

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion												07/09/2024		
Generator Data																										
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	
59TH STREET_GT_1	24138	33.56	40.37	36.77	39.58	31.29	28.66	36.50	41.43	45.79	48.76	43.76	54.77	57.71	69.65	75.02	73.99	87.16	161.12	109.96	73.59	76.11	76.80	51.86	52.20	
		2.58	2.97	2.61	2.39	2.02	2.15	2.74	3.35	3.86	4.26	3.75	4.26	5.09	6.34	7.21	7.66	9.16	15.54	9.53	6.23	5.82	5.22	4.12	4.02	
		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	-1.86	0.00	-1.86	-8.68	0.00	0.00	
74TH STREET_GT_1	24260	33.69	40.52	36.89	39.71	31.40	28.74	36.56	41.43	45.76	48.73	43.71	54.73	57.70	69.63	74.96	73.93	87.10	161.17	110.09	73.71	76.26	76.97	52.04	52.40	
		2.71	3.12	2.73	2.52	2.13	2.23	2.80	3.35	3.83	4.23	3.70	4.23	5.08	6.33	7.15	7.60	9.11	15.60	9.66	6.34	5.96	5.40	4.31	4.22	
		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	-1.86	0.00	-1.86	-8.68	0.00	0.00	
74TH STREET_GT_2	24261	33.69	40.52	36.89	39.71	31.40	28.74	36.56	41.43	45.76	48.73	43.71	54.73	57.70	69.63	74.96	73.93	87.10	161.17	110.09	73.71	76.26	76.97	52.04	52.40	
		2.71	3.12	2.73	2.52	2.13	2.23	2.80	3.35	3.83	4.23	3.70	4.23	5.08	6.33	7.15	7.60	9.11	15.60	9.66	6.34	5.96	5.40	4.31	4.22	
		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	-1.86	0.00	-1.86	-8.68	0.00	0.00	
ADK HUDSON___FALLS	24011	33.23	40.31	36.74	39.80	31.35	28.61	36.39	41.18	45.31	47.75	42.62	53.78	56.06	67.83	72.98	71.79	84.57	159.37	129.14	74.02	95.87	165.43	51.59	51.70	
		2.25	2.91	2.58	2.61	2.09	2.10	2.62	3.10	3.37	3.25	2.61	3.28	3.44	4.53	5.18	5.46	6.58	13.80	9.81	6.65	6.67	5.74	3.85	3.52	
		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	-20.76	-0.01	-20.76	-96.79	0.00	0.00	
ADK RESOURCE___RCVRY	23798	33.41	40.59	37.02	40.12	31.60	28.85	36.71	41.58	45.73	48.07	42.88	54.23	56.45	68.43	73.54	72.39	85.43	161.19	130.31	74.71	96.57	166.27	51.67	51.76	
		2.43	3.19	2.86	2.93	2.33	2.34	2.95	3.50	3.80	3.56	2.87	3.72	3.83	5.12	5.73	6.06	7.44	15.61	10.88	7.34	7.27	6.09	3.93	3.58	
		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	-20.87	-0.01	-20.87	-97.28	0.00	0.00	
ADK S GLENS___FALLS	24028	33.23	40.31	36.74	39.80	31.35	28.61	36.39	41.18	45.31	47.75	42.62	53.78	56.06	67.83	72.98	71.79	84.57	159.37	129.14	74.02	95.87	165.43	51.59	51.70	
		2.25	2.91	2.58	2.61	2.09	2.10	2.62	3.10	3.37	3.25	2.61	3.28	3.44	4.53	5.18	5.46	6.58	13.80	9.81	6.65	6.67	5.74	3.85	3.52	
		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	-20.76	-0.01	-20.76	-96.79	0.00	0.00	
ADK_NYS___DAM	23527	32.78	39.85	36.38	39.37	31.03	28.27	35.72	40.32	44.35	46.69	41.88	52.68	54.89	66.23	71.14	69.84	82.37	154.77	119.46	71.14	87.34	136.58	50.79	51.17	
		1.79	2.45	2.22	2.18	1.77	1.75	1.95	2.24	2.42	2.19	1.87	2.17	2.27	2.92	3.33	3.51	4.38	9.20	5.91	3.77	3.93	3.82	3.06	2.99	
		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	-14.99	0.00	-14.99	-69.86	0.00	0.00	
AIR_PRODUCTS___DRP	24190	31.60	38.31	34.94	37.82	29.82	27.17	34.48	38.89	42.79	45.19	40.53	50.87	53.22	64.23	68.94	67.64	79.74	149.12	111.71	68.79	80.79	115.23	48.72	49.12	
		0.62	0.92	0.78	0.63	0.56	0.66	0.72	0.81	0.86	0.69	0.52	0.37	0.60	0.92	1.14	1.31	1.75	3.54	2.19	1.42	1.40	1.24	0.98	0.94	
		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	-10.96	0.00	-10.96	-51.09	0.00	0.00	
AKWESSNE_115KV_BK	355683	30.18	36.20	33.23	36.39	28.61	25.74	32.95	37.14	40.86	43.30	38.92	49.39	51.06	61.06	65.05	62.83	47.67	125.79	94.61	64.85	65.96	60.73	46.43	47.10	
		-0.80	-1.20	-0.93	-0.80	-0.66	-0.77	-0.81	-0.94	-1.07	-1.20	-1.09	-1.11	-1.56	-2.25	-2.75	-3.33	-3.91	-6.58	-3.96	-2.51	-2.47	-2.17	-1.31	-1.08	
		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	0.00	0.17	26.41	13.21	0.00	0.00	0.00	0.00	0.00	0.00	
ALBANY_1_SOLAR	323833	32.25	39.13	35.68	38.66	30.47	27.72	35.21	39.60	43.36	45.63	40.67	50.46	52.48	63.30	68.03	63.82	78.98	148.45	109.34	70.11	79.04	102.92	49.22	50.14	
		1.26	1.73	1.52	1.47	1.20	1.21	1.45	1.52	1.43	1.13	0.66	-0.04	-0.14	0.00	0.23	0.54	0.99	2.87	2.54	2.75	2.38	1.62	1.49	1.96	
		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	3.05	0.00	0.00	-8.24	0.00	-8.24	-38.40	0.00	0.00	
ALBANY_2_SOLAR	323834	32.24	39.12	35.67	38.64	30.46	27.71	35.19	39.59	43.35	45.63	40.67	50.44	52.46	63.29	68.02	63.78	78.96	148.33	109.27	70.08	79.01	102.87	49.20	50.12	
		1.26	1.72	1.52	1.45	1.20	1.20	1.43	1.51	1.42	1.13	0.65	-0.07	-0.16	-0.02	0.21	0.50	0.97	2.76	2.47	2.71	2.35	1.59	1.46	1.94	
		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	3.05	0.00	0.00	-8.23	0.00	-8.23	-38.39	0.00	0.00	
ALBANY___1	23571	31.60	38.31	34.94	37.82	29.82	27.17	34.48	38.89	42.79	45.19	40.53	50.87	53.22	64.23	68.94	67.64	79.74	149.12	111.71	68.79	80.79	115.23	48.72	49.12	
		0.62	0.92	0.78	0.63	0.56	0.66	0.72	0.81	0.86	0.69	0.52	0.37	0.60	0.92	1.14	1.31	1.75	3.54	2.19	1.42	1.40	1.24	0.98	0.94	
		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	-10.96	0.00	-10.96	-51.09	0.00	0.00	

ALBANY___2 23572	31.60 0.62 0.00	38.31 0.92 0.00	34.94 0.78 0.00	37.82 0.63 0.00	29.82 0.56 0.00	27.17 0.66 0.00	34.48 0.72 0.00	38.89 0.81 0.00	42.79 0.86 0.00	45.19 0.69 0.00	40.53 0.52 0.00	50.87 0.37 0.00	53.22 0.60 0.00	64.23 0.92 0.00	68.94 1.14 0.00	67.64 1.31 0.00	79.74 1.75 0.00	149.12 3.54 0.00	111.71 2.19 -10.96	68.79 1.42 0.00	80.79 1.40 -10.96	115.23 1.24 -51.09	48.72 0.98 0.00	49.12 0.94 0.00
ALBANY___3 23573	31.60 0.62 0.00	38.31 0.92 0.00	34.94 0.78 0.00	37.82 0.63 0.00	29.82 0.56 0.00	27.17 0.66 0.00	34.48 0.72 0.00	38.89 0.81 0.00	42.79 0.86 0.00	45.19 0.69 0.00	40.53 0.52 0.00	50.87 0.37 0.00	53.22 0.60 0.00	64.23 0.92 0.00	68.94 1.14 0.00	67.64 1.31 0.00	79.74 1.75 0.00	149.12 3.54 0.00	111.71 2.19 -10.96	68.79 1.42 0.00	80.79 1.40 -10.96	115.23 1.24 -51.09	48.72 0.98 0.00	49.12 0.94 0.00
ALBANY___4 23574	31.60 0.62 0.00	38.31 0.92 0.00	34.94 0.78 0.00	37.82 0.63 0.00	29.82 0.56 0.00	27.17 0.66 0.00	34.48 0.72 0.00	38.89 0.81 0.00	42.79 0.86 0.00	45.19 0.69 0.00	40.53 0.52 0.00	50.87 0.37 0.00	53.22 0.60 0.00	64.23 0.92 0.00	68.94 1.14 0.00	67.64 1.31 0.00	79.74 1.75 0.00	149.12 3.54 0.00	111.71 2.19 -10.96	68.79 1.42 0.00	80.79 1.40 -10.96	115.23 1.24 -51.09	48.72 0.98 0.00	49.12 0.94 0.00
ALBANY___LFGE 323615	32.02 1.03 0.00	38.81 1.41 0.00	35.37 1.22 0.00	38.30 1.11 0.00	30.20 0.93 0.00	27.51 1.00 0.00	34.92 1.16 0.00	39.42 1.34 0.00	43.37 1.44 0.00	45.85 1.35 0.00	41.15 1.14 0.00	51.72 1.22 0.00	54.11 1.49 0.00	65.35 2.04 0.00	70.18 2.37 0.00	68.90 2.57 0.00	81.16 3.17 0.00	151.81 6.23 0.00	116.38 3.97 -13.84	69.95 2.59 0.00	84.86 2.59 -13.84	129.71 2.29 -64.53	49.48 1.75 0.00	49.85 1.67 0.00
ALCOA_PA_115KV_PL-6C 55860	30.09 -0.89 0.00	36.11 -1.28 0.00	33.17 -0.98 0.00	36.32 -0.86 0.00	28.54 -0.73 0.00	25.67 -0.84 0.00	32.88 -0.88 0.00	37.06 -1.02 0.00	40.72 -1.21 0.00	43.16 -1.35 0.00	38.76 -1.25 0.00	49.21 -1.29 0.00	50.87 -1.75 0.00	60.75 -2.55 0.00	64.77 -3.03 0.00	62.65 -3.45 0.23	48.52 -3.91 25.56	126.43 -6.37 12.78	94.74 -3.82 0.00	64.94 -2.42 0.00	66.10 -2.33 0.00	60.93 -1.96 0.00	46.34 -1.40 0.00	46.98 -1.20 0.00
ALCOA_RYNLDS___DRP 24188	30.09 -0.89 0.00	36.11 -1.28 0.00	33.17 -0.98 0.00	36.32 -0.86 0.00	28.54 -0.73 0.00	25.67 -0.84 0.00	32.88 -0.88 0.00	37.06 -1.02 0.00	40.72 -1.21 0.00	43.16 -1.35 0.00	38.76 -1.25 0.00	49.21 -1.29 0.00	50.87 -1.75 0.00	60.75 -2.55 0.00	64.77 -3.03 0.00	62.65 -3.45 0.23	48.52 -3.91 25.56	126.43 -6.37 12.78	94.74 -3.82 0.00	64.94 -2.42 0.00	66.10 -2.33 0.00	60.93 -1.96 0.00	46.34 -1.40 0.00	46.98 -1.20 0.00
ALCOA___DSASP 323711	30.09 -0.89 0.00	36.12 -1.28 0.00	33.17 -0.98 0.00	36.32 -0.87 0.00	28.54 -0.72 0.00	25.67 -0.84 0.00	32.88 -0.88 0.00	37.06 -1.02 0.00	40.72 -1.21 0.00	43.16 -1.35 0.00	38.76 -1.25 0.00	49.21 -1.29 0.00	50.87 -1.76 0.00	60.75 -2.55 0.00	64.77 -3.03 0.00	62.65 -3.45 0.23	48.52 -3.91 25.56	126.43 -6.37 12.78	94.73 -3.83 0.00	64.94 -2.42 0.00	66.10 -2.33 0.00	60.94 -1.96 0.00	46.34 -1.40 0.00	46.98 -1.20 0.00
ALLEGHENY___COGEN 23514	32.72 1.73 0.00	39.40 2.00 0.00	35.92 1.76 0.00	38.76 1.57 0.00	30.41 1.15 0.00	27.66 1.15 0.00	35.39 1.63 0.00	39.86 1.78 0.00	43.12 1.20 0.00	45.87 1.37 0.00	41.22 1.21 0.00	52.37 1.87 0.00	54.35 1.73 0.00	63.58 0.27 0.00	64.07 -3.74 0.00	63.72 -2.61 0.00	73.95 -4.04 0.00	137.05 -8.53 0.00	93.53 -5.03 0.00	64.85 -2.51 0.00	65.82 -2.61 0.00	60.89 -2.00 0.00	49.46 1.72 0.00	50.10 1.92 0.00
ALTAMONT_115KV_TB 2 55880	31.95 0.97 0.00	38.74 1.35 0.00	35.34 1.18 0.00	38.26 1.08 0.00	30.16 0.90 0.00	27.45 0.94 0.00	34.87 1.11 0.00	39.32 1.24 0.00	43.25 1.32 0.00	45.74 1.24 0.00	41.02 1.01 0.00	51.52 1.02 0.00	53.85 1.23 0.00	64.99 1.68 0.00	69.77 1.96 0.00	68.64 2.12 -0.19	80.62 2.63 0.00	150.60 5.02 0.00	110.64 3.28 -8.79	69.59 2.23 0.00	79.47 2.25 -8.79	105.86 1.99 -40.98	49.29 1.55 0.00	49.70 1.52 0.00
ALTONA_WT_PWR 323606	30.63 -0.35 0.00	36.72 -0.68 0.00	33.66 -0.50 0.00	36.71 -0.48 0.00	28.97 -0.30 0.00	26.24 -0.27 0.00	33.54 -0.22 0.00	37.89 -0.19 0.00	41.61 -0.32 0.00	43.96 -0.54 0.00	39.46 -0.56 0.00	49.44 -1.06 0.00	50.62 -2.01 0.00	60.57 -2.74 0.00	64.56 -3.24 0.00	61.33 -4.83 0.16	45.66 -5.84 26.50	123.64 -8.68 13.25	92.67 -5.90 0.00	63.53 -3.83 0.00	64.76 -3.67 0.00	59.83 -3.06 0.00	46.14 -1.60 0.00	47.33 -0.85 0.00
AMERICAN_REF_FUEL 24010	30.65 -0.34 0.00	36.66 -0.74 0.00	33.57 -0.58 0.00	36.23 -0.96 0.00	28.47 -0.80 0.00	25.79 -0.72 0.00	32.92 -0.85 0.00	36.89 -1.19 0.00	40.94 -0.99 0.00	43.99 -0.51 0.00	39.98 -0.04 0.00	51.13 0.63 0.00	52.74 0.12 0.00	63.17 -0.13 0.00	67.04 -0.77 0.00	65.96 -0.37 0.00	75.94 -2.05 0.00	140.13 -5.45 0.00	94.80 -3.77 0.00	65.39 -1.97 0.00	66.26 -2.17 0.00	60.64 -2.26 0.00	46.30 -1.44 0.00	47.26 -0.92 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.12 1.14 0.00	38.40 1.01 0.00	34.88 0.72 0.00	37.41 0.22 0.00	29.23 -0.03 0.00	26.71 0.20 0.00	34.16 0.40 0.00	38.88 0.80 0.00	43.42 1.49 0.00	46.75 2.25 0.00	42.43 2.42 0.00	54.07 3.57 0.00	56.22 3.60 0.00	67.31 4.00 0.00	71.43 3.63 0.00	70.31 3.98 0.00	81.48 3.49 0.00	150.06 4.49 0.00	101.45 2.88 0.00	69.81 2.45 0.00	71.49 3.06 0.00	65.51 2.62 0.00	49.66 1.92 0.00	50.33 2.15 0.00
ARTHUR KILL_GT_1 23520	33.41 2.43 0.00	39.33 2.62 0.69	36.60 2.44 0.00	39.20 2.01 0.00	31.17 1.90 0.00	28.53 2.02 0.00	36.22 2.46 0.00	38.88 2.67 1.87	39.51 3.10 5.52	39.94 3.39 7.96	43.06 3.06 0.00	53.83 3.33 0.00	56.87 4.25 0.00	68.69 5.39 0.00	73.98 6.17 0.00	72.98 6.65 0.00	86.09 8.10 0.00	159.36 13.78 0.00	109.04 8.61 -1.86	73.08 5.72 0.00	75.64 5.35 -1.86	76.38 4.81 -8.68	51.47 3.74 0.00	51.75 3.56 0.00
ARTHUR_KILL_2 23512	33.29 2.30 0.00	39.17 2.47 0.69	36.47 2.31 0.00	39.07 1.88 0.00	31.06 1.80 0.00	28.43 1.92 0.00	36.08 2.32 0.00	38.73 2.52 1.87	39.33 2.93 5.52	39.75 3.20 7.96	42.88 2.87 0.00	53.58 3.08 0.00	56.62 4.00 0.00	68.38 5.08 0.00	73.64 5.83 0.00	72.65 6.32 0.00	85.66 7.67 0.00	158.56 12.98 0.00	108.50 8.07 -1.86	72.70 5.34 0.00	75.25 4.95 -1.86	76.02 4.45 -8.68	51.20 3.47 0.00	51.50 3.32 0.00
ARTHUR_KILL_3 23513	33.23 2.24 0.00	39.23 2.53 0.70	36.36 2.20 0.00	39.12 1.93 0.00	30.96 1.70 0.00	28.35 1.84 0.00	36.01 2.25 0.00	38.13 2.69 2.64	39.48 3.08 5.53	39.97 3.43 7.96	42.97 2.96 0.00	50.79 3.29 3.00	56.70 4.08 0.00	68.46 5.16 0.00	73.67 5.87 0.00	72.67 6.34 0.00	85.62 7.63 0.00	158.44 12.87 0.01	108.33 7.90 -1.86	72.51 5.15 0.00	75.01 4.72 -1.86	75.84 4.27 -8.68	51.14 3.40 0.00	50.39 3.30 1.10

ARTHUR_KILL_COGEN 323718	33.41 2.43 0.00	39.33 2.62 0.69	36.60 2.44 0.00	39.20 2.01 0.00	31.17 1.90 0.00	28.53 2.02 0.00	36.22 2.46 0.00	38.88 2.67 1.87	39.51 3.10 5.52	39.94 3.39 7.96	43.06 3.06 0.00	53.83 3.33 0.00	56.87 4.25 0.00	68.69 5.39 0.00	73.98 6.17 0.00	72.98 6.65 0.00	86.09 8.10 0.00	159.36 13.78 0.00	109.04 8.61 -1.86	73.08 5.72 0.00	75.64 5.35 -1.86	76.38 4.81 -8.68	51.47 3.74 0.00	51.75 3.56 0.00
ASHOKAN____ 23654	33.43 2.44 0.00	40.42 3.02 0.00	36.76 2.60 0.00	39.74 2.54 0.00	31.31 2.04 0.00	28.54 2.03 0.00	36.34 2.58 0.00	41.27 3.19 0.00	45.50 3.57 0.00	47.72 3.22 0.00	42.58 2.57 0.00	53.60 3.09 0.00	56.07 3.46 0.00	67.92 4.61 0.00	73.25 5.44 0.00	69.68 5.97 2.62	85.75 7.75 0.00	160.97 15.39 0.00	115.01 10.66 -5.79	74.87 7.50 0.00	81.60 7.38 -5.79	96.09 6.20 -26.99	52.36 4.62 0.00	52.54 4.36 0.00
ASTORIA_EAST_ENERGY_CC1 323581	33.30 2.32 0.00	40.00 2.60 0.00	36.51 2.35 0.00	39.24 2.05 0.00	31.13 1.87 0.00	28.47 1.96 0.00	36.21 2.45 0.00	41.03 2.95 0.00	45.27 3.34 0.00	48.12 3.62 0.00	43.18 3.17 0.00	54.02 3.52 0.00	57.08 4.46 0.00	68.87 5.57 0.00	74.21 6.40 0.00	73.13 6.80 0.00	86.08 8.09 0.00	159.26 13.68 0.00	108.88 8.45 -1.86	72.88 5.51 0.00	75.44 5.15 -1.86	76.24 4.67 -8.68	51.53 3.79 0.00	51.93 3.75 0.00
ASTORIA_EAST_ENERGY_CC2 323582	33.35 2.36 0.00	40.00 2.60 0.00	36.51 2.35 0.00	39.24 2.05 0.00	31.13 1.87 0.00	28.47 1.96 0.00	36.21 2.45 0.00	41.03 2.95 0.00	45.27 3.34 0.00	48.12 3.62 0.00	43.18 3.17 0.00	54.02 3.52 0.00	57.08 4.46 0.00	68.87 5.57 0.00	74.21 6.40 0.00	73.13 6.80 0.00	86.08 8.09 0.00	159.26 13.68 0.00	108.88 8.45 -1.86	72.88 5.51 0.00	75.44 5.15 -1.86	76.24 4.67 -8.68	51.53 3.79 0.00	51.93 3.75 0.00
ASTORIA_GT2_1 24094	33.31 2.32 0.00	40.02 2.62 0.00	36.52 2.37 0.00	39.27 2.08 0.00	31.14 1.88 0.00	28.48 1.97 0.00	36.24 2.47 0.00	41.04 2.96 0.00	45.29 3.36 0.00	48.15 3.65 0.00	43.21 3.20 0.00	54.06 3.56 0.00	57.11 4.50 0.00	68.90 5.60 0.00	74.23 6.43 0.00	73.18 6.85 0.00	86.11 8.11 0.00	159.35 13.77 0.00	108.93 8.50 -1.86	72.91 5.54 0.00	75.47 5.18 -1.86	76.27 4.69 -8.68	51.56 3.82 0.00	51.96 3.78 0.00
ASTORIA_GT2_2 24095	33.31 2.32 0.00	40.02 2.62 0.00	36.52 2.37 0.00	39.27 2.08 0.00	31.14 1.88 0.00	28.48 1.97 0.00	36.24 2.47 0.00	41.04 2.96 0.00	45.29 3.36 0.00	48.15 3.65 0.00	43.21 3.20 0.00	54.06 3.56 0.00	57.11 4.50 0.00	68.90 5.60 0.00	74.23 6.43 0.00	73.18 6.85 0.00	86.11 8.11 0.00	159.35 13.77 0.00	108.93 8.50 -1.86	72.91 5.54 0.00	75.47 5.18 -1.86	76.27 4.69 -8.68	51.56 3.82 0.00	51.96 3.78 0.00
ASTORIA_GT2_3 24096	33.31 2.32 0.00	40.02 2.62 0.00	36.52 2.37 0.00	39.27 2.08 0.00	31.14 1.88 0.00	28.48 1.97 0.00	36.24 2.47 0.00	41.04 2.96 0.00	45.29 3.36 0.00	48.15 3.65 0.00	43.21 3.20 0.00	54.06 3.56 0.00	57.11 4.50 0.00	68.90 5.60 0.00	74.23 6.43 0.00	73.18 6.85 0.00	86.11 8.11 0.00	159.35 13.77 0.00	108.93 8.50 -1.86	72.91 5.54 0.00	75.47 5.18 -1.86	76.27 4.69 -8.68	51.56 3.82 0.00	51.96 3.78 0.00
ASTORIA_GT2_4 24097	33.31 2.32 0.00	40.02 2.62 0.00	36.52 2.37 0.00	39.27 2.08 0.00	31.14 1.88 0.00	28.48 1.97 0.00	36.24 2.47 0.00	41.04 2.96 0.00	45.29 3.36 0.00	48.15 3.65 0.00	43.21 3.20 0.00	54.06 3.56 0.00	57.11 4.50 0.00	68.90 5.60 0.00	74.23 6.43 0.00	73.18 6.85 0.00	86.11 8.11 0.00	159.35 13.77 0.00	108.93 8.50 -1.86	72.91 5.54 0.00	75.47 5.18 -1.86	76.27 4.69 -8.68	51.56 3.82 0.00	51.96 3.78 0.00
ASTORIA_GT3_1 24098	33.36 2.38 0.00	40.02 2.62 0.00	36.52 2.37 0.00	39.27 2.08 0.00	31.14 1.88 0.00	28.48 1.97 0.00	36.24 2.47 0.00	41.04 2.96 0.00	45.29 3.36 0.00	48.15 3.65 0.00	43.21 3.20 0.00	54.06 3.56 0.00	57.11 4.50 0.00	68.90 5.60 0.00	74.23 6.43 0.00	73.18 6.85 0.00	86.11 8.11 0.00	159.35 13.77 0.00	108.93 8.50 -1.86	72.91 5.54 0.00	75.47 5.18 -1.86	76.27 4.69 -8.68	51.56 3.82 0.00	51.96 3.78 0.00
ASTORIA_GT3_2 24099	33.36 2.38 0.00	40.02 2.62 0.00	36.52 2.37 0.00	39.27 2.08 0.00	31.14 1.88 0.00	28.48 1.97 0.00	36.24 2.47 0.00	41.04 2.96 0.00	45.29 3.36 0.00	48.15 3.65 0.00	43.21 3.20 0.00	54.06 3.56 0.00	57.11 4.50 0.00	68.90 5.60 0.00	74.23 6.43 0.00	73.18 6.85 0.00	86.11 8.11 0.00	159.35 13.77 0.00	108.93 8.50 -1.86	72.91 5.54 0.00	75.47 5.18 -1.86	76.27 4.69 -8.68	51.56 3.82 0.00	51.96 3.78 0.00
ASTORIA_GT3_3 24100	33.36 2.38 0.00	40.02 2.62 0.00	36.52 2.37 0.00	39.27 2.08 0.00	31.14 1.88 0.00	28.48 1.97 0.00	36.24 2.47 0.00	41.04 2.96 0.00	45.29 3.36 0.00	48.15 3.65 0.00	43.21 3.20 0.00	54.06 3.56 0.00	57.11 4.50 0.00	68.90 5.60 0.00	74.23 6.43 0.00	73.18 6.85 0.00	86.11 8.11 0.00	159.35 13.77 0.00	108.93 8.50 -1.86	72.91 5.54 0.00	75.47 5.18 -1.86	76.27 4.69 -8.68	51.56 3.82 0.00	51.96 3.78 0.00
ASTORIA_GT3_4 24101	33.36 2.38 0.00	40.02 2.62 0.00	36.52 2.37 0.00	39.27 2.08 0.00	31.14 1.88 0.00	28.48 1.97 0.00	36.24 2.47 0.00	41.04 2.96 0.00	45.29 3.36 0.00	48.15 3.65 0.00	43.21 3.20 0.00	54.06 3.56 0.00	57.11 4.50 0.00	68.90 5.60 0.00	74.23 6.43 0.00	73.18 6.85 0.00	86.11 8.11 0.00	159.35 13.77 0.00	108.93 8.50 -1.86	72.91 5.54 0.00	75.47 5.18 -1.86	76.27 4.69 -8.68	51.56 3.82 0.00	51.96 3.78 0.00
ASTORIA_GT4_1 24102	33.36 2.38 0.00	40.02 2.62 0.00	36.52 2.37 0.00	39.27 2.08 0.00	31.14 1.88 0.00	28.48 1.97 0.00	36.24 2.47 0.00	41.04 2.96 0.00	45.29 3.36 0.00	48.15 3.65 0.00	43.21 3.20 0.00	54.06 3.56 0.00	57.11 4.50 0.00	68.90 5.60 0.00	74.23 6.43 0.00	73.18 6.85 0.00	86.11 8.11 0.00	159.35 13.77 0.00	108.93 8.50 -1.86	72.91 5.54 0.00	75.47 5.18 -1.86	76.27 4.69 -8.68	51.56 3.82 0.00	51.96 3.78 0.00
ASTORIA_GT4_2 24103	33.36 2.38 0.00	40.02 2.62 0.00	36.52 2.37 0.00	39.27 2.08 0.00	31.14 1.88 0.00	28.48 1.97 0.00	36.24 2.47 0.00	41.04 2.96 0.00	45.29 3.36 0.00	48.15 3.65 0.00	43.21 3.20 0.00	54.06 3.56 0.00	57.11 4.50 0.00	68.90 5.60 0.00	74.23 6.43 0.00	73.18 6.85 0.00	86.11 8.11 0.00	159.35 13.77 0.00	108.93 8.50 -1.86	72.91 5.54 0.00	75.47 5.18 -1.86	76.27 4.69 -8.68	51.56 3.82 0.00	51.96 3.78 0.00
ASTORIA_GT4_3 24104	33.36 2.38 0.00	40.02 2.62 0.00	36.52 2.37 0.00	39.27 2.08 0.00	31.14 1.88 0.00	28.48 1.97 0.00	36.24 2.47 0.00	41.04 2.96 0.00	45.29 3.36 0.00	48.15 3.65 0.00	43.21 3.20 0.00	54.06 3.56 0.00	57.11 4.50 0.00	68.90 5.60 0.00	74.23 6.43 0.00	73.18 6.85 0.00	86.11 8.11 0.00	159.35 13.77 0.00	108.93 8.50 -1.86	72.91 5.54 0.00	75.47 5.18 -1.86	76.27 4.69 -8.68	51.56 3.82 0.00	51.96 3.78 0.00

ASTORIA_GT4_4 24105	33.36 2.38 0.00	40.02 2.62 0.00	36.52 2.37 0.00	39.27 2.08 0.00	31.14 1.88 0.00	28.48 1.97 0.00	36.24 2.47 0.00	41.04 2.96 0.00	45.29 3.36 0.00	48.15 3.65 0.00	43.21 3.20 0.00	54.06 3.56 0.00	57.11 4.50 0.00	68.90 5.60 0.00	74.23 6.43 0.00	73.18 6.85 0.00	86.11 8.11 0.00	159.35 13.77 0.00	108.93 8.50 -1.86	72.91 5.54 0.00	75.47 5.18 -1.86	76.27 4.69 -8.68	51.56 3.82 0.00	51.96 3.78 0.00
ASTORIA_GT_1 23523	33.41 2.42 0.00	40.11 2.72 0.00	36.61 2.45 0.00	39.34 2.15 0.00	31.21 1.95 0.00	28.55 2.04 0.00	36.32 2.56 0.00	41.15 3.07 0.00	45.41 3.48 0.00	48.29 3.79 0.00	43.33 3.32 0.00	54.22 3.72 0.00	57.29 4.67 0.00	69.13 5.82 0.00	74.48 6.67 0.00	73.40 7.07 0.00	86.38 8.39 0.00	159.81 14.23 0.00	109.22 8.79 -1.86	73.13 5.77 0.00	75.69 5.39 -1.86	76.47 4.89 -8.68	51.70 3.97 0.00	52.11 3.93 0.00
ASTORIA_GT_10 24110	33.38 2.40 0.00	40.14 2.74 0.00	36.60 2.44 0.00	39.36 2.17 0.00	31.17 1.90 0.00	28.52 2.01 0.00	36.26 2.50 0.00	41.02 2.94 0.00	45.25 3.32 0.00	48.12 3.62 0.00	43.15 3.14 0.00	53.94 3.43 0.00	56.93 4.31 0.00	68.70 5.40 0.00	73.98 6.17 0.00	72.96 6.63 0.00	85.90 7.91 0.00	158.91 13.33 0.00	108.61 8.18 -1.86	72.73 5.37 0.00	75.21 4.92 -1.86	76.01 4.44 -8.68	51.36 3.62 0.00	51.76 3.57 0.00
ASTORIA_GT_11 24225	33.38 2.40 0.00	40.14 2.74 0.00	36.60 2.44 0.00	39.36 2.17 0.00	31.17 1.90 0.00	28.52 2.01 0.00	36.26 2.50 0.00	41.02 2.94 0.00	45.25 3.32 0.00	48.12 3.62 0.00	43.15 3.14 0.00	53.94 3.43 0.00	56.93 4.31 0.00	68.70 5.40 0.00	73.98 6.17 0.00	72.96 6.63 0.00	85.90 7.91 0.00	158.91 13.33 0.00	108.61 8.18 -1.86	72.73 5.37 0.00	75.21 4.92 -1.86	76.01 4.44 -8.68	51.36 3.62 0.00	51.76 3.57 0.00
ASTORIA_GT_12 24226	33.38 2.40 0.00	40.14 2.74 0.00	36.60 2.44 0.00	39.36 2.17 0.00	31.17 1.90 0.00	28.52 2.01 0.00	36.26 2.50 0.00	41.02 2.94 0.00	45.25 3.32 0.00	48.12 3.62 0.00	43.15 3.14 0.00	53.94 3.43 0.00	56.93 4.31 0.00	68.70 5.40 0.00	73.98 6.17 0.00	72.96 6.63 0.00	85.90 7.91 0.00	158.91 13.33 0.00	108.61 8.18 -1.86	72.73 5.37 0.00	75.21 4.92 -1.86	76.01 4.44 -8.68	51.36 3.62 0.00	51.76 3.57 0.00
ASTORIA_GT_13 24227	33.38 2.40 0.00	40.14 2.74 0.00	36.60 2.44 0.00	39.36 2.17 0.00	31.17 1.90 0.00	28.52 2.01 0.00	36.26 2.50 0.00	41.02 2.94 0.00	45.25 3.32 0.00	48.12 3.62 0.00	43.15 3.14 0.00	53.94 3.43 0.00	56.93 4.31 0.00	68.70 5.40 0.00	73.98 6.17 0.00	72.96 6.63 0.00	85.90 7.91 0.00	158.91 13.33 0.00	108.61 8.18 -1.86	72.73 5.37 0.00	75.21 4.92 -1.86	76.01 4.44 -8.68	51.36 3.62 0.00	51.76 3.57 0.00
ASTORIA_GT_5 24106	33.41 2.42 0.00	40.11 2.71 0.00	36.61 2.45 0.00	39.35 2.16 0.00	31.21 1.95 0.00	28.55 2.04 0.00	36.32 2.56 0.00	41.15 3.07 0.00	45.41 3.48 0.00	48.29 3.79 0.00	43.34 3.33 0.00	54.22 3.72 0.00	57.29 4.67 0.00	69.13 5.82 0.00	74.48 6.67 0.00	73.40 7.07 0.00	86.38 8.38 0.00	159.81 14.23 0.00	109.23 8.80 -1.86	73.13 5.76 0.00	75.69 5.40 -1.86	76.46 4.89 -8.68	51.71 3.97 0.00	52.11 3.92 0.00
ASTORIA_GT_7 24107	33.41 2.42 0.00	40.11 2.71 0.00	36.61 2.45 0.00	39.35 2.16 0.00	31.21 1.95 0.00	28.55 2.04 0.00	36.32 2.56 0.00	41.15 3.07 0.00	45.41 3.48 0.00	48.29 3.79 0.00	43.34 3.33 0.00	54.22 3.72 0.00	57.29 4.67 0.00	69.13 5.82 0.00	74.48 6.67 0.00	73.40 7.07 0.00	86.38 8.38 0.00	159.81 14.23 0.00	109.23 8.80 -1.86	73.13 5.76 0.00	75.69 5.40 -1.86	76.46 4.89 -8.68	51.71 3.97 0.00	52.11 3.92 0.00
ASTORIA_GT_8 24108	33.41 2.42 0.00	40.11 2.71 0.00	36.61 2.45 0.00	39.35 2.16 0.00	31.21 1.95 0.00	28.55 2.04 0.00	36.32 2.56 0.00	41.15 3.07 0.00	45.41 3.48 0.00	48.29 3.79 0.00	43.34 3.33 0.00	54.22 3.72 0.00	57.29 4.67 0.00	69.13 5.82 0.00	74.48 6.67 0.00	73.40 7.07 0.00	86.38 8.38 0.00	159.81 14.23 0.00	109.23 8.80 -1.86	73.13 5.76 0.00	75.69 5.40 -1.86	76.46 4.89 -8.68	51.71 3.97 0.00	52.11 3.92 0.00
ASTORIA___2 24149	33.36 2.38 0.00	40.02 2.62 0.00	36.53 2.37 0.00	39.26 2.07 0.00	31.15 1.88 0.00	28.48 1.97 0.00	36.24 2.48 0.00	41.04 2.96 0.00	45.30 3.37 0.00	48.15 3.65 0.00	43.20 3.19 0.00	54.06 3.56 0.00	57.12 4.50 0.00	68.90 5.60 0.00	74.24 6.43 0.00	73.18 6.85 0.00	86.11 8.12 0.00	159.34 13.76 0.00	108.93 8.50 -1.86	72.92 5.55 0.00	75.46 5.17 -1.86	76.27 4.70 -8.68	51.56 3.82 0.00	51.97 3.79 0.00
ASTORIA___3 23516	33.33 2.35 0.00	40.02 2.62 0.00	36.53 2.37 0.00	39.26 2.07 0.00	31.15 1.88 0.00	28.48 1.97 0.00	36.24 2.48 0.00	41.00 2.92 0.00	45.25 3.32 0.00	48.12 3.62 0.00	43.15 3.13 0.00	53.94 3.43 0.00	56.92 4.30 0.00	68.69 5.39 0.00	73.97 6.16 0.00	72.96 6.63 0.00	85.90 7.91 0.00	158.90 13.32 0.00	108.61 8.18 -1.86	72.73 5.36 0.00	75.20 4.91 -1.86	76.01 4.43 -8.68	51.36 3.62 0.00	51.76 3.58 0.00
ASTORIA___4 23517	33.33 2.35 0.00	40.02 2.62 0.00	36.52 2.37 0.00	39.27 2.08 0.00	31.14 1.88 0.00	28.48 1.97 0.00	36.24 2.47 0.00	41.00 2.92 0.00	45.25 3.32 0.00	48.12 3.62 0.00	43.15 3.14 0.00	53.94 3.43 0.00	56.92 4.30 0.00	68.70 5.40 0.00	73.96 6.16 0.00	72.96 6.63 0.00	85.90 7.91 0.00	158.91 13.33 0.00	108.61 8.18 -1.86	72.71 5.35 0.00	75.21 4.92 -1.86	76.01 4.43 -8.68	51.36 3.62 0.00	51.76 3.57 0.00
ASTORIA___5 23518	33.39 2.40 0.00	40.14 2.74 0.00	36.60 2.44 0.00	39.35 2.16 0.00	31.17 1.90 0.00	28.52 2.01 0.00	36.26 2.50 0.00	41.02 2.94 0.00	45.25 3.32 0.00	48.12 3.62 0.00	43.15 3.14 0.00	53.94 3.43 0.00	56.93 4.31 0.00	68.70 5.40 0.00	73.97 6.17 0.00	72.96 6.63 0.00	85.90 7.91 0.00	158.91 13.33 0.00	108.61 8.18 -1.86	72.73 5.36 0.00	75.21 4.92 -1.86	76.01 4.44 -8.68	51.36 3.62 0.00	51.76 3.58 0.00
AST_ENERGY_2_CC3 323677	33.27 2.29 0.00	40.00 2.61 0.00	36.44 2.29 0.00	39.21 2.02 0.00	31.02 1.75 0.00	28.40 1.89 0.00	36.10 2.34 0.00	40.88 2.80 0.00	45.14 3.21 0.00	48.06 3.56 0.00	43.09 3.08 0.00	53.94 3.43 0.00	56.88 4.26 0.00	68.66 5.36 0.00	73.94 6.13 0.00	72.93 6.60 0.00	85.93 7.94 0.00	159.03 13.45 0.00	108.63 8.20 -1.86	72.71 5.35 0.00	75.24 4.94 -1.86	76.03 4.46 -8.68	51.33 3.60 0.00	51.68 3.50 0.00
AST_ENERGY_2_CC4 323678	33.27 2.29 0.00	40.00 2.61 0.00	36.44 2.29 0.00	39.21 2.02 0.00	31.02 1.75 0.00	28.40 1.89 0.00	36.10 2.34 0.00	40.88 2.80 0.00	45.14 3.21 0.00	48.06 3.56 0.00	43.09 3.08 0.00	53.94 3.43 0.00	56.88 4.26 0.00	68.66 5.36 0.00	73.94 6.13 0.00	72.93 6.60 0.00	85.93 7.94 0.00	159.03 13.45 0.00	108.63 8.20 -1.86	72.71 5.35 0.00	75.24 4.94 -1.86	76.03 4.46 -8.68	51.33 3.60 0.00	51.68 3.50 0.00

