.00	41.49 0.21 0.00	48.36 0.53 0.00	50.81 0.70 0.00	58.10 0.69 0.00	68.97 0.95 0.00	74.02 0.73 0.00	72.61 0.65 0.00	95.77 0.56 -2.29	90.37 0.71 -0.02	76.02 0.53 0.00	74.29 0.45 0.00	57.17 0.51 0.00	47.30 0.56 0.00	40.50 0.32 -0.26	36.80 0.33 0.00
CLINTON_WT_PWR 323605	36.23 -0.51 0.00	33.73 -0.37 0.00	33.07 -0.37 0.00	30.82 -0.28 0.00	30.80 -0.25 0.00	32.98 -0.30 0.00	36.38 -0.22 0.00	37.73 -0.46 0.00	38.52 -0.95 0.00	40.42 -0.87 0.00	46.45 -1.39 0.00	48.61 -1.50 0.00	55.98 -1.43 0.00	66.19 -1.83 0.00	71.38 -1.91 0.00	69.81 -2.16 0.00	90.04 -2.88 0.00	86.68 -2.96 0.00	73.60 -1.88 0.00	72.15 -1.70 0.00	55.19 -1.47 0.00	45.10 -1.64 0.00	38.68 -1.24 0.00	35.70 -0.77 0.00
CLINTON___LFGE 323618	36.56 -0.18 0.00	34.07 -0.03 0.00	33.43 0.00 0.00	31.16 0.06 0.00	31.15 0.09 0.00	33.32 0.03 0.00	36.82 0.22 0.00	38.14 -0.04 0.00	38.91 -0.55 0.00	40.83 -0.45 0.00	46.98 -0.86 0.00	49.15 -0.95 0.00	56.61 -0.80 0.00	66.93 -1.09 0.00	72.19 -1.10 0.00	70.45 -1.51 0.00	90.60 -2.32 0.00	87.30 -2.33 0.00	74.35 -1.13 0.00	72.96 -0.88 0.00	55.87 -0.79 0.00	45.52 -1.22 0.00	38.96 -0.96 0.00	35.99 -0.48 0.00
COBBLENY_34_KV_TB1 80064	36.67 -0.07 0.00	33.15 -0.96 0.00	32.30 -1.14 0.00	29.98 -1.12 0.00	30.09 -0.96 0.00	32.12 -1.16 0.00	36.34 -0.26 0.00	37.46 -0.73 0.00	39.39 -0.08 0.00	41.53 0.25 0.00	48.08 0.24 0.00	50.76 0.65 0.00	56.78 -0.63 0.00	67.55 -0.48 0.00	72.25 -1.83 -0.79	72.56 -2.02 -2.61	91.70 -5.11 -3.90	91.16 -3.67 -5.20	77.00 -3.17 -4.69	73.51 -2.95 -2.62	56.36 -1.25 -0.94	47.56 0.42 -0.40	38.94 -1.44 -0.46	34.83 -1.64 0.00
COFFEEN___115KV_TB3 355620	37.59 0.85 0.00	34.65 0.55 0.00	34.00 0.57 0.00	31.50 0.40 0.00	31.55 0.50 0.00	33.88 0.60 0.00	37.51 0.91 0.00	39.10 0.92 0.00	40.65 1.18 0.00	42.48 1.20 0.00	48.99 1.15 0.00	51.71 1.60 0.00	58.79 1.38 0.00	70.00 1.97 0.00	75.19 1.91 0.00	73.84 1.87 0.00	96.86 2.69 -1.25	92.60 2.96 -0.01	78.81 3.32 0.00	77.10 3.25 0.00	59.05 2.38 0.00	48.33 1.59 0.00	41.02 0.96 -0.14	37.31 0.84 0.00
COLDSPRG_115KV_BK1 355956	37.41 0.66 0.00	33.80 -0.31 0.00	32.90 -0.53 0.00	30.51 -0.59 0.00	30.65 -0.40 0.00	32.68 -0.60 0.00	37.00 0.40 0.00	38.41 0.23 0.00	40.49 1.03 0.00	42.65 1.36 0.00	49.51 1.67 0.00	52.16 2.05 0.00	58.56 1.15 0.00	69.59 1.56 0.00	74.57 0.44 -0.84	75.18 0.43 -2.78	94.05 -2.97 -4.11	94.27 -0.90 -5.53	79.79 -0.68 -4.99	76.11 -0.52 -2.78	58.17 0.51 -1.00	48.94 1.78 -0.42	39.60 -0.80 -0.48	35.81 -0.66 0.00
COLONIE_LFGE___ 323577	38.44 1.69 0.00	35.68 1.57 0.00	34.94 1.51 0.00	32.53 1.43 0.00	32.45 1.40 0.00	34.85 1.56 0.00	38.14 1.54 0.00	39.94 1.76 0.00	41.59 2.13 0.00	43.55 2.27 0.00	50.47 2.63 0.00	52.76 2.65 0.00	60.51 3.10 0.00	71.69 3.67 0.00	90.91 4.10 -13.52	120.53 4.03 -44.54	128.74 5.20 -30.63	184.39 5.11 -89.64	160.84 4.22 -81.13	123.28 4.13 -45.30	76.06 3.17 -16.22	56.32 2.71 -6.87	45.73 2.23 -3.58	38.22 1.75 0.00
COOPERNY_115KV_TB1 80082	37.81 1.07 0.00	35.16 1.06 0.00	34.40 0.97 0.00	32.00 0.90 0.00	31.92 0.87 0.00	34.25 0.97 0.00	37.59 0.99 0.00	39.67 1.49 0.00	41.16 1.70 0.00	43.14 1.86 0.00	49.94 2.10 0.00	52.21 2.10 0.00	59.88 2.47 0.00	70.95 2.92 0.00	79.91 3.44 -3.18	86.04 3.60 -10.47	113.08 4.92 -15.24	115.80 4.48 -21.69	98.60 3.55 -19.57	88.02 3.25 -10.93	62.84 2.27 -3.91	50.40 2.01 -1.66	43.42 1.72 -1.79	37.78 1.31 0.00
COPENHAGEN_WT_PWR 323753	37.19 0.44 0.00	34.35 0.24 0.00	33.70 0.27 0.00	31.25 0.16 0.00	31.27 0.22 0.00	33.58 0.30 0.00	37.11 0.51 0.00	38.72 0.53 0.00	40.25 0.79 0.00	42.03 0.74 0.00	48.51 0.67 0.00	51.16 1.05 0.00	58.21 0.80 0.00	69.31 1.29 0.00	74.39 1.10 0.00	73.05 1.08 -1.28	95.77 1.58 -0.01	91.44 1.79 0.00	77.75 2.26 0.00	75.99 2.14 0.00	58.25 1.58 0.00	47.76 1.03 0.00	40.74 0.68 -0.15	37.09 0.62 0.00
CORNELL____ 23752	37.85 1.10 0.00	34.93 0.82 0.00	34.20 0.77 0.00	31.75 0.65 0.00	31.74 0.68 0.00	34.02 0.73 0.00	37.73 1.13 0.00	39.44 1.26 0.00	40.96 1.50 0.00	43.02 1.73 0.00	49.85 2.01 0.00	52.41 2.30 0.00	59.71 2.30 0.00	70.95 2.92 0.00	77.32 2.93 -1.10	78.48 2.88 -3.63	101.22 3.25 -5.05	100.47 3.67 -7.17	85.12 3.17 -6.47	80.56 3.10 -3.61	60.51 2.55 -1.29	49.53 2.24 -0.55	41.79 1.28 -0.59	37.34 0.88 0.00
CORONAAV_69_KV_TB1 355595	42.92 2.83 -3.35	41.97 2.76 -5.10	41.61 2.54 -5.64	37.00 2.36 -3.54	34.76 2.30 -1.41	36.63 2.53 -0.82	39.27 2.67 0.00	41.80 3.51 -0.11	43.13 3.67 0.00	44.63 3.34 0.00	51.90 4.07 0.00	54.32 4.21 0.00	62.52 5.11 0.00	73.87 5.85 0.00	85.45 7.40 -4.76	95.30 7.63 -15.71	126.78 10.41 -23.46	131.49 10.13 -31.73	111.81 7.70 -28.63	97.07 7.24 -15.98	67.60 5.21 -5.72	53.51 4.35 -2.42	46.73 4.07 -2.74	41.31 3.28 -1.56
CORTLAND_115KV_TB3 80093	37.44 0.70 0.00	34.58 0.48 0.00	33.87 0.43 0.00	31.47 0.37 0.00	31.46 0.40 0.00	33.72 0.43 0.00	37.33 0.73 0.00	39.02 0.84 0.00	40.53 1.07 0.00	42.57 1.28 0.00	49.32 1.48 0.00	51.81 1.70 0.00	59.13 1.72 0.00	70.20 2.18 0.00	76.25 2.13 -0.84	76.74 2.02 -2.76	99.21 2.23 -4.07	97.61 2.51 -5.47	82.53 2.11 -4.93	78.67 2.07 -2.75	59.35 1.70 -0.99	48.74 1.59 -0.42	41.23 0.84 -0.48	36.98 0.51 0.00
COXSACKIE___GT 23611	39.87 3.12 0.00	36.97 2.87 0.00	36.11 2.68 0.00	33.65 2.55 0.00	33.51 2.45 0.00	35.95 2.66 0.00	39.42 2.82 0.00	41.24 3.06 0.00	42.66 3.20 0.00	44.67 3.39 0.00	51.81 3.97 0.00	53.76 3.66 0.00	61.83 4.42 0.00	73.40 5.37 0.00	87.33 5.72 -8.32	105.14 5.76 -27.41	129.16 7.99 -28.25	153.10 8.24 -55.23	132.27 6.87 -49.92	108.50 6.79 -27.87	71.69 5.04 -9.98	55.26 4.30 -4.23	46.85 3.63 -3.30	39.64 3.17 0.00

CPV_VALLEY___CC1 323721	38.00 1.25 0.00	35.27 1.16 0.00	34.47 1.04 0.00	32.09 0.99 0.00	31.98 0.93 0.00	34.32 1.03 0.00	37.70 1.10 0.00	39.55 1.37 0.00	41.28 1.82 0.00	43.35 2.06 0.00	50.13 2.30 0.00	52.26 2.15 0.00	59.99 2.59 0.00	71.01 2.99 0.00	80.87 3.66 -3.92	88.69 3.81 -12.91	117.54 5.29 -19.33	120.98 5.20 -26.14	103.07 4.00 -23.59	90.63 3.62 -13.17	63.82 2.43 -4.71	50.93 2.20 -2.00	44.18 2.00 -2.27	37.82 1.35 0.00
CPV_VALLEY___CC2 323722	38.00 1.25 0.00	35.27 1.16 0.00	34.47 1.04 0.00	32.09 0.99 0.00	31.98 0.93 0.00	34.32 1.03 0.00	37.70 1.10 0.00	39.55 1.37 0.00	41.28 1.82 0.00	43.35 2.06 0.00	50.13 2.30 0.00	52.26 2.15 0.00	59.99 2.59 0.00	71.01 2.99 0.00	80.87 3.66 -3.92	88.69 3.81 -12.91	117.54 5.29 -19.33	120.98 5.20 -26.14	103.07 4.00 -23.59	90.63 3.62 -13.17	63.82 2.43 -4.71	50.93 2.20 -2.00	44.18 2.00 -2.27	37.82 1.35 0.00
CRESCENT___HYD 24018	38.44 1.69 0.00	35.68 1.57 0.00	34.94 1.51 0.00	32.53 1.43 0.00	32.45 1.40 0.00	34.85 1.56 0.00	38.14 1.54 0.00	39.94 1.76 0.00	41.59 2.13 0.00	43.55 2.27 0.00	50.47 2.63 0.00	52.76 2.65 0.00	60.51 3.10 0.00	71.69 3.67 0.00	90.91 4.10 -13.52	120.53 4.03 -44.54	128.74 5.20 -30.63	184.39 5.11 -89.64	160.84 4.22 -81.13	123.28 4.13 -45.30	76.06 3.17 -16.22	56.32 2.71 -6.87	45.73 2.23 -3.58	38.22 1.75 0.00
CRICKET___VALLEY_CC1 323756	38.14 1.40 0.00	35.40 1.30 0.00	34.64 1.20 0.00	32.25 1.15 0.00	32.17 1.12 0.00	34.52 1.23 0.00	37.84 1.25 0.00	39.71 1.53 0.00	41.52 2.05 0.00	43.60 2.31 0.00	50.32 2.49 0.00	52.46 2.36 0.00	60.22 2.81 0.00	71.29 3.26 0.00	82.55 4.03 -5.24	93.39 4.17 -17.25	123.61 5.67 -25.02	129.97 5.47 -34.87	111.25 4.30 -31.46	95.40 3.98 -17.57	65.73 2.78 -6.29	51.83 2.43 -2.66	45.00 2.15 -2.93	38.00 1.53 0.00
CRICKET___VALLEY_CC2 323757	38.14 1.40 0.00	35.40 1.30 0.00	34.64 1.20 0.00	32.25 1.15 0.00	32.17 1.12 0.00	34.52 1.23 0.00	37.84 1.25 0.00	39.71 1.53 0.00	41.52 2.05 0.00	43.60 2.31 0.00	50.32 2.49 0.00	52.46 2.36 0.00	60.22 2.81 0.00	71.29 3.26 0.00	82.55 4.03 -5.24	93.39 4.17 -17.25	123.61 5.67 -25.02	129.97 5.47 -34.87	111.25 4.30 -31.46	95.40 3.98 -17.57	65.73 2.78 -6.29	51.83 2.43 -2.66	45.00 2.15 -2.93	38.00 1.53 0.00
CRICKET___VALLEY_CC3 323758	38.14 1.40 0.00	35.40 1.30 0.00	34.64 1.20 0.00	32.25 1.15 0.00	32.17 1.12 0.00	34.52 1.23 0.00	37.84 1.25 0.00	39.71 1.53 0.00	41.52 2.05 0.00	43.60 2.31 0.00	50.32 2.49 0.00	52.46 2.36 0.00	60.22 2.81 0.00	71.29 3.26 0.00	82.55 4.03 -5.24	93.39 4.17 -17.25	123.61 5.67 -25.02	129.97 5.47 -34.87	111.25 4.30 -31.46	95.40 3.98 -17.57	65.73 2.78 -6.29	51.83 2.43 -2.66	45.00 2.15 -2.93	38.00 1.53 0.00
CRUCIBLE_METL_DRP 24180	36.75 0.00 0.00	33.97 -0.14 0.00	33.30 -0.13 0.00	30.91 -0.19 0.00	30.90 -0.16 0.00	33.08 -0.20 0.00	36.64 0.04 0.00	38.26 0.08 0.00	39.74 0.28 0.00	41.74 0.45 0.00	48.41 0.57 0.00	50.86 0.75 0.00	58.10 0.69 0.00	68.97 0.95 0.00	74.02 0.73 0.00	72.62 0.65 0.00	95.76 0.56 -2.29	90.28 0.63 -0.02	75.94 0.45 0.00	74.29 0.44 0.00	57.18 0.51 0.00	47.30 0.56 0.00	40.35 0.16 -0.27	36.54 0.07 0.00
DAHOWA___HYDRO 323763	39.43 2.68 0.00	36.53 2.42 0.00	35.74 2.31 0.00	33.27 2.18 0.00	33.17 2.11 0.00	35.65 2.36 0.00	39.12 2.52 0.00	40.93 2.75 0.00	42.62 3.16 0.00	44.63 3.34 0.00	51.95 4.11 0.00	54.42 4.31 0.00	62.52 5.11 0.00	74.21 6.19 0.00	94.51 6.30 -14.92	127.29 6.19 -49.13	131.61 7.52 -31.17	195.85 7.35 -98.87	171.24 6.26 -89.50	130.02 6.20 -49.97	79.37 4.81 -17.89	58.43 4.11 -7.58	46.87 3.31 -3.64	39.17 2.70 0.00
DANC___LFGE 323619	36.89 0.15 0.00	34.14 0.03 0.00	33.47 0.03 0.00	31.07 -0.03 0.00	31.05 0.00 0.00	33.32 0.03 0.00	36.82 0.22 0.00	38.45 0.27 0.00	39.98 0.51 0.00	41.70 0.41 0.00	48.36 0.53 0.00	50.91 0.80 0.00	57.98 0.57 0.00	68.97 0.95 0.00	74.02 0.73 0.00	72.61 0.65 0.00	95.24 0.83 -1.49	90.63 0.99 -0.01	76.77 1.28 0.00	75.02 1.18 0.00	57.57 0.90 0.00	47.39 0.65 0.00	40.49 0.40 -0.17	36.80 0.33 0.00
DANSKAMMER___1 23586	39.17 2.42 0.00	36.32 2.22 0.00	35.44 2.01 0.00	32.96 1.87 0.00	32.85 1.80 0.00	35.21 1.93 0.00	38.72 2.12 0.00	40.66 2.48 0.00	42.43 2.96 0.00	44.71 3.42 0.00	51.76 3.92 0.00	53.97 3.86 0.00	62.12 4.71 0.00	73.60 5.58 0.00	84.76 6.52 -4.95	94.90 6.62 -16.32	124.28 7.89 -23.47	130.30 7.71 -32.96	111.19 5.96 -29.74	96.06 5.61 -16.61	66.69 4.08 -5.95	52.71 3.46 -2.52	45.74 3.07 -2.75	38.73 2.26 0.00
DANSKAMMER___2 23589	39.17 2.42 0.00	36.32 2.22 0.00	35.44 2.01 0.00	32.96 1.87 0.00	32.85 1.80 0.00	35.21 1.93 0.00	38.72 2.12 0.00	40.66 2.48 0.00	42.43 2.96 0.00	44.71 3.42 0.00	51.76 3.92 0.00	53.97 3.86 0.00	62.12 4.71 0.00	73.60 5.58 0.00	84.76 6.52 -4.95	94.90 6.62 -16.32	124.28 7.89 -23.47	130.30 7.71 -32.96	111.19 5.96 -29.74	96.06 5.61 -16.61	66.69 4.08 -5.95	52.71 3.46 -2.52	45.74 3.07 -2.75	38.73 2.26 0.00
DANSKAMMER___3 23590	39.17 2.42 0.00	36.32 2.22 0.00	35.44 2.01 0.00	32.96 1.87 0.00	32.85 1.80 0.00	35.21 1.93 0.00	38.72 2.12 0.00	40.66 2.48 0.00	42.43 2.96 0.00	44.71 3.42 0.00	51.76 3.92 0.00	53.97 3.86 0.00	62.12 4.71 0.00	73.60 5.58 0.00	84.76 6.52 -4.95	94.90 6.62 -16.32	124.28 7.89 -23.47	130.30 7.71 -32.96	111.19 5.96 -29.74	96.06 5.61 -16.61	66.69 4.08 -5.95	52.71 3.46 -2.52	45.74 3.07 -2.75	38.73 2.26 0.00
DANSKAMMER___4 23591	39.17 2.42 0.00	36.32 2.22 0.00	35.44 2.01 0.00	32.96 1.87 0.00	32.85 1.80 0.00	35.21 1.93 0.00	38.72 2.12 0.00	40.66 2.48 0.00	42.43 2.96 0.00	44.71 3.42 0.00	51.76 3.92 0.00	53.97 3.86 0.00	62.12 4.71 0.00	73.60 5.58 0.00	84.76 6.52 -4.95	94.90 6.62 -16.32	124.28 7.89 -23.47	130.30 7.71 -32.96	111.19 5.96 -29.74	96.06 5.61 -16.61	66.69 4.08 -5.95	52.71 3.46 -2.52	45.74 3.07 -2.75	38.73 2.26 0.00
DANSKAMMER___DIESEL 23592	39.06 2.31 0.00	36.32 2.22 0.00	35.44 2.01 0.00	32.96 1.87 0.00	32.85 1.80 0.00	35.21 1.93 0.00	38.61 2.01 0.00	40.97 2.79 0.00	42.42 2.96 0.00	44.55 3.26 0.00	51.71 3.87 0.00	53.92 3.81 0.00	62.12 4.71 0.00	73.60 5.58 0.00	84.76 6.52 -4.95	94.91 6.62 -16.32	124.75 7.90 -23.93	130.21 7.62 -32.96	111.27 6.04 -29.74	96.06 5.61 -16.61	66.69 4.08 -5.95	52.71 3.46 -2.52	45.69 3.03 -2.74	38.88 2.41 0.00
DARBY___SOLAR 323810	39.21 2.46 0.00	36.36 2.25 0.00	35.58 2.14 0.00	33.12 2.02 0.00	33.01 1.96 0.00	35.48 2.20 0.00	38.91 2.31 0.00	40.70 2.52 0.00	42.43 2.96 0.00	44.42 3.14 0.00	51.67 3.83 0.00	54.12 4.01 0.00	62.12 4.71 0.00	73.74 5.71 0.00	93.91 5.87 -14.75	126.33 5.76 -48.60	131.07 7.06 -31.09	194.33 6.90 -97.80	169.83 5.81 -88.53	129.04 5.76 -49.43	78.84 4.48 -17.70	58.02 3.78 -7.49	46.63 3.07 -3.63	38.98 2.51 0.00

DASHVILLE___HYD 23610	39.13 2.39 0.00	36.39 2.29 0.00	35.44 2.01 0.00	33.00 1.90 0.00	32.85 1.80 0.00	35.18 1.90 0.00	38.58 1.98 0.00	40.97 2.79 0.00	42.42 2.96 0.00	44.59 3.30 0.00	51.71 3.87 0.00	53.92 3.81 0.00	62.35 4.94 0.00	73.87 5.85 0.00	85.62 6.67 -5.66	97.60 6.98 -18.65	122.85 6.04 -23.90	133.00 5.83 -37.54	113.83 4.45 -33.90	96.76 3.99 -18.92	66.05 2.61 -6.78	51.80 2.20 -2.87	44.72 1.96 -2.84	38.22 1.75 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	49.44 4.96 -7.73	43.94 4.67 -5.16	45.58 4.41 -7.73	38.78 4.14 -3.55	36.53 4.07 -1.41	38.49 4.39 -0.82	41.48 4.87 -0.01	47.06 5.84 -3.03	50.10 5.96 -4.67	59.67 5.45 -12.93	66.22 6.46 -11.93	105.90 6.71 -49.08	149.13 8.27 -83.45	316.21 9.73 -238.46	344.11 11.65 -259.17	225.26 11.80 -141.49	225.23 15.70 -116.61	309.14 14.79 -204.71	300.88 11.62 -213.77	247.51 11.37 -162.29	402.07 8.56 -336.85	188.25 7.29 -134.22	115.14 6.39 -68.83	50.51 5.54 -8.49
DELAWARE___LFGE 323621	38.11 1.36 0.00	35.40 1.30 0.00	34.77 1.34 0.00	32.31 1.21 0.00	32.26 1.21 0.00	34.61 1.33 0.00	38.03 1.43 0.00	39.98 1.79 0.00	41.32 1.85 0.00	43.35 2.06 0.00	50.18 2.34 0.00	52.71 2.61 0.00	60.22 2.81 0.00	71.36 3.33 0.00	80.33 3.59 -3.45	86.80 3.45 -11.38	106.04 4.27 -8.85	116.75 4.48 -22.64	99.82 3.85 -20.48	89.05 3.77 -11.43	63.65 2.89 -4.09	50.95 2.48 -1.73	42.75 1.80 -1.03	37.89 1.42 0.00
DERFIELD_115KV_TB7 355931	36.93 0.18 0.00	34.28 0.17 0.00	33.60 0.17 0.00	31.25 0.16 0.00	31.21 0.16 0.00	33.45 0.17 0.00	36.78 0.18 0.00	38.45 0.27 0.00	39.74 0.28 0.00	41.66 0.37 0.00	48.22 0.38 0.00	50.56 0.45 0.00	57.87 0.46 0.00	68.57 0.54 0.00	73.80 0.51 0.00	72.47 0.50 0.00	93.66 0.74 0.00	90.35 0.72 0.00	76.09 0.60 0.00	74.44 0.59 0.00	57.12 0.45 0.00	47.11 0.37 0.00	40.16 0.24 0.00	36.65 0.18 0.00
DOGLEVILLE___HYD 23807	36.89 0.15 0.00	34.21 0.10 0.00	33.57 0.13 0.00	31.19 0.09 0.00	31.12 0.06 0.00	33.38 0.10 0.00	36.67 0.07 0.00	38.30 0.11 0.00	39.70 0.24 0.00	41.58 0.29 0.00	48.22 0.38 0.00	50.56 0.45 0.00	57.81 0.40 0.00	68.43 0.41 0.00	73.73 0.44 0.00	72.26 0.29 0.00	93.20 0.28 0.00	89.99 0.36 0.00	75.86 0.38 0.00	74.22 0.37 0.00	57.01 0.34 0.00	47.02 0.28 0.00	40.12 0.20 0.00	36.58 0.11 0.00
DUNKIRK___115KV_TB_200 55889	36.93 0.18 0.00	33.39 -0.72 0.00	32.53 -0.90 0.00	30.20 -0.90 0.00	30.31 -0.75 0.00	32.32 -0.97 0.00	36.56 -0.04 0.00	37.80 -0.38 0.00	39.78 0.32 0.00	41.90 0.62 0.00	48.55 0.72 0.00	51.31 1.20 0.00	57.52 0.11 0.00	68.43 0.41 0.00	73.27 -0.81 -0.79	73.71 -0.86 -2.61	93.28 -3.53 -3.89	92.58 -2.24 -5.19	78.12 -2.04 -4.68	74.54 -1.92 -2.61	57.15 -0.45 -0.94	48.16 1.03 -0.40	39.54 -0.84 -0.45	35.27 -1.20 0.00
DUNKIRK___1 23563	36.93 0.18 0.00	33.39 -0.72 0.00	32.53 -0.90 0.00	30.20 -0.90 0.00	30.31 -0.75 0.00	32.32 -0.97 0.00	36.56 -0.04 0.00	37.80 -0.38 0.00	39.78 0.32 0.00	41.90 0.62 0.00	48.55 0.72 0.00	51.31 1.20 0.00	57.52 0.11 0.00	68.43 0.41 0.00	73.27 -0.81 -0.79	73.71 -0.86 -2.61	93.28 -3.53 -3.89	92.58 -2.24 -5.19	78.12 -2.04 -4.68	74.54 -1.92 -2.61	57.15 -0.45 -0.94	48.16 1.03 -0.40	39.54 -0.84 -0.45	35.27 -1.20 0.00
DUNKIRK___2 23564	36.93 0.18 0.00	33.39 -0.72 0.00	32.53 -0.90 0.00	30.20 -0.90 0.00	30.31 -0.75 0.00	32.32 -0.97 0.00	36.56 -0.04 0.00	37.80 -0.38 0.00	39.78 0.32 0.00	41.90 0.62 0.00	48.55 0.72 0.00	51.31 1.20 0.00	57.52 0.11 0.00	68.43 0.41 0.00	73.27 -0.81 -0.79	73.71 -0.86 -2.61	93.28 -3.53 -3.89	92.58 -2.24 -5.19	78.12 -2.04 -4.68	74.54 -1.92 -2.61	57.15 -0.45 -0.94	48.16 1.03 -0.40	39.54 -0.84 -0.45	35.27 -1.20 0.00
DUNKIRK___3 23565	36.75 0.00 0.00	33.25 -0.85 0.00	32.40 -1.04 0.00	30.07 -1.03 0.00	30.18 -0.87 0.00	32.19 -1.10 0.00	36.42 -0.18 0.00	37.61 -0.57 0.00	39.54 0.08 0.00	41.66 0.37 0.00	48.22 0.38 0.00	50.96 0.85 0.00	57.06 -0.34 0.00	67.89 -0.14 0.00	72.76 -1.32 -0.79	73.12 -1.44 -2.59	92.52 -4.27 -3.87	91.93 -2.87 -5.16	77.57 -2.57 -4.66	74.01 -2.44 -2.60	56.75 -0.85 -0.93	47.83 0.70 -0.39	39.25 -1.12 -0.45	35.08 -1.39 0.00
DUNKIRK___4 23566	36.75 0.00 0.00	33.25 -0.85 0.00	32.40 -1.04 0.00	30.07 -1.03 0.00	30.18 -0.87 0.00	32.19 -1.10 0.00	36.42 -0.18 0.00	37.61 -0.57 0.00	39.54 0.08 0.00	41.66 0.37 0.00	48.22 0.38 0.00	50.96 0.85 0.00	57.06 -0.34 0.00	67.89 -0.14 0.00	72.76 -1.32 -0.79	73.12 -1.44 -2.59	92.52 -4.27 -3.87	91.93 -2.87 -5.16	77.57 -2.57 -4.66	74.01 -2.44 -2.60	56.75 -0.85 -0.93	47.83 0.70 -0.39	39.25 -1.12 -0.45	35.08 -1.39 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	38.77 2.02 0.00	36.12 2.01 0.00	35.24 1.81 0.00	32.81 1.71 0.00	32.70 1.65 0.00	35.11 1.83 0.00	38.47 1.87 0.00	40.89 2.71 0.00	42.42 2.96 0.00	44.46 3.18 0.00	51.52 3.68 0.00	53.66 3.56 0.00	61.66 4.25 0.00	72.99 4.97 0.00	83.91 5.86 -4.76	93.77 6.12 -15.69	124.92 8.55 -23.45	129.69 8.34 -31.72	110.59 6.49 -28.62	95.73 5.91 -15.98	66.35 3.97 -5.72	52.62 3.46 -2.42	45.77 3.11 -2.74	38.95 2.48 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	38.40 1.65 0.00	35.74 1.64 0.00	34.90 1.47 0.00	32.47 1.37 0.00	32.36 1.30 0.00	34.71 1.43 0.00	38.06 1.46 0.00	40.36 2.18 0.00	41.79 2.33 0.00	43.85 2.56 0.00	50.80 2.97 0.00	52.96 2.86 0.00	60.91 3.50 0.00	72.17 4.15 0.00	82.72 4.91 -4.52	91.98 5.11 -14.90	121.66 6.88 -21.86	126.48 6.72 -30.12	107.94 5.28 -27.18	93.89 4.87 -15.17	65.44 3.34 -5.43	51.94 2.90 -2.30	45.11 2.55 -2.63	38.47 2.01 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	39.02 2.28 0.00	36.29 2.18 0.00	35.44 2.01 0.00	32.93 1.83 0.00	32.79 1.74 0.00	35.15 1.86 0.00	38.25 1.65 0.00	40.89 2.71 0.00	42.35 2.88 0.00	44.38 3.10 0.00	51.13 3.30 0.01	53.51 3.41 0.01	61.48 4.08 0.01	72.84 4.83 0.01	83.76 5.72 -4.75	93.69 6.05 -15.68	124.91 8.55 -23.44	129.59 8.25 -31.71	110.51 6.42 -28.61	95.65 5.83 -15.97	66.23 3.85 -5.71	52.42 3.27 -2.41	45.61 2.95 -2.74	39.13 2.66 0.00
E179THST_13_KV_LOAD 356214	39.24 2.50 0.00	36.49 2.39 0.00	35.61 2.17 0.00	33.09 1.99 0.00	32.95 1.89 0.00	35.31 2.03 0.00	38.47 1.87 0.00	41.16 2.98 0.00	42.62 3.16 0.00	44.67 3.39 0.00	51.51 3.68 0.01	53.91 3.81 0.01	61.94 4.54 0.01	73.39 5.37 0.01	84.35 6.30 -4.75	94.27 6.62 -15.68	125.74 9.38 -23.44	130.40 9.05 -31.71	111.19 7.10 -28.61	96.24 6.42 -15.97	66.63 4.25 -5.71	52.75 3.60 -2.41	45.89 3.23 -2.74	39.35 2.88 0.00
EAST HAMPTON___GT 23717	50.25 5.77 -7.73	44.55 5.29 -5.16	46.15 4.98 -7.73	39.31 4.66 -3.55	36.99 4.53 -1.41	38.99 4.89 -0.82	42.11 5.49 -0.02	49.17 6.07 -4.91	50.85 6.71 -4.67	61.53 7.31 -12.93	67.32 7.56 -11.93	107.01 7.81 -49.09	150.46 9.59 -83.47	317.89 11.36 -238.51	346.00 13.48 -259.22	304.96 13.68 -219.32	288.63 18.03 -177.69	311.46 17.04 -204.79	303.03 13.74 -213.81	315.43 13.37 -228.21	404.33 10.14 -337.52	189.90 8.32 -134.84	116.12 7.34 -68.85	50.98 6.02 -8.49

EAST RIVER___6 23660	39.10 2.35 0.00	36.29 2.18 0.00	35.34 1.90 0.00	32.87 1.77 0.00	32.73 1.68 0.00	35.18 1.90 0.00	38.68 2.09 0.00	40.74 2.56 0.00	42.70 3.24 0.00	45.00 3.72 0.00	51.95 4.11 0.00	54.06 3.96 0.00	62.12 4.71 0.00	73.53 5.51 0.00	84.50 6.45 -4.76	94.50 6.84 -15.69	126.03 9.66 -23.45	130.67 9.32 -31.72	111.27 7.17 -28.62	96.32 6.50 -15.98	66.58 4.19 -5.72	52.81 3.65 -2.42	46.18 3.51 -2.75	39.02 2.55 0.00
EAST RIVER___7 23524	39.10 2.35 0.00	36.29 2.18 0.00	35.34 1.90 0.00	32.87 1.77 0.00	32.73 1.68 0.00	35.18 1.90 0.00	38.68 2.09 0.00	40.74 2.56 0.00	42.70 3.24 0.00	45.00 3.72 0.00	51.95 4.11 0.00	54.06 3.96 0.00	62.12 4.71 0.00	73.53 5.51 0.00	84.50 6.45 -4.76	94.50 6.84 -15.69	126.03 9.66 -23.45	130.67 9.32 -31.72	111.27 7.17 -28.62	96.32 6.50 -15.98	66.58 4.19 -5.72	52.81 3.65 -2.42	46.18 3.51 -2.75	39.02 2.55 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	38.66 1.91 0.00	36.02 1.91 0.00	35.14 1.71 0.00	32.72 1.62 0.00	32.61 1.55 0.00	35.01 1.73 0.00	38.36 1.76 0.00	40.78 2.60 0.00	42.31 2.84 0.00	44.34 3.06 0.00	51.38 3.54 0.00	53.51 3.41 0.00	61.49 4.08 0.00	72.78 4.76 0.00	83.68 5.64 -4.75	93.51 5.90 -15.64	124.47 8.18 -23.38	129.24 7.98 -31.63	110.21 6.19 -28.54	95.46 5.69 -15.93	66.17 3.80 -5.70	52.47 3.32 -2.42	45.64 2.99 -2.73	38.84 2.37 0.00
EAST_HAMPTON___DIESEL 23722	50.28 5.80 -7.73	44.55 5.29 -5.16	46.15 4.98 -7.73	39.31 4.66 -3.55	36.99 4.53 -1.41	39.02 4.93 -0.82	42.11 5.49 -0.02	49.20 6.11 -4.91	50.85 6.71 -4.67	61.53 7.31 -12.93	67.32 7.56 -11.93	107.06 7.87 -49.09	150.46 9.59 -83.47	317.89 11.36 -238.51	346.07 13.56 -259.22	304.96 13.68 -219.32	288.63 18.03 -177.68	311.55 17.12 -204.79	303.03 13.74 -213.81	315.40 13.37 -228.18	404.30 10.14 -337.49	189.87 8.32 -134.81	116.12 7.34 -68.85	51.02 6.06 -8.49
EAST_PULASKI___ESR 323781	36.75 0.00 0.00	33.94 -0.17 0.00	33.27 -0.17 0.00	30.91 -0.19 0.00	30.90 -0.16 0.00	33.12 -0.17 0.00	36.67 0.07 0.00	38.30 0.11 0.00	39.78 0.32 0.00	41.70 0.41 0.00	48.27 0.43 0.00	50.71 0.60 0.00	57.87 0.46 0.00	68.77 0.75 0.00	73.80 0.51 0.00	72.33 0.36 -1.68	94.88 0.28 -0.01	90.10 0.45 0.00	75.94 0.45 0.00	74.29 0.44 0.00	57.06 0.40 0.00	47.16 0.42 0.00	40.24 0.12 -0.20	36.32 -0.15 0.00
EAST_RIVER___1 323558	39.03 2.28 0.00	36.22 2.12 0.00	35.34 1.90 0.00	32.87 1.77 0.00	32.76 1.71 0.00	35.18 1.90 0.00	38.65 2.05 0.00	40.66 2.48 0.00	42.62 3.16 0.00	44.88 3.59 0.00	51.81 3.97 0.00	53.91 3.81 0.00	61.89 4.48 0.00	73.26 5.24 0.00	84.21 6.16 -4.76	94.20 6.55 -15.69	125.57 9.20 -23.45	130.23 8.88 -31.72	110.97 6.87 -28.62	96.03 6.20 -15.98	66.47 4.08 -5.72	52.71 3.55 -2.42	46.02 3.35 -2.75	38.87 2.41 0.00
EAST_RIVER___2 323559	39.10 2.35 0.00	36.29 2.18 0.00	35.34 1.90 0.00	32.87 1.77 0.00	32.73 1.68 0.00	35.18 1.90 0.00	38.68 2.09 0.00	40.74 2.56 0.00	42.70 3.24 0.00	45.00 3.72 0.00	51.95 4.11 0.00	54.06 3.96 0.00	62.12 4.71 0.00	73.53 5.51 0.00	84.50 6.45 -4.76	94.50 6.84 -15.69	126.03 9.66 -23.45	130.67 9.32 -31.72	111.27 7.17 -28.62	96.32 6.50 -15.98	66.58 4.19 -5.72	52.81 3.65 -2.42	46.18 3.51 -2.75	39.02 2.55 0.00
EAST___DELAWARE_HYD 23607	38.66 1.91 0.00	35.78 1.67 0.00	34.90 1.47 0.00	32.50 1.40 0.00	32.39 1.33 0.00	34.71 1.43 0.00	38.21 1.61 0.00	40.13 1.95 0.00	42.58 3.12 0.00	44.79 3.51 0.00	51.81 3.97 0.00	54.22 4.11 0.00	62.46 5.05 0.00	74.01 5.99 0.00	84.65 6.89 -4.47	93.82 7.13 -14.73	118.55 5.11 -20.53	123.36 4.48 -29.25	105.28 3.40 -26.39	91.61 3.03 -14.74	64.27 2.32 -5.28	50.84 1.87 -2.23	44.02 1.72 -2.38	37.49 1.02 0.00
EIGHT_POINT___WT_PWR 323820	37.19 0.44 0.00	34.18 0.07 0.00	33.33 -0.10 0.00	30.97 -0.12 0.00	31.08 0.03 0.00	33.22 -0.07 0.00	37.04 0.44 0.00	38.72 0.53 0.00	40.69 1.22 0.00	41.86 0.58 0.00	49.46 1.63 0.00	52.06 1.95 0.00	58.78 1.38 0.00	69.92 1.90 0.00	75.35 1.10 -0.97	76.23 1.08 -3.18	97.16 -0.37 -4.62	97.12 1.16 -6.33	82.02 0.83 -5.71	77.85 0.81 -3.19	59.22 1.42 -1.14	49.42 2.20 -0.48	41.28 0.84 -0.52	37.45 0.99 0.00
ELBRIDGE_115KV_TB2 80188	36.82 0.07 0.00	34.04 -0.07 0.00	33.37 -0.07 0.00	30.97 -0.12 0.00	30.96 -0.09 0.00	33.18 -0.10 0.00	36.71 0.11 0.00	38.33 0.15 0.00	39.82 0.36 0.00	41.82 0.54 0.00	48.41 0.57 0.00	50.91 0.80 0.00	58.10 0.69 0.00	68.97 0.95 0.00	74.55 0.81 -0.46	74.13 0.65 -1.52	95.95 0.56 -2.48	93.45 0.81 -3.01	78.80 0.60 -2.72	75.95 0.59 -1.52	57.78 0.57 -0.54	47.62 0.65 -0.23	40.41 0.20 -0.29	36.40 -0.07 0.00
ELEC_TRO_TEK 24086	42.55 2.46 -3.35	41.67 2.46 -5.10	41.32 2.24 -5.64	36.75 2.11 -3.54	34.54 2.08 -1.41	36.36 2.26 -0.82	38.98 2.38 0.00	41.51 3.21 -0.12	42.82 3.35 0.00	44.26 2.97 0.00	51.38 3.54 0.00	53.66 3.56 0.00	61.89 4.48 0.00	73.06 5.03 0.00	84.50 6.45 -4.76	94.37 6.69 -15.71	125.67 9.29 -23.46	130.33 8.96 -31.73	110.90 6.79 -28.63	96.25 6.42 -15.98	66.92 4.53 -5.72	52.95 3.79 -2.42	46.29 3.63 -2.74	40.94 2.92 -1.56
ELLENBURG_WT_PWR 323604	36.23 -0.51 0.00	33.73 -0.37 0.00	33.07 -0.37 0.00	30.82 -0.28 0.00	30.80 -0.25 0.00	32.98 -0.30 0.00	36.38 -0.22 0.00	37.73 -0.46 0.00	38.52 -0.95 0.00	40.42 -0.87 0.00	46.45 -1.39 0.00	48.61 -1.50 0.00	55.98 -1.43 0.00	66.19 -1.83 0.00	71.38 -1.91 0.00	69.81 -2.16 0.00	90.04 -2.88 0.00	86.68 -2.96 0.00	73.60 -1.88 0.00	72.15 -1.70 0.00	55.19 -1.47 0.00	45.10 -1.64 0.00	38.68 -1.24 0.00	35.70 -0.77 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	36.38 -0.37 0.00	32.88 -1.23 0.00	32.06 -1.37 0.00	29.76 -1.34 0.00	29.87 -1.18 0.00	31.85 -1.43 0.00	36.09 -0.51 0.00	37.11 -1.07 0.00	38.99 -0.47 0.00	41.08 -0.21 0.00	47.50 -0.33 0.00	50.21 0.10 0.00	56.15 -1.26 0.00	66.80 -1.22 0.00	71.46 -2.57 -0.74	71.60 -2.81 -2.44	91.02 -5.57 -3.68	90.01 -4.48 -4.86	75.79 -4.08 -4.38	72.45 -3.84 -2.45	55.67 -1.87 -0.88	47.11 0.00 -0.37	38.79 -1.56 -0.43	34.50 -1.97 0.00
EMPIRE_CC_1 323656	37.89 1.14 0.00	35.20 1.09 0.00	34.50 1.07 0.00	32.19 1.09 0.00	32.05 0.99 0.00	34.38 1.10 0.00	37.44 0.84 0.00	39.17 0.99 0.00	40.81 1.34 0.00	42.77 1.48 0.00	49.46 1.63 0.00	51.61 1.50 0.00	59.13 1.72 0.00	70.00 1.97 0.00	83.11 2.41 -7.41	98.82 2.45 -24.40	125.02 3.25 -28.86	141.99 3.14 -49.22	122.44 2.49 -44.46	101.10 2.43 -24.82	67.37 1.81 -8.89	52.18 1.68 -3.76	44.73 1.44 -3.37	37.49 1.02 0.00
EMPIRE_CC_2 323658	37.89 1.14 0.00	35.20 1.09 0.00	34.50 1.07 0.00	32.19 1.09 0.00	32.05 0.99 0.00	34.38 1.10 0.00	37.44 0.84 0.00	39.17 0.99 0.00	40.81 1.34 0.00	42.77 1.48 0.00	49.46 1.63 0.00	51.61 1.50 0.00	59.13 1.72 0.00	70.00 1.97 0.00	83.11 2.41 -7.41	98.82 2.45 -24.40	125.02 3.25 -28.86	141.99 3.14 -49.22	122.44 2.49 -44.46	101.10 2.43 -24.82	67.37 1.81 -8.89	52.18 1.68 -3.76	44.73 1.44 -3.37	37.49 1.02 0.00

ENORWICH_115KV_TB1 80156	40.05 3.31 0.00	36.84 2.73 0.00	36.11 2.67 0.00	33.40 2.30 0.00	33.48 2.42 0.00	35.88 2.60 0.00	39.97 3.37 0.00	41.77 3.59 0.00	43.37 3.91 0.00	45.58 4.29 0.00	52.72 4.88 0.00	55.87 5.76 0.00	63.32 5.91 0.00	75.51 7.48 0.00	82.97 7.70 -1.99	86.28 7.77 -6.54	109.73 9.38 -7.43	112.10 10.04 -12.43	95.92 9.21 -11.22	89.12 9.01 -6.27	65.88 6.97 -2.24	53.20 5.52 -0.95	44.42 3.63 -0.87	39.50 3.03 0.00
ERIE_ST__34_KV_TB1-2 80199	36.82 0.07 0.00	33.29 -0.82 0.00	32.43 -1.00 0.00	30.07 -1.03 0.00	30.22 -0.84 0.00	32.22 -1.07 0.00	36.49 -0.11 0.00	37.61 -0.57 0.00	39.54 0.08 0.00	41.66 0.37 0.00	48.27 0.43 0.00	50.96 0.85 0.00	57.06 -0.34 0.00	67.82 -0.20 0.00	72.60 -1.47 -0.77	72.93 -1.58 -2.55	91.16 -5.57 -3.81	91.29 -3.41 -5.07	77.26 -2.79 -4.57	73.81 -2.58 -2.55	56.62 -0.96 -0.91	47.73 0.61 -0.39	38.65 -1.72 -0.45	35.01 -1.46 0.00
ERIE_WT_PWR 323693	36.09 -0.66 0.00	33.12 -0.99 0.00	32.26 -1.17 0.00	29.95 -1.15 0.00	30.09 -0.96 0.00	32.05 -1.23 0.00	35.83 -0.77 0.00	37.34 -0.84 0.00	39.27 -0.20 0.00	39.96 -1.32 0.00	47.79 -0.05 0.00	50.46 0.35 0.00	56.55 -0.86 0.00	67.28 -0.75 0.00	72.00 -2.05 -0.76	72.24 -2.23 -2.51	91.48 -5.20 -3.77	90.95 -3.68 -4.99	76.74 -3.24 -4.50	73.19 -3.17 -2.51	56.15 -1.41 -0.90	47.45 0.33 -0.38	39.55 -0.80 -0.43	36.29 -0.18 0.00
ESPRGFLD_115KV_TB1 80157	39.47 2.72 0.00	36.60 2.49 0.00	35.87 2.44 0.00	33.31 2.21 0.00	33.32 2.27 0.00	35.81 2.53 0.00	39.53 2.93 0.00	41.50 3.32 0.00	43.02 3.55 0.00	45.08 3.80 0.00	52.29 4.45 0.00	55.12 5.01 0.00	62.86 5.45 0.00	74.69 6.67 0.00	90.85 6.96 -10.60	113.42 6.55 -34.90	94.67 8.27 6.52	167.87 8.34 -69.90	146.21 7.25 -63.48	116.45 7.16 -35.44	75.08 5.72 -12.69	56.69 4.58 -5.37	42.43 3.27 0.76	39.20 2.74 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	37.81 1.07 0.00	34.89 0.78 0.00	34.17 0.74 0.00	31.72 0.62 0.00	31.71 0.65 0.00	33.98 0.70 0.00	37.70 1.10 0.00	39.40 1.22 0.00	40.92 1.46 0.00	42.94 1.65 0.00	49.75 1.91 0.00	52.31 2.20 0.00	59.65 2.24 0.00	70.88 2.86 0.00	77.25 2.86 -1.10	78.34 2.73 -3.63	101.11 3.16 -5.04	100.38 3.59 -7.16	85.04 3.09 -6.46	80.48 3.03 -3.61	60.39 2.44 -1.29	49.48 2.20 -0.55	41.75 1.24 -0.59	37.31 0.84 0.00
ETNA____115KV_TB2 80207	37.81 1.07 0.00	34.89 0.78 0.00	34.17 0.74 0.00	31.72 0.62 0.00	31.71 0.65 0.00	33.98 0.70 0.00	37.70 1.10 0.00	39.40 1.22 0.00	40.92 1.46 0.00	42.94 1.65 0.00	49.75 1.91 0.00	52.31 2.20 0.00	59.65 2.24 0.00	70.88 2.86 0.00	77.25 2.86 -1.10	78.34 2.73 -3.63	101.11 3.16 -5.04	100.38 3.59 -7.16	85.04 3.09 -6.46	80.48 3.03 -3.61	60.39 2.44 -1.29	49.48 2.20 -0.55	41.75 1.24 -0.59	37.31 0.84 0.00
EUCLID__115KV_TB2 356179	36.49 -0.26 0.00	33.73 -0.38 0.00	33.07 -0.37 0.00	30.73 -0.37 0.00	30.71 -0.34 0.00	32.88 -0.40 0.00	36.38 -0.22 0.00	37.99 -0.19 0.00	39.46 0.00 0.00	41.41 0.12 0.00	47.98 0.14 0.00	50.36 0.25 0.00	57.52 0.11 0.00	68.29 0.27 0.00	73.36 0.07 0.00	71.90 -0.07 0.00	94.59 -0.28 -1.95	89.47 -0.18 -0.02	75.26 -0.23 0.00	73.62 -0.22 0.00	56.61 -0.06 0.00	46.88 0.14 0.00	39.95 -0.20 -0.23	36.03 -0.44 0.00
E_CANADA_CAP_HY 24051	40.20 3.45 0.00	37.28 3.17 0.00	36.51 3.07 0.00	33.93 2.83 0.00	33.91 2.86 0.00	36.45 3.16 0.00	40.22 3.62 0.00	42.04 3.85 0.00	43.77 4.30 0.00	45.75 4.46 0.00	53.19 5.36 0.00	55.97 5.86 0.00	64.01 6.60 0.00	76.11 8.09 0.00	94.95 8.50 -13.17	123.12 7.77 -43.37	141.06 9.95 -38.20	186.89 9.95 -87.30	162.97 8.53 -78.95	126.27 8.34 -44.08	79.42 6.97 -15.78	58.98 5.56 -6.68	48.56 4.19 -4.45	40.01 3.54 0.00
E_CANADA_MHWK_HY 24050	36.89 0.15 0.00	34.21 0.10 0.00	33.57 0.13 0.00	31.19 0.09 0.00	31.12 0.06 0.00	33.38 0.10 0.00	36.67 0.07 0.00	38.30 0.11 0.00	39.70 0.24 0.00	41.58 0.29 0.00	48.22 0.38 0.00	50.56 0.45 0.00	57.81 0.40 0.00	68.43 0.41 0.00	73.73 0.44 0.00	72.26 0.29 0.00	93.20 0.28 0.00	89.99 0.36 0.00	75.86 0.38 0.00	74.22 0.37 0.00	57.01 0.34 0.00	47.02 0.28 0.00	40.12 0.20 0.00	36.58 0.11 0.00
E_FISHKILL__LBMP 23776	38.33 1.58 0.00	35.71 1.60 0.00	34.90 1.47 0.00	32.50 1.40 0.00	32.39 1.34 0.00	34.75 1.46 0.00	38.06 1.46 0.00	40.36 2.18 0.00	41.83 2.37 0.00	43.85 2.56 0.00	50.80 2.97 0.00	52.91 2.81 0.00	60.74 3.33 0.00	71.90 3.88 0.00	82.87 4.69 -4.89	92.98 4.89 -16.11	123.73 6.69 -24.12	128.75 6.54 -32.58	110.01 5.13 -29.39	94.91 4.65 -16.41	65.71 3.17 -5.87	52.03 2.80 -2.49	45.25 2.51 -2.81	38.44 1.97 0.00
FALCON__SEABRD_CC1 323796	36.34 -0.40 0.00	33.97 -0.14 0.00	33.30 -0.13 0.00	31.07 -0.03 0.00	31.02 -0.03 0.00	33.22 -0.07 0.00	36.67 0.07 0.00	37.92 -0.27 0.00	38.63 -0.83 0.00	40.50 -0.79 0.00	46.59 -1.24 0.00	48.76 -1.35 0.00	56.15 -1.26 0.00	66.39 -1.63 0.00	71.61 -1.68 0.00	69.95 -2.01 0.00	90.04 -2.88 0.00	86.76 -2.87 0.00	73.82 -1.66 0.00	72.29 -1.55 0.00	55.36 -1.30 0.00	45.20 -1.54 0.00	38.72 -1.20 0.00	35.81 -0.66 0.00
FALCON__SEABRD_CC2 323797	36.34 -0.40 0.00	33.97 -0.14 0.00	33.30 -0.13 0.00	31.07 -0.03 0.00	31.02 -0.03 0.00	33.22 -0.07 0.00	36.67 0.07 0.00	37.92 -0.27 0.00	38.63 -0.83 0.00	40.50 -0.79 0.00	46.59 -1.24 0.00	48.76 -1.35 0.00	56.15 -1.26 0.00	66.39 -1.63 0.00	71.61 -1.68 0.00	69.95 -2.01 0.00	90.04 -2.88 0.00	86.76 -2.87 0.00	73.82 -1.66 0.00	72.29 -1.55 0.00	55.36 -1.30 0.00	45.20 -1.54 0.00	38.72 -1.20 0.00	35.81 -0.66 0.00
FAR ROCKAWAY__4 23548	43.40 3.31 -3.35	42.35 3.14 -5.10	41.98 2.91 -5.64	37.34 2.71 -3.54	35.07 2.61 -1.41	36.96 2.86 -0.82	39.67 3.07 0.00	42.22 3.93 -0.11	43.49 4.03 0.00	45.00 3.72 0.00	52.48 4.64 0.00	54.92 4.81 0.00	63.32 5.91 0.00	74.76 6.73 0.00	86.48 8.43 -4.76	96.31 8.64 -15.71	128.08 11.71 -23.46	132.84 11.47 -31.73	112.87 8.76 -28.63	98.03 8.20 -15.98	68.28 5.89 -5.72	54.02 4.86 -2.42	47.21 4.55 -2.74	41.71 3.68 -1.56
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	38.88 2.13 0.00	36.26 2.15 0.00	35.37 1.94 0.00	32.90 1.80 0.00	32.76 1.71 0.00	35.21 1.93 0.00	38.54 1.94 0.00	41.08 2.90 0.00	42.62 3.16 0.00	44.71 3.43 0.00	51.76 3.92 0.00	53.87 3.76 0.00	61.89 4.48 0.00	73.33 5.31 0.00	84.21 6.16 -4.76	94.20 6.55 -15.69	125.56 9.20 -23.45	130.22 8.87 -31.72	111.04 6.94 -28.62	96.10 6.28 -15.98	66.47 4.08 -5.72	52.71 3.55 -2.42	45.97 3.31 -2.74	39.09 2.63 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	38.88 2.13 0.00	36.26 2.15 0.00	35.37 1.94 0.00	32.90 1.80 0.00	32.79 1.74 0.00	35.21 1.93 0.00	38.58 1.98 0.00	41.08 2.90 0.00	42.66 3.20 0.00	44.71 3.43 0.00	51.76 3.92 0.00	53.87 3.76 0.00	61.89 4.48 0.00	73.33 5.31 0.00	84.28 6.23 -4.76	94.20 6.55 -15.69	125.56 9.20 -23.45	130.31 8.96 -31.72	111.04 6.94 -28.62	96.10 6.28 -15.98	66.52 4.14 -5.72	52.71 3.55 -2.42	45.97 3.31 -2.74	39.09 2.63 0.00

FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	38.84 2.09 0.00	36.22 2.11 0.00	35.34 1.91 0.00	32.87 1.77 0.00	32.76 1.71 0.00	35.18 1.90 0.00	38.54 1.94 0.00	41.05 2.86 0.00	42.62 3.16 0.00	44.67 3.39 0.00	51.71 3.87 0.00	53.82 3.71 0.00	61.83 4.42 0.00	73.26 5.24 0.00	84.13 6.08 -4.76	94.13 6.48 -15.69	125.47 9.11 -23.45	130.14 8.78 -31.72	110.97 6.87 -28.62	96.03 6.20 -15.98	66.41 4.02 -5.72	52.67 3.51 -2.42	45.93 3.27 -2.74	39.06 2.59 0.00
FARRAGUT____LBMP 323566	38.80 2.06 0.00	36.19 2.08 0.00	35.31 1.87 0.00	32.84 1.74 0.00	32.73 1.68 0.00	35.15 1.86 0.00	38.50 1.90 0.00	41.01 2.83 0.00	42.54 3.08 0.00	44.63 3.34 0.00	51.66 3.83 0.00	53.72 3.61 0.00	61.77 4.36 0.00	73.12 5.10 0.00	84.06 6.01 -4.76	94.06 6.41 -15.69	125.38 9.01 -23.45	130.05 8.69 -31.72	110.82 6.72 -28.62	95.95 6.13 -15.98	66.35 3.97 -5.72	52.62 3.46 -2.42	45.89 3.23 -2.74	39.02 2.55 0.00
FENNER____WINDPWR 24204	37.55 0.81 0.00	34.79 0.68 0.00	34.10 0.67 0.00	31.66 0.56 0.00	31.67 0.62 0.00	33.95 0.67 0.00	37.44 0.84 0.00	39.14 0.95 0.00	40.69 1.22 0.00	42.52 1.24 0.00	49.46 1.63 0.00	52.06 1.95 0.00	59.42 2.01 0.00	70.54 2.52 0.00	76.37 2.56 -0.52	76.13 2.45 -1.72	98.45 2.78 -2.75	95.91 2.87 -3.41	81.12 2.57 -3.07	78.00 2.43 -1.72	59.21 1.93 -0.61	48.59 1.59 -0.26	41.31 1.08 -0.31	37.42 0.95 0.00
FIBERTEK____ENERGY 23856	36.75 0.00 0.00	33.97 -0.14 0.00	33.30 -0.13 0.00	30.91 -0.19 0.00	30.90 -0.16 0.00	33.08 -0.20 0.00	36.64 0.04 0.00	38.26 0.08 0.00	39.74 0.28 0.00	41.74 0.45 0.00	48.41 0.57 0.00	50.86 0.75 0.00	58.10 0.69 0.00	68.97 0.95 0.00	74.02 0.73 0.00	72.62 0.65 0.00	95.76 0.56 -2.29	90.28 0.63 -0.02	75.94 0.45 0.00	74.29 0.44 0.00	57.18 0.51 0.00	47.30 0.56 0.00	40.35 0.16 -0.27	36.54 0.07 0.00
FITZPATRICK____ 23598	36.01 -0.73 0.00	33.36 -0.75 0.00	32.70 -0.74 0.00	30.41 -0.68 0.00	30.37 -0.68 0.00	32.55 -0.73 0.00	35.87 -0.73 0.00	37.50 -0.69 0.00	38.91 -0.55 0.00	40.58 -0.70 0.00	47.21 -0.62 0.00	49.61 -0.50 0.00	56.66 -0.75 0.00	67.21 -0.81 0.00	72.26 -1.03 0.00	70.81 -1.15 0.00	92.73 -1.58 -1.40	88.21 -1.44 -0.01	74.20 -1.28 0.00	72.59 -1.26 0.00	55.82 -0.85 0.00	46.18 -0.56 0.00	39.48 -0.60 -0.16	35.81 -0.66 0.00
FLOWRFLD_69_KV_BK1 356044	48.81 3.45 -8.61	42.74 3.44 -5.19	45.28 3.24 -8.60	37.70 3.05 -3.56	35.47 3.01 -1.41	37.36 3.26 -0.82	40.20 3.59 -0.02	48.14 4.51 -5.46	50.56 4.50 -6.60	63.21 3.67 -18.25	61.11 4.16 -9.12	123.68 4.31 -69.26	180.45 5.28 -117.76	410.70 6.19 -336.49	444.89 7.84 -363.76	359.54 8.13 -279.44	298.32 11.06 -194.35	412.22 10.76 -311.83	373.52 8.15 -289.88	272.78 7.90 -191.03	461.89 5.84 -399.39	166.23 4.67 -114.82	140.36 4.43 -96.01	48.89 3.83 -8.60
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	39.13 2.39 0.00	36.39 2.29 0.00	35.47 2.04 0.00	33.03 1.93 0.00	32.89 1.83 0.00	35.28 2.00 0.00	38.69 2.09 0.00	41.05 2.86 0.00	42.50 3.04 0.00	44.63 3.34 0.00	51.81 3.97 0.00	54.02 3.91 0.00	62.23 4.82 0.00	73.74 5.71 0.00	84.91 6.67 -4.95	95.11 6.84 -16.31	125.15 8.27 -23.96	130.64 8.07 -32.94	111.55 6.34 -29.73	96.35 5.91 -16.60	66.86 4.25 -5.94	52.85 3.60 -2.52	45.79 3.11 -2.75	38.95 2.48 0.00
FORT ORANGE____ 23900	37.67 0.92 0.00	34.99 0.89 0.00	34.27 0.84 0.00	31.94 0.84 0.00	31.83 0.78 0.00	34.15 0.86 0.00	37.33 0.73 0.00	39.10 0.91 0.00	40.65 1.18 0.00	42.65 1.36 0.00	49.32 1.48 0.00	51.31 1.20 0.00	58.84 1.44 0.00	69.72 1.70 0.00	85.39 1.98 -10.13	107.27 1.94 -33.36	125.56 2.70 -29.95	159.43 2.60 -67.19	138.36 2.11 -60.76	109.84 2.06 -33.92	70.34 1.53 -12.15	53.38 1.50 -5.14	44.78 1.36 -3.50	37.67 1.20 0.00
FORT_DRUM_COGEN 23780	37.26 0.51 0.00	34.38 0.27 0.00	33.73 0.30 0.00	31.28 0.19 0.00	31.30 0.25 0.00	33.62 0.33 0.00	37.19 0.59 0.00	38.79 0.61 0.00	40.25 0.79 0.00	42.07 0.78 0.00	48.51 0.67 0.00	51.16 1.05 0.00	58.16 0.75 0.00	69.25 1.22 0.00	74.39 1.10 0.00	73.05 1.08 0.00	95.89 1.77 -1.21	91.53 1.88 -0.01	77.82 2.34 0.00	76.14 2.29 0.00	58.37 1.70 0.00	47.77 1.03 0.00	40.66 0.60 -0.14	36.98 0.51 0.00
FPL_FAR_ROCK_GT1 24212	43.55 3.45 -3.35	42.35 3.14 -5.11	41.98 2.91 -5.64	37.35 2.70 -3.54	35.10 2.64 -1.41	36.97 2.86 -0.82	39.76 3.15 -0.01	41.96 3.67 -0.11	43.49 4.03 0.00	45.79 4.50 0.00	52.53 4.69 0.00	54.97 4.86 0.00	63.33 5.91 0.00	74.76 6.74 0.00	86.55 8.50 -4.76	96.31 8.63 -15.71	128.08 11.71 -23.46	132.85 11.48 -31.74	112.71 8.60 -28.63	97.88 8.05 -15.98	68.29 5.89 -5.73	54.02 4.86 -2.42	47.30 4.63 -2.75	41.49 3.47 -1.56
FPL_FAR_ROCK_GT2 23815	43.55 3.45 -3.35	42.35 3.14 -5.11	41.98 2.91 -5.64	37.35 2.70 -3.54	35.10 2.64 -1.41	36.97 2.86 -0.82	39.76 3.15 -0.01	41.96 3.67 -0.11	43.49 4.03 0.00	45.79 4.50 0.00	52.53 4.69 0.00	54.97 4.86 0.00	63.33 5.91 0.00	74.76 6.74 0.00	86.55 8.50 -4.76	96.31 8.63 -15.71	128.08 11.71 -23.46	132.85 11.48 -31.74	112.71 8.60 -28.63	97.88 8.05 -15.98	68.29 5.89 -5.73	54.02 4.86 -2.42	47.30 4.63 -2.75	41.49 3.47 -1.56
FRANKLIN_FALL_HYD 24054	36.27 -0.48 0.00	33.70 -0.41 0.00	33.07 -0.37 0.00	30.82 -0.28 0.00	30.77 -0.28 0.00	32.95 -0.33 0.00	36.27 -0.33 0.00	37.53 -0.65 0.00	38.64 -0.83 0.00	40.09 -1.20 0.00	46.50 -1.34 0.00	48.65 -1.45 0.00	56.09 -1.32 0.00	66.32 -1.70 0.00	71.53 -1.76 0.00	69.88 -2.09 0.00	89.94 -2.97 0.00	86.50 -3.14 0.00	73.75 -1.74 0.00	72.30 -1.55 0.00	55.36 -1.30 0.00	45.10 -1.64 0.00	38.96 -0.96 0.00	36.14 -0.33 0.00
FREEPORT_EQUS_GT1 23764	43.18 3.09 -3.35	42.04 2.83 -5.10	41.70 2.61 -5.66	37.10 2.46 -3.54	34.85 2.39 -1.41	36.73 2.63 -0.82	39.46 2.86 -0.01	41.62 3.28 -0.15	43.25 3.79 0.00	45.54 4.25 0.00	51.67 3.83 0.00	54.02 3.91 0.00	62.23 4.82 0.00	73.53 5.51 0.00	85.16 7.11 -4.76	95.02 7.34 -15.71	126.50 10.13 -23.46	131.23 9.86 -31.74	111.36 7.25 -28.63	96.62 6.79 -15.98	67.38 4.99 -5.73	53.41 4.25 -2.42	46.94 4.27 -2.75	41.20 3.17 -1.56
FREEPORT____CT2 23818	43.18 3.09 -3.35	42.04 2.83 -5.10	41.70 2.61 -5.66	37.10 2.46 -3.54	34.85 2.39 -1.41	36.73 2.63 -0.82	39.46 2.86 -0.01	41.62 3.28 -0.15	43.25 3.79 0.00	45.54 4.25 0.00	51.67 3.83 0.00	54.02 3.91 0.00	62.23 4.82 0.00	73.53 5.51 0.00	85.16 7.11 -4.76	95.02 7.34 -15.71	126.50 10.13 -23.46	131.23 9.86 -31.74	111.36 7.25 -28.63	96.62 6.79 -15.98	67.38 4.99 -5.73	53.41 4.25 -2.42	46.94 4.27 -2.75	41.20 3.17 -1.56
FRESHKLS_33_KV_LOAD 356253	37.59 2.17 1.33	36.40 2.29 -0.01	35.55 2.11 -0.01	33.07 1.96 -0.01	32.92 1.86 -0.01	35.28 2.00 0.00	36.91 1.76 1.44	38.07 2.86 2.98	37.86 3.20 4.80	38.11 3.30 6.48	39.79 3.54 11.58	39.85 3.31 13.57	40.38 4.08 21.11	41.45 4.76 31.34	42.77 5.64 36.17	42.63 6.05 35.38	81.05 8.64 20.51	85.17 8.34 12.80	45.96 6.49 36.01	42.49 5.91 37.27	40.36 3.80 20.11	40.40 3.22 9.56	40.32 3.23 2.83	38.10 2.63 0.99

FULTON COGEN____ 23766	36.56 -0.18 0.00	33.80 -0.31 0.00	33.13 -0.30 0.00	30.79 -0.31 0.00	30.77 -0.28 0.00	32.95 -0.33 0.00	36.45 -0.15 0.00	38.07 -0.11 0.00	39.54 0.08 0.00	41.53 0.25 0.00	48.12 0.29 0.00	50.56 0.45 0.00	57.75 0.34 0.00	68.57 0.54 0.00	73.65 0.37 0.00	72.18 0.22 0.00	94.84 0.09 -1.83	89.83 0.18 -0.01	75.56 0.08 0.00	73.92 0.07 0.00	56.84 0.17 0.00	47.02 0.28 0.00	40.05 -0.08 -0.21	36.14 -0.33 0.00
FULTON____LFGE 323630	40.86 4.11 0.00	37.86 3.75 0.00	37.05 3.61 0.00	34.43 3.33 0.00	34.41 3.35 0.00	37.04 3.76 0.00	40.92 4.32 0.00	42.69 4.50 0.00	44.40 4.93 0.00	46.32 5.04 0.00	53.91 6.08 0.00	56.67 6.56 0.00	64.93 7.52 0.00	77.68 9.66 0.00	97.67 10.12 -14.27	128.68 9.71 -47.00	141.36 12.63 -35.81	196.76 12.55 -94.57	171.85 10.79 -85.57	132.26 10.64 -47.77	82.33 8.56 -17.10	60.76 6.77 -7.24	49.13 5.03 -4.18	40.66 4.19 0.00
G.F.CEMENT____DRP 24184	39.72 2.98 0.00	36.84 2.73 0.00	36.01 2.57 0.00	33.49 2.39 0.00	33.38 2.33 0.00	35.91 2.63 0.00	39.42 2.82 0.00	41.50 3.32 0.00	43.13 3.67 0.00	45.13 3.84 0.00	52.62 4.78 0.00	55.27 5.16 0.00	63.49 6.09 0.00	75.51 7.48 0.00	95.73 7.26 -15.19	129.13 7.12 -50.04	132.60 8.36 -31.32	198.39 8.07 -100.68	173.50 6.87 -91.15	131.53 6.79 -50.89	80.21 5.33 -18.22	59.03 4.58 -7.72	47.21 3.63 -3.65	39.50 3.03 0.00
GARDENVILLE____LBMP 24039	36.49 -0.26 0.00	33.02 -1.09 0.00	32.16 -1.27 0.00	29.85 -1.24 0.00	29.97 -1.09 0.00	31.95 -1.33 0.00	36.20 -0.40 0.00	37.27 -0.92 0.00	39.15 -0.32 0.00	41.24 -0.04 0.00	47.74 -0.10 0.00	50.41 0.30 0.00	56.38 -1.03 0.00	67.07 -0.95 0.00	71.77 -2.27 -0.76	72.02 -2.45 -2.50	91.28 -5.39 -3.75	90.48 -4.12 -4.97	76.27 -3.70 -4.48	72.88 -3.47 -2.50	55.98 -1.59 -0.90	47.30 0.19 -0.38	38.84 -1.52 -0.44	34.65 -1.82 0.00
GARDNVLA_35_KV_LD 355827	36.64 -0.11 0.00	33.15 -0.96 0.00	32.30 -1.14 0.00	29.98 -1.12 0.00	30.09 -0.96 0.00	32.09 -1.20 0.00	36.34 -0.26 0.00	37.38 -0.80 0.00	39.31 -0.16 0.00	41.41 0.12 0.00	47.93 0.10 0.00	50.61 0.50 0.00	56.61 -0.80 0.00	67.34 -0.68 0.00	72.07 -1.98 -0.76	72.32 -2.16 -2.51	91.58 -5.11 -3.77	90.78 -3.85 -5.00	76.60 -3.40 -4.51	73.19 -3.18 -2.52	56.21 -1.36 -0.90	47.49 0.37 -0.38	38.96 -1.40 -0.44	34.79 -1.68 0.00
GELCKHM__115KV_LOAD 80723	36.60 -0.15 0.00	33.83 -0.27 0.00	33.13 -0.30 0.00	30.79 -0.31 0.00	30.77 -0.28 0.00	32.98 -0.30 0.00	36.49 -0.11 0.00	38.11 -0.08 0.00	39.58 0.12 0.00	41.53 0.25 0.00	48.12 0.29 0.00	50.56 0.45 0.00	57.75 0.34 0.00	68.57 0.54 0.00	73.65 0.37 0.00	72.18 0.22 0.00	95.09 0.09 -2.08	89.83 0.18 -0.02	75.48 0.00 0.00	73.85 0.00 0.00	56.84 0.17 0.00	47.06 0.33 0.00	40.12 -0.04 -0.24	36.21 -0.26 0.00
GENERAL____MILLS 23808	36.60 -0.15 0.00	33.08 -1.02 0.00	32.26 -1.17 0.00	29.95 -1.15 0.00	30.06 -0.99 0.00	32.05 -1.23 0.00	36.27 -0.33 0.00	37.34 -0.84 0.00	39.23 -0.24 0.00	41.37 0.08 0.00	47.84 0.00 0.00	50.56 0.45 0.00	56.55 -0.86 0.00	67.27 -0.75 0.00	71.92 -2.13 -0.76	72.17 -2.30 -2.51	91.39 -5.30 -3.77	90.68 -3.94 -4.99	76.52 -3.47 -4.50	73.04 -3.32 -2.51	56.09 -1.47 -0.90	47.40 0.28 -0.38	38.92 -1.44 -0.44	34.72 -1.75 0.00
GE_PLASTICS____DRP 24183	37.66 0.92 0.00	35.10 0.99 0.00	34.40 0.97 0.00	32.03 0.93 0.00	31.92 0.87 0.00	34.25 0.97 0.00	37.40 0.81 0.00	39.40 1.22 0.00	40.77 1.30 0.00	42.69 1.40 0.00	49.46 1.63 0.00	51.21 1.10 0.00	58.67 1.26 0.00	69.45 1.43 0.00	84.24 1.76 -9.20	103.91 1.66 -30.29	125.03 2.14 -29.97	152.83 2.15 -61.04	132.33 1.66 -55.18	106.43 1.77 -30.81	69.06 1.36 -11.03	53.05 1.64 -4.67	44.86 1.44 -3.50	37.64 1.17 0.00
GILBOA____1 23756	37.70 0.95 0.00	35.27 1.16 0.00	34.74 1.30 0.00	32.34 1.25 0.00	32.26 1.21 0.00	34.62 1.33 0.00	37.74 1.14 0.00	39.52 1.34 0.00	40.85 1.38 0.00	42.81 1.53 0.00	49.56 1.72 0.00	51.76 1.65 0.00	59.36 1.95 0.00	69.92 1.90 0.00	79.84 2.20 -4.36	88.27 1.94 -14.36	118.65 2.70 -23.04	121.33 2.69 -29.01	103.68 2.04 -26.16	90.89 2.43 -14.61	63.82 1.93 -5.23	50.68 1.73 -2.21	44.09 1.48 -2.69	37.53 1.06 0.00
GILBOA____2 23757	37.70 0.95 0.00	35.27 1.16 0.00	34.74 1.30 0.00	32.34 1.25 0.00	32.26 1.21 0.00	34.62 1.33 0.00	37.74 1.14 0.00	39.52 1.34 0.00	40.85 1.38 0.00	42.81 1.53 0.00	49.56 1.72 0.00	51.76 1.65 0.00	59.36 1.95 0.00	69.92 1.90 0.00	79.84 2.20 -4.36	88.27 1.94 -14.36	118.65 2.70 -23.04	121.33 2.69 -29.01	103.68 2.04 -26.16	90.89 2.43 -14.61	63.82 1.93 -5.23	50.68 1.73 -2.21	44.09 1.48 -2.69	37.53 1.06 0.00
GILBOA____3 23758	37.70 0.95 0.00	35.27 1.16 0.00	34.74 1.30 0.00	32.34 1.25 0.00	32.26 1.21 0.00	34.62 1.33 0.00	37.74 1.14 0.00	39.52 1.34 0.00	40.85 1.38 0.00	42.81 1.53 0.00	49.56 1.72 0.00	51.76 1.65 0.00	59.36 1.95 0.00	69.92 1.90 0.00	79.84 2.20 -4.36	88.27 1.94 -14.36	118.65 2.70 -23.04	121.33 2.69 -29.01	103.68 2.04 -26.16	90.89 2.43 -14.61	63.82 1.93 -5.23	50.68 1.73 -2.21	44.09 1.48 -2.69	37.53 1.06 0.00
GILBOA____4 23759	37.70 0.95 0.00	35.27 1.16 0.00	34.74 1.30 0.00	32.34 1.25 0.00	32.26 1.21 0.00	34.62 1.33 0.00	37.74 1.14 0.00	39.52 1.34 0.00	40.85 1.38 0.00	42.81 1.53 0.00	49.56 1.72 0.00	51.76 1.65 0.00	59.36 1.95 0.00	69.92 1.90 0.00	79.84 2.20 -4.36	88.27 1.94 -14.36	118.65 2.70 -23.04	121.33 2.69 -29.01	103.68 2.04 -26.16	90.89 2.43 -14.61	63.82 1.93 -5.23	50.68 1.73 -2.21	44.09 1.48 -2.69	37.53 1.06 0.00
GILBOA____ 23599	37.63 0.88 0.00	35.27 1.16 0.00	34.74 1.30 0.00	32.34 1.24 0.00	32.26 1.21 0.00	34.61 1.33 0.00	37.66 1.06 0.00	39.71 1.53 0.00	40.85 1.38 0.00	42.77 1.49 0.00	49.56 1.72 0.00	51.76 1.65 0.00	59.36 1.95 0.00	69.93 1.90 0.00	79.85 2.20 -4.36	88.27 1.94 -14.36	118.66 2.69 -23.05	121.33 2.69 -29.01	103.76 2.11 -26.16	90.89 2.44 -14.61	63.82 1.93 -5.23	50.68 1.73 -2.21	44.05 1.44 -2.69	37.56 1.09 0.00
GINNA____ 23603	34.91 -1.84 0.00	32.20 -1.91 0.00	31.49 -1.94 0.00	29.17 -1.93 0.00	29.22 -1.83 0.00	31.25 -2.03 0.00	34.73 -1.87 0.00	36.35 -1.83 0.00	38.05 -1.42 0.00	39.26 -2.02 0.00	46.26 -1.58 0.00	48.90 -1.20 0.00	55.52 -1.89 0.00	66.12 -1.90 0.00	71.16 -2.64 -0.51	70.68 -2.95 -1.67	91.52 -4.09 -2.68	88.92 -4.03 -3.32	74.93 -3.55 -2.99	71.90 -3.62 -1.67	54.94 -2.33 -0.60	45.54 -1.45 -0.25	38.67 -1.56 -0.31	34.83 -1.64 0.00
GLEN PARK____ 23778	37.44 0.70 0.00	34.58 0.48 0.00	33.94 0.50 0.00	31.44 0.34 0.00	31.49 0.43 0.00	33.81 0.53 0.00	37.40 0.80 0.00	39.02 0.84 0.00	40.53 1.07 0.00	42.32 1.03 0.00	48.84 1.01 0.00	51.56 1.45 0.00	58.62 1.21 0.00	69.86 1.84 0.00	74.98 1.69 0.00	73.69 1.72 0.00	96.66 2.51 -1.24	92.33 2.69 -0.01	78.58 3.10 0.00	76.88 3.03 0.00	58.87 2.21 0.00	48.23 1.50 0.00	41.02 0.96 -0.14	37.34 0.87 0.00

GLENDALE_27_KV_LOAD 356172	39.13 2.39 0.00	36.46 2.35 0.00	35.54 2.11 0.00	33.06 1.96 0.00	32.92 1.86 0.00	35.35 2.06 0.00	38.61 2.01 0.00	41.27 3.09 0.00	42.82 3.35 0.00	44.88 3.59 0.00	51.75 3.92 0.01	53.86 3.76 0.01	58.96 4.48 2.93	59.61 5.31 13.72	59.26 6.16 20.19	60.40 6.55 18.12	113.07 9.29 -10.86	117.07 8.87 -18.56	63.94 6.94 18.49	59.95 6.28 20.18	54.27 4.14 6.53	52.70 3.55 -2.41	46.05 3.39 -2.74	39.31 2.84 0.00
GLENWOOD_IC_1_G5 23712	42.66 2.57 -3.35	41.73 2.52 -5.10	41.40 2.31 -5.66	36.82 2.18 -3.54	34.54 2.08 -1.41	36.43 2.33 -0.82	39.05 2.45 0.00	41.62 3.28 -0.15	43.02 3.55 0.00	44.71 3.43 0.00	51.66 3.83 0.00	53.92 3.81 0.00	62.12 4.71 0.00	73.46 5.44 0.00	84.79 6.74 -4.76	94.66 6.98 -15.71	125.95 9.57 -23.46	130.60 9.23 -31.73	111.21 7.10 -28.63	96.40 6.57 -15.98	66.92 4.53 -5.72	52.99 3.83 -2.42	46.17 3.51 -2.74	40.83 2.81 -1.56
GLENWOOD_IC_2_G1 23688	42.52 2.42 -3.35	41.46 2.25 -5.10	41.11 2.04 -5.64	36.57 1.93 -3.54	34.32 1.86 -1.41	36.16 2.06 -0.82	38.84 2.23 -0.01	40.96 2.67 -0.11	42.66 3.20 0.00	44.92 3.63 0.00	51.62 3.78 0.00	53.87 3.76 0.00	61.89 4.48 0.00	73.26 5.24 0.00	84.43 6.37 -4.76	94.29 6.62 -15.71	125.49 9.11 -23.46	130.25 8.88 -31.74	110.83 6.72 -28.63	96.03 6.20 -15.98	66.76 4.36 -5.73	52.85 3.69 -2.42	46.14 3.47 -2.75	40.58 2.55 -1.56
GLENWOOD_IC_3_G1 23689	42.52 2.42 -3.35	41.46 2.25 -5.10	41.11 2.04 -5.64	36.57 1.93 -3.54	34.32 1.86 -1.41	36.16 2.06 -0.82	38.84 2.23 -0.01	40.96 2.67 -0.11	42.66 3.20 0.00	44.92 3.63 0.00	51.62 3.78 0.00	53.87 3.76 0.00	61.89 4.48 0.00	73.26 5.24 0.00	84.43 6.37 -4.76	94.29 6.62 -15.71	125.49 9.11 -23.46	130.25 8.88 -31.74	110.83 6.72 -28.63	96.03 6.20 -15.98	66.76 4.36 -5.73	52.85 3.69 -2.42	46.14 3.47 -2.75	40.58 2.55 -1.56
GLENWOOD___4 23550	42.66 2.57 -3.35	41.73 2.52 -5.10	41.40 2.31 -5.66	36.82 2.18 -3.54	34.54 2.08 -1.41	36.43 2.33 -0.82	39.05 2.45 0.00	41.62 3.28 -0.15	43.02 3.55 0.00	44.71 3.43 0.00	51.76 3.92 0.00	54.07 3.96 0.00	62.23 4.82 0.00	73.60 5.58 0.00	84.94 6.89 -4.76	94.80 7.12 -15.71	126.13 9.76 -23.46	130.86 9.50 -31.73	111.36 7.25 -28.63	96.55 6.72 -15.98	67.09 4.70 -5.72	53.09 3.93 -2.42	46.29 3.63 -2.74	40.91 2.88 -1.56
GLENWOOD___5 23614	42.66 2.57 -3.35	41.73 2.52 -5.10	41.40 2.31 -5.66	36.82 2.18 -3.54	34.54 2.08 -1.41	36.43 2.33 -0.82	39.05 2.45 0.00	41.62 3.28 -0.15	43.02 3.55 0.00	44.71 3.43 0.00	51.76 3.92 0.00	54.07 3.96 0.00	62.23 4.82 0.00	73.60 5.58 0.00	84.94 6.89 -4.76	94.80 7.12 -15.71	126.13 9.76 -23.46	130.86 9.50 -31.73	111.36 7.25 -28.63	96.55 6.72 -15.98	67.09 4.70 -5.72	53.09 3.93 -2.42	46.29 3.63 -2.74	40.91 2.88 -1.56
GLOBAL GREEN_PORT_GT1 23814	50.06 5.58 -7.74	44.38 5.11 -5.16	45.98 4.82 -7.73	39.16 4.51 -3.55	36.87 4.41 -1.41	38.86 4.76 -0.82	41.92 5.31 -0.02	49.05 5.95 -4.91	50.69 6.55 -4.68	61.33 7.10 -12.94	66.99 7.22 -11.93	106.68 7.47 -49.10	150.08 9.18 -83.49	317.69 11.09 -238.58	345.77 13.19 -259.30	304.78 13.38 -219.43	288.21 17.57 -177.73	311.37 16.84 -204.89	302.78 13.44 -213.86	315.93 13.00 -229.08	404.95 9.86 -338.43	190.51 8.09 -135.69	115.90 7.11 -68.87	50.76 5.80 -8.49
GLOBE___DSASP 323697	35.20 -1.54 0.00	31.82 -2.29 0.00	31.06 -2.37 0.00	28.83 -2.27 0.00	28.94 -2.11 0.00	30.85 -2.43 0.00	34.99 -1.61 0.00	35.81 -2.37 0.00	37.57 -1.89 0.00	39.59 -1.69 0.00	45.73 -2.10 0.00	48.40 -1.70 0.00	54.02 -3.39 0.00	64.21 -3.81 0.00	68.56 -5.42 -0.69	68.48 -5.76 -2.27	87.74 -8.64 -3.47	86.18 -7.98 -4.53	72.40 -7.17 -4.08	69.26 -6.87 -2.28	53.46 -4.02 -0.82	45.40 -1.68 -0.35	37.69 -2.63 -0.40	33.22 -3.25 0.00
GOETHSLN___LBMP 323567	38.51 1.76 0.00	35.98 1.88 0.00	35.07 1.64 0.00	32.65 1.55 0.00	32.51 1.46 0.00	34.91 1.63 0.00	36.81 1.65 1.44	37.73 2.52 2.97	42.27 2.80 0.00	44.34 3.06 0.00	39.75 3.49 11.58	39.81 3.26 13.56	40.27 3.96 21.10	41.32 4.63 31.33	42.63 5.50 36.16	42.50 5.90 35.37	80.78 8.36 20.50	84.91 8.07 12.79	45.74 6.27 36.01	42.20 5.61 37.26	40.14 3.57 20.10	40.32 3.13 9.55	40.06 2.95 2.81	37.79 2.30 0.98
GOLAH___69_KV_TB 1_2 80279	36.97 0.22 0.00	33.70 -0.41 0.00	32.90 -0.53 0.00	30.51 -0.59 0.00	30.56 -0.50 0.00	32.65 -0.63 0.00	36.64 0.04 0.00	37.91 -0.27 0.00	39.74 0.28 0.00	41.78 0.50 0.00	48.32 0.48 0.00	51.06 0.95 0.00	57.64 0.23 0.00	68.50 0.48 -0.54	73.53 -0.29 -1.77	73.02 -0.72 -2.82	94.25 -1.49 -3.52	91.90 -1.25 -3.18	77.15 -1.51 -1.77	74.00 -1.62 -1.77	56.90 -0.40 -0.64	47.61 0.61 -0.27	40.05 -0.20 -0.33	35.41 -1.06 0.00
GOODYEAR_LAKE_HYD 323669	38.62 1.87 0.00	35.85 1.74 0.00	35.21 1.77 0.00	32.68 1.59 0.00	32.67 1.61 0.00	35.08 1.80 0.00	38.61 2.01 0.00	40.55 2.37 0.00	41.99 2.53 0.00	44.05 2.77 0.00	51.04 3.21 0.00	53.72 3.61 0.00	61.31 3.90 0.00	72.72 4.69 0.00	83.80 4.91 -5.60	95.16 4.75 -18.44	103.21 5.95 -4.35	132.57 6.10 -36.85	114.17 5.28 -33.41	97.67 5.17 -18.65	67.37 4.02 -6.68	52.84 3.27 -2.83	42.78 2.36 -0.51	38.40 1.93 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	37.22 0.48 0.00	34.35 0.24 0.00	33.60 0.17 0.00	31.25 0.16 0.00	31.24 0.19 0.00	33.45 0.17 0.00	37.08 0.48 0.00	38.75 0.57 0.00	40.25 0.79 0.00	42.24 0.95 0.00	48.94 1.10 0.00	51.46 1.35 0.00	58.56 1.15 0.00	69.52 1.50 0.00	76.21 1.32 -1.60	78.46 1.22 -5.26	100.85 0.84 -7.09	101.44 1.34 -10.46	86.06 1.13 -9.44	80.22 1.11 -5.27	59.69 1.13 -1.89	48.89 1.36 -0.80	41.19 0.44 -0.83	36.65 0.18 0.00
GOUDEY___7 23579	37.26 0.51 0.00	34.38 0.27 0.00	33.63 0.20 0.00	31.28 0.19 0.00	31.27 0.22 0.00	33.48 0.20 0.00	37.11 0.51 0.00	38.79 0.61 0.00	40.29 0.83 0.00	42.32 1.03 0.00	49.03 1.20 0.00	51.56 1.45 0.00	58.67 1.26 0.00	69.59 1.56 0.00	76.28 1.39 -1.60	78.53 1.30 -5.26	100.94 0.93 -7.09	101.62 1.52 -10.46	86.21 1.28 -9.44	80.37 1.26 -5.27	59.80 1.25 -1.89	48.94 1.40 -0.80	41.23 0.48 -0.83	36.69 0.22 0.00
GOUDEY___8 23580	37.22 0.48 0.00	34.35 0.24 0.00	33.60 0.17 0.00	31.25 0.16 0.00	31.24 0.19 0.00	33.45 0.17 0.00	37.08 0.48 0.00	38.75 0.57 0.00	40.25 0.79 0.00	42.24 0.95 0.00	48.94 1.10 0.00	51.46 1.35 0.00	58.56 1.15 0.00	69.52 1.50 0.00	76.21 1.32 -1.60	78.46 1.22 -5.26	100.85 0.84 -7.09	101.44 1.34 -10.46	86.06 1.13 -9.44	80.22 1.11 -5.27	59.69 1.13 -1.89	48.89 1.36 -0.80	41.19 0.44 -0.83	36.65 0.18 0.00
GOWANUS_GT1_1 24077	39.10 2.35 0.00	36.50 2.39 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.54 1.94 0.00	41.20 3.02 0.00	42.87 3.35 -0.06	44.89 3.55 -0.06	51.66 3.83 0.01	53.71 3.61 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.79 8.60 -18.55	94.87 6.79 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.05 3.39 -2.74	39.24 2.77 0.00

GOWANUS_GT1_2 24078	39.10	36.50	35.58	33.10	32.96	35.35	38.54	41.20	42.87	44.89	51.66	53.71	68.63	83.48	72.92	89.87	112.69	116.79	94.87	90.08	54.15	52.61	46.05	39.24
	2.35	2.39	2.14	1.99	1.89	2.06	1.94	3.02	3.35	3.55	3.83	3.61	4.36	5.10	6.01	6.33	8.92	8.60	6.79	6.13	4.02	3.46	3.39	2.77
	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.06	-0.06	0.01	0.01	-6.86	-10.35	6.37	-11.57	-10.85	-18.55	-12.59	-10.11	6.54	-2.41	-2.74	0.00
GOWANUS_GT1_3 24079	39.10	36.50	35.58	33.10	32.96	35.35	38.54	41.20	42.87	44.89	51.66	53.71	68.63	83.48	72.92	89.87	112.69	116.79	94.87	90.08	54.15	52.61	46.05	39.24
	2.35	2.39	2.14	1.99	1.89	2.06	1.94	3.02	3.35	3.55	3.83	3.61	4.36	5.10	6.01	6.33	8.92	8.60	6.79	6.13	4.02	3.46	3.39	2.77
	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.06	-0.06	0.01	0.01	-6.86	-10.35	6.37	-11.57	-10.85	-18.55	-12.59	-10.11	6.54	-2.41	-2.74	0.00
GOWANUS_GT1_4 24080	39.10	36.50	35.58	33.10	32.96	35.35	38.54	41.20	42.87	44.89	51.66	53.71	68.63	83.48	72.92	89.87	112.69	116.79	94.87	90.08	54.15	52.61	46.05	39.24
	2.35	2.39	2.14	1.99	1.89	2.06	1.94	3.02	3.35	3.55	3.83	3.61	4.36	5.10	6.01	6.33	8.92	8.60	6.79	6.13	4.02	3.46	3.39	2.77
	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.06	-0.06	0.01	0.01	-6.86	-10.35	6.37	-11.57	-10.85	-18.55	-12.59	-10.11	6.54	-2.41	-2.74	0.00
GOWANUS_GT1_5 24084	39.10	36.50	35.58	33.10	32.96	35.35	38.54	41.20	42.87	44.89	51.66	53.71	68.63	83.48	72.92	89.87	112.69	116.79	94.87	90.08	54.15	52.61	46.05	39.24
	2.35	2.39	2.14	1.99	1.89	2.06	1.94	3.02	3.35	3.55	3.83	3.61	4.36	5.10	6.01	6.33	8.92	8.60	6.79	6.13	4.02	3.46	3.39	2.77
	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.06	-0.06	0.01	0.01	-6.86	-10.35	6.37	-11.57	-10.85	-18.55	-12.59	-10.11	6.54	-2.41	-2.74	0.00
GOWANUS_GT1_6 24111	39.10	36.50	35.58	33.10	32.96	35.35	38.54	41.20	42.87	44.89	51.66	53.71	68.63	83.48	72.92	89.87	112.69	116.79	94.87	90.08	54.15	52.61	46.05	39.24
	2.35	2.39	2.14	1.99	1.89	2.06	1.94	3.02	3.35	3.55	3.83	3.61	4.36	5.10	6.01	6.33	8.92	8.60	6.79	6.13	4.02	3.46	3.39	2.77
	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.06	-0.06	0.01	0.01	-6.86	-10.35	6.37	-11.57	-10.85	-18.55	-12.59	-10.11	6.54	-2.41	-2.74	0.00
GOWANUS_GT1_7 24112	39.10	36.50	35.58	33.10	32.96	35.35	38.54	41.20	42.87	44.89	51.66	53.71	68.63	83.48	72.92	89.87	112.69	116.79	94.87	90.08	54.15	52.61	46.05	39.24
	2.35	2.39	2.14	1.99	1.89	2.06	1.94	3.02	3.35	3.55	3.83	3.61	4.36	5.10	6.01	6.33	8.92	8.60	6.79	6.13	4.02	3.46	3.39	2.77
	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.06	-0.06	0.01	0.01	-6.86	-10.35	6.37	-11.57	-10.85	-18.55	-12.59	-10.11	6.54	-2.41	-2.74	0.00
GOWANUS_GT1_8 24113	39.10	36.50	35.58	33.10	32.96	35.35	38.54	41.20	42.87	44.89	51.66	53.71	68.63	83.48	72.92	89.87	112.69	116.79	94.87	90.08	54.15	52.61	46.05	39.24
	2.35	2.39	2.14	1.99	1.89	2.06	1.94	3.02	3.35	3.55	3.83	3.61	4.36	5.10	6.01	6.33	8.92	8.60	6.79	6.13	4.02	3.46	3.39	2.77
	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.06	-0.06	0.01	0.01	-6.86	-10.35	6.37	-11.57	-10.85	-18.55	-12.59	-10.11	6.54	-2.41	-2.74	0.00
GOWANUS_GT2_1 24114	39.36	36.47	35.58	33.10	32.96	35.35	38.68	40.78	42.87	45.06	51.70	53.76	68.63	83.48	72.92	89.87	112.69	116.88	94.79	90.08	54.15	52.61	46.10	38.98
	2.61	2.35	2.14	1.99	1.89	2.06	2.09	2.60	3.35	3.72	3.87	3.66	4.36	5.10	6.01	6.33	8.92	8.69	6.72	6.13	4.02	3.46	3.43	2.51
	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.06	-0.06	0.01	0.01	-6.86	-10.35	6.37	-11.57	-10.85	-18.55	-12.59	-10.11	6.54	-2.41	-2.75	0.00
GOWANUS_GT2_2 24115	39.36	36.47	35.58	33.10	32.96	35.35	38.68	40.78	42.87	45.06	51.70	53.76	68.63	83.48	72.92	89.87	112.69	116.88	94.79	90.08	54.15	52.61	46.10	38.98
	2.61	2.35	2.14	1.99	1.89	2.06	2.09	2.60	3.35	3.72	3.87	3.66	4.36	5.10	6.01	6.33	8.92	8.69	6.72	6.13	4.02	3.46	3.43	2.51
	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.06	-0.06	0.01	0.01	-6.86	-10.35	6.37	-11.57	-10.85	-18.55	-12.59	-10.11	6.54	-2.41	-2.75	0.00
GOWANUS_GT2_3 24116	39.36	36.47	35.58	33.10	32.96	35.35	38.68	40.78	42.87	45.06	51.70	53.76	68.63	83.48	72.92	89.87	112.69	116.88	94.79	90.08	54.15	52.61	46.10	38.98
	2.61	2.35	2.14	1.99	1.89	2.06	2.09	2.60	3.35	3.72	3.87	3.66	4.36	5.10	6.01	6.33	8.92	8.69	6.72	6.13	4.02	3.46	3.43	2.51
	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.06	-0.06	0.01	0.01	-6.86	-10.35	6.37	-11.57	-10.85	-18.55	-12.59	-10.11	6.54	-2.41	-2.75	0.00
GOWANUS_GT2_4 24117	39.36	36.47	35.58	33.10	32.96	35.35	38.68	40.78	42.87	45.06	51.70	53.76	68.63	83.48	72.92	89.87	112.69	116.88	94.79	90.08	54.15	52.61	46.10	38.98
	2.61	2.35	2.14	1.99	1.89	2.06	2.09	2.60	3.35	3.72	3.87	3.66	4.36	5.10	6.01	6.33	8.92	8.69	6.72	6.13	4.02	3.46	3.43	2.51
	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.06	-0.06	0.01	0.01	-6.86	-10.35	6.37	-11.57	-10.85	-18.55	-12.59	-10.11	6.54	-2.41	-2.75	0.00
GOWANUS_GT2_5 24118	39.36	36.47	35.58	33.10	32.96	35.35	38.68	40.78	42.87	45.06	51.70	53.76	68.63	83.48	72.92	89.87	112.69	116.88	94.79	90.08	54.15	52.61	46.10	38.98
	2.61	2.35	2.14	1.99	1.89	2.06	2.09	2.60	3.35	3.72	3.87	3.66	4.36	5.10	6.01	6.33	8.92	8.69	6.72	6.13	4.02	3.46	3.43	2.51
	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.06	-0.06	0.01	0.01	-6.86	-10.35	6.37	-11.57	-10.85	-18.55	-12.59	-10.11	6.54	-2.41	-2.75	0.00
GOWANUS_GT2_6 24119	39.36	36.47	35.58	33.10	32.96	35.35	38.68	40.78	42.87	45.06	51.70	53.76	68.63	83.48	72.92	89.87	112.69	116.88	94.79	90.08	54.15	52.61	46.10	38.98
	2.61	2.35	2.14	1.99	1.89	2.06	2.09	2.60	3.35	3.72	3.87	3.66	4.36	5.10	6.01	6.33	8.92	8.69	6.72	6.13	4.02	3.46	3.43	2.51
	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.06	-0.06	0.01	0.01	-6.86	-10.35	6.37	-11.57	-10.85	-18.55	-12.59	-10.11	6.54	-2.41	-2.75	0.00
GOWANUS_GT2_7 24120	39.36	36.47	35.58	33.10	32.96	35.35	38.68	40.78	42.87	45.06	51.70	53.76	68.63	83.48	72.92	89.87	112.69	116.88	94.79	90.08	54.15	52.61	46.10	38.98
	2.61	2.35	2.14	1.99	1.89	2.06	2.09	2.60	3.35	3.72	3.87	3.66	4.36	5.10	6.01	6.33	8.92	8.69	6.72	6.13	4.02	3.46	3.43	2.51
	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.06	-0.06	0.01	0.01	-6.86	-10.35	6.37	-11.57	-10.85	-18.55	-12.59	-10.11	6.54	-2.41	-2.75	0.00
GOWANUS_GT2_8 24121	39.36	36.47	35.58	33.10	32.96	35.35	38.68	40.78	42.87	45.06	51.70	53.76	68.63	83.48	72.92	89.87	112.69	116.88	94.79	90.08	54.15	52.61	46.10	38.98
	2.61	2.35	2.14	1.99	1.89	2.06	2.09	2.60	3.35	3.72	3.87	3.66	4.36	5.10	6.01	6.33	8.92	8.69	6.72	6.13	4.02	3.46	3.43	2.51
	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.06	-0.06	0.01	0.01	-6.86	-10.35	6.37	-11.57	-10.85	-18.55	-12.59	-10.11	6.54	-2.41	-2.75	0.00

GOWANUS_GT3_1 24122	39.36 2.61 0.00	36.47 2.35 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.68 2.09 0.00	40.78 2.60 0.00	42.87 3.35 -0.06	45.06 3.72 -0.06	51.70 3.87 0.01	53.76 3.66 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.88 8.69 -18.55	94.79 6.72 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.10 3.43 -2.75	38.98 2.51 0.00
GOWANUS_GT3_2 24123	39.36 2.61 0.00	36.47 2.35 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.68 2.09 0.00	40.78 2.60 0.00	42.87 3.35 -0.06	45.06 3.72 -0.06	51.70 3.87 0.01	53.76 3.66 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.88 8.69 -18.55	94.79 6.72 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.10 3.43 -2.75	38.98 2.51 0.00
GOWANUS_GT3_3 24124	39.36 2.61 0.00	36.47 2.35 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.68 2.09 0.00	40.78 2.60 0.00	42.87 3.35 -0.06	45.06 3.72 -0.06	51.70 3.87 0.01	53.76 3.66 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.88 8.69 -18.55	94.79 6.72 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.10 3.43 -2.75	38.98 2.51 0.00
GOWANUS_GT3_4 24125	39.36 2.61 0.00	36.47 2.35 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.68 2.09 0.00	40.78 2.60 0.00	42.87 3.35 -0.06	45.06 3.72 -0.06	51.70 3.87 0.01	53.76 3.66 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.88 8.69 -18.55	94.79 6.72 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.10 3.43 -2.75	38.98 2.51 0.00
GOWANUS_GT3_5 24126	39.36 2.61 0.00	36.47 2.35 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.68 2.09 0.00	40.78 2.60 0.00	42.87 3.35 -0.06	45.06 3.72 -0.06	51.70 3.87 0.01	53.76 3.66 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.88 8.69 -18.55	94.79 6.72 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.10 3.43 -2.75	38.98 2.51 0.00
GOWANUS_GT3_6 24127	39.36 2.61 0.00	36.47 2.35 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.68 2.09 0.00	40.78 2.60 0.00	42.87 3.35 -0.06	45.06 3.72 -0.06	51.70 3.87 0.01	53.76 3.66 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.88 8.69 -18.55	94.79 6.72 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.10 3.43 -2.75	38.98 2.51 0.00
GOWANUS_GT3_7 24128	39.36 2.61 0.00	36.47 2.35 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.68 2.09 0.00	40.78 2.60 0.00	42.87 3.35 -0.06	45.06 3.72 -0.06	51.70 3.87 0.01	53.76 3.66 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.88 8.69 -18.55	94.79 6.72 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.10 3.43 -2.75	38.98 2.51 0.00
GOWANUS_GT3_8 24129	39.36 2.61 0.00	36.47 2.35 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.68 2.09 0.00	40.78 2.60 0.00	42.87 3.35 -0.06	45.06 3.72 -0.06	51.70 3.87 0.01	53.76 3.66 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.88 8.69 -18.55	94.79 6.72 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.10 3.43 -2.75	38.98 2.51 0.00
GOWANUS_GT4_1 24130	39.10 2.35 0.00	36.50 2.39 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.54 1.94 0.00	41.20 3.02 0.00	42.87 3.35 -0.06	44.89 3.55 -0.06	51.66 3.83 0.01	53.71 3.61 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.79 8.60 -18.55	94.87 6.79 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.05 3.39 -2.74	39.24 2.77 0.00
GOWANUS_GT4_2 24131	39.10 2.35 0.00	36.50 2.39 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.54 1.94 0.00	41.20 3.02 0.00	42.87 3.35 -0.06	44.89 3.55 -0.06	51.66 3.83 0.01	53.71 3.61 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.79 8.60 -18.55	94.87 6.79 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.05 3.39 -2.74	39.24 2.77 0.00
GOWANUS_GT4_3 24132	39.10 2.35 0.00	36.50 2.39 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.54 1.94 0.00	41.20 3.02 0.00	42.87 3.35 -0.06	44.89 3.55 -0.06	51.66 3.83 0.01	53.71 3.61 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.79 8.60 -18.55	94.87 6.79 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.05 3.39 -2.74	39.24 2.77 0.00
GOWANUS_GT4_4 24133	39.10 2.35 0.00	36.50 2.39 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.54 1.94 0.00	41.20 3.02 0.00	42.87 3.35 -0.06	44.89 3.55 -0.06	51.66 3.83 0.01	53.71 3.61 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.79 8.60 -18.55	94.87 6.79 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.05 3.39 -2.74	39.24 2.77 0.00
GOWANUS_GT4_5 24134	39.10 2.35 0.00	36.50 2.39 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.54 1.94 0.00	41.20 3.02 0.00	42.87 3.35 -0.06	44.89 3.55 -0.06	51.66 3.83 0.01	53.71 3.61 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.79 8.60 -18.55	94.87 6.79 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.05 3.39 -2.74	39.24 2.77 0.00
GOWANUS_GT4_6 24135	39.10 2.35 0.00	36.50 2.39 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.54 1.94 0.00	41.20 3.02 0.00	42.87 3.35 -0.06	44.89 3.55 -0.06	51.66 3.83 0.01	53.71 3.61 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.79 8.60 -18.55	94.87 6.79 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.05 3.39 -2.74	39.24 2.77 0.00
GOWANUS_GT4_7 24136	39.10 2.35 0.00	36.50 2.39 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.54 1.94 0.00	41.20 3.02 0.00	42.87 3.35 -0.06	44.89 3.55 -0.06	51.66 3.83 0.01	53.71 3.61 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.79 8.60 -18.55	94.87 6.79 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.05 3.39 -2.74	39.24 2.77 0.00