ATHENS_STG_1 23668	32.11 1.13 0.00	38.93 1.53 0.00	35.48 1.33 0.00	38.36 1.17 0.00	30.27 1.00 0.00	27.59 1.08 0.00	35.03 1.26 0.00	39.49 1.41 0.00	43.46 1.53 0.00	46.08 1.58 0.00	41.39 1.38 0.00	51.96 1.46 0.00	54.46 1.84 0.00	65.71 2.40 0.00	70.63 2.82 0.00	69.31 2.98 0.00	81.61 3.62 0.00	151.99 6.42 0.00	103.98 3.97 -1.45	69.94 2.58 0.00	72.42 2.54 -1.45	71.95 2.29 -6.76	49.57 1.83 0.00	49.94 1.76 0.00
ATHENS_STG_2 23670	32.11 1.13 0.00	38.93 1.53 0.00	35.48 1.33 0.00	38.36 1.17 0.00	30.27 1.00 0.00	27.59 1.08 0.00	35.03 1.26 0.00	39.49 1.41 0.00	43.46 1.53 0.00	46.08 1.58 0.00	41.39 1.38 0.00	51.96 1.46 0.00	54.46 1.84 0.00	65.71 2.40 0.00	70.63 2.82 0.00	69.31 2.98 0.00	81.61 3.62 0.00	151.99 6.42 0.00	103.98 3.97 -1.45	69.94 2.58 0.00	72.42 2.54 -1.45	71.95 2.29 -6.76	49.57 1.83 0.00	49.94 1.76 0.00
ATHENS_STG_3 23677	32.11 1.13 0.00	38.93 1.53 0.00	35.48 1.33 0.00	38.36 1.17 0.00	30.27 1.00 0.00	27.59 1.08 0.00	35.03 1.26 0.00	39.49 1.41 0.00	43.46 1.53 0.00	46.08 1.58 0.00	41.39 1.38 0.00	51.96 1.46 0.00	54.46 1.84 0.00	65.71 2.40 0.00	70.63 2.82 0.00	69.31 2.98 0.00	81.61 3.62 0.00	151.99 6.42 0.00	103.98 3.97 -1.45	69.94 2.58 0.00	72.42 2.54 -1.45	71.95 2.29 -6.76	49.57 1.83 0.00	49.94 1.76 0.00
AUBURN___LFGE 323710	31.51 0.51 -0.01	38.03 0.55 -0.09	34.73 0.56 -0.01	37.60 0.41 0.00	29.62 0.36 0.00	26.84 0.33 0.00	34.31 0.55 0.00	38.98 0.78 -0.12	42.70 0.78 0.00	45.62 1.12 0.00	40.97 0.96 0.00	51.91 1.41 0.00	54.15 1.53 0.00	65.21 1.91 0.00	69.76 1.95 0.00	68.24 1.91 0.00	80.20 2.20 0.00	148.95 3.38 0.00	101.04 2.47 0.00	69.21 1.85 0.00	70.44 2.01 0.00	64.63 1.73 0.00	48.85 1.11 0.00	49.18 1.00 0.00
BABYLON_RES_REC 323704	34.25 2.78 -0.48	42.67 3.33 -1.94	40.51 2.98 -3.37	39.86 2.67 0.00	31.48 2.22 0.00	28.82 2.31 0.00	36.63 2.86 0.00	41.10 3.02 0.00	44.93 3.00 0.00	47.65 3.15 0.00	42.69 2.67 0.00	53.29 2.79 0.00	58.40 4.02 -1.76	72.19 5.02 -3.87	76.34 5.74 -2.79	77.20 6.33 -4.54	98.73 7.97 -12.77	166.24 13.80 -6.86	110.37 8.56 -3.24	75.52 5.48 -2.68	77.10 5.03 -3.64	76.77 4.36 -9.51	56.53 3.69 -5.10	62.37 3.88 -10.31
BABYLON__69_KV_BK2 356345	34.69 3.22 -0.48	43.16 3.82 -1.94	40.97 3.44 -3.37	40.34 3.15 0.00	31.86 2.60 0.00	29.17 2.66 0.00	37.07 3.31 0.00	41.79 3.71 0.00	45.80 3.87 0.00	48.63 4.13 0.00	43.72 3.71 0.00	54.51 4.00 0.00	63.44 5.35 -5.46	81.93 6.63 -11.99	83.90 7.44 -8.66	88.46 8.04 -14.09	114.54 9.97 -26.57	184.81 17.60 -21.63	116.67 11.10 -6.99	82.91 7.23 -8.32	82.71 6.82 -7.46	78.36 5.96 -9.51	57.65 4.97 -4.94	63.39 5.03 -10.18
BALL_HILL_WT_PWR 323825	31.54 0.56 0.00	37.75 0.35 0.00	34.44 0.28 0.00	37.08 -0.11 0.00	29.06 -0.20 0.00	26.44 -0.07 0.00	33.78 0.03 0.00	38.29 0.21 0.00	42.63 0.70 0.00	45.84 1.34 0.00	41.55 1.54 0.00	52.97 2.46 0.00	54.94 2.32 0.00	65.87 2.56 0.00	70.10 2.30 0.00	69.05 2.72 0.00	79.89 1.90 0.00	147.33 1.75 0.00	99.50 0.94 0.00	68.42 1.06 0.00	69.58 1.15 0.00	63.74 0.84 0.00	48.42 0.69 0.00	49.20 1.02 0.00
BARON_WINDS___WT_PWR 323822	31.50 0.51 0.00	37.87 0.45 -0.02	34.55 0.39 0.00	37.29 0.10 0.00	29.26 0.00 0.00	26.60 0.09 0.00	33.92 0.16 0.00	38.51 0.40 -0.03	42.65 0.72 0.00	45.74 1.24 0.00	41.34 1.33 0.00	52.33 1.83 0.00	54.42 1.80 0.00	65.30 2.00 0.00	69.76 1.96 0.00	68.56 2.23 0.00	79.73 1.74 0.00	147.45 1.87 0.00	99.76 1.20 0.00	68.63 1.27 0.00	69.74 1.31 0.00	64.08 1.19 0.00	48.60 0.86 0.00	49.25 1.06 0.00
BARRETT_IC_1 23704	34.07 2.60 -0.48	42.42 3.07 -1.94	40.29 2.75 -3.37	39.68 2.49 0.00	31.34 2.08 0.00	28.68 2.17 0.00	36.36 2.60 0.00	41.03 2.95 0.00	45.01 3.08 0.00	47.74 3.24 0.00	42.96 2.95 0.00	53.59 3.09 0.00	56.75 4.13 0.00	68.27 4.97 0.00	73.48 5.68 0.00	72.55 6.23 0.01	86.58 7.73 -0.86	159.04 13.23 -0.23	108.54 8.12 -1.86	72.64 5.28 0.00	75.22 4.93 -1.86	76.90 4.50 -9.51	74.92 4.07 -23.11	77.20 4.09 -24.93
BARRETT_IC_10 23701	34.07 2.60 -0.48	42.42 3.07 -1.94	40.29 2.75 -3.37	39.68 2.49 0.00	31.34 2.08 0.00	28.68 2.17 0.00	36.36 2.60 0.00	41.03 2.95 0.00	45.01 3.08 0.00	47.74 3.24 0.00	42.96 2.95 0.00	53.59 3.09 0.00	56.75 4.13 0.00	68.27 4.97 0.00	73.48 5.68 0.00	72.55 6.23 0.01	86.58 7.73 -0.86	159.04 13.23 -0.23	108.54 8.12 -1.86	72.64 5.28 0.00	75.22 4.93 -1.86	76.90 4.50 -9.51	74.92 4.07 -23.11	77.20 4.09 -24.93
BARRETT_IC_11 23702	34.07 2.60 -0.48	42.42 3.07 -1.94	40.29 2.75 -3.37	39.68 2.49 0.00	31.34 2.08 0.00	28.68 2.17 0.00	36.36 2.60 0.00	41.03 2.95 0.00	45.01 3.08 0.00	47.74 3.24 0.00	42.96 2.95 0.00	53.59 3.09 0.00	56.75 4.13 0.00	68.27 4.97 0.00	73.48 5.68 0.00	72.55 6.23 0.01	86.58 7.73 -0.86	159.04 13.23 -0.23	108.54 8.12 -1.86	72.64 5.28 0.00	75.22 4.93 -1.86	76.90 4.50 -9.51	74.92 4.07 -23.11	77.20 4.09 -24.93
BARRETT_IC_12 23703	34.07 2.60 -0.48	42.42 3.07 -1.94	40.29 2.75 -3.37	39.68 2.49 0.00	31.34 2.08 0.00	28.68 2.17 0.00	36.36 2.60 0.00	41.03 2.95 0.00	45.01 3.08 0.00	47.74 3.24 0.00	42.96 2.95 0.00	53.59 3.09 0.00	56.75 4.13 0.00	68.27 4.97 0.00	73.48 5.68 0.00	72.55 6.23 0.01	86.58 7.73 -0.86	159.04 13.23 -0.23	108.54 8.12 -1.86	72.64 5.28 0.00	75.22 4.93 -1.86	76.90 4.50 -9.51	74.92 4.07 -23.11	77.20 4.09 -24.93
BARRETT_IC_2 23705	34.07 2.60 -0.48	42.42 3.07 -1.94	40.29 2.75 -3.37	39.68 2.49 0.00	31.34 2.08 0.00	28.68 2.17 0.00	36.36 2.60 0.00	41.03 2.95 0.00	45.01 3.08 0.00	47.74 3.24 0.00	42.96 2.95 0.00	53.59 3.09 0.00	56.75 4.13 0.00	68.27 4.97 0.00	73.48 5.68 0.00	72.55 6.23 0.01	86.58 7.73 -0.86	159.04 13.23 -0.23	108.54 8.12 -1.86	72.64 5.28 0.00	75.22 4.93 -1.86	76.90 4.50 -9.51	74.92 4.07 -23.11	77.20 4.09 -24.93
BARRETT_IC_3 23706	34.07 2.60 -0.48	42.42 3.07 -1.94	40.29 2.75 -3.37	39.68 2.49 0.00	31.34 2.08 0.00	28.68 2.17 0.00	36.36 2.60 0.00	41.03 2.95 0.00	45.01 3.08 0.00	47.74 3.24 0.00	42.96 2.95 0.00	53.59 3.09 0.00	56.75 4.13 0.00	68.27 4.97 0.00	73.48 5.68 0.00	72.55 6.23 0.01	86.58 7.73 -0.86	159.04 13.23 -0.23	108.54 8.12 -1.86	72.64 5.28 0.00	75.22 4.93 -1.86	76.90 4.50 -9.51	74.92 4.07 -23.11	77.20 4.09 -24.93
BARRETT_IC_4 23707	34.07 2.60 -0.48	42.42 3.07 -1.94	40.29 2.75 -3.37	39.68 2.49 0.00	31.34 2.08 0.00	28.68 2.17 0.00	36.36 2.60 0.00	41.03 2.95 0.00	45.01 3.08 0.00	47.74 3.24 0.00	42.96 2.95 0.00	53.59 3.09 0.00	56.75 4.13 0.00	68.27 4.97 0.00	73.48 5.68 0.00	72.55 6.23 0.01	86.58 7.73 -0.86	159.04 13.23 -0.23	108.54 8.12 -1.86	72.64 5.28 0.00	75.22 4.93 -1.86	76.90 4.50 -9.51	74.92 4.07 -23.11	77.20 4.09 -24.93

BARRETT_IC_5 23708	34.07 2.60 -0.48	42.42 3.07 -1.94	40.29 2.75 -3.37	39.68 2.49 0.00	31.34 2.08 0.00	28.68 2.17 0.00	36.36 2.60 0.00	41.03 2.95 0.00	45.01 3.08 0.00	47.74 3.24 0.00	42.96 2.95 0.00	53.59 3.09 0.00	56.75 4.13 0.00	68.27 4.97 0.00	73.48 5.68 0.00	72.55 6.23 0.01	86.58 7.73 -0.86	159.04 13.23 -0.23	108.54 8.12 -1.86	72.64 5.28 0.00	75.22 4.93 -1.86	76.90 4.50 -9.51	74.92 4.07 -23.11	77.20 4.09 -24.93
BARRETT_IC_6 23709	34.07 2.60 -0.48	42.42 3.07 -1.94	40.29 2.75 -3.37	39.68 2.49 0.00	31.34 2.08 0.00	28.68 2.17 0.00	36.36 2.60 0.00	41.03 2.95 0.00	45.01 3.08 0.00	47.74 3.24 0.00	42.96 2.95 0.00	53.59 3.09 0.00	56.75 4.13 0.00	68.27 4.97 0.00	73.48 5.68 0.00	72.55 6.23 0.01	86.58 7.73 -0.86	159.04 13.23 -0.23	108.54 8.12 -1.86	72.64 5.28 0.00	75.22 4.93 -1.86	76.90 4.50 -9.51	74.92 4.07 -23.11	77.20 4.09 -24.93
BARRETT_IC_7 23710	34.06 2.61 -0.48	42.41 3.08 -1.94	40.28 2.75 -3.37	39.68 2.49 0.00	31.34 2.08 0.00	28.68 2.17 0.00	36.36 2.60 0.00	41.03 2.95 0.00	45.01 3.08 0.00	47.74 3.24 0.00	42.96 2.95 0.00	53.59 3.09 0.00	56.75 4.13 0.00	68.27 4.97 0.00	73.48 5.68 0.00	72.55 6.22 0.00	86.58 7.73 -0.86	159.05 13.23 -0.24	108.55 8.12 -1.86	72.65 5.28 0.00	75.23 4.94 -1.86	76.90 4.50 -9.51	74.92 4.08 -23.11	77.20 4.09 -24.93
BARRETT_IC_8 23711	34.07 2.60 -0.48	42.42 3.07 -1.94	40.29 2.75 -3.37	39.68 2.49 0.00	31.34 2.08 0.00	28.68 2.17 0.00	36.36 2.60 0.00	41.03 2.95 0.00	45.01 3.08 0.00	47.74 3.24 0.00	42.96 2.95 0.00	53.59 3.09 0.00	56.75 4.13 0.00	68.27 4.97 0.00	73.48 5.68 0.00	72.55 6.23 0.01	86.58 7.73 -0.86	159.04 13.23 -0.23	108.54 8.12 -1.86	72.64 5.28 0.00	75.22 4.93 -1.86	76.90 4.50 -9.51	74.92 4.07 -23.11	77.20 4.09 -24.93
BARRETT_IC_9 23700	34.07 2.60 -0.48	42.42 3.07 -1.94	40.29 2.75 -3.37	39.68 2.49 0.00	31.34 2.08 0.00	28.68 2.17 0.00	36.36 2.60 0.00	41.03 2.95 0.00	45.01 3.08 0.00	47.74 3.24 0.00	42.96 2.95 0.00	53.59 3.09 0.00	56.75 4.13 0.00	68.27 4.97 0.00	73.48 5.68 0.00	72.55 6.23 0.01	86.58 7.73 -0.86	159.04 13.23 -0.23	108.54 8.12 -1.86	72.64 5.28 0.00	75.22 4.93 -1.86	76.90 4.50 -9.51	74.92 4.07 -23.11	77.20 4.09 -24.93
BARRETT___1 23545	34.07 2.60 -0.48	42.42 3.07 -1.94	40.29 2.75 -3.37	39.68 2.49 0.00	31.34 2.08 0.00	28.68 2.17 0.00	36.36 2.60 0.00	41.03 2.95 0.00	45.01 3.08 0.00	47.74 3.24 0.00	42.96 2.95 0.00	53.59 3.09 0.00	56.75 4.13 0.00	68.27 4.97 0.00	73.48 5.68 0.00	72.55 6.23 0.01	86.58 7.73 -0.86	159.04 13.23 -0.23	108.54 8.12 -1.86	72.64 5.28 0.00	75.22 4.93 -1.86	76.90 4.50 -9.51	74.92 4.07 -23.11	77.20 4.09 -24.93
BARRETT___2 23546	34.07 2.60 -0.48	42.42 3.07 -1.94	40.29 2.75 -3.37	39.68 2.49 0.00	31.34 2.08 0.00	28.68 2.17 0.00	36.36 2.60 0.00	41.03 2.95 0.00	45.01 3.08 0.00	47.74 3.24 0.00	42.96 2.95 0.00	53.59 3.09 0.00	56.75 4.13 0.00	68.27 4.97 0.00	73.48 5.68 0.00	72.55 6.23 0.01	86.58 7.73 -0.86	159.04 13.23 -0.23	108.54 8.12 -1.86	72.64 5.28 0.00	75.22 4.93 -1.86	76.90 4.50 -9.51	74.92 4.07 -23.11	77.20 4.09 -24.93
BATAVIA__115KV_TB1 55881	32.07 1.09 0.00	38.34 0.94 0.00	35.01 0.85 0.00	37.78 0.59 0.00	29.68 0.42 0.00	26.95 0.44 0.00	34.49 0.72 0.00	38.90 0.82 0.00	43.16 1.23 0.00	46.34 1.83 0.00	42.09 2.08 0.00	53.66 3.15 0.00	55.57 2.95 0.00	66.79 3.48 0.00	70.70 2.90 0.00	69.21 2.88 0.00	79.74 1.75 0.00	147.65 2.07 0.00	99.85 1.28 0.00	68.75 1.39 0.00	69.78 1.35 0.00	64.67 1.77 0.00	49.13 1.39 0.00	49.80 1.62 0.00
BAYONEEC___CTG1 323682	33.35 2.36 0.00	40.09 2.69 0.00	36.52 2.36 0.00	39.30 2.11 0.00	31.08 1.82 0.00	28.45 1.94 0.00	36.17 2.41 0.00	40.97 2.89 0.00	45.22 3.29 0.00	48.15 3.65 0.00	43.15 3.14 0.00	54.02 3.51 0.00	56.93 4.32 0.00	68.74 5.44 0.00	74.01 6.20 0.00	72.99 6.67 0.00	86.00 8.01 0.00	159.14 13.57 0.01	108.73 8.30 -1.86	72.79 5.42 0.00	75.30 5.01 -1.86	76.10 4.53 -8.68	51.37 3.64 0.00	51.73 3.55 0.00
BAYONEEC___CTG10 323750	33.35 2.36 0.00	40.09 2.69 0.00	36.52 2.36 0.00	39.30 2.11 0.00	31.08 1.82 0.00	28.45 1.94 0.00	36.17 2.41 0.00	40.97 2.89 0.00	45.22 3.29 0.00	48.15 3.65 0.00	43.15 3.14 0.00	54.02 3.51 0.00	56.93 4.32 0.00	68.74 5.44 0.00	74.01 6.20 0.00	72.99 6.67 0.00	86.00 8.01 0.00	159.14 13.57 0.01	108.73 8.30 -1.86	72.79 5.42 0.00	75.30 5.01 -1.86	76.10 4.53 -8.68	51.37 3.64 0.00	51.73 3.55 0.00
BAYONEEC___CTG2 323683	33.35 2.36 0.00	40.09 2.69 0.00	36.52 2.36 0.00	39.30 2.11 0.00	31.08 1.82 0.00	28.45 1.94 0.00	36.17 2.41 0.00	40.97 2.89 0.00	45.22 3.29 0.00	48.15 3.65 0.00	43.15 3.14 0.00	54.02 3.51 0.00	56.93 4.32 0.00	68.74 5.44 0.00	74.01 6.20 0.00	72.99 6.67 0.00	86.00 8.01 0.00	159.14 13.57 0.01	108.73 8.30 -1.86	72.79 5.42 0.00	75.30 5.01 -1.86	76.10 4.53 -8.68	51.37 3.64 0.00	51.73 3.55 0.00
BAYONEEC___CTG3 323684	33.35 2.36 0.00	40.09 2.69 0.00	36.52 2.36 0.00	39.30 2.11 0.00	31.08 1.82 0.00	28.45 1.94 0.00	36.17 2.41 0.00	40.97 2.89 0.00	45.22 3.29 0.00	48.15 3.65 0.00	43.15 3.14 0.00	54.02 3.51 0.00	56.93 4.32 0.00	68.74 5.44 0.00	74.01 6.20 0.00	72.99 6.67 0.00	86.00 8.01 0.00	159.14 13.57 0.01	108.73 8.30 -1.86	72.79 5.42 0.00	75.30 5.01 -1.86	76.10 4.53 -8.68	51.37 3.64 0.00	51.73 3.55 0.00
BAYONEEC___CTG4 323685	33.35 2.36 0.00	40.09 2.69 0.00	36.52 2.36 0.00	39.30 2.11 0.00	31.08 1.82 0.00	28.45 1.94 0.00	36.17 2.41 0.00	40.97 2.89 0.00	45.22 3.29 0.00	48.15 3.65 0.00	43.15 3.14 0.00	54.02 3.51 0.00	56.93 4.32 0.00	68.74 5.44 0.00	74.01 6.20 0.00	72.99 6.67 0.00	86.00 8.01 0.00	159.14 13.57 0.01	108.73 8.30 -1.86	72.79 5.42 0.00	75.30 5.01 -1.86	76.10 4.53 -8.68	51.37 3.64 0.00	51.73 3.55 0.00
BAYONEEC___CTG5 323686	33.35 2.36 0.00	40.09 2.69 0.00	36.52 2.36 0.00	39.30 2.11 0.00	31.08 1.82 0.00	28.45 1.94 0.00	36.17 2.41 0.00	40.97 2.89 0.00	45.22 3.29 0.00	48.15 3.65 0.00	43.15 3.14 0.00	54.02 3.51 0.00	56.93 4.32 0.00	68.74 5.44 0.00	74.01 6.20 0.00	72.99 6.67 0.00	86.00 8.01 0.00	159.14 13.57 0.01	108.73 8.30 -1.86	72.79 5.42 0.00	75.30 5.01 -1.86	76.10 4.53 -8.68	51.37 3.64 0.00	51.73 3.55 0.00
BAYONEEC___CTG6 323687	33.35 2.36 0.00	40.09 2.69 0.00	36.52 2.36 0.00	39.30 2.11 0.00	31.08 1.82 0.00	28.45 1.94 0.00	36.17 2.41 0.00	40.97 2.89 0.00	45.22 3.29 0.00	48.15 3.65 0.00	43.15 3.14 0.00	54.02 3.51 0.00	56.93 4.32 0.00	68.74 5.44 0.00	74.01 6.20 0.00	72.99 6.67 0.00	86.00 8.01 0.00	159.14 13.57 0.01	108.73 8.30 -1.86	72.79 5.42 0.00	75.30 5.01 -1.86	76.10 4.53 -8.68	51.37 3.64 0.00	51.73 3.55 0.00

BAYONEEC___CTG7 323688	33.35 2.36 0.00	40.09 2.69 0.00	36.52 2.36 0.00	39.30 2.11 0.00	31.08 1.82 0.00	28.45 1.94 0.00	36.17 2.41 0.00	40.97 2.89 0.00	45.22 3.29 0.00	48.15 3.65 0.00	43.15 3.14 0.00	54.02 3.51 0.00	56.93 4.32 0.00	68.74 5.44 0.00	74.01 6.20 0.00	72.99 6.67 0.00	86.00 8.01 0.00	159.14 13.57 0.01	108.73 8.30 -1.86	72.79 5.42 0.00	75.30 5.01 -1.86	76.10 4.53 -8.68	51.37 3.64 0.00	51.73 3.55 0.00
BAYONEEC___CTG8 323689	33.35 2.36 0.00	40.09 2.69 0.00	36.52 2.36 0.00	39.30 2.11 0.00	31.08 1.82 0.00	28.45 1.94 0.00	36.17 2.41 0.00	40.97 2.89 0.00	45.22 3.29 0.00	48.15 3.65 0.00	43.15 3.14 0.00	54.02 3.51 0.00	56.93 4.32 0.00	68.74 5.44 0.00	74.01 6.20 0.00	72.99 6.67 0.00	86.00 8.01 0.00	159.14 13.57 0.01	108.73 8.30 -1.86	72.79 5.42 0.00	75.30 5.01 -1.86	76.10 4.53 -8.68	51.37 3.64 0.00	51.73 3.55 0.00
BAYONEEC___CTG9 323749	33.35 2.36 0.00	40.09 2.69 0.00	36.52 2.36 0.00	39.30 2.11 0.00	31.08 1.82 0.00	28.45 1.94 0.00	36.17 2.41 0.00	40.97 2.89 0.00	45.22 3.29 0.00	48.15 3.65 0.00	43.15 3.14 0.00	54.02 3.51 0.00	56.93 4.32 0.00	68.74 5.44 0.00	74.01 6.20 0.00	72.99 6.67 0.00	86.00 8.01 0.00	159.14 13.57 0.01	108.73 8.30 -1.86	72.79 5.42 0.00	75.30 5.01 -1.86	76.10 4.53 -8.68	51.37 3.64 0.00	51.73 3.55 0.00
BEACON___LESR 323632	32.13 1.14 0.00	38.90 1.50 0.00	35.49 1.33 0.00	38.41 1.23 0.00	30.23 0.97 0.00	27.58 1.07 0.00	35.11 1.35 0.00	39.55 1.46 0.00	43.59 1.66 0.00	45.94 1.44 0.00	41.19 1.18 0.00	51.71 1.20 0.00	54.24 1.62 0.00	65.39 2.09 0.00	70.27 2.47 0.00	68.97 2.64 0.00	81.48 3.49 0.00	152.38 6.81 0.00	114.24 4.50 -11.17	70.51 3.15 0.00	82.74 3.14 -11.17	117.58 2.60 -52.09	49.58 1.85 0.00	49.98 1.80 0.00
BEAVER RIVER___HYD 24048	31.51 0.51 -0.01	37.96 0.51 -0.06	34.64 0.47 0.00	37.77 0.57 0.00	29.65 0.39 0.00	26.86 0.35 0.00	34.32 0.56 0.00	38.74 0.58 -0.08	42.28 0.34 0.00	45.12 0.62 0.00	40.47 0.46 0.00	51.36 0.86 0.00	52.82 0.20 0.00	62.86 -0.45 0.00	67.33 -0.48 0.00	63.07 -1.65 1.61	69.70 -0.95 7.33	142.16 0.25 3.67	99.66 1.09 0.00	67.38 0.02 0.00	68.57 0.14 0.00	63.78 0.88 0.00	48.32 0.59 0.00	48.56 0.38 0.00
BEEBEE_GT_13 23619	31.45 0.46 0.00	37.71 0.31 0.00	34.44 0.28 0.00	37.28 0.09 0.00	29.29 0.03 0.00	26.58 0.06 0.00	33.96 0.19 0.00	38.37 0.28 0.00	42.56 0.63 0.00	45.55 1.05 0.00	41.29 1.28 0.00	52.63 2.12 0.00	54.69 2.07 0.00	65.76 2.46 0.00	70.13 2.32 0.00	68.91 2.58 0.00	79.86 1.87 0.00	147.90 2.32 0.00	100.01 1.45 0.00	68.65 1.29 0.00	69.53 1.09 0.00	63.73 0.84 0.00	48.40 0.67 0.00	48.94 0.76 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.81 2.83 0.00	40.56 3.16 0.00	36.99 2.83 0.00	39.71 2.52 0.00	31.47 2.21 0.00	28.81 2.30 0.00	36.61 2.85 0.00	41.39 3.31 0.00	45.74 3.81 0.00	48.66 4.16 0.00	43.72 3.71 0.00	54.66 4.16 0.00	57.69 5.07 0.00	69.64 6.33 0.00	74.99 7.18 0.00	73.97 7.64 0.00	86.97 8.98 0.00	160.72 15.14 0.00	109.88 9.45 -1.86	73.79 6.42 0.00	76.33 6.04 -1.86	77.04 5.47 -8.68	52.13 4.40 0.00	52.41 4.23 0.00
BETHLEHEM___GRP 23843	31.60 0.62 0.00	38.31 0.92 0.00	34.94 0.78 0.00	37.82 0.63 0.00	29.82 0.56 0.00	27.17 0.66 0.00	34.48 0.72 0.00	38.89 0.81 0.00	42.79 0.86 0.00	45.19 0.69 0.00	40.53 0.52 0.00	50.87 0.37 0.00	53.22 0.60 0.00	64.23 0.92 0.00	68.94 1.14 0.00	67.64 1.31 0.00	79.74 1.75 0.00	149.12 3.54 0.00	111.71 2.19 -10.96	68.79 1.42 0.00	80.79 1.40 -10.96	115.23 1.24 -51.09	48.72 0.98 0.00	49.12 0.94 0.00
BETHLEHEM___GS1 323560	31.60 0.62 0.00	38.31 0.92 0.00	34.94 0.78 0.00	37.82 0.63 0.00	29.82 0.56 0.00	27.17 0.66 0.00	34.48 0.71 0.00	38.89 0.81 0.00	42.79 0.86 0.00	45.19 0.68 0.00	40.53 0.52 0.00	50.87 0.37 0.00	53.22 0.60 0.00	64.23 0.92 0.00	68.94 1.14 0.00	67.64 1.31 0.00	79.74 1.75 0.00	149.13 3.55 0.00	111.71 2.19 -10.96	68.79 1.42 0.00	80.79 1.40 -10.96	115.23 1.24 -51.09	48.72 0.98 0.00	49.12 0.94 0.00
BETHLEHEM___GS2 323561	31.60 0.62 0.00	38.31 0.92 0.00	34.94 0.78 0.00	37.82 0.63 0.00	29.82 0.56 0.00	27.17 0.66 0.00	34.48 0.71 0.00	38.89 0.81 0.00	42.79 0.86 0.00	45.19 0.68 0.00	40.53 0.52 0.00	50.87 0.37 0.00	53.22 0.60 0.00	64.23 0.92 0.00	68.94 1.14 0.00	67.64 1.31 0.00	79.74 1.75 0.00	149.13 3.55 0.00	111.71 2.19 -10.96	68.79 1.42 0.00	80.79 1.40 -10.96	115.23 1.24 -51.09	48.72 0.98 0.00	49.12 0.94 0.00
BETHLEHEM___GS3 323562	31.60 0.62 0.00	38.31 0.92 0.00	34.94 0.78 0.00	37.82 0.63 0.00	29.82 0.56 0.00	27.17 0.66 0.00	34.48 0.71 0.00	38.89 0.81 0.00	42.79 0.86 0.00	45.19 0.68 0.00	40.53 0.52 0.00	50.87 0.37 0.00	53.22 0.60 0.00	64.23 0.92 0.00	68.94 1.14 0.00	67.64 1.31 0.00	79.74 1.75 0.00	149.13 3.55 0.00	111.71 2.19 -10.96	68.79 1.42 0.00	80.79 1.40 -10.96	115.23 1.24 -51.09	48.72 0.98 0.00	49.12 0.94 0.00
BETHLEHEM___STEEL 23779	31.44 0.46 0.00	37.60 0.20 0.00	34.37 0.21 0.00	37.04 -0.15 0.00	29.09 -0.18 0.00	26.39 -0.12 0.00	33.72 -0.05 0.00	38.09 0.01 0.00	42.40 0.47 0.00	45.57 1.07 0.00	41.37 1.35 0.00	52.83 2.33 0.00	54.70 2.07 0.00	65.55 2.24 0.00	69.77 1.97 0.00	68.75 2.42 0.00	79.35 1.36 0.00	146.34 0.76 0.00	98.88 0.31 0.00	68.05 0.69 0.00	69.08 0.65 0.00	63.17 0.27 0.00	48.06 0.32 0.00	48.89 0.71 0.00
BETHLHEM_115KV_TB1 79974	31.67 0.68 0.00	38.41 1.01 0.00	35.02 0.87 0.00	37.92 0.73 0.00	29.89 0.63 0.00	27.23 0.72 0.00	34.57 0.80 0.00	38.97 0.89 0.00	42.88 0.95 0.00	45.31 0.80 0.00	40.63 0.62 0.00	51.01 0.50 0.00	53.35 0.73 0.00	64.37 1.07 0.00	69.10 1.30 0.00	67.80 1.48 0.00	79.91 1.91 0.00	149.35 3.78 0.00	111.37 2.36 -10.44	68.92 1.55 0.00	80.41 1.54 -10.44	112.92 1.35 -48.67	48.81 1.07 0.00	49.23 1.05 0.00
BETHPAGE_CC_5 323564	34.06 2.59 -0.48	42.47 3.13 -1.94	40.33 2.80 -3.37	39.68 2.49 0.00	31.35 2.08 0.00	28.69 2.18 0.00	36.45 2.69 0.00	41.15 3.07 0.00	45.14 3.21 0.00	47.84 3.34 0.00	43.01 3.00 0.00	53.76 3.25 0.00	57.57 4.45 -0.50	69.92 5.52 -1.10	74.85 6.25 -0.80	74.49 6.86 -1.30	96.19 8.55 -9.64	164.12 14.85 -3.69	109.93 9.21 -2.15	74.03 5.90 -0.77	76.21 5.46 -2.32	77.17 4.76 -9.51	57.35 3.97 -5.64	62.95 4.02 -10.75
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.53 0.54 0.00	37.69 0.30 0.00	34.45 0.30 0.00	37.13 -0.06 0.00	29.15 -0.11 0.00	26.45 -0.06 0.00	33.79 0.03 0.00	38.21 0.13 0.00	42.55 0.61 0.00	45.73 1.23 0.00	41.52 1.51 0.00	53.03 2.52 0.00	54.92 2.30 0.00	65.84 2.53 0.00	70.12 2.31 0.00	69.09 2.76 0.00	79.75 1.76 0.00	147.09 1.51 0.00	99.34 0.77 0.00	68.35 0.98 0.00	69.38 0.95 0.00	63.45 0.55 0.00	48.24 0.51 0.00	49.06 0.88 0.00