GOWANUS_GT4_8 24137	39.10 2.35 0.00	36.50 2.39 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.54 1.94 0.00	41.20 3.02 0.00	42.87 3.35 -0.06	44.89 3.55 -0.06	51.66 3.83 0.01	53.71 3.61 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.79 8.60 -18.55	94.87 6.79 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.05 3.39 -2.74	39.24 2.77 0.00
GREENBSH_115KV_TB3 55895	37.48 0.73 0.00	34.93 0.82 0.00	34.24 0.80 0.00	31.88 0.78 0.00	31.77 0.71 0.00	34.08 0.80 0.00	37.19 0.59 0.00	39.21 1.03 0.00	40.61 1.14 0.00	42.48 1.20 0.00	49.22 1.39 0.00	51.26 1.15 0.00	58.84 1.44 0.00	69.66 1.63 0.00	85.62 1.98 -10.36	108.02 1.94 -34.11	125.65 2.60 -30.13	160.86 2.51 -68.72	139.59 1.96 -62.14	110.54 1.99 -34.70	70.56 1.47 -12.42	53.45 1.45 -5.26	44.67 1.24 -3.52	37.45 0.98 0.00
GREENDGE_115KV_TB5 80291	37.37 0.62 0.00	34.24 0.14 0.00	33.47 0.03 0.00	31.07 -0.03 0.00	31.12 0.06 0.00	33.32 0.03 0.00	37.08 0.48 0.00	38.60 0.42 0.00	40.29 0.83 0.00	42.44 1.16 0.00	49.22 1.39 0.00	51.86 1.75 0.00	58.79 1.38 0.00	69.93 1.90 0.00	75.67 1.47 -0.92	76.29 1.30 -3.03	98.16 0.84 -4.40	97.08 1.43 -6.02	82.12 1.21 -5.43	77.98 1.11 -3.03	59.05 1.30 -1.08	48.65 1.45 -0.46	40.83 0.40 -0.51	36.51 0.04 0.00
GREENIDGE____3 23582	37.37 0.62 0.00	34.24 0.14 0.00	33.47 0.03 0.00	31.07 -0.03 0.00	31.12 0.06 0.00	33.32 0.03 0.00	37.08 0.48 0.00	38.60 0.42 0.00	40.29 0.83 0.00	42.44 1.16 0.00	49.22 1.39 0.00	51.86 1.75 0.00	58.79 1.38 0.00	69.93 1.90 0.00	75.67 1.47 -0.92	76.29 1.30 -3.03	98.16 0.84 -4.40	97.08 1.43 -6.02	82.12 1.21 -5.43	77.98 1.11 -3.03	59.05 1.30 -1.08	48.65 1.45 -0.46	40.83 0.40 -0.51	36.51 0.04 0.00
GREENIDGE____4 23583	37.15 0.40 0.00	34.24 0.14 0.00	33.47 0.03 0.00	31.07 -0.03 0.00	31.12 0.06 0.00	33.32 0.03 0.00	36.86 0.26 0.00	38.52 0.34 0.00	40.29 0.83 0.00	41.78 0.50 0.00	49.13 1.29 0.00	51.76 1.65 0.00	58.78 1.38 0.00	69.92 1.90 0.00	75.67 1.47 -0.92	76.29 1.30 -3.03	98.16 0.83 -4.41	97.17 1.52 -6.01	82.19 1.28 -5.43	77.99 1.11 -3.03	59.06 1.30 -1.08	48.65 1.45 -0.46	41.30 0.88 -0.50	37.20 0.73 0.00
GREENLWN_69_KV_BK 3 55738	41.80 2.54 -2.51	41.89 2.69 -5.09	41.40 2.64 -5.32	36.97 2.33 -3.54	34.73 2.27 -1.41	36.60 2.50 -0.82	39.27 2.67 0.00	40.98 3.67 0.87	42.10 3.67 1.04	41.06 2.64 2.87	49.50 3.11 1.45	42.43 3.21 10.89	43.03 4.13 18.51	19.83 4.69 52.89	27.86 6.23 51.66	16.06 6.55 62.46	82.46 9.11 19.57	70.00 8.78 28.42	69.54 6.49 12.44	50.02 6.20 30.03	3.78 4.48 57.37	33.79 3.51 16.46	31.71 3.71 11.92	39.65 2.74 -0.44
GREENWD_138_KV_38B11_REV_LBMP_J 345004	39.10 2.35 0.00	36.50 2.39 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.54 1.94 0.00	41.20 3.02 0.00	42.87 3.35 -0.06	44.89 3.55 -0.06	51.66 3.83 0.01	53.71 3.61 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.79 8.60 -18.55	94.87 6.79 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.05 3.39 -2.74	39.24 2.77 0.00
GRISSOM____SOLAR 323813	40.86 4.11 0.00	37.86 3.75 0.00	37.05 3.61 0.00	34.43 3.33 0.00	34.41 3.35 0.00	37.04 3.76 0.00	40.92 4.32 0.00	42.69 4.50 0.00	44.40 4.93 0.00	46.32 5.04 0.00	53.91 6.08 0.00	56.67 6.56 0.00	64.93 7.52 0.00	77.68 9.66 0.00	97.67 10.12 -14.27	128.68 9.71 -47.00	141.36 12.63 -35.81	196.76 12.55 -94.57	171.85 10.79 -85.57	132.26 10.64 -47.77	82.33 8.56 -17.10	60.76 6.77 -7.24	49.13 5.03 -4.18	40.66 4.19 0.00
GROVEVILLE____HYD 323602	39.13 2.39 0.00	36.39 2.29 0.00	35.47 2.04 0.00	33.03 1.93 0.00	32.89 1.83 0.00	35.28 2.00 0.00	38.69 2.09 0.00	41.05 2.86 0.00	42.50 3.04 0.00	44.63 3.34 0.00	51.81 3.97 0.00	54.02 3.91 0.00	62.23 4.82 0.00	73.74 5.71 0.00	84.91 6.67 -4.95	95.11 6.84 -16.31	125.15 8.27 -23.96	130.64 8.07 -32.94	111.55 6.34 -29.73	96.35 5.91 -16.60	66.86 4.25 -5.94	52.85 3.60 -2.52	45.79 3.11 -2.75	38.95 2.48 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	36.75 0.00 0.00	33.97 -0.14 0.00	33.30 -0.13 0.00	30.91 -0.19 0.00	30.90 -0.16 0.00	33.08 -0.20 0.00	36.64 0.04 0.00	38.26 0.08 0.00	39.74 0.28 0.00	41.74 0.45 0.00	48.41 0.57 0.00	50.86 0.75 0.00	58.10 0.69 0.00	68.97 0.95 0.00	74.02 0.73 0.00	72.62 0.65 0.00	95.76 0.56 -2.29	90.28 0.63 -0.02	75.94 0.45 0.00	74.29 0.44 0.00	57.18 0.51 0.00	47.30 0.56 0.00	40.35 0.16 -0.27	36.54 0.07 0.00
HAMLTNNY_34_KV_TB 80303	37.04 0.29 0.00	34.21 0.10 0.00	33.50 0.07 0.00	31.13 0.03 0.00	31.12 0.06 0.00	33.32 0.03 0.00	36.93 0.33 0.00	38.56 0.38 0.00	40.10 0.63 0.00	42.11 0.83 0.00	48.79 0.96 0.00	51.31 1.20 0.00	58.56 1.15 0.00	69.59 1.56 0.00	75.14 1.39 -0.46	74.72 1.22 -1.52	96.70 1.30 -2.49	94.10 1.43 -3.03	79.35 1.13 -2.73	76.48 1.11 -1.52	58.23 1.02 -0.55	48.00 1.03 -0.23	40.65 0.44 -0.29	36.58 0.11 0.00
HAMPSHIRE____PAPER_HYD 323593	36.09 -0.66 0.00	33.39 -0.72 0.00	32.76 -0.67 0.00	30.44 -0.65 0.00	30.43 -0.62 0.00	32.65 -0.63 0.00	36.01 -0.59 0.00	37.50 -0.69 0.00	38.63 -0.83 0.00	40.42 -0.87 0.00	46.12 -1.72 0.00	48.45 -1.65 0.00	55.40 -2.01 0.00	65.78 -2.24 0.00	70.87 -2.42 0.00	69.45 -2.52 0.00	90.86 -2.70 -0.64	86.68 -2.96 0.00	73.75 -1.73 0.00	72.22 -1.62 0.00	55.31 -1.36 0.00	45.20 -1.54 0.00	39.15 -0.84 -0.07	35.96 -0.51 0.00
HARDSCRABBLE_WT_PWR 323673	36.93 0.18 0.00	34.28 0.17 0.00	33.60 0.17 0.00	31.22 0.12 0.00	31.18 0.12 0.00	33.42 0.13 0.00	36.71 0.11 0.00	38.34 0.15 0.00	39.74 0.28 0.00	41.66 0.37 0.00	48.27 0.43 0.00	50.66 0.55 0.00	57.92 0.52 0.00	68.56 0.54 0.00	73.81 0.52 0.00	72.33 0.36 0.00	93.29 0.37 0.00	90.08 0.45 0.00	75.94 0.46 0.00	74.22 0.37 0.00	57.07 0.40 0.00	47.07 0.33 0.00	40.16 0.24 0.00	36.62 0.15 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.47 1.73 0.00	35.78 1.67 0.00	34.94 1.50 0.00	32.50 1.40 0.00	32.39 1.34 0.00	34.78 1.50 0.00	38.10 1.50 0.00	40.40 2.21 0.00	41.87 2.41 0.00	43.93 2.64 0.00	50.90 3.06 0.00	53.11 3.01 0.00	61.08 3.67 0.00	72.38 4.35 0.00	82.79 5.13 -4.37	91.78 5.40 -14.41	121.87 7.43 -21.52	126.05 7.26 -29.15	107.45 5.66 -26.30	93.70 5.17 -14.68	65.38 3.46 -5.26	51.96 2.99 -2.23	45.11 2.67 -2.52	38.55 2.08 0.00
HARSNRAD_115KV_TB1 81005	35.79 -0.96 0.00	32.37 -1.74 0.00	31.56 -1.87 0.00	29.29 -1.80 0.00	29.44 -1.61 0.00	31.35 -1.93 0.00	35.54 -1.06 0.00	36.46 -1.72 0.00	38.32 -1.14 0.00	40.38 -0.91 0.00	46.64 -1.20 0.00	49.31 -0.80 0.00	55.06 -2.35 0.00	65.44 -2.58 0.00	69.86 -4.10 -0.68	69.81 -4.39 -2.23	89.27 -7.06 -3.41	87.80 -6.27 -4.44	73.75 -5.74 -4.01	70.69 -5.39 -2.24	54.52 -2.95 -0.80	46.24 -0.84 -0.34	38.28 -2.04 -0.40	33.81 -2.66 0.00

HARZA MOOSE___RIVER 24016	37.37 0.62 0.00	34.58 0.48 0.00	33.90 0.47 0.00	31.47 0.37 0.00	31.49 0.43 0.00	33.78 0.50 0.00	37.26 0.66 0.00	38.87 0.69 0.00	40.33 0.87 0.00	42.15 0.87 0.00	47.98 0.14 0.00	50.51 0.40 0.00	57.58 0.17 0.00	68.43 0.41 0.00	73.58 0.29 0.00	72.26 0.29 0.00	95.87 2.04 -0.90	91.61 1.97 -0.01	77.60 2.11 0.00	75.91 2.07 0.00	58.20 1.53 0.00	47.77 1.03 0.00	40.74 0.72 -0.10	37.09 0.62 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	36.64 -0.11 0.00	33.87 -0.24 0.00	33.17 -0.27 0.00	30.82 -0.28 0.00	30.81 -0.25 0.00	33.02 -0.27 0.00	36.53 -0.07 0.00	38.14 -0.04 0.00	39.62 0.16 0.00	41.62 0.33 0.00	48.22 0.38 0.00	50.66 0.55 0.00	57.81 0.40 0.00	68.63 0.61 0.00	73.73 0.44 0.00	72.33 0.36 0.00	95.21 0.19 -2.11	90.01 0.36 -0.02	75.63 0.15 0.00	73.99 0.15 0.00	56.89 0.23 0.00	47.16 0.42 0.00	40.17 0.00 -0.25	36.18 -0.29 0.00
HELLGATE_13_KV_LD 55870	38.95 2.20 0.00	36.26 2.15 0.00	35.37 1.94 0.00	32.90 1.80 0.00	32.76 1.71 0.00	35.15 1.86 0.00	38.39 1.79 0.00	41.01 2.83 0.00	42.50 3.04 0.00	44.55 3.26 0.00	51.32 3.49 0.01	53.46 3.36 0.01	59.19 4.02 2.24	63.92 4.69 8.79	68.82 5.57 10.04	73.14 5.97 4.80	117.63 8.46 -16.26	121.36 8.16 -23.57	79.94 6.34 1.88	71.82 5.69 7.71	58.48 3.68 1.87	52.38 3.22 -2.41	45.73 3.07 -2.74	39.09 2.63 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	38.95 2.20 0.00	36.26 2.15 0.00	35.37 1.94 0.00	32.90 1.80 0.00	32.76 1.71 0.00	35.15 1.86 0.00	38.39 1.79 0.00	41.01 2.83 0.00	42.50 3.04 0.00	44.55 3.26 0.00	51.32 3.49 0.01	53.46 3.36 0.01	59.19 4.02 2.24	63.92 4.69 8.79	68.82 5.57 10.04	73.14 5.97 4.80	117.63 8.46 -16.26	121.36 8.16 -23.57	79.94 6.34 1.88	71.82 5.69 7.71	58.48 3.68 1.87	52.38 3.22 -2.41	45.73 3.07 -2.74	39.09 2.63 0.00
HEMPSTEAD____ 23647	42.81 2.72 -3.35	41.73 2.52 -5.10	41.39 2.31 -5.66	36.82 2.18 -3.54	34.57 2.11 -1.41	36.43 2.33 -0.82	39.13 2.52 -0.01	41.27 2.94 -0.15	42.90 3.43 0.00	45.13 3.84 0.00	51.47 3.63 0.00	53.76 3.66 0.00	61.94 4.53 0.00	73.26 5.24 0.00	84.72 6.67 -4.76	94.59 6.91 -15.71	125.95 9.57 -23.46	130.61 9.23 -31.74	110.98 6.87 -28.63	96.18 6.35 -15.98	66.98 4.59 -5.73	52.99 3.83 -2.42	46.42 3.75 -2.75	40.83 2.81 -1.56
HEWLETT__69_KV_BK3 55828	43.14 3.05 -3.35	42.14 2.93 -5.10	41.75 2.67 -5.64	37.16 2.52 -3.54	34.91 2.45 -1.41	36.80 2.70 -0.82	39.45 2.85 0.00	41.99 3.70 -0.11	43.29 3.83 0.00	44.75 3.47 0.00	52.14 4.31 0.00	54.57 4.46 0.00	62.86 5.45 0.00	74.21 6.19 0.00	85.82 7.77 -4.76	95.74 8.06 -15.71	127.34 10.96 -23.46	132.03 10.67 -31.73	112.26 8.15 -28.63	97.51 7.68 -15.98	67.88 5.50 -5.72	53.69 4.53 -2.42	46.93 4.27 -2.74	41.49 3.46 -1.56
HICKLING___1 23621	37.41 0.66 0.00	34.28 0.17 0.00	33.43 0.00 0.00	31.07 -0.03 0.00	31.12 0.06 0.00	33.28 0.00 0.00	37.22 0.62 0.00	38.79 0.61 0.00	40.49 1.03 0.00	42.61 1.32 0.00	49.37 1.53 0.00	52.06 1.95 0.00	58.90 1.49 0.00	70.06 2.04 0.00	76.10 1.61 -1.20	77.35 1.44 -3.94	98.78 0.28 -5.58	98.73 1.25 -7.84	83.61 1.06 -7.07	78.83 1.03 -3.95	59.44 1.36 -1.41	49.16 1.82 -0.60	40.93 0.36 -0.65	36.51 0.04 0.00
HICKLING___2 23622	37.41 0.66 0.00	34.28 0.17 0.00	33.43 0.00 0.00	31.07 -0.03 0.00	31.12 0.06 0.00	33.28 0.00 0.00	37.22 0.62 0.00	38.79 0.61 0.00	40.49 1.03 0.00	42.61 1.32 0.00	49.37 1.53 0.00	52.06 1.95 0.00	58.90 1.49 0.00	70.06 2.04 0.00	76.10 1.61 -1.20	77.35 1.44 -3.94	98.78 0.28 -5.58	98.73 1.25 -7.84	83.61 1.06 -7.07	78.83 1.03 -3.95	59.44 1.36 -1.41	49.16 1.82 -0.60	40.93 0.36 -0.65	36.51 0.04 0.00
HIGH FALLS___HY 23754	39.13 2.39 0.00	36.36 2.25 0.00	35.44 2.01 0.00	32.96 1.87 0.00	32.85 1.80 0.00	35.21 1.93 0.00	38.65 2.05 0.00	41.05 2.86 0.00	42.70 3.24 0.00	44.84 3.55 0.00	51.95 4.11 0.00	54.32 4.21 0.00	62.75 5.34 0.00	74.35 6.33 0.00	85.95 7.40 -5.26	97.01 7.70 -17.34	123.18 7.43 -22.83	131.52 7.08 -34.80	112.49 5.59 -31.42	96.48 5.10 -17.54	66.46 3.51 -6.28	52.30 2.90 -2.66	45.11 2.48 -2.72	38.40 1.93 0.00
HILLBURN___GT 23639	38.44 1.69 0.00	35.64 1.54 0.00	34.80 1.37 0.00	32.37 1.28 0.00	32.26 1.21 0.00	34.65 1.37 0.00	38.10 1.50 0.00	40.01 1.83 0.00	41.83 2.37 0.00	44.05 2.77 0.00	50.85 3.02 0.00	53.01 2.91 0.00	60.85 3.44 0.00	72.03 4.01 0.00	82.58 4.84 -4.46	91.76 5.11 -14.68	122.06 7.16 -21.99	126.24 6.90 -29.70	107.56 5.28 -26.80	93.54 4.73 -14.96	65.19 3.17 -5.36	51.81 2.80 -2.27	45.09 2.59 -2.58	38.29 1.82 0.00
HILLSIDE_115KV_TB1 80332	36.75 0.00 0.00	33.70 -0.41 0.00	32.90 -0.53 0.00	30.57 -0.53 0.00	30.62 -0.43 0.00	32.75 -0.53 0.00	36.56 -0.04 0.00	38.14 -0.04 0.00	39.74 0.28 0.00	41.78 0.50 0.00	48.41 0.57 0.00	51.01 0.90 0.00	57.75 0.34 0.00	68.63 0.61 0.00	74.68 0.15 -1.24	76.13 0.07 -4.09	97.20 -1.49 -5.77	97.32 -0.45 -8.14	82.45 -0.38 -7.34	77.58 -0.37 -4.10	58.36 0.23 -1.47	48.25 0.89 -0.62	40.23 -0.36 -0.67	35.92 -0.55 0.00
HISHELDN_WT_PWR 323625	36.01 -0.73 0.00	33.05 -1.06 0.00	32.23 -1.20 0.00	29.95 -1.15 0.00	30.03 -1.02 0.00	32.05 -1.23 0.00	35.76 -0.84 0.00	37.31 -0.88 0.00	39.19 -0.27 0.00	40.01 -1.28 0.00	47.65 -0.19 0.00	50.36 0.25 0.00	56.55 -0.86 0.00	67.21 -0.81 0.00	72.21 -1.91 -0.82	72.59 -2.09 -2.71	92.30 -4.64 -4.03	91.80 -3.22 -5.39	77.41 -2.95 -4.87	73.68 -2.88 -2.72	56.39 -1.25 -0.97	47.48 0.33 -0.41	39.74 -0.64 -0.46	36.25 -0.22 0.00
HOLTSVILLE_IC_1 23690	47.72 3.31 -7.66	42.37 3.10 -5.16	44.03 2.91 -7.69	37.45 2.80 -3.55	35.19 2.73 -1.41	37.06 2.96 -0.82	39.91 3.30 -0.02	46.58 3.59 -4.81	47.99 3.95 -4.58	58.21 4.25 -12.67	63.49 3.83 -11.82	102.07 3.86 -48.10	144.02 4.82 -81.79	307.32 5.58 -233.72	334.51 7.11 -254.11	291.55 7.34 -212.23	277.63 10.13 -174.59	297.81 9.86 -198.32	292.82 7.25 -210.09	258.62 7.16 -177.62	346.58 5.39 -284.52	136.98 4.39 -85.85	111.64 4.19 -67.53	48.19 3.32 -8.40
HOLTSVILLE_IC_10 23699	48.33 3.64 -7.94	42.68 3.41 -5.16	44.50 3.21 -7.85	37.73 3.08 -3.55	35.47 3.01 -1.41	37.36 3.26 -0.82	40.24 3.62 -0.02	47.38 4.01 -5.19	48.78 4.38 -4.93	59.64 4.70 -13.65	64.49 4.35 -12.30	106.37 4.46 -51.80	150.94 5.46 -88.08	326.03 6.33 -251.68	354.55 7.99 -273.27	319.93 8.20 -239.76	290.36 11.24 -186.20	324.11 10.93 -223.55	307.67 8.15 -224.03	249.74 7.91 -167.98	346.56 6.00 -283.89	121.80 4.86 -70.21	117.01 4.59 -72.50	48.93 3.68 -8.78
HOLTSVILLE_IC_2 23691	47.72 3.31 -7.66	42.37 3.10 -5.16	44.03 2.91 -7.69	37.45 2.80 -3.55	35.19 2.73 -1.41	37.06 2.96 -0.82	39.91 3.30 -0.02	46.58 3.59 -4.81	47.99 3.95 -4.58	58.21 4.25 -12.67	63.49 3.83 -11.82	102.07 3.86 -48.10	144.02 4.82 -81.79	307.32 5.58 -233.72	334.51 7.11 -254.11	291.55 7.34 -212.23	277.63 10.13 -174.59	297.81 9.86 -198.32	292.82 7.25 -210.09	258.62 7.16 -177.62	346.58 5.39 -284.52	136.98 4.39 -85.85	111.64 4.19 -67.53	48.19 3.32 -8.40

HOLTSVILLE_IC_3 23692	47.72 3.31 -7.66	42.37 3.10 -5.16	44.03 2.91 -7.69	37.45 2.80 -3.55	35.19 2.73 -1.41	37.06 2.96 -0.82	39.91 3.30 -0.02	46.58 3.59 -4.81	47.99 3.95 -4.58	58.21 4.25 -12.67	63.49 3.83 -11.82	102.07 3.86 -48.10	144.02 4.82 -81.79	307.32 5.58 -233.72	334.51 7.11 -254.11	291.55 7.34 -212.23	277.63 10.13 -174.59	297.81 9.86 -198.32	292.82 7.25 -210.09	258.62 7.16 -177.62	346.58 5.39 -284.52	136.98 4.39 -85.85	111.64 4.19 -67.53	48.19 3.32 -8.40
HOLTSVILLE_IC_4 23693	47.72 3.31 -7.66	42.37 3.10 -5.16	44.03 2.91 -7.69	37.45 2.80 -3.55	35.19 2.73 -1.41	37.06 2.96 -0.82	39.91 3.30 -0.02	46.58 3.59 -4.81	47.99 3.95 -4.58	58.21 4.25 -12.67	63.49 3.83 -11.82	102.07 3.86 -48.10	144.02 4.82 -81.79	307.32 5.58 -233.72	334.51 7.11 -254.11	291.55 7.34 -212.23	277.63 10.13 -174.59	297.81 9.86 -198.32	292.82 7.25 -210.09	258.62 7.16 -177.62	346.58 5.39 -284.52	136.98 4.39 -85.85	111.64 4.19 -67.53	48.19 3.32 -8.40
HOLTSVILLE_IC_5 23694	47.72 3.31 -7.66	42.37 3.10 -5.16	44.03 2.91 -7.69	37.45 2.80 -3.55	35.19 2.73 -1.41	37.06 2.96 -0.82	39.91 3.30 -0.02	46.58 3.59 -4.81	47.99 3.95 -4.58	58.21 4.25 -12.67	63.49 3.83 -11.82	102.07 3.86 -48.10	144.02 4.82 -81.79	307.32 5.58 -233.72	334.51 7.11 -254.11	291.55 7.34 -212.23	277.63 10.13 -174.59	297.81 9.86 -198.32	292.82 7.25 -210.09	258.62 7.16 -177.62	346.58 5.39 -284.52	136.98 4.39 -85.85	111.64 4.19 -67.53	48.19 3.32 -8.40
HOLTSVILLE_IC_6 23695	48.33 3.64 -7.94	42.68 3.41 -5.16	44.50 3.21 -7.85	37.73 3.08 -3.55	35.47 3.01 -1.41	37.36 3.26 -0.82	40.24 3.62 -0.02	47.38 4.01 -5.19	48.78 4.38 -4.93	59.64 4.70 -13.65	64.49 4.35 -12.30	106.37 4.46 -51.80	150.94 5.46 -88.08	326.03 6.33 -251.68	354.55 7.99 -273.27	319.93 8.20 -239.76	290.36 11.24 -186.20	324.11 10.93 -223.55	307.67 8.15 -224.03	249.74 7.91 -167.98	346.56 6.00 -283.89	121.80 4.86 -70.21	117.01 4.59 -72.50	48.93 3.68 -8.78
HOLTSVILLE_IC_7 23696	48.33 3.64 -7.94	42.68 3.41 -5.16	44.50 3.21 -7.85	37.73 3.08 -3.55	35.47 3.01 -1.41	37.36 3.26 -0.82	40.24 3.62 -0.02	47.38 4.01 -5.19	48.78 4.38 -4.93	59.64 4.70 -13.65	64.49 4.35 -12.30	106.37 4.46 -51.80	150.94 5.46 -88.08	326.03 6.33 -251.68	354.55 7.99 -273.27	319.93 8.20 -239.76	290.36 11.24 -186.20	324.11 10.93 -223.55	307.67 8.15 -224.03	249.74 7.91 -167.98	346.56 6.00 -283.89	121.80 4.86 -70.21	117.01 4.59 -72.50	48.93 3.68 -8.78
HOLTSVILLE_IC_8 23697	48.33 3.64 -7.94	42.68 3.41 -5.16	44.50 3.21 -7.85	37.73 3.08 -3.55	35.47 3.01 -1.41	37.36 3.26 -0.82	40.24 3.62 -0.02	47.38 4.01 -5.19	48.78 4.38 -4.93	59.64 4.70 -13.65	64.49 4.35 -12.30	106.37 4.46 -51.80	150.94 5.46 -88.08	326.03 6.33 -251.68	354.55 7.99 -273.27	319.93 8.20 -239.76	290.36 11.24 -186.20	324.11 10.93 -223.55	307.67 8.15 -224.03	249.74 7.91 -167.98	346.56 6.00 -283.89	121.80 4.86 -70.21	117.01 4.59 -72.50	48.93 3.68 -8.78
HOLTSVILLE_IC_9 23698	48.33 3.64 -7.94	42.68 3.41 -5.16	44.50 3.21 -7.85	37.73 3.08 -3.55	35.47 3.01 -1.41	37.36 3.26 -0.82	40.24 3.62 -0.02	47.38 4.01 -5.19	48.78 4.38 -4.93	59.64 4.70 -13.65	64.49 4.35 -12.30	106.37 4.46 -51.80	150.94 5.46 -88.08	326.03 6.33 -251.68	354.55 7.99 -273.27	319.93 8.20 -239.76	290.36 11.24 -186.20	324.11 10.93 -223.55	307.67 8.15 -224.03	249.74 7.91 -167.98	346.56 6.00 -283.89	121.80 4.86 -70.21	117.01 4.59 -72.50	48.93 3.68 -8.78
HOMER_HL_115KV_TB2 355744	36.45 -0.29 0.00	33.02 -1.09 0.00	32.13 -1.30 0.00	29.82 -1.28 0.00	29.97 -1.09 0.00	31.99 -1.30 0.00	36.12 -0.48 0.00	37.46 -0.73 0.00	39.35 -0.12 0.00	41.37 0.08 0.00	47.93 0.10 0.00	50.61 0.50 0.00	56.78 -0.63 0.00	67.48 -0.54 0.00	72.47 -1.69 -0.87	73.18 -1.66 -2.87	90.64 -6.50 -4.22	91.66 -3.67 -5.71	77.91 -2.72 -5.15	74.14 -2.58 -2.87	56.62 -1.08 -1.03	47.59 0.42 -0.44	38.22 -2.20 -0.49	35.01 -1.46 0.00
HOWARD_WT_PWR 323690	37.22 0.48 0.00	34.21 0.10 0.00	33.37 -0.07 0.00	31.01 -0.09 0.00	31.12 0.06 0.00	33.25 -0.03 0.00	37.07 0.47 0.00	38.76 0.57 0.00	40.73 1.26 0.00	41.94 0.66 0.00	49.56 1.72 0.00	52.16 2.06 0.00	58.90 1.49 0.00	70.06 2.04 0.00	75.59 1.32 -0.98	76.42 1.22 -3.23	97.41 -0.19 -4.68	97.41 1.35 -6.43	82.34 1.06 -5.80	78.04 0.96 -3.24	59.36 1.53 -1.16	49.52 2.29 -0.49	41.33 0.88 -0.53	37.53 1.06 0.00
HQ_GEN_CEDARS 23644	36.01 -0.73 0.00	33.43 -0.68 0.00	32.76 -0.67 0.00	30.54 -0.56 0.00	30.49 -0.56 0.00	32.65 -0.63 0.00	35.90 -0.70 0.00	37.07 -1.11 0.00	38.16 -1.30 0.00	38.93 -2.35 0.00	45.16 -2.68 0.00	47.30 -2.81 0.00	54.48 -2.93 0.00	64.55 -3.47 0.00	69.62 -3.66 0.00	68.23 -3.74 0.00	88.74 -4.18 0.00	84.61 -5.02 0.00	71.86 -3.62 0.00	70.45 -3.40 0.00	54.00 -2.66 0.00	44.07 -2.66 0.00	38.76 -1.16 0.00	35.89 -0.58 0.00
HQ_GEN_CEDARS_PROXY 323590	36.01 -0.73 0.00	33.43 -0.68 0.00	32.76 -0.67 0.00	30.54 -0.56 0.00	30.50 -0.56 0.00	32.65 -0.63 0.00	35.94 -0.66 0.00	37.31 -0.88 0.00	38.16 -1.30 0.00	39.96 -1.32 0.00	44.94 -2.68 0.22	47.52 -2.81 -0.22	54.48 -2.93 0.00	64.56 -3.47 0.00	69.63 -3.66 0.00	68.22 -3.75 0.00	88.74 -4.18 0.00	84.62 -5.02 0.00	71.86 -3.62 0.00	69.87 -3.40 0.58	54.59 -2.66 -0.58	44.08 -2.66 0.00	38.56 -1.36 0.00	35.67 -0.80 0.00
HQ_GEN_IMPORT 323601	36.27 -0.48 0.00	33.66 -0.44 0.00	33.03 -0.40 0.00	30.73 -0.37 0.00	30.68 -0.37 0.00	32.89 -0.40 0.00	36.34 -0.44 -0.18	37.39 -0.61 0.18	38.48 -0.99 0.00	40.29 -0.99 0.00	46.23 -1.39 0.22	48.87 -1.45 -0.22	55.92 -1.49 0.00	66.19 -1.83 0.00	71.38 -1.91 0.00	70.17 -1.80 0.00	90.60 -2.32 0.00	87.30 -2.33 0.00	73.67 -1.81 0.00	71.57 -1.70 0.58	55.89 -1.36 -0.58	45.34 -1.40 0.00	37.39 -1.04 1.49	37.34 -0.62 -1.49
HQ_GEN_WHEEL 23651	36.27 -0.48 0.00	33.66 -0.44 0.00	33.03 -0.40 0.00	30.73 -0.37 0.00	30.68 -0.37 0.00	32.89 -0.40 0.00	36.34 -0.44 -0.18	37.39 -0.61 0.18	38.48 -0.99 0.00	40.29 -0.99 0.00	46.23 -1.39 0.22	48.87 -1.45 -0.22	55.92 -1.49 0.00	66.19 -1.83 0.00	71.38 -1.91 0.00	70.17 -1.80 0.00	90.60 -2.32 0.00	87.30 -2.33 0.00	73.67 -1.81 0.00	71.57 -1.70 0.58	55.89 -1.36 -0.58	45.34 -1.40 0.00	37.39 -1.04 1.49	37.34 -0.62 -1.49
HUDSON_AVE_GT_3 23810	38.88 2.13 0.00	36.26 2.15 0.00	35.37 1.94 0.00	32.90 1.80 0.00	32.79 1.74 0.00	35.21 1.93 0.00	38.58 1.98 0.00	41.08 2.90 0.00	42.66 3.20 0.00	44.75 3.47 0.00	51.81 3.97 0.00	53.87 3.76 0.00	61.94 4.54 0.00	73.33 5.31 0.00	84.28 6.23 -4.76	94.20 6.55 -15.69	125.66 9.29 -23.45	130.31 8.96 -31.72	111.12 7.02 -28.62	96.17 6.35 -15.98	66.52 4.14 -5.72	52.76 3.60 -2.42	46.01 3.35 -2.74	39.09 2.63 0.00
HUDSON_AVE_GT_4 23540	38.88 2.13 0.00	36.26 2.15 0.00	35.37 1.94 0.00	32.90 1.80 0.00	32.79 1.74 0.00	35.21 1.93 0.00	38.58 1.98 0.00	41.08 2.90 0.00	42.66 3.20 0.00	44.75 3.47 0.00	51.81 3.97 0.00	53.87 3.76 0.00	61.94 4.54 0.00	73.33 5.31 0.00	84.28 6.23 -4.76	94.20 6.55 -15.69	125.66 9.29 -23.45	130.31 8.96 -31.72	111.12 7.02 -28.62	96.17 6.35 -15.98	66.52 4.14 -5.72	52.76 3.60 -2.42	46.01 3.35 -2.74	39.09 2.63 0.00

HUDSON AVE_GT_5 23657	38.88	36.26	35.37	32.90	32.79	35.21	38.58	41.08	42.66	44.75	51.81	53.87	61.94	73.33	84.28	94.20	125.66	130.31	111.12	96.17	66.52	52.76	46.01	39.09
	2.13	2.15	1.94	1.80	1.74	1.93	1.98	2.90	3.20	3.47	3.97	3.76	4.54	5.31	6.23	6.55	9.29	8.96	7.02	6.35	4.14	3.60	3.35	2.63
	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	-4.76	-15.69	-23.45	-31.72	-28.62	-15.98	-5.72	-2.42	-2.74	0.00
HUDSON_AVE_10 24168	38.73	36.15	35.27	32.81	32.70	35.11	38.50	41.01	42.58	44.67	51.66	53.72	61.71	73.06	83.99	93.99	125.38	130.14	110.89	95.95	66.35	52.57	45.93	39.02
	1.98	2.05	1.84	1.71	1.65	1.83	1.90	2.83	3.12	3.39	3.83	3.61	4.31	5.03	5.94	6.33	9.01	8.78	6.79	6.13	3.97	3.41	3.27	2.55
	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	-4.76	-15.69	-23.45	-31.72	-28.62	-15.98	-5.72	-2.42	-2.74	0.00
HUDSON___115KV_TB 4 355613	38.55	35.85	35.07	32.65	32.54	34.95	38.17	40.21	41.56	43.52	50.47	52.46	60.22	71.42	86.13	105.78	126.91	155.35	134.52	108.56	70.67	54.06	45.57	38.55
	1.80	1.74	1.64	1.55	1.49	1.66	1.57	2.02	2.09	2.23	2.63	2.36	2.81	3.40	3.66	3.60	4.83	4.84	4.00	3.99	3.00	2.66	2.24	2.08
	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	-9.17	-30.22	-29.16	-60.88	-55.04	-30.73	-11.00	-4.66	-3.41	0.00
HUNTER MOUNT___DRP 323613	39.02	36.26	35.47	33.03	32.92	35.31	38.58	40.63	41.91	43.89	50.90	52.86	60.68	71.97	85.72	103.41	126.51	150.42	130.01	106.37	70.16	54.14	45.85	38.95
	2.28	2.15	2.04	1.93	1.86	2.03	1.98	2.44	2.45	2.60	3.06	2.76	3.27	3.95	4.10	4.03	5.48	5.56	4.60	4.65	3.51	3.18	2.63	2.48
	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	-8.32	-27.41	-28.11	-55.23	-49.92	-27.87	-9.98	-4.23	-3.30	0.00
HUNTINGTON_RES_REC 323705	41.08	42.20	40.61	37.30	35.10	36.96	39.78	38.80	40.10	78.60	51.50	178.68	274.33	679.82	732.06	739.81	518.69	698.36	582.14	512.04	786.77	265.69	214.97	47.88
	3.16	3.03	2.94	2.67	2.64	2.86	3.18	3.70	4.07	4.42	3.68	3.76	4.71	5.44	7.11	7.41	10.22	9.95	7.25	6.94	5.16	4.16	4.23	3.03
	-1.18	-5.05	-4.24	-3.53	-1.41	-0.82	0.01	3.09	3.43	-32.90	0.02	-124.81	-212.21	-606.35	-651.67	-660.42	-415.55	-598.77	-499.41	-431.26	-724.95	-214.80	-170.82	-8.38
HUNTLEY___63 23557	36.23	32.74	31.93	29.64	29.75	31.69	35.94	36.92	38.79	40.91	47.31	49.96	55.63	66.19	70.70	70.70	90.13	88.80	74.68	71.45	55.12	46.81	38.66	34.24
	-0.51	-1.36	-1.50	-1.46	-1.30	-1.60	-0.66	-1.26	-0.67	-0.37	-0.53	-0.15	-1.78	-1.84	-3.30	-3.60	-6.32	-5.47	-4.98	-4.73	-2.38	-0.28	-1.68	-2.22
	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	-0.71	-2.33	-3.54	-4.64	-4.18	-2.33	-0.84	-0.35	-0.41	0.00
HUNTLEY___64 23558	36.23	32.74	31.93	29.64	29.75	31.69	35.94	36.92	38.79	40.91	47.31	49.96	55.63	66.19	70.70	70.70	90.13	88.80	74.68	71.45	55.12	46.81	38.66	34.24
	-0.51	-1.36	-1.50	-1.46	-1.30	-1.60	-0.66	-1.26	-0.67	-0.37	-0.53	-0.15	-1.78	-1.84	-3.30	-3.60	-6.32	-5.47	-4.98	-4.73	-2.38	-0.28	-1.68	-2.22
	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	-0.71	-2.33	-3.54	-4.64	-4.18	-2.33	-0.84	-0.35	-0.41	0.00
HUNTLEY___65 23559	36.23	32.74	31.93	29.64	29.75	31.69	35.94	36.92	38.79	40.91	47.31	49.96	55.63	66.19	70.70	70.70	90.13	88.80	74.68	71.45	55.12	46.81	38.66	34.24
	-0.51	-1.36	-1.50	-1.46	-1.30	-1.60	-0.66	-1.26	-0.67	-0.37	-0.53	-0.15	-1.78	-1.84	-3.30	-3.60	-6.32	-5.47	-4.98	-4.73	-2.38	-0.28	-1.68	-2.22
	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	-0.71	-2.33	-3.54	-4.64	-4.18	-2.33	-0.84	-0.35	-0.41	0.00
HUNTLEY___66 23560	36.23	32.74	31.93	29.64	29.75	31.69	35.94	36.92	38.79	40.91	47.31	49.96	55.63	66.19	70.70	70.70	90.13	88.80	74.68	71.45	55.12	46.81	38.66	34.24
	-0.51	-1.36	-1.50	-1.46	-1.30	-1.60	-0.66	-1.26	-0.67	-0.37	-0.53	-0.15	-1.78	-1.84	-3.30	-3.60	-6.32	-5.47	-4.98	-4.73	-2.38	-0.28	-1.68	-2.22
	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	-0.71	-2.33	-3.54	-4.64	-4.18	-2.33	-0.84	-0.35	-0.41	0.00
HUNTLEY___67 23561	36.12	32.67	31.86	29.57	29.69	31.65	35.87	36.85	38.68	40.75	47.12	49.81	55.69	66.19	70.79	70.90	90.39	89.18	75.01	71.73	55.20	46.73	38.58	34.21
	-0.62	-1.43	-1.57	-1.52	-1.37	-1.63	-0.73	-1.34	-0.79	-0.54	-0.72	-0.30	-1.72	-1.84	-3.22	-3.45	-6.13	-5.20	-4.76	-4.50	-2.32	-0.37	-1.76	-2.26
	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	-0.72	-2.38	-3.61	-4.75	-4.28	-2.39	-0.86	-0.36	-0.42	0.00
HUNTLEY___68 23562	36.12	32.67	31.86	29.57	29.69	31.65	35.87	36.85	38.68	40.75	47.12	49.81	55.69	66.19	70.79	70.90	90.39	89.18	75.01	71.73	55.20	46.73	38.58	34.21
	-0.62	-1.43	-1.57	-1.52	-1.37	-1.63	-0.73	-1.34	-0.79	-0.54	-0.72	-0.30	-1.72	-1.84	-3.22	-3.45	-6.13	-5.20	-4.76	-4.50	-2.32	-0.37	-1.76	-2.26
	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	-0.72	-2.38	-3.61	-4.75	-4.28	-2.39	-0.86	-0.36	-0.42	0.00
HYLAND___LFGE 323620	37.92	34.79	33.94	31.41	31.49	33.68	37.66	39.48	41.36	42.24	47.45	50.06	56.61	67.21	72.40	72.27	93.27	93.02	78.95	75.35	57.88	50.36	42.12	37.93
	1.18	0.68	0.50	0.31	0.43	0.40	1.06	1.30	1.89	0.95	-0.38	-0.05	-0.80	-0.81	-1.68	-2.31	-3.53	-1.79	-1.21	-1.11	0.28	3.22	1.75	1.46
	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	-0.79	-2.60	-3.88	-5.18	-4.67	-2.61	-0.93	-0.40	-0.44	0.00
INDECK___CORINTH 23802	39.25	36.36	35.54	33.06	32.95	35.45	38.94	40.74	42.54	44.55	51.90	54.52	62.63	74.49	94.64	128.41	130.99	197.85	173.04	130.70	79.32	58.31	46.62	38.95
	2.50	2.25	2.11	1.96	1.89	2.16	2.34	2.56	3.08	3.26	4.06	4.41	5.22	6.47	6.01	5.90	6.69	6.54	5.51	5.46	4.25	3.78	3.03	2.48
	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	-15.34	-50.53	-31.38	-101.68	-92.05	-51.39	-18.40	-7.79	-3.67	0.00
INDECK___ILION 23567	37.00	34.35	33.67	31.28	31.24	33.52	36.82	38.49	39.86	41.78	48.36	50.76	58.04	68.77	74.02	72.62	93.75	90.53	76.31	74.58	57.29	47.25	40.24	36.69
	0.26	0.24	0.23	0.19	0.19	0.23	0.22	0.31	0.39	0.50	0.53	0.65	0.63	0.75	0.73	0.65	0.84	0.90	0.83	0.74	0.62	0.51	0.32	0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDECK___OLEAN 23982	36.05	33.01	32.13	29.82	29.97	31.98	35.76	37.34	39.35	40.29	47.84	50.51	56.78	67.48	72.48	73.18	90.64	92.47	78.06	74.21	56.68	47.59	38.76	36.47
	-0.70	-1.09	-1.30	-1.28	-1.09	-1.30	-0.84	-0.84	-0.12	-0.99	0.00	0.40	-0.63	-0.55	-1.68	-1.65	-6.51	-2.87	-2.57	-2.51	-1.02	0.42	-1.64	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	-0.87	-2.87	-4.23	-5.70	-5.15	-2.87	-1.03	-0.44	-0.48	0.00

INDECK___OSWEGO 23783	36.31 -0.44 0.00	33.66 -0.44 0.00	33.00 -0.44 0.00	30.66 -0.44 0.00	30.62 -0.43 0.00	32.82 -0.47 0.00	36.20 -0.40 0.00	37.84 -0.34 0.00	39.35 -0.12 0.00	41.04 -0.25 0.00	47.79 -0.05 0.00	50.16 0.05 0.00	57.35 -0.06 0.00	68.02 0.00 0.00	73.07 -0.22 0.00	71.68 -0.29 0.00	94.14 -0.55 -1.77	89.20 -0.45 -0.01	75.11 -0.38 0.00	73.41 -0.44 0.00	56.44 -0.23 0.00	46.69 -0.05 0.00	39.96 -0.16 -0.20	36.18 -0.29 0.00
INDECK___YERKES 23781	35.68 -1.07 0.00	32.78 -1.33 0.00	31.96 -1.47 0.00	29.64 -1.46 0.00	29.78 -1.27 0.00	31.72 -1.56 0.00	35.46 -1.13 0.00	36.96 -1.22 0.00	38.83 -0.63 0.00	39.43 -1.86 0.00	47.21 -0.62 0.00	49.91 -0.20 0.00	55.63 -1.78 0.00	66.19 -1.83 0.00	70.63 -3.37 -0.71	70.70 -3.60 -2.33	90.04 -6.41 -3.54	88.80 -5.47 -4.64	74.91 -4.75 -4.18	71.53 -4.65 -2.33	55.07 -2.43 -0.84	46.86 -0.23 -0.35	39.36 -0.96 -0.40	35.92 -0.55 0.00
INDIAN POINT_GT_1 24139	38.51 1.76 0.00	35.88 1.77 0.00	35.04 1.60 0.00	32.59 1.49 0.00	32.48 1.43 0.00	34.88 1.60 0.00	38.21 1.61 0.00	40.59 2.41 0.00	42.11 2.64 0.00	44.13 2.85 0.00	51.19 3.35 0.00	53.31 3.21 0.00	61.26 3.85 0.00	72.51 4.49 0.00	83.33 5.35 -4.70	93.05 5.61 -15.47	123.84 7.80 -23.12	128.54 7.62 -31.28	109.60 5.89 -28.22	94.99 5.39 -15.76	65.93 3.63 -5.64	52.26 3.13 -2.39	45.45 2.83 -2.70	38.66 2.19 0.00
INDIAN POINT_GT_2 23659	38.51 1.76 0.00	35.88 1.77 0.00	35.04 1.60 0.00	32.59 1.49 0.00	32.48 1.43 0.00	34.88 1.60 0.00	38.21 1.61 0.00	40.59 2.41 0.00	42.11 2.64 0.00	44.13 2.85 0.00	51.19 3.35 0.00	53.31 3.21 0.00	61.26 3.85 0.00	72.51 4.49 0.00	83.33 5.35 -4.70	93.05 5.61 -15.47	123.84 7.80 -23.12	128.54 7.62 -31.28	109.60 5.89 -28.22	94.99 5.39 -15.76	65.93 3.63 -5.64	52.26 3.13 -2.39	45.45 2.83 -2.70	38.66 2.19 0.00
INDIAN POINT_GT_3 24019	38.51 1.76 0.00	35.88 1.77 0.00	35.04 1.60 0.00	32.59 1.49 0.00	32.48 1.43 0.00	34.88 1.60 0.00	38.21 1.61 0.00	40.59 2.41 0.00	42.11 2.64 0.00	44.13 2.85 0.00	51.19 3.35 0.00	53.31 3.21 0.00	61.26 3.85 0.00	72.51 4.49 0.00	83.33 5.35 -4.70	93.05 5.61 -15.47	123.84 7.80 -23.12	128.54 7.62 -31.28	109.60 5.89 -28.22	94.99 5.39 -15.76	65.93 3.63 -5.64	52.26 3.13 -2.39	45.45 2.83 -2.70	38.66 2.19 0.00
INDIAN POINT___2 23530	38.58 1.84 0.00	35.81 1.70 0.00	34.94 1.51 0.00	32.53 1.43 0.00	32.42 1.36 0.00	34.82 1.53 0.00	38.25 1.65 0.00	40.20 2.02 0.00	42.03 2.56 0.00	44.22 2.93 0.00	51.04 3.21 0.00	53.22 3.11 0.00	61.09 3.68 0.00	72.31 4.29 0.00	83.03 5.13 -4.61	92.55 5.40 -15.19	123.16 7.52 -22.72	127.60 7.26 -30.71	108.78 5.59 -27.71	94.41 5.09 -15.47	65.66 3.46 -5.54	52.08 2.99 -2.35	45.37 2.79 -2.66	38.44 1.97 0.00
INDIAN POINT___3 23531	38.44 1.69 0.00	35.81 1.71 0.00	34.97 1.54 0.00	32.53 1.43 0.00	32.42 1.37 0.00	34.81 1.53 0.00	38.14 1.54 0.00	40.51 2.33 0.00	42.03 2.57 0.00	44.05 2.77 0.00	50.99 3.16 0.00	53.16 3.06 0.00	61.08 3.67 0.00	72.31 4.29 0.00	83.12 5.13 -4.70	92.78 5.33 -15.48	123.49 7.43 -23.14	128.11 7.17 -31.31	109.31 5.59 -28.24	94.71 5.10 -15.77	65.77 3.46 -5.65	52.12 2.99 -2.39	45.34 2.71 -2.70	38.58 2.12 0.00
INGHAM_C_115KV_TB7 356103	36.89 0.15 0.00	34.21 0.10 0.00	33.57 0.13 0.00	31.19 0.09 0.00	31.12 0.06 0.00	33.38 0.10 0.00	36.67 0.07 0.00	38.33 0.15 0.00	39.70 0.24 0.00	41.62 0.33 0.00	48.22 0.38 0.00	50.56 0.45 0.00	57.81 0.40 0.00	68.43 0.41 0.00	73.73 0.44 0.00	72.26 0.29 0.00	93.20 0.28 0.00	89.99 0.36 0.00	75.86 0.38 0.00	74.22 0.37 0.00	57.01 0.34 0.00	47.02 0.28 0.00	40.08 0.16 0.00	36.58 0.11 0.00
IP CORINTH___1 23988	39.39 2.65 0.00	36.53 2.42 0.00	35.74 2.31 0.00	33.24 2.15 0.00	33.13 2.08 0.00	35.61 2.33 0.00	39.09 2.49 0.00	41.16 2.98 0.00	42.74 3.28 0.00	44.75 3.47 0.00	52.19 4.35 0.00	54.77 4.66 0.00	62.92 5.51 0.00	74.82 6.80 0.00	95.08 6.45 -15.34	128.76 6.26 -50.53	131.55 7.25 -31.39	198.31 6.99 -101.68	173.42 5.89 -92.05	131.07 5.83 -51.39	79.66 4.59 -18.40	58.55 4.02 -7.79	46.78 3.19 -3.66	39.13 2.66 0.00
IP___TICONDEROGA 23804	42.59 5.84 0.00	39.29 5.18 0.00	38.28 4.85 0.00	35.58 4.48 0.00	35.40 4.35 0.00	38.18 4.89 0.00	42.05 5.45 0.00	44.25 6.07 0.00	46.29 6.83 0.00	48.43 7.14 0.00	56.88 9.04 0.00	59.98 9.87 0.00	68.78 11.37 0.00	82.10 14.08 0.00	102.37 13.85 -15.23	135.68 13.53 -50.18	140.42 16.17 -31.34	206.11 15.51 -100.97	180.03 13.13 -91.41	137.95 13.07 -51.03	85.48 10.54 -18.27	63.17 8.69 -7.74	50.24 6.67 -3.66	42.08 5.62 0.00
ISLIP_RES_REC 323679	48.58 3.97 -7.87	42.95 3.68 -5.16	44.57 3.48 -7.66	37.94 3.29 -3.55	35.72 3.26 -1.41	37.63 3.53 -0.82	40.54 3.92 -0.02	47.24 4.31 -4.74	48.69 4.73 -4.49	58.83 5.12 -12.43	66.62 4.83 -13.96	102.24 4.96 -47.17	143.69 6.08 -80.20	304.33 7.14 -229.16	331.40 8.86 -249.25	300.30 9.14 -219.20	276.92 12.36 -171.64	307.52 12.01 -205.87	291.01 8.98 -206.55	240.57 8.71 -158.02	325.88 6.57 -262.64	119.84 5.33 -67.78	111.17 4.99 -66.26	49.55 3.98 -9.11
JAMAICA___27_KV_LOAD 355505	38.95 2.20 0.00	36.39 2.29 0.00	35.47 2.04 0.00	33.00 1.90 0.00	32.85 1.80 0.00	35.38 2.10 0.00	38.83 2.23 0.00	41.43 3.25 0.00	43.06 3.59 0.00	45.21 3.92 0.00	52.09 4.26 0.00	54.07 3.96 0.00	62.17 4.76 0.00	73.53 5.51 0.00	84.50 6.45 -4.76	94.56 6.91 -15.69	126.49 10.13 -23.45	131.21 9.86 -31.72	111.80 7.70 -28.62	96.76 6.94 -15.98	66.75 4.36 -5.72	52.85 3.69 -2.42	46.41 3.75 -2.74	39.35 2.88 0.00
JANIS___SOLAR 323808	38.84 2.09 0.00	35.88 1.77 0.00	35.14 1.70 0.00	32.56 1.46 0.00	32.61 1.55 0.00	34.95 1.66 0.00	38.80 2.20 0.00	40.51 2.33 0.00	42.11 2.64 0.00	43.80 2.52 0.00	50.99 3.16 0.00	53.82 3.71 0.00	61.20 3.79 0.00	72.85 4.83 0.00	79.79 4.91 -1.59	82.16 4.96 -5.23	105.31 6.04 -6.36	106.59 6.90 -10.05	90.82 6.26 -9.08	85.04 6.13 -5.07	63.29 4.81 -1.81	51.43 3.93 -0.77	43.30 2.72 -0.67	38.80 2.34 0.00
JARVIS____ 23743	36.93 0.18 0.00	34.28 0.17 0.00	33.60 0.17 0.00	31.25 0.16 0.00	31.21 0.16 0.00	33.45 0.17 0.00	36.78 0.18 0.00	38.37 0.19 0.00	39.74 0.28 0.00	41.61 0.33 0.00	48.22 0.38 0.00	50.56 0.45 0.00	57.87 0.46 0.00	68.56 0.54 0.00	73.81 0.52 0.00	72.48 0.51 0.00	93.66 0.74 0.00	90.35 0.71 0.00	76.08 0.60 0.00	74.43 0.59 0.00	57.12 0.45 0.00	47.11 0.37 0.00	40.20 0.28 0.00	36.65 0.18 0.00
JENNISON___1 23625	39.17 2.43 0.00	36.09 1.98 0.00	35.41 1.97 0.00	32.81 1.71 0.00	32.85 1.80 0.00	35.21 1.93 0.00	39.05 2.45 0.00	40.89 2.71 0.00	42.27 2.80 0.00	44.38 3.10 0.00	51.38 3.54 0.00	54.27 4.16 0.00	61.66 4.25 0.00	73.40 5.37 0.00	81.24 5.57 -2.38	85.35 5.54 -7.84	108.01 6.60 -8.49	111.76 7.35 -14.78	95.48 6.64 -13.35	87.80 6.50 -7.45	64.43 5.10 -2.67	52.03 4.16 -1.13	43.59 2.67 -0.99	38.66 2.19 0.00

JENNISON____2 23626	39.17 2.43 0.00	36.09 1.98 0.00	35.41 1.97 0.00	32.81 1.71 0.00	32.85 1.80 0.00	35.21 1.93 0.00	39.05 2.45 0.00	40.89 2.71 0.00	42.27 2.80 0.00	44.38 3.10 0.00	51.38 3.54 0.00	54.27 4.16 0.00	61.66 4.25 0.00	73.40 5.37 0.00	81.24 5.57 -2.38	85.35 5.54 -7.84	108.01 6.60 -8.49	111.76 7.35 -14.78	95.48 6.64 -13.35	87.80 6.50 -7.45	64.43 5.10 -2.67	52.03 4.16 -1.13	43.59 2.67 -0.99	38.66 2.19 0.00
JERICHO_RISE_WT_PWR 323719	36.16 -0.59 0.00	33.63 -0.48 0.00	33.00 -0.44 0.00	30.73 -0.37 0.00	30.71 -0.34 0.00	32.89 -0.40 0.00	36.27 -0.33 0.00	37.61 -0.57 0.00	38.44 -1.03 0.00	40.29 -0.99 0.00	46.35 -1.48 0.00	48.50 -1.61 0.00	55.80 -1.61 0.00	66.05 -1.97 0.00	71.24 -2.05 0.00	69.74 -2.23 0.00	89.85 -3.06 0.00	86.49 -3.14 0.00	73.45 -2.03 0.00	71.93 -1.92 0.00	55.08 -1.59 0.00	44.96 -1.78 0.00	38.56 -1.36 0.00	35.59 -0.88 0.00
KATONAH__115KV_46KV_TB4 355592	38.99 2.24 0.00	36.29 2.18 0.00	35.41 1.97 0.00	33.00 1.90 0.00	32.82 1.77 0.00	35.28 2.00 0.00	38.72 2.12 0.00	41.16 2.98 0.00	42.74 3.28 0.00	44.84 3.55 0.00	52.14 4.31 0.00	54.32 4.21 0.00	62.52 5.11 0.00	74.08 6.05 0.00	85.12 6.96 -4.87	94.98 6.98 -16.03	126.48 9.66 -23.90	131.53 9.50 -32.40	112.26 7.55 -29.23	97.03 6.87 -16.32	67.21 4.70 -5.84	53.19 3.97 -2.47	46.06 3.35 -2.78	39.09 2.63 0.00
KCE_NY_1 323755	39.32 2.57 0.00	36.46 2.35 0.00	35.67 2.24 0.00	33.21 2.12 0.00	33.10 2.05 0.00	35.55 2.26 0.00	39.01 2.41 0.00	40.81 2.63 0.00	42.50 3.04 0.00	44.55 3.26 0.00	51.76 3.92 0.00	54.22 4.11 0.00	62.29 4.88 0.00	73.87 5.85 0.00	94.49 6.08 -15.12	127.74 5.97 -49.81	131.62 7.44 -31.27	197.11 7.26 -100.22	172.32 6.11 -90.72	130.48 5.98 -50.65	79.45 4.65 -18.13	58.34 3.93 -7.68	46.77 3.19 -3.65	39.06 2.59 0.00
KCE_NY_6_ESR 323823	36.09 -0.66 0.00	33.12 -0.99 0.00	32.26 -1.17 0.00	29.95 -1.15 0.00	30.09 -0.96 0.00	32.05 -1.23 0.00	35.83 -0.77 0.00	37.34 -0.84 0.00	39.27 -0.20 0.00	39.96 -1.32 0.00	47.79 -0.05 0.00	50.46 0.35 0.00	56.55 -0.86 0.00	67.28 -0.75 0.00	72.00 -2.05 -0.76	72.24 -2.23 -2.51	91.48 -5.20 -3.77	90.95 -3.68 -4.99	76.74 -3.24 -4.50	73.19 -3.17 -2.51	56.15 -1.41 -0.90	47.45 0.33 -0.38	39.55 -0.80 -0.43	36.29 -0.18 0.00
KEDC_PORT_JEFF_GT2 24210	48.30 3.42 -8.14	42.55 3.27 -5.17	44.63 3.07 -8.12	37.57 2.92 -3.55	35.32 2.86 -1.41	37.20 3.10 -0.82	40.06 3.44 -0.02	47.79 3.82 -5.79	49.17 4.18 -5.53	60.99 4.42 -15.29	62.36 3.68 -10.84	111.89 3.76 -58.02	160.60 4.53 -98.65	355.16 5.24 -281.90	385.62 6.82 -305.51	352.26 7.13 -273.16	308.41 9.75 -205.74	352.21 9.50 -253.08	329.92 6.94 -247.50	286.60 6.79 -205.97	398.73 5.04 -337.03	148.97 4.16 -98.08	124.87 4.07 -80.88	48.38 3.32 -8.59
KEDC_PORT_JEFF_GT3 24211	48.30 3.42 -8.14	42.55 3.27 -5.17	44.63 3.07 -8.12	37.57 2.92 -3.55	35.32 2.86 -1.41	37.20 3.10 -0.82	40.06 3.44 -0.02	47.79 3.82 -5.79	49.17 4.18 -5.53	60.99 4.42 -15.29	62.36 3.68 -10.84	111.89 3.76 -58.02	160.60 4.53 -98.65	355.16 5.24 -281.90	385.62 6.82 -305.51	352.26 7.13 -273.16	308.41 9.75 -205.74	352.21 9.50 -253.08	329.92 6.94 -247.50	286.60 6.79 -205.97	398.73 5.04 -337.03	148.97 4.16 -98.08	124.87 4.07 -80.88	48.38 3.32 -8.59
KEDC_GLWD_GT4 24219	42.85 2.76 -3.35	41.73 2.52 -5.10	41.39 2.31 -5.66	36.82 2.18 -3.54	34.54 2.08 -1.41	36.43 2.33 -0.82	39.13 2.52 -0.01	41.31 2.98 -0.15	43.02 3.55 0.00	45.29 4.00 0.00	51.71 3.87 0.00	53.97 3.86 0.00	62.12 4.71 0.00	73.47 5.44 0.00	84.79 6.74 -4.76	94.65 6.98 -15.71	125.95 9.57 -23.46	130.61 9.23 -31.74	111.05 6.94 -28.63	96.25 6.42 -15.98	66.93 4.53 -5.73	52.99 3.83 -2.42	46.26 3.59 -2.75	40.87 2.85 -1.56
KEDC_GLWD_GT5 24220	42.85 2.76 -3.35	41.73 2.52 -5.10	41.39 2.31 -5.66	36.82 2.18 -3.54	34.54 2.08 -1.41	36.43 2.33 -0.82	39.13 2.52 -0.01	41.31 2.98 -0.15	43.02 3.55 0.00	45.29 4.00 0.00	51.71 3.87 0.00	53.97 3.86 0.00	62.12 4.71 0.00	73.47 5.44 0.00	84.79 6.74 -4.76	94.65 6.98 -15.71	125.95 9.57 -23.46	130.61 9.23 -31.74	111.05 6.94 -28.63	96.25 6.42 -15.98	66.93 4.53 -5.73	52.99 3.83 -2.42	46.26 3.59 -2.75	40.87 2.85 -1.56
KENSICO____ 23655	38.66 1.91 0.00	36.02 1.91 0.00	35.14 1.71 0.00	32.72 1.62 0.00	32.61 1.55 0.00	35.01 1.73 0.00	38.36 1.76 0.00	40.78 2.60 0.00	42.31 2.84 0.00	44.34 3.06 0.00	51.38 3.54 0.00	53.51 3.41 0.00	61.49 4.08 0.00	72.78 4.76 0.00	83.68 5.64 -4.75	93.51 5.90 -15.64	124.47 8.18 -23.38	129.24 7.98 -31.63	110.21 6.19 -28.54	95.46 5.69 -15.93	66.17 3.80 -5.70	52.47 3.32 -2.42	45.64 2.99 -2.73	38.84 2.37 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.02 2.28 0.00	36.29 2.18 0.00	35.37 1.94 0.00	32.90 1.80 0.00	32.79 1.74 0.00	35.15 1.86 0.00	38.61 2.01 0.00	40.93 2.75 0.00	42.70 3.24 0.00	44.79 3.51 0.00	51.90 4.07 0.00	54.27 4.16 0.00	62.58 5.17 0.00	74.14 6.12 0.00	85.24 7.18 -4.77	95.15 7.48 -15.70	121.79 7.53 -21.35	128.08 7.08 -31.37	109.38 5.59 -28.31	94.75 5.10 -15.81	65.89 3.57 -5.66	52.08 2.94 -2.40	45.01 2.55 -2.54	38.44 1.97 0.00
KIAC_JFK_GT1 23816	38.62 1.87 0.00	36.19 2.08 0.00	35.27 1.84 0.00	32.81 1.71 0.00	32.70 1.65 0.00	35.18 1.90 0.00	38.61 2.01 0.00	41.08 2.90 0.00	42.70 3.24 0.00	44.84 3.55 0.00	51.57 3.73 0.00	53.51 3.41 0.00	61.54 4.13 0.00	72.85 4.83 0.00	83.77 5.72 -4.76	93.84 6.19 -15.69	125.56 9.20 -23.45	130.22 8.87 -31.72	110.97 6.87 -28.62	95.95 6.13 -15.98	66.13 3.74 -5.72	52.39 3.22 -2.42	46.01 3.35 -2.74	39.13 2.66 0.00
KIAC_JFK_GT2 23817	38.62 1.87 0.00	36.19 2.08 0.00	35.27 1.84 0.00	32.81 1.71 0.00	32.70 1.65 0.00	35.18 1.90 0.00	38.61 2.01 0.00	41.08 2.90 0.00	42.70 3.24 0.00	44.84 3.55 0.00	51.57 3.73 0.00	53.51 3.41 0.00	61.54 4.13 0.00	72.85 4.83 0.00	83.77 5.72 -4.76	93.84 6.19 -15.69	125.56 9.20 -23.45	130.22 8.87 -31.72	110.97 6.87 -28.62	95.95 6.13 -15.98	66.13 3.74 -5.72	52.39 3.22 -2.42	46.01 3.35 -2.74	39.13 2.66 0.00
KIAC_JFK____ 323774	39.03 2.28 0.00	36.19 2.08 0.00	35.27 1.84 0.00	32.81 1.71 0.00	32.70 1.64 0.00	35.18 1.90 0.00	38.76 2.16 0.00	40.66 2.48 0.00	42.70 3.24 0.00	45.00 3.72 0.00	51.67 3.83 0.00	53.56 3.45 0.00	61.54 4.14 0.00	72.85 4.83 0.00	83.77 5.72 -4.76	93.84 6.19 -15.69	125.57 9.20 -23.45	130.23 8.88 -31.72	110.90 6.80 -28.62	95.95 6.13 -15.98	66.12 3.74 -5.72	52.38 3.22 -2.42	46.06 3.39 -2.75	38.73 2.26 0.00
KINTIGH____ 23543	35.97 -0.77 0.00	32.64 -1.47 0.00	31.86 -1.57 0.00	29.61 -1.49 0.00	29.69 -1.37 0.00	31.69 -1.60 0.00	35.76 -0.84 0.00	36.85 -1.34 0.00	38.56 -0.91 0.00	40.63 -0.66 0.00	46.93 -0.91 0.00	49.66 -0.45 0.00	55.69 -1.72 0.00	66.25 -1.77 0.00	70.89 -3.00 -0.61	70.73 -3.24 -2.00	91.29 -4.74 -3.11	89.04 -4.57 -3.98	74.69 -4.38 -3.59	71.71 -4.14 -2.00	55.17 -2.21 -0.72	46.48 -0.56 -0.30	38.97 -1.32 -0.36	34.28 -2.19 0.00

KNTFSRNC_46_KV_46KV_LOAD 80397	36.56 -0.18 0.00	34.07 -0.03 0.00	33.43 0.00 0.00	31.16 0.06 0.00	31.15 0.09 0.00	33.32 0.03 0.00	36.56 -0.04 0.00	37.80 -0.38 0.00	38.91 -0.55 0.00	40.50 -0.78 0.00	46.98 -0.86 0.00	49.16 -0.95 0.00	56.61 -0.80 0.00	66.93 -1.09 0.00	72.19 -1.10 0.00	70.46 -1.51 0.00	90.59 -2.32 0.00	87.30 -2.33 0.00	74.43 -1.06 0.00	72.96 -0.89 0.00	55.87 -0.79 0.00	45.52 -1.22 0.00	39.12 -0.80 0.00	36.40 -0.07 0.00
LACHUTE___HYDRO 323717	42.59 5.84 0.00	39.29 5.18 0.00	38.28 4.85 0.00	35.58 4.48 0.00	35.40 4.35 0.00	38.18 4.89 0.00	42.09 5.49 0.00	44.06 5.88 0.00	46.29 6.83 0.00	48.34 7.06 0.00	56.88 9.04 0.00	59.98 9.87 0.00	68.78 11.37 0.00	82.10 14.08 0.00	102.38 13.86 -15.23	135.68 13.53 -50.18	140.41 16.17 -31.33	206.20 15.59 -100.97	180.18 13.29 -91.41	137.95 13.07 -51.03	85.48 10.54 -18.27	63.17 8.69 -7.74	50.37 6.79 -3.66	42.19 5.73 0.00
LAWRNCV_115KV_TB1 80681	35.42 -1.32 0.00	32.85 -1.26 0.00	32.23 -1.20 0.00	30.01 -1.09 0.00	30.00 -1.06 0.00	32.12 -1.16 0.00	35.36 -1.24 0.00	36.54 -1.64 0.00	37.61 -1.85 0.00	38.48 -2.81 0.00	44.58 -3.25 0.00	46.75 -3.36 0.00	53.79 -3.62 0.00	63.81 -4.22 0.00	68.82 -4.47 0.00	67.36 -4.61 0.00	87.53 -5.39 0.00	83.63 -6.01 0.00	71.18 -4.30 0.00	69.78 -4.06 0.00	53.44 -3.23 0.00	43.51 -3.22 0.00	38.32 -1.60 0.00	35.56 -0.91 0.00
LEDERLE___ 23769	38.55 1.80 0.00	35.88 1.77 0.00	35.00 1.57 0.00	32.56 1.46 0.00	32.45 1.40 0.00	34.85 1.56 0.00	38.21 1.61 0.00	40.55 2.37 0.00	42.07 2.60 0.00	44.09 2.81 0.00	51.09 3.25 0.00	53.26 3.16 0.00	61.26 3.85 0.00	72.51 4.49 0.00	83.16 5.35 -4.52	92.48 5.61 -14.90	122.98 7.80 -22.26	127.30 7.53 -30.13	108.56 5.89 -27.19	94.34 5.32 -15.18	65.73 3.63 -5.43	52.17 3.13 -2.30	45.32 2.79 -2.60	38.66 2.19 0.00
LIGHTHSE_115KV_TB6 355974	36.82 0.07 0.00	34.00 -0.10 0.00	33.33 -0.10 0.00	30.94 -0.16 0.00	30.96 -0.09 0.00	33.18 -0.10 0.00	36.75 0.15 0.00	38.33 0.15 0.00	39.82 0.36 0.00	41.78 0.50 0.00	48.32 0.48 0.00	50.81 0.70 0.00	57.93 0.52 0.00	68.84 0.82 0.00	73.80 0.51 0.00	72.33 0.36 0.00	94.94 0.37 -1.65	90.18 0.54 -0.01	76.09 0.60 0.00	74.44 0.59 0.00	57.18 0.51 0.00	47.21 0.47 0.00	40.27 0.16 -0.19	36.40 -0.07 0.00
LINDEN COGEN___ 23786	37.36 1.95 1.33	35.95 1.84 0.00	35.07 1.64 0.00	32.62 1.52 0.00	32.51 1.46 0.00	34.91 1.63 0.00	36.92 1.76 1.44	37.35 2.14 2.97	37.43 2.76 4.80	38.04 3.22 6.47	39.75 3.49 11.58	39.86 3.31 13.56	40.22 3.91 21.10	41.32 4.63 31.33	42.63 5.50 36.16	42.50 5.90 35.37	80.78 8.37 20.50	84.91 8.07 12.79	45.59 6.11 36.01	42.13 5.54 37.26	40.14 3.57 20.10	40.27 3.08 9.55	40.10 3.00 2.81	37.56 2.08 0.99
LINDHRST_69_KV_BK1 356055	44.51 3.34 -4.42	42.42 3.21 -5.11	42.27 2.98 -5.86	37.47 2.83 -3.54	35.23 2.76 -1.41	37.13 3.03 -0.82	39.86 3.26 0.00	42.71 4.09 -0.44	44.01 4.14 -0.41	46.00 3.59 -1.12	58.94 4.31 -6.79	58.73 4.36 -4.26	70.16 5.51 -7.24	95.11 6.39 -20.69	108.26 8.14 -26.84	103.99 8.42 -23.60	135.65 11.43 -31.30	144.77 11.11 -44.02	128.63 8.45 -44.69	106.34 8.12 -24.37	93.02 5.95 -30.41	61.36 4.81 -9.81	52.83 4.43 -8.47	44.54 3.87 -4.21
LIPA_MISC_IPP 23656	47.95 3.49 -7.72	42.64 3.38 -5.16	44.33 3.18 -7.72	37.66 3.02 -3.55	35.44 2.98 -1.41	37.33 3.23 -0.82	40.12 3.51 -0.01	45.56 4.39 -2.98	48.45 4.34 -4.65	57.78 3.63 -12.86	64.01 4.26 -11.92	103.21 4.31 -48.80	145.78 5.40 -82.97	311.36 6.26 -237.08	338.76 7.77 -257.70	218.60 7.99 -138.64	218.82 10.87 -115.03	303.04 10.49 -202.92	296.34 8.15 -212.70	242.70 8.05 -160.80	398.20 6.12 -335.41	185.67 5.00 -133.93	112.92 4.55 -68.45	48.92 3.98 -8.47
LISF___SOLAR 323691	48.22 3.71 -7.77	42.71 3.44 -5.16	44.46 3.28 -7.75	37.73 3.08 -3.55	35.51 3.05 -1.41	37.40 3.30 -0.82	40.28 3.66 -0.02	47.14 4.01 -4.95	48.60 4.42 -4.71	59.07 4.75 -13.04	64.23 4.40 -11.99	104.10 4.51 -49.49	147.18 5.63 -84.14	315.05 6.60 -240.43	342.62 8.06 -261.27	302.59 8.27 -222.35	283.18 11.33 -178.93	308.24 11.02 -207.58	299.16 8.38 -215.30	335.11 8.27 -252.99	426.22 6.29 -363.26	210.86 5.14 -158.98	114.09 4.79 -69.39	48.83 3.83 -8.54
LITTLE FALLS___HYD 24013	36.89 0.15 0.00	34.21 0.10 0.00	33.57 0.13 0.00	31.19 0.09 0.00	31.12 0.06 0.00	33.38 0.10 0.00	36.67 0.07 0.00	38.33 0.15 0.00	39.70 0.24 0.00	41.62 0.33 0.00	48.22 0.38 0.00	50.56 0.45 0.00	57.81 0.40 0.00	68.43 0.41 0.00	73.73 0.44 0.00	72.26 0.29 0.00	93.20 0.28 0.00	89.99 0.36 0.00	75.86 0.38 0.00	74.22 0.37 0.00	57.01 0.34 0.00	47.02 0.28 0.00	40.08 0.16 0.00	36.58 0.11 0.00
LITTLRIV_115KV_TB1 356100	35.75 -0.99 0.00	33.15 -0.96 0.00	32.53 -0.90 0.00	30.26 -0.84 0.00	30.28 -0.78 0.00	32.42 -0.87 0.00	35.68 -0.91 0.00	36.88 -1.30 0.00	38.00 -1.46 0.00	38.93 -2.35 0.00	45.11 -2.73 0.00	47.40 -2.71 0.00	54.48 -2.93 0.00	64.62 -3.40 0.00	69.70 -3.59 0.00	68.30 -3.67 0.00	88.55 -4.37 0.00	84.70 -4.93 0.00	72.24 -3.25 0.00	70.74 -3.10 0.00	54.17 -2.49 0.00	44.03 -2.71 0.00	38.68 -1.24 0.00	35.89 -0.58 0.00
LI_NEWBRDGE___DRP 323616	42.52 2.43 -3.35	41.60 2.39 -5.10	41.27 2.21 -5.63	36.72 2.08 -3.54	34.51 2.05 -1.41	36.33 2.23 -0.82	38.94 2.34 0.00	41.44 3.17 -0.09	42.74 3.28 0.00	44.01 2.72 0.00	51.09 3.25 0.00	53.36 3.26 0.00	61.54 4.13 0.00	72.72 4.69 0.00	84.21 6.16 -4.76	94.08 6.41 -15.71	125.29 8.92 -23.46	129.97 8.60 -31.73	110.60 6.49 -28.63	95.96 6.13 -15.98	66.81 4.42 -5.72	52.76 3.60 -2.42	46.21 3.55 -2.74	40.91 2.88 -1.56
LOCKPORT_115KV_TB60_63_64 80432	35.94 -0.81 0.00	32.47 -1.64 0.00	31.66 -1.77 0.00	29.42 -1.68 0.00	29.53 -1.52 0.00	31.45 -1.83 0.00	35.68 -0.91 0.00	36.62 -1.57 0.00	38.48 -0.99 0.00	40.54 -0.74 0.00	46.83 -1.00 0.00	49.56 -0.55 0.00	55.34 -2.07 0.00	65.78 -2.24 0.00	70.22 -3.74 -0.67	70.15 -4.03 -2.21	89.61 -6.69 -3.39	88.12 -5.92 -4.40	74.10 -5.36 -3.97	70.97 -5.10 -2.22	54.80 -2.66 -0.79	46.42 -0.65 -0.34	38.40 -1.92 -0.40	33.95 -2.52 0.00
LOCKPORT___CC1 323769	35.20 -1.54 0.00	32.37 -1.74 0.00	31.56 -1.87 0.00	29.29 -1.80 0.00	29.41 -1.65 0.00	31.35 -1.93 0.00	35.03 -1.57 0.00	36.50 -1.68 0.00	38.32 -1.15 0.00	38.89 -2.40 0.00	46.50 -1.34 0.00	49.21 -0.90 0.00	55.05 -2.36 0.00	65.44 -2.58 0.00	69.86 -4.10 -0.68	69.88 -4.32 -2.23	89.27 -7.07 -3.41	87.80 -6.28 -4.44	73.98 -5.51 -4.01	70.70 -5.39 -2.24	54.52 -2.95 -0.80	46.24 -0.84 -0.34	38.91 -1.40 -0.39	35.67 -0.80 0.00
LOCKPORT___CC2 323770	35.20 -1.54 0.00	32.37 -1.74 0.00	31.56 -1.87 0.00	29.29 -1.80 0.00	29.41 -1.65 0.00	31.35 -1.93 0.00	35.03 -1.57 0.00	36.50 -1.68 0.00	38.32 -1.15 0.00	38.89 -2.40 0.00	46.50 -1.34 0.00	49.21 -0.90 0.00	55.05 -2.36 0.00	65.44 -2.58 0.00	69.86 -4.10 -0.68	69.88 -4.32 -2.23	89.27 -7.07 -3.41	87.80 -6.28 -4.44	73.98 -5.51 -4.01	70.70 -5.39 -2.24	54.52 -2.95 -0.80	46.24 -0.84 -0.34	38.91 -1.40 -0.39	35.67 -0.80 0.00

LOCKPORT__CC3 323771	35.20 -1.54 0.00	32.37 -1.74 0.00	31.56 -1.87 0.00	29.29 -1.80 0.00	29.41 -1.65 0.00	31.35 -1.93 0.00	35.03 -1.57 0.00	36.50 -1.68 0.00	38.32 -1.15 0.00	38.89 -2.40 0.00	46.50 -1.34 0.00	49.21 -0.90 0.00	55.05 -2.36 0.00	65.44 -2.58 0.00	69.86 -4.10 -0.68	69.88 -4.32 -2.23	89.27 -7.07 -3.41	87.80 -6.28 -4.44	73.98 -5.51 -4.01	70.70 -5.39 -2.24	54.52 -2.95 -0.80	46.24 -0.84 -0.34	38.91 -1.40 -0.39	35.67 -0.80 0.00
LONG_LAKE_PHOENIX 24014	36.56 -0.18 0.00	33.80 -0.31 0.00	33.13 -0.30 0.00	30.79 -0.31 0.00	30.77 -0.28 0.00	32.95 -0.33 0.00	36.45 -0.15 0.00	38.07 -0.11 0.00	39.54 0.08 0.00	41.53 0.25 0.00	48.12 0.29 0.00	50.56 0.45 0.00	57.75 0.34 0.00	68.57 0.54 0.00	73.65 0.37 0.00	72.18 0.22 0.00	94.84 0.09 -1.83	89.83 0.18 -0.01	75.56 0.08 0.00	73.92 0.07 0.00	56.84 0.17 0.00	47.02 0.28 0.00	40.05 -0.08 -0.21	36.14 -0.33 0.00
LOVETT__3 23632	38.33 1.58 0.00	35.68 1.57 0.00	34.84 1.40 0.00	32.40 1.31 0.00	32.30 1.24 0.00	34.68 1.40 0.00	37.99 1.39 0.00	40.36 2.18 0.00	41.87 2.41 0.00	43.89 2.60 0.00	50.80 2.97 0.00	52.96 2.86 0.00	60.85 3.44 0.00	72.04 4.01 0.00	82.67 4.84 -4.55	92.05 5.11 -14.97	122.45 7.15 -22.38	126.82 6.90 -30.29	108.17 5.36 -27.32	93.98 4.87 -15.25	65.36 3.23 -5.46	51.90 2.85 -2.31	45.13 2.59 -2.62	38.47 2.01 0.00
LOVETT__4 23642	38.33 1.58 0.00	35.68 1.57 0.00	34.84 1.40 0.00	32.40 1.31 0.00	32.30 1.24 0.00	34.68 1.40 0.00	37.99 1.39 0.00	40.36 2.18 0.00	41.87 2.41 0.00	43.89 2.60 0.00	50.80 2.97 0.00	52.96 2.86 0.00	60.85 3.44 0.00	72.04 4.01 0.00	82.67 4.84 -4.55	92.05 5.11 -14.97	122.45 7.15 -22.38	126.82 6.90 -30.29	108.17 5.36 -27.32	93.98 4.87 -15.25	65.36 3.23 -5.46	51.90 2.85 -2.31	45.13 2.59 -2.62	38.47 2.01 0.00
LOVETT__5 23593	38.33 1.58 0.00	35.68 1.57 0.00	34.84 1.40 0.00	32.40 1.31 0.00	32.30 1.24 0.00	34.68 1.40 0.00	37.99 1.39 0.00	40.36 2.18 0.00	41.87 2.41 0.00	43.89 2.60 0.00	50.80 2.97 0.00	52.96 2.86 0.00	60.85 3.44 0.00	72.04 4.01 0.00	82.67 4.84 -4.55	92.05 5.11 -14.97	122.45 7.15 -22.38	126.82 6.90 -30.29	108.17 5.36 -27.32	93.98 4.87 -15.25	65.36 3.23 -5.46	51.90 2.85 -2.31	45.13 2.59 -2.62	38.47 2.01 0.00
LOWER RAQUET__HYD 24057	35.24 -1.51 0.00	32.68 -1.43 0.00	32.06 -1.37 0.00	29.82 -1.28 0.00	29.81 -1.24 0.00	31.95 -1.33 0.00	35.25 -1.35 0.00	36.58 -1.60 0.00	37.41 -2.05 0.00	39.22 -2.06 0.00	44.39 -3.44 0.00	46.60 -3.51 0.00	53.56 -3.85 0.00	63.47 -4.56 0.00	68.53 -4.76 0.00	67.07 -4.90 0.00	87.16 -5.76 0.00	83.27 -6.36 0.00	70.96 -4.53 0.00	69.49 -4.36 0.00	53.21 -3.46 0.00	43.33 -3.41 0.00	37.96 -1.96 0.00	35.19 -1.28 0.00
LOWER__HUDSON 24059	38.44 1.69 0.00	35.68 1.57 0.00	34.94 1.51 0.00	32.53 1.43 0.00	32.45 1.40 0.00	34.85 1.56 0.00	38.14 1.54 0.00	39.94 1.76 0.00	41.59 2.13 0.00	43.55 2.27 0.00	50.47 2.63 0.00	52.76 2.65 0.00	60.51 3.10 0.00	71.69 3.67 0.00	90.91 4.10 -13.52	120.53 4.03 -44.54	128.74 5.20 -30.63	184.39 5.11 -89.64	160.84 4.22 -81.13	123.28 4.13 -45.30	76.06 3.17 -16.22	56.32 2.71 -6.87	45.73 2.23 -3.58	38.22 1.75 0.00
LOWVILLE_115KV_TB2 356335	37.15 0.40 0.00	34.35 0.24 0.00	33.70 0.27 0.00	31.28 0.19 0.00	31.30 0.25 0.00	33.58 0.30 0.00	37.08 0.48 0.00	38.64 0.46 0.00	40.06 0.59 0.00	41.82 0.54 0.00	48.12 0.29 0.00	50.66 0.55 0.00	57.70 0.29 0.00	68.57 0.54 0.00	73.80 0.51 0.00	72.47 0.50 0.00	95.12 1.30 -0.90	90.90 1.25 -0.01	77.22 1.74 0.00	75.47 1.62 0.00	57.86 1.19 0.00	47.44 0.70 0.00	40.50 0.48 -0.10	36.94 0.47 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	39.21 2.46 0.00	36.43 2.32 0.00	35.64 2.21 0.00	33.18 2.08 0.00	33.07 2.02 0.00	35.51 2.23 0.00	38.91 2.31 0.00	40.97 2.79 0.00	42.46 3.00 0.00	44.46 3.18 0.00	51.66 3.83 0.00	54.17 4.06 0.00	62.17 4.76 0.00	73.80 5.78 0.00	94.42 6.01 -15.12	127.68 5.90 -49.81	131.54 7.34 -31.28	196.93 7.08 -100.22	172.17 5.96 -90.72	130.41 5.91 -50.65	79.39 4.59 -18.13	58.30 3.88 -7.68	46.64 3.07 -3.65	39.06 2.59 0.00
LUTHERNY_35_KV_BK2 355980	39.24 2.50 0.00	36.46 2.35 0.00	35.67 2.24 0.00	33.21 2.11 0.00	33.10 2.05 0.00	35.55 2.26 0.00	38.94 2.34 0.00	41.01 2.83 0.00	42.50 3.04 0.00	44.51 3.22 0.00	51.76 3.92 0.00	54.22 4.11 0.00	62.29 4.88 0.00	73.87 5.85 0.00	94.56 6.16 -15.12	127.75 5.97 -49.81	131.63 7.43 -31.28	197.02 7.17 -100.22	172.25 6.04 -90.72	130.48 5.98 -50.65	79.45 4.65 -18.13	58.34 3.93 -7.68	46.72 3.15 -3.65	39.09 2.63 0.00
LWR__OSWEGATCHIE_HYD 23850	36.08 -0.66 0.00	33.39 -0.72 0.00	32.76 -0.67 0.00	30.45 -0.65 0.00	30.43 -0.62 0.00	32.65 -0.63 0.00	36.01 -0.59 0.00	37.38 -0.80 0.00	38.64 -0.83 0.00	39.92 -1.36 0.00	46.11 -1.72 0.00	48.45 -1.65 0.00	55.40 -2.01 0.00	65.78 -2.24 0.00	70.87 -2.42 0.00	69.45 -2.52 0.00	90.88 -2.69 -0.65	86.68 -2.96 -0.01	73.75 -1.74 0.00	72.22 -1.62 0.00	55.31 -1.36 0.00	45.20 -1.54 0.00	39.24 -0.76 -0.08	36.07 -0.40 0.00
LYONS_FALL_HYD 23570	37.33 0.59 0.00	34.58 0.48 0.00	33.90 0.47 0.00	31.47 0.37 0.00	31.49 0.43 0.00	33.78 0.50 0.00	37.26 0.66 0.00	38.87 0.69 0.00	40.33 0.87 0.00	42.19 0.91 0.00	47.98 0.14 0.00	50.51 0.40 0.00	57.58 0.17 0.00	68.43 0.41 0.00	73.58 0.29 0.00	72.33 0.36 0.00	95.81 2.04 -0.85	91.61 1.97 -0.01	77.59 2.11 0.00	75.91 2.06 0.00	58.20 1.53 0.00	47.76 1.03 0.00	40.74 0.72 -0.10	37.16 0.69 0.00
MADISON__COUNTY_LFGE 323628	37.85 1.10 0.00	35.03 0.92 0.00	34.34 0.90 0.00	31.88 0.78 0.00	31.86 0.81 0.00	34.18 0.90 0.00	37.73 1.13 0.00	39.40 1.22 0.00	40.96 1.50 0.00	42.98 1.69 0.00	49.80 1.96 0.00	52.41 2.30 0.00	59.82 2.41 0.00	71.08 3.06 0.00	76.37 3.08 0.00	74.92 2.95 0.00	97.84 3.53 -1.39	93.05 3.41 -0.01	78.58 3.09 0.00	76.80 2.95 0.00	58.99 2.32 0.00	48.56 1.82 0.00	41.24 1.16 -0.16	37.45 0.98 0.00
MALONE__115KV_TB1 356076	36.27 -0.48 0.00	33.70 -0.41 0.00	33.07 -0.37 0.00	30.82 -0.28 0.00	30.77 -0.28 0.00	32.95 -0.33 0.00	36.27 -0.33 0.00	37.53 -0.65 0.00	38.64 -0.83 0.00	40.09 -1.20 0.00	46.50 -1.34 0.00	48.65 -1.45 0.00	56.09 -1.32 0.00	66.32 -1.70 0.00	71.53 -1.76 0.00	69.88 -2.09 0.00	89.94 -2.97 0.00	86.50 -3.14 0.00	73.75 -1.74 0.00	72.30 -1.55 0.00	55.36 -1.30 0.00	45.10 -1.64 0.00	38.96 -0.96 0.00	36.14 -0.33 0.00
MAPLEWOD_115KV_TB3 80458	38.11 1.36 0.00	35.47 1.36 0.00	34.74 1.30 0.00	32.34 1.24 0.00	32.26 1.21 0.00	34.61 1.33 0.00	37.81 1.21 0.00	39.82 1.64 0.00	41.28 1.82 0.00	43.18 1.90 0.00	50.13 2.30 0.00	52.31 2.20 0.00	60.05 2.64 0.00	71.15 3.13 0.00	88.53 3.52 -11.72	114.03 3.45 -38.60	127.91 4.55 -30.44	171.76 4.39 -77.73	149.43 3.62 -70.32	116.65 3.54 -39.26	73.44 2.72 -14.06	55.07 2.38 -5.95	45.39 1.92 -3.55	38.04 1.57 0.00

MAPLE RIDGE_WT_1 323574	36.38 -0.37 0.00	33.77 -0.34 0.00	33.10 -0.33 0.00	30.76 -0.34 0.00	30.71 -0.34 0.00	32.92 -0.37 0.00	36.20 -0.40 0.00	37.68 -0.50 0.00	38.91 -0.55 0.00	40.79 -0.49 0.00	47.17 -0.67 0.00	49.41 -0.70 0.00	56.61 -0.80 0.00	67.07 -0.95 0.00	72.26 -1.03 0.00	70.96 -1.01 0.00	91.62 -1.30 0.00	88.47 -1.17 0.00	74.66 -0.83 0.00	72.96 -0.88 0.00	55.87 -0.79 0.00	45.90 -0.84 0.00	39.28 -0.64 0.00	35.96 -0.51 0.00
MAPLE RIDGE_WT_2 323611	36.38 -0.37 0.00	33.77 -0.34 0.00	33.10 -0.33 0.00	30.76 -0.34 0.00	30.71 -0.34 0.00	32.92 -0.37 0.00	36.20 -0.40 0.00	37.68 -0.50 0.00	38.91 -0.55 0.00	40.79 -0.49 0.00	47.17 -0.67 0.00	49.41 -0.70 0.00	56.61 -0.80 0.00	67.07 -0.95 0.00	72.26 -1.03 0.00	70.96 -1.01 0.00	91.62 -1.30 0.00	88.47 -1.17 0.00	74.66 -0.83 0.00	72.96 -0.88 0.00	55.87 -0.79 0.00	45.90 -0.84 0.00	39.28 -0.64 0.00	35.96 -0.51 0.00
MARBLE RIVER_WT_PWR 323696	36.20 -0.55 0.00	33.70 -0.41 0.00	33.07 -0.37 0.00	30.82 -0.28 0.00	30.77 -0.28 0.00	32.95 -0.33 0.00	36.38 -0.22 0.00	37.73 -0.46 0.00	38.52 -0.95 0.00	40.42 -0.87 0.00	46.45 -1.39 0.00	48.61 -1.50 0.00	55.98 -1.43 0.00	66.19 -1.83 0.00	71.38 -1.91 0.00	69.81 -2.16 0.00	90.04 -2.88 0.00	86.68 -2.96 0.00	73.60 -1.88 0.00	72.07 -1.77 0.00	55.19 -1.47 0.00	45.06 -1.68 0.00	38.64 -1.28 0.00	35.67 -0.80 0.00
MARSHVLE_115KV_TB1 80742	40.31 3.56 0.00	37.38 3.27 0.00	36.61 3.18 0.00	34.02 2.92 0.00	34.00 2.95 0.00	36.55 3.26 0.00	40.33 3.73 0.00	42.34 4.16 0.00	43.88 4.42 0.00	45.95 4.67 0.00	53.34 5.50 0.00	56.12 6.01 0.00	64.24 6.83 0.00	76.39 8.37 0.00	95.43 8.79 -13.35	123.99 8.06 -43.96	141.05 10.31 -37.82	188.34 10.22 -88.49	164.27 8.76 -80.03	127.24 8.71 -44.68	79.80 7.14 -16.00	59.22 5.70 -6.78	48.53 4.19 -4.41	40.01 3.54 0.00
MARSH_HILL_WT_PWR 323713	37.19 0.44 0.00	34.18 0.07 0.00	33.33 -0.10 0.00	30.97 -0.12 0.00	31.08 0.03 0.00	33.22 -0.07 0.00	37.04 0.44 0.00	38.72 0.53 0.00	40.69 1.22 0.00	41.86 0.58 0.00	49.46 1.63 0.00	52.06 1.95 0.00	58.78 1.38 0.00	69.92 1.90 0.00	75.35 1.10 -0.97	76.23 1.08 -3.18	97.16 -0.37 -4.62	97.12 1.16 -6.33	82.02 0.83 -5.71	77.85 0.81 -3.19	59.22 1.42 -1.14	49.42 2.20 -0.48	41.28 0.84 -0.52	37.45 0.99 0.00
MCINTYRE_115KV_TB2 80467	36.19 -0.55 0.00	33.56 -0.55 0.00	32.93 -0.50 0.00	30.66 -0.44 0.00	30.65 -0.40 0.00	32.82 -0.47 0.00	36.12 -0.48 0.00	37.34 -0.84 0.00	38.44 -1.03 0.00	39.43 -1.86 0.00	45.68 -2.15 0.00	48.05 -2.05 0.00	55.23 -2.18 0.00	65.51 -2.52 0.00	70.65 -2.64 0.00	69.16 -2.81 0.00	89.76 -3.16 0.00	85.78 -3.85 0.00	73.14 -2.34 0.00	71.70 -2.14 0.00	54.91 -1.76 0.00	44.63 -2.10 0.00	39.08 -0.84 0.00	36.25 -0.22 0.00
MECO____69_KV_BK1 80468	40.86 4.12 0.00	37.86 3.75 0.00	37.04 3.61 0.00	34.43 3.33 0.00	34.41 3.35 0.00	37.04 3.76 0.00	40.92 4.32 0.00	42.92 4.73 0.00	44.40 4.93 0.00	46.41 5.12 0.00	53.86 6.03 0.00	56.67 6.56 0.00	64.93 7.52 0.00	77.68 9.66 0.00	97.67 10.11 -14.27	128.68 9.72 -47.00	141.37 12.64 -35.82	196.67 12.46 -94.57	171.70 10.64 -85.57	132.25 10.63 -47.77	82.33 8.56 -17.10	60.76 6.78 -7.24	49.01 4.91 -4.18	40.59 4.12 0.00
MENANDS__115KV_TB5 355628	37.85 1.10 0.00	35.23 1.13 0.00	34.54 1.10 0.00	32.16 1.06 0.00	32.05 0.99 0.00	34.42 1.13 0.00	37.51 0.91 0.00	39.56 1.37 0.00	41.00 1.54 0.00	42.90 1.61 0.00	49.75 1.91 0.00	51.91 1.80 0.00	59.53 2.12 0.00	70.54 2.52 0.00	87.65 2.93 -11.43	112.51 2.88 -37.66	127.09 3.81 -30.36	169.15 3.67 -75.85	147.04 2.94 -68.61	115.03 2.88 -38.31	72.59 2.21 -13.71	54.51 1.96 -5.81	45.10 1.64 -3.54	37.78 1.31 0.00
MG INDUSTRY____DRP 24185	38.07 1.32 0.00	35.47 1.36 0.00	34.80 1.37 0.00	32.37 1.28 0.00	32.26 1.21 0.00	34.61 1.33 0.00	37.81 1.21 0.00	39.75 1.57 0.00	41.12 1.66 0.00	43.02 1.73 0.00	49.89 2.06 0.00	51.96 1.85 0.00	58.56 1.15 0.00	69.45 1.43 0.00	83.78 1.69 -8.81	102.57 1.58 -29.02	124.69 2.23 -29.54	150.27 2.15 -58.49	130.09 1.74 -52.87	105.21 1.85 -29.52	68.65 1.42 -10.57	52.71 1.50 -4.48	45.29 1.92 -3.45	38.07 1.60 0.00
MID____OSWEGATCHIE_HYD 23849	36.08 -0.66 0.00	33.39 -0.72 0.00	32.76 -0.67 0.00	30.45 -0.65 0.00	30.43 -0.62 0.00	32.65 -0.63 0.00	36.01 -0.59 0.00	37.38 -0.80 0.00	38.64 -0.83 0.00	39.92 -1.36 0.00	46.11 -1.72 0.00	48.45 -1.65 0.00	55.40 -2.01 0.00	65.78 -2.24 0.00	70.87 -2.42 0.00	69.45 -2.52 0.00	90.88 -2.69 -0.65	86.68 -2.96 -0.01	73.75 -1.74 0.00	72.22 -1.62 0.00	55.31 -1.36 0.00	45.20 -1.54 0.00	39.24 -0.76 -0.08	36.07 -0.40 0.00
MID____RAQUETTE_HYD 23851	35.24 -1.51 0.00	32.67 -1.43 0.00	32.06 -1.37 0.00	29.82 -1.28 0.00	29.81 -1.24 0.00	31.95 -1.33 0.00	35.17 -1.43 0.00	36.35 -1.83 0.00	37.41 -2.05 0.00	38.31 -2.97 0.00	44.39 -3.44 0.00	46.60 -3.51 0.00	53.56 -3.85 0.00	63.47 -4.56 0.00	68.52 -4.76 0.00	67.07 -4.89 0.00	87.16 -5.76 0.00	83.27 -6.36 0.00	70.95 -4.53 0.00	69.49 -4.36 0.00	53.21 -3.46 0.00	43.33 -3.41 0.00	38.16 -1.76 0.00	35.45 -1.02 0.00
MILLIKEN____1 23584	37.81 1.07 0.00	34.93 0.82 0.00	34.20 0.77 0.00	31.75 0.65 0.00	31.74 0.68 0.00	33.98 0.70 0.00	37.73 1.13 0.00	39.40 1.22 0.00	40.96 1.50 0.00	43.02 1.73 0.00	49.85 2.01 0.00	52.41 2.30 0.00	59.76 2.35 0.00	71.02 2.99 0.00	77.28 3.00 -0.98	78.08 2.88 -3.23	100.82 3.34 -4.56	99.69 3.67 -6.38	84.41 3.17 -5.75	80.16 3.10 -3.21	60.37 2.55 -1.15	49.47 2.24 -0.49	41.77 1.32 -0.53	37.34 0.88 0.00
MILLIKEN____2 23585	37.81 1.07 0.00	34.93 0.82 0.00	34.20 0.77 0.00	31.75 0.65 0.00	31.74 0.68 0.00	33.98 0.70 0.00	37.73 1.13 0.00	39.40 1.22 0.00	40.96 1.50 0.00	43.02 1.73 0.00	49.85 2.01 0.00	52.41 2.30 0.00	59.76 2.35 0.00	71.02 2.99 0.00	77.28 3.00 -0.98	78.08 2.88 -3.23	100.82 3.34 -4.56	99.69 3.67 -6.38	84.41 3.17 -5.75	80.16 3.10 -3.21	60.37 2.55 -1.15	49.47 2.24 -0.49	41.77 1.32 -0.53	37.34 0.88 0.00
MILLIKEN____DIESEL 23629	37.81 1.07 0.00	34.93 0.82 0.00	34.20 0.77 0.00	31.75 0.65 0.00	31.74 0.68 0.00	33.98 0.70 0.00	37.73 1.13 0.00	39.40 1.22 0.00	40.96 1.50 0.00	43.02 1.73 0.00	49.85 2.01 0.00	52.41 2.30 0.00	59.76 2.35 0.00	71.02 2.99 0.00	77.28 3.00 -0.98	78.08 2.88 -3.23	100.82 3.34 -4.56	99.69 3.67 -6.38	84.41 3.17 -5.75	80.16 3.10 -3.21	60.37 2.55 -1.15	49.47 2.24 -0.49	41.77 1.32 -0.53	37.34 0.88 0.00
MILLSEAT____LFGE 323607	36.20 -0.55 0.00	33.26 -0.85 0.00	32.43 -1.00 0.00	30.07 -1.03 0.00	30.18 -0.87 0.00	32.19 -1.10 0.00	36.01 -0.59 0.00	37.61 -0.57 0.00	39.54 0.08 0.00	40.21 -1.07 0.00	47.98 0.14 0.00	50.86 0.75 0.00	57.01 -0.40 0.00	67.89 -0.14 0.00	72.83 -1.10 -0.64	72.57 -1.51 -2.12	92.91 -3.25 -3.25	91.34 -2.51 -4.21	77.02 -2.26 -3.80	73.16 -2.81 -2.12	56.29 -1.13 -0.76	47.48 0.42 -0.32	39.93 -0.36 -0.37	36.40 -0.07 0.00

MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	38.55 1.80 0.00	35.91 1.81 0.00	35.07 1.64 0.00	32.65 1.55 0.00	32.51 1.46 0.00	34.91 1.63 0.00	38.25 1.65 0.00	40.66 2.48 0.00	42.15 2.68 0.00	44.22 2.93 0.00	51.23 3.40 0.00	53.36 3.26 0.00	61.31 3.90 0.00	72.58 4.56 0.00	83.44 5.42 -4.72	93.22 5.69 -15.56	124.07 7.90 -23.26	128.72 7.62 -31.47	109.84 5.96 -28.39	95.16 5.46 -15.85	66.02 3.68 -5.67	52.32 3.18 -2.40	45.51 2.87 -2.72	38.73 2.26 0.00
MILLWOOD_13_KV_LOAD 356217	38.73 1.98 0.00	36.05 1.94 0.00	35.17 1.74 0.00	32.75 1.65 0.00	32.64 1.58 0.00	35.05 1.76 0.00	38.43 1.83 0.00	40.82 2.63 0.00	42.35 2.88 0.00	44.42 3.14 0.00	51.52 3.68 0.00	53.66 3.56 0.00	61.71 4.31 0.00	73.06 5.03 0.00	83.95 5.94 -4.72	93.72 6.19 -15.56	124.72 8.55 -23.26	129.44 8.34 -31.47	110.44 6.57 -28.39	95.68 5.98 -15.85	66.36 4.02 -5.67	52.60 3.46 -2.40	45.67 3.03 -2.72	38.84 2.37 0.00
MODEL_CITY_ENERGY 24167	35.06 -1.69 0.00	32.23 -1.88 0.00	31.43 -2.01 0.00	29.23 -1.87 0.00	29.35 -1.71 0.00	31.22 -2.06 0.00	34.92 -1.68 0.00	36.35 -1.83 0.00	38.12 -1.34 0.00	38.69 -2.60 0.00	46.30 -1.53 0.00	49.00 -1.10 0.00	54.83 -2.58 0.00	65.17 -2.85 0.00	69.65 -4.32 -0.69	69.62 -4.61 -2.26	88.93 -7.44 -3.45	87.50 -6.63 -4.50	73.73 -5.81 -4.06	70.43 -5.68 -2.27	54.31 -3.17 -0.81	46.05 -1.03 -0.34	38.80 -1.52 -0.39	35.41 -1.06 0.00
MODERN_LFGE_ 323580	35.06 -1.69 0.00	32.23 -1.88 0.00	31.43 -2.01 0.00	29.23 -1.87 0.00	29.35 -1.71 0.00	31.22 -2.06 0.00	34.92 -1.68 0.00	36.35 -1.83 0.00	38.12 -1.34 0.00	38.69 -2.60 0.00	46.30 -1.53 0.00	49.00 -1.10 0.00	54.83 -2.58 0.00	65.17 -2.85 0.00	69.65 -4.32 -0.69	69.62 -4.61 -2.26	88.93 -7.44 -3.45	87.50 -6.63 -4.50	73.73 -5.81 -4.06	70.43 -5.68 -2.27	54.31 -3.17 -0.81	46.05 -1.03 -0.34	38.80 -1.52 -0.39	35.41 -1.06 0.00
MOHAWK_PAPER___DRP 24187	38.11 1.36 0.00	35.47 1.36 0.00	34.74 1.30 0.00	32.34 1.24 0.00	32.26 1.21 0.00	34.61 1.33 0.00	37.81 1.21 0.00	39.82 1.64 0.00	41.28 1.82 0.00	43.18 1.90 0.00	50.13 2.30 0.00	52.31 2.20 0.00	60.05 2.64 0.00	71.15 3.13 0.00	88.53 3.52 -11.72	114.03 3.45 -38.60	127.91 4.55 -30.44	171.76 4.39 -77.73	149.43 3.62 -70.32	116.65 3.54 -39.26	73.44 2.72 -14.06	55.07 2.38 -5.95	45.39 1.92 -3.55	38.04 1.57 0.00
MOHICAN__35_KV_115KV_LD 80490	39.72 2.98 0.00	36.84 2.73 0.00	36.01 2.57 0.00	33.49 2.39 0.00	33.38 2.33 0.00	35.91 2.63 0.00	39.42 2.82 0.00	41.50 3.32 0.00	43.13 3.67 0.00	45.13 3.84 0.00	52.62 4.78 0.00	55.27 5.16 0.00	63.49 6.09 0.00	75.51 7.48 0.00	95.73 7.26 -15.19	129.13 7.12 -50.04	132.60 8.36 -31.32	198.39 8.07 -100.68	173.50 6.87 -91.15	131.53 6.79 -50.89	80.21 5.33 -18.22	59.03 4.58 -7.72	47.21 3.63 -3.65	39.50 3.03 0.00
MONGAUP___HYD 23641	38.51 1.76 0.00	35.68 1.57 0.00	34.84 1.40 0.00	32.50 1.40 0.00	32.39 1.33 0.00	34.68 1.40 0.00	38.14 1.54 0.00	39.98 1.79 0.00	41.55 2.09 0.00	43.39 2.10 0.00	49.99 2.15 0.00	52.06 1.95 0.00	59.47 2.06 0.00	70.47 2.45 0.00	80.43 2.93 -4.21	89.07 3.24 -13.86	118.51 4.83 -20.77	122.62 4.93 -28.06	104.57 3.77 -25.32	91.45 3.47 -14.13	64.00 2.27 -5.06	51.17 2.29 -2.14	44.59 2.23 -2.44	38.18 1.71 0.00
MONTAUK___DIESEL 23721	50.14 5.66 -7.74	44.55 5.29 -5.16	46.15 4.98 -7.73	39.31 4.66 -3.55	37.00 4.53 -1.41	38.99 4.89 -0.82	42.03 5.42 -0.01	47.75 6.53 -3.04	50.85 6.71 -4.67	60.54 6.32 -12.93	67.28 7.51 -11.93	106.96 7.77 -49.09	150.47 9.59 -83.47	317.89 11.36 -238.51	346.00 13.49 -259.22	227.26 7.26 -141.62	227.63 7.12 -116.69	310.91 18.03 -204.78	302.28 16.49 -213.81	249.30 12.48 -162.97	403.53 9.35 -337.51	189.90 8.32 -134.84	115.95 7.19 -68.85	51.20 6.24 -8.49
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.08 0.33 0.00	33.46 -0.65 0.00	32.63 -0.80 0.00	30.23 -0.87 0.00	30.34 -0.71 0.00	32.32 -0.97 0.00	36.60 0.00 0.00	37.91 -0.27 0.00	39.98 0.51 0.00	42.19 0.91 0.00	48.99 1.15 0.00	51.71 1.60 0.00	58.04 0.63 0.00	69.11 1.09 0.00	74.03 -0.07 -0.81	74.64 0.00 -2.68	94.20 -2.69 -3.98	93.89 -1.08 -5.33	79.16 -1.13 -4.81	75.57 -0.96 -2.68	57.80 0.17 -0.96	48.69 1.54 -0.41	39.75 -0.64 -0.47	35.63 -0.84 0.00
MORTIMER_115KV_TB3 55949	36.86 0.11 0.00	33.60 -0.51 0.00	32.83 -0.60 0.00	30.45 -0.65 0.00	30.49 -0.56 0.00	32.62 -0.67 0.00	36.60 0.00 0.00	37.95 -0.23 0.00	39.70 0.24 0.00	41.78 0.50 0.00	48.32 0.48 0.00	51.11 1.00 0.00	57.70 0.29 0.00	68.63 0.61 0.00	73.67 -0.15 -0.53	73.22 -0.50 -1.75	94.69 -1.02 -2.79	92.22 -0.90 -3.48	77.42 -1.21 -3.14	74.42 -1.18 -1.75	57.07 -0.23 -0.63	47.66 0.65 -0.27	40.01 -0.24 -0.33	35.41 -1.06 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	38.84 2.09 0.00	36.22 2.11 0.00	35.34 1.91 0.00	32.87 1.77 0.00	32.76 1.71 0.00	35.18 1.90 0.00	38.50 1.90 0.00	41.01 2.83 0.00	42.54 3.08 0.00	44.63 3.34 0.00	51.62 3.78 0.00	53.72 3.61 0.00	61.77 4.36 0.00	73.12 5.10 0.00	84.06 6.01 -4.76	93.99 6.33 -15.69	125.19 8.83 -23.45	129.96 8.60 -31.72	110.82 6.72 -28.62	95.88 6.06 -15.98	66.41 4.02 -5.72	52.62 3.46 -2.42	45.89 3.23 -2.74	39.02 2.55 0.00
MUNSVILLE_WIND_PWR 323609	40.24 3.49 0.00	37.07 2.97 0.00	36.34 2.91 0.00	33.59 2.49 0.00	33.66 2.61 0.00	36.11 2.83 0.00	40.11 3.51 0.00	41.93 3.74 0.00	43.69 4.22 0.00	45.58 4.29 0.00	53.10 5.26 0.00	56.37 6.26 0.00	63.84 6.43 0.00	76.18 8.16 0.00	83.63 8.35 -1.99	86.93 8.42 -6.54	110.48 10.13 -7.43	112.98 10.93 -12.42	96.75 10.04 -11.22	89.86 9.75 -6.27	66.39 7.48 -2.24	53.62 5.94 -0.95	44.79 4.11 -0.75	40.15 3.68 0.00
N SALMON___HYD 24042	36.27 -0.48 0.00	33.70 -0.41 0.00	33.07 -0.37 0.00	30.82 -0.28 0.00	30.77 -0.28 0.00	32.95 -0.33 0.00	36.42 -0.18 0.00	37.80 -0.38 0.00	38.63 -0.83 0.00	40.58 -0.70 0.00	46.50 -1.34 0.00	48.65 -1.45 0.00	56.09 -1.32 0.00	66.32 -1.70 0.00	71.53 -1.76 0.00	69.88 -2.09 0.00	89.94 -2.98 0.00	86.49 -3.14 0.00	73.75 -1.73 0.00	72.29 -1.55 0.00	55.36 -1.30 0.00	45.10 -1.64 0.00	38.80 -1.12 0.00	35.81 -0.66 0.00
N.AKRON__115KV_KNAPP 355671	36.86 0.11 0.00	33.32 -0.78 0.00	32.50 -0.94 0.00	30.10 -1.00 0.00	30.25 -0.81 0.00	32.25 -1.03 0.00	36.56 -0.04 0.00	37.69 -0.50 0.00	39.62 0.16 0.00	41.74 0.45 0.00	48.22 0.38 0.00	51.11 1.00 0.00	57.12 -0.29 0.00	68.02 0.00 0.00	72.54 -1.39 -0.64	72.29 -1.80 -2.12	92.58 -3.62 -3.29	90.98 -2.87 -4.22	76.42 -2.87 -3.81	72.94 -3.03 -2.12	56.18 -1.25 -0.76	47.39 0.33 -0.32	39.23 -1.08 -0.38	34.65 -1.82 0.00
N.BELMOR_69_KV_BK1 55787	42.92 2.83 -3.35	41.97 2.76 -5.10	41.63 2.54 -5.66	37.00 2.36 -3.54	34.79 2.33 -1.41	36.63 2.53 -0.82	39.31 2.71 0.00	41.89 3.55 -0.15	43.17 3.71 0.00	44.59 3.30 0.00	51.62 3.78 0.00	53.97 3.86 0.00	62.23 4.82 0.00	73.53 5.51 0.00	85.09 7.04 -4.76	95.02 7.34 -15.71	126.50 10.13 -23.46	131.22 9.86 -31.73	111.51 7.40 -28.63	96.84 7.02 -15.98	67.37 4.99 -5.72	53.37 4.21 -2.42	46.69 4.03 -2.74	41.31 3.28 -1.56