BINGHAMTON___COGEN 23790	31.55 0.56 -0.01	38.10 0.66 -0.04	34.71 0.55 0.00	37.59 0.40 0.00	29.53 0.26 0.00	26.89 0.38 0.00	34.26 0.50 0.00	38.90 0.76 -0.06	42.93 1.00 0.00	45.74 1.24 0.00	41.19 1.18 0.00	51.98 1.48 0.00	54.25 1.63 0.00	65.37 2.07 0.00	70.19 2.38 0.00	68.79 2.46 0.00	80.75 2.76 0.00	150.04 4.46 0.00	102.02 2.66 -0.80	69.19 1.83 0.00	71.06 1.83 -0.80	68.25 1.65 -3.70	48.90 1.16 0.00	49.31 1.13 0.00
BIXINCNT_115KV_LOAD 355685	31.72 0.73 0.00	37.95 0.55 0.00	34.68 0.52 0.00	37.37 0.18 0.00	29.31 0.04 0.00	26.56 0.05 0.00	33.94 0.18 0.00	38.50 0.42 0.00	42.92 0.99 0.00	46.20 1.70 0.00	41.83 1.81 0.00	53.18 2.68 0.00	55.12 2.50 0.00	65.98 2.67 0.00	70.25 2.45 0.00	69.30 2.97 0.00	79.99 2.00 0.00	147.47 1.89 0.00	99.70 1.13 0.00	68.46 1.10 0.00	69.77 1.34 0.00	63.92 1.02 0.00	48.58 0.85 0.00	49.39 1.21 0.00
BLACK RIVER___HYD 24047	31.82 0.82 -0.01	38.35 0.86 -0.10	34.96 0.79 -0.01	38.13 0.93 0.00	29.94 0.68 0.00	27.13 0.62 0.00	34.70 0.93 0.00	39.18 0.97 -0.13	42.73 0.80 0.00	45.70 1.20 0.00	40.98 0.97 0.00	52.05 1.54 0.00	53.43 0.81 0.00	63.54 0.24 0.00	68.02 0.22 0.00	64.07 -1.15 1.11	72.70 -0.23 5.06	144.65 1.61 2.53	101.06 2.49 0.00	68.33 0.96 0.00	69.61 1.18 0.00	64.67 1.77 0.00	48.75 1.01 0.00	48.96 0.78 0.00
BLACKRVR_115KV_TB2 79977	31.82 0.82 -0.01	38.35 0.86 -0.10	34.96 0.79 -0.01	38.13 0.93 0.00	29.94 0.68 0.00	27.13 0.62 0.00	34.69 0.93 0.00	39.19 0.97 -0.13	42.73 0.80 0.00	45.70 1.20 0.00	40.98 0.97 0.00	52.05 1.54 0.00	53.43 0.81 0.00	63.54 0.24 0.00	68.02 0.22 0.00	64.07 -1.15 1.11	72.70 -0.23 5.06	144.66 1.61 2.53	101.06 2.49 0.00	68.33 0.97 0.00	69.61 1.18 0.00	64.67 1.77 0.00	48.75 1.02 0.00	48.97 0.79 0.00
BLISS_WT_PWR 323608	31.72 0.73 0.00	37.95 0.55 0.00	34.67 0.51 0.00	37.39 0.20 0.00	29.30 0.04 0.00	26.54 0.03 0.00	33.89 0.13 0.00	38.47 0.39 0.00	42.90 0.97 0.00	46.21 1.71 0.00	41.84 1.83 0.00	53.19 2.69 0.00	55.12 2.50 0.00	65.93 2.62 0.00	70.19 2.38 0.00	69.24 2.91 0.00	79.90 1.91 0.00	147.24 1.66 0.00	99.65 1.08 0.00	68.39 1.03 0.00	69.73 1.30 0.00	63.91 1.02 0.00	48.57 0.83 0.00	49.39 1.21 0.00
BLUESTONE___WT_PWR 323821	33.02 2.03 0.00	39.70 2.27 -0.04	35.70 1.54 0.00	38.61 1.43 0.00	30.06 0.79 0.00	27.80 1.29 0.00	35.38 1.61 0.00	40.30 2.17 -0.05	44.74 2.81 0.00	47.81 3.31 0.00	43.26 3.25 0.00	54.75 4.25 0.00	56.94 4.32 0.00	68.28 4.97 0.00	73.28 5.47 0.00	72.00 5.67 0.00	84.55 6.56 0.00	158.51 12.93 0.00	108.53 8.44 -1.52	72.65 5.29 0.00	76.42 6.47 -1.52	75.99 6.00 -7.10	51.98 4.24 0.00	52.14 3.96 0.00
BLUE_CIRC_CHEM_DRP 24182	31.97 0.99 0.00	38.81 1.41 0.00	35.40 1.24 0.00	38.36 1.17 0.00	30.23 0.97 0.00	27.50 0.99 0.00	34.93 1.17 0.00	39.32 1.24 0.00	43.17 1.24 0.00	45.46 0.96 0.00	40.56 0.55 0.00	50.29 -0.21 0.00	52.24 -0.38 0.00	63.02 -0.28 0.00	67.66 -0.14 0.00	63.38 0.07 3.02	78.32 0.32 0.00	146.82 1.24 0.00	107.93 1.19 -8.17	69.31 1.95 0.00	78.05 1.44 -8.17	101.70 0.71 -38.10	48.61 0.87 0.00	49.65 1.47 0.00
BOC_GAS_DRP 24189	31.80 0.81 0.00	38.56 1.16 0.00	35.17 1.01 0.00	38.09 0.90 0.00	30.04 0.77 0.00	27.34 0.83 0.00	34.71 0.95 0.00	39.13 1.04 0.00	43.04 1.11 0.00	45.52 1.02 0.00	40.82 0.81 0.00	51.24 0.73 0.00	53.57 0.95 0.00	64.62 1.31 0.00	69.35 1.55 0.00	68.21 1.67 -0.21	80.11 2.11 0.00	149.49 3.91 0.00	108.56 2.44 -7.55	69.04 1.68 0.00	77.64 1.66 -7.55	99.55 1.46 -35.19	48.94 1.20 0.00	49.39 1.21 0.00
BOONVILLE_115KV_TB1 79983	32.00 1.01 0.00	38.58 1.16 -0.03	35.17 1.01 0.00	38.25 1.06 0.00	30.08 0.82 0.00	27.30 0.79 0.00	34.83 1.07 0.00	39.33 1.21 -0.04	43.18 1.25 0.00	45.98 1.48 0.00	41.29 1.28 0.00	52.25 1.75 0.00	54.23 1.61 0.00	65.19 1.89 0.00	69.87 2.06 0.00	68.61 1.50 -0.78	78.34 2.18 1.84	149.59 4.93 0.92	102.38 3.81 0.00	69.60 2.24 0.00	70.76 2.33 0.00	65.22 2.33 0.00	49.41 1.67 0.00	49.64 1.46 0.00
BORALEX_4TH_BRANCH 23824	32.78 1.80 0.00	39.85 2.45 0.00	36.38 2.22 0.00	39.37 2.18 0.00	31.03 1.77 0.00	28.26 1.75 0.00	35.72 1.96 0.00	40.32 2.24 0.00	44.35 2.42 0.00	46.69 2.19 0.00	41.88 1.87 0.00	52.68 2.17 0.00	54.89 2.27 0.00	66.22 2.92 0.00	71.14 3.33 0.00	69.84 3.51 0.00	82.38 4.39 0.00	154.77 9.19 0.00	119.46 5.91 -14.99	71.14 3.77 0.00	87.35 3.93 -14.99	136.58 3.82 -69.86	50.79 3.05 0.00	51.17 2.99 0.00
BOWLINE___1 23526	32.94 1.95 0.00	39.66 2.26 0.00	36.08 1.93 0.00	38.88 1.69 0.00	30.72 1.46 0.00	28.08 1.57 0.00	35.69 1.93 0.00	40.40 2.32 0.00	44.58 2.65 0.00	47.45 2.95 0.00	42.60 2.59 0.00	53.43 2.92 0.00	56.29 3.67 0.00	67.96 4.66 0.00	73.10 5.29 0.00	72.04 5.71 0.00	84.99 7.00 0.00	157.59 12.01 0.00	107.77 7.42 -1.78	72.08 4.72 0.00	74.58 4.37 -1.78	75.15 3.94 -8.31	50.77 3.04 0.00	51.17 2.99 0.00
BOWLINE___2 23595	32.89 1.90 0.00	39.63 2.23 0.00	36.07 1.91 0.00	38.86 1.67 0.00	30.71 1.45 0.00	28.07 1.56 0.00	35.68 1.92 0.00	40.38 2.30 0.00	44.55 2.62 0.00	47.41 2.91 0.00	42.56 2.55 0.00	53.36 2.86 0.00	56.21 3.59 0.00	67.88 4.57 0.00	73.02 5.21 0.00	71.97 5.64 0.00	84.88 6.89 0.00	157.41 11.84 0.00	107.64 7.28 -1.78	72.00 4.64 0.00	74.49 4.28 -1.78	75.08 3.87 -8.31	50.75 3.02 0.00	51.17 2.99 0.00
BRADY___115KV_TB2 356060	30.27 -0.71 0.00	36.30 -1.09 0.00	33.36 -0.80 0.00	36.53 -0.66 0.00	28.67 -0.59 0.00	25.80 -0.71 0.00	33.07 -0.69 0.00	37.22 -0.86 0.00	40.76 -1.17 0.00	43.13 -1.37 0.00	38.66 -1.35 0.00	49.28 -1.23 0.00	50.93 -1.69 0.00	60.58 -2.73 0.00	64.61 -3.20 0.00	62.23 -3.75 0.35	50.04 -3.91 24.05	128.09 -5.46 12.03	95.13 -3.43 0.00	65.36 -2.01 0.00	66.67 -1.76 0.00	61.54 -1.36 0.00	46.75 -0.99 0.00	47.34 -0.85 0.00
BRANSCOMB___SOLAR 323811	32.88 1.89 0.00	39.86 2.46 0.00	36.33 2.18 0.00	39.35 2.16 0.00	31.03 1.76 0.00	28.26 1.75 0.00	35.92 2.15 0.00	40.55 2.47 0.00	44.59 2.66 0.00	47.02 2.52 0.00	42.08 2.07 0.00	52.96 2.45 0.00	55.27 2.65 0.00	66.79 3.48 0.00	71.97 4.16 0.00	70.69 4.36 0.00	83.17 5.18 0.00	156.37 10.80 0.00	126.12 7.68 -19.88	72.59 5.22 0.00	93.60 5.29 -19.88	160.24 4.68 -92.67	51.06 3.32 0.00	51.27 3.08 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	34.39 2.93 -0.48	42.85 3.52 -1.94	40.71 3.18 -3.37	40.03 2.85 0.00	31.65 2.39 0.00	28.96 2.45 0.00	36.78 3.02 0.00	41.48 3.39 0.00	45.44 3.51 0.00	48.26 3.76 0.00	43.30 3.29 0.00	53.74 3.24 0.00	62.74 4.58 -5.54	81.18 5.70 -12.16	83.00 6.42 -8.78	87.63 7.01 -14.29	111.87 8.78 -25.09	178.11 15.19 -17.34	114.33 9.54 -6.22	81.99 6.19 -8.44	81.67 5.79 -7.45	77.39 4.98 -9.51	56.60 4.48 -4.38	62.55 4.64 -9.72



BRISTLHL_115KV_TB1 79998	30.78 -0.23 -0.03	37.31 -0.30 -0.21	33.84 -0.33 -0.02	36.82 -0.37 0.00	28.92 -0.34 0.00	26.25 -0.26 0.00	33.43 -0.33 0.00	38.03 -0.34 -0.29	41.62 -0.31 0.00	44.26 -0.24 0.00	39.87 -0.14 0.00	50.42 -0.08 0.00	52.58 -0.04 0.00	63.24 -0.06 0.00	67.63 -0.18 0.00	66.18 -0.06 0.09	77.96 -0.04 0.00	145.24 -0.34 0.00	98.22 -0.34 0.00	67.11 -0.26 0.00	68.15 -0.28 0.00	62.55 -0.35 0.00	47.35 -0.39 0.00	47.69 -0.49 0.00
BROOKHAVEN___DRP 24191	34.35 2.89 -0.48	42.80 3.46 -1.94	40.63 3.10 -3.37	39.96 2.77 0.00	31.57 2.31 0.00	28.91 2.40 0.00	36.75 2.99 0.00	41.45 3.37 0.00	45.41 3.49 0.00	48.19 3.69 0.00	43.34 3.33 0.00	54.14 3.63 0.00	83.89 5.07 -26.19	127.16 6.34 -57.51	116.39 7.08 -41.50	141.55 7.67 -67.56	193.01 9.43 -105.59	261.57 16.13 -99.86	135.64 10.19 -26.88	113.98 6.73 -39.88	103.47 6.31 -28.73	77.81 5.40 -9.51	56.45 4.48 -4.23	62.26 4.48 -9.60
BROOKLYN_NAVY_YARD 23515	33.37 2.39 0.00	40.10 2.70 0.00	36.53 2.37 0.00	39.31 2.12 0.00	31.08 1.82 0.00	28.47 1.96 0.00	36.19 2.44 0.00	41.02 2.94 0.00	45.29 3.36 0.00	48.24 3.74 0.00	43.24 3.22 0.00	54.15 3.65 0.00	57.08 4.45 0.00	68.91 5.61 0.00	74.15 6.34 0.00	73.12 6.79 0.00	86.18 8.19 0.00	159.48 13.90 0.00	108.92 8.50 -1.86	72.91 5.55 0.00	75.45 5.16 -1.86	76.23 4.66 -8.68	51.43 3.70 0.00	51.80 3.62 0.00
BROOKLYN___ARMY_DRP 323595	33.55 2.56 0.00	40.27 2.87 0.00	36.73 2.58 0.00	39.45 2.26 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.28 6.96 0.00	86.17 8.18 0.00	159.23 13.66 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.36 -1.86	76.42 4.85 -8.68	51.66 3.92 0.00	51.96 3.78 0.00
BROOKVLE_69_KV_TB1 55790	34.45 2.99 -0.48	42.86 3.52 -1.94	40.65 3.12 -3.37	40.05 2.86 0.00	31.63 2.36 0.00	28.95 2.44 0.00	36.79 3.03 0.00	41.61 3.53 0.00	45.77 3.84 0.00	48.67 4.17 0.00	43.82 3.81 0.00	54.71 4.21 0.00	58.02 5.40 0.00	69.99 6.69 0.00	75.34 7.53 0.00	74.50 8.17 0.00	113.59 10.06 -25.53	170.09 17.37 -7.15	111.22 10.79 -1.86	74.27 6.90 0.00	76.75 6.46 -1.86	78.09 5.69 -9.51	59.86 4.66 -7.47	65.20 4.79 -12.23
BROOME_2_LFGE 323671	31.55 0.56 -0.01	38.11 0.67 -0.04	34.70 0.54 0.00	37.59 0.40 0.00	29.53 0.26 0.00	26.89 0.38 0.00	34.26 0.50 0.00	38.90 0.76 -0.06	42.93 1.00 0.00	45.74 1.24 0.00	41.19 1.18 0.00	51.98 1.48 0.00	54.25 1.63 0.00	65.37 2.07 0.00	70.19 2.38 0.00	68.78 2.45 0.00	80.76 2.77 0.00	150.04 4.46 0.00	102.05 2.68 -0.80	69.19 1.83 0.00	71.05 1.83 -0.80	68.24 1.65 -3.70	48.90 1.16 0.00	49.31 1.13 0.00
BROOME___LFGE 323600	31.55 0.56 -0.01	38.11 0.67 -0.04	34.70 0.54 0.00	37.59 0.40 0.00	29.53 0.26 0.00	26.89 0.38 0.00	34.26 0.50 0.00	38.90 0.76 -0.06	42.93 1.00 0.00	45.74 1.24 0.00	41.19 1.18 0.00	51.98 1.48 0.00	54.25 1.63 0.00	65.37 2.07 0.00	70.19 2.38 0.00	68.78 2.45 0.00	80.76 2.77 0.00	150.04 4.46 0.00	102.05 2.68 -0.80	69.19 1.83 0.00	71.05 1.83 -0.80	68.24 1.65 -3.70	48.90 1.16 0.00	49.31 1.13 0.00
BROWNFLS_115KV_TB_3_5 80003	30.69 -0.30 -0.01	37.04 -0.40 -0.04	33.86 -0.31 0.00	36.94 -0.25 0.00	28.94 -0.33 0.00	26.17 -0.34 0.00	33.50 -0.26 0.00	37.80 -0.34 -0.05	41.27 -0.67 0.00	43.99 -0.52 0.00	39.46 -0.55 0.00	50.18 -0.33 0.00	51.61 -1.02 0.00	61.50 -1.80 0.00	65.77 -2.04 0.00	62.35 -2.87 1.11	61.50 -2.52 13.97	135.77 -2.81 6.99	97.12 -1.45 0.00	66.03 -1.33 0.00	67.21 -1.22 0.00	62.27 -0.62 0.00	47.25 -0.48 0.00	47.55 -0.64 0.00
BROWNSV1_27_KV_LOAD 356125	33.83 2.84 0.00	40.66 3.26 0.00	37.01 2.85 0.00	39.83 2.64 0.00	31.49 2.23 0.00	28.83 2.32 0.00	36.67 2.91 0.00	41.56 3.48 0.00	45.90 3.97 0.00	48.89 4.39 0.00	43.87 3.86 0.00	54.94 4.44 0.00	57.92 5.30 0.00	69.92 6.62 0.00	75.30 7.49 0.00	74.29 7.97 0.00	87.54 9.54 0.00	161.96 16.39 0.00	110.60 10.17 -1.86	74.07 6.71 0.00	76.60 6.31 -1.86	77.29 5.72 -8.68	52.27 4.53 0.00	52.61 4.43 0.00
BURROWS___LYONSDAL 23803	31.92 0.93 0.00	38.48 1.05 -0.03	35.07 0.91 0.00	38.17 0.98 0.00	30.01 0.74 0.00	27.22 0.71 0.00	34.74 0.98 0.00	39.22 1.09 -0.04	43.00 1.07 0.00	45.80 1.30 0.00	41.11 1.10 0.00	52.07 1.57 0.00	53.94 1.32 0.00	64.72 1.41 0.00	69.37 1.56 0.00	67.11 0.79 0.00	76.57 1.49 2.92	148.13 4.01 1.46	101.89 3.32 0.00	69.11 1.75 0.00	70.24 1.81 0.00	64.87 1.97 0.00	49.17 1.43 0.00	49.39 1.21 0.00
CAITHNESS_CC_1 323624	34.29 2.83 -0.48	42.74 3.40 -1.94	40.59 3.06 -3.37	39.91 2.72 0.00	31.54 2.27 0.00	28.87 2.36 0.00	36.69 2.93 0.00	41.38 3.29 0.00	45.33 3.40 0.00	48.11 3.61 0.00	43.27 3.26 0.00	54.04 3.53 0.00	83.60 4.94 -26.04	126.65 6.17 -57.17	115.97 6.91 -41.26	140.97 7.48 -67.16	192.17 9.21 -104.97	259.81 15.70 -98.53	135.00 9.90 -26.53	113.55 6.54 -39.65	103.09 6.13 -28.54	77.66 5.26 -9.51	56.34 4.37 -4.23	62.17 4.38 -9.60
CALPINE BETH_PAGE_GT4 24209	34.02 2.56 -0.48	42.48 3.15 -1.94	40.33 2.80 -3.37	39.69 2.50 0.00	31.35 2.09 0.00	28.69 2.18 0.00	36.46 2.69 0.00	41.16 3.08 0.00	45.16 3.23 0.00	47.81 3.31 0.00	42.99 2.98 0.00	53.74 3.24 0.00	57.42 4.41 -0.39	69.64 5.48 -0.85	74.64 6.22 -0.61	74.16 6.84 -1.00	97.80 8.52 -11.29	164.26 14.76 -3.93	109.78 9.13 -2.08	73.82 5.87 -0.59	76.05 5.40 -2.21	77.13 4.73 -9.51	57.93 3.94 -6.25	63.42 4.00 -11.24
CALPINE_BETH_PAGE_GT_4 323586	34.02 2.56 -0.48	42.49 3.14 -1.94	40.33 2.80 -3.37	39.68 2.49 0.00	31.35 2.09 0.00	28.69 2.18 0.00	36.45 2.69 0.00	41.16 3.08 0.00	45.16 3.23 0.00	47.81 3.31 0.00	42.99 2.98 0.00	53.74 3.24 0.00	57.42 4.41 -0.39	69.63 5.48 -0.85	74.63 6.22 -0.61	74.16 6.83 -1.00	97.80 8.52 -11.29	164.26 14.75 -3.93	109.78 9.13 -2.08	73.82 5.87 -0.59	76.05 5.41 -2.21	77.13 4.73 -9.51	57.93 3.95 -6.25	63.42 4.00 -11.24
CALPINE_BP_GT1 23823	34.02 2.56 -0.48	42.49 3.14 -1.94	40.33 2.80 -3.37	39.68 2.49 0.00	31.35 2.09 0.00	28.69 2.18 0.00	36.45 2.69 0.00	41.16 3.08 0.00	45.16 3.23 0.00	47.81 3.31 0.00	42.99 2.98 0.00	53.74 3.24 0.00	57.42 4.41 -0.39	69.63 5.48 -0.85	74.63 6.22 -0.61	74.16 6.83 -1.00	97.80 8.52 -11.29	164.26 14.75 -3.93	109.78 9.13 -2.08	73.82 5.87 -0.59	76.05 5.41 -2.21	77.13 4.73 -9.51	57.93 3.95 -6.25	63.42 4.00 -11.24
CALSPAN___DRP 24200	31.44 0.46 0.00	37.60 0.20 0.00	34.37 0.21 0.00	37.04 -0.15 0.00	29.09 -0.18 0.00	26.39 -0.12 0.00	33.72 -0.05 0.00	38.09 0.01 0.00	42.40 0.47 0.00	45.57 1.07 0.00	41.37 1.35 0.00	52.83 2.33 0.00	54.70 2.07 0.00	65.55 2.24 0.00	69.77 1.97 0.00	68.75 2.42 0.00	79.35 1.36 0.00	146.34 0.76 0.00	98.88 0.31 0.00	68.05 0.69 0.00	69.08 0.65 0.00	63.17 0.27 0.00	48.06 0.32 0.00	48.89 0.71 0.00

CALVERTON___SOLAR 323806	34.47 3.01 -0.48	42.93 3.59 -1.94	40.75 3.22 -3.37	40.07 2.88 0.00	31.66 2.40 0.00	29.00 2.49 0.00	36.87 3.11 0.00	41.58 3.50 0.00	45.58 3.65 0.00	48.36 3.86 0.00	43.49 3.48 0.00	54.34 3.84 0.00	84.19 5.31 -26.26	127.60 6.64 -57.65	116.80 7.39 -41.60	142.02 7.97 -67.72	193.65 9.82 -105.84	262.74 16.78 -100.38	136.18 10.60 -27.01	114.35 7.01 -39.98	103.81 6.57 -28.81	78.00 5.60 -9.51	56.63 4.66 -4.24	62.44 4.65 -9.61
CANDIGU_WT_PWR 323617	31.50 0.51 0.00	37.87 0.45 -0.02	34.55 0.39 0.00	37.29 0.10 0.00	29.26 0.00 0.00	26.60 0.09 0.00	33.92 0.16 0.00	38.51 0.40 -0.03	42.65 0.72 0.00	45.74 1.24 0.00	41.34 1.33 0.00	52.33 1.83 0.00	54.42 1.80 0.00	65.30 2.00 0.00	69.76 1.96 0.00	68.56 2.23 0.00	79.73 1.74 0.00	147.45 1.87 0.00	99.76 1.20 0.00	68.63 1.27 0.00	69.74 1.31 0.00	64.08 1.19 0.00	48.60 0.86 0.00	49.25 1.06 0.00
CARR STREET_E_SYR 24060	30.95 -0.04 -0.01	37.35 -0.11 -0.06	34.02 -0.15 0.00	36.99 -0.20 0.00	29.06 -0.21 0.00	26.38 -0.13 0.00	33.62 -0.14 0.00	38.06 -0.10 -0.08	41.93 0.00 0.00	44.65 0.14 0.00	40.24 0.23 0.00	50.90 0.40 0.00	53.07 0.45 0.00	63.92 0.62 0.00	68.40 0.59 0.00	67.03 0.70 0.00	78.72 0.73 0.00	146.51 0.94 0.00	99.09 0.53 0.00	67.71 0.35 0.00	68.75 0.32 0.00	63.08 0.18 0.00	47.74 0.01 0.00	48.09 -0.09 0.00
CARTHAGE___PAPER 23857	31.79 0.79 -0.01	38.29 0.81 -0.08	34.93 0.76 -0.01	38.10 0.91 0.00	29.92 0.66 0.00	27.10 0.59 0.00	34.65 0.89 0.00	39.14 0.94 -0.11	42.64 0.71 0.00	45.53 1.03 0.00	40.81 0.80 0.00	51.76 1.26 0.00	52.91 0.28 0.00	62.52 -0.79 0.00	66.94 -0.86 0.00	62.94 -2.09 1.30	70.71 -1.34 5.94	142.22 -0.39 2.97	99.50 0.94 0.00	67.28 -0.09 0.00	68.60 0.17 0.00	64.54 1.64 0.00	48.77 1.04 0.00	49.01 0.83 0.00
CASSADAGA_WT_PWR 323784	32.44 1.45 0.00	38.77 1.37 0.00	35.21 1.05 0.00	37.71 0.52 0.00	29.43 0.16 0.00	26.92 0.41 0.00	34.46 0.70 0.00	39.25 1.17 0.00	43.88 1.95 0.00	47.25 2.75 0.00	42.90 2.89 0.00	54.64 4.14 0.00	56.79 4.17 0.00	67.96 4.65 0.00	71.91 4.10 0.00	70.68 4.35 0.00	82.04 4.04 0.00	150.79 5.21 0.00	102.04 3.48 0.00	70.25 2.89 0.00	72.33 3.90 0.00	66.30 3.41 0.00	50.22 2.48 0.00	50.83 2.65 0.00
CE_DUNWOOD___DRP 24194	33.15 2.16 0.00	39.93 2.53 0.00	36.35 2.19 0.00	39.16 1.97 0.00	30.93 1.67 0.00	28.29 1.78 0.00	35.97 2.21 0.00	40.73 2.65 0.00	44.93 3.00 0.00	47.80 3.30 0.00	42.92 2.91 0.00	53.80 3.30 0.00	56.69 4.07 0.00	68.44 5.13 0.00	73.64 5.83 0.00	72.59 6.27 0.00	85.61 7.62 0.00	158.72 13.14 0.00	108.54 8.11 -1.86	72.61 5.24 0.00	75.18 4.89 -1.86	75.96 4.41 -8.66	51.22 3.48 0.00	51.59 3.41 0.00
CE_MILLWOOD___DRP 24193	33.07 2.08 0.00	39.83 2.43 0.00	36.27 2.11 0.00	39.08 1.89 0.00	30.87 1.61 0.00	28.23 1.72 0.00	35.89 2.13 0.00	40.62 2.53 0.00	44.80 2.87 0.00	47.67 3.17 0.00	42.80 2.79 0.00	53.67 3.17 0.00	56.54 3.92 0.00	68.26 4.96 0.00	73.44 5.63 0.00	72.38 6.05 0.00	85.37 7.37 0.00	158.31 12.74 0.00	108.30 7.88 -1.85	72.43 5.07 0.00	75.02 4.74 -1.85	75.77 4.26 -8.61	51.10 3.36 0.00	51.47 3.29 0.00
CE_NYC2_DRP 24202	33.41 2.43 0.00	40.18 2.78 0.00	36.63 2.47 0.00	39.39 2.20 0.00	31.18 1.92 0.00	28.54 2.03 0.00	36.29 2.52 0.00	41.04 2.97 0.00	45.29 3.36 0.00	48.16 3.66 0.00	43.19 3.18 0.00	53.99 3.48 0.00	56.96 4.34 0.00	68.75 5.44 0.00	74.02 6.21 0.00	73.02 6.69 0.00	85.98 7.99 0.00	159.03 13.46 0.00	108.70 8.27 -1.86	72.79 5.42 0.00	75.26 4.97 -1.86	76.07 4.49 -8.68	51.40 3.66 0.00	51.78 3.60 0.00
CE_NYC_DRP 24195	33.39 2.40 0.00	40.14 2.75 0.00	36.56 2.40 0.00	39.34 2.15 0.00	31.11 1.84 0.00	28.48 1.97 0.00	36.22 2.46 0.00	41.04 2.96 0.00	45.31 3.38 0.00	48.25 3.75 0.00	43.28 3.27 0.00	54.18 3.68 0.00	57.13 4.51 0.00	68.97 5.66 0.00	74.25 6.45 0.00	73.23 6.90 0.00	86.28 8.29 0.00	159.63 14.05 0.00	109.03 8.60 -1.86	72.99 5.62 0.00	75.51 5.22 -1.86	76.26 4.69 -8.68	51.50 3.76 0.00	51.85 3.66 0.00
CHAFFEE___LFGE 323603	31.56 0.58 0.00	37.78 0.38 0.00	34.53 0.37 0.00	37.23 0.04 0.00	29.22 -0.04 0.00	26.52 0.01 0.00	33.89 0.13 0.00	38.33 0.25 0.00	42.64 0.71 0.00	45.85 1.35 0.00	41.60 1.59 0.00	53.08 2.58 0.00	55.00 2.37 0.00	65.97 2.66 0.00	70.25 2.45 0.00	69.22 2.89 0.00	79.93 1.94 0.00	147.49 1.91 0.00	99.64 1.08 0.00	68.52 1.16 0.00	69.58 1.14 0.00	63.60 0.70 0.00	48.34 0.60 0.00	49.12 0.94 0.00
CHATEAUG_35_KV_LOAD 355732	30.38 -0.61 0.00	36.37 -1.03 0.00	33.40 -0.75 0.00	36.51 -0.68 0.00	28.78 -0.49 0.00	25.98 -0.54 0.00	33.21 -0.55 0.00	37.48 -0.60 0.00	41.20 -0.73 0.00	43.57 -0.93 0.00	39.11 -0.90 0.00	49.25 -1.25 0.00	50.63 -1.99 0.00	60.69 -2.62 0.00	64.54 -3.26 0.00	61.44 -4.68 0.20	46.48 -5.52 26.00	124.39 -8.19 13.00	93.18 -5.39 0.00	64.06 -3.30 0.00	65.35 -3.08 0.00	60.25 -2.64 0.00	46.14 -1.59 0.00	47.12 -1.07 0.00
CHATEAUG_WT_PWR 323614	30.44 -0.55 0.00	36.50 -0.91 0.00	33.48 -0.68 0.00	36.56 -0.63 0.00	28.83 -0.43 0.00	26.06 -0.45 0.00	33.32 -0.45 0.00	37.62 -0.46 0.00	41.36 -0.58 0.00	43.76 -0.74 0.00	39.27 -0.75 0.00	49.35 -1.16 0.00	50.63 -1.99 0.00	60.62 -2.69 0.00	64.58 -3.22 0.00	61.43 -4.74 0.16	45.85 -5.63 26.51	123.83 -8.49 13.26	92.90 -5.66 0.00	63.70 -3.66 0.00	64.96 -3.47 0.00	59.89 -3.00 0.00	46.02 -1.71 0.00	47.12 -1.06 0.00
CHAT_HIGH_FALL_HYD 323578	30.38 -0.61 0.00	36.37 -1.03 0.00	33.40 -0.75 0.00	36.51 -0.68 0.00	28.78 -0.49 0.00	25.98 -0.54 0.00	33.21 -0.55 0.00	37.48 -0.60 0.00	41.20 -0.73 0.00	43.57 -0.93 0.00	39.11 -0.90 0.00	49.25 -1.25 0.00	50.63 -1.99 0.00	60.69 -2.62 0.00	64.54 -3.26 0.00	61.44 -4.68 0.20	46.48 -5.52 26.00	124.39 -8.19 13.00	93.18 -5.39 0.00	64.06 -3.30 0.00	65.35 -3.08 0.00	60.25 -2.64 0.00	46.14 -1.59 0.00	47.12 -1.07 0.00
CHAUTAUQUA___LFGE 323629	31.93 0.94 0.00	38.19 0.79 0.00	34.77 0.61 0.00	37.37 0.18 0.00	29.24 -0.02 0.00	26.68 0.17 0.00	34.10 0.33 0.00	38.77 0.69 0.00	43.24 1.31 0.00	46.54 2.04 0.00	42.16 2.15 0.00	53.70 3.20 0.00	55.85 3.23 0.00	66.89 3.59 0.00	71.12 3.32 0.00	70.02 3.69 0.00	81.15 3.16 0.00	149.59 4.01 0.00	101.03 2.47 0.00	69.45 2.08 0.00	70.86 2.44 0.00	64.95 2.06 0.00	49.25 1.52 0.00	49.96 1.78 0.00
CHERRYST_13_KV_LD 356241	33.49 2.51 0.00	40.27 2.87 0.00	36.68 2.52 0.00	39.47 2.28 0.00	31.21 1.95 0.00	28.59 2.08 0.00	36.37 2.61 0.00	41.23 3.15 0.00	45.55 3.62 0.00	48.51 4.01 0.00	43.53 3.52 0.00	54.50 3.99 0.00	57.46 4.84 0.00	69.36 6.05 0.00	74.69 6.88 0.00	73.66 7.33 0.00	86.78 8.79 0.00	160.52 14.94 0.00	109.58 9.15 -1.86	73.33 5.97 0.00	75.84 5.55 -1.86	76.56 4.99 -8.68	51.71 3.97 0.00	52.04 3.86 0.00

CHESTROR_138KV_BK263 355645	32.72 1.74 0.00	39.45 2.05 0.00	35.91 1.76 0.00	38.75 1.56 0.00	30.59 1.32 0.00	27.93 1.41 0.00	35.51 1.74 0.00	40.15 2.07 0.00	44.30 2.37 0.00	47.11 2.61 0.00	42.33 2.32 0.00	53.16 2.65 0.00	55.92 3.29 0.00	67.49 4.18 0.00	72.57 4.77 0.00	71.46 5.13 0.00	84.32 6.32 0.00	156.58 11.00 0.00	107.08 6.83 -1.68	71.78 4.41 0.00	74.26 4.15 -1.68	74.48 3.74 -7.84	50.61 2.88 0.00	50.97 2.78 0.00
CH_MIDHUDSON___DRP 24192	33.04 2.05 0.00	39.85 2.45 0.00	36.28 2.12 0.00	39.16 1.97 0.00	30.90 1.64 0.00	28.22 1.71 0.00	35.89 2.13 0.00	40.61 2.53 0.00	44.78 2.85 0.00	47.58 3.08 0.00	42.79 2.78 0.00	53.75 3.24 0.00	56.56 3.94 0.00	68.23 4.93 0.00	73.43 5.62 0.00	72.31 5.98 0.00	85.32 7.33 0.00	158.63 13.05 0.00	108.79 8.23 -2.00	72.67 5.31 0.00	75.46 5.02 -2.00	76.75 4.52 -9.33	51.21 3.48 0.00	51.51 3.33 0.00
CH_MISC_IPPS 23765	33.30 2.31 0.00	40.14 2.74 0.00	36.54 2.39 0.00	39.42 2.23 0.00	31.11 1.85 0.00	28.40 1.89 0.00	36.14 2.38 0.00	40.90 2.82 0.00	45.09 3.16 0.00	47.97 3.47 0.00	43.20 3.18 0.00	54.27 3.77 0.00	57.05 4.43 0.00	68.73 5.43 0.00	73.92 6.11 0.00	72.82 6.49 0.00	85.90 7.91 0.00	159.68 14.10 0.00	109.51 9.00 -1.95	73.19 5.82 0.00	75.89 5.51 -1.95	76.97 5.00 -9.08	51.53 3.79 0.00	51.80 3.61 0.00
CH_RES_BVR_FALLS 23983	30.60 -0.38 0.00	36.90 -0.50 0.00	33.76 -0.39 0.00	36.83 -0.36 0.00	29.00 -0.27 0.00	26.21 -0.30 0.00	33.44 -0.32 0.00	37.70 -0.38 0.00	41.47 -0.46 0.00	44.00 -0.50 0.00	39.55 -0.46 0.00	49.99 -0.52 0.00	51.80 -0.82 0.00	62.01 -1.30 0.00	66.19 -1.61 0.00	64.35 -1.98 0.00	89.57 -2.30 -13.87	148.95 -3.57 -6.94	96.29 -2.28 0.00	65.85 -1.51 0.00	67.08 -1.35 0.00	61.80 -1.09 0.00	46.96 -0.78 0.00	47.54 -0.64 0.00
CH_RES_NIAGARA 23895	30.39 -0.60 0.00	36.37 -1.03 0.00	33.32 -0.83 0.00	35.95 -1.24 0.00	28.26 -1.01 0.00	25.59 -0.92 0.00	32.66 -1.10 0.00	36.71 -1.37 0.00	40.73 -1.19 0.00	43.61 -0.89 0.00	39.61 -0.40 0.00	50.68 0.18 0.00	52.23 -0.39 0.00	62.56 -0.75 0.00	66.38 -1.43 0.00	65.31 -1.01 0.00	75.15 -2.84 0.00	138.60 -6.97 0.00	93.72 -4.85 0.00	64.70 -2.66 0.00	65.49 -2.94 0.00	59.95 -2.95 0.00	45.82 -1.92 0.00	46.86 -1.32 0.00
CH_RES_SYRACUSE 23985	31.23 0.23 -0.02	37.74 0.24 -0.10	34.32 0.16 -0.01	37.32 0.13 0.00	29.32 0.06 0.00	26.61 0.10 0.00	33.91 0.15 0.00	38.45 0.23 -0.14	42.17 0.24 0.00	44.88 0.38 0.00	40.33 0.32 0.00	51.01 0.51 0.00	53.18 0.56 0.00	64.05 0.75 0.00	68.54 0.73 0.00	67.16 0.83 0.00	78.94 0.95 0.00	146.90 1.32 0.00	99.42 0.86 0.00	67.92 0.56 0.00	69.00 0.57 0.00	63.32 0.43 0.00	47.93 0.19 0.00	48.28 0.09 0.00
CLINTON_WT_PWR 323605	30.44 -0.55 0.00	36.50 -0.91 0.00	33.48 -0.68 0.00	36.56 -0.63 0.00	28.83 -0.43 0.00	26.06 -0.45 0.00	33.32 -0.45 0.00	37.62 -0.46 0.00	41.36 -0.58 0.00	43.76 -0.74 0.00	39.27 -0.75 0.00	49.35 -1.16 0.00	50.63 -1.99 0.00	60.62 -2.69 0.00	64.58 -3.22 0.00	61.43 -4.74 0.16	45.85 -5.63 26.51	123.83 -8.49 13.26	92.90 -5.66 0.00	63.70 -3.66 0.00	64.96 -3.47 0.00	59.89 -3.00 0.00	46.02 -1.71 0.00	47.12 -1.06 0.00
CLINTON___LFGE 323618	30.91 -0.07 0.00	37.03 -0.36 0.00	33.95 -0.20 0.00	37.01 -0.18 0.00	29.17 -0.09 0.00	26.44 -0.07 0.00	33.80 0.04 0.00	38.19 0.11 0.00	41.95 0.02 0.00	44.29 -0.21 0.00	39.77 -0.24 0.00	49.76 -0.75 0.00	50.94 -1.68 0.00	60.93 -2.37 0.00	64.93 -2.88 0.00	61.66 -4.50 0.17	46.25 -5.36 26.38	124.66 -7.72 13.19	93.44 -5.13 0.00	64.09 -3.27 0.00	65.35 -3.08 0.00	60.50 -2.40 0.00	46.64 -1.10 0.00	47.83 -0.35 0.00
COBBLENY_34_KV_TB1 80064	31.56 0.58 0.00	37.78 0.38 0.00	34.53 0.38 0.00	37.21 0.02 0.00	29.22 -0.04 0.00	26.52 0.01 0.00	33.89 0.13 0.00	38.34 0.25 0.00	42.65 0.72 0.00	45.85 1.35 0.00	41.60 1.59 0.00	53.08 2.57 0.00	55.00 2.38 0.00	65.97 2.66 0.00	70.26 2.46 0.00	69.23 2.91 0.00	79.94 1.94 0.00	147.50 1.92 0.00	99.61 1.05 0.00	68.53 1.17 0.00	69.57 1.14 0.00	63.61 0.71 0.00	48.34 0.60 0.00	49.13 0.95 0.00
COFFEEN___115KV_TB3 355620	32.09 1.09 -0.02	38.64 1.14 -0.10	35.21 1.05 -0.01	38.39 1.20 0.00	30.16 0.90 0.00	27.34 0.82 0.00	34.98 1.22 0.00	39.52 1.31 -0.13	43.09 1.16 0.00	46.10 1.60 0.00	41.31 1.30 0.00	52.53 2.03 0.00	53.88 1.27 0.00	64.14 0.84 0.00	68.64 0.83 0.00	64.72 -0.54 1.07	73.60 0.51 4.91	146.14 3.02 2.45	102.22 3.66 0.00	69.20 1.83 0.00	70.50 2.08 0.00	65.46 2.56 0.00	49.30 1.56 0.00	49.44 1.26 0.00
COLDSPRG_115KV_BK1 355956	32.68 1.70 0.00	39.06 1.66 0.00	35.53 1.37 0.00	38.16 0.97 0.00	29.86 0.59 0.00	27.29 0.78 0.00	34.97 1.20 0.00	39.86 1.78 0.00	44.49 2.56 0.00	47.88 3.38 0.00	43.37 3.36 0.00	55.20 4.70 0.00	57.42 4.80 0.00	68.89 5.58 0.00	72.58 4.77 0.00	71.35 5.03 0.00	82.71 4.72 0.00	152.22 6.64 0.00	102.84 4.27 0.00	70.60 3.24 0.00	72.89 4.46 0.00	66.79 3.89 0.00	50.58 2.85 0.00	51.16 2.97 0.00
COLONIE_LFGE___ 323577	32.38 1.40 0.00	39.28 1.88 0.00	35.82 1.66 0.00	38.79 1.60 0.00	30.58 1.32 0.00	27.85 1.34 0.00	35.34 1.57 0.00	39.88 1.80 0.00	43.88 1.95 0.00	46.32 1.82 0.00	41.57 1.56 0.00	52.29 1.78 0.00	54.61 1.99 0.00	65.92 2.62 0.00	70.82 3.02 0.00	69.54 3.21 0.00	81.92 3.93 0.00	153.55 7.97 0.00	121.29 5.27 -17.45	70.83 3.47 0.00	89.41 3.53 -17.45	147.49 3.23 -81.36	50.17 2.44 0.00	50.50 2.32 0.00
COOPERNY_115KV_TB1 80082	32.25 1.27 0.00	38.92 1.52 0.00	35.46 1.30 0.00	38.33 1.14 0.00	30.23 0.96 0.00	27.55 1.04 0.00	35.03 1.27 0.00	39.58 1.50 0.00	43.65 1.72 0.00	46.42 1.92 0.00	41.74 1.73 0.00	52.47 1.97 0.00	55.07 2.45 0.00	66.40 3.10 0.00	71.35 3.54 0.00	70.12 3.79 0.00	82.63 4.63 0.00	153.55 7.97 0.00	104.81 4.95 -1.29	70.54 3.18 0.00	72.74 3.02 -1.29	71.66 2.75 -6.01	49.85 2.11 0.00	50.22 2.04 0.00
COPENHAGEN_WT_PWR 323753	31.67 0.66 -0.02	38.19 0.69 -0.10	34.82 0.66 -0.01	37.98 0.79 0.00	29.83 0.56 0.00	27.01 0.49 0.00	34.53 0.76 0.00	38.97 0.75 -0.14	42.48 0.55 0.00	45.49 0.99 0.00	40.82 0.80 0.00	51.82 1.32 0.00	53.26 0.63 0.00	63.36 0.06 0.00	67.76 -0.05 0.00	63.77 -1.55 1.01	72.77 -0.59 4.63	144.17 0.91 2.32	100.56 1.99 0.00	67.89 0.53 0.00	69.13 0.70 0.00	64.03 1.14 0.00	48.29 0.55 0.00	48.58 0.40 0.00
CORNELL_____ 23752	32.05 1.05 -0.01	38.66 1.21 -0.06	35.18 1.02 0.00	38.14 0.95 0.00	29.96 0.70 0.00	27.26 0.75 0.00	34.77 1.01 0.00	39.46 1.30 -0.08	43.38 1.45 0.00	46.15 1.65 0.00	41.58 1.57 0.00	52.51 2.01 0.00	54.68 2.06 0.00	65.91 2.60 0.00	70.82 3.01 0.00	69.35 3.03 0.00	81.59 3.60 0.00	151.86 6.29 0.00	103.59 4.45 -0.57	70.61 3.25 0.00	72.39 3.39 -0.57	68.57 3.02 -2.66	49.80 2.06 0.00	50.09 1.91 0.00

CORONA__69_KV_TB1 355595	34.37 2.91 -0.48	42.74 3.40 -1.94	40.55 3.03 -3.37	39.98 2.79 0.00	31.56 2.30 0.00	28.87 2.36 0.00	36.67 2.91 0.00	41.42 3.34 0.00	45.53 3.60 0.00	48.37 3.87 0.00	43.54 3.52 0.00	54.31 3.81 0.00	57.55 4.93 0.00	69.40 6.09 0.00	74.66 6.85 0.00	73.73 7.40 0.00	99.70 9.17 -12.54	164.96 15.87 -3.51	110.29 9.86 -1.86	73.72 6.36 0.00	76.28 5.99 -1.86	77.79 5.39 -9.51	68.32 4.54 -16.04	71.94 4.56 -19.19
CORTLAND__115KV_TB3 80093	31.84 0.85 -0.01	38.43 0.98 -0.06	34.99 0.82 0.00	37.94 0.75 0.00	29.81 0.55 0.00	27.12 0.61 0.00	34.57 0.80 0.00	39.22 1.06 -0.08	43.12 1.19 0.00	45.89 1.38 0.00	41.30 1.29 0.00	52.19 1.68 0.00	54.30 1.68 0.00	65.50 2.20 0.00	70.36 2.55 0.00	68.83 2.50 0.00	80.90 2.91 0.00	150.66 5.08 0.00	102.15 3.58 0.00	69.93 2.57 0.00	71.06 2.64 0.00	65.26 2.36 0.00	49.35 1.61 0.00	49.68 1.50 0.00
COXSACKIE__GT 23611	33.40 2.41 0.00	40.47 3.08 0.00	36.83 2.68 0.00	39.88 2.69 0.00	31.40 2.13 0.00	28.60 2.09 0.00	36.39 2.63 0.00	41.37 3.29 0.00	45.60 3.67 0.00	47.38 2.88 0.00	42.18 2.17 0.00	52.86 2.36 0.00	55.09 2.47 0.00	66.70 3.40 0.00	71.77 3.97 0.00	66.64 4.06 3.75	83.72 5.72 0.00	157.83 12.25 0.00	115.42 9.28 -7.57	74.03 6.67 0.00	82.79 6.79 -7.57	103.94 5.74 -35.31	51.90 4.17 0.00	52.26 4.08 0.00
CPV_VALLEY__CC1 323721	32.43 1.45 0.00	39.11 1.71 0.00	35.61 1.45 0.00	38.44 1.25 0.00	30.34 1.07 0.00	27.69 1.18 0.00	35.20 1.44 0.00	39.80 1.72 0.00	43.89 1.96 0.00	46.68 2.18 0.00	41.94 1.92 0.00	52.67 2.16 0.00	55.36 2.74 0.00	66.80 3.49 0.00	71.82 4.01 0.00	70.68 4.35 0.00	83.32 5.33 0.00	154.74 9.17 0.00	105.72 5.63 -1.52	70.97 3.61 0.00	73.31 3.36 -1.52	73.03 3.04 -7.09	50.09 2.36 0.00	50.46 2.28 0.00
CPV_VALLEY__CC2 323722	32.43 1.45 0.00	39.11 1.71 0.00	35.61 1.45 0.00	38.44 1.25 0.00	30.34 1.07 0.00	27.69 1.18 0.00	35.20 1.44 0.00	39.80 1.72 0.00	43.89 1.96 0.00	46.68 2.18 0.00	41.94 1.92 0.00	52.67 2.16 0.00	55.36 2.74 0.00	66.80 3.49 0.00	71.82 4.01 0.00	70.68 4.35 0.00	83.32 5.33 0.00	154.74 9.17 0.00	105.72 5.63 -1.52	70.97 3.61 0.00	73.31 3.36 -1.52	73.03 3.04 -7.09	50.09 2.36 0.00	50.46 2.28 0.00
CRESCENT__HYD 24018	32.38 1.40 0.00	39.28 1.88 0.00	35.82 1.66 0.00	38.79 1.60 0.00	30.58 1.32 0.00	27.85 1.34 0.00	35.34 1.57 0.00	39.88 1.80 0.00	43.88 1.95 0.00	46.32 1.82 0.00	41.57 1.56 0.00	52.29 1.78 0.00	54.61 1.99 0.00	65.92 2.62 0.00	70.82 3.02 0.00	69.54 3.21 0.00	81.92 3.93 0.00	153.55 7.97 0.00	121.29 5.27 -17.45	70.83 3.47 0.00	89.41 3.53 -17.45	147.49 3.23 -81.36	50.17 2.44 0.00	50.50 2.32 0.00
CRICKET__VALLEY_CC1 323756	32.57 1.59 0.00	39.33 1.93 0.00	35.85 1.69 0.00	38.70 1.51 0.00	30.56 1.29 0.00	27.90 1.39 0.00	35.48 1.72 0.00	40.16 2.07 0.00	44.25 2.32 0.00	46.91 2.41 0.00	42.12 2.11 0.00	52.93 2.43 0.00	55.66 3.04 0.00	67.17 3.87 0.00	72.24 4.43 0.00	71.12 4.79 0.00	83.99 6.00 0.00	156.69 11.11 0.00	107.82 6.94 -2.31	71.80 4.44 0.00	74.86 4.12 -2.31	77.33 3.69 -10.75	50.63 2.89 0.00	50.92 2.74 0.00
CRICKET__VALLEY_CC2 323757	32.57 1.59 0.00	39.33 1.93 0.00	35.85 1.69 0.00	38.70 1.51 0.00	30.56 1.29 0.00	27.90 1.39 0.00	35.48 1.72 0.00	40.16 2.07 0.00	44.25 2.32 0.00	46.91 2.41 0.00	42.12 2.11 0.00	52.93 2.43 0.00	55.66 3.04 0.00	67.17 3.87 0.00	72.24 4.43 0.00	71.12 4.79 0.00	83.99 6.00 0.00	156.69 11.11 0.00	107.82 6.94 -2.31	71.80 4.44 0.00	74.86 4.12 -2.31	77.33 3.69 -10.75	50.63 2.89 0.00	50.92 2.74 0.00
CRICKET__VALLEY_CC3 323758	32.57 1.59 0.00	39.33 1.93 0.00	35.85 1.69 0.00	38.70 1.51 0.00	30.56 1.29 0.00	27.90 1.39 0.00	35.48 1.72 0.00	40.16 2.07 0.00	44.25 2.32 0.00	46.91 2.41 0.00	42.12 2.11 0.00	52.93 2.43 0.00	55.66 3.04 0.00	67.17 3.87 0.00	72.24 4.43 0.00	71.12 4.79 0.00	83.99 6.00 0.00	156.69 11.11 0.00	107.82 6.94 -2.31	71.80 4.44 0.00	74.86 4.12 -2.31	77.33 3.69 -10.75	50.63 2.89 0.00	50.92 2.74 0.00
CRUCIBLE__METL_DRP 24180	31.23 0.23 -0.02	37.74 0.23 -0.10	34.33 0.16 -0.01	37.32 0.12 0.00	29.32 0.06 0.00	26.61 0.10 0.00	33.91 0.15 0.00	38.45 0.23 -0.14	42.17 0.24 0.00	44.88 0.38 0.00	40.34 0.33 0.00	51.01 0.51 0.00	53.18 0.56 0.00	64.05 0.75 0.00	68.54 0.73 0.00	67.16 0.83 0.00	78.95 0.95 0.00	146.91 1.33 0.00	99.42 0.86 0.00	67.92 0.56 0.00	69.00 0.57 0.00	63.33 0.43 0.00	47.93 0.19 0.00	48.28 0.09 0.00
DAHOWA__HYDRO 323763	33.05 2.07 0.00	40.07 2.67 0.00	36.53 2.37 0.00	39.57 2.38 0.00	31.17 1.91 0.00	28.42 1.91 0.00	36.12 2.36 0.00	40.82 2.73 0.00	44.89 2.96 0.00	47.33 2.83 0.00	42.32 2.31 0.00	53.30 2.79 0.00	55.60 2.98 0.00	67.22 3.92 0.00	72.41 4.61 0.00	71.17 4.85 0.00	83.77 5.77 0.00	157.64 12.06 0.00	127.35 8.56 -20.21	73.19 5.82 -0.01	94.53 5.88 -20.22	162.27 5.14 -94.24	51.34 3.60 0.00	51.52 3.34 0.00
DANC__LFGE 323619	31.32 0.32 -0.02	37.84 0.31 -0.13	34.45 0.28 -0.01	37.54 0.34 0.00	29.48 0.22 0.00	26.72 0.21 0.00	34.11 0.35 0.00	38.59 0.33 -0.18	42.13 0.21 0.00	45.00 0.50 0.00	40.44 0.43 0.00	51.26 0.75 0.00	52.95 0.33 0.00	63.27 -0.04 0.00	67.70 -0.10 0.00	64.58 -1.07 0.67	74.35 -0.52 3.11	144.20 0.18 1.56	99.56 0.99 0.00	67.52 0.16 0.00	68.75 0.32 0.00	63.43 0.54 0.00	47.78 0.05 0.00	48.08 -0.10 0.00
DANSKAMMER__1 23586	33.30 2.31 0.00	40.14 2.74 0.00	36.54 2.39 0.00	39.42 2.23 0.00	31.11 1.85 0.00	28.40 1.89 0.00	36.14 2.38 0.00	40.90 2.82 0.00	45.09 3.16 0.00	47.97 3.47 0.00	43.20 3.18 0.00	54.27 3.77 0.00	57.05 4.43 0.00	68.73 5.43 0.00	73.92 6.11 0.00	72.82 6.49 0.00	85.90 7.91 0.00	159.68 14.10 0.00	109.51 9.00 -1.95	73.19 5.82 0.00	75.89 5.51 -1.95	76.97 5.00 -9.08	51.53 3.79 0.00	51.80 3.61 0.00
DANSKAMMER__2 23589	33.30 2.31 0.00	40.14 2.74 0.00	36.54 2.39 0.00	39.42 2.23 0.00	31.11 1.85 0.00	28.40 1.89 0.00	36.14 2.38 0.00	40.90 2.82 0.00	45.09 3.16 0.00	47.97 3.47 0.00	43.20 3.18 0.00	54.27 3.77 0.00	57.05 4.43 0.00	68.73 5.43 0.00	73.92 6.11 0.00	72.82 6.49 0.00	85.90 7.91 0.00	159.68 14.10 0.00	109.51 9.00 -1.95	73.19 5.82 0.00	75.89 5.51 -1.95	76.97 5.00 -9.08	51.53 3.79 0.00	51.80 3.61 0.00
DANSKAMMER__3 23590	33.30 2.31 0.00	40.14 2.74 0.00	36.54 2.39 0.00	39.42 2.23 0.00	31.11 1.85 0.00	28.40 1.89 0.00	36.14 2.38 0.00	40.90 2.82 0.00	45.09 3.16 0.00	47.97 3.47 0.00	43.20 3.18 0.00	54.27 3.77 0.00	57.05 4.43 0.00	68.73 5.43 0.00	73.92 6.11 0.00	72.82 6.49 0.00	85.90 7.91 0.00	159.68 14.10 0.00	109.51 9.00 -1.95	73.19 5.82 0.00	75.89 5.51 -1.95	76.97 5.00 -9.08	51.53 3.79 0.00	51.80 3.61 0.00

DANSKAMMER___4 23591	33.30 2.31 0.00	40.14 2.74 0.00	36.54 2.39 0.00	39.42 2.23 0.00	31.11 1.85 0.00	28.40 1.89 0.00	36.14 2.38 0.00	40.90 2.82 0.00	45.09 3.16 0.00	47.97 3.47 0.00	43.20 3.18 0.00	54.27 3.77 0.00	57.05 4.43 0.00	68.73 5.43 0.00	73.92 6.11 0.00	72.82 6.49 0.00	85.90 7.91 0.00	159.68 14.10 0.00	109.51 9.00 -1.95	73.19 5.82 0.00	75.89 5.51 -1.95	76.97 5.00 -9.08	51.53 3.79 0.00	51.80 3.61 0.00
DANSKAMMER___DIESEL 23592	33.30 2.31 0.00	40.14 2.74 0.00	36.55 2.39 0.00	39.42 2.23 0.00	31.11 1.85 0.00	28.40 1.89 0.00	36.14 2.37 0.00	40.90 2.82 0.00	45.09 3.16 0.00	47.97 3.47 0.00	43.20 3.19 0.00	54.27 3.77 0.00	57.05 4.43 0.00	68.72 5.42 0.00	73.91 6.11 0.00	72.82 6.49 0.00	85.90 7.91 0.00	159.67 14.09 0.00	109.51 8.99 -1.95	73.18 5.82 0.00	75.89 5.51 -1.95	76.97 5.00 -9.08	51.53 3.79 0.00	51.80 3.61 0.00
DARBY___SOLAR 323810	32.88 1.89 0.00	39.86 2.46 0.00	36.34 2.18 0.00	39.36 2.17 0.00	31.03 1.76 0.00	28.26 1.75 0.00	35.92 2.15 0.00	40.57 2.49 0.00	44.61 2.68 0.00	47.04 2.54 0.00	42.11 2.10 0.00	52.98 2.47 0.00	55.28 2.66 0.00	66.81 3.50 0.00	71.99 4.18 0.00	70.71 4.38 0.00	83.22 5.23 0.00	156.48 10.91 0.00	126.22 7.76 -19.89	72.63 5.26 0.00	93.67 5.34 -19.89	160.34 4.70 -92.74	51.05 3.31 0.00	51.25 3.07 0.00
DASHVILLE___HYD 23610	32.99 2.01 0.00	39.80 2.40 0.00	36.23 2.07 0.00	39.07 1.88 0.00	30.83 1.57 0.00	28.16 1.65 0.00	35.81 2.05 0.00	40.52 2.44 0.00	44.69 2.76 0.00	47.57 3.07 0.00	42.77 2.76 0.00	53.82 3.31 0.00	56.70 4.08 0.00	68.40 5.09 0.00	73.69 5.89 0.00	71.61 6.33 1.05	85.73 7.74 0.00	159.09 13.51 0.00	110.18 8.30 -3.31	72.66 5.29 0.00	76.77 5.03 -3.31	82.88 4.55 -15.44	51.27 3.53 0.00	51.49 3.31 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	35.31 3.85 -0.48	43.94 4.60 -1.94	41.63 4.10 -3.37	41.04 3.85 0.00	32.41 3.15 0.00	29.68 3.18 0.00	37.80 4.04 0.00	42.70 4.62 0.00	46.90 4.97 0.00	49.81 5.31 0.00	44.74 4.73 0.00	56.04 5.53 0.00	86.12 7.15 -26.35	130.01 8.86 -57.84	119.16 9.61 -41.74	144.48 10.20 -67.95	196.35 12.16 -106.20	267.06 20.30 -101.18	138.62 12.83 -27.22	116.03 8.55 -40.12	105.35 7.99 -28.93	79.14 6.73 -9.51	57.70 5.73 -4.24	63.52 5.73 -9.61
DELAWARE___LFGE 323621	32.12 1.13 0.00	38.91 1.49 -0.02	35.44 1.28 0.00	38.40 1.21 0.00	30.23 0.96 0.00	27.52 1.01 0.00	35.03 1.27 0.00	39.57 1.47 -0.03	43.57 1.64 0.00	46.36 1.86 0.00	41.74 1.73 0.00	52.57 2.07 0.00	54.93 2.31 0.00	66.18 2.87 0.00	71.01 3.20 0.00	69.55 3.22 0.00	81.75 3.76 0.00	152.24 6.66 0.00	105.53 4.25 -2.71	70.27 2.90 0.00	74.14 3.00 -2.71	78.24 2.70 -12.65	49.80 2.06 0.00	50.15 1.97 0.00
DERFIELD_115KV_TB7 355931	31.29 0.31 0.00	37.83 0.44 0.00	34.53 0.37 0.00	37.52 0.33 0.00	29.53 0.27 0.00	26.80 0.29 0.00	34.10 0.34 0.00	38.44 0.36 0.00	42.31 0.38 0.00	44.90 0.40 0.00	40.37 0.36 0.00	50.87 0.37 0.00	53.09 0.46 0.00	63.93 0.63 0.00	68.55 0.74 0.00	67.24 0.78 -0.12	80.20 0.91 -1.30	147.92 1.70 -0.65	99.65 1.09 0.00	68.06 0.70 0.00	69.14 0.71 0.00	63.54 0.64 0.00	48.22 0.49 0.00	48.63 0.45 0.00
DOGLEVILLE___HYD 23807	32.95 1.96 0.00	40.00 2.60 0.00	36.39 2.24 0.00	39.30 2.11 0.00	30.90 1.64 0.00	28.27 1.76 0.00	35.62 1.86 0.00	39.33 1.25 0.00	43.22 1.29 0.00	45.53 1.03 0.00	40.76 0.75 0.00	50.77 0.27 0.00	53.36 0.74 0.00	64.58 1.27 0.00	69.82 2.02 0.00	69.00 2.55 -0.12	82.06 2.77 -1.30	153.05 6.82 -0.65	103.13 4.56 0.00	70.84 3.48 0.00	72.14 3.71 0.00	66.22 3.32 0.00	50.10 2.37 0.00	50.27 2.09 0.00
DUNKIRK___115KV_TB_200 55889	31.84 0.85 0.00	38.10 0.70 0.00	34.70 0.54 0.00	37.29 0.10 0.00	29.21 -0.05 0.00	26.63 0.12 0.00	34.04 0.27 0.00	38.70 0.62 0.00	43.16 1.23 0.00	46.42 1.92 0.00	42.06 2.05 0.00	53.57 3.07 0.00	55.70 3.08 0.00	66.75 3.44 0.00	70.98 3.18 0.00	69.91 3.58 0.00	80.98 2.99 0.00	149.29 3.72 0.00	100.79 2.22 0.00	69.28 1.91 0.00	70.62 2.19 0.00	64.75 1.85 0.00	49.11 1.37 0.00	49.83 1.65 0.00
DUNKIRK___1 23563	31.84 0.85 0.00	38.10 0.70 0.00	34.70 0.54 0.00	37.29 0.10 0.00	29.21 -0.05 0.00	26.63 0.12 0.00	34.04 0.27 0.00	38.70 0.62 0.00	43.16 1.23 0.00	46.42 1.92 0.00	42.06 2.05 0.00	53.57 3.07 0.00	55.70 3.08 0.00	66.75 3.44 0.00	70.98 3.18 0.00	69.91 3.58 0.00	80.98 2.99 0.00	149.29 3.72 0.00	100.79 2.22 0.00	69.28 1.91 0.00	70.62 2.19 0.00	64.75 1.85 0.00	49.11 1.37 0.00	49.83 1.65 0.00
DUNKIRK___2 23564	31.84 0.85 0.00	38.10 0.70 0.00	34.70 0.54 0.00	37.29 0.10 0.00	29.21 -0.05 0.00	26.63 0.12 0.00	34.04 0.27 0.00	38.70 0.62 0.00	43.16 1.23 0.00	46.42 1.92 0.00	42.06 2.05 0.00	53.57 3.07 0.00	55.70 3.08 0.00	66.75 3.44 0.00	70.98 3.18 0.00	69.91 3.58 0.00	80.98 2.99 0.00	149.29 3.72 0.00	100.79 2.22 0.00	69.28 1.91 0.00	70.62 2.19 0.00	64.75 1.85 0.00	49.11 1.37 0.00	49.83 1.65 0.00
DUNKIRK___3 23565	31.62 0.63 0.00	37.83 0.43 0.00	34.51 0.35 0.00	37.12 -0.07 0.00	29.11 -0.16 0.00	26.50 -0.01 0.00	33.86 0.10 0.00	38.43 0.35 0.00	42.82 0.89 0.00	46.03 1.53 0.00	41.70 1.69 0.00	53.12 2.61 0.00	55.16 2.54 0.00	66.14 2.84 0.00	70.40 2.60 0.00	69.34 3.02 0.00	80.28 2.28 0.00	148.04 2.46 0.00	99.90 1.33 0.00	68.66 1.30 0.00	69.88 1.45 0.00	64.05 1.16 0.00	48.63 0.89 0.00	49.37 1.19 0.00
DUNKIRK___4 23566	31.62 0.63 0.00	37.83 0.43 0.00	34.51 0.35 0.00	37.12 -0.07 0.00	29.11 -0.16 0.00	26.50 -0.01 0.00	33.86 0.10 0.00	38.43 0.35 0.00	42.82 0.89 0.00	46.03 1.53 0.00	41.70 1.69 0.00	53.12 2.61 0.00	55.16 2.54 0.00	66.14 2.84 0.00	70.40 2.60 0.00	69.34 3.02 0.00	80.28 2.28 0.00	148.04 2.46 0.00	99.90 1.33 0.00	68.66 1.30 0.00	69.88 1.45 0.00	64.05 1.16 0.00	48.63 0.89 0.00	49.37 1.19 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.24 2.25 0.00	40.00 2.60 0.00	36.44 2.28 0.00	39.24 2.05 0.00	31.00 1.74 0.00	28.36 1.85 0.00	36.06 2.30 0.00	40.82 2.74 0.00	45.05 3.12 0.00	47.93 3.43 0.00	43.04 3.03 0.00	53.92 3.41 0.00	56.83 4.21 0.00	68.60 5.29 0.00	73.84 6.04 0.00	72.80 6.47 0.00	85.85 7.85 0.00	159.05 13.48 0.00	108.75 8.32 -1.86	72.78 5.42 0.00	75.34 5.05 -1.86	76.12 4.55 -8.68	51.36 3.62 0.00	51.73 3.55 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.99 2.01 0.00	39.76 2.36 0.00	36.19 2.04 0.00	39.05 1.86 0.00	30.82 1.56 0.00	28.14 1.63 0.00	35.78 2.02 0.00	40.49 2.41 0.00	44.65 2.72 0.00	47.51 3.01 0.00	42.73 2.72 0.00	53.66 3.15 0.00	56.46 3.84 0.00	68.09 4.79 0.00	73.25 5.45 0.00	72.14 5.81 0.00	85.13 7.14 0.00	158.18 12.60 0.00	108.35 7.91 -1.87	72.47 5.11 0.00	75.12 4.82 -1.87	75.98 4.36 -8.73	51.07 3.33 0.00	51.37 3.19 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	33.37 2.39 0.00	40.11 2.71 0.00	36.59 2.43 0.00	39.36 2.17 0.00	31.19 1.92 0.00	28.51 2.00 0.00	36.25 2.49 0.00	41.03 2.95 0.00	45.23 3.30 0.00	48.08 3.58 0.00	43.14 3.13 0.00	54.01 3.50 0.00	57.01 4.39 0.00	68.78 5.47 0.00	74.05 6.24 0.00	72.99 6.66 0.00	85.95 7.95 0.00	159.12 13.54 0.00	108.82 8.39 -1.86	72.80 5.44 0.00	75.37 5.07 -1.86	76.18 4.60 -8.68	51.47 3.73 0.00	51.82 3.64 0.00
E179THST_13_KV_LOAD 356214	33.60 2.61 0.00	40.37 2.98 0.00	36.82 2.66 0.00	39.61 2.42 0.00	31.38 2.12 0.00	28.69 2.18 0.00	36.48 2.72 0.00	41.30 3.22 0.00	45.55 3.62 0.00	48.43 3.93 0.00	43.46 3.45 0.00	54.42 3.92 0.00	57.45 4.83 0.00	69.32 6.01 0.00	74.65 6.84 0.00	73.59 7.26 0.00	86.63 8.64 0.00	160.39 14.81 0.00	109.67 9.24 -1.86	73.38 6.02 0.00	75.94 5.64 -1.86	76.73 5.16 -8.68	51.86 4.12 0.00	52.23 4.05 0.00
EAST HAMPTON___GT 23717	35.89 4.43 -0.48	44.67 5.33 -1.94	42.31 4.78 -3.37	41.77 4.58 0.00	32.99 3.73 0.00	30.22 3.71 0.00	38.54 4.78 0.00	43.59 5.51 0.00	47.91 5.98 0.00	50.80 6.30 0.00	45.44 5.43 0.00	56.98 6.48 0.00	87.14 8.16 -26.35	131.25 10.08 -57.86	120.30 10.74 -41.75	145.52 11.22 -67.96	197.18 12.97 -106.22	267.46 20.65 -101.23	138.79 12.98 -27.24	116.21 8.72 -40.12	105.44 8.07 -28.93	79.15 6.75 -9.51	58.12 6.15 -4.24	64.08 6.28 -9.61
EAST RIVER___6 23660	33.33 2.35 0.00	40.05 2.66 0.00	36.49 2.33 0.00	39.26 2.07 0.00	31.06 1.79 0.00	28.45 1.94 0.00	36.17 2.41 0.00	41.01 2.93 0.00	45.28 3.35 0.00	48.22 3.72 0.00	43.30 3.29 0.00	54.18 3.67 0.00	57.16 4.54 0.00	68.99 5.68 0.00	74.25 6.44 0.00	73.18 6.85 0.00	86.21 8.22 0.00	159.45 13.88 0.00	108.89 8.46 -1.86	73.00 5.64 0.00	75.48 5.18 -1.86	76.18 4.60 -8.68	51.44 3.70 0.00	51.76 3.58 0.00
EAST RIVER___7 23524	33.33 2.35 0.00	40.05 2.66 0.00	36.49 2.33 0.00	39.26 2.07 0.00	31.06 1.79 0.00	28.45 1.94 0.00	36.17 2.41 0.00	41.01 2.93 0.00	45.28 3.35 0.00	48.22 3.72 0.00	43.30 3.29 0.00	54.18 3.67 0.00	57.16 4.54 0.00	68.99 5.68 0.00	74.25 6.44 0.00	73.18 6.85 0.00	86.21 8.22 0.00	159.45 13.88 0.00	108.89 8.46 -1.86	73.00 5.64 0.00	75.48 5.18 -1.86	76.18 4.60 -8.68	51.44 3.70 0.00	51.76 3.58 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.15 2.16 0.00	39.93 2.53 0.00	36.35 2.19 0.00	39.16 1.97 0.00	30.93 1.67 0.00	28.29 1.78 0.00	35.97 2.21 0.00	40.73 2.65 0.00	44.93 3.00 0.00	47.80 3.30 0.00	42.92 2.91 0.00	53.80 3.30 0.00	56.69 4.07 0.00	68.44 5.13 0.00	73.64 5.83 0.00	72.59 6.27 0.00	85.61 7.62 0.00	158.72 13.14 0.00	108.54 8.11 -1.86	72.61 5.24 0.00	75.18 4.89 -1.86	75.96 4.41 -8.66	51.22 3.48 0.00	51.59 3.41 0.00
EAST_HAMPTON___DIESEL 23722	35.89 4.43 -0.48	44.69 5.35 -1.94	42.33 4.80 -3.37	41.78 4.59 0.00	33.00 3.74 0.00	30.24 3.73 0.00	38.57 4.81 0.00	43.61 5.52 0.00	47.93 6.00 0.00	50.83 6.33 0.00	45.48 5.47 0.00	57.03 6.53 0.00	87.19 8.21 -26.35	131.30 10.14 -57.86	120.36 10.80 -41.75	145.55 11.25 -67.96	197.16 12.94 -106.22	267.35 20.54 -101.23	138.69 12.88 -27.24	116.15 8.66 -40.12	105.37 8.00 -28.93	79.06 6.66 -9.51	58.06 6.08 -4.24	64.04 6.24 -9.61
EAST_POINT___SOLAR 323840	33.01 2.02 0.00	39.74 2.34 0.00	36.21 2.05 0.00	39.32 2.13 0.00	30.91 1.64 0.00	28.12 1.61 0.00	35.91 2.15 0.00	40.79 2.71 0.00	44.38 2.45 0.00	46.88 2.38 0.00	42.12 2.11 0.00	52.49 1.99 0.00	54.91 2.29 0.00	66.25 2.94 0.00	71.69 3.89 0.00	70.49 4.17 0.00	82.35 4.35 0.00	156.48 10.90 0.00	125.89 7.78 -19.55	73.90 6.53 0.00	95.05 7.07 -19.55	160.36 6.34 -91.12	52.40 4.66 0.00	52.68 4.50 0.00
EAST_PULASKI___ESR 323781	31.01 -0.01 -0.03	37.55 -0.04 -0.19	34.10 -0.07 -0.01	37.12 -0.07 0.00	29.16 -0.11 0.00	26.45 -0.06 0.00	33.72 -0.04 0.00	38.22 -0.11 -0.26	41.75 -0.19 0.00	44.45 -0.05 0.00	39.99 -0.02 0.00	50.61 0.11 0.00	52.56 -0.06 0.00	63.08 -0.22 0.00	67.54 -0.27 0.00	65.30 -0.69 0.33	75.91 -0.49 1.60	144.19 -0.59 0.80	98.52 -0.05 0.00	67.11 -0.25 0.00	68.26 -0.16 0.00	62.77 -0.12 0.00	47.31 -0.43 0.00	47.62 -0.56 0.00
EAST_RIVER___1 323558	33.39 2.40 0.00	40.14 2.75 0.00	36.56 2.40 0.00	39.34 2.15 0.00	31.11 1.85 0.00	28.48 1.97 0.00	36.22 2.46 0.00	41.04 2.96 0.00	45.31 3.38 0.00	48.25 3.75 0.00	43.28 3.27 0.00	54.18 3.68 0.00	57.13 4.51 0.00	68.97 5.66 0.00	74.26 6.45 0.00	73.23 6.90 0.00	86.29 8.29 0.00	159.62 14.04 0.00	109.03 8.60 -1.86	72.99 5.62 0.00	75.51 5.22 -1.86	76.27 4.70 -8.68	51.50 3.76 0.00	51.85 3.66 0.00
EAST_RIVER___2 323559	33.33 2.35 0.00	40.05 2.66 0.00	36.49 2.33 0.00	39.26 2.07 0.00	31.06 1.79 0.00	28.45 1.94 0.00	36.17 2.41 0.00	41.01 2.93 0.00	45.28 3.35 0.00	48.22 3.72 0.00	43.30 3.29 0.00	54.18 3.67 0.00	57.16 4.54 0.00	68.99 5.68 0.00	74.25 6.44 0.00	73.18 6.85 0.00	86.21 8.22 0.00	159.45 13.88 0.00	108.89 8.46 -1.86	73.00 5.64 0.00	75.48 5.18 -1.86	76.18 4.60 -8.68	51.44 3.70 0.00	51.76 3.58 0.00
EAST___DELAWARE_HYD 23607	32.18 1.19 0.00	38.75 1.35 0.00	35.26 1.10 0.00	38.04 0.85 0.00	30.02 0.75 0.00	27.40 0.88 0.00	34.86 1.10 0.00	39.44 1.37 0.00	43.49 1.57 0.00	46.34 1.84 0.00	41.68 1.67 0.00	52.44 1.94 0.00	54.96 2.34 0.00	64.90 1.60 0.00	70.06 2.26 0.00	68.61 2.62 0.33	81.66 3.67 0.00	151.76 6.18 0.00	104.18 3.58 -2.04	69.49 2.13 0.00	72.48 2.02 -2.04	75.57 3.19 -9.49	50.08 2.34 0.00	50.26 2.07 0.00
EIGHT_POINT___WT_PWR 323820	31.90 0.91 0.00	38.33 0.91 -0.02	34.96 0.80 0.00	37.70 0.51 0.00	29.53 0.26 0.00	26.79 0.28 0.00	34.25 0.49 0.00	38.84 0.73 -0.03	43.08 1.15 0.00	46.28 1.78 0.00	41.88 1.86 0.00	52.98 2.47 0.00	55.00 2.38 0.00	65.90 2.59 0.00	70.39 2.58 0.00	69.24 2.91 0.00	80.29 2.29 0.00	148.69 3.11 0.00	100.75 2.18 0.00	69.65 2.29 0.00	70.78 2.35 0.00	64.99 2.09 0.00	49.30 1.56 0.00	49.90 1.72 0.00
ELBRIDGE_115KV_TB2 80188	31.04 0.03 -0.02	37.51 0.00 -0.11	34.15 -0.02 -0.01	37.09 -0.10 0.00	29.16 -0.10 0.00	26.46 -0.05 0.00	33.74 -0.02 0.00	38.30 0.07 -0.15	42.01 0.08 0.00	44.75 0.25 0.00	40.25 0.24 0.00	50.92 0.41 0.00	53.10 0.48 0.00	63.92 0.62 0.00	68.39 0.58 0.00	66.98 0.66 0.00	78.67 0.67 0.00	146.33 0.75 0.00	99.02 0.45 0.00	67.72 0.36 0.00	68.84 0.41 0.00	63.20 0.30 0.00	47.84 0.10 0.00	48.20 0.02 0.00
ELEC_TRO_TEK 24086	34.07 2.61 -0.48	42.41 3.07 -1.94	40.26 2.73 -3.37	39.64 2.45 0.00	31.32 2.06 0.00	28.65 2.14 0.00	36.40 2.64 0.00	41.13 3.05 0.00	45.20 3.27 0.00	48.03 3.52 0.00	43.20 3.19 0.00	54.00 3.49 0.00	57.20 4.58 0.00	68.99 5.69 0.00	74.25 6.44 0.00	73.34 7.01 0.00	100.62 8.66 -13.96	164.37 14.88 -3.91	109.66 9.23 -1.86	73.32 5.95 0.00	75.83 5.54 -1.86	77.31 4.91 -9.51	61.18 4.10 -9.35	66.06 4.11 -13.76