N.E_GEN_SANDY PD 24062	38.18 1.43 0.00	35.44 1.33 0.00	34.70 1.27 0.00	32.31 1.21 0.00	32.23 1.18 0.00	34.58 1.30 0.00	37.88 1.28 0.00	39.71 1.53 0.00	41.44 1.97 0.00	43.47 2.19 0.00	50.01 2.39 0.22	52.63 2.31 -0.22	60.11 2.70 0.00	71.15 3.13 0.00	83.98 3.74 -6.95	98.68 3.81 -22.90	125.17 5.11 -27.15	140.86 5.02 -46.21	121.22 4.00 -41.74	100.33 3.76 -22.72	68.37 2.78 -8.93	52.70 2.43 -3.53	45.17 2.07 -3.17	38.00 1.53 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	38.40 1.65 0.00	35.74 1.64 0.00	34.87 1.44 0.00	32.47 1.37 0.00	32.36 1.30 0.00	34.75 1.46 0.00	38.06 1.46 0.00	40.43 2.25 0.00	41.91 2.45 0.00	43.97 2.68 0.00	50.90 3.06 0.00	53.06 2.96 0.00	61.03 3.62 0.00	72.24 4.22 0.00	82.88 5.06 -4.53	92.23 5.33 -14.93	122.58 7.34 -22.32	127.01 7.17 -30.21	108.32 5.59 -27.25	94.08 5.02 -15.22	65.51 3.40 -5.45	51.99 2.94 -2.31	45.20 2.67 -2.61	38.55 2.08 0.00
N.QUEENS_27_KV_LOAD 356247	39.10 2.35 0.00	36.32 2.22 0.00	35.44 2.01 0.00	32.93 1.83 0.00	32.82 1.77 0.00	35.15 1.86 0.00	38.25 1.65 0.00	40.85 2.67 0.00	42.38 2.92 0.00	44.38 3.10 0.00	51.18 3.35 0.01	53.66 3.56 0.01	61.59 4.19 0.01	72.91 4.90 0.01	83.83 5.79 -4.75	93.76 6.12 -15.68	125.00 8.64 -23.44	129.68 8.34 -31.71	110.66 6.57 -28.61	95.72 5.91 -15.97	66.29 3.91 -5.71	52.47 3.32 -2.41	45.61 2.95 -2.74	39.17 2.70 0.00
N.TROY____115KV_TB1 355778	38.33 1.58 0.00	35.68 1.57 0.00	34.94 1.50 0.00	32.53 1.43 0.00	32.45 1.40 0.00	34.85 1.56 0.00	38.10 1.50 0.00	40.13 1.95 0.00	41.60 2.13 0.00	43.52 2.23 0.00	50.47 2.63 0.00	52.76 2.66 0.00	60.51 3.10 0.00	71.70 3.67 0.00	90.91 4.10 -13.52	120.54 4.03 -44.54	128.76 5.20 -30.64	184.39 5.11 -89.64	160.84 4.23 -81.13	123.28 4.14 -45.30	76.06 3.17 -16.22	56.32 2.71 -6.87	45.69 2.20 -3.58	38.29 1.82 0.00
NARROWS_GT1_1 24228	39.36 2.61 0.00	36.47 2.35 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.68 2.09 0.00	40.78 2.60 0.00	42.87 3.35 -0.06	45.06 3.72 -0.06	51.70 3.87 0.01	53.76 3.66 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.88 8.69 -18.55	94.79 6.72 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.10 3.43 -2.75	38.98 2.51 0.00
NARROWS_GT1_2 24229	39.36 2.61 0.00	36.47 2.35 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.68 2.09 0.00	40.78 2.60 0.00	42.87 3.35 -0.06	45.06 3.72 -0.06	51.70 3.87 0.01	53.76 3.66 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.88 8.69 -18.55	94.79 6.72 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.10 3.43 -2.75	38.98 2.51 0.00
NARROWS_GT1_3 24230	39.36 2.61 0.00	36.47 2.35 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.68 2.09 0.00	40.78 2.60 0.00	42.87 3.35 -0.06	45.06 3.72 -0.06	51.70 3.87 0.01	53.76 3.66 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.88 8.69 -18.55	94.79 6.72 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.10 3.43 -2.75	38.98 2.51 0.00
NARROWS_GT1_4 24231	39.36 2.61 0.00	36.47 2.35 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.68 2.09 0.00	40.78 2.60 0.00	42.87 3.35 -0.06	45.06 3.72 -0.06	51.70 3.87 0.01	53.76 3.66 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.88 8.69 -18.55	94.79 6.72 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.10 3.43 -2.75	38.98 2.51 0.00
NARROWS_GT1_5 24232	39.36 2.61 0.00	36.47 2.35 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.68 2.09 0.00	40.78 2.60 0.00	42.87 3.35 -0.06	45.06 3.72 -0.06	51.70 3.87 0.01	53.76 3.66 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.88 8.69 -18.55	94.79 6.72 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.10 3.43 -2.75	38.98 2.51 0.00
NARROWS_GT1_6 24233	39.36 2.61 0.00	36.47 2.35 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.68 2.09 0.00	40.78 2.60 0.00	42.87 3.35 -0.06	45.06 3.72 -0.06	51.70 3.87 0.01	53.76 3.66 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.88 8.69 -18.55	94.79 6.72 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.10 3.43 -2.75	38.98 2.51 0.00
NARROWS_GT1_7 24234	39.36 2.61 0.00	36.47 2.35 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.68 2.09 0.00	40.78 2.60 0.00	42.87 3.35 -0.06	45.06 3.72 -0.06	51.70 3.87 0.01	53.76 3.66 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.88 8.69 -18.55	94.79 6.72 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.10 3.43 -2.75	38.98 2.51 0.00
NARROWS_GT1_8 24235	39.36 2.61 0.00	36.47 2.35 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.68 2.09 0.00	40.78 2.60 0.00	42.87 3.35 -0.06	45.06 3.72 -0.06	51.70 3.87 0.01	53.76 3.66 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.88 8.69 -18.55	94.79 6.72 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.10 3.43 -2.75	38.98 2.51 0.00
NARROWS_GT2_1 24236	39.36 2.61 0.00	36.47 2.35 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.68 2.09 0.00	40.78 2.60 0.00	42.87 3.35 -0.06	45.06 3.72 -0.06	51.70 3.87 0.01	53.76 3.66 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.88 8.69 -18.55	94.79 6.72 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.10 3.43 -2.75	38.98 2.51 0.00
NARROWS_GT2_2 24237	39.36 2.61 0.00	36.47 2.35 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.68 2.09 0.00	40.78 2.60 0.00	42.87 3.35 -0.06	45.06 3.72 -0.06	51.70 3.87 0.01	53.76 3.66 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.88 8.69 -18.55	94.79 6.72 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.10 3.43 -2.75	38.98 2.51 0.00
NARROWS_GT2_3 24238	39.36 2.61 0.00	36.47 2.35 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.68 2.09 0.00	40.78 2.60 0.00	42.87 3.35 -0.06	45.06 3.72 -0.06	51.70 3.87 0.01	53.76 3.66 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.88 8.69 -18.55	94.79 6.72 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.10 3.43 -2.75	38.98 2.51 0.00

NARROWS_GT2_4 24239	39.36 2.61 0.00	36.47 2.35 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.68 2.09 0.00	40.78 2.60 0.00	42.87 3.35 -0.06	45.06 3.72 -0.06	51.70 3.87 0.01	53.76 3.66 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.88 8.69 -18.55	94.79 6.72 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.10 3.43 -2.75	38.98 2.51 0.00
NARROWS_GT2_5 24240	39.36 2.61 0.00	36.47 2.35 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.68 2.09 0.00	40.78 2.60 0.00	42.87 3.35 -0.06	45.06 3.72 -0.06	51.70 3.87 0.01	53.76 3.66 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.88 8.69 -18.55	94.79 6.72 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.10 3.43 -2.75	38.98 2.51 0.00
NARROWS_GT2_6 24241	39.36 2.61 0.00	36.47 2.35 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.68 2.09 0.00	40.78 2.60 0.00	42.87 3.35 -0.06	45.06 3.72 -0.06	51.70 3.87 0.01	53.76 3.66 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.88 8.69 -18.55	94.79 6.72 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.10 3.43 -2.75	38.98 2.51 0.00
NARROWS_GT2_7 24242	39.36 2.61 0.00	36.47 2.35 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.68 2.09 0.00	40.78 2.60 0.00	42.87 3.35 -0.06	45.06 3.72 -0.06	51.70 3.87 0.01	53.76 3.66 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.88 8.69 -18.55	94.79 6.72 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.10 3.43 -2.75	38.98 2.51 0.00
NARROWS_GT2_8 24243	39.36 2.61 0.00	36.47 2.35 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.68 2.09 0.00	40.78 2.60 0.00	42.87 3.35 -0.06	45.06 3.72 -0.06	51.70 3.87 0.01	53.76 3.66 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.88 8.69 -18.55	94.79 6.72 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.10 3.43 -2.75	38.98 2.51 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	39.02 2.28 0.00	36.26 2.15 0.00	35.47 2.04 0.00	33.03 1.93 0.00	32.92 1.86 0.00	35.31 2.03 0.00	38.58 1.98 0.00	40.63 2.44 0.00	41.91 2.45 0.00	43.89 2.60 0.00	50.90 3.06 0.00	52.86 2.76 0.00	60.68 3.27 0.00	71.97 3.95 0.00	85.72 4.10 -8.32	103.41 4.03 -27.41	126.51 5.48 -28.11	150.42 5.56 -55.23	130.01 4.60 -49.92	106.37 4.65 -27.87	70.16 3.51 -9.98	54.14 3.18 -4.23	45.85 2.63 -3.30	38.95 2.48 0.00
NCHELSEA_115KV_TR2 355582	39.06 2.31 0.00	36.36 2.25 0.00	35.44 2.01 0.00	33.00 1.90 0.00	32.85 1.80 0.00	35.25 1.96 0.00	38.61 2.01 0.00	40.97 2.79 0.00	42.46 3.00 0.00	44.59 3.30 0.00	51.76 3.92 0.00	53.97 3.86 0.00	62.12 4.71 0.00	73.60 5.58 0.00	84.76 6.52 -4.95	94.98 6.69 -16.32	124.85 7.99 -23.94	130.39 7.80 -32.96	111.34 6.11 -29.74	96.14 5.69 -16.61	66.75 4.14 -5.95	52.76 3.51 -2.52	45.70 3.03 -2.75	38.91 2.44 0.00
NEG CAPITAL___MECHNVIL 23645	39.25 2.50 0.00	36.39 2.29 0.00	35.61 2.17 0.00	33.15 2.05 0.00	33.04 1.99 0.00	35.51 2.23 0.00	38.94 2.34 0.00	40.78 2.60 0.00	42.46 3.00 0.00	44.51 3.22 0.00	51.71 3.87 0.00	54.16 4.06 0.00	62.17 4.76 0.00	73.80 5.78 0.00	94.08 6.08 -14.71	126.39 5.97 -48.45	131.43 7.44 -31.07	194.39 7.26 -97.50	169.85 6.11 -88.26	129.10 5.98 -49.27	78.95 4.65 -17.64	58.14 3.93 -7.47	46.70 3.15 -3.63	39.02 2.55 0.00
NEG CENTRAL_HIGH_ACRES 23767	36.09 -0.66 0.00	33.29 -0.82 0.00	32.53 -0.90 0.00	30.17 -0.93 0.00	30.22 -0.84 0.00	32.32 -0.97 0.00	35.90 -0.70 0.00	37.61 -0.57 0.00	39.35 -0.12 0.00	40.62 -0.66 0.00	47.88 0.05 0.00	50.61 0.50 0.00	57.41 0.00 0.00	68.36 0.34 0.00	73.59 -0.22 -0.52	73.17 -0.50 -1.70	94.52 -1.11 -2.72	91.94 -1.07 -3.38	77.47 -1.06 -3.05	74.44 -1.11 -1.70	56.88 -0.39 -0.61	47.18 0.19 -0.26	40.03 -0.20 -0.31	36.03 -0.44 0.00
NEG CENTRAL___DRP 24199	37.19 0.44 0.00	34.21 0.10 0.00	33.47 0.03 0.00	31.07 -0.03 0.00	31.08 0.03 0.00	33.28 0.00 0.00	37.00 0.40 0.00	38.60 0.42 0.00	40.25 0.79 0.00	42.32 1.03 0.00	49.03 1.20 0.00	51.61 1.50 0.00	58.73 1.32 0.00	69.79 1.77 0.00	75.33 1.47 -0.58	75.16 1.30 -1.90	96.99 1.11 -2.96	95.01 1.61 -3.77	80.09 1.21 -3.40	76.92 1.18 -1.90	58.53 1.19 -0.68	48.29 1.26 -0.29	40.70 0.44 -0.35	36.51 0.04 0.00
NEG CENTRAL___INDECK 23768	37.11 0.37 0.00	34.11 0.00 0.00	33.27 -0.17 0.00	30.82 -0.28 0.00	30.93 -0.12 0.00	33.05 -0.23 0.00	36.93 0.33 0.00	38.64 0.46 0.00	40.53 1.07 0.00	41.53 0.25 0.00	47.88 0.05 0.00	50.61 0.50 0.00	57.18 -0.23 0.00	67.95 -0.07 0.00	73.20 -0.88 -0.79	73.21 -1.37 -2.61	94.30 -2.50 -3.89	93.48 -1.34 -5.19	79.11 -1.06 -4.68	75.43 -1.03 -2.61	57.77 0.17 -0.94	49.24 2.11 -0.40	41.28 0.92 -0.44	37.20 0.73 0.00
NEG CENTRAL___SENECA 23627	37.30 0.55 0.00	34.21 0.10 0.00	33.43 0.00 0.00	31.04 -0.06 0.00	31.08 0.03 0.00	33.28 0.00 0.00	37.08 0.48 0.00	38.64 0.46 0.00	40.37 0.91 0.00	42.48 1.20 0.00	49.27 1.44 0.00	51.91 1.80 0.00	58.90 1.49 0.00	70.06 2.04 0.00	75.55 1.61 -0.65	75.47 1.37 -2.14	97.30 1.11 -3.27	95.58 1.70 -4.25	80.60 1.28 -3.83	77.17 1.18 -2.14	58.73 1.30 -0.77	48.56 1.50 -0.32	40.74 0.44 -0.38	36.43 -0.04 0.00
NEG CENTRAL___STATE_STREET 24147	37.66 0.92 0.00	34.79 0.68 0.00	34.04 0.60 0.00	31.60 0.50 0.00	31.58 0.53 0.00	33.85 0.57 0.00	37.51 0.91 0.00	39.17 0.99 0.00	40.81 1.34 0.00	42.90 1.61 0.00	49.65 1.82 0.00	52.26 2.15 0.00	59.71 2.30 0.00	70.95 2.92 0.00	76.79 2.93 -0.57	76.50 2.66 -1.87	98.89 3.07 -2.91	96.65 3.32 -3.70	81.62 2.79 -3.34	78.44 2.73 -1.86	59.60 2.27 -0.67	49.03 2.01 -0.28	41.42 1.16 -0.34	37.20 0.73 0.00
NEG MILLWOOD___DRP 24198	39.24 2.50 0.00	36.49 2.39 0.00	35.61 2.17 0.00	33.18 2.08 0.00	32.98 1.93 0.00	35.41 2.13 0.00	38.91 2.31 0.00	41.31 3.13 0.00	42.90 3.43 0.00	45.04 3.76 0.00	52.43 4.59 0.00	54.62 4.51 0.00	62.92 5.51 0.00	74.55 6.53 0.00	85.75 7.55 -4.92	95.72 7.56 -16.20	126.83 9.94 -23.97	132.14 9.77 -32.73	112.79 7.77 -29.53	97.42 7.09 -16.49	67.56 4.99 -5.90	53.40 4.16 -2.50	46.17 3.47 -2.78	39.20 2.74 0.00
NEG NORTH_FLCN_SEA 23793	36.34 -0.40 0.00	33.97 -0.14 0.00	33.30 -0.13 0.00	31.07 -0.03 0.00	31.02 -0.03 0.00	33.22 -0.07 0.00	36.34 -0.26 0.00	37.49 -0.69 0.00	38.64 -0.83 0.00	40.17 -1.11 0.00	46.59 -1.24 0.00	48.75 -1.35 0.00	56.15 -1.26 0.00	66.39 -1.63 0.00	71.60 -1.69 0.00	69.95 -2.02 0.00	90.04 -2.88 0.00	86.77 -2.87 0.00	73.82 -1.66 0.00	72.30 -1.55 0.00	55.36 -1.30 0.00	45.20 -1.54 0.00	38.88 -1.04 0.00	36.29 -0.18 0.00

NEG NORTH_KES_CHATEGAY 23792	36.23 -0.51 0.00	33.73 -0.38 0.00	33.10 -0.33 0.00	30.82 -0.28 0.00	30.81 -0.25 0.00	32.98 -0.30 0.00	36.27 -0.33 0.00	37.46 -0.73 0.00	38.56 -0.91 0.00	40.13 -1.16 0.00	46.55 -1.29 0.00	48.65 -1.45 0.00	56.03 -1.38 0.00	66.25 -1.77 0.00	71.46 -1.83 0.00	69.95 -2.02 0.00	90.13 -2.79 0.00	86.77 -2.87 0.00	73.75 -1.74 0.00	72.22 -1.62 0.00	55.31 -1.36 0.00	45.15 -1.59 0.00	38.88 -1.04 0.00	36.07 -0.40 0.00
NEG NORTH___ALICE_FALLS 23915	36.56 -0.18 0.00	34.07 -0.03 0.00	33.43 0.00 0.00	31.16 0.06 0.00	31.15 0.09 0.00	33.32 0.03 0.00	36.56 -0.04 0.00	37.80 -0.38 0.00	38.91 -0.55 0.00	40.50 -0.78 0.00	46.98 -0.86 0.00	49.16 -0.95 0.00	56.61 -0.80 0.00	66.93 -1.09 0.00	72.19 -1.10 0.00	70.46 -1.51 0.00	90.59 -2.32 0.00	87.30 -2.33 0.00	74.43 -1.06 0.00	72.96 -0.89 0.00	55.87 -0.79 0.00	45.52 -1.22 0.00	39.12 -0.80 0.00	36.40 -0.07 0.00
NEG NORTH___LWR_SARANAC 23913	36.56 -0.18 0.00	34.07 -0.03 0.00	33.43 0.00 0.00	31.16 0.06 0.00	31.15 0.09 0.00	33.32 0.03 0.00	36.56 -0.04 0.00	37.80 -0.38 0.00	38.91 -0.55 0.00	40.50 -0.78 0.00	46.98 -0.86 0.00	49.16 -0.95 0.00	56.61 -0.80 0.00	66.93 -1.09 0.00	72.19 -1.10 0.00	70.46 -1.51 0.00	90.59 -2.32 0.00	87.30 -2.33 0.00	74.43 -1.06 0.00	72.96 -0.89 0.00	55.87 -0.79 0.00	45.52 -1.22 0.00	39.12 -0.80 0.00	36.40 -0.07 0.00
NEG NORTH___PLATTSBURG 23628	36.56 -0.18 0.00	34.07 -0.03 0.00	33.43 0.00 0.00	31.16 0.06 0.00	31.15 0.09 0.00	33.32 0.03 0.00	36.82 0.22 0.00	38.14 -0.04 0.00	38.91 -0.55 0.00	40.83 -0.45 0.00	46.98 -0.86 0.00	49.15 -0.95 0.00	56.61 -0.80 0.00	66.93 -1.09 0.00	72.19 -1.10 0.00	70.45 -1.51 0.00	90.60 -2.32 0.00	87.30 -2.33 0.00	74.35 -1.13 0.00	72.96 -0.88 0.00	55.87 -0.79 0.00	45.52 -1.22 0.00	38.96 -0.96 0.00	35.99 -0.48 0.00
NEG WEST_LEA_LOCKPORT 23791	35.79 -0.96 0.00	32.37 -1.74 0.00	31.56 -1.87 0.00	29.29 -1.80 0.00	29.44 -1.61 0.00	31.35 -1.93 0.00	35.54 -1.06 0.00	36.46 -1.72 0.00	38.32 -1.14 0.00	40.38 -0.91 0.00	46.64 -1.20 0.00	49.31 -0.80 0.00	55.06 -2.35 0.00	65.44 -2.58 0.00	69.86 -4.10 -0.68	69.81 -4.39 -2.23	89.27 -7.06 -3.41	87.80 -6.27 -4.44	73.75 -5.74 -4.01	70.69 -5.39 -2.24	54.52 -2.95 -0.80	46.24 -0.84 -0.34	38.28 -2.04 -0.40	33.81 -2.66 0.00
NEG WEST___LANCASTR 23811	36.56 -0.18 0.00	33.12 -0.99 0.00	32.26 -1.17 0.00	29.95 -1.15 0.00	30.06 -0.99 0.00	32.09 -1.20 0.00	36.27 -0.33 0.00	37.34 -0.84 0.00	39.23 -0.24 0.00	41.29 0.00 0.00	47.84 0.00 0.00	50.51 0.40 0.00	56.61 -0.80 0.00	67.34 -0.68 0.00	72.19 -1.91 -0.81	72.63 -2.02 -2.67	89.65 -7.25 -3.98	90.75 -4.21 -5.32	77.19 -3.09 -4.80	73.57 -2.95 -2.68	56.32 -1.30 -0.96	47.42 0.28 -0.41	37.91 -2.48 -0.46	34.94 -1.53 0.00
NEG_PENN_ALLEGHNY 23528	37.26 0.51 0.00	34.48 0.38 0.00	33.73 0.30 0.00	31.38 0.28 0.00	31.36 0.31 0.00	33.58 0.30 0.00	37.11 0.51 0.00	38.79 0.61 0.00	40.45 0.99 0.00	42.07 0.78 0.00	49.17 1.34 0.00	51.71 1.60 0.00	58.90 1.49 0.00	69.92 1.90 0.00	76.65 1.76 -1.61	78.92 1.66 -5.30	101.45 1.40 -7.14	102.13 1.97 -10.52	86.57 1.59 -9.50	80.70 1.55 -5.30	60.04 1.47 -1.90	49.08 1.54 -0.80	41.60 0.88 -0.81	37.20 0.73 0.00
NEG___GEN_MONROE 24207	36.97 0.22 0.00	33.70 -0.41 0.00	32.90 -0.53 0.00	30.51 -0.59 0.00	30.56 -0.50 0.00	32.65 -0.63 0.00	36.64 0.04 0.00	37.91 -0.27 0.00	39.74 0.28 0.00	41.78 0.50 0.00	48.32 0.48 0.00	51.06 0.95 0.00	57.64 0.23 0.00	68.50 0.48 0.00	73.53 -0.29 -0.54	73.02 -0.72 -1.77	94.25 -1.49 -2.82	91.90 -1.25 -3.52	77.15 -1.51 -3.18	74.00 -1.62 -1.77	56.90 -0.40 -0.64	47.61 0.61 -0.27	40.05 -0.20 -0.33	35.41 -1.06 0.00
NEPA___ENERGY 23901	36.67 -0.07 0.00	33.25 -0.85 0.00	32.40 -1.04 0.00	30.07 -1.03 0.00	30.18 -0.87 0.00	32.19 -1.10 0.00	36.38 -0.22 0.00	37.69 -0.50 0.00	39.54 0.08 0.00	41.57 0.29 0.00	48.17 0.33 0.00	50.91 0.80 0.00	57.12 -0.29 0.00	67.89 -0.14 0.00	72.94 -1.17 -0.82	73.38 -1.30 -2.70	92.75 -4.18 -4.02	92.33 -2.69 -5.39	78.00 -2.34 -4.86	74.34 -2.22 -2.71	56.90 -0.74 -0.97	47.90 0.75 -0.41	39.27 -1.12 -0.47	35.16 -1.31 0.00
NEVERSINK___HYD 23608	38.69 1.95 0.00	35.85 1.74 0.00	34.97 1.54 0.00	32.53 1.43 0.00	32.45 1.40 0.00	34.78 1.50 0.00	38.25 1.65 0.00	40.20 2.02 0.00	42.54 3.08 0.00	44.79 3.51 0.00	51.76 3.92 0.00	54.22 4.11 0.00	62.40 4.99 0.00	74.01 5.99 0.00	84.54 6.82 -4.44	93.71 7.13 -14.61	118.32 5.01 -20.39	123.03 4.39 -29.00	104.98 3.32 -26.17	91.42 2.96 -14.61	64.22 2.32 -5.23	50.83 1.87 -2.22	44.00 1.72 -2.37	37.53 1.06 0.00
NEWKRMKL_115KV_TB1 55635	37.66 0.92 0.00	35.06 0.96 0.00	34.37 0.94 0.00	32.00 0.90 0.00	31.89 0.84 0.00	34.22 0.93 0.00	37.37 0.77 0.00	39.40 1.22 0.00	40.77 1.30 0.00	42.69 1.40 0.00	49.51 1.67 0.00	51.66 1.55 0.00	59.30 1.89 0.00	70.20 2.18 0.00	87.03 2.57 -11.18	111.32 2.52 -36.83	126.54 3.25 -30.38	166.95 3.14 -74.18	145.15 2.57 -67.10	113.82 2.51 -37.46	71.95 1.87 -13.41	54.15 1.73 -5.68	44.90 1.44 -3.55	37.60 1.13 0.00
NEWTON___FALLS_HYD 23847	36.08 -0.66 0.00	33.39 -0.72 0.00	32.76 -0.67 0.00	30.45 -0.65 0.00	30.43 -0.62 0.00	32.65 -0.63 0.00	36.01 -0.59 0.00	37.38 -0.80 0.00	38.64 -0.83 0.00	39.92 -1.36 0.00	46.11 -1.72 0.00	48.45 -1.65 0.00	55.40 -2.01 0.00	65.78 -2.24 0.00	70.87 -2.42 0.00	69.45 -2.52 0.00	90.88 -2.69 -0.65	86.68 -2.96 -0.01	73.75 -1.74 0.00	72.22 -1.62 0.00	55.31 -1.36 0.00	45.20 -1.54 0.00	39.24 -0.76 -0.08	36.07 -0.40 0.00
NGRID_A1_DSASP 323792	34.69 -2.06 0.00	31.92 -2.18 0.00	31.13 -2.31 0.00	28.92 -2.18 0.00	29.04 -2.02 0.00	30.92 -2.36 0.00	34.55 -2.05 0.00	35.93 -2.25 0.00	37.69 -1.78 0.00	38.19 -3.10 0.00	45.78 -2.06 0.00	48.40 -1.70 0.00	54.14 -3.27 0.00	64.42 -3.61 0.00	68.78 -5.20 -0.69	68.71 -5.54 -2.28	87.93 -8.45 -3.47	86.37 -7.80 -4.53	72.78 -6.79 -4.09	69.48 -6.65 -2.28	53.63 -3.86 -0.82	45.54 -1.54 -0.35	38.44 -1.88 -0.40	34.94 -1.53 0.00
NGRID_A2_DSASP 323793	34.69 -2.06 0.00	31.92 -2.18 0.00	31.13 -2.31 0.00	28.92 -2.18 0.00	29.04 -2.02 0.00	30.92 -2.36 0.00	34.55 -2.05 0.00	35.93 -2.25 0.00	37.69 -1.78 0.00	38.19 -3.10 0.00	45.78 -2.06 0.00	48.40 -1.70 0.00	54.14 -3.27 0.00	64.42 -3.61 0.00	68.78 -5.20 -0.69	68.71 -5.54 -2.28	87.93 -8.45 -3.47	86.37 -7.80 -4.53	72.78 -6.79 -4.09	69.48 -6.65 -2.28	53.63 -3.86 -0.82	45.54 -1.54 -0.35	38.44 -1.88 -0.40	34.94 -1.53 0.00
NGRID_A4_DSASP 323807	35.31 -1.43 0.00	31.92 -2.18 0.00	31.13 -2.31 0.00	28.92 -2.18 0.00	29.04 -2.02 0.00	30.92 -2.36 0.00	35.06 -1.54 0.00	35.93 -2.25 0.00	37.69 -1.78 0.00	39.72 -1.57 0.00	45.88 -1.96 0.00	48.50 -1.60 0.00	54.14 -3.27 0.00	64.42 -3.61 0.00	68.78 -5.20 -0.69	68.70 -5.54 -2.28	88.02 -8.36 -3.47	86.37 -7.80 -4.53	72.55 -7.02 -4.09	69.41 -6.72 -2.28	53.63 -3.85 -0.82	45.54 -1.54 -0.35	37.81 -2.51 -0.41	33.33 -3.14 0.00

NIAGARA_115E_LBMP 323715	34.95 -1.80 0.00	32.13 -1.98 0.00	31.33 -2.11 0.00	29.14 -1.96 0.00	29.25 -1.80 0.00	31.12 -2.16 0.00	34.77 -1.83 0.00	36.19 -1.99 0.00	37.96 -1.50 0.00	38.48 -2.81 0.00	46.12 -1.72 0.00	48.76 -1.35 0.00	54.60 -2.81 0.00	64.89 -3.13 0.00	69.29 -4.69 -0.69	69.29 -4.96 -2.28	88.59 -7.80 -3.48	87.10 -7.08 -4.55	73.40 -6.19 -4.10	70.08 -6.05 -2.29	54.09 -3.40 -0.82	45.87 -1.22 -0.35	38.64 -1.68 -0.40	35.23 -1.24 0.00
NIAGARA_115W_LBMP 323714	34.61 -2.13 0.00	31.86 -2.25 0.00	31.06 -2.37 0.00	28.83 -2.27 0.00	28.94 -2.11 0.00	30.86 -2.43 0.00	34.48 -2.12 0.00	35.85 -2.33 0.00	37.57 -1.89 0.00	38.07 -3.22 0.00	45.64 -2.20 0.00	48.25 -1.85 0.00	54.02 -3.39 0.00	64.21 -3.81 0.00	68.63 -5.35 -0.69	68.48 -5.76 -2.27	87.74 -8.64 -3.47	86.09 -8.07 -4.53	72.62 -6.94 -4.08	69.26 -6.87 -2.28	53.46 -4.02 -0.82	45.40 -1.68 -0.35	38.36 -1.96 -0.39	34.86 -1.60 0.00
NIAGARA_230_LBMP 323716	35.09 -1.65 0.00	32.30 -1.81 0.00	31.49 -1.94 0.00	29.26 -1.83 0.00	29.38 -1.68 0.00	31.32 -1.96 0.00	34.95 -1.65 0.00	36.39 -1.79 0.00	38.12 -1.34 0.00	38.69 -2.60 0.00	46.26 -1.58 0.00	48.96 -1.15 0.00	54.83 -2.58 0.00	65.23 -2.79 0.00	69.72 -4.25 -0.68	69.67 -4.53 -2.24	89.27 -7.07 -3.42	87.63 -6.45 -4.45	73.84 -5.66 -4.02	70.55 -5.54 -2.24	54.35 -3.12 -0.80	46.05 -1.03 -0.34	38.87 -1.44 -0.39	35.38 -1.09 0.00
NIAGARA__115KV_198_GIBSON 55903	35.20 -1.54 0.00	31.82 -2.29 0.00	31.06 -2.37 0.00	28.83 -2.27 0.00	28.94 -2.11 0.00	30.85 -2.43 0.00	34.99 -1.61 0.00	35.81 -2.37 0.00	37.57 -1.89 0.00	39.59 -1.69 0.00	45.73 -2.10 0.00	48.40 -1.70 0.00	54.02 -3.39 0.00	64.21 -3.81 0.00	68.56 -5.42 -0.69	68.48 -5.76 -2.27	87.74 -8.64 -3.47	86.18 -7.98 -4.53	72.40 -7.17 -4.08	69.26 -6.87 -2.28	53.46 -4.02 -0.82	45.40 -1.68 -0.35	37.69 -2.63 -0.40	33.22 -3.25 0.00
NIAGARA____ 23760	35.09 -1.65 0.00	32.30 -1.81 0.00	31.49 -1.94 0.00	29.26 -1.83 0.00	29.38 -1.68 0.00	31.32 -1.96 0.00	34.95 -1.65 0.00	36.39 -1.79 0.00	38.12 -1.34 0.00	38.69 -2.60 0.00	46.26 -1.58 0.00	48.96 -1.15 0.00	54.83 -2.58 0.00	65.23 -2.79 0.00	69.72 -4.25 -0.68	69.69 -4.53 -2.26	89.30 -7.07 -3.44	87.67 -6.45 -4.49	73.87 -5.66 -4.05	70.57 -5.54 -2.26	54.36 -3.12 -0.81	46.05 -1.03 -0.34	38.88 -1.44 -0.39	35.38 -1.09 0.00
NINE_MILE_1 23575	36.01 -0.73 0.00	33.36 -0.75 0.00	32.70 -0.74 0.00	30.41 -0.68 0.00	30.37 -0.68 0.00	32.55 -0.73 0.00	35.87 -0.73 0.00	37.50 -0.69 0.00	38.91 -0.55 0.00	40.58 -0.70 0.00	47.21 -0.62 0.00	49.61 -0.50 0.00	56.66 -0.75 0.00	67.21 -0.81 0.00	72.26 -1.03 0.00	70.89 -1.08 0.00	92.77 -1.58 -1.44	88.21 -1.44 -0.01	74.20 -1.28 0.00	72.59 -1.26 0.00	55.82 -0.85 0.00	46.18 -0.56 0.00	39.49 -0.60 -0.16	35.81 -0.66 0.00
NINE_MILE_2 23744	36.01 -0.73 0.00	33.39 -0.72 0.00	32.70 -0.74 0.00	30.41 -0.68 0.00	30.40 -0.65 0.00	32.55 -0.73 0.00	35.87 -0.73 0.00	37.50 -0.69 0.00	38.91 -0.55 0.00	40.58 -0.70 0.00	47.27 -0.57 0.00	49.61 -0.50 0.00	56.66 -0.75 0.00	67.21 -0.81 0.00	72.26 -1.03 0.00	70.89 -1.08 0.00	92.77 -1.58 -1.44	88.21 -1.44 -0.01	74.20 -1.28 0.00	72.59 -1.26 0.00	55.82 -0.85 0.00	46.18 -0.56 0.00	39.49 -0.60 -0.16	35.85 -0.62 0.00
NM_CAPITAL____DRP 24208	37.74 0.99 0.00	35.16 1.06 0.00	34.44 1.00 0.00	32.06 0.96 0.00	31.99 0.93 0.00	34.32 1.03 0.00	37.44 0.84 0.00	39.48 1.30 0.00	40.89 1.42 0.00	42.77 1.49 0.00	49.61 1.77 0.00	51.71 1.60 0.00	59.36 1.95 0.00	70.27 2.24 0.00	87.00 2.64 -11.07	111.02 2.59 -36.46	126.63 3.44 -30.27	166.38 3.32 -73.43	144.62 2.72 -66.42	113.59 2.66 -37.08	71.93 1.98 -13.28	54.18 1.82 -5.62	44.97 1.52 -3.53	37.67 1.20 0.00
NM_CENTRAL____DRP 24181	36.67 -0.07 0.00	33.90 -0.20 0.00	33.20 -0.23 0.00	30.85 -0.25 0.00	30.84 -0.22 0.00	33.05 -0.23 0.00	36.56 -0.04 0.00	38.18 0.00 0.00	39.66 0.20 0.00	41.66 0.37 0.00	48.27 0.43 0.00	50.71 0.60 0.00	57.93 0.52 0.00	68.77 0.75 0.00	73.87 0.59 0.00	72.40 0.43 0.00	95.32 0.37 -2.03	90.10 0.45 -0.02	75.71 0.23 0.00	74.07 0.22 0.00	57.01 0.34 0.00	47.21 0.47 0.00	40.20 0.04 -0.24	36.21 -0.26 0.00
NM_FRONTIER____DRP 24179	35.20 -1.54 0.00	31.82 -2.29 0.00	31.06 -2.37 0.00	28.83 -2.27 0.00	28.94 -2.11 0.00	30.85 -2.43 0.00	34.99 -1.61 0.00	35.81 -2.37 0.00	37.57 -1.89 0.00	39.59 -1.69 0.00	45.73 -2.10 0.00	48.40 -1.70 0.00	54.02 -3.39 0.00	64.21 -3.81 0.00	68.56 -5.42 -0.69	68.48 -5.76 -2.27	87.74 -8.64 -3.47	86.18 -7.98 -4.53	72.40 -7.17 -4.08	69.26 -6.87 -2.28	53.46 -4.02 -0.82	45.40 -1.68 -0.35	37.69 -2.63 -0.40	33.22 -3.25 0.00
NM_ST_REGIS____HYD 24053	35.46 -1.29 0.00	32.91 -1.19 0.00	32.30 -1.14 0.00	30.07 -1.03 0.00	30.06 -0.99 0.00	32.19 -1.10 0.00	35.43 -1.17 0.00	36.62 -1.57 0.00	37.69 -1.78 0.00	38.73 -2.56 0.00	44.87 -2.97 0.00	47.05 -3.06 0.00	54.14 -3.27 0.00	64.15 -3.88 0.00	69.26 -4.03 0.00	67.72 -4.25 0.00	87.81 -5.11 0.00	83.99 -5.65 0.00	71.63 -3.85 0.00	70.15 -3.69 0.00	53.72 -2.95 0.00	43.70 -3.04 0.00	38.32 -1.60 0.00	35.59 -0.88 0.00
NORTHPORT____1 23551	42.41 2.65 -3.01	41.67 2.46 -5.10	41.32 2.17 -5.71	36.91 2.27 -3.54	34.73 2.27 -1.41	36.56 2.46 -0.82	39.32 2.71 -0.01	41.22 2.75 -0.29	42.67 3.08 -0.13	43.57 3.42 1.14	40.86 2.97 9.94	41.31 2.96 11.75	48.25 3.79 12.95	58.42 4.29 13.89	80.18 5.79 -1.10	101.43 6.19 -23.28	126.57 8.64 -25.02	135.43 8.34 -37.46	112.87 5.96 -31.42	98.58 6.06 -18.68	73.62 4.59 -12.37	54.83 3.74 -4.35	42.63 3.35 0.64	39.73 2.85 -0.42
NORTHPORT____2 23552	42.41 2.65 -3.01	41.67 2.46 -5.10	41.32 2.17 -5.71	36.91 2.27 -3.54	34.73 2.27 -1.41	36.56 2.46 -0.82	39.32 2.71 -0.01	41.22 2.75 -0.29	42.67 3.08 -0.13	43.57 3.42 1.14	40.86 2.97 9.94	41.31 2.96 11.75	41.54 3.79 19.66	41.57 4.29 30.74	41.57 5.79 37.50	41.72 6.19 36.44	41.80 8.64 59.76	41.70 8.34 56.28	41.66 5.96 39.79	42.10 6.06 37.81	41.75 4.59 19.51	43.28 3.74 7.20	40.16 3.35 3.11	39.73 2.85 -0.42
NORTHPORT____3 23553	42.45 2.57 -3.13	41.83 2.63 -5.10	41.78 2.64 -5.71	36.91 2.27 -3.54	34.67 2.21 -1.41	36.53 2.43 -0.82	39.28 2.67 -0.01	41.78 3.32 -0.28	42.68 3.63 0.42	44.02 3.88 1.15	41.77 2.82 8.89	41.15 2.80 11.76	41.42 3.68 19.67	41.42 4.15 30.75	41.42 5.64 37.51	41.42 5.90 36.45	41.42 8.27 59.76	41.42 8.07 56.28	41.42 5.73 39.80	41.42 5.39 37.81	41.06 3.91 19.51	42.66 3.13 7.20	40.47 3.67 3.12	39.53 2.26 -0.80
NORTHPORT____4 23650	42.45 2.57 -3.13	41.83 2.63 -5.10	41.78 2.64 -5.71	36.91 2.27 -3.54	34.67 2.21 -1.41	36.53 2.43 -0.82	39.28 2.67 -0.01	41.78 3.32 -0.28	42.68 3.63 0.42	44.02 3.88 1.15	41.77 2.82 8.89	41.15 2.80 11.76	41.42 3.68 19.67	41.42 4.15 30.75	41.42 5.64 37.51	41.42 5.90 36.45	41.42 8.27 59.76	41.42 8.07 56.28	41.42 5.73 39.80	41.42 5.39 37.81	41.06 3.91 19.51	42.66 3.13 7.20	40.47 3.67 3.12	39.53 2.26 -0.80

NORTHPORT___IC 23718	42.41 2.65 -3.01	41.67 2.46 -5.10	41.32 2.17 -5.71	36.91 2.27 -3.54	34.73 2.27 -1.41	36.56 2.46 -0.82	39.32 2.71 -0.01	41.22 2.75 -0.29	42.67 3.08 -0.13	43.57 3.42 1.14	40.86 2.97 9.94	41.31 2.96 11.75	41.54 3.79 19.66	41.57 4.29 30.74	41.57 5.79 37.50	41.72 6.19 36.44	41.80 8.64 59.76	41.70 8.34 56.28	41.66 5.96 39.79	42.10 6.06 37.81	41.75 4.59 19.51	43.28 3.74 7.20	40.16 3.35 3.11	39.73 2.85 -0.42
NORTH___COUNTRY_ESR 323785	36.16 -0.59 0.00	33.63 -0.48 0.00	33.00 -0.44 0.00	30.73 -0.37 0.00	30.71 -0.34 0.00	32.89 -0.40 0.00	36.27 -0.33 0.00	37.61 -0.57 0.00	38.44 -1.03 0.00	40.29 -0.99 0.00	46.35 -1.48 0.00	48.50 -1.61 0.00	55.80 -1.61 0.00	66.05 -1.97 0.00	71.24 -2.05 0.00	69.74 -2.23 0.00	89.85 -3.06 0.00	86.49 -3.14 0.00	73.45 -2.03 0.00	71.93 -1.92 0.00	55.08 -1.59 0.00	44.96 -1.78 0.00	38.56 -1.36 0.00	35.59 -0.88 0.00
NPX_GEN_1385_PROXY 323591	41.85 2.09 -3.01	41.02 1.81 -5.10	40.42 1.27 -5.71	36.35 1.71 -3.54	34.42 1.96 -1.41	36.03 1.93 -0.82	38.73 2.12 -0.01	40.64 2.18 -0.29	42.39 2.80 -0.13	43.82 3.67 1.14	41.41 3.73 10.16	42.48 3.91 11.54	48.29 5.05 14.17	56.83 5.78 16.97	74.74 7.40 5.95	94.61 8.27 -14.37	113.69 11.24 -9.54	121.24 10.57 -21.03	112.13 8.23 -28.42	94.61 8.20 -12.57	84.97 6.29 -22.01	54.12 5.14 -2.24	42.90 4.07 1.09	39.40 2.51 -0.42
NPX_GEN_CSC 323557	48.33 3.86 -7.72	42.85 3.58 -5.16	44.57 3.41 -7.73	37.85 3.20 -3.55	35.63 3.17 -1.41	37.50 3.40 -0.82	40.42 3.81 -0.02	47.28 4.20 -4.90	48.70 4.58 -4.66	59.14 4.95 -12.91	64.16 4.64 -11.69	104.02 4.71 -49.20	146.56 5.86 -83.29	312.82 6.80 -237.99	340.02 8.06 -258.67	298.59 8.20 -218.42	281.51 11.24 -177.35	304.53 10.93 -203.97	297.19 8.30 -213.41	294.29 8.34 -212.10	385.39 6.40 -322.32	171.60 5.37 -119.49	113.58 4.95 -68.71	48.92 3.98 -8.48
NSINS_S_GLNS_FALLS 23858	39.72 2.98 0.00	36.84 2.73 0.00	36.01 2.57 0.00	33.49 2.39 0.00	33.38 2.33 0.00	35.91 2.63 0.00	39.42 2.82 0.00	41.50 3.32 0.00	43.13 3.67 0.00	45.13 3.84 0.00	52.62 4.78 0.00	55.27 5.16 0.00	63.49 6.09 0.00	75.51 7.48 -15.25	95.79 7.26 -50.23	129.25 7.05 -31.35	132.53 8.27 -101.07	198.68 7.98 -91.49	173.69 6.72 -91.49	131.65 6.72 -51.08	80.22 5.27 -18.29	59.02 4.53 -7.75	47.17 3.59 -3.66	39.46 2.99 0.00
NUCOR_STEEL___DRP 24197	37.44 0.70 0.00	34.62 0.51 0.00	33.87 0.43 0.00	31.41 0.31 0.00	31.43 0.37 0.00	33.65 0.37 0.00	37.29 0.70 0.00	38.95 0.76 0.00	40.53 1.07 0.00	42.61 1.32 0.00	49.27 1.44 0.00	51.86 1.75 0.00	59.19 1.78 0.00	70.34 2.31 0.00	76.10 2.27 -0.54	75.83 2.09 -1.78	98.03 2.32 -2.79	95.66 2.51 -3.52	80.77 2.11 -3.18	77.69 2.07 -1.77	59.06 1.76 -0.63	48.64 1.64 -0.27	41.16 0.92 -0.33	36.98 0.51 0.00
NUMBER_THREE_WT_PWR 323818	37.08 0.33 0.00	34.31 0.21 0.00	33.67 0.24 0.00	31.22 0.12 0.00	31.24 0.19 0.00	33.52 0.23 0.00	37.00 0.40 0.00	38.60 0.42 0.00	40.02 0.55 0.00	41.82 0.54 0.00	47.98 0.14 0.00	50.51 0.40 0.00	57.58 0.17 0.00	68.43 0.41 0.00	73.66 0.37 0.00	72.33 0.36 0.00	94.92 1.12 -0.89	90.80 1.16 -0.01	77.07 1.59 0.00	75.40 1.55 0.00	57.74 1.07 0.00	47.34 0.61 0.00	40.46 0.44 -0.10	36.94 0.47 0.00
NYISO_LBMP_REFERENCE 24008	36.75 0.00 0.00	34.11 0.00 0.00	33.43 0.00 0.00	31.10 0.00 0.00	31.05 0.00 0.00	33.28 0.00 0.00	36.60 0.00 0.00	38.18 0.00 0.00	39.46 0.00 0.00	41.29 0.00 0.00	47.84 0.00 0.00	50.11 0.00 0.00	57.41 0.00 0.00	68.02 0.00 0.00	73.29 0.00 0.00	71.97 0.00 0.00	92.92 0.00 0.00	89.63 0.00 0.00	75.48 0.00 0.00	73.85 0.00 0.00	56.67 0.00 0.00	46.74 0.00 0.00	39.92 0.00 0.00	36.47 0.00 0.00
NYPA_BRENTWD___GT 24164	49.01 3.49 -8.78	42.43 3.21 -5.11	42.49 2.94 -6.11	37.53 2.89 -3.54	35.29 2.83 -1.41	37.16 3.06 -0.82	40.01 3.40 -0.01	43.05 3.67 -1.20	44.39 3.95 -0.97	48.32 4.33 -2.70	91.68 4.06 -39.78	64.15 3.81 -10.24	79.64 4.82 -17.41	123.35 5.58 -49.75	138.39 7.26 -57.84	131.79 7.55 -52.27	158.95 10.40 -55.63	161.68 10.13 -61.93	150.14 7.40 -67.25	131.48 7.24 -50.39	127.18 5.44 -65.08	71.27 4.35 -20.18	60.49 4.03 -16.54	56.37 3.61 -16.29
NYPA_GOWANUS___GT5 24156	39.36 2.61 0.00	36.47 2.35 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.68 2.09 0.00	40.78 2.60 0.00	42.87 3.35 -0.06	45.06 3.72 -0.06	51.70 3.87 0.01	53.71 3.61 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.79 8.61 -18.55	94.72 6.64 -12.59	90.01 6.06 -10.11	54.15 4.02 6.54	52.56 3.41 -2.41	46.10 3.43 -2.75	38.98 2.51 0.00
NYPA_GOWANUS___GT6 24157	39.36 2.61 0.00	36.47 2.35 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.68 2.09 0.00	40.78 2.60 0.00	42.87 3.35 -0.06	45.06 3.72 -0.06	51.70 3.87 0.01	53.71 3.61 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.79 8.61 -18.55	94.72 6.64 -12.59	90.01 6.06 -10.11	54.15 4.02 6.54	52.56 3.41 -2.41	46.10 3.43 -2.75	38.98 2.51 0.00
NYPA_HARLEM__RVR_GT1 24160	39.25 2.50 0.00	36.26 2.15 0.00	35.41 1.97 0.00	32.90 1.80 0.00	32.76 1.71 0.00	35.08 1.80 0.00	38.31 1.72 0.01	40.36 2.18 0.00	42.30 2.84 0.01	44.46 3.18 0.01	51.08 3.25 0.01	53.55 3.45 0.01	61.42 4.02 0.01	72.77 4.76 0.01	83.69 5.64 -4.75	93.55 5.90 -15.68	124.81 8.45 -23.44	129.50 8.16 -31.71	110.35 6.26 -28.61	95.50 5.69 -15.97	66.12 3.74 -5.71	52.37 3.22 -2.41	45.58 2.91 -2.75	38.69 2.22 0.00
NYPA_HARLEM__RVR_GT2 24161	39.25 2.50 0.00	36.26 2.15 0.00	35.41 1.97 0.00	32.90 1.80 0.00	32.76 1.71 0.00	35.08 1.80 0.00	38.31 1.72 0.01	40.36 2.18 0.00	42.30 2.84 0.01	44.46 3.18 0.01	51.08 3.25 0.01	53.55 3.45 0.01	61.42 4.02 0.01	72.77 4.76 0.01	83.69 5.64 -4.75	93.55 5.90 -15.68	124.81 8.45 -23.44	129.50 8.16 -31.71	110.35 6.26 -28.61	95.50 5.69 -15.97	66.12 3.74 -5.71	52.37 3.22 -2.41	45.58 2.91 -2.75	38.69 2.22 0.00
NYPA_KENT___GT 24152	39.25 2.50 0.00	36.40 2.29 0.00	35.51 2.07 0.00	33.00 1.90 0.00	32.89 1.83 0.00	35.28 2.00 0.00	38.65 2.05 0.00	40.70 2.52 0.00	42.73 3.24 -0.03	44.95 3.63 -0.03	51.56 3.73 0.01	53.66 3.56 0.01	64.25 4.19 -2.66	73.44 4.96 -0.46	68.26 5.87 10.90	78.67 6.19 -0.51	113.36 8.73 -11.71	117.50 8.42 -19.45	83.78 6.49 -1.81	78.69 5.91 1.06	54.82 3.86 5.70	52.52 3.37 -2.42	45.98 3.31 -2.75	38.91 2.44 0.00
NYPA_POUCH1___GT 24155	39.86 2.50 -0.61	36.44 2.32 -0.01	35.55 2.11 -0.01	33.07 1.96 -0.01	32.96 1.89 -0.01	35.31 2.03 0.00	39.24 1.98 -0.66	42.07 2.52 -1.37	45.03 3.27 -2.29	47.90 3.55 -3.06	56.84 3.68 -5.32	59.79 3.45 -6.23	81.27 4.14 -19.73	102.45 4.90 -29.53	86.41 5.79 -7.33	111.24 6.11 -33.16	126.84 8.64 -25.28	131.03 8.42 -32.97	116.93 6.49 -34.95	111.65 5.91 -31.90	47.78 3.86 12.75	46.94 3.27 3.07	43.39 3.27 -0.20	39.33 2.41 -0.46