ELLENBURG_WT_PWR 323604	30.44 -0.55 0.00	36.50 -0.91 0.00	33.48 -0.68 0.00	36.56 -0.63 0.00	28.83 -0.43 0.00	26.06 -0.45 0.00	33.32 -0.45 0.00	37.62 -0.46 0.00	41.36 -0.58 0.00	43.76 -0.74 0.00	39.27 -0.75 0.00	49.35 -1.16 0.00	50.63 -1.99 0.00	60.62 -2.69 0.00	64.58 -3.22 0.00	61.43 -4.74 0.16	45.85 -5.63 26.51	123.83 -8.49 13.26	92.90 -5.66 0.00	63.70 -3.66 0.00	64.96 -3.47 0.00	59.89 -3.00 0.00	46.02 -1.71 0.00	47.12 -1.06 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.25 0.27 0.00	37.38 -0.02 0.00	34.19 0.03 0.00	36.85 -0.34 0.00	28.95 -0.32 0.00	26.26 -0.25 0.00	33.54 -0.22 0.00	37.86 -0.22 0.00	42.13 0.20 0.00	45.25 0.75 0.00	41.08 1.07 0.00	52.48 1.98 0.00	54.30 1.68 0.00	65.05 1.75 0.00	69.18 1.37 0.00	68.16 1.84 0.00	78.63 0.63 0.00	145.05 -0.53 0.00	98.01 -0.56 0.00	67.47 0.11 0.00	68.45 0.02 0.00	62.61 -0.28 0.00	47.68 -0.06 0.00	48.53 0.35 0.00
EMPIRE_CC_1 323656	31.84 0.86 0.00	38.64 1.24 0.00	35.26 1.10 0.00	38.14 0.95 0.00	30.10 0.84 0.00	27.42 0.91 0.00	34.78 1.01 0.00	39.19 1.11 0.00	43.09 1.16 0.00	45.47 0.97 0.00	40.81 0.80 0.00	51.30 0.79 0.00	53.61 0.99 0.00	64.69 1.39 0.00	69.46 1.65 0.00	68.17 1.85 0.00	80.42 2.43 0.00	150.49 4.91 0.00	107.07 3.01 -5.50	69.27 1.90 0.00	75.85 1.92 -5.50	90.33 1.81 -25.63	49.17 1.43 0.00	49.55 1.37 0.00
EMPIRE_CC_2 323658	31.84 0.86 0.00	38.64 1.24 0.00	35.26 1.10 0.00	38.14 0.95 0.00	30.10 0.84 0.00	27.42 0.91 0.00	34.78 1.01 0.00	39.19 1.11 0.00	43.09 1.16 0.00	45.47 0.97 0.00	40.81 0.80 0.00	51.30 0.79 0.00	53.61 0.99 0.00	64.69 1.39 0.00	69.46 1.65 0.00	68.17 1.85 0.00	80.42 2.43 0.00	150.49 4.91 0.00	107.07 3.01 -5.50	69.27 1.90 0.00	75.85 1.92 -5.50	90.33 1.81 -25.63	49.17 1.43 0.00	49.55 1.37 0.00
ENORWICH_115KV_TB1 80156	33.70 2.70 -0.01	40.50 3.06 -0.04	36.68 2.52 0.00	39.74 2.54 0.00	31.12 1.86 0.00	28.47 1.96 0.00	36.23 2.47 0.00	41.28 3.14 -0.06	45.51 3.58 0.00	48.41 3.91 0.00	43.83 3.82 0.00	55.50 5.00 0.00	57.62 5.00 0.00	69.41 6.10 0.00	74.62 6.82 0.00	73.12 6.79 0.00	85.97 7.98 0.00	161.71 16.13 0.00	110.98 11.18 -1.23	75.11 7.75 0.00	78.15 8.50 -1.23	76.36 7.73 -5.73	53.14 5.41 0.00	53.25 5.07 0.00
ERIE_ST__34_KV_TB1-2 80199	31.59 0.61 0.00	37.75 0.35 0.00	34.47 0.31 0.00	37.15 -0.04 0.00	29.15 -0.11 0.00	26.48 -0.03 0.00	33.85 0.09 0.00	38.31 0.23 0.00	42.67 0.74 0.00	45.89 1.39 0.00	41.65 1.64 0.00	53.20 2.70 0.00	55.13 2.51 0.00	66.20 2.90 0.00	70.55 2.75 0.00	69.51 3.18 0.00	80.26 2.27 0.00	148.18 2.60 0.00	99.98 1.41 0.00	68.71 1.35 0.00	69.73 1.31 0.00	63.73 0.84 0.00	48.41 0.67 0.00	49.17 0.99 0.00
ERIE_WT_PWR 323693	31.47 0.48 0.00	37.64 0.24 0.00	34.39 0.23 0.00	37.08 -0.11 0.00	29.11 -0.15 0.00	26.41 -0.10 0.00	33.75 -0.01 0.00	38.14 0.05 0.00	42.43 0.50 0.00	45.61 1.11 0.00	41.40 1.39 0.00	52.87 2.36 0.00	54.71 2.09 0.00	65.57 2.26 0.00	69.80 1.99 0.00	68.78 2.45 0.00	79.40 1.41 0.00	146.45 0.87 0.00	98.95 0.39 0.00	68.10 0.74 0.00	69.15 0.72 0.00	63.24 0.34 0.00	48.10 0.37 0.00	48.94 0.76 0.00
ESPRGFLD_115KV_TB1 80157	32.36 1.38 0.00	38.96 1.56 0.00	35.51 1.35 0.00	38.57 1.38 0.00	30.33 1.06 0.00	27.52 1.01 0.00	35.28 1.52 0.00	40.30 2.21 0.00	44.30 2.37 0.00	47.31 2.81 0.00	42.70 2.69 0.00	53.96 3.45 0.00	56.21 3.59 0.00	67.58 4.27 0.00	72.30 4.50 0.00	70.69 4.37 0.00	82.75 4.75 0.00	154.81 9.23 0.00	119.04 6.41 -14.06	72.15 4.79 0.00	87.43 4.95 -14.06	132.86 4.43 -65.53	51.10 3.37 0.00	51.45 3.27 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.99 1.00 -0.01	38.59 1.14 -0.06	35.13 0.97 0.00	38.08 0.89 0.00	29.92 0.66 0.00	27.22 0.71 0.00	34.71 0.95 0.00	39.40 1.24 -0.08	43.30 1.37 0.00	46.07 1.57 0.00	41.50 1.49 0.00	52.41 1.90 0.00	54.56 1.94 0.00	65.77 2.46 0.00	70.65 2.85 0.00	69.17 2.84 0.00	81.42 3.42 0.00	151.52 5.94 0.00	103.36 4.22 -0.57	70.43 3.07 0.00	72.20 3.20 -0.57	68.43 2.86 -2.67	49.69 1.95 0.00	49.99 1.80 0.00
ETNA____115KV_TB2 80207	31.99 1.00 -0.01	38.59 1.14 -0.06	35.13 0.97 0.00	38.08 0.89 0.00	29.92 0.66 0.00	27.22 0.71 0.00	34.71 0.95 0.00	39.40 1.24 -0.08	43.30 1.37 0.00	46.07 1.57 0.00	41.50 1.49 0.00	52.41 1.90 0.00	54.56 1.94 0.00	65.77 2.46 0.00	70.65 2.85 0.00	69.17 2.84 0.00	81.42 3.42 0.00	151.52 5.94 0.00	103.36 4.22 -0.57	70.43 3.07 0.00	72.20 3.20 -0.57	68.43 2.86 -2.67	49.69 1.95 0.00	49.99 1.80 0.00
EUCLID__115KV_TB2 356179	30.83 -0.16 -0.01	37.20 -0.25 -0.05	33.90 -0.26 0.00	36.87 -0.32 0.00	28.97 -0.30 0.00	26.29 -0.22 0.00	33.49 -0.27 0.00	37.90 -0.25 -0.06	41.75 -0.18 0.00	44.43 -0.07 0.00	40.03 0.01 0.00	50.63 0.13 0.00	52.78 0.15 0.00	63.55 0.25 0.00	68.00 0.19 0.00	66.63 0.30 0.00	78.24 0.25 0.00	145.69 0.11 0.00	98.58 0.01 0.00	67.33 -0.03 0.00	68.38 -0.05 0.00	62.76 -0.13 0.00	47.53 -0.20 0.00	47.89 -0.30 0.00
E_CANADA_CAP_HY 24051	32.41 1.43 0.00	38.99 1.59 0.00	35.56 1.40 0.00	38.69 1.50 0.00	30.42 1.16 0.00	27.58 1.07 0.00	35.36 1.59 0.00	40.55 2.47 0.00	44.41 2.48 0.00	47.19 2.69 0.00	42.55 2.54 0.00	53.59 3.09 0.00	55.81 3.19 0.00	67.12 3.82 0.00	71.91 4.10 0.00	70.37 4.04 0.00	82.03 4.03 0.00	154.45 8.88 0.00	123.44 6.65 -18.22	72.59 5.22 0.00	92.15 5.49 -18.22	152.73 4.90 -84.93	51.51 3.78 0.00	51.93 3.75 0.00
E_CANADA_MHWK_HY 24050	32.95 1.96 0.00	40.00 2.60 0.00	36.39 2.24 0.00	39.30 2.11 0.00	30.90 1.64 0.00	28.27 1.76 0.00	35.62 1.86 0.00	39.33 1.25 0.00	43.22 1.29 0.00	45.53 1.03 0.00	40.76 0.75 0.00	50.77 0.27 0.00	53.36 0.74 0.00	64.58 1.27 0.00	69.82 2.02 0.00	69.00 2.55 -0.12	82.06 2.77 -1.30	153.05 6.82 -0.65	103.13 4.56 0.00	70.84 3.48 0.00	72.14 3.71 0.00	66.22 3.32 0.00	50.10 2.37 0.00	50.27 2.09 0.00
E_FISHKILL__LBMP 23776	32.81 1.82 0.00	39.57 2.17 0.00	36.05 1.89 0.00	38.89 1.70 0.00	30.71 1.44 0.00	28.05 1.54 0.00	35.66 1.90 0.00	40.33 2.25 0.00	44.47 2.54 0.00	47.23 2.73 0.00	42.41 2.40 0.00	53.21 2.71 0.00	55.99 3.37 0.00	67.58 4.27 0.00	72.70 4.89 0.00	71.58 5.25 0.00	84.41 6.41 0.00	156.85 11.27 0.00	107.44 6.97 -1.91	71.87 4.50 0.00	74.54 4.21 -1.91	75.57 3.79 -8.88	50.72 2.99 0.00	51.09 2.91 0.00
FALCON____SEABRD_CC1 323796	30.85 -0.13 0.00	37.00 -0.40 0.00	33.91 -0.25 0.00	36.96 -0.23 0.00	29.15 -0.11 0.00	26.43 -0.08 0.00	33.78 0.02 0.00	38.16 0.08 0.00	41.88 -0.05 0.00	44.14 -0.36 0.00	39.58 -0.43 0.00	49.35 -1.15 0.00	50.24 -2.38 0.00	60.09 -3.21 0.00	64.05 -3.75 0.00	60.84 -5.32 0.17	45.12 -6.42 26.45	122.62 -9.73 13.23	91.92 -6.65 0.00	63.00 -4.37 0.00	64.27 -4.16 0.00	59.57 -3.32 0.00	46.27 -1.47 0.00	47.63 -0.55 0.00

FALCON___SEABRD_CC2 323797	30.85 -0.13 0.00	37.00 -0.40 0.00	33.91 -0.25 0.00	36.96 -0.23 0.00	29.15 -0.11 0.00	26.43 -0.08 0.00	33.78 0.02 0.00	38.16 0.08 0.00	41.88 -0.05 0.00	44.14 -0.36 0.00	39.58 -0.43 0.00	49.35 -1.15 0.00	50.24 -2.38 0.00	60.09 -3.21 0.00	64.05 -3.75 0.00	60.84 -5.32 0.17	45.12 -6.42 26.45	122.62 -9.73 13.23	91.92 -6.65 0.00	63.00 -4.37 0.00	64.27 -4.16 0.00	59.57 -3.32 0.00	46.27 -1.47 0.00	47.63 -0.55 0.00
FAR ROCKAWAY___4 23548	34.69 3.22 -0.48	43.09 3.75 -1.94	40.87 3.34 -3.37	40.31 3.12 0.00	31.83 2.57 0.00	29.11 2.60 0.00	36.99 3.23 0.00	41.80 3.72 0.00	45.96 4.03 0.00	48.83 4.33 0.00	43.96 3.95 0.00	54.58 4.07 0.00	57.83 5.21 0.00	69.77 6.47 0.00	75.05 7.24 0.00	73.91 7.58 0.00	97.79 9.41 -10.38	164.82 16.34 -2.91	110.59 10.16 -1.86	73.91 6.55 0.00	76.45 6.16 -1.86	77.96 5.56 -9.51	69.27 4.80 -16.73	72.88 4.95 -19.75
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.41 2.43 0.00	40.18 2.78 0.00	36.59 2.43 0.00	39.38 2.19 0.00	31.14 1.88 0.00	28.51 2.00 0.00	36.25 2.49 0.00	41.07 2.99 0.00	45.35 3.42 0.00	48.28 3.78 0.00	43.30 3.29 0.00	54.20 3.70 0.00	57.14 4.52 0.00	68.98 5.67 0.00	74.28 6.47 0.00	73.26 6.93 0.00	86.30 8.31 0.00	159.71 14.13 0.00	109.10 8.67 -1.86	73.02 5.66 0.00	75.55 5.26 -1.86	76.32 4.75 -8.68	51.53 3.79 0.00	51.89 3.70 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.46 2.47 0.00	40.22 2.82 0.00	36.63 2.47 0.00	39.42 2.23 0.00	31.17 1.90 0.00	28.53 2.02 0.00	36.28 2.52 0.00	41.10 3.02 0.00	45.38 3.45 0.00	48.32 3.81 0.00	43.32 3.31 0.00	54.24 3.73 0.00	57.19 4.57 0.00	69.03 5.73 0.00	74.32 6.52 0.00	73.30 6.98 0.00	86.38 8.39 0.00	159.85 14.27 0.00	109.19 8.76 -1.86	73.09 5.72 0.00	75.62 5.32 -1.86	76.39 4.82 -8.68	51.59 3.86 0.00	51.94 3.76 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.39 2.41 0.00	40.15 2.75 0.00	36.56 2.41 0.00	39.35 2.17 0.00	31.12 1.86 0.00	28.49 1.98 0.00	36.23 2.47 0.00	41.05 2.97 0.00	45.32 3.39 0.00	48.25 3.75 0.00	43.27 3.26 0.00	54.16 3.66 0.00	57.09 4.47 0.00	68.92 5.62 0.00	74.21 6.40 0.00	73.19 6.86 0.00	86.23 8.23 0.00	159.56 13.98 0.00	109.00 8.57 -1.86	72.95 5.59 0.00	75.47 5.18 -1.86	76.26 4.69 -8.68	51.48 3.74 0.00	51.84 3.66 0.00
FARRAGUT___LBMP 323566	33.36 2.38 0.00	40.11 2.71 0.00	36.54 2.38 0.00	39.33 2.14 0.00	31.10 1.84 0.00	28.47 1.96 0.00	36.20 2.44 0.00	41.00 2.92 0.00	45.26 3.33 0.00	48.19 3.69 0.00	43.21 3.20 0.00	54.08 3.58 0.00	57.02 4.40 0.00	68.84 5.53 0.00	74.11 6.31 0.00	73.10 6.77 0.00	86.14 8.14 0.00	159.38 13.80 0.00	108.89 8.46 -1.86	72.86 5.50 0.00	75.41 5.11 -1.86	76.19 4.62 -8.68	51.43 3.70 0.00	51.80 3.62 0.00
FENNER___WINDPWR 24204	32.01 1.02 -0.01	38.61 1.16 -0.04	35.16 1.00 0.00	38.17 0.99 0.00	30.00 0.74 0.00	27.25 0.74 0.00	34.73 0.97 0.00	39.32 1.18 -0.06	43.29 1.36 0.00	46.08 1.58 0.00	41.44 1.42 0.00	52.41 1.91 0.00	54.56 1.94 0.00	65.88 2.58 0.00	70.64 2.84 0.00	69.16 2.69 -0.14	81.16 3.17 0.00	151.53 5.95 0.00	102.76 4.19 0.00	70.27 2.91 0.00	71.42 2.99 0.00	65.60 2.70 0.00	49.60 1.86 0.00	49.86 1.68 0.00
FIBERTEK___ENERGY 23856	31.23 0.23 -0.02	37.74 0.23 -0.10	34.33 0.16 -0.01	37.32 0.12 0.00	29.32 0.06 0.00	26.61 0.10 0.00	33.91 0.15 0.00	38.45 0.23 -0.14	42.17 0.24 0.00	44.88 0.38 0.00	40.34 0.33 0.00	51.01 0.51 0.00	53.18 0.56 0.00	64.05 0.75 0.00	68.54 0.73 0.00	67.16 0.83 0.00	78.95 0.95 0.00	146.91 1.33 0.00	99.42 0.86 0.00	67.92 0.56 0.00	69.00 0.57 0.00	63.33 0.43 0.00	47.93 0.19 0.00	48.28 0.09 0.00
FITZPATRICK____ 23598	30.16 -0.73 0.09	35.84 -0.93 0.63	33.24 -0.87 0.05	36.27 -0.92 0.00	28.49 -0.77 0.00	25.83 -0.68 0.00	32.90 -0.87 0.00	36.29 -0.94 0.85	40.94 -0.99 0.00	43.52 -0.98 0.00	39.19 -0.82 0.00	49.53 -0.98 0.00	51.60 -1.02 0.00	62.06 -1.24 0.00	66.41 -1.40 0.00	65.03 -1.30 0.00	76.36 -1.64 0.00	142.27 -3.30 0.00	96.31 -2.26 0.00	65.83 -1.53 0.00	66.88 -1.56 0.00	61.42 -1.47 0.00	46.56 -1.17 0.00	46.95 -1.24 0.00
FLOWRFLD_69_KV_BK1 356044	34.39 2.93 -0.48	42.86 3.52 -1.94	40.70 3.17 -3.37	40.03 2.85 0.00	31.62 2.36 0.00	28.95 2.44 0.00	36.79 3.03 0.00	41.48 3.39 0.00	45.42 3.49 0.00	48.24 3.74 0.00	43.45 3.44 0.00	54.18 3.68 0.00	93.00 5.14 -35.24	147.06 6.38 -77.37	130.81 7.17 -55.83	164.97 7.75 -90.89	228.73 9.52 -141.22	323.86 16.35 -161.94	151.41 10.24 -42.61	127.75 6.73 -53.66	113.95 6.33 -39.19	77.85 5.44 -9.51	56.44 4.43 -4.27	62.33 4.52 -9.64
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.39 2.40 0.00	40.24 2.84 0.00	36.63 2.47 0.00	39.52 2.32 0.00	31.18 1.91 0.00	28.46 1.95 0.00	36.22 2.46 0.00	41.01 2.93 0.00	45.50 3.57 0.00	48.36 3.86 0.00	43.33 3.32 0.00	54.44 3.94 0.00	57.25 4.63 0.00	69.03 5.72 0.00	74.25 6.45 0.00	73.14 6.81 0.00	86.30 8.31 0.00	160.44 14.87 0.00	109.99 9.47 -1.95	73.50 6.14 0.00	76.21 5.83 -1.95	77.23 5.26 -9.08	51.72 3.98 0.00	51.98 3.79 0.00
FORT ORANGE____ 23900	31.82 0.83 0.00	38.57 1.18 0.00	35.16 1.00 0.00	38.06 0.87 0.00	30.01 0.74 0.00	27.33 0.82 0.00	34.71 0.94 0.00	39.20 1.12 0.00	43.14 1.21 0.00	45.39 0.89 0.00	40.64 0.63 0.00	50.93 0.43 0.00	53.27 0.65 0.00	64.34 1.03 0.00	69.07 1.26 0.00	67.23 1.50 0.60	80.10 2.10 0.00	149.84 4.27 0.00	112.17 2.85 -10.76	69.36 1.99 0.00	81.19 2.01 -10.76	114.76 1.72 -50.14	49.11 1.38 0.00	49.51 1.33 0.00
FORT_DRUM_COGEN 23780	31.80 0.80 -0.01	38.32 0.83 -0.09	34.94 0.77 -0.01	38.10 0.91 0.00	29.93 0.66 0.00	27.12 0.60 0.00	34.67 0.91 0.00	39.15 0.94 -0.13	42.70 0.77 0.00	45.66 1.15 0.00	40.94 0.93 0.00	52.00 1.50 0.00	53.38 0.76 0.00	63.52 0.21 0.00	67.99 0.18 0.00	64.02 -0.17 1.14	72.51 -0.25 5.22	144.48 1.52 2.61	100.98 2.42 0.00	68.26 0.90 0.00	69.54 1.11 0.00	64.61 1.72 0.00	48.72 0.99 0.00	48.95 0.76 0.00
FOX_HILLS___ESR 323835	33.46 2.47 0.00	40.11 2.71 0.00	36.64 2.48 0.00	39.31 2.12 0.00	31.20 1.94 0.00	28.55 2.04 0.00	36.26 2.50 0.00	40.90 2.81 0.00	45.18 3.25 0.00	48.05 3.55 0.00	43.17 3.16 0.00	53.93 3.43 0.00	56.97 4.34 0.00	68.79 5.48 0.00	74.04 6.23 0.00	73.05 6.72 0.00	86.01 8.02 0.00	159.09 13.52 0.00	108.82 8.39 -1.86	73.00 5.64 0.00	75.53 5.24 -1.86	76.30 4.73 -8.68	51.49 3.75 0.00	51.78 3.60 0.00
FPL FAR_ROCK_GT1 24212	34.69 3.22 -0.48	43.09 3.75 -1.94	40.87 3.34 -3.37	40.31 3.12 0.00	31.83 2.57 0.00	29.11 2.60 0.00	36.99 3.23 0.00	41.80 3.72 0.00	45.96 4.03 0.00	48.83 4.33 0.00	43.96 3.95 0.00	54.58 4.07 0.00	57.83 5.21 0.00	69.78 6.47 0.00	75.04 7.24 0.00	73.91 7.58 0.00	97.78 9.41 -10.38	164.82 16.33 -2.91	110.58 10.16 -1.86	73.91 6.55 0.00	76.46 6.16 -1.86	77.96 5.56 -9.51	69.27 4.80 -16.74	72.89 4.95 -19.76



FPL_FAR_ROCK_GT2 23815	34.69 3.22 -0.48	43.09 3.75 -1.94	40.87 3.34 -3.37	40.31 3.12 0.00	31.83 2.57 0.00	29.11 2.60 0.00	36.99 3.23 0.00	41.80 3.72 0.00	45.96 4.03 0.00	48.83 4.33 0.00	43.96 3.95 0.00	54.58 4.07 0.00	57.83 5.21 0.00	69.78 6.47 0.00	75.04 7.24 0.00	73.91 7.58 0.00	97.78 9.41 -10.38	164.82 16.33 -2.91	110.58 10.16 -1.86	73.91 6.55 0.00	76.46 6.16 -1.86	77.96 5.56 -9.51	69.27 4.80 -16.74	72.89 4.95 -19.76
FRANKLIN_FALL_HYD 24054	30.43 -0.55 0.00	36.46 -0.94 0.00	33.50 -0.65 0.00	36.61 -0.59 0.00	28.80 -0.46 0.00	25.99 -0.52 0.00	33.28 -0.48 0.00	37.57 -0.51 0.00	41.32 -0.61 0.00	43.75 -0.75 0.00	39.31 -0.70 0.00	49.62 -0.89 0.00	51.09 -1.53 0.00	61.07 -2.24 0.00	64.87 -2.94 0.00	61.90 -4.13 0.30	48.60 -4.64 24.75	126.52 -6.68 12.38	94.27 -4.29 0.00	64.65 -2.71 0.00	65.96 -2.47 0.00	60.92 -1.98 0.00	46.49 -1.25 0.00	47.33 -0.85 0.00
FREEPORT_EQUS_GT1 23764	34.34 2.88 -0.48	42.73 3.39 -1.94	40.54 3.01 -3.37	39.93 2.74 0.00	31.54 2.27 0.00	28.86 2.35 0.00	36.66 2.89 0.00	41.41 3.33 0.00	45.47 3.54 0.00	48.25 3.75 0.00	43.31 3.30 0.00	54.13 3.62 0.00	57.40 4.79 0.00	69.09 5.79 0.00	74.27 6.46 0.00	73.41 7.09 0.00	98.91 8.87 -12.05	164.46 15.51 -3.37	110.31 9.88 -1.86	73.77 6.41 0.00	76.25 5.96 -1.86	77.71 5.30 -9.51	60.69 4.45 -8.49	65.78 4.53 -13.07
FREEPORT___CT2 23818	34.34 2.88 -0.48	42.73 3.39 -1.94	40.54 3.01 -3.37	39.93 2.74 0.00	31.54 2.27 0.00	28.86 2.35 0.00	36.66 2.89 0.00	41.41 3.33 0.00	45.47 3.54 0.00	48.25 3.75 0.00	43.31 3.30 0.00	54.13 3.62 0.00	57.40 4.79 0.00	69.09 5.79 0.00	74.27 6.46 0.00	73.41 7.09 0.00	98.91 8.87 -12.05	164.46 15.51 -3.37	110.31 9.88 -1.86	73.77 6.41 0.00	76.25 5.96 -1.86	77.71 5.30 -9.51	60.69 4.45 -8.49	65.78 4.53 -13.07
FRESHKLS_33_KV_LOAD 356253	33.41 2.43 0.00	39.33 2.62 0.69	36.60 2.44 0.00	39.22 2.03 0.00	31.16 1.90 0.00	28.53 2.02 0.00	36.22 2.45 0.00	38.88 2.67 1.87	39.51 3.10 5.52	39.94 3.39 7.96	43.06 3.06 0.00	53.83 3.33 0.00	56.87 4.25 0.00	68.69 5.38 0.00	73.98 6.17 0.00	72.98 6.65 0.00	86.09 8.09 0.00	159.36 13.78 0.00	109.04 8.61 -1.86	73.07 5.71 0.00	75.64 5.35 -1.86	76.37 4.80 -8.68	51.47 3.74 0.00	51.75 3.56 0.00
FULTON COGEN____ 23766	30.78 -0.23 -0.03	37.31 -0.30 -0.21	33.84 -0.33 -0.02	36.82 -0.37 0.00	28.92 -0.34 0.00	26.25 -0.26 0.00	33.43 -0.33 0.00	38.03 -0.34 -0.29	41.62 -0.31 0.00	44.26 -0.24 0.00	39.87 -0.14 0.00	50.42 -0.08 0.00	52.58 -0.04 0.00	63.24 -0.06 0.00	67.63 -0.18 0.00	66.18 -0.06 0.09	77.96 -0.04 0.00	145.24 -0.34 0.00	98.22 -0.34 0.00	67.11 -0.26 0.00	68.15 -0.28 0.00	62.55 -0.35 0.00	47.35 -0.39 0.00	47.69 -0.49 0.00
FULTON___LFGE 323630	34.54 3.55 0.00	41.57 4.17 0.00	37.80 3.64 0.00	41.01 3.82 0.00	32.24 2.97 0.00	29.39 2.88 0.00	37.29 3.52 0.00	41.92 3.84 0.00	46.12 4.19 0.00	47.73 3.23 0.00	42.80 2.79 0.00	52.59 2.08 0.00	55.62 3.00 0.00	66.63 3.33 0.00	72.16 4.35 0.00	71.92 5.59 0.00	82.11 4.12 0.00	162.97 17.39 0.00	129.81 11.48 -19.76	79.38 12.01 0.00	100.31 12.12 -19.76	165.45 10.44 -92.11	55.33 7.60 0.00	55.32 7.14 0.00
G.F.CEMENT___DRP 24184	33.23 2.25 0.00	40.31 2.91 0.00	36.74 2.58 0.00	39.80 2.61 0.00	31.35 2.09 0.00	28.61 2.10 0.00	36.39 2.62 0.00	41.18 3.10 0.00	45.31 3.37 0.00	47.75 3.25 0.00	42.62 2.61 0.00	53.78 3.28 0.00	56.06 3.44 0.00	67.83 4.53 0.00	72.98 5.18 0.00	71.79 5.46 0.00	84.57 6.58 0.00	159.37 13.80 0.00	129.14 9.81 -20.76	74.02 6.65 -0.01	95.87 6.67 -20.76	165.43 5.74 -96.79	51.59 3.85 0.00	51.70 3.52 0.00
GARDENVILLE___LBMP 24039	31.37 0.38 0.00	37.52 0.12 0.00	34.30 0.14 0.00	36.95 -0.24 0.00	29.02 -0.25 0.00	26.33 -0.18 0.00	33.64 -0.13 0.00	38.00 -0.08 0.00	42.29 0.36 0.00	45.44 0.94 0.00	41.24 1.23 0.00	52.65 2.14 0.00	54.50 1.88 0.00	65.31 2.01 0.00	69.49 1.68 0.00	68.47 2.14 0.00	79.03 1.04 0.00	145.75 0.18 0.00	98.48 -0.08 0.00	67.81 0.45 0.00	68.81 0.39 0.00	62.97 0.08 0.00	47.92 0.18 0.00	48.75 0.57 0.00
GARDNVLA_35_KV_LD 355827	31.52 0.53 0.00	37.68 0.28 0.00	34.44 0.28 0.00	37.12 -0.07 0.00	29.14 -0.12 0.00	26.44 -0.07 0.00	33.78 0.02 0.00	38.18 0.10 0.00	42.51 0.58 0.00	45.69 1.19 0.00	41.49 1.48 0.00	53.00 2.49 0.00	54.91 2.29 0.00	65.80 2.50 0.00	70.08 2.27 0.00	69.06 2.73 0.00	79.70 1.70 0.00	146.98 1.41 0.00	99.28 0.71 0.00	68.32 0.96 0.00	69.36 0.93 0.00	63.40 0.50 0.00	48.22 0.48 0.00	49.04 0.86 0.00
GELCKHM___115KV_LOAD 80723	30.98 -0.02 -0.01	37.40 -0.07 -0.07	34.05 -0.11 -0.01	37.03 -0.16 0.00	29.09 -0.17 0.00	26.41 -0.10 0.00	33.65 -0.11 0.00	38.11 -0.07 -0.09	41.90 -0.03 0.00	44.59 0.09 0.00	40.13 0.12 0.00	50.77 0.26 0.00	52.91 0.29 0.00	63.73 0.42 0.00	68.20 0.39 0.00	66.80 0.47 0.00	78.48 0.48 0.00	146.11 0.53 0.00	98.86 0.29 0.00	67.54 0.18 0.00	68.58 0.15 0.00	62.94 0.05 0.00	47.67 -0.06 0.00	48.01 -0.17 0.00
GENERAL___MILLS 23808	31.44 0.46 0.00	37.60 0.20 0.00	34.37 0.21 0.00	37.04 -0.15 0.00	29.09 -0.18 0.00	26.39 -0.12 0.00	33.72 -0.05 0.00	38.09 0.01 0.00	42.40 0.47 0.00	45.57 1.07 0.00	41.37 1.35 0.00	52.83 2.33 0.00	54.70 2.07 0.00	65.55 2.24 0.00	69.77 1.97 0.00	68.75 2.42 0.00	79.35 1.36 0.00	146.34 0.76 0.00	98.88 0.31 0.00	68.05 0.69 0.00	69.08 0.65 0.00	63.17 0.27 0.00	48.06 0.32 0.00	48.89 0.71 0.00
GE_PLASTICS___DRP 24183	31.84 0.85 0.00	38.62 1.22 0.00	35.22 1.06 0.00	38.13 0.94 0.00	30.06 0.80 0.00	27.38 0.86 0.00	34.75 0.99 0.00	39.19 1.11 0.00	43.11 1.18 0.00	45.47 0.97 0.00	40.63 0.61 0.00	50.86 0.35 0.00	53.15 0.53 0.00	64.14 0.84 0.00	68.80 1.00 0.00	56.35 1.11 11.09	79.54 1.55 0.00	148.62 3.05 0.00	109.32 1.92 -8.84	68.70 1.34 0.00	78.66 1.39 -8.84	105.27 1.17 -41.20	48.70 0.96 0.00	49.24 1.06 0.00
GILBOA___1 23756	32.03 1.05 0.00	39.15 1.75 0.00	35.71 1.55 0.00	38.65 1.46 0.00	30.46 1.20 0.00	27.74 1.23 0.00	35.16 1.40 0.00	39.43 1.35 0.00	43.27 1.34 0.00	45.89 1.39 0.00	41.23 1.22 0.00	51.72 1.21 0.00	54.07 1.45 0.00	65.22 1.92 0.00	70.08 2.28 0.00	68.47 2.14 0.00	80.42 2.43 0.00	149.69 4.11 0.00	102.29 2.55 -1.17	69.17 1.81 0.00	71.68 2.08 -1.17	70.22 1.88 -5.44	49.33 1.59 0.00	49.72 1.54 0.00
GILBOA___2 23757	32.03 1.05 0.00	39.15 1.75 0.00	35.71 1.55 0.00	38.65 1.46 0.00	30.46 1.20 0.00	27.74 1.23 0.00	35.16 1.40 0.00	39.43 1.35 0.00	43.27 1.34 0.00	45.89 1.39 0.00	41.23 1.22 0.00	51.72 1.21 0.00	54.07 1.45 0.00	65.22 1.92 0.00	70.08 2.28 0.00	68.47 2.14 0.00	80.42 2.43 0.00	149.69 4.11 0.00	102.29 2.55 -1.17	69.17 1.81 0.00	71.68 2.08 -1.17	70.22 1.88 -5.44	49.33 1.59 0.00	49.72 1.54 0.00