NYPA_VERNON____GT2 24162	39.17	36.29	35.41	32.93	32.79	35.21	38.61	40.63	42.59	44.80	51.51	53.61	60.00	63.41	63.59	67.46	114.12	118.31	72.91	67.38	55.59	52.47	45.86	38.84
	2.42	2.18	1.97	1.83	1.74	1.93	2.01	2.45	3.12	3.51	3.68	3.51	4.14	4.83	5.72	6.05	8.64	8.34	6.41	5.76	3.80	3.32	3.19	2.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.01	0.01	1.55	9.44	15.42	10.55	-12.57	-20.34	8.98	12.23	4.87	-2.42	-2.75	0.00
NYPA_VERNON____GT3 24163	39.17	36.29	35.41	32.93	32.79	35.21	38.61	40.63	42.59	44.80	51.51	53.61	60.00	63.41	63.59	67.46	114.12	118.31	72.91	67.38	55.59	52.47	45.86	38.84
	2.42	2.18	1.97	1.83	1.74	1.93	2.01	2.45	3.12	3.51	3.68	3.51	4.14	4.83	5.72	6.05	8.64	8.34	6.41	5.76	3.80	3.32	3.19	2.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.01	0.01	1.55	9.44	15.42	10.55	-12.57	-20.34	8.98	12.23	4.87	-2.42	-2.75	0.00
NYPA____ASTORIA_CC1 323568	39.13	36.26	35.37	32.87	32.76	35.15	38.54	40.55	42.50	44.71	51.37	53.46	57.75	57.31	57.62	57.66	112.13	116.25	60.98	57.14	53.76	52.33	45.78	38.77
	2.39	2.15	1.94	1.77	1.71	1.86	1.94	2.37	3.04	3.42	3.54	3.36	3.96	4.69	5.50	5.90	8.37	8.07	6.19	5.61	3.63	3.18	3.12	2.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	3.61	15.41	21.17	20.21	-10.85	-18.55	20.69	22.31	6.54	-2.41	-2.75	0.00
NYPA____ASTORIA_CC2 323569	39.13	36.26	35.37	32.87	32.76	35.15	38.54	40.55	42.50	44.71	51.37	53.46	57.75	57.31	57.62	57.66	112.13	116.25	60.98	57.14	53.76	52.33	45.78	38.77
	2.39	2.15	1.94	1.77	1.71	1.86	1.94	2.37	3.04	3.42	3.54	3.36	3.96	4.69	5.50	5.90	8.37	8.07	6.19	5.61	3.63	3.18	3.12	2.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	3.61	15.41	21.17	20.21	-10.85	-18.55	20.69	22.31	6.54	-2.41	-2.75	0.00
NYPA____HOLTSVILL 23794	47.68	42.34	44.00	37.41	35.19	37.06	39.87	46.58	47.99	58.21	63.49	102.07	143.96	307.25	334.51	291.55	277.63	297.81	292.82	258.55	346.58	136.98	111.64	48.19
	3.27	3.07	2.88	2.77	2.73	2.96	3.26	3.59	3.95	4.25	3.83	3.86	4.76	5.51	7.11	7.34	10.13	9.86	7.25	7.09	5.39	4.39	4.19	3.32
	-7.66	-5.16	-7.69	-3.55	-1.41	-0.82	-0.02	-4.81	-4.58	-12.67	-11.82	-48.10	-81.79	-233.72	-254.11	-212.23	-174.59	-198.32	-210.09	-177.62	-284.52	-85.85	-67.53	-8.40
NYPA____HELLGATE_GT1 24158	39.25	36.26	35.41	32.90	32.76	35.08	38.31	40.36	42.30	44.46	51.08	53.55	61.42	72.77	83.69	93.55	124.81	129.50	110.35	95.50	66.12	52.37	45.58	38.69
	2.50	2.15	1.97	1.80	1.71	1.80	1.72	2.18	2.84	3.18	3.25	3.45	4.02	4.76	5.64	5.90	8.45	8.16	6.26	5.69	3.74	3.22	2.91	2.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	-4.75	-15.68	-23.44	-31.71	-28.61	-15.97	-5.71	-2.41	-2.75	0.00
NYPA____HELLGATE_GT2 24159	39.25	36.26	35.41	32.90	32.76	35.08	38.31	40.36	42.30	44.46	51.08	53.55	61.42	72.77	83.69	93.55	124.81	129.50	110.35	95.50	66.12	52.37	45.58	38.69
	2.50	2.15	1.97	1.80	1.71	1.80	1.72	2.18	2.84	3.18	3.25	3.45	4.02	4.76	5.64	5.90	8.45	8.16	6.26	5.69	3.74	3.22	2.91	2.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	-4.75	-15.68	-23.44	-31.71	-28.61	-15.97	-5.71	-2.41	-2.75	0.00
NYS_BARGE____HYD 23848	35.35	32.47	31.66	29.42	29.53	31.45	35.17	36.61	38.48	39.06	46.74	49.41	55.34	65.78	70.22	70.15	89.61	88.12	74.32	71.04	54.80	46.42	39.07	35.74
	-1.40	-1.64	-1.77	-1.68	-1.52	-1.83	-1.43	-1.57	-0.99	-2.23	-1.10	-0.70	-2.06	-2.24	-3.74	-4.03	-6.69	-5.92	-5.14	-5.02	-2.66	-0.65	-1.24	-0.73
	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	-0.67	-2.21	-3.39	-4.40	-3.97	-2.22	-0.79	-0.34	-0.39	0.00
OAK ORCHARD____HYD 24046	36.45	33.60	32.83	30.44	30.50	32.62	36.27	37.92	39.70	40.79	48.22	51.01	57.70	68.63	73.67	73.29	94.69	92.05	77.57	74.49	57.07	47.66	40.44	36.43
	-0.30	-0.51	-0.60	-0.65	-0.56	-0.67	-0.33	-0.27	0.24	-0.49	0.38	0.90	0.29	0.61	-0.15	-0.43	-1.02	-1.07	-1.06	-1.11	-0.23	0.65	0.20	-0.04
	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	-0.53	-1.75	-2.79	-3.48	-3.14	-1.75	-0.63	-0.27	-0.32	0.00
OAKDALE__35_KV_LOAD 356122	37.19	34.31	33.60	31.22	31.21	33.42	37.04	38.72	40.21	42.19	48.89	51.36	58.50	69.38	76.16	78.49	100.76	101.53	86.14	80.24	59.66	48.81	41.19	36.65
	0.44	0.20	0.17	0.12	0.16	0.13	0.44	0.53	0.75	0.91	1.05	1.25	1.09	1.36	1.25	1.15	0.74	1.25	1.06	1.03	1.08	1.26	0.44	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	-1.63	-5.37	-7.10	-10.64	-9.60	-5.36	-1.92	-0.81	-0.83	0.00
OCC_CHEM____DRP 24175	35.31	31.92	31.13	28.92	29.04	30.92	35.06	35.93	37.69	39.72	45.88	48.50	54.14	64.42	68.78	68.70	88.02	86.37	72.55	69.41	53.63	45.54	37.81	33.33
	-1.43	-2.18	-2.31	-2.18	-2.02	-2.36	-1.54	-2.25	-1.78	-1.57	-1.96	-1.60	-3.27	-3.61	-5.20	-5.54	-8.36	-7.80	-7.02	-6.72	-3.85	-1.54	-2.51	-3.14
	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	-0.69	-2.28	-3.47	-4.53	-4.09	-2.28	-0.82	-0.35	-0.41	0.00
OH_GEN_PROXY 24063	35.13	32.33	31.53	29.29	29.41	31.35	34.99	36.46	38.16	38.77	46.14	49.27	55.00	65.44	69.94	69.97	89.57	87.92	74.16	70.20	55.05	46.14	39.30	35.06
	-1.62	-1.78	-1.90	-1.80	-1.65	-1.93	-1.61	-1.72	-1.30	-2.52	-1.48	-1.05	-2.41	-2.58	-4.03	-4.25	-6.78	-6.18	-5.36	-5.32	-3.01	-0.93	-1.36	-1.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	-0.22	0.00	0.00	-0.68	-2.25	-3.43	-4.47	-4.04	-1.67	-1.39	-0.34	-0.74	0.35
OLIN_CORP_DRP 24177	35.61	32.20	31.39	29.17	29.28	31.19	35.36	36.23	38.04	40.09	46.31	48.95	54.71	65.03	69.44	69.45	88.80	87.32	73.43	70.25	54.21	45.92	38.05	33.62
	-1.14	-1.91	-2.04	-1.93	-1.77	-2.10	-1.24	-1.95	-1.42	-1.20	-1.53	-1.15	-2.70	-2.99	-4.54	-4.82	-7.62	-6.90	-6.19	-5.91	-3.29	-1.17	-2.28	-2.84
	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	-0.70	-2.30	-3.51	-4.59	-4.14	-2.31	-0.83	-0.35	-0.41	0.00
OLIN_CORP_DSASP 323712	34.69	31.92	31.13	28.92	29.04	30.92	34.55	35.93	37.69	38.19	45.78	48.40	54.14	64.42	68.78	68.71	87.93	86.37	72.78	69.48	53.63	45.54	38.44	34.94
	-2.06	-2.18	-2.31	-2.18	-2.02	-2.36	-2.05	-2.25	-1.78	-3.10	-2.06	-1.70	-3.27	-3.61	-5.20	-5.54	-8.45	-7.80	-6.79	-6.65	-3.86	-1.54	-1.88	-1.53
	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	-0.69	-2.28	-3.47	-4.53	-4.09	-2.28	-0.82	-0.35	-0.40	0.00
ONEIDA_HERK_LFGE 323681	37.44	34.69	34.00	31.57	31.58	33.88	37.33	38.98	40.45	42.32	49.17	51.76	59.01	70.06	75.42	73.98	96.05	91.97	77.83	76.06	58.36	47.95	40.85	37.24
	0.70	0.58	0.57	0.47	0.53	0.60	0.73	0.80	0.99	1.03	1.34	1.65	1.61	2.04	2.13	2.01	2.32	2.33	2.34	2.21	1.70	1.21	0.84	0.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.81	-0.01	0.00	0.00	0.00	0.00	-0.09	0.00

ONEIDA___115KV_TB4 55905	37.85 1.10 0.00	35.03 0.92 0.00	34.34 0.90 0.00	31.88 0.78 0.00	31.86 0.81 0.00	34.18 0.90 0.00	37.73 1.13 0.00	39.40 1.22 0.00	40.96 1.50 0.00	42.98 1.69 0.00	49.80 1.96 0.00	52.41 2.30 0.00	59.82 2.41 0.00	71.08 3.06 0.00	76.37 3.08 0.00	74.92 2.95 0.00	97.84 3.53 -1.39	93.05 3.41 -0.01	78.58 3.09 0.00	76.80 2.95 0.00	58.99 2.32 0.00	48.56 1.82 0.00	41.24 1.16 -0.16	37.45 0.98 0.00
ONONDAGA_REF_OCCRA 23987	36.78 0.04 0.00	34.00 -0.10 0.00	33.30 -0.13 0.00	30.94 -0.16 0.00	30.93 -0.12 0.00	33.15 -0.13 0.00	36.67 0.07 0.00	38.33 0.15 0.00	39.82 0.36 0.00	41.82 0.54 0.00	48.46 0.62 0.00	50.91 0.80 0.00	58.16 0.75 0.00	69.04 1.02 0.00	74.56 0.81 -0.46	74.21 0.72 -1.52	96.05 0.65 -2.49	93.46 0.81 -3.02	78.81 0.60 -2.72	75.95 0.59 -1.52	57.78 0.57 -0.54	47.62 0.65 -0.23	40.37 0.16 -0.29	36.40 -0.07 0.00
ONONDAGA___COGEN 23986	36.75 0.00 0.00	33.97 -0.14 0.00	33.30 -0.13 0.00	30.91 -0.19 0.00	30.90 -0.16 0.00	33.08 -0.20 0.00	36.64 0.04 0.00	38.26 0.08 0.00	39.74 0.28 0.00	41.74 0.45 0.00	48.41 0.57 0.00	50.86 0.75 0.00	58.10 0.69 0.00	68.97 0.95 0.00	74.02 0.73 0.00	72.62 0.65 0.00	95.76 0.56 -2.29	90.28 0.63 -0.02	75.94 0.45 0.00	74.29 0.44 0.00	57.18 0.51 0.00	47.30 0.56 0.00	40.35 0.16 -0.27	36.54 0.07 0.00
ONTARIO___LFGE 23819	37.08 0.33 0.00	34.21 0.10 0.00	33.43 0.00 0.00	31.04 -0.06 0.00	31.08 0.03 0.00	33.28 0.00 0.00	36.86 0.26 0.00	38.56 0.38 0.00	40.33 0.87 0.00	41.82 0.54 0.00	49.17 1.34 0.00	51.81 1.70 0.00	58.90 1.49 0.00	70.06 2.04 0.00	75.55 1.61 -0.65	75.47 1.36 -2.14	97.31 1.12 -3.27	95.58 1.70 -4.25	80.67 1.36 -3.83	77.16 1.18 -2.14	58.74 1.30 -0.77	48.56 1.50 -0.32	41.13 0.84 -0.37	37.09 0.62 0.00
ORANGEVILLE_WT_PWR 323706	36.12 -0.62 0.00	33.19 -0.92 0.00	32.33 -1.10 0.00	30.04 -1.06 0.00	30.15 -0.90 0.00	32.15 -1.13 0.00	35.87 -0.73 0.00	37.46 -0.73 0.00	39.35 -0.12 0.00	40.21 -1.07 0.00	47.79 -0.05 0.00	50.51 0.40 0.00	56.78 -0.63 0.00	67.48 -0.55 0.00	72.53 -1.61 -0.85	73.05 -1.73 -2.81	92.98 -4.09 -4.15	92.45 -2.78 -5.59	78.04 -2.49 -5.05	74.23 -2.44 -2.82	56.71 -0.96 -1.01	47.68 0.52 -0.43	39.92 -0.48 -0.47	36.36 -0.11 0.00
ORANGEVILLE___ESR 323794	36.12 -0.62 0.00	33.19 -0.92 0.00	32.33 -1.10 0.00	30.04 -1.06 0.00	30.15 -0.90 0.00	32.15 -1.13 0.00	35.87 -0.73 0.00	37.46 -0.73 0.00	39.35 -0.12 0.00	40.21 -1.07 0.00	47.79 -0.05 0.00	50.51 0.40 0.00	56.78 -0.63 0.00	67.48 -0.55 0.00	72.53 -1.61 -0.85	73.05 -1.73 -2.81	92.98 -4.09 -4.15	92.45 -2.78 -5.59	78.04 -2.49 -5.05	74.23 -2.44 -2.82	56.71 -0.96 -1.01	47.68 0.52 -0.43	39.92 -0.48 -0.47	36.36 -0.11 0.00
OSWEGATCHIE___HYD 24044	36.09 -0.66 0.00	33.39 -0.72 0.00	32.76 -0.67 0.00	30.44 -0.65 0.00	30.43 -0.62 0.00	32.65 -0.63 0.00	36.01 -0.59 0.00	37.50 -0.69 0.00	38.63 -0.83 0.00	40.42 -0.87 0.00	46.12 -1.72 0.00	48.45 -1.65 0.00	55.40 -2.01 0.00	65.78 -2.24 0.00	70.87 -2.42 0.00	69.45 -2.52 0.00	90.86 -2.70 -0.64	86.68 -2.96 0.00	73.75 -1.73 0.00	72.22 -1.62 0.00	55.31 -1.36 0.00	45.20 -1.54 0.00	39.15 -0.84 -0.07	35.96 -0.51 0.00
OSWEGO___5 23606	36.23 -0.51 0.00	33.60 -0.51 0.00	32.90 -0.54 0.00	30.60 -0.50 0.00	30.56 -0.50 0.00	32.75 -0.53 0.00	36.09 -0.51 0.00	37.73 -0.46 0.00	39.19 -0.27 0.00	40.83 -0.45 0.00	47.55 -0.29 0.00	49.96 -0.15 0.00	57.07 -0.34 0.00	67.68 -0.34 0.00	72.78 -0.51 0.00	71.32 -0.65 0.00	93.64 -0.93 -1.65	88.84 -0.81 -0.01	74.73 -0.75 0.00	73.11 -0.74 0.00	56.21 -0.46 0.00	46.51 -0.23 0.00	39.79 -0.32 -0.19	36.07 -0.40 0.00
OSWEGO___6 23613	36.23 -0.51 0.00	33.60 -0.51 0.00	32.90 -0.54 0.00	30.60 -0.50 0.00	30.56 -0.50 0.00	32.75 -0.53 0.00	36.09 -0.51 0.00	37.73 -0.46 0.00	39.19 -0.27 0.00	40.83 -0.45 0.00	47.55 -0.29 0.00	49.96 -0.15 0.00	57.07 -0.34 0.00	67.68 -0.34 0.00	72.78 -0.51 0.00	71.32 -0.65 0.00	93.64 -0.93 -1.65	88.84 -0.81 -0.01	74.73 -0.75 0.00	73.11 -0.74 0.00	56.21 -0.46 0.00	46.51 -0.23 0.00	39.79 -0.32 -0.19	36.07 -0.40 0.00
OUTOKUMPU-AB___DRP 24206	36.23 -0.51 0.00	32.74 -1.36 0.00	31.93 -1.50 0.00	29.64 -1.46 0.00	29.75 -1.30 0.00	31.69 -1.60 0.00	35.94 -0.66 0.00	36.92 -1.26 0.00	38.79 -0.67 0.00	40.91 -0.37 0.00	47.31 -0.53 0.00	49.96 -0.15 0.00	55.63 -1.78 0.00	66.19 -1.84 0.00	70.70 -3.30 -0.71	70.70 -3.60 -2.33	90.13 -6.32 -3.54	88.80 -5.47 -4.64	74.68 -4.98 -4.18	71.45 -4.73 -2.33	55.12 -2.38 -0.84	46.81 -0.28 -0.35	38.66 -1.68 -0.41	34.24 -2.22 0.00
OXBOW___ 24026	35.28 -1.47 0.00	32.40 -1.70 0.00	31.59 -1.84 0.00	29.33 -1.77 0.00	29.44 -1.62 0.00	31.39 -1.90 0.00	35.06 -1.54 0.00	36.54 -1.64 0.00	38.36 -1.10 0.00	38.89 -2.40 0.00	46.64 -1.19 0.00	49.26 -0.85 0.00	55.05 -2.36 0.00	65.51 -2.52 0.00	69.96 -4.03 -0.70	69.88 -4.39 -2.30	89.27 -7.15 -3.51	87.86 -6.36 -4.58	74.04 -5.58 -4.14	70.69 -5.46 -2.31	54.49 -3.01 -0.83	46.29 -0.79 -0.35	38.96 -1.36 -0.40	35.49 -0.98 0.00
OXY_CHEM_DSASP 323612	35.31 -1.43 0.00	31.92 -2.18 0.00	31.13 -2.31 0.00	28.92 -2.18 0.00	29.04 -2.02 0.00	30.92 -2.36 0.00	35.06 -1.54 0.00	35.93 -2.25 0.00	37.69 -1.78 0.00	39.72 -1.57 0.00	45.88 -1.96 0.00	48.50 -1.60 0.00	54.14 -3.27 0.00	64.42 -3.61 0.00	68.78 -5.20 -0.69	68.70 -5.54 -2.28	88.02 -8.36 -3.47	86.37 -7.80 -4.53	72.55 -7.02 -4.09	69.41 -6.72 -2.28	53.63 -3.85 -0.82	45.54 -1.54 -0.35	37.81 -2.51 -0.41	33.33 -3.14 0.00
OZONE_PARK_ESR 323760	39.21 2.46 0.00	36.56 2.46 0.00	35.64 2.21 0.00	33.15 2.05 0.00	33.04 1.99 0.00	35.48 2.20 0.00	38.87 2.27 0.00	41.43 3.25 0.00	43.06 3.59 0.00	45.17 3.88 0.00	52.29 4.45 0.00	54.37 4.26 0.00	62.52 5.11 0.00	74.08 6.05 0.00	85.01 6.96 -4.76	95.00 7.34 -15.69	126.77 10.41 -23.45	131.39 10.04 -31.72	112.03 7.93 -28.62	96.99 7.16 -15.98	67.15 4.76 -5.72	53.23 4.07 -2.42	46.41 3.75 -2.74	39.42 2.95 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	35.31 -1.43 0.00	31.92 -2.18 0.00	31.13 -2.31 0.00	28.92 -2.18 0.00	29.04 -2.02 0.00	30.92 -2.36 0.00	35.06 -1.54 0.00	35.93 -2.25 0.00	37.69 -1.78 0.00	39.72 -1.57 0.00	45.88 -1.96 0.00	48.50 -1.60 0.00	54.14 -3.27 0.00	64.42 -3.61 0.00	68.78 -5.20 -0.69	68.70 -5.54 -2.28	88.02 -8.36 -3.47	86.37 -7.80 -4.53	72.55 -7.02 -4.09	69.41 -6.72 -2.28	53.63 -3.85 -0.82	45.54 -1.54 -0.35	37.81 -2.51 -0.41	33.33 -3.14 0.00
PACKARD___115KV_DUPONT_184 80571	35.31 -1.43 0.00	31.92 -2.18 0.00	31.13 -2.31 0.00	28.92 -2.18 0.00	29.04 -2.02 0.00	30.92 -2.36 0.00	35.06 -1.54 0.00	35.93 -2.25 0.00	37.69 -1.78 0.00	39.72 -1.57 0.00	45.88 -1.96 0.00	48.50 -1.60 0.00	54.14 -3.27 0.00	64.42 -3.61 0.00	68.78 -5.20 -0.69	68.70 -5.54 -2.28	88.02 -8.36 -3.47	86.37 -7.80 -4.53	72.55 -7.02 -4.09	69.41 -6.72 -2.28	53.63 -3.85 -0.82	45.54 -1.54 -0.35	37.81 -2.51 -0.41	33.33 -3.14 0.00

PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	39.02 2.28 0.00	36.29 2.18 0.00	35.41 1.97 0.00	32.93 1.83 0.00	32.79 1.74 0.00	35.15 1.86 0.00	38.25 1.65 0.00	40.89 2.71 0.00	42.35 2.88 0.00	44.34 3.06 0.00	51.13 3.30 0.01	53.51 3.41 0.01	61.48 4.08 0.01	72.84 4.83 0.01	83.76 5.72 -4.75	93.69 6.05 -15.68	124.91 8.55 -23.44	129.59 8.25 -31.71	110.51 6.42 -28.61	95.65 5.83 -15.97	66.23 3.85 -5.71	52.42 3.27 -2.41	45.61 2.95 -2.74	39.13 2.66 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	39.47 2.72 0.00	36.70 2.59 0.00	35.81 2.37 0.00	33.28 2.18 0.00	33.17 2.11 0.00	35.51 2.23 0.00	38.69 2.09 0.00	41.35 3.17 0.00	42.78 3.32 0.00	44.79 3.51 0.00	51.61 3.78 0.01	53.96 3.86 0.01	62.05 4.65 0.01	73.59 5.58 0.01	84.42 6.38 -4.75	94.48 6.84 -15.68	126.02 9.66 -23.44	130.49 9.14 -31.71	111.34 7.25 -28.61	96.39 6.57 -15.97	66.85 4.48 -5.71	52.98 3.83 -2.41	46.13 3.47 -2.74	39.53 3.06 0.00
PATROON__115KV_TB1 80586	37.77 1.03 0.00	35.20 1.09 0.00	34.47 1.04 0.00	32.09 1.00 0.00	31.99 0.93 0.00	34.35 1.07 0.00	37.48 0.88 0.00	39.52 1.34 0.00	40.92 1.46 0.00	42.85 1.57 0.00	49.70 1.87 0.00	51.86 1.75 0.00	59.53 2.12 0.00	70.54 2.52 0.00	87.84 2.86 -11.69	113.28 2.81 -38.51	127.12 3.72 -30.49	170.67 3.50 -77.54	148.50 2.87 -70.15	115.82 2.81 -39.17	72.78 2.10 -14.02	54.59 1.92 -5.94	45.08 1.60 -3.56	37.75 1.28 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	36.67 -0.07 0.00	33.19 -0.92 0.00	32.33 -1.10 0.00	30.01 -1.09 0.00	30.12 -0.93 0.00	32.15 -1.13 0.00	36.34 -0.26 0.00	37.46 -0.73 0.00	39.39 -0.08 0.00	41.49 0.21 0.00	48.03 0.19 0.00	50.71 0.60 0.00	56.78 -0.63 0.00	67.55 -0.48 0.00	72.31 -1.76 -0.78	72.67 -1.87 -2.58	90.54 -6.23 -3.85	90.91 -3.85 -5.13	77.09 -3.02 -4.63	73.55 -2.88 -2.58	56.40 -1.19 -0.92	47.55 0.42 -0.39	38.41 -1.96 -0.45	34.94 -1.53 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	39.24 2.50 0.00	36.49 2.39 0.00	35.61 2.17 0.00	33.18 2.08 0.00	32.98 1.93 0.00	35.41 2.13 0.00	38.91 2.31 0.00	41.31 3.13 0.00	42.90 3.43 0.00	45.04 3.76 0.00	52.43 4.59 0.00	54.62 4.51 0.00	62.92 5.51 0.00	74.55 6.53 0.00	85.75 7.55 -4.92	95.72 7.56 -16.20	126.83 9.94 -23.97	132.14 9.77 -32.73	112.79 7.77 -29.53	97.42 7.09 -16.49	67.56 4.99 -5.90	53.40 4.16 -2.50	46.17 3.47 -2.78	39.20 2.74 0.00
PEEKSKILL____ 23653	38.69 1.95 0.00	35.88 1.77 0.00	35.04 1.60 0.00	32.59 1.49 0.00	32.48 1.43 0.00	34.88 1.60 0.00	38.32 1.72 0.00	40.28 2.10 0.00	42.11 2.64 0.00	44.30 3.01 0.00	51.18 3.35 0.00	53.36 3.26 0.00	61.26 3.85 0.00	72.51 4.49 0.00	83.33 5.35 -4.70	93.06 5.62 -15.47	123.85 7.81 -23.13	128.53 7.61 -31.28	109.60 5.89 -28.22	94.92 5.32 -15.76	65.94 3.63 -5.64	52.26 3.13 -2.39	45.50 2.88 -2.71	38.51 2.04 0.00
PGE MADISON__WINDPWR 24146	40.24 3.49 0.00	37.07 2.97 0.00	36.34 2.91 0.00	33.59 2.49 0.00	33.66 2.61 0.00	36.11 2.83 0.00	40.11 3.51 0.00	41.93 3.74 0.00	43.69 4.22 0.00	45.58 4.29 0.00	53.10 5.26 0.00	56.37 6.26 0.00	63.84 6.43 0.00	76.18 8.16 0.00	83.63 8.35 -1.99	86.93 8.42 -6.54	110.48 10.13 -7.43	112.98 10.93 -12.42	96.75 10.04 -11.22	89.86 9.75 -6.27	66.39 7.48 -2.24	53.62 5.94 -0.95	44.79 4.11 -0.75	40.15 3.68 0.00
PIERCEFIELD__HYD 23852	35.24 -1.51 0.00	32.67 -1.43 0.00	32.06 -1.37 0.00	29.82 -1.28 0.00	29.81 -1.24 0.00	31.95 -1.33 0.00	35.17 -1.43 0.00	36.35 -1.83 0.00	37.41 -2.05 0.00	38.31 -2.97 0.00	44.39 -3.44 0.00	46.60 -3.51 0.00	53.56 -3.85 0.00	63.47 -4.56 0.00	68.52 -4.76 0.00	67.07 -4.89 0.00	87.16 -5.76 0.00	83.27 -6.36 0.00	70.95 -4.53 0.00	69.49 -4.36 0.00	53.21 -3.46 0.00	43.33 -3.41 0.00	38.16 -1.76 0.00	35.45 -1.02 0.00
PINELAWN_CC_1 323563	44.23 3.27 -4.22	42.22 3.00 -5.11	42.06 2.81 -5.82	37.28 2.64 -3.54	35.07 2.61 -1.41	36.93 2.83 -0.82	39.46 2.86 -0.01	41.88 3.17 -0.53	43.24 3.47 -0.30	45.97 3.84 -0.84	56.92 3.45 -5.63	56.75 3.45 -3.19	67.25 4.42 -5.42	88.75 5.24 -15.49	101.54 6.97 -21.29	106.11 7.06 -27.09	136.14 9.75 -33.47	140.26 9.50 -41.13	123.08 6.94 -40.65	107.11 6.57 -26.69	85.75 4.87 -24.21	58.62 3.93 -7.95	50.91 3.95 -7.04	43.27 3.06 -3.74
PJM_GEN_HTP_PROXY 323702	38.95 2.20 0.00	36.15 2.05 0.00	35.27 1.84 0.00	32.81 1.71 0.00	32.70 1.64 0.00	35.11 1.83 0.00	38.61 2.01 0.00	40.59 2.41 0.00	42.50 3.04 0.00	44.75 3.47 0.00	51.45 3.83 0.22	53.98 3.66 -0.22	61.72 4.31 0.00	73.13 5.10 0.00	84.06 6.01 -4.76	93.99 6.33 -15.69	125.29 8.92 -23.45	129.96 8.61 -31.72	110.74 6.64 -28.62	95.30 6.06 -15.39	66.93 3.97 -6.30	52.62 3.46 -2.42	45.94 3.27 -2.75	38.80 2.34 0.00
PJM_GEN_KEystone 24065	36.98 0.33 0.09	34.24 0.14 0.00	33.40 -0.03 0.00	31.07 -0.03 0.00	31.05 0.00 0.00	33.25 -0.03 0.00	36.68 0.18 0.10	38.32 0.34 0.21	40.00 0.87 0.34	41.49 0.66 0.45	46.50 1.15 2.48	50.63 1.25 0.73	56.97 1.03 1.48	67.19 1.36 2.19	74.56 1.24 -0.03	79.28 1.36 -5.95	105.16 1.12 -11.12	107.44 1.70 -16.10	89.43 1.13 -12.82	80.11 0.89 -5.37	59.70 0.79 -2.24	48.67 1.31 -0.63	41.99 0.80 -1.27	36.98 0.58 0.07
PJM_GEN_NEPTUNE_PROXY 323594	42.62 2.53 -3.34	41.60 2.39 -5.10	41.23 2.17 -5.63	36.69 2.05 -3.54	34.48 2.02 -1.41	36.30 2.20 -0.82	39.02 2.41 -0.01	41.09 2.83 -0.09	42.70 3.24 0.00	44.88 3.59 0.00	50.87 3.25 0.22	53.58 3.26 -0.22	61.48 4.08 0.00	72.65 4.63 0.00	84.21 6.16 -4.76	94.01 6.33 -15.71	125.21 8.83 -23.46	129.98 8.61 -31.74	110.37 6.26 -28.63	95.16 5.91 -15.40	67.28 4.30 -6.31	52.71 3.55 -2.42	46.26 3.59 -2.75	40.61 2.59 -1.55
PJM_GEN_VFT_PROXY 323633	37.36 1.95 1.33	35.95 1.84 0.00	35.07 1.64 0.00	32.62 1.52 0.00	32.51 1.46 0.00	34.91 1.63 0.00	36.92 1.76 1.44	37.35 2.14 2.97	37.43 2.76 4.80	38.04 3.22 6.47	39.54 3.49 11.79	40.07 3.31 13.34	40.22 3.91 21.10	41.32 4.63 31.33	42.63 5.50 36.16	42.50 5.90 35.37	80.78 8.37 20.50	84.91 8.07 12.79	45.59 6.11 36.01	41.55 5.54 37.84	40.72 3.57 19.52	40.27 3.08 9.55	40.10 3.00 2.81	37.56 2.08 0.99
PLATSBRG_115KV_PMLD1 355749	36.42 -0.33 0.00	34.00 -0.10 0.00	33.37 -0.07 0.00	31.10 0.00 0.00	31.05 0.00 0.00	33.25 -0.03 0.00	36.45 -0.15 0.00	37.65 -0.53 0.00	38.75 -0.71 0.00	40.29 -0.99 0.00	46.74 -1.10 0.00	48.90 -1.20 0.00	56.32 -1.09 0.00	66.66 -1.36 0.00	71.82 -1.47 0.00	70.24 -1.73 0.00	90.41 -2.51 0.00	87.03 -2.60 0.00	74.05 -1.43 0.00	72.59 -1.26 0.00	55.59 -1.08 0.00	45.34 -1.40 0.00	39.00 -0.92 0.00	36.32 -0.15 0.00
PLEASANTVLY__LBMP 24000	38.29 1.54 0.00	35.68 1.57 0.00	34.87 1.44 0.00	32.47 1.37 0.00	32.36 1.30 0.00	34.71 1.43 0.00	38.03 1.43 0.00	40.32 2.14 0.00	41.79 2.33 0.00	43.76 2.48 0.00	50.71 2.87 0.00	52.86 2.76 0.00	60.68 3.27 0.00	71.83 3.81 0.00	82.95 4.62 -5.04	93.32 4.75 -16.60	124.21 6.50 -24.79	129.56 6.36 -33.56	110.74 4.98 -30.28	95.33 4.58 -16.90	65.83 3.12 -6.05	52.06 2.76 -2.56	45.29 2.48 -2.89	38.40 1.93 0.00

PLSNTVLE_13_KV_13.8KVDIST 80602	38.73 1.98 0.00	36.09 1.98 0.00	35.24 1.81 0.00	32.78 1.68 0.00	32.67 1.61 0.00	35.08 1.80 0.00	38.43 1.83 0.00	40.85 2.67 0.00	42.38 2.92 0.00	44.42 3.14 0.00	51.47 3.64 0.00	53.66 3.56 0.00	61.66 4.25 0.00	73.06 5.03 0.00	83.96 5.86 -4.81	93.92 6.12 -15.84	125.06 8.46 -23.69	129.90 8.25 -32.02	110.87 6.49 -28.89	95.81 5.83 -16.13	66.41 3.97 -5.78	52.64 3.46 -2.45	45.80 3.11 -2.76	38.91 2.44 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	38.73 1.98 0.00	36.09 1.98 0.00	35.24 1.81 0.00	32.78 1.68 0.00	32.67 1.61 0.00	35.08 1.80 0.00	38.43 1.83 0.00	40.85 2.67 0.00	42.38 2.92 0.00	44.42 3.14 0.00	51.47 3.64 0.00	53.66 3.56 0.00	61.66 4.25 0.00	73.06 5.03 0.00	83.96 5.86 -4.81	93.92 6.12 -15.84	125.06 8.46 -23.69	129.90 8.25 -32.02	110.87 6.49 -28.89	95.81 5.83 -16.13	66.41 3.97 -5.78	52.64 3.46 -2.45	45.80 3.11 -2.76	38.91 2.44 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	38.84 2.09 0.00	36.15 2.05 0.00	35.27 1.84 0.00	32.84 1.74 0.00	32.73 1.68 0.00	35.11 1.83 0.00	38.47 1.87 0.00	40.78 2.60 0.00	42.27 2.80 0.00	44.34 3.06 0.00	51.42 3.59 0.00	53.61 3.51 0.00	61.71 4.31 0.00	73.12 5.10 0.00	84.37 6.01 -5.07	94.80 6.12 -16.71	124.76 7.62 -24.23	130.83 7.44 -33.76	111.83 5.89 -30.46	96.32 5.46 -17.01	66.55 3.80 -6.09	52.54 3.22 -2.58	45.57 2.83 -2.82	38.69 2.22 0.00
POLETTI____ 23519	38.73 1.98 0.00	36.15 2.05 0.00	35.27 1.84 0.00	32.81 1.71 0.00	32.70 1.65 0.00	35.11 1.83 0.00	38.43 1.83 0.00	40.93 2.75 0.00	42.50 3.04 0.00	44.55 3.26 0.00	51.57 3.73 0.00	53.66 3.56 0.00	61.66 4.25 0.00	73.06 5.03 0.00	83.91 5.86 -4.76	93.92 6.26 -15.69	125.19 8.83 -23.45	129.87 8.52 -31.72	110.74 6.64 -28.62	95.80 5.98 -15.98	66.24 3.85 -5.72	52.53 3.37 -2.42	45.85 3.19 -2.74	38.98 2.52 0.00
POMONA____ESR 323819	38.55 1.80 0.00	35.74 1.64 0.00	34.87 1.44 0.00	32.47 1.37 0.00	32.36 1.30 0.00	34.75 1.46 0.00	38.17 1.57 0.00	40.13 1.95 0.00	41.91 2.45 0.00	44.13 2.85 0.00	50.94 3.11 0.00	53.11 3.01 0.00	61.03 3.62 0.00	72.24 4.22 0.00	82.88 5.05 -4.53	92.23 5.33 -14.93	122.61 7.34 -22.35	127.02 7.17 -30.21	108.25 5.51 -27.25	94.09 5.02 -15.22	65.51 3.40 -5.45	51.99 2.95 -2.31	45.25 2.72 -2.62	38.36 1.90 0.00
PORT_JEFF_3 23555	47.79 3.27 -7.77	42.40 3.14 -5.16	44.16 2.94 -7.78	37.45 2.80 -3.55	35.22 2.76 -1.41	37.10 3.00 -0.82	39.95 3.33 -0.02	46.87 3.67 -5.02	48.19 3.95 -4.78	58.68 4.17 -13.23	63.18 3.63 -11.71	103.97 3.66 -50.21	147.14 4.36 -85.37	316.94 4.96 -243.95	344.84 6.52 -265.03	304.23 6.76 -225.50	283.50 9.38 -181.21	309.06 9.15 -210.28	300.16 6.64 -218.04	265.04 6.50 -184.69	358.27 4.87 -296.73	140.26 4.02 -89.50	114.27 3.99 -70.36	48.08 3.14 -8.47
PORT_JEFF_4 23616	47.79 3.27 -7.77	42.40 3.14 -5.16	44.16 2.94 -7.78	37.45 2.80 -3.55	35.22 2.76 -1.41	37.10 3.00 -0.82	39.95 3.33 -0.02	46.87 3.67 -5.02	48.19 3.95 -4.78	58.68 4.17 -13.23	63.18 3.63 -11.71	103.97 3.66 -50.21	147.14 4.36 -85.37	316.94 4.96 -243.95	344.84 6.52 -265.03	304.23 6.76 -225.50	283.50 9.38 -181.21	309.06 9.15 -210.28	300.16 6.64 -218.04	265.04 6.50 -184.69	358.27 4.87 -296.73	140.26 4.02 -89.50	114.27 3.99 -70.36	48.08 3.14 -8.47
PORT_JEFF_IC 23713	48.30 3.42 -8.14	42.55 3.27 -5.17	44.63 3.07 -8.12	37.57 2.92 -3.55	35.32 2.86 -1.41	37.20 3.10 -0.82	40.06 3.44 -0.02	47.79 3.82 -5.79	49.17 4.18 -5.53	60.99 4.42 -15.29	62.36 3.68 -10.84	111.89 3.76 -58.02	160.60 4.53 -98.65	355.16 5.24 -281.90	385.62 6.82 -305.51	352.26 7.13 -273.16	308.41 9.75 -205.74	352.21 9.50 -253.08	329.92 6.94 -247.50	286.60 6.79 -205.97	398.73 5.04 -337.03	148.97 4.16 -98.08	124.87 4.07 -80.88	48.38 3.32 -8.59
PPL PILGRIM_ST_GT1 24216	49.01 3.49 -8.78	42.43 3.21 -5.11	42.49 2.94 -6.11	37.53 2.89 -3.54	35.29 2.83 -1.41	37.16 3.06 -0.82	40.01 3.40 -0.01	43.05 3.67 -1.20	44.39 3.95 -0.97	48.32 4.33 -2.70	91.68 4.06 -39.78	64.15 3.81 -10.24	79.64 4.82 -17.41	123.35 5.58 -49.75	138.39 7.26 -57.84	131.79 7.55 -52.27	158.95 10.40 -55.63	161.68 10.13 -61.93	150.14 7.40 -67.25	131.48 7.24 -50.39	127.18 5.44 -65.08	71.27 4.35 -20.18	60.49 4.03 -16.54	56.37 3.61 -16.29
PPL PILGRIM_ST_GT2 24217	49.01 3.49 -8.78	42.43 3.21 -5.11	42.49 2.94 -6.11	37.53 2.89 -3.54	35.29 2.83 -1.41	37.16 3.06 -0.82	40.01 3.40 -0.01	43.05 3.67 -1.20	44.39 3.95 -0.97	48.32 4.33 -2.70	91.68 4.06 -39.78	64.15 3.81 -10.24	79.64 4.82 -17.41	123.35 5.58 -49.75	138.39 7.26 -57.84	131.79 7.55 -52.27	158.95 10.40 -55.63	161.68 10.13 -61.93	150.14 7.40 -67.25	131.48 7.24 -50.39	127.18 5.44 -65.08	71.27 4.35 -20.18	60.49 4.03 -16.54	56.37 3.61 -16.29
PPL_SHRM_GT3 24213	48.48 3.89 -7.84	42.88 3.61 -5.16	44.67 3.41 -7.83	37.85 3.20 -3.55	35.63 3.17 -1.41	37.53 3.43 -0.82	40.42 3.81 -0.02	47.51 4.20 -5.13	48.92 4.58 -4.88	59.70 4.91 -13.51	64.22 4.64 -11.74	105.93 4.56 -51.27	150.26 5.68 -87.17	323.22 6.12 -249.07	351.40 7.62 -270.49	312.11 7.27 -232.88	287.38 9.95 -184.52	316.31 9.68 -217.00	305.34 7.85 -222.01	287.38 7.91 -205.63	383.36 6.46 -320.23	160.88 5.42 -108.72	116.69 4.99 -71.78	48.99 3.98 -8.55
PPL_SHRM_GT4 24214	48.48 3.89 -7.84	42.88 3.61 -5.16	44.67 3.41 -7.83	37.85 3.20 -3.55	35.63 3.17 -1.41	37.53 3.43 -0.82	40.42 3.81 -0.02	47.51 4.20 -5.13	48.92 4.58 -4.88	59.70 4.91 -13.51	64.22 4.64 -11.74	105.93 4.56 -51.27	150.26 5.68 -87.17	323.22 6.12 -249.07	351.40 7.62 -270.49	312.11 7.27 -232.88	287.38 9.95 -184.52	316.31 9.68 -217.00	305.34 7.85 -222.01	287.38 7.91 -205.63	383.36 6.46 -320.23	160.88 5.42 -108.72	116.69 4.99 -71.78	48.99 3.98 -8.55
PROJECT____ORANGE 1 24174	36.71 -0.04 0.00	33.94 -0.17 0.00	33.23 -0.20 0.00	30.88 -0.22 0.00	30.87 -0.19 0.00	33.05 -0.23 0.00	36.60 0.00 0.00	38.22 0.04 0.00	39.70 0.24 0.00	41.70 0.41 0.00	48.32 0.48 0.00	50.76 0.65 0.00	57.98 0.57 0.00	68.84 0.82 0.00	73.95 0.66 0.00	72.47 0.50 0.00	95.44 0.46 -2.06	90.19 0.54 -0.02	75.79 0.30 0.00	74.14 0.30 0.00	57.06 0.40 0.00	47.25 0.51 0.00	40.24 0.08 -0.24	36.25 -0.22 0.00
PROJECT____ORANGE 2 24166	36.71 -0.04 0.00	33.94 -0.17 0.00	33.23 -0.20 0.00	30.88 -0.22 0.00	30.87 -0.19 0.00	33.05 -0.23 0.00	36.60 0.00 0.00	38.22 0.04 0.00	39.70 0.24 0.00	41.70 0.41 0.00	48.32 0.48 0.00	50.76 0.65 0.00	57.98 0.57 0.00	68.84 0.82 0.00	73.95 0.66 0.00	72.47 0.50 0.00	95.44 0.46 -2.06	90.19 0.54 -0.02	75.79 0.30 0.00	74.14 0.30 0.00	57.06 0.40 0.00	47.25 0.51 0.00	40.24 0.08 -0.24	36.25 -0.22 0.00
PUCKETT____SOLAR 323809	37.89 1.14 0.00	35.03 0.92 0.00	34.30 0.87 0.00	31.84 0.75 0.00	31.86 0.81 0.00	34.15 0.86 0.00	37.77 1.17 0.00	39.48 1.30 0.00	41.00 1.54 0.00	42.61 1.32 0.00	49.65 1.82 0.00	52.21 2.10 0.00	59.42 2.01 0.00	70.61 2.58 0.00	77.70 2.56 -1.85	80.73 2.66 -6.09	103.37 2.88 -7.57	105.25 3.76 -11.85	89.51 3.32 -10.71	83.07 3.25 -5.98	61.53 2.72 -2.14	50.12 2.48 -0.91	42.29 1.56 -0.82	37.82 1.35 0.00