GILBOA___3 23758	32.03 1.05 0.00	39.15 1.75 0.00	35.71 1.55 0.00	38.65 1.46 0.00	30.46 1.20 0.00	27.74 1.23 0.00	35.16 1.40 0.00	39.43 1.35 0.00	43.27 1.34 0.00	45.89 1.39 0.00	41.23 1.22 0.00	51.72 1.21 0.00	54.07 1.45 0.00	65.22 1.92 0.00	70.08 2.28 0.00	68.47 2.14 0.00	80.42 2.43 0.00	149.69 4.11 0.00	102.29 2.55 -1.17	69.17 1.81 0.00	71.68 2.08 -1.17	70.22 1.88 -5.44	49.33 1.59 0.00	49.72 1.54 0.00
GILBOA___4 23759	32.03 1.05 0.00	39.15 1.75 0.00	35.71 1.55 0.00	38.65 1.46 0.00	30.46 1.20 0.00	27.74 1.23 0.00	35.16 1.40 0.00	39.43 1.35 0.00	43.27 1.34 0.00	45.89 1.39 0.00	41.23 1.22 0.00	51.72 1.21 0.00	54.07 1.45 0.00	65.22 1.92 0.00	70.08 2.28 0.00	68.47 2.14 0.00	80.42 2.43 0.00	149.69 4.11 0.00	102.29 2.55 -1.17	69.17 1.81 0.00	71.68 2.08 -1.17	70.22 1.88 -5.44	49.33 1.59 0.00	49.72 1.54 0.00
GILBOA___ 23599	32.03 1.04 0.00	39.15 1.75 0.00	35.71 1.55 0.00	38.65 1.46 0.00	30.46 1.20 0.00	27.75 1.23 0.00	35.16 1.40 0.00	39.43 1.35 0.00	43.27 1.34 0.00	45.88 1.38 0.00	41.23 1.22 0.00	51.72 1.21 0.00	54.07 1.45 0.00	65.22 1.92 0.00	70.08 2.28 0.00	68.47 2.14 0.00	80.41 2.42 0.00	149.68 4.11 0.00	102.29 2.56 -1.17	69.17 1.81 0.00	71.68 2.08 -1.17	70.22 1.88 -5.44	49.33 1.59 0.00	49.72 1.54 0.00
GINNA___ 23603	30.09 -0.90 0.00	36.09 -1.31 0.00	32.95 -1.20 0.00	35.72 -1.47 0.00	28.06 -1.20 0.00	25.47 -1.04 0.00	32.54 -1.23 0.00	36.78 -1.30 0.00	40.75 -1.18 0.00	43.60 -0.90 0.00	39.52 -0.50 0.00	50.32 -0.18 0.00	52.36 -0.26 0.00	63.04 -0.27 0.00	67.29 -0.52 0.00	66.06 -0.27 0.00	76.76 -1.24 0.00	142.19 -3.38 0.00	96.21 -2.36 0.00	65.96 -1.40 0.00	66.84 -1.60 0.00	61.23 -1.66 0.00	46.42 -1.32 0.00	46.86 -1.33 0.00
GLEN PARK___ 23778	32.00 1.00 -0.02	38.55 1.05 -0.10	35.13 0.96 -0.01	38.31 1.11 0.00	30.08 0.82 0.00	27.27 0.76 0.00	34.88 1.12 0.00	39.41 1.20 -0.13	42.97 1.04 0.00	45.97 1.47 0.00	41.20 1.19 0.00	52.38 1.87 0.00	53.73 1.11 0.00	63.95 0.64 0.00	68.44 0.63 0.00	64.50 -0.74 1.08	73.31 0.27 4.95	145.65 2.55 2.48	101.88 3.31 0.00	68.93 1.57 0.00	70.22 1.79 0.00	65.21 2.31 0.00	49.12 1.38 0.00	49.29 1.11 0.00
GLENDALE_27_KV_LOAD 356172	33.61 2.62 0.00	40.40 3.00 0.00	36.84 2.68 0.00	39.60 2.41 0.00	31.35 2.08 0.00	28.70 2.18 0.00	36.49 2.73 0.00	41.30 3.22 0.00	45.59 3.65 0.00	48.49 3.99 0.00	43.49 3.48 0.00	54.35 3.85 0.00	57.36 4.74 0.00	69.22 5.91 0.00	74.54 6.73 0.00	73.55 7.22 0.00	86.60 8.61 0.00	160.15 14.58 0.00	109.47 9.05 -1.86	73.29 5.93 0.00	75.80 5.51 -1.86	76.56 4.98 -8.68	51.77 4.03 0.00	52.12 3.94 0.00
GLENWOOD_IC_1_G5 23712	34.31 2.85 -0.48	42.69 3.35 -1.94	40.50 2.97 -3.37	39.91 2.71 0.00	31.51 2.25 0.00	28.83 2.32 0.00	36.64 2.88 0.00	41.42 3.34 0.00	45.56 3.63 0.00	48.45 3.95 0.00	43.59 3.58 0.00	54.25 3.75 0.00	57.51 4.89 0.00	69.39 6.08 0.00	74.70 6.90 0.00	73.83 7.50 0.00	117.44 9.26 -30.18	169.95 15.92 -8.45	110.23 9.80 -1.86	73.65 6.29 0.00	76.13 5.84 -1.86	77.54 5.14 -9.51	59.45 4.27 -7.45	64.95 4.55 -12.21
GLENWOOD_IC_2_G1 23688	34.21 2.75 -0.48	42.56 3.22 -1.94	40.39 2.86 -3.37	39.79 2.60 0.00	31.42 2.16 0.00	28.75 2.24 0.00	36.54 2.78 0.00	41.29 3.21 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.44 3.42 0.00	54.26 3.75 0.00	57.50 4.88 0.00	69.35 6.05 0.00	74.65 6.84 0.00	73.75 7.42 0.00	144.20 9.13 -57.07	177.32 15.76 -15.98	110.18 9.76 -1.86	73.65 6.29 0.00	76.16 5.87 -1.86	77.59 5.19 -9.51	58.46 4.29 -6.44	63.93 4.35 -11.39
GLENWOOD_IC_3_G1 23689	34.21 2.75 -0.48	42.56 3.22 -1.94	40.39 2.86 -3.37	39.79 2.60 0.00	31.42 2.16 0.00	28.75 2.24 0.00	36.54 2.78 0.00	41.29 3.21 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.44 3.42 0.00	54.26 3.75 0.00	57.50 4.88 0.00	69.35 6.05 0.00	74.65 6.84 0.00	73.75 7.42 0.00	144.20 9.13 -57.07	177.32 15.76 -15.98	110.18 9.76 -1.86	73.65 6.29 0.00	76.16 5.87 -1.86	77.59 5.19 -9.51	58.46 4.29 -6.44	63.93 4.35 -11.39
GLENWOOD___4 23550	34.31 2.85 -0.48	42.69 3.35 -1.94	40.50 2.97 -3.37	39.91 2.71 0.00	31.51 2.25 0.00	28.83 2.32 0.00	36.64 2.88 0.00	41.42 3.34 0.00	45.56 3.63 0.00	48.45 3.95 0.00	43.61 3.60 0.00	54.37 3.87 0.00	57.65 5.03 0.00	69.55 6.24 0.00	74.87 7.06 0.00	73.99 7.66 0.00	117.63 9.45 -30.18	170.34 16.32 -8.45	110.47 10.04 -1.86	73.81 6.45 0.00	76.31 6.02 -1.86	77.70 5.30 -9.51	59.56 4.38 -7.45	64.95 4.55 -12.21
GLENWOOD___5 23614	34.31 2.85 -0.48	42.69 3.35 -1.94	40.50 2.97 -3.37	39.91 2.71 0.00	31.51 2.25 0.00	28.83 2.32 0.00	36.64 2.88 0.00	41.42 3.34 0.00	45.56 3.63 0.00	48.45 3.95 0.00	43.61 3.60 0.00	54.37 3.87 0.00	57.65 5.03 0.00	69.55 6.24 0.00	74.87 7.06 0.00	73.99 7.66 0.00	117.63 9.45 -30.18	170.34 16.32 -8.45	110.47 10.04 -1.86	73.81 6.45 0.00	76.31 6.02 -1.86	77.70 5.30 -9.51	59.56 4.38 -7.45	64.95 4.55 -12.21
GLOBAL GREEN_PORT_GT1 23814	35.82 4.35 -0.48	44.56 5.22 -1.94	42.19 4.66 -3.37	41.63 4.44 0.00	32.87 3.61 0.00	30.12 3.60 0.00	38.40 4.64 0.00	43.40 5.32 0.00	47.70 5.77 0.00	50.45 5.94 0.00	44.83 4.81 0.00	56.21 5.70 0.00	86.35 7.37 -26.36	130.34 9.16 -57.87	119.43 9.86 -41.76	144.74 10.42 -67.98	196.49 12.24 -106.25	266.76 19.87 -101.31	138.32 12.49 -27.26	115.76 8.27 -40.14	105.03 7.65 -28.94	79.07 6.66 -9.51	58.29 6.31 -4.24	64.16 6.37 -9.61
GLOBE___DSASP 323697	30.32 -0.66 0.00	36.29 -1.11 0.00	33.26 -0.90 0.00	35.88 -1.31 0.00	28.20 -1.06 0.00	25.54 -0.97 0.00	32.59 -1.17 0.00	36.62 -1.46 0.00	40.65 -1.28 0.00	43.50 -1.01 0.00	39.51 -0.50 0.00	50.55 0.04 0.00	52.10 -0.52 0.00	62.39 -0.91 0.00	66.19 -1.62 0.00	65.14 -1.19 0.00	74.93 -3.06 0.00	138.19 -7.39 0.00	93.44 -5.13 0.00	64.52 -2.84 0.00	65.31 -3.12 0.00	59.79 -3.11 0.00	45.69 -2.05 0.00	46.75 -1.43 0.00
GOETHSLN___LBMP 323567	33.23 2.24 0.00	39.23 2.53 0.70	36.35 2.20 0.00	39.12 1.93 0.00	30.96 1.70 0.00	28.35 1.84 0.00	36.01 2.25 0.00	38.11 2.68 2.66	39.45 3.08 5.56	39.96 3.42 7.97	42.97 2.96 0.00	50.80 3.29 3.00	56.71 4.09 0.00	68.46 5.16 0.00	73.68 5.87 0.00	72.67 6.34 0.00	85.64 7.65 0.00	158.44 12.87 0.00	108.34 7.91 -1.86	72.51 5.15 0.00	75.01 4.72 -1.86	75.86 4.28 -8.68	51.14 3.40 0.00	50.39 3.30 1.10
GOLAH___69_KV_TB 1_2 80279	31.69 0.70 0.00	37.96 0.56 0.00	34.68 0.52 0.00	37.52 0.32 0.00	29.47 0.21 0.00	26.74 0.23 0.00	34.19 0.42 0.00	38.63 0.55 0.00	42.83 0.90 0.00	45.85 1.35 0.00	41.58 1.57 0.00	53.00 2.49 0.00	55.03 2.41 0.00	66.24 2.94 0.00	70.47 2.66 0.00	69.40 3.07 0.00	80.14 2.14 0.00	148.48 2.90 0.00	100.43 1.86 0.00	68.97 1.61 0.00	69.85 1.42 0.00	64.16 1.26 0.00	48.73 0.99 0.00	49.28 1.10 0.00

GOODYEAR_LAKE_HYD 323669	32.38 1.40 0.00	39.12 1.72 0.00	35.64 1.49 0.00	38.63 1.44 0.00	30.39 1.13 0.00	27.65 1.14 0.00	35.29 1.53 0.00	39.97 1.89 0.00	44.04 2.11 0.00	46.97 2.47 0.00	42.35 2.33 0.00	53.43 2.92 0.00	55.80 3.18 0.00	67.15 3.85 0.00	71.99 4.18 0.00	70.48 4.15 0.00	82.77 4.77 0.00	154.30 8.72 0.00	110.36 5.69 -6.10	71.37 4.00 0.00	78.64 4.11 -6.10	95.01 3.69 -28.43	50.53 2.79 0.00	50.82 2.64 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.57 0.57 -0.01	38.13 0.69 -0.04	34.72 0.56 0.00	37.60 0.41 0.00	29.54 0.27 0.00	26.90 0.39 0.00	34.27 0.51 0.00	38.94 0.81 -0.05	42.97 1.04 0.00	45.78 1.28 0.00	41.22 1.21 0.00	52.00 1.50 0.00	54.27 1.65 0.00	65.40 2.10 0.00	70.23 2.42 0.00	68.83 2.50 0.00	80.79 2.80 0.00	150.10 4.53 0.00	102.07 2.72 -0.79	69.21 1.85 0.00	71.07 1.85 -0.79	68.26 1.70 -3.67	48.91 1.17 0.00	49.35 1.16 0.00
GOUDEY___7 23579	31.60 0.60 -0.01	38.16 0.73 -0.04	34.75 0.59 0.00	37.64 0.45 0.00	29.56 0.30 0.00	26.92 0.41 0.00	34.31 0.55 0.00	38.98 0.84 -0.05	43.02 1.09 0.00	45.84 1.34 0.00	41.28 1.27 0.00	52.07 1.57 0.00	54.36 1.74 0.00	65.52 2.21 0.00	70.34 2.53 0.00	68.94 2.61 0.00	80.93 2.94 0.00	150.32 4.74 0.00	102.20 2.84 -0.79	69.31 1.95 0.00	71.17 1.95 -0.79	68.32 1.76 -3.67	48.98 1.25 0.00	49.40 1.22 0.00
GOUDEY___8 23580	31.57 0.57 -0.01	38.13 0.69 -0.04	34.72 0.56 0.00	37.60 0.41 0.00	29.54 0.27 0.00	26.90 0.39 0.00	34.27 0.51 0.00	38.94 0.81 -0.05	42.97 1.04 0.00	45.78 1.28 0.00	41.22 1.21 0.00	52.00 1.50 0.00	54.27 1.65 0.00	65.40 2.10 0.00	70.23 2.42 0.00	68.83 2.50 0.00	80.79 2.80 0.00	150.10 4.53 0.00	102.07 2.72 -0.79	69.21 1.85 0.00	71.07 1.85 -0.79	68.26 1.70 -3.67	48.91 1.17 0.00	49.35 1.16 0.00
GOWANUS_GT1_1 24077	33.55 2.56 0.00	40.27 2.87 0.00	36.73 2.58 0.00	39.45 2.26 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.28 6.96 0.00	86.17 8.18 0.00	159.23 13.66 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.36 -1.86	76.42 4.85 -8.68	51.66 3.92 0.00	51.96 3.78 0.00
GOWANUS_GT1_2 24078	33.55 2.56 0.00	40.27 2.87 0.00	36.73 2.58 0.00	39.45 2.26 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.28 6.96 0.00	86.17 8.18 0.00	159.23 13.66 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.36 -1.86	76.42 4.85 -8.68	51.66 3.92 0.00	51.96 3.78 0.00
GOWANUS_GT1_3 24079	33.55 2.56 0.00	40.27 2.87 0.00	36.73 2.58 0.00	39.45 2.26 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.28 6.96 0.00	86.17 8.18 0.00	159.23 13.66 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.36 -1.86	76.42 4.85 -8.68	51.66 3.92 0.00	51.96 3.78 0.00
GOWANUS_GT1_4 24080	33.55 2.56 0.00	40.27 2.87 0.00	36.73 2.58 0.00	39.45 2.26 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.28 6.96 0.00	86.17 8.18 0.00	159.23 13.66 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.36 -1.86	76.42 4.85 -8.68	51.66 3.92 0.00	51.96 3.78 0.00
GOWANUS_GT1_5 24084	33.55 2.56 0.00	40.27 2.87 0.00	36.73 2.58 0.00	39.45 2.26 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.28 6.96 0.00	86.17 8.18 0.00	159.23 13.66 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.36 -1.86	76.42 4.85 -8.68	51.66 3.92 0.00	51.96 3.78 0.00
GOWANUS_GT1_6 24111	33.55 2.56 0.00	40.27 2.87 0.00	36.73 2.58 0.00	39.45 2.26 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.28 6.96 0.00	86.17 8.18 0.00	159.23 13.66 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.36 -1.86	76.42 4.85 -8.68	51.66 3.92 0.00	51.96 3.78 0.00
GOWANUS_GT1_7 24112	33.55 2.56 0.00	40.27 2.87 0.00	36.73 2.58 0.00	39.45 2.26 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.28 6.96 0.00	86.17 8.18 0.00	159.23 13.66 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.36 -1.86	76.42 4.85 -8.68	51.66 3.92 0.00	51.96 3.78 0.00
GOWANUS_GT1_8 24113	33.55 2.56 0.00	40.27 2.87 0.00	36.73 2.58 0.00	39.45 2.26 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.28 6.96 0.00	86.17 8.18 0.00	159.23 13.66 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.36 -1.86	76.42 4.85 -8.68	51.66 3.92 0.00	51.96 3.78 0.00
GOWANUS_GT2_1 24114	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.30 6.97 0.00	86.17 8.18 0.00	159.21 13.63 0.00	108.88 8.45 -1.86	73.12 5.76 0.00	75.66 5.37 -1.86	76.43 4.86 -8.68	51.66 3.92 0.00	51.97 3.79 0.00
GOWANUS_GT2_2 24115	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.30 6.97 0.00	86.17 8.18 0.00	159.21 13.63 0.00	108.88 8.45 -1.86	73.12 5.76 0.00	75.66 5.37 -1.86	76.43 4.86 -8.68	51.66 3.92 0.00	51.97 3.79 0.00
GOWANUS_GT2_3 24116	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.30 6.97 0.00	86.17 8.18 0.00	159.21 13.63 0.00	108.88 8.45 -1.86	73.12 5.76 0.00	75.66 5.37 -1.86	76.43 4.86 -8.68	51.66 3.92 0.00	51.97 3.79 0.00

GOWANUS_GT2_4 24117	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.30 6.97 0.00	86.17 8.18 0.00	159.21 13.63 0.00	108.88 8.45 -1.86	73.12 5.76 0.00	75.66 5.37 -1.86	76.43 4.86 -8.68	51.66 3.92 0.00	51.97 3.79 0.00
GOWANUS_GT2_5 24118	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.30 6.97 0.00	86.17 8.18 0.00	159.21 13.63 0.00	108.88 8.45 -1.86	73.12 5.76 0.00	75.66 5.37 -1.86	76.43 4.86 -8.68	51.66 3.92 0.00	51.97 3.79 0.00
GOWANUS_GT2_6 24119	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.30 6.97 0.00	86.17 8.18 0.00	159.21 13.63 0.00	108.88 8.45 -1.86	73.12 5.76 0.00	75.66 5.37 -1.86	76.43 4.86 -8.68	51.66 3.92 0.00	51.97 3.79 0.00
GOWANUS_GT2_7 24120	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.30 6.97 0.00	86.17 8.18 0.00	159.21 13.63 0.00	108.88 8.45 -1.86	73.12 5.76 0.00	75.66 5.37 -1.86	76.43 4.86 -8.68	51.66 3.92 0.00	51.97 3.79 0.00
GOWANUS_GT2_8 24121	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.30 6.97 0.00	86.17 8.18 0.00	159.21 13.63 0.00	108.88 8.45 -1.86	73.12 5.76 0.00	75.66 5.37 -1.86	76.43 4.86 -8.68	51.66 3.92 0.00	51.97 3.79 0.00
GOWANUS_GT3_1 24122	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.30 6.97 0.00	86.17 8.18 0.00	159.24 13.67 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.37 -1.86	76.43 4.86 -8.68	51.66 3.92 0.00	51.97 3.79 0.00
GOWANUS_GT3_2 24123	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.30 6.97 0.00	86.17 8.18 0.00	159.24 13.67 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.37 -1.86	76.43 4.86 -8.68	51.66 3.92 0.00	51.97 3.79 0.00
GOWANUS_GT3_3 24124	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00</																

GOWANUS_GT4_3 24132	33.55 2.56 0.00	40.27 2.87 0.00	36.73 2.58 0.00	39.45 2.26 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.28 6.96 0.00	86.17 8.18 0.00	159.21 13.63 0.00	108.89 8.45 -1.86	73.12 5.76 0.00	75.66 5.36 -1.86	76.42 4.85 -8.68	51.66 3.92 0.00	51.96 3.78 0.00
GOWANUS_GT4_4 24133	33.55 2.56 0.00	40.27 2.87 0.00	36.73 2.58 0.00	39.45 2.26 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.28 6.96 0.00	86.17 8.18 0.00	159.21 13.63 0.00	108.89 8.45 -1.86	73.12 5.76 0.00	75.66 5.36 -1.86	76.42 4.85 -8.68	51.66 3.92 0.00	51.96 3.78 0.00
GOWANUS_GT4_5 24134	33.55 2.56 0.00	40.27 2.87 0.00	36.73 2.58 0.00	39.45 2.26 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.28 6.96 0.00	86.17 8.18 0.00	159.21 13.63 0.00	108.89 8.45 -1.86	73.12 5.76 0.00	75.66 5.36 -1.86	76.42 4.85 -8.68	51.66 3.92 0.00	51.96 3.78 0.00
GOWANUS_GT4_6 24135	33.55 2.56 0.00	40.27 2.87 0.00	36.73 2.58 0.00	39.45 2.26 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.28 6.96 0.00	86.17 8.18 0.00	159.21 13.63 0.00	108.89 8.45 -1.86	73.12 5.76 0.00	75.66 5.36 -1.86	76.42 4.85 -8.68	51.66 3.92 0.00	51.96 3.78 0.00
GOWANUS_GT4_7 24136	33.55 2.56 0.00	40.27 2.87 0.00	36.73 2.58 0.00	39.45 2.26 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.28 6.96 0.00	86.17 8.18 0.00	159.21 13.63 0.00	108.89 8.45 -1.86	73.12 5.76 0.00	75.66 5.36 -1.86	76.42 4.85 -8.68	51.66 3.92 0.00	51.96 3.78 0.00
GOWANUS_GT4_8 24137	33.55 2.56 0.00	40.27 2.87 0.00	36.73 2.58 0.00	39.45 2.26 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.28 6.96 0.00	86.17 8.18 0.00	159.21 13.63 0.00	108.89 8.45 -1.86	73.12 5.76 0.00	75.66 5.36 -1.86	76.42 4.85 -8.68	51.66 3.92 0.00	51.96 3.78 0.00
GREENBSH_115KV_TB3 55895	31.74 0.75 0.00	38.50 1.10 0.00	35.10 0.94 0.00	38.00 0.81 0.00	29.96 0.70 0.00	27.30 0.79 0.00	34.64 0.88 0.00	39.08 1.00 0.00	43.00 1.07 0.00	45.38 0.88 0.00	40.68 0.67 0.00	51.06 0.56 0.00	53.41 0.79 0.00	64.46 1.16 0.00	69.18 1.37 0.00	67.89 1.56 0.00	80.04 2.05 0.00	149.73 4.15 0.00	112.32 2.58 -11.17	69.07 1.70 0.00	81.32 1.72 -11.17	116.49 1.51 -52.09	48.92 1.19 0.00	49.34 1.16 0.00
GREENDGE_115KV_TB5 80291	31.68 0.68 0.00	37.94 0.51 -0.03	34.58 0.42 0.00	37.43 0.24 0.00	29.50 0.24 0.00	26.82 0.31 0.00	34.18 0.42 0.00	38.80 0.68 -0.04	42.88 0.95 0.00	45.78 1.28 0.00	41.47 1.46 0.00	52.39 1.88 0.00	54.58 1.96 0.00	65.63 2.33 0.00	70.33 2.52 0.00	68.93 2.60 0.00	80.27 2.28 0.00	147.55 1.97 0.00	100.67 2.11 0.00	69.73 2.37 0.00	70.64 2.21 0.00	64.73 1.84 0.00	48.93 1.19 0.00	49.32 1.14 0.00
GREENIDGE___3 23582	31.68 0.68 0.00	37.94 0.51 -0.03	34.58 0.42 0.00	37.43 0.24 0.00	29.50 0.24 0.00	26.82 0.31 0.00	34.18 0.42 0.00	38.80 0.68 -0.04	42.88 0.95 0.00	45.78 1.28 0.00	41.47 1.46 0.00	52.39 1.88 0.00	54.58 1.96 0.00	65.63 2.33 0.00	70.33 2.52 0.00	68.93 2.60 0.00	80.27 2.28 0.00	147.55 1.97 0.00	100.67 2.11 0.00	69.73 2.37 0.00	70.64 2.21 0.00	64.73 1.84 0.00	48.93 1.19 0.00	49.32 1.14 0.00
GREENIDGE___4 23583	31.68 0.68 0.00	37.94 0.51 -0.03	34.58 0.42 0.00	37.44 0.25 0.00	29.50 0.24 0.00	26.82 0.31 0.00	34.20 0.43 0.00	38.80 0.68 -0.04	42.88 0.95 0.00	45.78 1.28 0.00	41.47 1.45 0.00	52.38 1.88 0.00	54.58 1.96 0.00	65.63 2.32 0.00	70.33 2.53 0.00	68.92 2.59 0.00	80.26 2.27 0.00	147.53 1.95 0.00	100.68 2.12 0.00	69.73 2.36 0.00	70.65 2.22 0.00	64.72 1.83 0.00	48.93 1.19 0.00	49.33 1.14 0.00
GREENLWN_69_KV_BK 3 55738	33.80 2.34 -0.48	42.19 2.85 -1.94	40.13 2.60 -3.37	39.47 2.28 0.00	31.18 1.92 0.00	28.53 2.02 0.00	36.21 2.45 0.00	40.79 2.71 0.00	44.61 2.68 0.00	47.43 2.93 0.00	42.72 2.70 0.00	53.46 2.95 0.00	51.02 4.19 5.78	55.82 5.22 12.69	64.60 5.96 9.16	58.02 6.60 14.91	67.21 8.24 19.03	119.49 14.15 40.24	98.70 8.62 8.48	64.03 5.47 8.80	68.61 5.02 4.84	76.74 4.34 -9.50	55.71 3.59 -4.38	61.47 3.56 -9.73
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.55 2.56 0.00	40.27 2.87 0.00	36.73 2.58 0.00	39.45 2.26 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.28 6.96 0.00	86.17 8.18 0.00	159.23 13.66 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.36 -1.86	76.42 4.85 -8.68	51.66 3.92 0.00	51.96 3.78 0.00
GRISSOM___SOLAR 323813	34.54 3.55 0.00	41.57 4.17 0.00	37.80 3.64 0.00	41.01 3.82 0.00	32.24 2.97 0.00	29.39 2.88 0.00	37.29 3.52 0.00	41.92 3.84 0.00	46.12 4.19 0.00	47.73 3.23 0.00	42.80 2.79 0.00	52.59 2.08 0.00	55.62 3.00 0.00	66.63 3.33 0.00	72.16 4.35 0.00	71.92 5.59 0.00	82.11 4.12 0.00	162.97 17.39 0.00	129.81 11.48 -19.76	79.38 12.01 0.00	100.31 12.12 -19.76	165.45 10.44 -92.11	55.33 7.60 0.00	55.32 7.14 0.00
GROVEVILLE___HYD 323602	33.39 2.40 0.00	40.24 2.84 0.00	36.63 2.47 0.00	39.52 2.32 0.00	31.18 1.91 0.00	28.46 1.95 0.00	36.22 2.46 0.00	41.01 2.93 0.00	45.50 3.57 0.00	48.36 3.86 0.00	43.33 3.32 0.00	54.44 3.94 0.00	57.25 4.63 0.00	69.03 5.72 0.00	74.25 6.45 0.00	73.14 6.81 0.00	86.30 8.31 0.00	160.44 14.87 0.00	109.99 9.47 -1.95	73.50 6.14 0.00	76.21 5.83 -1.95	77.23 5.26 -9.08	51.72 3.98 0.00	51.98 3.79 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.23 0.23 -0.02	37.74 0.23 -0.10	34.33 0.16 -0.01	37.32 0.12 0.00	29.32 0.06 0.00	26.61 0.10 0.00	33.91 0.15 0.00	38.45 0.23 -0.14	42.17 0.24 0.00	44.88 0.38 0.00	40.34 0.33 0.00	51.01 0.51 0.00	53.18 0.56 0.00	64.05 0.75 0.00	68.54 0.73 0.00	67.16 0.83 0.00	78.95 0.95 0.00	146.91 1.33 0.00	99.42 0.86 0.00	67.92 0.56 0.00	69.00 0.57 0.00	63.33 0.43 0.00	47.93 0.19 0.00	48.28 0.09 0.00

HAMLTNNY_34_KV_TB 80303	31.29 0.28 -0.02	37.80 0.29 -0.11	34.40 0.24 -0.01	37.36 0.17 0.00	29.37 0.10 0.00	26.65 0.14 0.00	34.00 0.24 0.00	38.60 0.37 -0.15	42.37 0.44 0.00	45.17 0.67 0.00	40.64 0.63 0.00	51.41 0.91 0.00	53.64 1.02 0.00	64.63 1.33 0.00	69.18 1.38 0.00	67.73 1.40 0.00	79.56 1.57 0.00	147.93 2.35 0.00	100.12 1.55 0.00	68.48 1.12 0.00	69.55 1.12 0.00	63.82 0.92 0.00	48.30 0.57 0.00	48.64 0.46 0.00
HAMPSHIRE___PAPER_HYD 323593	30.70 -0.30 -0.01	37.03 -0.40 -0.04	33.86 -0.31 0.00	36.94 -0.24 0.00	28.94 -0.33 0.00	26.17 -0.34 0.00	33.50 -0.26 0.00	37.80 -0.34 -0.05	41.26 -0.67 0.00	43.99 -0.51 0.00	39.46 -0.55 0.00	50.18 -0.33 0.00	51.61 -1.02 0.00	61.50 -1.80 0.00	65.77 -2.04 0.00	62.34 -2.87 1.11	61.50 -2.52 13.97	135.77 -2.81 6.99	97.12 -1.45 0.00	66.03 -1.33 0.00	67.21 -1.22 0.00	62.27 -0.62 0.00	47.25 -0.48 0.00	47.55 -0.64 0.00
HARDSCRABBLE_WT_PWR 323673	32.68 1.69 0.00	39.62 2.22 0.00	36.07 1.91 0.00	38.99 1.80 0.00	30.66 1.40 0.00	28.00 1.49 0.00	35.32 1.56 0.00	39.23 1.15 0.00	43.14 1.21 0.00	45.54 1.04 0.00	40.83 0.82 0.00	51.01 0.51 0.00	53.53 0.90 0.00	64.65 1.35 0.00	69.75 1.94 0.00	68.81 2.36 -0.12	81.89 2.60 -1.30	152.30 6.07 -0.65	102.70 4.14 0.00	70.44 3.08 0.00	71.67 3.24 0.00	65.75 2.86 0.00	49.81 2.07 0.00	50.07 1.89 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.15 2.17 0.00	39.92 2.52 0.00	36.31 2.16 0.00	39.13 1.94 0.00	30.90 1.64 0.00	28.23 1.72 0.00	35.89 2.13 0.00	40.65 2.57 0.00	44.90 2.97 0.00	47.85 3.36 0.00	43.07 3.06 0.00	54.11 3.60 0.00	56.99 4.37 0.00	68.82 5.51 0.00	74.09 6.29 0.00	73.00 6.67 0.00	86.16 8.17 0.00	159.92 14.35 0.00	109.29 9.01 -1.71	73.16 5.80 0.00	75.59 5.45 -1.71	75.73 4.87 -7.96	51.41 3.67 0.00	51.71 3.53 0.00
HARSNRAD_115KV_TB1 81005	30.87 -0.11 0.00	36.94 -0.46 0.00	33.81 -0.35 0.00	36.46 -0.73 0.00	28.65 -0.62 0.00	25.97 -0.54 0.00	33.16 -0.60 0.00	37.21 -0.87 0.00	41.28 -0.65 0.00	44.34 -0.17 0.00	40.27 0.26 0.00	51.48 0.97 0.00	53.15 0.53 0.00	63.67 0.37 0.00	67.59 -0.22 0.00	66.51 0.18 0.00	76.54 -1.46 0.00	141.25 -4.33 0.00	95.52 -3.05 0.00	65.92 -1.45 0.00	66.87 -1.56 0.00	61.22 -1.68 0.00	46.71 -1.03 0.00	47.63 -0.55 0.00
HARZA MOOSE___RIVER 24016	31.92 0.93 0.00	38.48 1.05 -0.03	35.07 0.91 0.00	38.17 0.98 0.00	30.01 0.74 0.00	27.22 0.71 0.00	34.74 0.98 0.00	39.22 1.09 -0.04	43.00 1.07 0.00	45.80 1.30 0.00	41.11 1.10 0.00	52.07 1.57 0.00	53.94 1.32 0.00	64.72 1.41 0.00	69.37 1.56 0.00	67.11 0.79 0.00	76.57 1.49 2.92	148.13 4.01 1.46	101.89 3.32 0.00	69.11 1.75 0.00	70.24 1.81 0.00	64.87 1.97 0.00	49.17 1.43 0.00	49.39 1.21 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	30.98 -0.02 -0.01	37.38 -0.07 -0.06	34.05 -0.12 0.00	37.02 -0.17 0.00	29.08 -0.18 0.00	26.41 -0.10 0.00	33.64 -0.12 0.00	38.10 -0.06 -0.08	41.97 0.04 0.00	44.68 0.17 0.00	40.26 0.25 0.00	50.94 0.44 0.00	53.12 0.49 0.00	63.98 0.67 0.00	68.46 0.65 0.00	67.09 0.76 0.00	78.77 0.77 0.00	146.60 1.02 0.00	99.17 0.60 0.00	67.75 0.39 0.00	68.78 0.35 0.00	63.13 0.23 0.00	47.78 0.04 0.00	48.13 -0.05 0.00
HELLGATE_13_KV_LD 55870	33.41 2.42 0.00	40.17 2.77 0.00	36.63 2.47 0.00	39.39 2.20 0.00	31.19 1.92 0.00	28.54 2.03 0.00	36.29 2.52 0.00	41.04 2.97 0.00	45.28 3.35 0.00	48.16 3.66 0.00	43.18 3.17 0.00	53.99 3.49 0.00	56.98 4.36 0.00	68.76 5.46 0.00	74.04 6.23 0.00	73.02 6.69 0.00	85.98 7.99 0.00	159.05 13.48 0.00	108.71 8.28 -1.86	72.78 5.42 0.00	75.28 4.99 -1.86	76.09 4.51 -8.68	51.41 3.67 0.00	51.80 3.62 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.41 2.42 0.00	40.17 2.77 0.00	36.63 2.47 0.00	39.39 2.20 0.00	31.19 1.92 0.00	28.54 2.03 0.00	36.29 2.52 0.00	41.04 2.97 0.00	45.28 3.35 0.00	48.16 3.66 0.00	43.18 3.17 0.00	53.99 3.49 0.00	56.98 4.36 0.00	68.76 5.46 0.00	74.04 6.23 0.00	73.02 6.69 0.00	85.98 7.99 0.00	159.05 13.48 0.00	108.71 8.28 -1.86	72.78 5.42 0.00	75.28 4.99 -1.86	76.09 4.51 -8.68	51.41 3.67 0.00	51.80 3.62 0.00
HEMPSTEAD____ 23647	34.08 2.62 -0.48	42.45 3.11 -1.94	40.29 2.76 -3.37	39.66 2.47 0.00	31.33 2.07 0.00	28.66 2.15 0.00	36.43 2.67 0.00	41.16 3.08 0.00	45.22 3.29 0.00	48.03 3.53 0.00	43.20 3.19 0.00	53.96 3.45 0.00	57.22 4.60 0.00	68.98 5.68 0.00	74.25 6.44 0.00	73.37 7.05 0.00	104.85 8.73 -18.12	165.73 15.08 -5.07	109.76 9.33 -1.86	73.37 6.01 0.00	75.84 5.55 -1.86	77.30 4.90 -9.51	59.31 4.08 -7.50	64.59 4.15 -12.25
HEWLETT_69_KV_BK3 55828	34.49 3.03 -0.48	42.86 3.53 -1.94	40.67 3.14 -3.37	40.09 2.90 0.00	31.66 2.40 0.00	28.96 2.45 0.00	36.79 3.03 0.00	41.57 3.48 0.00	45.68 3.75 0.00	48.54 4.04 0.00	43.69 3.68 0.00	54.40 3.90 0.00	57.64 5.02 0.00	69.52 6.22 0.00	74.78 6.97 0.00	73.76 7.43 0.00	97.59 9.21 -10.38	164.48 16.00 -2.91	110.34 9.91 -1.86	73.77 6.40 0.00	76.32 6.03 -1.86	77.82 5.42 -9.51	69.11 4.64 -16.73	72.63 4.69 -19.75
HICKLING___1 23621	31.64 0.66 0.00	38.10 0.66 -0.03	34.72 0.56 0.00	37.51 0.31 0.00	29.43 0.16 0.00	26.83 0.32 0.00	34.26 0.49 0.00	39.06 0.94 -0.04	43.20 1.27 0.00	46.25 1.75 0.00	41.72 1.71 0.00	52.72 2.22 0.00	54.99 2.37 0.00	66.25 2.94 0.00	71.10 3.29 0.00	69.77 3.44 0.00	81.57 3.57 0.00	151.04 5.46 0.00	102.49 3.35 -0.57	69.78 2.42 0.00	71.36 2.35 -0.57	67.74 2.17 -2.68	49.19 1.45 0.00	49.71 1.53 0.00
HICKLING___2 23622	31.64 0.66 0.00	38.10 0.66 -0.03	34.72 0.56 0.00	37.51 0.31 0.00	29.43 0.16 0.00	26.83 0.32 0.00	34.26 0.49 0.00	39.06 0.94 -0.04	43.20 1.27 0.00	46.25 1.75 0.00	41.72 1.71 0.00	52.72 2.22 0.00	54.99 2.37 0.00	66.25 2.94 0.00	71.10 3.29 0.00	69.77 3.44 0.00	81.57 3.57 0.00	151.04 5.46 0.00	102.49 3.35 -0.57	69.78 2.42 0.00	71.36 2.35 -0.57	67.74 2.17 -2.68	49.19 1.45 0.00	49.71 1.53 0.00
HIGH FALLS___HY 23754	33.28 2.30 0.00	40.05 2.65 0.00	36.43 2.27 0.00	39.26 2.07 0.00	30.98 1.71 0.00	28.30 1.79 0.00	36.02 2.25 0.00	40.77 2.69 0.00	44.99 3.06 0.00	48.03 3.53 0.00	43.20 3.19 0.00	54.37 3.87 0.00	57.34 4.72 0.00	68.82 5.52 0.00	74.43 6.62 0.00	72.57 7.03 0.79	86.79 8.79 0.00	160.78 15.20 0.00	110.82 9.38 -2.87	73.32 5.95 0.00	76.99 5.68 -2.87	81.74 5.47 -13.38	51.80 4.07 0.00	51.93 3.75 0.00
HIGH_RIVER___SOLAR 323847	32.47 1.48 0.00	39.27 1.87 0.00	35.79 1.64 0.00	38.81 1.62 0.00	30.57 1.31 0.00	27.80 1.29 0.00	35.41 1.65 0.00	40.06 1.98 0.00	43.97 2.04 0.00	46.49 1.99 0.00	41.79 1.78 0.00	52.46 1.96 0.00	54.76 2.14 0.00	66.19 2.89 0.00	71.00 3.20 0.00	69.75 3.42 0.00	81.71 3.72 0.00	153.44 7.86 0.00	126.14 5.80 -21.77	71.61 4.24 -0.01	94.70 4.49 -21.77	168.38 3.99 -101.50	50.69 2.95 0.00	51.01 2.82 0.00

HILLBURN___GT 23639	33.06 2.08 0.00	39.79 2.39 0.00	36.18 2.02 0.00	38.97 1.78 0.00	30.79 1.53 0.00	28.15 1.64 0.00	35.78 2.02 0.00	40.51 2.43 0.00	44.74 2.81 0.00	47.67 3.17 0.00	42.82 2.81 0.00	53.74 3.24 0.00	56.63 4.01 0.00	68.38 5.08 0.00	73.57 5.76 0.00	72.50 6.17 0.00	85.55 7.56 0.00	158.58 13.01 0.00	108.36 8.06 -1.74	72.49 5.12 0.00	74.91 4.74 -1.74	75.30 4.30 -8.11	51.04 3.31 0.00	51.43 3.25 0.00
HILLSIDE_115KV_TB1 80332	31.13 0.14 0.00	37.52 0.08 -0.03	34.20 0.04 0.00	36.95 -0.24 0.00	28.98 -0.28 0.00	26.44 -0.07 0.00	33.76 0.00 0.00	38.56 0.43 -0.05	42.65 0.72 0.00	45.59 1.09 0.00	41.06 1.05 0.00	51.79 1.29 0.00	54.10 1.48 0.00	65.20 1.90 0.00	70.08 2.28 0.00	68.73 2.40 0.00	80.48 2.48 0.00	148.99 3.42 0.00	100.92 1.76 -0.60	68.58 1.22 0.00	70.13 1.10 -0.60	66.75 1.08 -2.77	48.39 0.66 0.00	48.92 0.73 0.00
HISHELDN_WT_PWR 323625	31.32 0.33 0.00	37.50 0.10 0.00	34.28 0.12 0.00	36.97 -0.23 0.00	29.03 -0.23 0.00	26.32 -0.19 0.00	33.58 -0.19 0.00	37.96 -0.13 0.00	42.18 0.25 0.00	45.33 0.83 0.00	41.11 1.10 0.00	52.36 1.85 0.00	54.21 1.59 0.00	64.91 1.61 0.00	69.06 1.26 0.00	68.06 1.73 0.00	78.70 0.70 0.00	145.00 -0.57 0.00	98.23 -0.34 0.00	67.69 0.33 0.00	68.73 0.30 0.00	62.99 0.10 0.00	47.91 0.17 0.00	48.70 0.52 0.00
HOLTSVILLE_IC_1 23690	34.20 2.73 -0.48	42.63 3.29 -1.94	40.50 2.97 -3.37	39.82 2.63 0.00	31.47 2.21 0.00	28.80 2.29 0.00	36.59 2.83 0.00	41.26 3.17 0.00	45.19 3.26 0.00	47.96 3.46 0.00	43.14 3.13 0.00	53.85 3.34 -25.82	83.17 4.73 -56.69	125.88 5.88 -40.91	115.34 6.62 -66.59	140.10 7.18 -104.08	190.94 8.87 -96.43	257.08 15.07 -25.98	134.03 9.48 -39.31	112.93 6.25 -28.25	102.53 5.85 -9.51	77.43 5.03 -4.23	56.15 4.19 -9.60	62.02 4.24 -9.60
HOLTSVILLE_IC_10 23699	34.42 2.96 -0.48	42.89 3.55 -1.94	40.73 3.20 -3.37	40.05 2.86 0.00	31.65 2.39 0.00	28.98 2.47 0.00	36.82 3.06 0.00	41.52 3.44 0.00	45.49 3.56 0.00	48.30 3.80 0.00	43.48 3.47 0.00	54.30 3.80 -27.85	85.72 5.25 -61.13	130.96 6.52 -44.12	119.24 7.31 -71.82	146.02 7.88 -112.24	199.91 9.67 -115.65	277.64 16.41 -31.06	140.08 10.46 -42.40	116.68 6.92 -30.91	105.84 6.50 -9.51	78.00 5.60 -4.28	56.60 4.58 -9.65	62.42 4.59 -9.65
HOLTSVILLE_IC_2 23691	34.20 2.73 -0.48	42.63 3.29 -1.94	40.50 2.97 -3.37	39.82 2.63 0.00	31.47 2.21 0.00	28.80 2.29 0.00	36.59 2.83 0.00	41.26 3.17 0.00	45.19 3.26 0.00	47.96 3.46 0.00	43.14 3.13 0.00	53.85 3.34 -25.82	83.17 4.73 -56.69	125.88 5.88 -40.91	115.34 6.62 -66.59	140.10 7.18 -104.08	190.94 8.87 -96.43	257.08 15.07 -25.98	134.03 9.48 -39.31	112.93 6.25 -28.25	102.53 5.85 -9.51	77.43 5.03 -4.23	56.15 4.19 -9.60	62.02 4.24 -9.60
HOLTSVILLE_IC_3 23692	34.20 2.73 -0.48	42.63 3.29 -1.94	40.50 2.97 -3.37	39.82 2.63 0.00	31.47 2.21 0.00	28.80 2.29 0.00	36.59 2.83 0.00	41.26 3.17 0.00	45.19 3.26 0.00	47.96 3.46 0.00	43.14 3.13 0.00	53.85 3.34 -25.82	83.17 4.73 -56.69	125.88 5.88 -40.91	115.34 6.62 -66.59	140.10 7.18 -104.08	190.94 8.87 -96.43	257.08 15.07 -25.98	134.03 9.48 -39.31	112.93 6.25 -28.25	102.53 5.85 -9.51	77.43 5.03 -4.23	56.15 4.19 -9.60	62.02 4.24 -9.60
HOLTSVILLE_IC_4 23693	34.20 2.73 -0.48	42.63 3.29 -1.94	40.50 2.97 -3.37	39.82 2.63 0.00	31.47 2.21 0.00	28.80 2.29 0.00	36.59 2.83 0.00	41.26 3.17 0.00	45.19 3.26 0.00	47.96 3.46 0.00	43.14 3.13 0.00	53.85 3.34 -25.82	83.17 4.73 -56.69	125.88 5.88 -40.91	115.34 6.62 -66.59	140.10 7.18 -104.08	190.94 8.87 -96.43	257.08 15.07 -25.98	134.03 9.48 -39.31	112.93 6.25 -28.25	102.53 5.85 -9.51	77.43 5.03 -4.23	56.15 4.19 -9.60	62.02 4.24 -9.60
HOLTSVILLE_IC_5 23694	34.20 2.73 -0.48	42.63 3.29 -1.94	40.50 2.97 -3.37	39.82 2.63 0.00	31.47 2.21 0.00	28.80 2.29 0.00	36.59 2.83 0.00	41.26 3.17 0.00	45.19 3.26 0.00	47.96 3.46 0.00	43.14 3.13 0.00	53.85 3.34 -25.82	83.17 4.73 -56.69	125.88 5.88 -40.91	115.34 6.62 -66.59	140.10 7.18 -104.08	190.94 8.87 -96.43	257.08 15.07 -25.98	134.03 9.48 -39.31	112.93 6.25 -28.25	102.53 5.85 -9.51	77.43 5.03 -4.23	56.15 4.19 -9.60	62.02 4.24 -9.60
HOLTSVILLE_IC_6 23695	34.42 2.96 -0.48	42.89 3.55 -1.94	40.73 3.20 -3.37	40.05 2.86 0.00	31.65 2.39 0.00	28.98 2.47 0.00	36.82 3.06 0.00	41.52 3.44 0.00	45.49 3.56 0.00	48.30 3.80 0.00	43.48 3.47 0.00	54.30 3.80 -27.85	85.72 5.25 -61.13	130.96 6.52 -44.12	119.24 7.31 -71.82	146.02 7.88 -112.24	199.91 9.67 -115.65	277.64 16.41 -31.06	140.08 10.46 -42.40	116.68 6.92 -30.91	105.84 6.50 -9.51	78.00 5.60 -4.28	56.60 4.58 -9.65	62.42 4.59 -9.65
HOLTSVILLE_IC_7 23696	34.42 2.96 -0.48	42.89 3.55 -1.94	40.73 3.20 -3.37	40.05 2.86 0.00	31.65 2.39 0.00	28.98 2.47 0.00	36.82 3.06 0.00	41.52 3.44 0.00	45.49 3.56 0.00	48.30 3.80 0.00	43.48 3.47 0.00	54.30 3.80 -27.85	85.72 5.25 -61.13	130.96 6.52 -44.12	119.24 7.31 -71.82	146.02 7.88 -112.24	199.91 9.67 -115.65	277.64 16.41 -31.06	140.08 10.46 -42.40	116.68 6.92 -30.91	105.84 6.50 -9.51	78.00 5.60 -4.28	56.60 4.58 -9.65	62.42 4.59 -9.65
HOLTSVILLE_IC_8 23697	34.42 2.96 -0.48	42.89 3.55 -1.94	40.73 3.20 -3.37	40.05 2.86 0.00	31.65 2.39 0.00	28.98 2.47 0.00	36.82 3.06 0.00	41.52 3.44 0.00	45.49 3.56 0.00	48.30 3.80 0.00	43.48 3.47 0.00	54.30 3.80 -27.85	85.72 5.25 -61.13	130.96 6.52 -44.12	119.24 7.31 -71.82	146.02 7.88 -112.24	199.91 9.67 -115.65	277.64 16.41 -31.06	140.08 10.46 -42.40	116.68 6.92 -30.91	105.84 6.50 -9.51	78.00 5.60 -4.28	56.60 4.58 -9.65	62.42 4.59 -9.65
HOLTSVILLE_IC_9 23698	34.42 2.96 -0.48	42.89 3.55 -1.94	40.73 3.20 -3.37	40.05 2.86 0.00	31.65 2.39 0.00	28.98 2.47 0.00	36.82 3.06 0.00	41.52 3.44 0.00	45.49 3.56 0.00	48.30 3.80 0.00	43.48 3.47 0.00	54.30 3.80 -27.85	85.72 5.25 -61.13	130.96 6.52 -44.12	119.24 7.31 -71.82	146.02 7.88 -112.24	199.91 9.67 -115.65	277.64 16.41 -31.06	140.08 10.46 -42.40	116.68 6.92 -30.91	105.84 6.50 -9.51	78.00 5.60 -4.28	56.60 4.58 -9.65	62.42 4.59 -9.65
HOMER_HL_115KV_TB2 355744	31.32 0.34 0.00	37.56 0.16 0.00	34.31 0.15 0.00	36.97 -0.22 0.00	28.99 -0.27 0.00	26.40 -0.11 0.00	33.81 0.04 0.00	38.33 0.25 0.00	42.44 0.51 0.00	45.52 1.02 0.00	40.93 0.92 0.00	51.82 1.32 0.00	53.77 1.15 0.00	64.64 1.34 0.00	68.82 1.01 0.00	67.83 1.50 0.00	78.66 0.67 0.00	145.10 -0.48 0.00	97.97 -0.60 0.00	67.12 -0.24 0.00	68.30 -0.13 0.00	62.78 -0.11 0.00	47.78 0.04 0.00	48.49 0.31 0.00
HOWARD_WT_PWR 323690	31.94 0.96 0.00	38.38 0.95 -0.02	35.01 0.85 0.00	37.73 0.54 0.00	29.54 0.28 0.00	26.81 0.30 0.00	34.28 0.52 0.00	38.88 0.77 -0.03	43.14 1.21 0.00	46.36 1.86 0.00	41.93 1.92 0.00	53.06 2.56 0.00	55.09 2.47 0.00	66.00 2.70 0.00	70.49 2.68 0.00	69.34 3.01 0.00	80.44 2.44 0.00	148.90 3.33 0.00	100.92 2.36 0.00	69.77 2.41 0.00	70.91 2.48 0.00	65.09 2.20 0.00	49.37 1.64 0.00	49.98 1.79 0.00

HQ_GEN_CEDARS 23644	29.90 -1.09 0.00	35.88 -1.52 0.00	32.96 -1.19 0.00	36.11 -1.08 0.00	28.35 -0.91 0.00	25.50 -1.01 0.00	32.66 -1.10 0.00	36.81 -1.27 0.00	40.44 -1.49 0.00	42.85 -1.66 0.00	38.48 -1.53 0.00	48.89 -1.61 0.00	50.50 -2.12 0.00	60.30 -3.01 0.00	64.27 -3.54 0.00	62.07 -3.98 0.28	48.58 -4.47 24.94	125.79 -7.31 12.47	94.07 -4.50 0.00	64.49 -2.87 0.00	65.64 -2.79 0.00	60.54 -2.36 0.00	46.04 -1.70 0.00	46.68 -1.50 0.00
HQ_GEN_CEDARS_PROXY 323590	29.90 -1.09 0.00	35.88 -1.52 0.00	32.96 -1.19 0.00	36.11 -1.08 0.00	28.35 -0.91 0.00	25.50 -1.01 0.00	31.20 -1.10 1.47	37.43 -1.27 -0.62	40.44 -1.48 0.00	42.85 -1.65 0.00	38.48 -1.53 0.00	48.89 -1.61 0.00	50.50 -2.12 0.00	60.30 -3.00 0.00	64.26 -3.54 0.00	62.07 -3.98 0.28	48.58 -4.47 24.94	125.79 -7.32 12.47	94.07 -4.50 0.00	64.49 -2.87 0.00	65.64 -2.79 0.00	60.54 -2.36 0.00	46.04 -1.70 0.00	46.68 -1.50 0.00
HQ_GEN_IMPORT 323601	37.55 -0.67 -7.24	36.47 -0.93 0.00	33.41 -0.75 0.00	36.57 -0.62 0.00	28.76 -0.50 0.00	25.90 -0.61 0.00	35.12 -0.69 -2.05	37.29 -0.80 -0.01	41.03 -0.90 0.00	43.51 -0.99 0.00	39.08 -0.91 0.02	50.72 -1.00 -1.22	51.35 -1.27 0.00	61.59 -1.71 0.00	65.82 -1.99 0.00	64.07 -2.19 0.07	69.47 -2.56 5.96	138.21 -4.38 2.98	95.90 -2.67 0.00	65.63 -1.73 0.00	66.72 -1.71 0.00	61.41 -1.48 0.00	46.64 -1.10 0.00	46.51 -0.97 0.70
HQ_GEN_WHEEL 23651	37.55 -0.67 -7.24	36.47 -0.93 0.00	33.41 -0.75 0.00	36.57 -0.62 0.00	28.76 -0.50 0.00	25.90 -0.61 0.00	35.12 -0.69 -2.05	37.29 -0.80 -0.01	41.03 -0.90 0.00	43.51 -0.99 0.00	39.08 -0.91 0.02	50.72 -1.00 -1.22	51.35 -1.27 0.00	61.59 -1.71 0.00	65.82 -1.99 0.00	64.07 -2.19 0.07	69.47 -2.56 5.96	138.21 -4.38 2.98	95.90 -2.67 0.00	65.63 -1.73 0.00	66.72 -1.71 0.00	61.41 -1.48 0.00	46.64 -1.10 0.00	46.51 -0.97 0.70
HUDSON AVE_GT_3 23810	33.45 2.47 0.00	40.21 2.81 0.00	36.62 2.46 0.00	39.41 2.22 0.00	31.17 1.90 0.00	28.53 2.02 0.00	36.28 2.52 0.00	41.11 3.02 0.00	45.38 3.45 0.00	48.33 3.83 0.00	43.35 3.34 0.00	54.27 3.77 0.00	57.21 4.59 0.00	69.06 5.75 0.00	74.35 6.54 0.00	73.33 7.00 0.00	86.41 8.42 0.00	159.91 14.33 0.00	109.22 8.80 -1.86	73.11 5.74 0.00	75.63 5.34 -1.86	76.40 4.83 -8.68	51.61 3.87 0.00	51.95 3.77 0.00
HUDSON AVE_GT_4 23540	33.45 2.47 0.00	40.21 2.81 0.00	36.62 2.46 0.00	39.41 2.22 0.00	31.17 1.90 0.00	28.53 2.02 0.00	36.28 2.52 0.00	41.11 3.02 0.00	45.38 3.45 0.00	48.33 3.83 0.00	43.35 3.34 0.00	54.27 3.77 0.00	57.21 4.59 0.00	69.06 5.75 0.00	74.35 6.54 0.00	73.33 7.00 0.00	86.41 8.42 0.00	159.91 14.33 0.00	109.22 8.80 -1.86	73.11 5.74 0.00	75.63 5.34 -1.86	76.40 4.83 -8.68	51.61 3.87 0.00	51.95 3.77 0.00
HUDSON AVE_GT_5 23657	33.45 2.47 0.00	40.21 2.81 0.00	36.62 2.46 0.00	39.41 2.22 0.00	31.17 1.90 0.00	28.53 2.02 0.00	36.28 2.52 0.00	41.11 3.02 0.00	45.38 3.45 0.00	48.33 3.83 0.00	43.35 3.34 0.00	54.27 3.77 0.00	57.21 4.59 0.00	69.06 5.75 0.00	74.35 6.54 0.00	73.33 7.00 0.00	86.41 8.42 0.00	159.91 14.33 0.00	109.22 8.80 -1.86	73.11 5.74 0.00	75.63 5.34 -1.86	76.40 4.83 -8.68	51.61 3.87 0.00	51.95 3.77 0.00
HUDSON_AVE_10 24168	33.37 2.39 0.00	40.10 2.70 0.00	36.53 2.37 0.00	39.32 2.13 0.00	31.08 1.82 0.00	28.46 1.95 0.00	36.20 2.43 0.00	41.02 2.94 0.00	45.29 3.36 0.00	48.23 3.73 0.00	43.24 3.22 0.00	54.15 3.65 0.00	57.08 4.45 0.00	68.90 5.60 0.00	74.15 6.35 0.00	73.12 6.79 0.00	86.19 8.19 0.00	159.48 13.90 0.00	108.93 8.50 -1.86	72.90 5.54 0.00	75.45 5.16 -1.86	76.23 4.65 -8.68	51.43 3.70 0.00	51.80 3.62 0.00
HUDSON___115KV_TB 4 355613	32.55 1.56 0.00	39.45 2.05 0.00	35.94 1.78 0.00	38.90 1.71 0.00	30.66 1.39 0.00	27.92 1.41 0.00	35.48 1.72 0.00	40.23 2.15 0.00	44.31 2.38 0.00	46.30 1.80 0.00	41.33 1.32 0.00	51.81 1.30 0.00	54.09 1.47 0.00	65.43 2.12 0.00	70.29 2.48 0.00	66.45 2.72 2.61	81.88 3.89 0.00	153.43 7.85 0.00	113.13 5.54 -9.02	71.52 4.15 0.00	81.65 4.20 -9.02	108.52 3.57 -42.05	50.40 2.67 0.00	50.78 2.60 0.00
HUNTER MOUNT___DRP 323613	32.78 1.79 0.00	39.76 2.36 0.00	36.21 2.06 0.00	39.22 2.03 0.00	30.90 1.64 0.00	28.13 1.62 0.00	35.76 2.00 0.00	40.57 2.49 0.00	44.67 2.74 0.00	46.55 2.05 0.00	41.48 1.47 0.00	51.97 1.47 0.00	54.19 1.57 0.00	65.58 2.28 0.00	70.49 2.68 0.00	65.43 2.86 3.75	82.04 4.05 0.00	154.31 8.73 0.00	112.64 6.50 -7.57	72.21 4.84 0.00	80.94 4.93 -7.57	102.32 4.11 -35.31	50.77 3.04 0.00	51.19 3.01 0.00
HUNTINGTON_RES_REC 323705	34.08 2.62 -0.48	42.52 3.18 -1.94	40.41 2.88 -3.37	39.73 2.54 0.00	31.39 2.12 0.00	28.72 2.21 0.00	36.49 2.73 0.00	41.10 3.02 0.00	44.98 3.05 0.00	47.81 3.31 0.00	43.08 3.07 0.00	53.86 3.36 0.00	122.77 4.75 -65.41	212.80 5.91 -143.59	178.12 6.69 -103.63	242.31 7.31 -168.68	346.75 9.10 -259.66	519.34 15.75 -358.02	200.13 9.72 -91.84	173.23 6.28 -99.59	147.66 5.83 -73.41	77.51 5.09 -9.52	56.18 4.15 -4.29	61.99 4.16 -9.65
HUNTLEY___63 23557	31.26 0.28 0.00	37.40 0.00 0.00	34.20 0.05 0.00	36.88 -0.31 0.00	28.97 -0.29 0.00	26.26 -0.25 0.00	33.54 -0.22 0.00	37.75 -0.33 0.00	41.95 0.02 0.00	45.01 0.51 0.00	40.82 0.81 0.00	52.22 1.72 0.00	53.95 1.33 0.00	64.66 1.36 0.00	68.74 0.93 0.00	67.70 1.37 0.00	77.91 -0.08 0.00	143.64 -1.94 0.00	97.14 -1.43 0.00	66.99 -0.37 0.00	67.91 -0.52 0.00	62.11 -0.79 0.00	47.32 -0.42 0.00	48.35 0.17 0.00
HUNTLEY___64 23558	31.26 0.28 0.00	37.40 0.00 0.00	34.20 0.05 0.00	36.88 -0.31 0.00	28.97 -0.29 0.00	26.26 -0.25 0.00	33.54 -0.22 0.00	37.75 -0.33 0.00	41.95 0.02 0.00	45.01 0.51 0.00	40.82 0.81 0.00	52.22 1.72 0.00	53.95 1.33 0.00	64.66 1.36 0.00	68.74 0.93 0.00	67.70 1.37 0.00	77.91 -0.08 0.00	143.64 -1.94 0.00	97.14 -1.43 0.00	66.99 -0.37 0.00	67.91 -0.52 0.00	62.11 -0.79 0.00	47.32 -0.42 0.00	48.35 0.17 0.00
HUNTLEY___65 23559	31.26 0.28 0.00	37.40 0.00 0.00	34.20 0.05 0.00	36.88 -0.31 0.00	28.97 -0.29 0.00	26.26 -0.25 0.00	33.54 -0.22 0.00	37.75 -0.33 0.00	41.95 0.02 0.00	45.01 0.51 0.00	40.82 0.81 0.00	52.22 1.72 0.00	53.95 1.33 0.00	64.66 1.36 0.00	68.74 0.93 0.00	67.70 1.37 0.00	77.91 -0.08 0.00	143.64 -1.94 0.00	97.14 -1.43 0.00	66.99 -0.37 0.00	67.91 -0.52 0.00	62.11 -0.79 0.00	47.32 -0.42 0.00	48.35 0.17 0.00
HUNTLEY___66 23560	31.26 0.28 0.00	37.40 0.00 0.00	34.20 0.05 0.00	36.88 -0.31 0.00	28.97 -0.29 0.00	26.26 -0.25 0.00	33.54 -0.22 0.00	37.75 -0.33 0.00	41.95 0.02 0.00	45.01 0.51 0.00	40.82 0.81 0.00	52.22 1.72 0.00	53.95 1.33 0.00	64.66 1.36 0.00	68.74 0.93 0.00	67.70 1.37 0.00	77.91 -0.08 0.00	143.64 -1.94 0.00	97.14 -1.43 0.00	66.99 -0.37 0.00	67.91 -0.52 0.00	62.11 -0.79 0.00	47.32 -0.42 0.00	48.35 0.17 0.00



HUNTLEY___67 23561	31.00 0.01 0.00	37.08 -0.32 0.00	33.93 -0.23 0.00	36.59 -0.60 0.00	28.75 -0.52 0.00	26.06 -0.45 0.00	33.27 -0.49 0.00	37.52 -0.56 0.00	41.73 -0.20 0.00	44.81 0.31 0.00	40.68 0.67 0.00	52.00 1.49 0.00	53.74 1.12 0.00	64.37 1.06 0.00	68.40 0.59 0.00	67.39 1.06 0.00	77.70 -0.30 0.00	143.39 -2.18 0.00	96.92 -1.65 0.00	66.78 -0.58 0.00	67.69 -0.74 0.00	61.92 -0.97 0.00	47.19 -0.55 0.00	48.08 -0.11 0.00
HUNTLEY___68 23562	31.00 0.01 0.00	37.08 -0.32 0.00	33.93 -0.23 0.00	36.59 -0.60 0.00	28.75 -0.52 0.00	26.06 -0.45 0.00	33.27 -0.49 0.00	37.52 -0.56 0.00	41.73 -0.20 0.00	44.81 0.31 0.00	40.68 0.67 0.00	52.00 1.49 0.00	53.74 1.12 0.00	64.37 1.06 0.00	68.40 0.59 0.00	67.39 1.06 0.00	77.70 -0.30 0.00	143.39 -2.18 0.00	96.92 -1.65 0.00	66.78 -0.58 0.00	67.69 -0.74 0.00	61.92 -0.97 0.00	47.19 -0.55 0.00	48.08 -0.11 0.00
HYLAND___LFGE 323620	32.87 1.88 0.00	39.56 2.16 0.00	36.05 1.89 0.00	38.90 1.71 0.00	30.52 1.26 0.00	27.76 1.25 0.00	35.55 1.79 0.00	40.02 1.94 0.00	43.21 1.28 0.00	45.92 1.42 0.00	41.18 1.17 0.00	52.31 1.80 0.00	54.27 1.65 0.00	63.61 0.30 0.00	64.08 -3.73 0.00	63.94 -2.39 0.00	74.15 -3.84 0.00	137.47 -8.10 0.00	94.06 -4.51 0.00	65.29 -2.07 0.00	66.32 -2.11 0.00	61.41 -1.48 0.00	49.86 2.12 0.00	50.39 2.20 0.00
INDECK___CORINTH 23802	32.76 1.78 0.00	39.71 2.31 0.00	36.19 2.03 0.00	39.20 2.01 0.00	30.88 1.62 0.00	28.16 1.65 0.00	35.83 2.07 0.00	40.55 2.47 0.00	44.63 2.70 0.00	47.07 2.57 0.00	41.99 1.98 0.00	53.00 2.50 0.00	55.31 2.69 0.00	66.85 3.54 0.00	71.90 4.09 0.00	70.73 4.40 0.00	83.29 5.30 0.00	156.89 11.31 0.00	127.92 8.30 -21.05	73.03 5.66 -0.01	95.20 5.72 -21.05	165.88 4.86 -98.12	50.96 3.23 0.00	51.05 2.87 0.00
INDECK___ILION 23567	32.02 1.03 0.00	38.77 1.36 0.00	35.33 1.17 0.00	38.29 1.10 0.00	30.12 0.86 0.00	27.44 0.93 0.00	34.77 1.01 0.00	38.88 0.80 0.00	42.76 0.84 0.00	45.26 0.76 0.00	40.62 0.61 0.00	50.98 0.47 0.00	53.35 0.73 0.00	64.38 1.08 0.00	69.25 1.45 0.00	68.14 1.69 -0.12	81.20 1.91 -1.30	150.47 4.24 -0.65	101.36 2.79 0.00	69.41 2.04 0.00	70.56 2.13 0.00	64.80 1.90 0.00	49.11 1.37 0.00	49.40 1.22 0.00
INDECK___OLEAN 23982	31.32 0.34 0.00	37.56 0.16 0.00	34.30 0.14 0.00	36.98 -0.21 0.00	28.99 -0.27 0.00	26.40 -0.11 0.00	33.80 0.04 0.00	38.33 0.25 0.00	42.43 0.50 0.00	45.52 1.02 0.00	40.93 0.91 0.00	51.82 1.32 0.00	53.77 1.15 0.00	64.64 1.34 0.00	68.82 1.01 0.00	67.80 1.47 0.00	78.64 0.65 0.00	145.08 -0.50 0.00	98.00 -0.57 0.00	67.13 -0.24 0.00	68.30 -0.13 0.00	62.78 -0.12 0.00	47.77 0.03 0.00	48.48 0.30 0.00
INDECK___OSWEGO 23783	30.51 -0.52 -0.04	37.12 -0.57 -0.29	33.61 -0.57 -0.02	36.59 -0.60 0.00	28.75 -0.52 0.00	26.07 -0.44 0.00	33.17 -0.59 0.00	37.67 -0.80 -0.39	40.97 -0.96 0.00	43.56 -0.94 0.00	39.21 -0.80 0.00	49.56 -0.95 0.00	51.62 -1.00 0.00	62.01 -1.30 0.00	66.38 -1.43 0.00	64.77 -1.42 0.14	76.39 -1.61 0.00	142.37 -3.20 0.00	96.44 -2.13 0.00	65.83 -1.53 0.00	66.90 -1.53 0.00	61.44 -1.45 0.00	46.49 -1.25 0.00	46.84 -1.34 0.00
INDECK___YERKES 23781	31.29 0.31 0.00	37.44 0.04 0.00	34.23 0.08 0.00	36.93 -0.26 0.00	29.00 -0.26 0.00	26.29 -0.22 0.00	33.58 -0.19 0.00	37.79 -0.29 0.00	41.98 0.05 0.00	45.04 0.54 0.00	40.83 0.81 0.00	52.22 1.72 0.00	53.94 1.32 0.00	64.67 1.36 0.00	68.73 0.92 0.00	67.66 1.33 0.00	77.89 -0.10 0.00	143.62 -1.96 0.00	97.17 -1.40 0.00	66.99 -0.37 0.00	67.92 -0.51 0.00	62.11 -0.79 0.00	47.31 -0.43 0.00	48.39 0.20 0.00
INDIAN POINT_GT_1 24139	33.04 2.06 0.00	39.79 2.39 0.00	36.23 2.07 0.00	39.03 1.84 0.00	30.83 1.57 0.00	28.19 1.68 0.00	35.83 2.07 0.00	40.57 2.48 0.00	44.76 2.83 0.00	47.63 3.13 0.00	42.76 2.75 0.00	53.62 3.12 0.00	56.49 3.87 0.00	68.20 4.90 0.00	73.39 5.58 0.00	72.33 6.01 0.00	85.33 7.34 0.00	158.20 12.63 0.00	108.20 7.80 -1.84	72.37 5.01 0.00	74.95 4.68 -1.84	75.68 4.23 -8.56	51.05 3.32 0.00	51.43 3.25 0.00
INDIAN POINT_GT_2 23659	33.04 2.06 0.00	39.79 2.39 0.00	36.23 2.07 0.00	39.03 1.84 0.00	30.83 1.57 0.00	28.19 1.68 0.00	35.83 2.07 0.00	40.57 2.48 0.00	44.76 2.83 0.00	47.63 3.13 0.00	42.76 2.75 0.00	53.62 3.12 0.00	56.49 3.87 0.00	68.20 4.90 0.00	73.39 5.58 0.00	72.33 6.01 0.00	85.33 7.34 0.00	158.20 12.63 0.00	108.20 7.80 -1.84	72.37 5.01 0.00	74.95 4.68 -1.84	75.68 4.23 -8.56	51.05 3.32 0.00	51.43 3.25 0.00
INDIAN POINT_GT_3 24019	33.04 2.06 0.00	39.79 2.39 0.00	36.23 2.07 0.00	39.03 1.84 0.00	30.83 1.57 0.00	28.19 1.68 0.00	35.83 2.07 0.00	40.57 2.48 0.00	44.76 2.83 0.00	47.63 3.13 0.00	42.76 2.75 0.00	53.62 3.12 0.00	56.49 3.87 0.00	68.20 4.90 0.00	73.39 5.58 0.00	72.33 6.01 0.00	85.33 7.34 0.00	158.20 12.63 0.00	108.20 7.80 -1.84	72.37 5.01 0.00	74.95 4.68 -1.84	75.68 4.23 -8.56	51.05 3.32 0.00	51.43 3.25 0.00
INDIAN POINT___2 23530	33.00 2.02 0.00	39.73 2.33 0.00	36.17 2.01 0.00	38.97 1.77 0.00	30.79 1.52 0.00	28.15 1.63 0.00	35.78 2.01 0.00	40.49 2.41 0.00	44.68 2.75 0.00	47.56 3.06 0.00	42.70 2.69 0.00	53.54 3.04 0.00	56.41 3.79 0.00	68.11 4.80 0.00	73.28 5.47 0.00	72.24 5.91 0.00	85.18 7.19 0.00	157.92 12.34 0.00	107.99 7.62 -1.80	72.24 4.88 0.00	74.76 4.53 -1.80	75.39 4.11 -8.39	50.94 3.21 0.00	51.34 3.16 0.00
INDIAN POINT___3 23531	32.99 2.00 0.00	39.74 2.34 0.00	36.18 2.02 0.00	38.98 1.79 0.00	30.80 1.54 0.00	28.15 1.64 0.00	35.79 2.03 0.00	40.50 2.42 0.00	44.69 2.76 0.00	47.54 3.04 0.00	42.68 2.67 0.00	53.52 3.02 0.00	56.38 3.76 0.00	68.07 4.77 0.00	73.23 5.42 0.00	72.17 5.84 0.00	85.11 7.12 0.00	157.87 12.29 0.00	108.00 7.59 -1.84	72.22 4.86 0.00	74.80 4.53 -1.84	75.55 4.09 -8.57	50.94 3.20 0.00	51.32 3.14 0.00
INGHAM_C_115KV_TB7 356103	32.95 1.96 0.00	40.00 2.61 0.00	36.40 2.24 0.00	39.30 2.11 0.00	30.90 1.64 0.00	28.27 1.76 0.00	35.62 1.86 0.00	39.34 1.26 0.00	43.22 1.29 0.00	45.53 1.03 0.00	40.76 0.75 0.00	50.77 0.27 0.00	53.36 0.74 0.00	64.58 1.27 0.00	69.82 2.02 0.00	69.00 2.55 -0.12	82.06 2.77 -1.30	153.05 6.82 -0.65	103.12 4.56 0.00	70.85 3.49 0.00	72.14 3.71 0.00	66.22 3.33 0.00	50.10 2.37 0.00	50.27 2.09 0.00
IP CORINTH___1 23988	32.95 1.96 0.00	39.93 2.53 0.00	36.39 2.23 0.00	39.42 2.23 0.00	31.05 1.79 0.00	28.31 1.80 0.00	36.03 2.27 0.00	40.78 2.70 0.00	44.88 2.95 0.00	47.34 2.84 0.00	42.24 2.23 0.00	53.31 2.80 0.00	55.62 3.00 0.00	67.22 3.92 0.00	72.31 4.50 0.00	71.13 4.80 0.00	83.76 5.77 0.00	157.72 12.14 0.00	128.49 8.87 -21.05	73.43 6.06 -0.01	95.61 6.13 -21.05	166.25 5.24 -98.12	51.24 3.51 0.00	51.33 3.15 0.00

IP__TICONDEROGA 23804	34.61 3.62 0.00	42.22 4.82 0.00	38.59 4.43 0.00	41.86 4.67 0.00	32.96 3.70 0.00	30.16 3.65 0.00	38.41 4.64 0.00	43.46 5.38 0.00	47.60 5.67 0.00	49.64 5.14 0.00	44.30 4.29 0.00	56.36 5.86 0.00	58.43 5.81 0.00	71.55 8.24 0.00	75.93 8.12 0.00	74.98 8.65 0.00	88.79 10.79 0.00	167.23 21.65 0.00	134.33 14.89 -20.87	77.35 9.99 -0.01	98.86 9.56 -20.87	168.21 8.03 -97.28	52.64 4.90 0.00	52.83 4.65 0.00
ISLIP_RES_REC 323679	34.63 3.17 -0.48	43.13 3.79 -1.94	40.94 3.41 -3.37	40.27 3.08 0.00	31.82 2.56 0.00	29.13 2.62 0.00	37.05 3.29 0.00	41.79 3.71 0.00	45.82 3.89 0.00	48.67 4.17 0.00	43.85 3.84 0.00	54.78 4.28 0.00	83.76 5.78 -25.36	126.13 7.15 -55.67	115.98 8.00 -40.18	140.27 8.54 -65.40	191.09 10.48 -102.62	268.53 18.00 -104.96	138.31 11.42 -28.32	113.53 7.55 -38.61	103.83 7.10 -28.29	78.55 6.15 -9.51	57.02 4.95 -4.33	62.82 4.95 -9.68
JAMAICA__27_KV_LOAD 355505	33.76 2.78 0.00	40.47 3.07 0.00	36.89 2.74 0.00	39.70 2.51 0.00	31.39 2.13 0.00	28.73 2.22 0.00	36.56 2.79 0.00	41.45 3.37 0.00	45.78 3.85 0.00	48.80 4.30 0.00	43.69 3.68 0.00	54.82 4.31 0.00	57.74 5.12 0.00	69.76 6.45 0.00	74.88 7.07 0.00	73.84 7.51 0.00	87.13 9.14 0.00	161.21 15.63 0.00	110.04 9.61 -1.86	73.67 6.30 0.00	76.32 6.03 -1.86	77.03 5.46 -8.68	51.93 4.19 0.00	52.32 4.14 0.00
JANIS__SOLAR 323808	32.86 1.87 -0.01	39.56 2.11 -0.05	35.91 1.75 0.00	38.92 1.74 0.00	30.53 1.27 0.00	27.85 1.34 0.00	35.48 1.72 0.00	40.31 2.16 -0.07	44.18 2.25 0.00	46.90 2.39 0.00	42.34 2.33 0.00	53.48 2.97 0.00	55.48 2.86 0.00	67.03 3.72 0.00	72.12 4.31 0.00	70.56 4.24 0.00	83.19 5.20 0.00	155.70 10.12 0.00	106.77 7.27 -0.93	72.80 5.43 0.00	75.31 5.94 -0.93	72.62 5.38 -4.35	51.46 3.72 0.00	51.64 3.46 0.00
JARVIS____ 23743	31.29 0.31 0.00	37.84 0.44 0.00	34.53 0.37 0.00	37.52 0.33 0.00	29.53 0.26 0.00	26.80 0.29 0.00	34.10 0.34 0.00	38.44 0.36 0.00	42.31 0.38 0.00	44.90 0.40 0.00	40.37 0.36 0.00	50.87 0.37 0.00	53.09 0.46 0.00	63.93 0.63 0.00	68.55 0.74 0.00	67.24 0.79 -0.12	80.20 0.91 -1.30	147.93 1.70 -0.65	99.65 1.09 0.00	68.06 0.70 0.00	69.14 0.71 0.00	63.54 0.65 0.00	48.22 0.49 0.00	48.63 0.45 0.00
JENNISON__1 23625	32.90 1.91 0.00	39.61 2.18 -0.04	35.81 1.65 0.00	38.76 1.57 0.00	30.30 1.03 0.00	27.84 1.33 0.00	35.43 1.66 0.00	40.31 2.19 -0.05	44.62 2.69 0.00	47.59 3.09 0.00	43.00 2.99 0.00	54.36 3.86 0.00	56.61 3.99 0.00	68.02 4.71 0.00	73.03 5.23 0.00	71.68 5.36 0.00	84.25 6.26 0.00	157.72 12.15 0.00	108.13 8.04 -1.52	72.62 5.26 0.00	75.96 6.00 -1.52	75.50 5.51 -7.10	51.62 3.88 0.00	51.82 3.64 0.00
JENNISON__2 23626	32.90 1.91 0.00	39.61 2.18 -0.04	35.81 1.65 0.00	38.76 1.57 0.00	30.30 1.03 0.00	27.84 1.33 0.00	35.43 1.66 0.00	40.31 2.19 -0.05	44.62 2.69 0.00	47.59 3.09 0.00	43.00 2.99 0.00	54.36 3.86 0.00	56.61 3.99 0.00	68.02 4.71 0.00	73.03 5.23 0.00	71.68 5.36 0.00	84.25 6.26 0.00	157.72 12.15 0.00	108.13 8.04 -1.52	72.62 5.26 0.00	75.96 6.00 -1.52	75.50 5.51 -7.10	51.62 3.88 0.00	51.82 3.64 0.00
JERICO_RISE_WT_PWR 323719	30.26 -0.72 0.00	36.27 -1.13 0.00	33.32 -0.84 0.00	36.41 -0.78 0.00	28.71 -0.56 0.00	25.91 -0.60 0.00	33.14 -0.62 0.00	37.41 -0.67 0.00	41.14 -0.79 0.00	43.57 -0.94 0.00	39.10 -0.91 0.00	49.25 -1.26 0.00	50.60 -2.02 0.00	60.58 -2.73 0.00	64.52 -3.29 0.00	61.44 -4.69 0.20	46.48 -5.52 25.99	124.09 -8.49 13.00	93.04 -5.52 0.00	63.81 -3.55 0.00	65.06 -3.37 0.00	59.93 -2.97 0.00	45.92 -1.82 0.00	46.92 -1.26 0.00
KATONAH__115KV_46KV_TB4 355592	33.29 2.31 0.00	40.10 2.70 0.00	36.49 2.34 0.00	39.33 2.14 0.00	31.06 1.79 0.00	28.39 1.88 0.00	36.12 2.36 0.00	40.89 2.81 0.00	45.16 3.22 0.00	48.04 3.54 0.00	43.21 3.19 0.00	54.24 3.74 0.00	57.19 4.57 0.00	69.05 5.75 0.00	74.37 6.56 0.00	73.31 6.98 0.00	86.45 8.46 0.00	160.30 14.72 0.00	109.68 9.21 -1.91	73.36 6.00 0.00	75.96 5.63 -1.91	76.78 5.00 -8.88	51.61 3.87 0.00	51.92 3.74 0.00
KCE_NY_1 323755	32.94 1.95 0.00	39.91 2.51 0.00	36.36 2.21 0.00	39.39 2.20 0.00	31.03 1.77 0.00	28.27 1.76 0.00	35.95 2.19 0.00	40.62 2.54 0.00	44.68 2.74 0.00	47.21 2.71 0.00	42.37 2.36 0.00	53.32 2.82 0.00	55.71 3.09 0.00	67.26 3.96 0.00	72.36 4.55 0.00	71.10 4.77 0.00	83.74 5.74 0.00	157.12 11.54 0.00	127.24 8.06 -20.61	72.85 5.48 -0.01	94.58 5.54 -20.62	163.90 4.91 -96.11	51.25 3.51 0.00	51.40 3.22 0.00
KCE_NY_6_ESR 323823	31.47 0.48 0.00	37.64 0.24 0.00	34.39 0.23 0.00	37.08 -0.11 0.00	29.11 -0.15 0.00	26.41 -0.10 0.00	33.75 -0.01 0.00	38.14 0.05 0.00	42.43 0.50 0.00	45.61 1.11 0.00	41.40 1.39 0.00	52.87 2.36 0.00	54.71 2.09 0.00	65.57 2.26 0.00	69.80 1.99 0.00	68.78 2.45 0.00	79.40 1.41 0.00	146.45 0.87 0.00	98.95 0.39 0.00	68.10 0.74 0.00	69.15 0.72 0.00	63.24 0.34 0.00	48.10 0.37 0.00	48.94 0.76 0.00
KEDC_PORT_JEFF_GT2 24210	34.26 2.80 -0.48	42.74 3.40 -1.94	40.60 3.06 -3.37	39.92 2.73 0.00	31.54 2.27 0.00	28.87 2.36 0.00	36.69 2.92 0.00	41.32 3.24 0.00	45.23 3.31 0.00	48.00 3.50 0.00	43.20 3.19 0.00	53.71 3.21 0.00	88.30 4.63 -31.05	137.24 5.76 -68.17	123.53 6.53 -49.19	153.48 7.07 -80.08	211.39 8.66 -124.74	294.14 14.65 -133.92	143.26 9.16 -35.54	120.68 6.04 -47.28	108.52 5.69 -34.39	77.28 4.88 -9.51	56.04 4.04 -4.26	62.04 4.23 -9.63
KEDC_PORT_JEFF_GT3 24211	34.26 2.80 -0.48	42.74 3.40 -1.94	40.60 3.06 -3.37	39.92 2.73 0.00	31.54 2.27 0.00	28.87 2.36 0.00	36.69 2.92 0.00	41.32 3.24 0.00	45.23 3.31 0.00	48.00 3.50 0.00	43.20 3.19 0.00	53.71 3.21 0.00	88.30 4.63 -31.05	137.24 5.76 -68.17	123.53 6.53 -49.19	153.48 7.07 -80.08	211.39 8.66 -124.74	294.14 14.65 -133.92	143.26 9.16 -35.54	120.68 6.04 -47.28	108.52 5.69 -34.39	77.28 4.88 -9.51	56.04 4.04 -4.26	62.04 4.23 -9.63
KEDC_GLWD_GT4 24219	34.31 2.85 -0.48	42.69 3.35 -1.94	40.50 2.97 -3.37	39.90 2.71 0.00	31.51 2.25 0.00	28.83 2.32 0.00	36.64 2.88 0.00	41.42 3.34 0.00	45.56 3.63 0.00	48.45 3.96 0.00	43.59 3.57 0.00	54.25 3.75 0.00	57.52 4.90 0.00	69.39 6.09 0.00	74.70 6.90 0.00	73.83 7.50 0.00	117.43 9.25 -30.18	169.94 15.91 -8.45	110.23 9.80 -1.86	73.65 6.29 0.00	76.13 5.84 -1.86	77.54 5.14 -9.51	59.45 4.26 -7.45	64.96 4.56 -12.21
KEDC_GLWD_GT5 24220	34.31 2.85 -0.48	42.69 3.35 -1.94	40.50 2.97 -3.37	39.90 2.71 0.00	31.51 2.25 0.00	28.83 2.32 0.00	36.64 2.88 0.00	41.42 3.34 0.00	45.56 3.63 0.00	48.45 3.96 0.00	43.59 3.57 0.00	54.25 3.75 0.00	57.52 4.90 0.00	69.39 6.09 0.00	74.70 6.90 0.00	73.83 7.50 0.00	117.43 9.25 -30.18	169.94 15.91 -8.45	110.23 9.80 -1.86	73.65 6.29 0.00	76.13 5.84 -1.86	77.54 5.14 -9.51	59.45 4.26 -7.45	64.96 4.56 -12.21