PYRITES___HYD 24023	35.94 -0.81 0.00	33.29 -0.82 0.00	32.70 -0.74 0.00	30.41 -0.68 0.00	30.43 -0.62 0.00	32.58 -0.70 0.00	35.90 -0.70 0.00	37.11 -1.07 0.00	38.20 -1.26 0.00	39.14 -2.15 0.00	45.40 -2.44 0.00	47.75 -2.36 0.00	54.83 -2.58 0.00	65.03 -2.99 0.00	70.14 -3.15 0.00	68.66 -3.31 0.00	89.11 -3.81 0.00	85.15 -4.48 0.00	72.69 -2.79 0.00	71.19 -2.66 0.00	54.51 -2.15 0.00	44.31 -2.43 0.00	38.84 -1.08 0.00	36.07 -0.40 0.00
QUAKERRD_115KV_BK1 80622	35.97 -0.77 0.00	32.88 -1.23 0.00	32.16 -1.27 0.00	29.82 -1.28 0.00	29.87 -1.18 0.00	31.95 -1.33 0.00	35.72 -0.88 0.00	37.11 -1.07 0.00	38.79 -0.67 0.00	40.79 -0.50 0.00	47.22 -0.62 0.00	49.86 -0.25 0.00	56.49 -0.92 0.00	67.21 -0.82 0.00	72.26 -1.54 -0.51	71.84 -1.80 -1.67	93.00 -2.60 -2.69	90.53 -2.42 -3.32	76.06 -2.42 -2.99	73.16 -2.36 -1.67	55.90 -1.36 -0.60	46.48 -0.51 -0.25	39.16 -1.08 -0.31	34.79 -1.68 0.00
QUENSBRY_115KV_TB8 356137	40.02 3.27 0.00	37.07 2.97 0.00	36.24 2.81 0.00	33.71 2.61 0.00	33.60 2.55 0.00	36.15 2.86 0.00	39.71 3.11 0.00	41.81 3.63 0.00	43.49 4.03 0.00	45.50 4.21 0.00	53.10 5.26 0.00	55.82 5.71 0.00	64.13 6.72 0.00	76.32 8.30 0.00	96.55 7.99 -15.28	130.06 7.77 -50.32	133.38 9.11 -31.36	199.66 8.78 -101.24	174.53 7.40 -91.65	132.40 7.38 -51.17	80.77 5.78 -18.32	59.45 4.95 -7.76	47.49 3.91 -3.66	39.75 3.28 0.00
RAMAPO___LBMP 323565	38.29 1.54 0.00	35.64 1.53 0.00	34.80 1.37 0.00	32.37 1.28 0.00	32.30 1.24 0.00	34.65 1.36 0.00	37.95 1.35 0.00	40.32 2.14 0.00	41.79 2.33 0.00	43.80 2.52 0.00	50.76 2.92 0.00	52.91 2.81 0.00	60.74 3.33 0.00	71.97 3.95 0.00	82.49 4.69 -4.51	91.80 4.97 -14.87	122.01 6.88 -22.22	126.43 6.72 -30.07	107.82 5.21 -27.13	93.72 4.73 -15.15	65.26 3.17 -5.42	51.84 2.80 -2.30	45.03 2.51 -2.60	38.44 1.97 0.00
RANKINE____ 23646	36.60 -0.15 0.00	33.08 -1.02 0.00	32.26 -1.17 0.00	29.95 -1.15 0.00	30.06 -0.99 0.00	32.05 -1.23 0.00	36.27 -0.33 0.00	37.34 -0.84 0.00	39.23 -0.24 0.00	41.37 0.08 0.00	47.84 0.00 0.00	50.56 0.45 0.00	56.55 -0.86 0.00	67.27 -0.75 0.00	71.92 -2.13 -0.76	72.17 -2.30 -2.51	91.39 -5.30 -3.77	90.68 -3.94 -4.99	76.52 -3.47 -4.50	73.04 -3.32 -2.51	56.09 -1.47 -0.90	47.40 0.28 -0.38	38.92 -1.44 -0.44	34.72 -1.75 0.00
RAVENSWOOD_GT2_1 24244	38.84 2.09 0.00	36.22 2.11 0.00	35.31 1.87 0.00	32.87 1.77 0.00	32.73 1.68 0.00	35.15 1.86 0.00	38.50 1.90 0.00	41.01 2.83 0.00	42.54 3.08 0.00	44.63 3.34 0.00	51.62 3.78 0.00	53.72 3.61 0.00	61.71 4.31 0.00	73.12 5.10 0.00	83.99 5.94 -4.76	93.99 6.33 -15.69	125.19 8.83 -23.45	129.96 8.60 -31.72	110.74 6.64 -28.62	95.88 6.06 -15.98	66.35 3.97 -5.72	52.62 3.46 -2.42	45.89 3.23 -2.74	39.02 2.55 0.00
RAVENSWOOD_GT2_2 24245	38.84 2.09 0.00	36.22 2.11 0.00	35.31 1.87 0.00	32.87 1.77 0.00	32.73 1.68 0.00	35.15 1.86 0.00	38.50 1.90 0.00	41.01 2.83 0.00	42.54 3.08 0.00	44.63 3.34 0.00	51.62 3.78 0.00	53.72 3.61 0.00	61.71 4.31 0.00	73.12 5.10 0.00	83.99 5.94 -4.76	93.99 6.33 -15.69	125.19 8.83 -23.45	129.96 8.60 -31.72	110.74 6.64 -28.62	95.88 6.06 -15.98	66.35 3.97 -5.72	52.62 3.46 -2.42	45.89 3.23 -2.74	39.02 2.55 0.00
RAVENSWOOD_GT2_3 24246	38.84 2.09 0.00	36.22 2.11 0.00	35.34 1.91 0.00	32.87 1.77 0.00	32.76 1.71 0.00	35.18 1.90 0.00	38.50 1.90 0.00	41.01 2.83 0.00	42.58 3.12 0.00	44.63 3.34 0.00	51.66 3.83 0.00	53.77 3.66 0.00	61.77 4.36 0.00	73.12 5.10 0.00	84.06 6.01 -4.76	93.99 6.33 -15.69	125.29 8.92 -23.45	130.05 8.69 -31.72	110.82 6.72 -28.62	95.95 6.13 -15.98	66.41 4.02 -5.72	52.67 3.51 -2.42	45.93 3.27 -2.74	39.06 2.59 0.00
RAVENSWOOD_GT2_4 24247	38.84 2.09 0.00	36.22 2.11 0.00	35.34 1.91 0.00	32.87 1.77 0.00	32.76 1.71 0.00	35.18 1.90 0.00	38.50 1.90 0.00	41.01 2.83 0.00	42.58 3.12 0.00	44.63 3.34 0.00	51.66 3.83 0.00	53.77 3.66 0.00	61.77 4.36 0.00	73.12 5.10 0.00	84.06 6.01 -4.76	93.99 6.33 -15.69	125.29 8.92 -23.45	130.05 8.69 -31.72	110.82 6.72 -28.62	95.95 6.13 -15.98	66.41 4.02 -5.72	52.67 3.51 -2.42	45.93 3.27 -2.74	39.06 2.59 0.00
RAVENSWOOD_GT3_1 24248	38.84 2.09 0.00	36.22 2.11 0.00	35.31 1.87 0.00	32.87 1.77 0.00	32.73 1.68 0.00	35.15 1.86 0.00	38.50 1.90 0.00	41.01 2.83 0.00	42.54 3.08 0.00	44.63 3.34 0.00	51.62 3.78 0.00	53.72 3.61 0.00	61.71 4.31 0.00	73.12 5.10 0.00	84.06 6.01 -4.76	93.99 6.33 -15.69	125.29 8.92 -23.45	129.96 8.60 -31.72	110.82 6.72 -28.62	95.88 6.06 -15.98	66.35 3.97 -5.72	52.62 3.46 -2.42	45.89 3.23 -2.74	39.02 2.55 0.00
RAVENSWOOD_GT3_2 24249	38.84 2.09 0.00	36.22 2.11 0.00	35.31 1.87 0.00	32.87 1.77 0.00	32.73 1.68 0.00	35.15 1.86 0.00	38.50 1.90 0.00	41.01 2.83 0.00	42.54 3.08 0.00	44.63 3.34 0.00	51.62 3.78 0.00	53.72 3.61 0.00	61.71 4.31 0.00	73.12 5.10 0.00	84.06 6.01 -4.76	93.99 6.33 -15.69	125.29 8.92 -23.45	129.96 8.60 -31.72	110.82 6.72 -28.62	95.88 6.06 -15.98	66.35 3.97 -5.72	52.62 3.46 -2.42	45.89 3.23 -2.74	39.02 2.55 0.00
RAVENSWOOD_GT3_3 24250	38.88 2.13 0.00	36.26 2.15 0.00	35.37 1.94 0.00	32.90 1.80 0.00	32.79 1.74 0.00	35.21 1.93 0.00	38.54 1.94 0.00	41.08 2.90 0.00	42.62 3.16 0.00	44.71 3.43 0.00	51.71 3.87 0.00	53.82 3.71 0.00	61.89 4.48 0.00	73.26 5.24 0.00	84.21 6.16 -4.76	94.13 6.48 -15.69	125.47 9.11 -23.45	130.14 8.78 -31.72	110.97 6.87 -28.62	96.03 6.20 -15.98	66.47 4.08 -5.72	52.71 3.55 -2.42	45.97 3.31 -2.74	39.09 2.63 0.00
RAVENSWOOD_GT3_4 24251	38.88 2.13 0.00	36.26 2.15 0.00	35.37 1.94 0.00	32.90 1.80 0.00	32.79 1.74 0.00	35.21 1.93 0.00	38.54 1.94 0.00	41.08 2.90 0.00	42.62 3.16 0.00	44.71 3.43 0.00	51.71 3.87 0.00	53.82 3.71 0.00	61.89 4.48 0.00	73.26 5.24 0.00	84.21 6.16 -4.76	94.13 6.48 -15.69	125.47 9.11 -23.45	130.14 8.78 -31.72	110.97 6.87 -28.62	96.03 6.20 -15.98	66.47 4.08 -5.72	52.71 3.55 -2.42	45.97 3.31 -2.74	39.09 2.63 0.00
RAVENSWOOD_GT_1 23729	39.17 2.42 0.00	36.29 2.18 0.00	35.41 1.97 0.00	32.93 1.83 0.00	32.79 1.74 0.00	35.21 1.93 0.00	38.61 2.01 0.00	40.63 2.45 0.00	42.59 3.12 -0.01	44.80 3.51 -0.01	51.51 3.68 0.01	53.61 3.51 0.01	60.00 4.14 1.55	63.41 4.83 9.44	63.59 5.72 15.42	67.46 6.05 10.55	114.12 8.64 -12.57	118.31 8.34 -20.34	72.91 6.41 8.98	67.38 5.76 12.23	55.59 3.80 4.87	52.47 3.32 -2.42	45.86 3.19 -2.75	38.84 2.37 0.00
RAVENSWOOD_GT_10 24258	38.84 2.09 0.00	36.22 2.11 0.00	35.31 1.87 0.00	32.87 1.77 0.00	32.73 1.68 0.00	35.15 1.86 0.00	38.50 1.90 0.00	41.01 2.83 0.00	42.54 3.08 0.00	44.63 3.34 0.00	51.62 3.78 0.00	53.71 3.61 0.00	61.77 4.36 0.00	72.47 5.10 0.65	81.98 6.01 -2.68	91.50 6.33 -13.20	124.03 8.92 -22.19	128.64 8.60 -30.40	107.05 6.72 -24.84	93.17 6.06 -13.27	65.13 3.97 -4.50	52.62 3.46 -2.42	45.89 3.23 -2.74	39.02 2.55 0.00

RAVENSWOOD_GT_11 24259	39.03 2.28 0.00	36.22 2.12 0.00	35.30 1.87 0.00	32.87 1.77 0.00	32.73 1.68 0.00	35.15 1.86 0.00	38.65 2.05 0.00	40.63 2.45 0.00	42.54 3.08 0.00	44.79 3.51 0.00	51.66 3.83 0.00	53.76 3.66 0.00	61.77 4.36 0.00	72.48 5.10 0.65	81.98 6.01 -2.68	91.50 6.33 -13.20	124.03 8.92 -22.19	128.65 8.61 -30.41	106.97 6.64 -24.84	93.18 6.06 -13.27	65.13 3.97 -4.50	52.62 3.46 -2.42	45.98 3.31 -2.75	38.84 2.37 0.00
RAVENSWOOD_GT_4 24252	38.80 2.06 0.00	36.22 2.11 0.00	35.31 1.87 0.00	32.87 1.77 0.00	32.76 1.71 0.00	35.18 1.90 0.00	38.54 1.94 0.00	41.01 2.83 0.00	42.59 3.12 -0.01	44.64 3.34 -0.01	51.66 3.83 0.00	53.76 3.66 0.01	60.65 4.42 1.18	66.00 5.17 7.19	68.77 6.08 10.61	74.08 6.41 4.29	117.09 9.01 -15.16	121.38 8.69 -23.05	82.26 6.79 0.01	74.47 6.13 5.50	58.34 4.02 2.35	52.66 3.51 -2.42	45.93 3.27 -2.74	39.02 2.55 0.00
RAVENSWOOD_GT_5 24254	38.80 2.06 0.00	36.22 2.11 0.00	35.31 1.87 0.00	32.87 1.77 0.00	32.76 1.71 0.00	35.18 1.90 0.00	38.54 1.94 0.00	41.01 2.83 0.00	42.59 3.12 -0.01	44.64 3.34 -0.01	51.66 3.83 0.00	53.76 3.66 0.01	60.65 4.42 1.18	66.00 5.17 7.19	68.77 6.08 10.61	74.08 6.41 4.29	117.09 9.01 -15.16	121.38 8.69 -23.05	82.26 6.79 0.01	74.47 6.13 5.50	58.34 4.02 2.35	52.66 3.51 -2.42	45.93 3.27 -2.74	39.02 2.55 0.00
RAVENSWOOD_GT_6 24253	38.80 2.06 0.00	36.22 2.11 0.00	35.31 1.87 0.00	32.87 1.77 0.00	32.76 1.71 0.00	35.18 1.90 0.00	38.54 1.94 0.00	41.01 2.83 0.00	42.59 3.12 -0.01	44.64 3.34 -0.01	51.66 3.83 0.00	53.76 3.66 0.01	60.65 4.42 1.18	66.00 5.17 7.19	68.77 6.08 10.61	74.08 6.41 4.29	117.09 9.01 -15.16	121.38 8.69 -23.05	82.26 6.79 0.01	74.47 6.13 5.50	58.34 4.02 2.35	52.66 3.51 -2.42	45.93 3.27 -2.74	39.02 2.55 0.00
RAVENSWOOD_GT_7 24255	38.80 2.06 0.00	36.22 2.11 0.00	35.31 1.87 0.00	32.87 1.77 0.00	32.76 1.71 0.00	35.18 1.90 0.00	38.54 1.94 0.00	41.01 2.83 0.00	42.59 3.12 -0.01	44.64 3.34 -0.01	51.66 3.83 0.00	53.76 3.66 0.01	60.65 4.42 1.18	66.00 5.17 7.19	68.77 6.08 10.61	74.08 6.41 4.29	117.09 9.01 -15.16	121.38 8.69 -23.05	82.26 6.79 0.01	74.47 6.13 5.50	58.34 4.02 2.35	52.66 3.51 -2.42	45.93 3.27 -2.74	39.02 2.55 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	38.84 2.09 0.00	36.22 2.11 0.00	35.31 1.87 0.00	32.87 1.77 0.00	32.73 1.68 0.00	35.15 1.86 0.00	38.50 1.90 0.00	41.01 2.83 0.00	42.54 3.08 0.00	44.63 3.34 0.00	51.62 3.78 0.00	53.71 3.61 0.00	61.77 4.36 0.00	72.47 5.10 0.65	81.98 6.01 -2.68	91.50 6.33 -13.20	124.03 8.92 -22.19	128.64 8.60 -30.40	107.05 6.72 -24.84	93.17 6.06 -13.27	65.13 3.97 -4.50	52.62 3.46 -2.42	45.89 3.23 -2.74	39.02 2.55 0.00
RAVENSWOOD_GT_9 24257	38.84 2.09 0.00	36.22 2.11 0.00	35.31 1.87 0.00	32.87 1.77 0.00	32.73 1.68 0.00	35.15 1.86 0.00	38.50 1.90 0.00	41.01 2.83 0.00	42.54 3.08 0.00	44.63 3.34 0.00	51.62 3.78 0.00	53.71 3.61 0.00	61.77 4.36 0.00	72.47 5.10 0.65	81.98 6.01 -2.68	91.50 6.33 -13.20	124.03 8.92 -22.19	128.64 8.60 -30.40	107.05 6.72 -24.84	93.17 6.06 -13.27	65.13 3.97 -4.50	52.62 3.46 -2.42	45.89 3.23 -2.74	39.02 2.55 0.00
RAVENSWOOD___1 23533	39.13 2.39 0.00	36.29 2.18 0.00	35.37 1.94 0.00	32.90 1.80 0.00	32.79 1.74 0.00	35.18 1.90 0.00	38.57 1.98 0.00	40.63 2.45 0.00	42.58 3.12 0.00	44.79 3.51 0.00	51.46 3.63 0.01	53.55 3.45 0.01	57.89 4.08 3.60	57.50 4.83 15.35	57.89 5.72 21.12	57.89 6.05 20.12	112.33 8.54 -10.87	116.44 8.24 -18.56	61.24 6.34 20.59	57.39 5.76 22.22	53.88 3.74 6.53	52.42 3.27 -2.41	45.86 3.19 -2.75	38.84 2.37 0.00
RAVENSWOOD___2 23534	39.06 2.32 0.00	36.19 2.08 0.00	35.30 1.87 0.00	32.84 1.74 0.00	32.70 1.64 0.00	35.11 1.83 0.00	38.50 1.90 0.00	40.51 2.33 0.00	42.50 3.04 0.00	44.67 3.39 0.00	51.13 3.30 0.01	53.11 3.01 0.01	57.38 3.62 3.65	56.73 4.22 15.51	57.07 5.05 21.27	56.98 5.40 20.38	111.44 7.71 -10.82	115.59 7.44 -18.52	60.32 5.73 20.90	56.52 5.17 22.49	53.38 3.29 6.57	52.05 2.90 -2.41	45.70 3.03 -2.75	38.73 2.26 0.00
RAVENSWOOD___3 23535	39.03 2.28 0.00	36.22 2.12 0.00	35.34 1.90 0.00	32.87 1.77 0.00	32.76 1.71 0.00	35.15 1.86 0.00	38.65 2.05 0.00	40.63 2.45 0.00	42.54 3.08 0.00	44.79 3.51 0.00	51.67 3.83 0.00	53.76 3.66 0.00	61.72 4.31 0.00	73.13 5.10 0.00	84.06 6.01 -4.76	93.99 6.33 -15.69	125.29 8.92 -23.45	129.96 8.61 -31.72	110.74 6.64 -28.62	95.88 6.06 -15.98	66.35 3.97 -5.72	52.62 3.46 -2.42	45.94 3.27 -2.75	38.84 2.37 0.00
RAVENSWOOD___4 23820	39.10 2.35 0.00	36.26 2.15 0.00	35.34 1.90 0.00	32.87 1.77 0.00	32.76 1.71 0.00	35.15 1.86 0.00	38.54 1.94 0.00	40.59 2.41 0.00	42.54 3.08 0.01	44.75 3.47 0.01	51.46 3.63 0.01	53.51 3.41 0.01	55.81 4.08 5.67	51.43 4.76 21.35	52.03 5.64 26.90	48.11 5.97 29.83	110.51 8.45 -9.14	114.55 8.16 -16.76	49.39 6.26 32.35	47.18 5.69 32.36	52.20 3.74 8.20	52.37 3.22 -2.41	45.82 3.15 -2.75	38.80 2.34 0.00
RCPI_TRUST___DRP 24196	38.84 2.09 0.00	36.22 2.11 0.00	35.34 1.91 0.00	32.87 1.77 0.00	32.76 1.71 0.00	35.18 1.90 0.00	38.54 1.94 0.00	41.05 2.86 0.00	42.62 3.16 0.00	44.71 3.43 0.00	51.76 3.92 0.00	53.87 3.76 0.00	61.89 4.48 0.00	73.26 5.24 0.00	84.21 6.16 -4.76	94.20 6.55 -15.69	125.47 9.11 -23.45	130.13 8.78 -31.72	110.97 6.87 -28.62	96.03 6.20 -15.98	66.47 4.08 -5.72	52.71 3.55 -2.42	45.97 3.31 -2.74	39.06 2.59 0.00
RED___ROCHESTER 323720	36.71 -0.04 0.00	33.80 -0.31 0.00	33.03 -0.40 0.00	30.60 -0.50 0.00	30.68 -0.37 0.00	32.82 -0.47 0.00	36.49 -0.11 0.00	38.18 0.00 0.00	40.02 0.55 0.00	41.12 -0.16 0.00	48.60 0.76 0.00	51.46 1.35 0.00	58.21 0.80 0.00	69.25 1.23 0.00	74.40 0.58 -0.53	73.85 0.14 -1.74	95.32 -0.37 -2.78	92.74 -0.36 -3.46	78.15 -0.45 -3.12	75.07 -0.51 -1.74	57.57 0.28 -0.62	48.03 1.03 -0.26	40.72 0.48 -0.32	36.69 0.22 0.00
REGAN___SOLAR 323812	40.86 4.11 0.00	37.86 3.75 0.00	37.05 3.61 0.00	34.43 3.33 0.00	34.41 3.35 0.00	37.04 3.76 0.00	40.92 4.32 0.00	42.69 4.50 0.00	44.40 4.93 0.00	46.32 5.04 0.00	53.91 6.08 0.00	56.67 6.56 0.00	64.93 7.52 0.00	77.68 9.66 0.00	97.67 10.12 -14.27	128.68 9.71 -47.00	141.36 12.63 -35.81	196.76 12.55 -94.57	171.85 10.79 -85.57	132.26 10.64 -47.77	82.33 8.56 -17.10	60.76 6.77 -7.24	49.13 5.03 -4.18	40.66 4.19 0.00
RENSSELAER___COGEN 23796	37.59 0.85 0.00	34.92 0.82 0.00	34.23 0.80 0.00	31.88 0.78 0.00	31.77 0.71 0.00	34.08 0.80 0.00	37.26 0.66 0.00	39.02 0.84 0.00	40.61 1.15 0.00	42.57 1.28 0.00	49.27 1.43 0.00	51.31 1.20 0.00	58.84 1.44 0.00	69.65 1.63 0.00	85.62 1.98 -10.36	108.02 1.94 -34.11	125.63 2.60 -30.12	160.86 2.51 -68.72	139.59 1.96 -62.14	110.54 1.99 -34.70	70.56 1.47 -12.42	53.45 1.45 -5.26	44.72 1.28 -3.52	37.38 0.91 0.00

REPUBLIC_115KV_BARTNBRK 55605	42.92 6.17 0.00	39.60 5.49 0.00	38.58 5.15 0.00	35.83 4.73 0.00	35.68 4.63 0.00	38.48 5.19 0.00	42.38 5.78 0.00	44.63 6.45 0.00	46.73 7.26 0.00	48.88 7.60 0.00	57.45 9.62 0.00	60.58 10.47 0.00	69.52 12.11 0.00	82.99 14.96 0.00	103.33 14.80 -15.23	136.54 14.39 -50.18	141.45 17.19 -31.34	207.19 16.58 -100.97	180.86 13.96 -91.41	138.84 13.96 -51.03	86.16 11.22 -18.27	63.68 9.21 -7.74	50.64 7.07 -3.66	42.41 5.94 0.00
REVERE_CPPR_DRP 24186	38.07 1.32 0.00	35.20 1.09 0.00	34.50 1.07 0.00	32.03 0.93 0.00	32.02 0.96 0.00	34.35 1.07 0.00	37.92 1.32 0.00	39.59 1.41 0.00	41.16 1.70 0.00	43.18 1.90 0.00	50.13 2.30 0.00	52.81 2.71 0.00	60.22 2.81 0.00	71.56 3.54 0.00	76.95 3.66 0.00	75.49 3.53 0.00	98.30 4.18 -1.21	93.77 4.12 -0.01	79.33 3.85 0.00	77.54 3.69 0.00	59.50 2.83 0.00	48.89 2.15 0.00	41.50 1.44 -0.14	37.71 1.24 0.00
REYNOLDS_115KV_TB3 80639	37.81 1.07 0.00	35.23 1.13 0.00	34.54 1.10 0.00	32.16 1.06 0.00	32.05 0.99 0.00	34.42 1.13 0.00	37.51 0.91 0.00	39.56 1.37 0.00	40.96 1.50 0.00	42.85 1.57 0.00	49.70 1.87 0.00	51.81 1.70 0.00	59.48 2.07 0.00	70.40 2.38 0.00	87.06 2.78 -10.98	110.89 2.73 -36.18	126.82 3.72 -30.19	166.09 3.59 -72.87	144.27 2.87 -65.92	113.45 2.81 -36.80	71.99 2.15 -13.18	54.23 1.92 -5.58	45.04 1.60 -3.52	37.75 1.28 0.00
RIVERBAY____ 323610	39.47 2.72 0.00	36.70 2.59 0.00	35.81 2.37 0.00	33.28 2.18 0.00	33.17 2.11 0.00	35.51 2.23 0.00	38.69 2.09 0.00	41.35 3.17 0.00	42.78 3.32 0.00	44.79 3.51 0.00	51.61 3.78 0.01	53.96 3.86 0.01	62.05 4.65 0.01	73.59 5.58 0.01	84.42 6.38 -4.75	94.48 6.84 -15.68	126.02 9.66 -23.44	130.49 9.14 -31.71	111.34 7.25 -28.61	96.39 6.57 -15.97	66.85 4.48 -5.71	52.98 3.83 -2.41	46.13 3.47 -2.74	39.53 3.06 0.00
RIVERSDE_115KV_TB3 55908	37.74 0.99 0.00	35.16 1.06 0.00	34.44 1.00 0.00	32.06 0.96 0.00	31.99 0.93 0.00	34.32 1.03 0.00	37.44 0.84 0.00	39.48 1.30 0.00	40.89 1.42 0.00	42.77 1.49 0.00	49.61 1.77 0.00	51.71 1.60 0.00	59.36 1.95 0.00	70.27 2.24 0.00	87.00 2.64 -11.07	111.02 2.59 -36.46	126.63 3.44 -30.27	166.38 3.32 -73.43	144.62 2.72 -66.42	113.59 2.66 -37.08	71.93 1.98 -13.28	54.18 1.82 -5.62	44.97 1.52 -3.53	37.67 1.20 0.00
ROARING__BROOK_WT_PWR 323790	36.38 -0.37 0.00	33.77 -0.34 0.00	33.10 -0.33 0.00	30.76 -0.34 0.00	30.71 -0.34 0.00	32.92 -0.37 0.00	36.20 -0.40 0.00	37.68 -0.50 0.00	38.91 -0.55 0.00	40.79 -0.49 0.00	47.17 -0.67 0.00	49.41 -0.70 0.00	56.61 -0.80 0.00	67.07 -0.95 0.00	72.26 -1.03 0.00	70.96 -1.01 0.00	91.62 -1.30 0.00	88.47 -1.17 0.00	74.66 -0.83 0.00	72.96 -0.88 0.00	55.87 -0.79 0.00	45.90 -0.84 0.00	39.28 -0.64 0.00	35.96 -0.51 0.00
ROCHESRG_115KV_T4 355643	36.64 -0.11 0.00	33.43 -0.68 0.00	32.66 -0.77 0.00	30.29 -0.81 0.00	30.34 -0.71 0.00	32.45 -0.83 0.00	36.42 -0.18 0.00	37.72 -0.46 0.00	39.46 0.00 0.00	41.49 0.21 0.00	48.03 0.19 0.00	50.76 0.65 0.00	57.29 -0.11 0.00	68.16 0.14 0.00	73.15 -0.66 -0.52	72.76 -0.94 -1.72	94.09 -1.58 -2.76	91.54 -1.52 -3.43	76.91 -1.66 -3.09	73.95 -1.62 -1.73	56.72 -0.57 -0.62	47.33 0.33 -0.26	39.80 -0.44 -0.32	35.27 -1.20 0.00
ROCHESTER_9_IC 23652	36.89 0.15 0.00	33.63 -0.48 0.00	32.87 -0.57 0.00	30.48 -0.62 0.00	30.53 -0.53 0.00	32.65 -0.63 0.00	36.64 0.04 0.00	37.99 -0.19 0.00	39.74 0.28 0.00	41.82 0.54 0.00	48.41 0.57 0.00	51.21 1.10 0.00	57.81 0.40 0.00	68.77 0.75 0.00	73.82 0.00 -0.53	73.35 -0.36 -1.74	94.76 -0.93 -2.78	92.29 -0.81 -3.46	77.55 -1.06 -3.12	74.55 -1.03 -1.74	57.18 -0.11 -0.62	47.70 0.70 -0.26	40.08 -0.16 -0.32	35.48 -0.98 0.00
ROCKVIEW_13_KV_LD 356306	38.91 2.17 0.00	36.26 2.15 0.00	35.37 1.94 0.00	32.90 1.80 0.00	32.79 1.74 0.00	35.25 1.96 0.00	38.61 2.01 0.00	41.08 2.90 0.00	42.66 3.20 0.00	44.71 3.43 0.00	51.81 3.97 0.00	53.97 3.86 0.00	62.00 4.59 0.00	73.46 5.44 0.00	84.43 6.38 -4.76	94.28 6.62 -15.69	125.57 9.20 -23.45	130.32 8.96 -31.72	111.12 7.02 -28.62	96.17 6.35 -15.98	66.69 4.31 -5.72	52.90 3.74 -2.42	46.01 3.35 -2.74	39.13 2.66 0.00
ROME____115KV_TB2 80656	38.07 1.32 0.00	35.20 1.09 0.00	34.50 1.07 0.00	32.03 0.93 0.00	32.02 0.96 0.00	34.35 1.07 0.00	37.92 1.32 0.00	39.59 1.41 0.00	41.16 1.70 0.00	43.18 1.90 0.00	50.13 2.30 0.00	52.81 2.71 0.00	60.22 2.81 0.00	71.56 3.54 0.00	76.95 3.66 0.00	75.49 3.53 0.00	98.30 4.18 -1.21	93.77 4.12 -0.01	79.33 3.85 0.00	77.54 3.69 0.00	59.50 2.83 0.00	48.89 2.15 0.00	41.50 1.44 -0.14	37.71 1.24 0.00
ROSETON__1 23587	38.36 1.61 0.00	35.61 1.50 0.00	34.80 1.37 0.00	32.40 1.31 0.00	32.30 1.24 0.00	34.65 1.37 0.00	38.03 1.43 0.00	39.94 1.76 0.00	41.71 2.25 0.00	43.85 2.56 0.00	50.66 2.82 0.00	52.71 2.60 0.00	60.51 3.10 0.00	71.63 3.60 0.00	82.34 4.32 -4.73	92.02 4.46 -15.58	122.59 6.23 -23.44	127.25 6.10 -31.51	108.60 4.68 -28.43	94.08 4.36 -15.87	65.29 2.94 -5.68	51.81 2.66 -2.41	45.14 2.48 -2.75	38.22 1.75 0.00
ROSETON__2 23588	38.36 1.61 0.00	35.61 1.50 0.00	34.80 1.37 0.00	32.40 1.31 0.00	32.30 1.24 0.00	34.65 1.37 0.00	38.03 1.43 0.00	39.94 1.76 0.00	41.71 2.25 0.00	43.85 2.56 0.00	50.66 2.82 0.00	52.71 2.60 0.00	60.51 3.10 0.00	71.63 3.60 0.00	82.34 4.32 -4.73	92.02 4.46 -15.58	122.59 6.23 -23.44	127.25 6.10 -31.51	108.60 4.68 -28.43	94.08 4.36 -15.87	65.29 2.94 -5.68	51.81 2.66 -2.41	45.14 2.48 -2.75	38.22 1.75 0.00
ROTTRDAM_115KV_TB3 80664	38.22 1.47 0.00	35.57 1.47 0.00	34.87 1.44 0.00	32.44 1.34 0.00	32.36 1.30 0.00	34.75 1.46 0.00	38.03 1.43 0.00	40.01 1.83 0.00	41.44 1.97 0.00	43.39 2.11 0.00	50.32 2.49 0.00	52.61 2.51 0.00	60.39 2.99 0.00	71.56 3.54 0.00	93.23 3.81 -16.13	128.84 3.74 -53.13	129.61 4.92 -31.77	201.27 4.75 -106.89	176.18 3.93 -96.78	131.72 3.84 -54.03	78.96 2.95 -19.34	57.45 2.52 -8.19	45.66 2.04 -3.71	38.11 1.64 0.00
RUSSELL__1 23602	37.11 0.37 0.00	33.80 -0.31 0.00	33.03 -0.40 0.00	30.60 -0.50 0.00	30.68 -0.37 0.00	32.82 -0.47 0.00	36.82 0.22 0.00	38.18 0.00 0.00	40.02 0.55 0.00	42.11 0.83 0.00	48.75 0.91 0.00	51.56 1.45 0.00	58.21 0.80 0.00	69.25 1.22 0.00	74.33 0.51 -0.53	73.85 0.14 -1.74	95.32 -0.37 -2.78	92.82 -0.27 -3.46	78.08 -0.53 -3.12	75.07 -0.52 -1.74	57.57 0.28 -0.62	48.03 1.03 -0.26	40.28 0.04 -0.32	35.67 -0.80 0.00
RUSSELL__2 23532	37.11 0.37 0.00	33.80 -0.31 0.00	33.03 -0.40 0.00	30.60 -0.50 0.00	30.68 -0.37 0.00	32.82 -0.47 0.00	36.82 0.22 0.00	38.18 0.00 0.00	40.02 0.55 0.00	42.11 0.83 0.00	48.75 0.91 0.00	51.56 1.45 0.00	58.21 0.80 0.00	69.25 1.22 0.00	74.33 0.51 -0.53	73.85 0.14 -1.74	95.32 -0.37 -2.78	92.82 -0.27 -3.46	78.08 -0.53 -3.12	75.07 -0.52 -1.74	57.57 0.28 -0.62	48.03 1.03 -0.26	40.28 0.04 -0.32	35.67 -0.80 0.00

RUSSELL___3 23549	37.11 0.37 0.00	33.80 -0.31 0.00	33.03 -0.40 0.00	30.60 -0.50 0.00	30.68 -0.37 0.00	32.82 -0.47 0.00	36.82 0.22 0.00	38.18 0.00 0.00	40.02 0.55 0.00	42.11 0.83 0.00	48.75 0.91 0.00	51.56 1.45 0.00	58.21 0.80 0.00	69.25 1.22 0.00	74.33 0.51 -0.53	73.85 0.14 -1.74	95.32 -0.37 -2.78	92.82 -0.27 -3.46	78.08 -0.53 -3.12	75.07 -0.52 -1.74	57.57 0.28 -0.62	48.03 1.03 -0.26	40.28 0.04 -0.32	35.67 -0.80 0.00
RUSSELL___4 23556	37.11 0.37 0.00	33.80 -0.31 0.00	33.03 -0.40 0.00	30.60 -0.50 0.00	30.68 -0.37 0.00	32.82 -0.47 0.00	36.82 0.22 0.00	38.18 0.00 0.00	40.02 0.55 0.00	42.11 0.83 0.00	48.75 0.91 0.00	51.56 1.45 0.00	58.21 0.80 0.00	69.25 1.22 0.00	74.33 0.51 -0.53	73.85 0.14 -1.74	95.32 -0.37 -2.78	92.82 -0.27 -3.46	78.08 -0.53 -3.12	75.07 -0.52 -1.74	57.57 0.28 -0.62	48.03 1.03 -0.26	40.28 0.04 -0.32	35.67 -0.80 0.00
RUSSELL___STATION 23914	37.11 0.37 0.00	33.80 -0.31 0.00	33.03 -0.40 0.00	30.60 -0.50 0.00	30.68 -0.37 0.00	32.82 -0.47 0.00	36.82 0.22 0.00	38.18 0.00 0.00	40.02 0.55 0.00	42.11 0.83 0.00	48.75 0.91 0.00	51.56 1.45 0.00	58.21 0.80 0.00	69.25 1.22 0.00	74.33 0.51 -0.53	73.85 0.14 -1.74	95.32 -0.37 -2.78	92.82 -0.27 -3.46	78.08 -0.53 -3.12	75.07 -0.52 -1.74	57.57 0.28 -0.62	48.03 1.03 -0.26	40.28 0.04 -0.32	35.67 -0.80 0.00
S SALMON___HYD 24043	36.75 0.00 0.00	34.01 -0.10 0.00	33.33 -0.10 0.00	30.94 -0.15 0.00	30.96 -0.09 0.00	33.18 -0.10 0.00	36.67 0.07 0.00	38.30 0.11 0.00	39.82 0.35 0.00	41.53 0.25 0.00	48.32 0.48 0.00	50.81 0.70 0.00	57.92 0.52 0.00	68.84 0.82 0.00	73.87 0.58 0.00	72.33 0.36 0.00	94.94 0.37 -1.65	90.19 0.54 -0.01	76.08 0.60 0.00	74.43 0.59 0.00	57.17 0.51 0.00	47.21 0.47 0.00	40.39 0.28 -0.19	36.62 0.15 0.00
S.PERRY___115KV_TB1 80734	37.52 0.77 0.00	34.11 0.00 0.00	33.27 -0.17 0.00	30.82 -0.28 0.00	30.93 -0.12 0.00	33.05 -0.23 0.00	37.26 0.66 0.00	38.68 0.50 0.00	40.57 1.11 0.00	42.57 1.28 0.00	49.27 1.44 0.00	52.01 1.90 0.00	57.18 -0.23 0.00	67.95 -0.07 0.00	72.83 -1.25 -0.79	73.21 -1.37 -2.61	94.29 -2.51 -3.89	93.48 -1.34 -5.19	78.96 -1.21 -4.68	75.43 -1.03 -2.61	57.77 0.17 -0.94	49.24 2.10 -0.40	40.81 0.44 -0.45	36.10 -0.36 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	36.23 -0.51 0.00	32.78 -1.33 0.00	31.93 -1.50 0.00	29.64 -1.46 0.00	29.78 -1.27 0.00	31.72 -1.56 0.00	35.94 -0.66 0.00	36.92 -1.26 0.00	38.79 -0.67 0.00	40.87 -0.41 0.00	47.26 -0.57 0.00	49.96 -0.15 0.00	55.86 -1.55 0.00	66.46 -1.56 0.00	71.01 -3.00 -0.72	71.11 -3.24 -2.38	90.67 -5.85 -3.61	89.45 -4.93 -4.74	75.23 -4.53 -4.28	71.95 -4.28 -2.39	55.37 -2.15 -0.86	46.87 -0.23 -0.36	38.70 -1.64 -0.42	34.32 -2.15 0.00
SAWYER___23_KV_LOAD 55526	36.23 -0.51 0.00	32.78 -1.33 0.00	31.93 -1.50 0.00	29.64 -1.46 0.00	29.78 -1.27 0.00	31.72 -1.56 0.00	35.94 -0.66 0.00	36.92 -1.26 0.00	38.79 -0.67 0.00	40.87 -0.41 0.00	47.26 -0.57 0.00	49.96 -0.15 0.00	55.86 -1.55 0.00	66.46 -1.56 0.00	71.01 -3.00 -0.72	71.11 -3.24 -2.38	90.67 -5.85 -3.61	89.45 -4.93 -4.74	75.23 -4.53 -4.28	71.95 -4.28 -2.39	55.37 -2.15 -0.86	46.87 -0.23 -0.36	38.70 -1.64 -0.42	34.32 -2.15 0.00
SELKIRK___I 23801	38.14 1.40 0.00	35.47 1.37 0.00	34.80 1.37 0.00	32.37 1.28 0.00	32.26 1.21 0.00	34.62 1.33 0.00	37.84 1.25 0.00	39.60 1.41 0.00	41.12 1.66 0.00	43.06 1.77 0.00	49.94 2.10 0.00	51.96 1.86 0.00	58.56 1.15 0.00	69.45 1.43 0.00	83.79 1.69 -8.81	102.57 1.58 -29.02	124.71 2.23 -29.57	150.27 2.15 -58.49	130.09 1.74 -52.87	105.21 1.85 -29.52	68.65 1.42 -10.57	52.71 1.50 -4.48	45.33 1.96 -3.46	38.04 1.57 0.00
SELKIRK___II 23799	37.74 0.99 0.00	35.10 0.99 0.00	34.40 0.97 0.00	32.03 0.93 0.00	31.92 0.87 0.00	34.25 0.97 0.00	37.48 0.88 0.00	39.21 1.03 0.00	40.76 1.30 0.00	42.73 1.44 0.00	49.46 1.63 0.00	51.26 1.15 0.00	58.67 1.26 0.00	69.45 1.43 0.00	84.24 1.76 -9.20	103.91 1.66 -30.29	125.02 2.14 -29.97	152.82 2.15 -61.04	132.32 1.66 -55.18	106.42 1.77 -30.81	69.05 1.36 -11.03	53.04 1.63 -4.67	44.90 1.48 -3.50	37.56 1.09 0.00
SENECA OSWGO___HYD 24041	36.49 -0.26 0.00	33.80 -0.31 0.00	33.13 -0.30 0.00	30.79 -0.31 0.00	30.77 -0.28 0.00	32.95 -0.33 0.00	36.38 -0.22 0.00	38.03 -0.15 0.00	39.54 0.08 0.00	41.24 -0.04 0.00	48.13 0.29 0.00	50.56 0.45 0.00	57.76 0.35 0.00	68.56 0.54 0.00	73.66 0.37 0.00	72.19 0.22 0.00	94.84 0.09 -1.83	89.83 0.18 -0.01	75.56 0.08 0.00	73.92 0.07 0.00	56.84 0.17 0.00	47.02 0.28 0.00	40.17 0.04 -0.21	36.36 -0.11 0.00
SENECA___115KV_TB3 355854	36.67 -0.07 0.00	33.15 -0.96 0.00	32.30 -1.14 0.00	29.98 -1.12 0.00	30.12 -0.93 0.00	32.12 -1.16 0.00	36.34 -0.26 0.00	37.42 -0.76 0.00	39.35 -0.12 0.00	41.45 0.17 0.00	47.98 0.14 0.00	50.66 0.55 0.00	56.66 -0.75 0.00	67.41 -0.61 0.00	72.07 -1.98 -0.76	72.39 -2.09 -2.51	91.57 -5.11 -3.77	90.86 -3.76 -4.99	76.67 -3.32 -4.50	73.19 -3.18 -2.51	56.21 -1.36 -0.90	47.49 0.37 -0.38	38.96 -1.40 -0.44	34.79 -1.68 0.00
SENECA___ENERGY 23797	36.75 0.00 0.00	33.97 -0.14 0.00	33.23 -0.20 0.00	30.85 -0.25 0.00	30.87 -0.19 0.00	33.05 -0.23 0.00	36.60 0.00 0.00	38.26 0.08 0.00	39.94 0.48 0.00	41.49 0.21 0.00	48.56 0.72 0.00	51.11 1.00 0.00	58.27 0.86 0.00	69.18 1.16 0.00	74.67 0.81 -0.57	74.50 0.65 -1.88	96.23 0.37 -2.94	94.18 0.80 -3.74	79.46 0.60 -3.37	76.32 0.59 -1.88	58.02 0.68 -0.67	47.91 0.89 -0.29	40.69 0.44 -0.33	36.73 0.26 0.00
SHOEMAKER___GT 23640	38.29 1.54 0.00	35.54 1.43 0.00	34.74 1.30 0.00	32.31 1.21 0.00	32.23 1.18 0.00	34.55 1.26 0.00	37.95 1.35 0.00	39.79 1.60 0.00	41.44 1.97 0.00	43.51 2.23 0.00	50.37 2.53 0.00	52.51 2.41 0.00	60.28 2.87 0.00	71.42 3.40 0.00	81.53 4.03 -4.21	90.01 4.17 -13.86	119.45 5.76 -20.77	123.34 5.65 -28.06	105.18 4.38 -25.32	92.04 4.06 -14.13	64.50 2.78 -5.06	51.36 2.48 -2.14	44.59 2.23 -2.44	38.07 1.60 0.00
SHOEMAKR_138KV_BK 111 55601	38.14 1.40 0.00	35.51 1.40 0.00	34.67 1.24 0.00	32.28 1.18 0.00	32.17 1.12 0.00	34.51 1.23 0.00	37.84 1.24 0.00	40.01 1.83 0.00	41.44 1.97 0.00	43.43 2.15 0.00	50.32 2.49 0.00	52.46 2.36 0.00	60.28 2.87 0.00	71.36 3.33 0.00	81.42 3.96 -4.17	89.88 4.17 -13.74	119.19 5.76 -20.51	122.99 5.56 -27.80	104.95 4.38 -25.08	91.91 4.06 -14.00	64.46 2.78 -5.01	51.29 2.43 -2.12	44.48 2.16 -2.40	38.15 1.68 0.00
SHOREHAM_IC_1 23715	48.48 3.89 -7.84	42.88 3.61 -5.16	44.67 3.41 -7.83	37.85 3.20 -3.55	35.63 3.17 -1.41	37.53 3.43 -0.82	40.42 3.81 -0.02	47.51 4.20 -5.13	48.92 4.58 -4.88	59.70 4.91 -13.51	64.22 4.64 -11.74	105.93 4.56 -51.27	150.26 5.68 -87.17	323.22 6.12 -249.07	351.40 7.62 -270.49	312.11 7.27 -232.88	287.38 9.95 -184.52	316.31 9.68 -217.00	305.34 7.85 -222.01	287.38 7.91 -205.63	383.36 6.46 -320.23	160.88 5.42 -108.72	116.69 4.99 -71.78	48.99 3.98 -8.55

SHOREHAM_IC_2 23716	48.48 3.89 -7.84	42.88 3.61 -5.16	44.67 3.41 -7.83	37.85 3.20 -3.55	35.63 3.17 -1.41	37.53 3.43 -0.82	40.42 3.81 -0.02	47.51 4.20 -5.13	48.92 4.58 -4.88	59.70 4.91 -13.51	64.22 4.64 -11.74	105.93 4.56 -51.27	150.26 5.68 -87.17	323.22 6.12 -249.07	351.40 7.62 -270.49	312.11 7.27 -232.88	287.38 9.95 -184.52	316.31 9.68 -217.00	305.34 7.85 -222.01	287.38 7.91 -205.63	383.36 6.46 -320.23	160.88 5.42 -108.72	116.69 4.99 -71.78	48.99 3.98 -8.55
SISSONVILLE____ 23735	35.24 -1.51 0.00	32.67 -1.43 0.00	32.06 -1.37 0.00	29.82 -1.28 0.00	29.81 -1.24 0.00	31.95 -1.33 0.00	35.17 -1.43 0.00	36.35 -1.83 0.00	37.41 -2.05 0.00	38.31 -2.97 0.00	44.39 -3.44 0.00	46.60 -3.51 0.00	53.56 -3.85 0.00	63.47 -4.56 0.00	68.52 -4.76 0.00	67.07 -4.89 0.00	87.16 -5.76 0.00	83.27 -6.36 0.00	70.95 -4.53 0.00	69.49 -4.36 0.00	53.21 -3.46 0.00	43.33 -3.41 0.00	38.16 -1.76 0.00	35.45 -1.02 0.00
SITHE_IND_GS1 24169	35.97 -0.77 0.00	33.32 -0.78 0.00	32.67 -0.77 0.00	30.38 -0.71 0.00	30.34 -0.71 0.00	32.52 -0.76 0.00	35.83 -0.77 0.00	37.46 -0.73 0.00	38.87 -0.59 0.00	40.54 -0.74 0.00	47.21 -0.62 0.00	49.56 -0.55 0.00	56.61 -0.80 0.00	67.14 -0.89 0.00	72.19 -1.10 0.00	70.81 -1.15 0.00	92.70 -1.67 -1.45	88.12 -1.52 -0.01	74.13 -1.36 0.00	72.52 -1.33 0.00	55.76 -0.91 0.00	46.13 -0.61 0.00	39.45 -0.64 -0.17	35.77 -0.69 0.00
SITHE_IND_GS2 24170	35.97 -0.77 0.00	33.32 -0.78 0.00	32.67 -0.77 0.00	30.38 -0.71 0.00	30.34 -0.71 0.00	32.52 -0.76 0.00	35.83 -0.77 0.00	37.46 -0.73 0.00	38.87 -0.59 0.00	40.54 -0.74 0.00	47.21 -0.62 0.00	49.56 -0.55 0.00	56.61 -0.80 0.00	67.14 -0.89 0.00	72.19 -1.10 0.00	70.81 -1.15 0.00	92.70 -1.67 -1.45	88.12 -1.52 -0.01	74.13 -1.36 0.00	72.52 -1.33 0.00	55.76 -0.91 0.00	46.13 -0.61 0.00	39.45 -0.64 -0.17	35.77 -0.69 0.00
SITHE_IND_GS3 24171	35.97 -0.77 0.00	33.32 -0.78 0.00	32.67 -0.77 0.00	30.38 -0.71 0.00	30.34 -0.71 0.00	32.52 -0.76 0.00	35.83 -0.77 0.00	37.46 -0.73 0.00	38.87 -0.59 0.00	40.54 -0.74 0.00	47.21 -0.62 0.00	49.56 -0.55 0.00	56.61 -0.80 0.00	67.14 -0.89 0.00	72.19 -1.10 0.00	70.81 -1.15 0.00	92.70 -1.67 -1.45	88.12 -1.52 -0.01	74.13 -1.36 0.00	72.52 -1.33 0.00	55.76 -0.91 0.00	46.13 -0.61 0.00	39.45 -0.64 -0.17	35.77 -0.69 0.00
SITHE_IND_GS4 24172	35.97 -0.77 0.00	33.32 -0.78 0.00	32.67 -0.77 0.00	30.38 -0.71 0.00	30.34 -0.71 0.00	32.52 -0.76 0.00	35.83 -0.77 0.00	37.46 -0.73 0.00	38.87 -0.59 0.00	40.54 -0.74 0.00	47.21 -0.62 0.00	49.56 -0.55 0.00	56.61 -0.80 0.00	67.14 -0.89 0.00	72.19 -1.10 0.00	70.81 -1.15 0.00	92.70 -1.67 -1.45	88.12 -1.52 -0.01	74.13 -1.36 0.00	72.52 -1.33 0.00	55.76 -0.91 0.00	46.13 -0.61 0.00	39.45 -0.64 -0.17	35.77 -0.69 0.00
SITHE____BATAVIA 24024	36.67 -0.07 0.00	33.70 -0.41 0.00	32.86 -0.57 0.00	30.44 -0.65 0.00	30.56 -0.50 0.00	32.62 -0.67 0.00	36.45 -0.15 0.00	38.14 -0.04 0.00	40.09 0.63 0.00	40.83 -0.45 0.00	48.65 0.81 0.00	51.56 1.45 0.00	57.92 0.52 0.00	68.97 0.95 0.00	74.13 0.22 -0.62	73.80 -0.22 -2.05	94.68 -1.39 -3.16	92.99 -0.72 -4.08	78.41 -0.75 -3.68	74.28 -1.62 -2.06	57.12 -0.28 -0.74	48.03 0.98 -0.31	40.40 0.12 -0.36	36.73 0.26 0.00
SITHE____INDEPEND 23800	36.05 -0.70 0.00	33.32 -0.78 0.00	32.66 -0.77 0.00	30.38 -0.72 0.00	30.34 -0.71 0.00	32.52 -0.77 0.00	35.90 -0.70 0.00	37.49 -0.69 0.00	38.87 -0.59 0.00	40.79 -0.50 0.00	47.22 -0.62 0.00	49.56 -0.55 0.00	56.61 -0.80 0.00	67.21 -0.82 0.00	72.19 -1.10 0.00	70.82 -1.15 0.00	92.70 -1.67 -1.45	88.12 -1.52 -0.01	74.13 -1.36 0.00	72.52 -1.33 0.00	55.76 -0.91 0.00	46.13 -0.61 0.00	39.37 -0.72 -0.17	35.59 -0.88 0.00
SITHE____MASSENA 23902	36.12 -0.62 0.00	33.53 -0.58 0.00	32.86 -0.57 0.00	30.60 -0.50 0.00	30.59 -0.46 0.00	32.72 -0.57 0.00	36.05 -0.55 0.00	37.42 -0.76 0.00	38.24 -1.22 0.00	40.09 -1.20 0.00	45.59 -2.25 0.00	47.75 -2.35 0.00	54.94 -2.47 0.00	65.10 -2.92 0.00	70.28 -3.01 0.00	68.80 -3.16 0.00	89.20 -3.72 0.00	85.33 -4.30 0.00	72.46 -3.02 0.00	71.04 -2.81 0.00	54.46 -2.21 0.00	44.45 -2.29 0.00	38.68 -1.24 0.00	35.74 -0.73 0.00
SITHE____OGDNSBRG 24021	36.19 -0.55 0.00	33.56 -0.55 0.00	32.93 -0.50 0.00	30.66 -0.44 0.00	30.65 -0.40 0.00	32.82 -0.47 0.00	36.12 -0.48 0.00	37.34 -0.84 0.00	38.44 -1.03 0.00	39.43 -1.86 0.00	45.73 -2.10 0.00	48.05 -2.05 0.00	55.23 -2.18 0.00	65.51 -2.52 0.00	70.65 -2.64 0.00	69.16 -2.81 0.00	89.76 -3.16 0.00	85.78 -3.85 0.00	73.14 -2.34 0.00	71.63 -2.22 0.00	54.85 -1.81 0.00	44.63 -2.10 0.00	39.08 -0.84 0.00	36.25 -0.22 0.00
SITHE____STERLING 23777	37.81 1.07 0.00	35.03 0.92 0.00	34.34 0.90 0.00	31.88 0.78 0.00	31.86 0.81 0.00	34.18 0.90 0.00	37.70 1.10 0.00	39.37 1.18 0.00	40.96 1.50 0.00	42.81 1.53 0.00	49.80 1.96 0.00	52.41 2.31 0.00	59.82 2.41 0.00	71.09 3.06 0.00	76.37 3.08 0.00	74.92 2.95 0.00	97.84 3.53 -1.39	93.05 3.41 -0.01	78.58 3.10 0.00	76.80 2.96 0.00	58.99 2.32 0.00	48.56 1.82 0.00	41.36 1.28 -0.16	37.64 1.17 0.00
SLEIGHT__34_KV_TB1 80719	37.96 1.21 0.00	34.96 0.85 0.00	34.17 0.74 0.00	31.69 0.59 0.00	31.71 0.65 0.00	33.98 0.70 0.00	37.88 1.28 0.00	39.56 1.37 0.00	41.32 1.85 0.00	43.52 2.23 0.00	50.42 2.58 0.00	53.16 3.06 0.00	60.57 3.16 0.00	72.04 4.01 0.00	77.77 3.96 -0.53	77.38 3.67 -1.74	99.95 4.27 -2.76	97.57 4.48 -3.45	82.22 3.62 -3.11	79.05 3.47 -1.74	60.18 2.89 -0.62	49.57 2.57 -0.26	41.72 1.48 -0.32	37.31 0.84 0.00
SOUTH CAIRO____GT 23612	39.58 2.83 0.00	36.70 2.59 0.00	35.87 2.44 0.00	33.40 2.30 0.00	33.29 2.24 0.00	35.68 2.40 0.00	39.12 2.52 0.00	40.93 2.75 0.00	42.34 2.88 0.00	44.38 3.10 0.00	51.47 3.63 0.00	53.41 3.31 0.00	61.37 3.96 0.00	72.85 4.83 0.00	86.74 5.13 -8.32	104.49 5.11 -27.41	128.22 7.06 -28.25	152.12 7.26 -55.23	131.51 6.11 -49.92	107.77 6.06 -27.87	71.18 4.53 -9.98	54.84 3.88 -4.23	46.50 3.27 -3.30	39.35 2.88 0.00
SOUTH HAMPTN____IC 23720	49.18 4.70 -7.73	43.56 4.30 -5.16	45.24 4.08 -7.73	38.47 3.82 -3.55	36.22 3.76 -1.41	38.16 4.06 -0.82	41.15 4.54 -0.02	48.09 5.00 -4.91	49.66 5.52 -4.67	60.16 5.95 -12.93	65.70 5.93 -11.93	105.30 6.11 -49.08	148.37 7.52 -83.45	315.31 8.84 -238.45	343.00 10.56 -259.16	301.91 10.73 -219.22	284.86 14.30 -177.65	308.23 13.89 -204.70	300.04 10.79 -213.76	311.89 10.64 -227.41	401.46 8.10 -336.69	187.48 6.68 -134.06	114.78 6.03 -68.84	49.85 4.89 -8.49
SOUTHDOW_I15KV_TB1 355954	37.59 0.85 0.00	33.94 -0.17 0.00	33.07 -0.37 0.00	30.63 -0.47 0.00	30.77 -0.28 0.00	32.82 -0.47 0.00	37.15 0.55 0.00	38.53 0.34 0.00	40.69 1.22 0.00	42.90 1.61 0.00	49.80 1.96 0.00	52.46 2.36 0.00	58.90 1.49 0.00	70.00 1.97 -0.83	75.00 0.88 -2.74	75.57 0.86 -2.74	94.94 -2.04 -4.06	94.82 -0.27 -5.46	80.10 -0.30 -4.92	76.45 -0.15 -2.75	58.50 0.85 -0.98	49.21 2.06 -0.42	40.00 -0.40 -0.47	35.96 -0.51 0.00

SOUTHOLD_69_KV_BK 2 55809	49.96 5.48 -7.74	44.38 5.12 -5.16	45.98 4.81 -7.74	39.16 4.51 -3.55	36.87 4.41 -1.41	38.86 4.76 -0.82	41.88 5.27 -0.01	47.60 6.38 -3.04	50.69 6.55 -4.68	60.38 6.15 -12.94	66.95 7.18 -11.93	106.63 7.42 -49.10	150.09 9.19 -83.49	317.69 11.09 -238.58	345.70 13.12 -259.30	227.15 13.39 -141.80	227.26 17.56 -116.78	309.75 15.24 -204.88	301.27 11.93 -213.86	249.19 11.45 -163.90	403.64 8.56 -338.42	190.51 8.09 -135.69	115.73 6.95 -68.86	50.98 6.02 -8.50
SOUTHOLD____IC 23719	50.06 5.58 -7.74	44.38 5.11 -5.16	45.98 4.82 -7.73	39.16 4.51 -3.55	36.87 4.41 -1.41	38.86 4.76 -0.82	41.92 5.31 -0.02	49.05 5.95 -4.91	50.69 6.55 -4.68	61.33 7.10 -12.94	66.99 7.22 -11.93	106.68 7.47 -49.10	150.08 9.18 -83.49	317.69 11.09 -238.58	345.77 13.19 -259.30	304.78 13.38 -219.43	288.21 17.57 -177.73	311.37 16.84 -204.89	302.78 13.44 -213.86	315.93 13.00 -229.08	404.95 9.86 -338.43	190.51 8.09 -135.69	115.90 7.11 -68.87	50.76 5.80 -8.49
SPIERFLS_115KV_TB 1 80737	39.39 2.65 0.00	36.53 2.42 0.00	35.74 2.31 0.00	33.24 2.15 0.00	33.13 2.08 0.00	35.61 2.33 0.00	39.09 2.49 0.00	41.16 2.98 0.00	42.74 3.28 0.00	44.75 3.47 0.00	52.19 4.35 0.00	54.77 4.66 0.00	62.92 5.51 0.00	74.82 6.80 0.00	95.08 6.45 -15.34	128.76 6.26 -50.53	131.55 7.25 -31.39	198.31 6.99 -101.68	173.42 5.89 -92.05	131.07 5.83 -51.39	79.66 4.59 -18.40	58.55 4.02 -7.79	46.78 3.19 -3.66	39.13 2.66 0.00
ST LAWRENCE____ 23600	35.90 -0.84 0.00	33.32 -0.78 0.00	32.70 -0.74 0.00	30.44 -0.65 0.00	30.40 -0.65 0.00	32.55 -0.73 0.00	35.83 -0.77 0.00	37.19 -0.99 0.00	38.01 -1.46 0.00	39.84 -1.45 0.00	45.73 -2.10 0.00	47.85 -2.25 0.00	55.05 -2.36 0.00	65.23 -2.79 0.00	70.35 -2.93 0.00	69.09 -2.88 0.00	89.29 -3.63 0.00	85.78 -3.85 0.00	72.62 -2.87 0.00	71.12 -2.73 0.00	54.51 -2.15 0.00	44.59 -2.15 0.00	38.40 -1.52 0.00	35.45 -1.02 0.00
STATE_CA_115KV_115_LB 55624	37.77 1.03 0.00	35.20 1.09 0.00	34.47 1.04 0.00	32.09 1.00 0.00	31.99 0.93 0.00	34.35 1.07 0.00	37.48 0.88 0.00	39.52 1.34 0.00	40.92 1.46 0.00	42.85 1.57 0.00	49.70 1.87 0.00	51.86 1.75 0.00	59.53 2.12 0.00	70.54 2.52 0.00	87.94 2.86 -11.79	113.61 2.81 -38.83	127.15 3.72 -30.52	171.41 3.59 -78.19	149.10 2.87 -70.74	116.15 2.81 -39.50	72.96 2.15 -14.14	54.64 1.92 -5.99	45.08 1.60 -3.56	37.75 1.28 0.00
STATE_ST_34_KV_LOAD 55959	37.66 0.92 0.00	34.79 0.68 0.00	34.04 0.60 0.00	31.60 0.50 0.00	31.58 0.53 0.00	33.85 0.57 0.00	37.51 0.91 0.00	39.17 0.99 0.00	40.81 1.34 0.00	42.90 1.61 0.00	49.65 1.82 0.00	52.26 2.15 0.00	59.71 2.30 0.00	70.95 2.92 0.00	76.79 2.93 -0.57	76.50 2.66 -1.87	98.89 3.07 -2.91	96.65 3.32 -3.70	81.62 2.79 -3.34	78.44 2.73 -1.86	59.60 2.27 -0.67	49.03 2.01 -0.28	41.42 1.16 -0.34	37.20 0.73 0.00
STATION 5_MISC_HYD 23604	36.49 -0.26 0.00	33.63 -0.48 0.00	32.86 -0.57 0.00	30.48 -0.62 0.00	30.53 -0.53 0.00	32.65 -0.63 0.00	36.31 -0.29 0.00	37.99 -0.19 0.00	39.74 0.28 0.00	40.87 -0.41 0.00	48.32 0.48 0.00	51.11 1.00 0.00	57.81 0.40 0.00	68.77 0.75 0.00	73.82 0.00 -0.53	73.35 -0.36 -1.74	94.76 -0.93 -2.78	92.20 -0.90 -3.46	77.70 -0.90 -3.12	74.55 -1.03 -1.74	57.18 -0.11 -0.62	47.70 0.70 -0.26	40.48 0.24 -0.32	36.51 0.04 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.19 0.44 0.00	34.04 -0.07 0.00	33.27 -0.17 0.00	30.82 -0.28 0.00	30.90 -0.16 0.00	33.05 -0.23 0.00	36.93 0.33 0.00	38.41 0.23 0.00	40.17 0.71 0.00	42.28 0.99 0.00	48.99 1.15 0.00	51.76 1.65 0.00	58.67 1.26 0.00	69.79 1.77 0.00	75.06 1.25 -0.53	74.65 0.94 -1.74	96.44 0.74 -2.78	94.09 0.99 -3.47	79.14 0.53 -3.13	76.11 0.52 -1.75	58.08 0.79 -0.63	48.17 1.17 -0.26	40.48 0.24 -0.32	36.03 -0.44 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.71 -0.04 0.00	33.49 -0.61 0.00	32.73 -0.70 0.00	30.35 -0.75 0.00	30.40 -0.65 0.00	32.52 -0.77 0.00	36.45 -0.15 0.00	37.84 -0.34 0.00	39.58 0.12 0.00	41.66 0.37 0.00	48.22 0.38 0.00	51.01 0.90 0.00	57.64 0.23 0.00	68.57 0.54 0.00	73.66 -0.15 -0.52	73.19 -0.50 -1.72	94.65 -1.02 -2.75	92.16 -0.90 -3.42	77.44 -1.13 -3.09	74.39 -1.18 -1.72	57.00 -0.28 -0.62	47.47 0.47 -0.26	39.88 -0.36 -0.32	35.34 -1.13 0.00
STA_56____34_KV_BUS2 355983	36.71 -0.04 0.00	33.49 -0.61 0.00	32.73 -0.70 0.00	30.35 -0.75 0.00	30.40 -0.65 0.00	32.52 -0.77 0.00	36.45 -0.15 0.00	37.84 -0.34 0.00	39.58 0.12 0.00	41.66 0.37 0.00	48.22 0.38 0.00	51.01 0.90 0.00	57.64 0.23 0.00	68.57 0.54 0.00	73.66 -0.15 -0.52	73.19 -0.50 -1.72	94.65 -1.02 -2.75	92.16 -0.90 -3.42	77.44 -1.13 -3.09	74.39 -1.18 -1.72	57.00 -0.28 -0.62	47.47 0.47 -0.26	39.88 -0.36 -0.32	35.34 -1.13 0.00
STA_67____115KV_BK2 355882	36.78 0.04 0.00	33.56 -0.55 0.00	32.80 -0.64 0.00	30.41 -0.68 0.00	30.46 -0.59 0.00	32.58 -0.70 0.00	36.56 -0.04 0.00	37.88 -0.31 0.00	39.66 0.20 0.00	41.70 0.41 0.00	48.27 0.43 0.00	51.06 0.95 0.00	57.58 0.17 0.00	68.57 0.54 0.00	73.60 -0.22 -0.53	73.13 -0.58 -1.74	94.58 -1.11 -2.77	92.01 -1.08 -3.46	77.32 -1.28 -3.12	74.33 -1.26 -1.74	57.01 -0.28 -0.62	47.56 0.56 -0.26	39.96 -0.28 -0.32	35.37 -1.09 0.00
STA_7____115KV_9TRANS 80674	37.11 0.37 0.00	33.80 -0.31 0.00	33.03 -0.40 0.00	30.60 -0.50 0.00	30.68 -0.37 0.00	32.82 -0.47 0.00	36.82 0.22 0.00	38.18 0.00 0.00	40.02 0.55 0.00	42.11 0.83 0.00	48.75 0.91 0.00	51.56 1.45 0.00	58.21 0.80 0.00	69.25 1.22 0.00	74.33 0.51 -0.53	73.85 0.14 -1.74	95.32 -0.37 -2.78	92.82 -0.27 -3.46	78.08 -0.53 -3.12	75.07 -0.52 -1.74	57.57 0.28 -0.62	48.03 1.03 -0.26	40.28 0.04 -0.32	35.67 -0.80 0.00
STA_82____115KV_TB1 80780	36.82 0.07 0.00	33.60 -0.51 0.00	32.80 -0.64 0.00	30.41 -0.68 0.00	30.49 -0.56 0.00	32.58 -0.70 0.00	36.60 0.00 0.00	37.91 -0.27 0.00	39.70 0.24 0.00	41.74 0.45 0.00	48.32 0.48 0.00	51.11 1.00 0.00	57.64 0.23 0.00	68.63 0.61 0.00	73.67 -0.15 -0.53	73.21 -0.50 -1.75	94.59 -1.11 -2.79	92.13 -0.99 -3.48	77.41 -1.21 -3.14	74.42 -1.18 -1.75	57.07 -0.23 -0.63	47.61 0.61 -0.27	40.01 -0.24 -0.33	35.41 -1.06 0.00
STEEL____WIND 323596	36.09 -0.66 0.00	33.12 -0.99 0.00	32.26 -1.17 0.00	29.95 -1.15 0.00	30.09 -0.96 0.00	32.05 -1.23 0.00	35.83 -0.77 0.00	37.34 -0.84 0.00	39.27 -0.20 0.00	39.96 -1.32 0.00	47.79 -0.05 0.00	50.46 0.35 0.00	56.55 -0.86 0.00	67.28 -0.75 0.00	72.00 -2.05 -0.76	72.24 -2.23 -2.51	91.48 -5.20 -3.77	90.95 -3.68 -4.99	76.74 -3.24 -4.50	73.19 -3.17 -2.51	56.15 -1.41 -0.90	47.45 0.33 -0.38	39.55 -0.80 -0.43	36.29 -0.18 0.00
STEPHTWN_115KV_BK_2 55603	38.18 1.43 0.00	35.51 1.40 0.00	34.74 1.30 0.00	32.34 1.24 0.00	32.23 1.18 0.00	34.58 1.30 0.00	37.81 1.21 0.00	39.94 1.76 0.00	41.36 1.89 0.00	43.27 1.98 0.00	50.23 2.39 0.00	52.31 2.20 0.00	60.05 2.64 0.00	71.22 3.20 0.00	87.09 3.44 -10.36	109.54 3.45 -34.11	127.60 4.55 -30.13	162.83 4.48 -68.72	141.25 3.62 -62.14	112.16 3.62 -34.70	71.86 2.78 -12.42	54.48 2.48 -5.26	45.43 2.00 -3.52	38.11 1.64 0.00

STEUBEN_REC_LFGE 323667	37.81 1.07 0.00	34.41 0.31 0.00	33.57 0.13 0.00	31.19 0.09 0.00	31.30 0.25 0.00	33.42 0.13 0.00	37.66 1.06 0.00	39.06 0.88 0.00	41.00 1.54 0.00	43.23 1.94 0.00	50.13 2.30 0.00	52.76 2.66 0.00	59.36 1.95 0.00	70.61 2.58 0.00	76.15 1.83 -1.03	77.16 1.80 -3.39	98.25 0.46 -4.87	98.17 1.79 -6.74	83.08 1.51 -6.08	78.79 1.55 -3.40	59.81 1.93 -1.22	49.87 2.62 -0.51	41.09 0.60 -0.57	36.65 0.18 0.00
STONY__BROOK 24151	48.76 3.56 -8.45	42.70 3.41 -5.18	45.08 3.21 -8.44	37.67 3.02 -3.56	35.44 2.98 -1.41	37.33 3.23 -0.82	40.21 3.59 -0.02	48.71 4.01 -6.52	50.12 4.42 -6.24	63.24 4.70 -17.25	61.65 4.11 -9.70	119.79 4.21 -65.47	173.83 5.11 -111.32	392.09 5.99 -318.08	425.02 7.62 -344.11	396.63 7.92 -316.74	332.83 10.77 -229.14	392.14 10.48 -292.02	358.78 7.70 -275.59	310.47 7.46 -229.17	440.64 5.61 -378.36	160.44 4.53 -109.17	135.26 4.43 -90.91	48.57 3.50 -8.60
STURGEON_POOL_HYD 23609	39.21 2.46 0.00	36.49 2.39 0.00	35.51 2.07 0.00	33.06 1.96 0.00	32.95 1.89 0.00	35.28 2.00 0.00	38.72 2.12 0.00	41.12 2.94 0.00	42.62 3.16 0.00	44.79 3.51 0.00	51.95 4.11 0.00	54.22 4.11 0.00	62.69 5.28 0.00	74.28 6.26 0.00	86.12 7.26 -5.57	97.88 7.56 -18.35	123.36 6.69 -23.75	133.03 6.45 -36.94	113.74 4.91 -33.35	96.90 4.43 -18.62	66.28 2.95 -6.67	52.09 2.52 -2.82	44.98 2.24 -2.83	38.29 1.82 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.18 1.43 0.00	35.54 1.43 0.00	34.70 1.27 0.00	32.31 1.21 0.00	32.20 1.15 0.00	34.55 1.26 0.00	37.88 1.28 0.00	40.13 1.95 0.00	41.60 2.13 0.00	43.60 2.31 0.00	50.52 2.68 0.00	52.66 2.56 0.00	60.57 3.16 0.00	71.70 3.67 0.00	82.02 4.40 -4.34	90.87 4.61 -14.29	120.66 6.41 -21.34	124.73 6.18 -28.91	106.40 4.83 -26.09	92.84 4.43 -14.56	64.83 2.95 -5.21	51.56 2.62 -2.21	44.73 2.32 -2.50	38.26 1.79 0.00
SWANROAD_115KV_TB1 355699	35.61 -1.14 0.00	32.16 -1.94 0.00	31.36 -2.07 0.00	29.17 -1.93 0.00	29.28 -1.77 0.00	31.19 -2.10 0.00	35.36 -1.24 0.00	36.23 -1.95 0.00	38.04 -1.42 0.00	40.09 -1.20 0.00	46.31 -1.53 0.00	49.00 -1.10 0.00	54.71 -2.70 0.00	65.03 -2.99 0.00	69.43 -4.54 -0.69	69.42 -4.82 -2.27	88.76 -7.62 -3.46	87.25 -6.90 -4.52	73.37 -6.19 -4.08	70.22 -5.91 -2.28	54.19 -3.29 -0.82	45.96 -1.12 -0.35	38.05 -2.28 -0.40	33.59 -2.88 0.00
SYNERGY__BIOGAS 323694	36.67 -0.07 0.00	33.70 -0.41 0.00	32.86 -0.57 0.00	30.44 -0.65 0.00	30.56 -0.50 0.00	32.62 -0.67 0.00	36.45 -0.15 0.00	38.14 -0.04 0.00	40.09 0.63 0.00	40.83 -0.45 0.00	48.65 0.81 0.00	51.56 1.45 0.00	57.92 0.52 0.00	68.97 0.95 0.00	74.13 0.22 -0.62	73.80 -0.22 -2.05	94.68 -1.39 -3.16	92.99 -0.72 -4.08	78.41 -0.75 -3.68	74.28 -1.62 -2.06	57.12 -0.28 -0.74	48.03 0.98 -0.31	40.40 0.12 -0.36	36.73 0.26 0.00
SYRACUSE__ENERGY_ST1 323597	36.75 0.00 0.00	33.97 -0.14 0.00	33.30 -0.13 0.00	30.91 -0.19 0.00	30.90 -0.16 0.00	33.08 -0.20 0.00	36.64 0.04 0.00	38.26 0.08 0.00	39.74 0.28 0.00	41.74 0.45 0.00	48.41 0.57 0.00	50.86 0.75 0.00	58.10 0.69 0.00	68.97 0.95 0.00	74.02 0.73 0.00	72.62 0.65 0.00	95.76 0.56 -2.29	90.28 0.63 -0.02	75.94 0.45 0.00	74.29 0.44 0.00	57.18 0.51 0.00	47.30 0.56 0.00	40.35 0.16 -0.27	36.54 0.07 0.00
SYRACUSE__ENERGY_ST2 323598	36.75 0.00 0.00	33.97 -0.14 0.00	33.30 -0.13 0.00	30.91 -0.19 0.00	30.90 -0.16 0.00	33.08 -0.20 0.00	36.64 0.04 0.00	38.26 0.08 0.00	39.74 0.28 0.00	41.74 0.45 0.00	48.41 0.57 0.00	50.86 0.75 0.00	58.10 0.69 0.00	68.97 0.95 0.00	74.02 0.73 0.00	72.62 0.65 0.00	95.76 0.56 -2.29	90.28 0.63 -0.02	75.94 0.45 0.00	74.29 0.44 0.00	57.18 0.51 0.00	47.30 0.56 0.00	40.35 0.16 -0.27	36.54 0.07 0.00
SYRACUSE__POWER 24017	36.78 0.04 0.00	34.00 -0.10 0.00	33.30 -0.13 0.00	30.94 -0.16 0.00	30.93 -0.12 0.00	33.12 -0.17 0.00	36.67 0.07 0.00	38.30 0.11 0.00	39.78 0.32 0.00	41.78 0.50 0.00	48.41 0.57 0.00	50.86 0.75 0.00	58.10 0.69 0.00	68.97 0.95 0.00	74.54 0.81 -0.44	74.07 0.65 -1.46	95.89 0.56 -2.41	93.25 0.72 -2.90	78.62 0.53 -2.61	75.82 0.52 -1.46	57.70 0.51 -0.52	47.57 0.61 -0.22	40.36 0.16 -0.28	36.36 -0.11 0.00
TALLMAN__138KV_BK151 55660	38.36 1.62 0.00	35.74 1.64 0.00	34.87 1.44 0.00	32.44 1.34 0.00	32.36 1.30 0.00	34.71 1.43 0.00	38.03 1.43 0.00	40.40 2.21 0.00	41.91 2.45 0.00	43.93 2.64 0.00	50.90 3.06 0.00	53.06 2.96 0.00	60.97 3.56 0.00	72.17 4.15 0.00	82.77 4.98 -4.50	92.04 5.25 -14.82	122.41 7.34 -22.15	126.70 7.08 -29.98	108.04 5.51 -27.05	93.97 5.02 -15.10	65.42 3.34 -5.41	51.97 2.94 -2.29	45.15 2.63 -2.59	38.51 2.04 0.00
TEALLAVE_115KV_TB7 355573	36.67 -0.07 0.00	33.90 -0.20 0.00	33.20 -0.23 0.00	30.85 -0.25 0.00	30.84 -0.22 0.00	33.05 -0.23 0.00	36.56 -0.04 0.00	38.18 0.00 0.00	39.66 0.20 0.00	41.66 0.37 0.00	48.27 0.43 0.00	50.71 0.60 0.00	57.93 0.52 0.00	68.77 0.75 0.00	73.87 0.59 0.00	72.40 0.43 0.00	95.32 0.37 -2.03	90.10 0.45 -0.02	75.71 0.23 0.00	74.07 0.22 0.00	57.01 0.34 0.00	47.21 0.47 0.00	40.20 0.04 -0.24	36.21 -0.26 0.00
TELGRAPH_34_KV_EAST 80808	36.49 -0.26 0.00	32.98 -1.13 0.00	32.16 -1.27 0.00	29.82 -1.28 0.00	29.97 -1.09 0.00	31.95 -1.33 0.00	36.20 -0.40 0.00	37.27 -0.92 0.00	39.15 -0.32 0.00	41.29 0.00 0.00	47.69 -0.14 0.00	50.46 0.35 0.00	56.43 -0.98 0.00	67.21 -0.82 0.00	71.74 -2.20 -0.65	71.52 -2.59 -2.14	91.57 -4.65 -3.30	89.94 -3.94 -4.25	75.55 -3.77 -3.84	72.30 -3.69 -2.14	55.73 -1.70 -0.77	47.06 0.00 -0.32	38.99 -1.32 -0.39	34.43 -2.04 0.00
TEMPLE__115KV_TB 2 55572	36.71 -0.04 0.00	33.94 -0.17 0.00	33.23 -0.20 0.00	30.88 -0.22 0.00	30.87 -0.19 0.00	33.05 -0.23 0.00	36.60 0.00 0.00	38.22 0.04 0.00	39.70 0.24 0.00	41.70 0.41 0.00	48.32 0.48 0.00	50.76 0.65 0.00	57.98 0.57 0.00	68.84 0.82 0.00	73.95 0.66 0.00	72.47 0.50 0.00	95.44 0.46 -2.06	90.19 0.54 -0.02	75.79 0.30 0.00	74.14 0.30 0.00	57.06 0.40 0.00	47.25 0.51 0.00	40.24 0.08 -0.24	36.25 -0.22 0.00
TIANA____69_KV_BK 1 55817	48.78 4.30 -7.74	43.36 4.09 -5.16	45.01 3.84 -7.74	38.29 3.64 -3.55	36.03 3.57 -1.41	37.96 3.86 -0.82	40.85 4.25 -0.01	46.41 5.19 -3.04	49.39 5.25 -4.67	58.85 4.62 -12.94	65.27 5.50 -11.93	104.87 5.66 -49.10	147.96 7.06 -83.48	314.81 8.23 -238.55	342.53 9.97 -259.27	223.78 10.08 -141.73	223.23 13.57 -116.75	307.48 13.00 -204.85	299.52 10.19 -213.84	247.46 10.04 -163.57	402.36 7.59 -338.10	188.44 6.31 -135.39	114.37 5.59 -68.86	49.81 4.85 -8.50
TILDEN__115KV_TB1 80814	36.78 0.04 0.00	34.00 -0.10 0.00	33.30 -0.13 0.00	30.94 -0.16 0.00	30.93 -0.12 0.00	33.12 -0.17 0.00	36.67 0.07 0.00	38.30 0.11 0.00	39.78 0.32 0.00	41.78 0.50 0.00	48.41 0.57 0.00	50.86 0.75 0.00	58.10 0.69 0.00	68.97 0.95 0.00	74.54 0.81 -0.44	74.07 0.65 -1.46	95.89 0.56 -2.41	93.25 0.72 -2.90	78.62 0.53 -2.61	75.82 0.52 -1.46	57.70 0.51 -0.52	47.57 0.61 -0.22	40.36 0.16 -0.28	36.36 -0.11 0.00

TRIGEN___CC 323695	42.55 2.46 -3.35	41.67 2.46 -5.10	41.32 2.24 -5.64	36.75 2.11 -3.54	34.54 2.08 -1.41	36.36 2.26 -0.82	38.98 2.38 0.00	41.51 3.21 -0.12	42.82 3.35 0.00	44.26 2.97 0.00	51.38 3.54 0.00	53.66 3.56 0.00	61.89 4.48 0.00	73.06 5.03 0.00	84.50 6.45 -4.76	94.37 6.69 -15.71	125.67 9.29 -23.46	130.33 8.96 -31.73	110.90 6.79 -28.63	96.25 6.42 -15.98	66.92 4.53 -5.72	52.95 3.79 -2.42	46.29 3.63 -2.74	40.94 2.92 -1.56
TRINITY___115KV___4 BK 55933	37.63 0.88 0.00	35.03 0.92 0.00	34.34 0.90 0.00	31.97 0.87 0.00	31.86 0.81 0.00	34.22 0.93 0.00	37.33 0.73 0.00	39.33 1.15 0.00	40.73 1.26 0.00	42.65 1.36 0.00	49.42 1.58 0.00	51.56 1.45 0.00	59.13 1.72 0.00	70.06 2.04 0.00	86.28 2.42 -10.58	109.11 2.30 -34.84	126.29 3.16 -30.21	162.86 3.05 -70.18	141.37 2.42 -63.47	111.65 2.36 -35.44	71.17 1.81 -12.69	53.75 1.64 -5.37	44.84 1.40 -3.53	37.56 1.09 0.00
UNION___PROCESSING_DRP 323587	36.86 0.11 0.00	33.60 -0.51 0.00	32.83 -0.60 0.00	30.45 -0.65 0.00	30.49 -0.56 0.00	32.62 -0.67 0.00	36.60 0.00 0.00	37.95 -0.23 0.00	39.70 0.24 0.00	41.78 0.50 0.00	48.32 0.48 0.00	51.11 1.00 0.00	57.70 0.29 0.00	68.63 0.61 0.00	73.67 -0.15 -0.53	73.22 -0.50 -1.75	94.69 -1.02 -2.79	92.22 -0.90 -3.48	77.42 -1.21 -3.14	74.42 -1.18 -1.75	57.07 -0.23 -0.63	47.66 0.65 -0.27	40.01 -0.24 -0.33	35.41 -1.06 0.00
UPPER HUDSON___HYD 24058	39.47 2.72 0.00	36.53 2.42 0.00	35.74 2.31 0.00	33.24 2.14 0.00	33.13 2.08 0.00	35.61 2.33 0.00	39.12 2.52 0.00	40.97 2.79 0.00	42.78 3.32 0.00	44.75 3.47 0.00	52.19 4.35 0.00	54.77 4.66 0.00	62.92 5.51 0.00	74.82 6.80 0.00	95.08 6.45 -15.34	128.76 6.26 -50.53	131.55 7.25 -31.38	198.31 7.00 -101.68	173.50 5.96 -92.05	131.07 5.83 -51.39	79.65 4.59 -18.40	58.55 4.02 -7.79	46.86 3.27 -3.67	39.13 2.66 0.00
UPPER RAQUET___HYD 24056	35.24 -1.51 0.00	32.68 -1.43 0.00	32.06 -1.37 0.00	29.82 -1.28 0.00	29.81 -1.24 0.00	31.95 -1.33 0.00	35.25 -1.35 0.00	36.58 -1.60 0.00	37.41 -2.05 0.00	39.22 -2.06 0.00	44.39 -3.44 0.00	46.60 -3.51 0.00	53.56 -3.85 0.00	63.47 -4.56 0.00	68.53 -4.76 0.00	67.07 -4.90 0.00	87.16 -5.76 0.00	83.27 -6.36 0.00	70.96 -4.53 0.00	69.49 -4.36 0.00	53.21 -3.46 0.00	43.33 -3.41 0.00	37.96 -1.96 0.00	35.19 -1.28 0.00
VALLEY44_115KV_TB2 355964	36.49 -0.26 0.00	33.08 -1.02 0.00	32.20 -1.24 0.00	29.89 -1.21 0.00	30.03 -1.02 0.00	32.05 -1.23 0.00	36.20 -0.40 0.00	37.49 -0.69 0.00	39.39 -0.08 0.00	41.41 0.12 0.00	47.93 0.10 0.00	50.61 0.50 0.00	56.78 -0.63 0.00	67.55 -0.48 0.00	72.54 -1.61 -0.86	73.15 -1.66 -2.84	90.79 -6.32 -4.19	91.61 -3.67 -5.65	77.86 -2.72 -5.10	74.11 -2.58 -2.84	56.66 -1.02 -1.02	47.59 0.42 -0.43	38.29 -2.12 -0.49	35.01 -1.46 0.00
VALLEY___115KV_TB 1-4 80826	36.97 0.22 0.00	34.31 0.20 0.00	33.63 0.20 0.00	31.25 0.16 0.00	31.21 0.16 0.00	33.48 0.20 0.00	36.78 0.18 0.00	38.45 0.27 0.00	39.82 0.36 0.00	41.74 0.45 0.00	48.36 0.53 0.00	50.71 0.60 0.00	58.04 0.63 0.00	68.70 0.68 0.00	73.95 0.66 0.00	72.54 0.58 0.00	93.57 0.65 0.00	90.35 0.72 0.00	76.09 0.60 0.00	74.44 0.59 0.00	57.18 0.51 0.00	47.16 0.42 0.00	40.20 0.28 0.00	36.65 0.18 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.21 2.46 0.00	36.36 2.25 0.00	35.74 2.31 0.00	33.15 2.05 0.00	33.13 2.08 0.00	35.61 2.33 0.00	39.20 2.60 0.00	41.20 3.02 0.00	42.66 3.20 0.00	44.84 3.55 0.00	51.95 4.11 0.00	54.82 4.71 0.00	62.46 5.05 0.00	74.28 6.26 0.00	83.41 6.67 -3.45	89.82 6.48 -11.38	109.76 7.99 -8.85	120.34 8.07 -22.64	103.06 7.10 -20.48	92.15 6.87 -11.43	66.03 5.27 -4.09	52.63 4.16 -1.73	43.99 3.03 -1.03	39.06 2.59 0.00
VISCHER___FERRY HYD 24020	38.44 1.69 0.00	35.68 1.57 0.00	34.94 1.51 0.00	32.53 1.43 0.00	32.45 1.40 0.00	34.85 1.56 0.00	38.14 1.54 0.00	39.94 1.76 0.00	41.59 2.13 0.00	43.55 2.27 0.00	50.47 2.63 0.00	52.76 2.65 0.00	60.51 3.10 0.00	71.69 3.67 0.00	90.91 4.10 -13.52	120.53 4.03 -44.54	128.74 5.20 -30.63	184.39 5.11 -89.64	160.84 4.22 -81.13	123.28 4.13 -45.30	76.06 3.17 -16.22	56.32 2.71 -6.87	45.73 2.23 -3.58	38.22 1.75 0.00
V_A_10_SYNC_DSASP 323832	35.46 -1.29 0.00	32.64 -1.47 0.00	31.86 -1.57 0.00	29.61 -1.49 0.00	29.69 -1.37 0.00	31.69 -1.60 0.00	35.32 -1.28 0.00	36.84 -1.34 0.00	38.56 -0.91 0.00	39.35 -1.94 0.00	46.83 -1.01 0.00	49.56 -0.55 0.00	55.69 -1.72 0.00	66.25 -1.77 0.00	70.89 -3.01 -0.61	70.73 -3.24 -2.00	91.30 -4.74 -3.11	88.86 -4.75 -3.98	74.92 -4.15 -3.59	71.72 -4.13 -2.00	55.17 -2.21 -0.72	46.48 -0.56 -0.30	39.51 -0.76 -0.35	35.63 -0.84 0.00
V_CMM_10_SYNC_DSASP 323787	36.05 -0.70 0.00	33.46 -0.65 0.00	32.80 -0.64 0.00	30.54 -0.56 0.00	30.50 -0.56 0.00	32.65 -0.63 0.00	35.94 -0.66 0.00	37.31 -0.88 0.00	38.12 -1.34 0.00	39.96 -1.32 0.00	45.87 -1.96 0.00	48.05 -2.06 0.00	55.29 -2.12 0.00	65.51 -2.52 0.00	70.65 -2.64 0.00	69.31 -2.66 0.00	89.58 -3.34 0.00	86.05 -3.59 0.00	72.92 -2.57 0.00	71.41 -2.44 0.00	54.74 -1.93 0.00	44.78 -1.96 0.00	38.52 -1.40 0.00	35.59 -0.88 0.00
V_CMP_10_SYNC_DSASP 323788	36.45 -0.30 0.00	34.01 -0.10 0.00	33.37 -0.07 0.00	31.10 0.00 0.00	31.05 0.00 0.00	33.25 -0.03 0.00	36.71 0.11 0.00	37.99 -0.19 0.00	38.76 -0.71 0.00	40.67 -0.62 0.00	46.78 -1.05 0.00	48.90 -1.20 0.00	56.32 -1.09 0.00	66.66 -1.36 0.00	71.82 -1.47 0.00	70.24 -1.73 0.00	90.41 -2.50 0.00	87.03 -2.60 0.00	74.05 -1.44 0.00	72.59 -1.26 0.00	55.59 -1.08 0.00	45.34 -1.40 0.00	38.84 -1.08 0.00	35.88 -0.58 0.00
V_E_10_SYNC_DSASP 323830	40.24 3.49 0.00	37.07 2.97 0.00	36.34 2.91 0.00	33.59 2.49 0.00	33.66 2.61 0.00	36.11 2.83 0.00	40.11 3.51 0.00	41.93 3.74 0.00	43.69 4.22 0.00	45.58 4.29 0.00	53.10 5.26 0.00	56.37 6.26 0.00	63.84 6.43 0.00	76.18 8.16 0.00	83.63 8.35 -1.99	86.93 8.42 -6.54	110.48 10.13 -7.43	112.98 10.93 -12.42	96.75 10.04 -11.22	89.86 9.75 -6.27	66.39 7.48 -2.24	53.62 5.94 -0.95	44.79 4.11 -0.75	40.15 3.68 0.00
V_F_30_NSYNC___DSASP 323816	39.28 2.53 0.00	36.43 2.32 0.00	35.64 2.21 0.00	33.18 2.08 0.00	33.07 2.02 0.00	35.51 2.23 0.00	38.98 2.38 0.00	40.78 2.60 0.00	42.46 3.00 0.00	44.46 3.18 0.00	51.71 3.87 0.00	54.16 4.06 0.00	62.17 4.76 0.00	73.80 5.78 0.00	94.42 6.01 -15.12	127.68 5.90 -49.81	131.53 7.34 -31.27	197.03 7.17 -100.22	172.17 5.96 -90.72	130.41 5.91 -50.65	79.39 4.59 -18.13	58.30 3.88 -7.68	46.73 3.15 -3.65	39.02 2.55 0.00
V_F_30_SYNC_DSASP 323786	37.77 1.03 0.00	35.20 1.09 0.00	34.47 1.04 0.00	32.09 1.00 0.00	31.99 0.93 0.00	34.35 1.07 0.00	37.48 0.88 0.00	39.52 1.34 0.00	40.92 1.46 0.00	42.85 1.57 0.00	49.70 1.87 0.00	51.86 1.75 0.00	59.53 2.12 0.00	70.54 2.52 0.00	87.84 2.86 -11.69	113.28 2.81 -38.51	127.12 3.72 -30.49	170.67 3.50 -77.54	148.50 2.87 -70.15	115.82 2.81 -39.17	72.78 2.10 -14.02	54.59 1.92 -5.94	45.08 1.60 -3.56	37.75 1.28 0.00

V_XM10_SYNC_DSASP 323789	36.45 -0.30 0.00	34.01 -0.10 0.00	33.37 -0.07 0.00	31.10 0.00 0.00	31.05 0.00 0.00	33.25 -0.03 0.00	36.71 0.11 0.00	37.99 -0.19 0.00	38.76 -0.71 0.00	40.67 -0.62 0.00	46.78 -1.05 0.00	48.90 -1.20 0.00	56.32 -1.09 0.00	66.66 -1.36 0.00	71.82 -1.47 0.00	70.24 -1.73 0.00	90.41 -2.50 0.00	87.03 -2.60 0.00	74.05 -1.44 0.00	72.59 -1.26 0.00	55.59 -1.08 0.00	45.34 -1.40 0.00	38.84 -1.08 0.00	35.88 -0.58 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	38.51 1.76 0.00	35.85 1.74 0.00	34.97 1.54 0.00	32.56 1.46 0.00	32.45 1.40 0.00	34.81 1.53 0.00	38.17 1.57 0.00	40.55 2.37 0.00	42.03 2.57 0.00	44.05 2.77 0.00	51.04 3.21 0.00	53.21 3.11 0.00	61.20 3.79 0.00	72.44 4.42 0.00	83.10 5.28 -4.54	92.45 5.54 -14.94	122.96 7.71 -22.33	127.29 7.44 -30.22	108.56 5.81 -27.27	94.31 5.24 -15.22	65.69 3.57 -5.45	52.13 3.08 -2.31	45.28 2.75 -2.61	38.62 2.15 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	38.84 2.09 0.00	36.22 2.11 0.00	35.34 1.91 0.00	32.87 1.77 0.00	32.76 1.71 0.00	35.18 1.90 0.00	38.54 1.94 0.00	41.05 2.86 0.00	42.62 3.16 0.00	44.71 3.43 0.00	51.76 3.92 0.00	53.87 3.76 0.00	61.89 4.48 0.00	73.26 5.24 0.00	84.21 6.16 -4.76	94.20 6.55 -15.69	125.47 9.11 -23.45	130.22 8.87 -31.72	110.97 6.87 -28.62	96.03 6.20 -15.98	66.47 4.08 -5.72	52.71 3.55 -2.42	45.97 3.31 -2.74	39.06 2.59 0.00
W50THST__13_KV_LOAD 356117	39.10 2.35 0.00	36.46 2.35 0.00	35.54 2.11 0.00	33.09 1.99 0.00	32.95 1.89 0.00	35.41 2.13 0.00	38.83 2.23 0.00	41.39 3.21 0.00	42.94 3.47 0.00	45.08 3.80 0.00	52.19 4.35 0.00	54.27 4.16 0.00	62.35 4.94 0.00	73.80 5.78 0.00	84.79 6.74 -4.76	94.78 7.12 -15.69	126.31 9.94 -23.45	130.94 9.59 -31.72	111.57 7.47 -28.62	96.62 6.79 -15.98	66.86 4.48 -5.72	53.09 3.93 -2.42	46.29 3.63 -2.74	39.31 2.84 0.00
WADING RIVER_IC_1 23522	48.36 3.89 -7.72	42.88 3.61 -5.16	44.57 3.41 -7.73	37.88 3.23 -3.55	35.66 3.20 -1.41	37.53 3.43 -0.82	40.46 3.84 -0.02	47.32 4.24 -4.90	48.74 4.62 -4.66	59.18 4.99 -12.90	64.43 4.69 -11.90	103.83 4.76 -48.96	146.56 5.91 -83.24	312.68 6.80 -237.85	339.87 8.06 -258.52	298.41 8.20 -218.24	281.42 11.24 -177.26	304.36 10.93 -203.80	297.09 8.30 -213.30	293.94 8.42 -211.68	383.78 6.46 -320.66	170.68 5.42 -118.53	113.58 4.99 -68.67	48.96 4.01 -8.48
WADING RIVER_IC_2 23547	48.36 3.89 -7.72	42.88 3.61 -5.16	44.57 3.41 -7.73	37.88 3.23 -3.55	35.66 3.20 -1.41	37.53 3.43 -0.82	40.46 3.84 -0.02	47.32 4.24 -4.90	48.74 4.62 -4.66	59.18 4.99 -12.90	64.43 4.69 -11.90	103.83 4.76 -48.96	146.56 5.91 -83.24	312.68 6.80 -237.85	339.87 8.06 -258.52	298.41 8.20 -218.24	281.42 11.24 -177.26	304.36 10.93 -203.80	297.09 8.30 -213.30	293.94 8.42 -211.68	383.78 6.46 -320.66	170.68 5.42 -118.53	113.58 4.99 -68.67	48.96 4.01 -8.48
WADING RIVER_IC_3 23601	48.36 3.89 -7.72	42.88 3.61 -5.16	44.57 3.41 -7.73	37.88 3.23 -3.55	35.66 3.20 -1.41	37.53 3.43 -0.82	40.46 3.84 -0.02	47.32 4.24 -4.90	48.74 4.62 -4.66	59.18 4.99 -12.90	64.43 4.69 -11.90	103.83 4.76 -48.96	146.56 5.91 -83.24	312.68 6.80 -237.85	339.87 8.06 -258.52	298.41 8.20 -218.24	281.42 11.24 -177.26	304.36 10.93 -203.80	297.09 8.30 -213.30	293.94 8.42 -211.68	383.78 6.46 -320.66	170.68 5.42 -118.53	113.58 4.99 -68.67	48.96 4.01 -8.48
WALDENNY_12_KV_BK2 80841	36.60 -0.15 0.00	33.08 -1.02 0.00	32.26 -1.17 0.00	29.95 -1.15 0.00	30.06 -0.99 0.00	32.05 -1.23 0.00	36.31 -0.29 0.00	37.34 -0.84 0.00	39.27 -0.20 0.00	41.37 0.08 0.00	47.88 0.05 0.00	50.56 0.45 0.00	56.55 -0.86 0.00	67.27 -0.75 0.00	71.92 -2.13 -0.75	72.15 -2.30 -2.48	91.45 -5.20 -3.73	90.63 -3.94 -4.94	76.39 -3.55 -4.46	73.01 -3.32 -2.49	56.08 -1.47 -0.89	47.44 0.33 -0.38	38.96 -1.40 -0.44	34.72 -1.75 0.00
WALDEN__HYDRO 24148	38.62 1.87 0.00	35.81 1.70 0.00	34.97 1.54 0.00	32.53 1.43 0.00	32.42 1.36 0.00	34.78 1.50 0.00	38.21 1.61 0.00	40.13 1.95 0.00	41.83 2.37 0.00	43.93 2.64 0.00	50.80 2.97 0.00	52.96 2.85 0.00	60.91 3.50 0.00	72.10 4.08 0.00	82.65 4.84 -4.52	91.98 5.11 -14.90	122.52 7.06 -22.55	126.76 7.00 -30.13	108.17 5.51 -27.18	94.11 5.09 -15.17	65.67 3.57 -5.43	52.07 3.04 -2.30	45.28 2.72 -2.64	38.40 1.93 0.00
WARRENSBURG____ 23737	39.47 2.72 0.00	36.53 2.42 0.00	35.74 2.31 0.00	33.24 2.14 0.00	33.13 2.08 0.00	35.61 2.33 0.00	39.12 2.52 0.00	40.97 2.79 0.00	42.78 3.32 0.00	44.75 3.47 0.00	52.19 4.35 0.00	54.77 4.66 0.00	62.92 5.51 0.00	74.82 6.80 0.00	95.08 6.45 -15.34	128.76 6.26 -50.53	131.55 7.25 -31.38	198.31 7.00 -101.68	173.50 5.96 -92.05	131.07 5.83 -51.39	79.65 4.59 -18.40	58.55 4.02 -7.79	46.86 3.27 -3.67	39.13 2.66 0.00
WATERSIDE____6 8 9 23538	38.88 2.13 0.00	36.25 2.15 0.00	35.34 1.91 0.00	32.87 1.77 0.00	32.76 1.71 0.00	35.15 1.86 0.00	38.43 1.83 0.00	41.01 2.83 0.00	42.53 3.08 0.01	44.58 3.30 0.01	51.37 3.54 0.01	53.46 3.36 0.01	62.82 4.08 -1.33	68.66 4.76 4.13	61.92 5.64 17.01	69.35 5.97 8.59	110.52 8.46 -9.14	114.55 8.16 -16.76	71.72 6.34 10.11	68.92 5.76 10.68	52.20 3.74 8.20	52.38 3.22 -2.41	45.77 3.11 -2.74	39.06 2.59 0.00
WATKINRD_115KV_LN8_ILLION 55919	37.00 0.26 0.00	34.35 0.24 0.00	33.67 0.23 0.00	31.28 0.19 0.00	31.24 0.19 0.00	33.52 0.23 0.00	36.82 0.22 0.00	38.49 0.31 0.00	39.86 0.39 0.00	41.78 0.50 0.00	48.36 0.53 0.00	50.76 0.65 0.00	58.04 0.63 0.00	68.77 0.75 0.00	74.02 0.73 0.00	72.62 0.65 0.00	93.75 0.84 0.00	90.53 0.90 0.00	76.31 0.83 0.00	74.58 0.74 0.00	57.29 0.62 0.00	47.25 0.51 0.00	40.24 0.32 0.00	36.69 0.22 0.00
WATSON__69_KV_BK 1 55734	48.01 3.78 -7.48	42.89 3.65 -5.13	43.53 3.38 -6.72	37.88 3.23 -3.54	35.63 3.17 -1.41	37.56 3.46 -0.82	40.37 3.77 -0.01	44.54 4.66 -1.70	46.43 4.62 -2.35	51.79 4.00 -6.50	74.58 4.83 -21.91	79.58 4.81 -24.66	105.43 6.09 -41.93	194.92 7.07 -119.82	214.76 8.87 -132.60	163.74 9.21 -82.56	177.75 12.45 -72.38	221.34 12.10 -119.61	206.35 9.21 -121.66	145.22 8.94 -62.44	206.09 6.63 -142.79	91.40 5.33 -39.33	80.66 4.79 -35.95	51.52 4.34 -10.72
WDELAWARE__HYD 323627	38.66 1.91 0.00	35.81 1.70 0.00	34.94 1.51 0.00	32.50 1.40 0.00	32.39 1.33 0.00	34.75 1.46 0.00	38.21 1.61 0.00	40.13 1.95 0.00	42.58 3.12 0.00	44.79 3.51 0.00	51.81 3.97 0.00	54.22 4.11 0.00	62.46 5.05 0.00	74.01 5.99 0.00	84.57 6.82 -4.46	93.80 7.13 -14.71	118.53 5.11 -20.50	123.32 4.48 -29.20	105.24 3.40 -26.36	91.59 3.03 -14.71	64.26 2.32 -5.27	50.84 1.87 -2.23	44.02 1.72 -2.38	37.53 1.06 0.00
WEST BABYLON__IC 23714	45.12 3.53 -4.85	42.59 3.38 -5.11	42.51 3.14 -5.93	37.62 2.99 -3.54	35.38 2.92 -1.41	37.29 3.20 -0.82	40.00 3.40 0.00	42.96 4.24 -0.54	44.29 4.26 -0.57	46.52 3.67 -1.56	61.74 4.45 -9.46	60.50 4.46 -5.94	73.13 5.63 -10.09	103.46 6.60 -28.84	117.18 8.35 -35.53	107.18 8.64 -26.58	138.89 11.71 -34.26	149.92 11.38 -48.90	135.18 8.68 -51.02	109.73 8.34 -27.54	102.91 6.12 -40.13	64.36 4.91 -12.72	55.20 4.55 -10.73	45.80 4.08 -5.25

WEST CANADA___HYD 24049	36.93 0.18 0.00	34.28 0.17 0.00	33.60 0.17 0.00	31.25 0.16 0.00	31.21 0.16 0.00	33.45 0.17 0.00	36.78 0.18 0.00	38.37 0.19 0.00	39.74 0.28 0.00	41.61 0.33 0.00	48.22 0.38 0.00	50.56 0.45 0.00	57.87 0.46 0.00	68.56 0.54 0.00	73.81 0.52 0.00	72.48 0.51 0.00	93.66 0.74 0.00	90.35 0.71 0.00	76.08 0.60 0.00	74.43 0.59 0.00	57.12 0.45 0.00	47.11 0.37 0.00	40.20 0.28 0.00	36.65 0.18 0.00
WESTERN_NY_WIND 24143	36.60 -0.15 0.00	33.63 -0.48 0.00	32.80 -0.64 0.00	30.38 -0.71 0.00	30.53 -0.53 0.00	32.55 -0.73 0.00	36.42 -0.18 0.00	38.07 -0.11 0.00	40.02 0.55 0.00	40.75 -0.54 0.00	48.56 0.72 0.00	51.46 1.35 0.00	57.76 0.35 0.00	68.84 0.82 0.00	73.99 0.07 -0.63	73.69 -0.36 -2.08	94.53 -1.58 -3.19	92.88 -0.90 -4.14	78.23 -0.98 -3.73	74.09 -1.84 -2.08	57.02 -0.39 -0.75	47.94 0.89 -0.32	40.32 0.04 -0.36	36.69 0.22 0.00
WESTOVER___LESR 323668	37.26 0.51 0.00	34.38 0.27 0.00	33.63 0.20 0.00	31.28 0.19 0.00	31.27 0.22 0.00	33.48 0.20 0.00	37.11 0.51 0.00	38.79 0.61 0.00	40.29 0.83 0.00	42.32 1.03 0.00	49.03 1.20 0.00	51.56 1.45 0.00	58.67 1.26 0.00	69.59 1.56 0.00	76.28 1.39 -1.60	78.53 1.30 -5.26	100.94 0.93 -7.09	101.62 1.52 -10.46	86.21 1.28 -9.44	80.37 1.26 -5.27	59.80 1.25 -1.89	48.94 1.40 -0.80	41.23 0.48 -0.83	36.69 0.22 0.00
WETHRSFD_WT_PWR 323626	36.16 -0.59 0.00	33.22 -0.89 0.00	32.36 -1.07 0.00	30.07 -1.03 0.00	30.15 -0.90 0.00	32.19 -1.10 0.00	35.90 -0.70 0.00	37.50 -0.69 0.00	39.39 -0.08 0.00	40.26 -1.03 0.00	47.84 0.00 0.00	50.56 0.45 0.00	56.83 -0.57 0.00	67.55 -0.47 0.00	72.61 -1.54 -0.86	73.15 -1.65 -2.84	93.11 -3.99 -4.19	92.68 -2.60 -5.65	78.16 -2.42 -5.10	74.33 -2.37 -2.85	56.78 -0.91 -1.02	47.73 0.56 -0.43	39.96 -0.44 -0.48	36.40 -0.07 0.00
WHAVSTOR_138KV_BK127 55557	38.29 1.54 0.00	35.68 1.57 0.00	34.80 1.37 0.00	32.40 1.31 0.00	32.30 1.24 0.00	34.68 1.40 0.00	37.99 1.39 0.00	40.36 2.18 0.00	41.83 2.37 0.00	43.89 2.60 0.00	50.80 2.97 0.00	52.96 2.86 0.00	60.85 3.44 0.00	72.04 4.01 0.00	82.67 4.84 -4.54	92.04 5.11 -14.96	122.34 7.06 -22.37	126.80 6.90 -30.27	108.15 5.36 -27.31	93.97 4.87 -15.25	65.35 3.23 -5.46	51.90 2.85 -2.31	45.09 2.55 -2.61	38.47 2.01 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	38.29 1.54 0.00	35.68 1.57 0.00	34.80 1.37 0.00	32.40 1.31 0.00	32.30 1.24 0.00	34.68 1.40 0.00	37.99 1.39 0.00	40.36 2.18 0.00	41.83 2.37 0.00	43.89 2.60 0.00	50.80 2.97 0.00	52.96 2.86 0.00	60.85 3.44 0.00	72.04 4.01 0.00	82.67 4.84 -4.54	92.04 5.11 -14.96	122.34 7.06 -22.37	126.80 6.90 -30.27	108.15 5.36 -27.31	93.97 4.87 -15.25	65.35 3.23 -5.46	51.90 2.85 -2.31	45.09 2.55 -2.61	38.47 2.01 0.00
WHITEHAL_115KV_TB1 80871	41.16 4.41 0.00	38.06 3.96 0.00	37.14 3.71 0.00	34.55 3.45 0.00	34.41 3.35 0.00	37.08 3.79 0.00	40.77 4.17 0.00	42.92 4.73 0.00	44.75 5.29 0.00	46.78 5.49 0.00	54.73 6.89 0.00	57.62 7.52 0.00	66.14 8.73 0.00	78.77 10.75 0.00	99.00 10.48 -15.23	132.44 10.29 -50.18	136.52 12.26 -31.34	202.44 11.83 -100.97	176.93 10.04 -91.41	134.85 9.97 -51.03	82.87 7.93 -18.27	61.11 6.64 -7.74	48.73 5.15 -3.66	40.77 4.30 0.00
WHITEPLN_13_KV_LOAD 356215	38.99 2.24 0.00	36.32 2.22 0.00	35.44 2.01 0.00	32.96 1.87 0.00	32.85 1.80 0.00	35.28 2.00 0.00	38.69 2.09 0.00	41.20 3.02 0.00	42.74 3.28 0.00	44.84 3.55 0.00	52.00 4.16 0.00	54.22 4.11 0.00	62.29 4.88 0.00	73.80 5.78 0.00	84.78 6.74 -4.75	94.59 6.98 -15.64	125.87 9.57 -23.38	130.58 9.32 -31.63	111.34 7.32 -28.54	96.42 6.65 -15.93	66.90 4.53 -5.70	53.03 3.88 -2.42	46.08 3.43 -2.73	39.17 2.70 0.00
WM_FLOYD_69_KV_BK2 356380	48.18 3.64 -7.80	42.82 3.55 -5.16	44.55 3.34 -7.77	37.79 3.14 -3.55	35.57 3.11 -1.41	37.46 3.36 -0.82	40.27 3.66 -0.01	45.93 4.54 -3.21	48.75 4.54 -4.75	58.23 3.80 -13.15	64.38 4.50 -12.04	104.63 4.61 -49.91	148.07 5.80 -84.86	317.30 6.80 -242.48	345.10 8.35 -263.46	232.05 8.56 -151.52	226.71 11.61 -122.18	311.28 11.20 -210.44	301.13 8.76 -216.89	291.26 8.64 -208.77	445.36 6.52 -382.18	228.21 5.28 -176.19	114.66 4.79 -69.95	49.21 4.16 -8.58
WOODARD__115KV_TB2 355635	36.64 -0.11 0.00	33.87 -0.24 0.00	33.17 -0.27 0.00	30.82 -0.28 0.00	30.81 -0.25 0.00	32.98 -0.30 0.00	36.53 -0.07 0.00	38.14 -0.04 0.00	39.58 0.12 0.00	41.57 0.29 0.00	48.17 0.33 0.00	50.61 0.50 0.00	57.81 0.40 0.00	68.63 0.61 0.00	73.73 0.44 0.00	72.26 0.29 0.00	95.15 0.19 -2.05	89.92 0.27 -0.02	75.56 0.08 0.00	73.92 0.07 0.00	56.89 0.23 0.00	47.11 0.37 0.00	40.12 -0.04 -0.24	36.18 -0.29 0.00
YORK___WARBASSE 23770	39.10 2.35 0.00	36.50 2.39 -0.01	35.58 2.14 -0.01	33.10 1.99 -0.01	32.96 1.89 -0.01	35.35 2.06 0.00	38.54 1.94 0.00	41.20 3.02 0.00	42.87 3.35 -0.06	44.89 3.55 -0.06	51.66 3.83 0.01	53.71 3.61 0.01	68.63 4.36 -6.86	83.48 5.10 -10.35	72.92 6.01 6.37	89.87 6.33 -11.57	112.69 8.92 -10.85	116.79 8.60 -18.55	94.87 6.79 -12.59	90.08 6.13 -10.11	54.15 4.02 6.54	52.61 3.46 -2.41	46.05 3.39 -2.74	39.24 2.77 0.00