KENSICO____ 23655	33.15 2.16 0.00	39.93 2.53 0.00	36.35 2.19 0.00	39.16 1.97 0.00	30.93 1.67 0.00	28.29 1.78 0.00	35.97 2.21 0.00	40.73 2.65 0.00	44.93 3.00 0.00	47.80 3.30 0.00	42.92 2.91 0.00	53.80 3.30 0.00	56.69 4.07 0.00	68.44 5.13 0.00	73.64 5.83 0.00	72.59 6.27 0.00	85.61 7.62 0.00	158.72 13.14 0.00	108.54 8.11 -1.86	72.61 5.24 0.00	75.18 4.89 -1.86	75.96 4.41 -8.66	51.22 3.48 0.00	51.59 3.41 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.24 2.25 0.00	40.01 2.61 0.00	36.40 2.25 0.00	39.25 2.06 0.00	30.97 1.70 0.00	28.28 1.77 0.00	35.99 2.23 0.00	40.74 2.66 0.00	44.93 3.00 0.00	47.91 3.41 0.00	43.06 3.05 0.00	54.18 3.67 0.00	57.06 4.44 0.00	68.45 5.14 0.00	73.96 6.15 0.00	72.32 6.50 0.51	86.19 8.20 0.00	159.93 14.35 0.00	109.92 8.96 -2.39	73.12 5.76 0.00	76.33 5.50 -2.39	79.40 5.36 -11.15	51.72 3.98 0.00	51.88 3.70 0.00
KIAC_JFK_GT1 23816	33.40 2.41 0.00	40.05 2.65 0.00	36.53 2.37 0.00	39.32 2.13 0.00	31.09 1.83 0.00	28.44 1.93 0.00	36.18 2.41 0.00	41.02 2.94 0.00	45.29 3.36 0.00	48.26 3.76 0.00	43.21 3.20 0.00	54.21 3.70 0.00	57.10 4.48 0.00	68.96 5.65 0.00	74.04 6.23 0.00	73.00 6.67 0.00	86.13 8.13 0.00	159.36 13.78 0.00	108.77 8.34 -1.86	72.83 5.47 0.00	75.43 5.14 -1.86	76.22 4.65 -8.68	51.33 3.60 0.00	51.75 3.57 0.00
KIAC_JFK_GT2 23817	33.40 2.41 0.00	40.05 2.65 0.00	36.53 2.37 0.00	39.32 2.13 0.00	31.09 1.83 0.00	28.44 1.93 0.00	36.18 2.41 0.00	41.02 2.94 0.00	45.29 3.36 0.00	48.26 3.76 0.00	43.21 3.20 0.00	54.21 3.70 0.00	57.10 4.48 0.00	68.96 5.65 0.00	74.04 6.23 0.00	73.00 6.67 0.00	86.13 8.13 0.00	159.36 13.78 0.00	108.77 8.34 -1.86	72.83 5.47 0.00	75.43 5.14 -1.86	76.22 4.65 -8.68	51.33 3.60 0.00	51.75 3.57 0.00
KIAC_JFK____ 323774	33.40 2.41 0.00	40.05 2.65 0.00	36.53 2.37 0.00	39.31 2.12 0.00	31.09 1.83 0.00	28.44 1.93 0.00	36.18 2.42 0.00	41.02 2.94 0.00	45.30 3.37 0.00	48.26 3.76 0.00	43.21 3.20 0.00	54.21 3.70 0.00	57.10 4.48 0.00	68.96 5.65 0.00	74.04 6.23 0.00	73.01 6.68 0.00	86.12 8.13 0.00	159.38 13.80 0.00	108.77 8.34 -1.86	72.83 5.47 0.00	75.44 5.14 -1.86	76.22 4.65 -8.68	51.33 3.59 0.00	51.75 3.57 0.00
KINTIGH____ 23543	30.86 -0.13 0.00	36.96 -0.44 0.00	33.82 -0.34 0.00	36.54 -0.65 0.00	28.71 -0.56 0.00	26.03 -0.48 0.00	33.24 -0.53 0.00	37.47 -0.61 0.00	41.61 -0.32 0.00	44.59 0.09 0.00	40.42 0.40 0.00	51.59 1.09 0.00	53.37 0.75 0.00	63.98 0.68 0.00	68.04 0.24 0.00	66.92 0.59 0.00	77.22 -0.77 0.00	142.70 -2.88 0.00	96.51 -2.05 0.00	66.41 -0.95 0.00	67.26 -1.18 0.00	61.72 -1.17 0.00	47.04 -0.70 0.00	47.83 -0.35 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	30.91 -0.07 0.00	37.03 -0.37 0.00	33.95 -0.21 0.00	37.01 -0.18 0.00	29.17 -0.09 0.00	26.44 -0.07 0.00	33.80 0.04 0.00	38.19 0.11 0.00	41.95 0.02 0.00	44.29 -0.21 0.00	39.77 -0.24 0.00	49.76 -0.75 0.00	50.94 -1.68 0.00	60.93 -2.37 0.00	64.93 -2.88 0.00	61.66 -4.50 0.17	46.25 -5.36 26.38	124.67 -7.72 13.19	93.43 -5.14 0.00	64.09 -3.27 0.00	65.35 -3.08 0.00	60.50 -2.40 0.00	46.64 -1.10 0.00	47.83 -0.35 0.00
LACHUTE__HYDRO 323717	34.61 3.62 0.00	42.22 4.82 0.00	38.59 4.43 0.00	41.86 4.67 0.00	32.96 3.70 0.00	30.16 3.65 0.00	38.41 4.65 0.00	43.46 5.38 0.00	47.60 5.67 0.00	49.64 5.14 0.00	44.30 4.29 0.00	56.36 5.86 0.00	58.43 5.81 0.00	71.55 8.24 0.00	75.92 8.12 0.00	74.98 8.65 0.00	88.78 10.79 0.00	167.24 21.66 0.00	134.33 14.89 -20.87	77.35 9.98 -0.01	98.86 9.56 -20.87	168.21 8.03 -97.28	52.64 4.90 0.00	52.83 4.65 0.00
LAWRNCV_115KV_TB1 80681	29.61 -1.38 0.00	35.62 -1.80 -0.02	32.76 -1.40 0.00	35.88 -1.31 0.00	28.09 -1.18 0.00	25.27 -1.24 0.00	32.39 -1.37 0.00	36.52 -1.59 -0.02	40.04 -1.89 0.00	42.45 -2.06 0.00	38.08 -1.93 0.00	48.43 -2.08 0.00	49.92 -2.70 0.00	59.51 -3.79 0.00	63.44 -4.37 0.00	60.85 -4.98 0.51	50.58 -5.41 22.00	126.12 -8.45 11.00	93.18 -5.39 0.00	63.83 -3.53 0.00	65.01 -3.42 0.00	60.07 -2.83 0.00	45.67 -2.07 0.00	46.25 -1.93 0.00
LEDERLE____ 23769	33.24 2.26 0.00	39.98 2.58 0.00	36.31 2.15 0.00	39.12 1.93 0.00	30.90 1.64 0.00	28.25 1.74 0.00	35.91 2.15 0.00	40.67 2.59 0.00	44.91 2.98 0.00	47.84 3.34 0.00	42.99 2.98 0.00	53.96 3.46 0.00	56.85 4.23 0.00	68.66 5.36 0.00	73.87 6.07 0.00	72.83 6.50 0.00	85.92 7.93 0.00	159.28 13.70 0.00	108.84 8.51 -1.77	72.78 5.42 0.00	75.24 5.05 -1.77	75.68 4.56 -8.23	51.23 3.49 0.00	51.60 3.42 0.00
LIGHTHSE_115KV_TB6 355974	31.12 0.11 -0.02	37.63 0.08 -0.15	34.21 0.04 -0.01	37.24 0.05 0.00	29.25 -0.01 0.00	26.53 0.02 0.00	33.83 0.07 0.00	38.34 0.06 -0.20	41.92 -0.01 0.00	44.68 0.18 0.00	40.19 0.18 0.00	50.87 0.37 0.00	52.79 0.17 0.00	63.31 0.00 0.00	67.78 -0.03 0.00	65.32 -0.61 0.41	75.73 -0.33 1.93	144.48 -0.13 0.97	98.92 0.35 0.00	67.33 -0.03 0.00	68.53 0.10 0.00	63.08 0.18 0.00	47.45 -0.29 0.00	47.77 -0.42 0.00
LINDEN COGEN____ 23786	33.21 2.22 0.00	39.19 2.49 0.70	36.34 2.18 0.00	39.10 1.91 0.00	30.94 1.68 0.00	28.33 1.82 0.00	35.99 2.23 0.00	38.10 2.67 2.66	39.43 3.06 5.56	39.93 3.40 7.97	42.95 2.94 0.00	50.76 3.26 3.00	56.68 4.06 0.00	68.44 5.13 0.00	73.64 5.84 0.00	72.64 6.31 0.00	85.60 7.61 0.00	158.36 12.79 0.01	108.28 7.85 -1.86	72.48 5.11 0.00	74.98 4.69 -1.86	75.82 4.25 -8.68	51.12 3.38 0.00	50.36 3.27 1.10
LINDHRST_69_KV_BK1 356055	34.53 3.06 -0.48	42.97 3.63 -1.94	40.79 3.25 -3.37	40.15 2.96 0.00	31.72 2.45 0.00	29.03 2.52 0.00	36.89 3.13 0.00	41.60 3.53 0.00	45.64 3.71 0.00	48.45 3.95 0.00	43.56 3.55 0.00	54.39 3.88 0.00	60.14 5.18 -2.34	74.85 6.41 -5.13	78.70 7.19 -3.70	80.14 7.79 -6.03	103.13 9.70 -15.44	171.25 17.03 -8.64	113.06 10.73 -3.76	77.89 6.96 -3.56	79.23 6.56 -4.25	78.17 5.77 -9.51	57.85 4.75 -5.37	63.50 4.80 -10.53
LIPA_MISC_IPP 23656	34.35 2.89 -0.48	42.80 3.46 -1.94	40.63 3.10 -3.37	39.96 2.77 0.00	31.57 2.31 0.00	28.91 2.40 0.00	36.75 2.99 0.00	41.45 3.37 0.00	45.41 3.49 0.00	48.19 3.69 0.00	43.34 3.33 0.00	54.14 3.63 0.00	83.89 5.07 -26.19	127.16 6.34 -57.51	116.39 7.08 -41.50	141.55 7.67 -67.56	193.01 9.43 -105.59	261.57 16.13 -99.86	135.64 10.19 -26.88	113.98 6.73 -39.88	103.47 6.31 -28.73	77.81 5.40 -9.51	56.45 4.48 -4.23	62.26 4.48 -9.60
LISF__SOLAR 323691	34.45 2.99 -0.48	42.92 3.58 -1.94	40.74 3.21 -3.37	40.07 2.88 0.00	31.66 2.39 0.00	28.99 2.48 0.00	36.86 3.10 0.00	41.58 3.50 0.00	45.55 3.62 0.00	48.30 3.80 0.00	43.45 3.44 0.00	54.29 3.78 0.00	84.43 5.24 -26.57	128.21 6.57 -58.34	117.23 7.32 -42.10	142.73 7.87 -68.53	194.79 9.69 -107.11	265.69 16.71 -103.40	136.97 10.59 -27.81	114.84 7.02 -40.46	104.27 6.61 -29.23	78.08 5.67 -9.51	56.66 4.67 -4.25	62.45 4.65 -9.62

LITTLE FALLS___HYD 24013	32.95 1.96 0.00	40.00 2.61 0.00	36.40 2.24 0.00	39.30 2.11 0.00	30.90 1.64 0.00	28.27 1.76 0.00	35.62 1.86 0.00	39.34 1.26 0.00	43.22 1.29 0.00	45.53 1.03 0.00	40.76 0.75 0.00	50.77 0.27 0.00	53.36 0.74 0.00	64.58 1.27 0.00	69.82 2.02 0.00	69.00 2.55 -0.12	82.06 2.77 -1.30	153.05 6.82 -0.65	103.12 4.56 0.00	70.85 3.49 0.00	72.14 3.71 0.00	66.22 3.33 0.00	50.10 2.37 0.00	50.27 2.09 0.00
LITTLRIV_115KV_TB1 356100	30.01 -0.98 0.00	36.05 -1.37 -0.02	33.16 -1.00 0.00	36.31 -0.87 0.00	28.44 -0.82 0.00	25.60 -0.91 0.00	32.85 -0.91 0.00	37.00 -1.11 -0.03	40.48 -1.45 0.00	42.84 -1.67 0.00	38.35 -1.66 0.00	48.94 -1.57 0.00	50.43 -2.20 0.00	59.96 -3.34 0.00	64.00 -3.81 0.00	61.25 -4.54 0.54	51.88 -4.59 21.52	128.43 -6.39 10.76	94.41 -4.16 0.00	64.82 -2.54 0.00	66.17 -2.26 0.00	61.15 -1.75 0.00	46.45 -1.29 0.00	46.99 -1.19 0.00
LI_NEWBRDGE___DRP 323616	33.89 2.43 -0.48	42.20 2.87 -1.94	40.09 2.56 -3.37	39.46 2.27 0.00	31.17 1.91 0.00	28.52 2.01 0.00	36.23 2.47 0.00	40.91 2.82 0.00	44.91 2.98 0.00	47.72 3.21 0.00	42.91 2.90 0.00	53.63 3.12 0.00	56.84 4.22 0.00	68.57 5.27 0.00	73.79 5.99 0.00	72.87 6.54 0.00	86.06 8.07 0.00	159.42 13.84 0.00	108.97 8.54 -1.86	72.85 5.48 0.00	75.37 5.08 -1.86	76.88 4.48 -9.51	55.15 3.77 -3.64	61.11 3.80 -9.13
LOCKPORT_115KV_TB60_63_64 80432	31.00 0.02 0.00	37.09 -0.31 0.00	33.94 -0.22 0.00	36.60 -0.59 0.00	28.76 -0.51 0.00	26.07 -0.44 0.00	33.29 -0.47 0.00	37.37 -0.71 0.00	41.46 -0.47 0.00	44.54 0.04 0.00	40.47 0.46 0.00	51.73 1.23 0.00	53.42 0.80 0.00	64.01 0.70 0.00	67.96 0.16 0.00	66.88 0.55 0.00	76.95 -1.04 0.00	142.02 -3.56 0.00	96.04 -2.52 0.00	66.28 -1.08 0.00	67.23 -1.20 0.00	61.57 -1.33 0.00	46.95 -0.78 0.00	47.87 -0.31 0.00
LOCKPORT___CC1 323769	30.87 -0.11 0.00	36.93 -0.47 0.00	33.80 -0.36 0.00	36.47 -0.72 0.00	28.64 -0.62 0.00	25.96 -0.54 0.00	33.16 -0.61 0.00	37.21 -0.87 0.00	41.27 -0.66 0.00	44.33 -0.17 0.00	40.28 0.27 0.00	51.48 0.97 0.00	53.15 0.53 0.00	63.67 0.37 0.00	67.59 -0.22 0.00	66.47 0.14 0.00	76.52 -1.48 0.00	141.24 -4.34 0.00	95.54 -3.03 0.00	65.91 -1.45 0.00	66.86 -1.57 0.00	61.22 -1.67 0.00	46.71 -1.03 0.00	47.63 -0.55 0.00
LOCKPORT___CC2 323770	30.87 -0.11 0.00	36.93 -0.47 0.00	33.80 -0.36 0.00	36.47 -0.72 0.00	28.64 -0.62 0.00	25.96 -0.54 0.00	33.16 -0.61 0.00	37.21 -0.87 0.00	41.27 -0.66 0.00	44.33 -0.17 0.00	40.28 0.27 0.00	51.48 0.97 0.00	53.15 0.53 0.00	63.67 0.37 0.00	67.59 -0.22 0.00	66.47 0.14 0.00	76.52 -1.48 0.00	141.24 -4.34 0.00	95.54 -3.03 0.00	65.91 -1.45 0.00	66.86 -1.57 0.00	61.22 -1.67 0.00	46.71 -1.03 0.00	47.63 -0.55 0.00
LOCKPORT___CC3 323771	30.87 -0.11 0.00	36.93 -0.47 0.00	33.80 -0.36 0.00	36.47 -0.72 0.00	28.64 -0.62 0.00	25.96 -0.54 0.00	33.16 -0.61 0.00	37.21 -0.87 0.00	41.27 -0.66 0.00	44.33 -0.17 0.00	40.28 0.27 0.00	51.48 0.97 0.00	53.15 0.53 0.00	63.67 0.37 0.00	67.59 -0.22 0.00	66.47 0.14 0.00	76.52 -1.48 0.00	141.24 -4.34 0.00	95.54 -3.03 0.00	65.91 -1.45 0.00	66.86 -1.57 0.00	61.22 -1.67 0.00	46.71 -1.03 0.00	47.63 -0.55 0.00
LONG_LAKE_PHOENIX 24014	30.78 -0.23 -0.03	37.31 -0.30 -0.21	33.84 -0.33 -0.02	36.82 -0.37 0.00	28.92 -0.34 0.00	26.25 -0.26 0.00	33.43 -0.33 0.00	38.03 -0.34 -0.29	41.62 -0.31 0.00	44.26 -0.24 0.00	39.87 -0.14 0.00	50.42 -0.08 0.00	52.58 -0.04 0.00	63.24 -0.06 0.00	67.63 -0.18 0.00	66.18 -0.06 0.09	77.96 -0.04 0.00	145.24 -0.34 0.00	98.22 -0.34 0.00	67.11 -0.26 0.00	68.15 -0.28 0.00	62.55 -0.35 0.00	47.35 -0.39 0.00	47.69 -0.49 0.00
LOVETT___3 23632	33.07 2.09 0.00	39.79 2.40 0.00	36.11 1.95 0.00	38.90 1.71 0.00	30.74 1.48 0.00	28.11 1.59 0.00	35.72 1.96 0.00	40.43 2.35 0.00	44.61 2.68 0.00	47.49 2.99 0.00	42.64 2.63 0.00	53.48 2.98 0.00	56.35 3.73 0.00	68.06 4.75 0.00	73.20 5.40 0.00	72.17 5.84 0.00	85.13 7.13 0.00	157.85 12.27 0.00	107.88 7.54 -1.77	72.15 4.79 0.00	74.64 4.43 -1.78	75.17 4.00 -8.27	50.83 3.10 0.00	51.25 3.06 0.00
LOVETT___4 23642	33.07 2.09 0.00	39.79 2.40 0.00	36.11 1.95 0.00	38.90 1.71 0.00	30.74 1.48 0.00	28.11 1.59 0.00	35.72 1.96 0.00	40.43 2.35 0.00	44.61 2.68 0.00	47.49 2.99 0.00	42.64 2.63 0.00	53.48 2.98 0.00	56.35 3.73 0.00	68.06 4.75 0.00	73.20 5.40 0.00	72.17 5.84 0.00	85.13 7.13 0.00	157.85 12.27 0.00	107.88 7.54 -1.77	72.15 4.79 0.00	74.64 4.43 -1.78	75.17 4.00 -8.27	50.83 3.10 0.00	51.25 3.06 0.00
LOVETT___5 23593	33.07 2.09 0.00	39.79 2.40 0.00	36.11 1.95 0.00	38.90 1.71 0.00	30.74 1.48 0.00	28.11 1.59 0.00	35.72 1.96 0.00	40.43 2.35 0.00	44.61 2.68 0.00	47.49 2.99 0.00	42.64 2.63 0.00	53.48 2.98 0.00	56.35 3.73 0.00	68.06 4.75 0.00	73.20 5.40 0.00	72.17 5.84 0.00	85.13 7.13 0.00	157.85 12.27 0.00	107.88 7.54 -1.77	72.15 4.79 0.00	74.64 4.43 -1.78	75.17 4.00 -8.27	50.83 3.10 0.00	51.25 3.06 0.00
LOWER RAQUET___HYD 24057	29.53 -1.46 0.00	35.53 -1.89 -0.02	32.69 -1.46 0.00	35.81 -1.39 0.00	28.01 -1.26 0.00	25.20 -1.31 0.00	32.31 -1.46 0.00	36.43 -1.68 -0.03	39.91 -2.02 0.00	42.32 -2.18 0.00	37.95 -2.06 0.00	48.27 -2.23 0.00	49.74 -2.88 0.00	59.27 -4.03 0.00	63.18 -4.62 0.00	60.46 -5.30 0.58	51.21 -5.72 21.07	126.21 -8.83 10.54	92.89 -5.67 0.00	63.62 -3.75 0.00	64.81 -3.62 0.00	59.91 -2.98 0.00	45.55 -2.18 0.00	46.11 -2.07 0.00
LOWER___HUDSON 24059	32.38 1.40 0.00	39.28 1.88 0.00	35.82 1.66 0.00	38.79 1.60 0.00	30.58 1.32 0.00	27.85 1.34 0.00	35.34 1.57 0.00	39.88 1.80 0.00	43.88 1.95 0.00	46.32 1.82 0.00	41.57 1.56 0.00	52.29 1.78 0.00	54.61 1.99 0.00	65.92 2.62 0.00	70.82 3.02 0.00	69.54 3.21 0.00	81.92 3.93 0.00	153.55 7.97 0.00	121.29 5.27 -17.45	70.83 3.47 0.00	89.41 3.53 -17.45	147.49 3.23 -81.36	50.17 2.44 0.00	50.50 2.32 0.00
LOWVILLE_115KV_TB2 356335	31.81 0.82 -0.01	38.32 0.88 -0.05	34.94 0.78 0.00	38.09 0.90 0.00	29.92 0.66 0.00	27.12 0.61 0.00	34.63 0.86 0.00	39.07 0.93 -0.06	42.68 0.75 0.00	45.53 1.02 0.00	40.83 0.82 0.00	51.78 1.28 0.00	53.46 0.84 0.00	63.84 0.53 0.00	68.43 0.62 0.00	68.04 -0.62 -2.33	72.99 0.17 5.17	145.38 2.39 2.59	101.08 2.52 0.00	68.23 0.86 0.00	69.36 0.93 0.00	64.25 1.36 0.00	48.76 1.02 0.00	48.99 0.81 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	32.91 1.92 0.00	39.88 2.48 0.00	36.33 2.17 0.00	39.35 2.17 0.00	31.02 1.75 0.00	28.24 1.73 0.00	35.91 2.15 0.00	40.58 2.50 0.00	44.64 2.71 0.00	47.16 2.66 0.00	42.31 2.30 0.00	53.23 2.73 0.00	55.63 3.01 0.00	67.19 3.89 0.00	72.29 4.48 0.00	71.02 4.69 0.00	83.56 5.57 0.00	156.87 11.29 0.00	127.04 7.86 -20.61	72.68 5.31 -0.01	94.43 5.38 -20.62	163.79 4.79 -96.11	51.16 3.43 0.00	51.35 3.17 0.00

LUTHERNY_35_KV_BK2 355980	32.94 1.95 0.00	39.91 2.51 0.00	36.36 2.21 0.00	39.39 2.20 0.00	31.03 1.77 0.00	28.27 1.76 0.00	35.95 2.18 0.00	40.62 2.54 0.00	44.68 2.75 0.00	47.21 2.71 0.00	42.37 2.36 0.00	53.32 2.82 0.00	55.71 3.09 0.00	67.26 3.95 0.00	72.36 4.55 0.00	71.10 4.77 0.00	83.74 5.75 0.00	157.12 11.54 0.00	127.25 8.07 -20.61	72.85 5.48 -0.01	94.58 5.54 -20.62	163.90 4.90 -96.11	51.25 3.51 0.00	51.40 3.21 0.00
LWR___OSWEGATCHIE_HYD 23850	30.69 -0.30 -0.01	37.04 -0.40 -0.04	33.86 -0.31 0.00	36.94 -0.25 0.00	28.94 -0.33 0.00	26.17 -0.34 0.00	33.50 -0.26 0.00	37.80 -0.34 -0.05	41.27 -0.67 0.00	43.99 -0.52 0.00	39.46 -0.55 0.00	50.18 -0.33 0.00	51.61 -1.02 0.00	61.50 -1.80 0.00	65.77 -2.04 0.00	62.35 -2.87 1.11	61.50 -2.52 13.97	135.77 -2.81 6.99	97.12 -1.45 0.00	66.03 -1.33 0.00	67.21 -1.22 0.00	62.27 -0.62 0.00	47.25 -0.48 0.00	47.55 -0.64 0.00
LYONS_FALL_HYD 23570	31.92 0.93 0.00	38.47 1.04 -0.03	35.07 0.91 0.00	38.17 0.98 0.00	30.01 0.74 0.00	27.22 0.71 0.00	34.74 0.98 0.00	39.22 1.09 -0.04	43.00 1.07 0.00	45.80 1.30 0.00	41.11 1.10 0.00	52.07 1.56 0.00	53.94 1.32 0.00	64.72 1.41 0.00	69.37 1.56 0.00	67.11 0.78 0.00	76.57 1.49 2.92	148.13 4.01 1.46	101.88 3.32 0.00	69.11 1.75 0.00	70.24 1.81 0.00	64.86 1.97 0.00	49.17 1.43 0.00	49.39 1.21 0.00
MADISON___COUNTY_LFGE 323628	32.27 1.27 0.00	38.90 1.47 -0.03	35.43 1.27 0.00	38.47 1.28 0.00	30.24 0.98 0.00	27.49 0.97 0.00	35.05 1.28 0.00	39.64 1.52 -0.04	43.66 1.73 0.00	46.46 1.96 0.00	41.75 1.74 0.00	52.81 2.31 0.00	55.01 2.38 0.00	66.50 3.19 0.00	71.29 3.49 0.00	69.86 3.29 -0.25	81.90 3.91 0.00	153.02 7.44 0.00	103.77 5.20 0.00	70.96 3.60 0.00	72.13 3.69 0.00	66.27 3.38 0.00	50.08 2.34 0.00	50.30 2.12 0.00
MALONE___115KV_TB1 356076	30.43 -0.55 0.00	36.46 -0.94 0.00	33.50 -0.65 0.00	36.61 -0.59 0.00	28.80 -0.46 0.00	25.99 -0.52 0.00	33.28 -0.48 0.00	37.57 -0.51 0.00	41.32 -0.61 0.00	43.75 -0.75 0.00	39.31 -0.70 0.00	49.62 -0.89 0.00	51.09 -1.53 0.00	61.07 -2.24 0.00	64.87 -2.94 0.00	61.90 -4.13 0.30	48.60 -4.64 24.75	126.52 -6.68 12.38	94.27 -4.29 0.00	64.65 -2.71 0.00	65.96 -2.47 0.00	60.92 -1.98 0.00	46.49 -1.25 0.00	47.33 -0.85 0.00
MAPLEWOD_115KV_TB3 80458	32.27 1.28 0.00	39.11 1.72 0.00	35.65 1.49 0.00	38.59 1.40 0.00	30.43 1.17 0.00	27.72 1.21 0.00	35.18 1.42 0.00	39.71 1.63 0.00	43.71 1.78 0.00	46.19 1.68 0.00	41.47 1.46 0.00	52.13 1.62 0.00	54.54 1.92 0.00	65.86 2.55 0.00	70.75 2.95 0.00	69.50 3.17 0.00	81.85 3.86 0.00	153.19 7.61 0.00	117.46 5.00 -13.90	70.64 3.28 0.00	85.64 3.31 -13.90	130.67 2.98 -64.80	49.96 2.23 0.00	50.30 2.12 0.00
MAPLE_RIDGE_WT_1 323574	30.70 -0.29 0.00	37.04 -0.35 0.00	33.89 -0.27 0.00	36.96 -0.24 0.00	29.09 -0.17 0.00	26.32 -0.19 0.00	33.56 -0.20 0.00	37.83 -0.25 0.00	41.61 -0.31 0.00	44.19 -0.31 0.00	39.71 -0.30 0.00	50.15 -0.35 0.00	52.04 -0.58 0.00	62.40 -0.91 0.00	66.62 -1.19 0.00	64.72 -1.61 0.00	87.96 -1.82 -11.78	148.98 -2.49 -5.89	97.15 -1.42 0.00	66.33 -1.04 0.00	67.36 -1.07 0.00	61.89 -1.00 0.00	47.03 -0.71 0.00	47.60 -0.58 0.00
MAPLE_RIDGE_WT_2 323611	30.70 -0.29 0.00	37.04 -0.35 0.00	33.89 -0.27 0.00	36.96 -0.24 0.00	29.09 -0.17 0.00	26.32 -0.19 0.00	33.56 -0.20 0.00	37.83 -0.25 0.00	41.61 -0.31 0.00	44.19 -0.31 0.00	39.71 -0.30 0.00	50.15 -0.35 0.00	52.04 -0.58 0.00	62.40 -0.91 0.00	66.62 -1.19 0.00	64.72 -1.61 0.00	87.96 -1.82 -11.78	148.98 -2.49 -5.89	97.15 -1.42 0.00	66.33 -1.04 0.00	67.36 -1.07 0.00	61.89 -1.00 0.00	47.03 -0.71 0.00	47.60 -0.58 0.00
MARBLE_RIVER_WT_PWR 323696	30.42 -0.56 0.00	36.48 -0.92 0.00	33.46 -0.70 0.00	36.53 -0.66 0.00	28.82 -0.44 0.00	26.06 -0.45 0.00	33.33 -0.43 0.00	37.63 -0.45 0.00	41.36 -0.58 0.00	43.76 -0.74 0.00	39.27 -0.75 0.00	49.35 -1.16 0.00	50.63 -1.99 0.00	60.61 -2.70 0.00	64.59 -3.22 0.00	61.47 -4.70 0.16	45.84 -5.64 26.52	123.80 -8.52 13.26	92.88 -5.69 0.00	63.69 -3.67 0.00	64.94 -3.50 0.00	59.87 -3.02 0.00	46.00 -1.73 0.00	47.08 -1.10 0.00
MARSHVLE_115KV_TB1 80742	32.56 1.58 0.00	39.18 1.78 0.00	35.72 1.57 0.00	38.85 1.66 0.00	30.54 1.28 0.00	27.72 1.21 0.00	35.50 1.74 0.00	40.63 2.55 0.00	44.46 2.53 0.00	47.21 2.71 0.00	42.53 2.52 0.00	53.51 3.01 0.00	55.76 3.14 0.00	67.10 3.79 0.00	71.97 4.16 0.00	70.49 4.17 0.00	82.18 4.19 0.00	154.98 9.41 0.00	124.21 7.05 -18.59	72.93 5.56 0.00	92.91 5.88 -18.59	154.81 5.26 -86.66	51.72 3.99 0.00	52.11 3.93 0.00
MARSH_HILL_WT_PWR 323713	31.90 0.91 0.00	38.33 0.91 -0.02	34.96 0.80 0.00	37.70 0.51 0.00	29.53 0.26 0.00	26.79 0.28 0.00	34.25 0.49 0.00	38.84 0.73 -0.03	43.08 1.15 0.00	46.28 1.78 0.00	41.88 1.86 0.00	52.98 2.47 0.00	55.00 2.38 0.00	65.90 2.59 0.00	70.39 2.58 0.00	69.24 2.91 0.00	80.28 2.29 0.00	148.66 3.08 0.00	100.74 2.17 0.00	69.65 2.29 0.00	70.78 2.35 0.00	64.99 2.09 0.00	49.30 1.56 0.00	49.90 1.72 0.00
MCINTYRE_115KV_TB2 80467	30.33 -0.66 0.00	36.35 -1.04 0.00	33.43 -0.72 0.00	36.64 -0.55 0.00	28.72 -0.54 0.00	25.84 -0.67 0.00	33.17 -0.60 0.00	37.29 -0.79 0.00	40.76 -1.17 0.00	43.08 -1.42 0.00	38.54 -1.48 0.00	49.30 -1.21 0.00	50.80 -1.82 0.00	60.29 -3.02 0.00	64.36 -3.45 0.00	61.70 -4.14 0.49	51.72 -4.02 22.25	129.29 -5.16 11.13	95.20 -3.37 0.00	65.51 -1.85 0.00	66.94 -1.49 0.00	61.86 -1.03 0.00	46.97 -0.77 0.00	47.51 -0.67 0.00
MECO_____69_KV_BK1 80468	34.54 3.55 0.00	41.57 4.17 0.00	37.80 3.64 0.00	41.01 3.82 0.00	32.24 2.98 0.00	29.39 2.88 0.00	37.29 3.53 0.00	41.92 3.84 0.00	46.12 4.19 0.00	47.74 3.23 0.00	42.80 2.79 0.00	52.59 2.09 0.00	55.62 3.00 0.00	66.63 3.33 0.00	72.16 4.35 0.00	71.92 5.59 0.00	82.11 4.12 0.00	162.96 17.38 0.00	129.80 11.47 -19.76	79.38 12.01 0.00	100.31 12.12 -19.76	165.44 10.44 -92.11	55.33 7.60 0.00	55.32 7.14 0.00
MENANDS___115KV_TB5 355628	32.02 1.03 0.00	38.82 1.42 0.00	35.40 1.24 0.00	38.31 1.13 0.00	30.22 0.95 0.00	27.53 1.02 0.00	34.93 1.17 0.00	39.41 1.33 0.00	43.37 1.44 0.00	45.80 1.30 0.00	41.11 1.10 0.00	51.67 1.17 0.00	54.04 1.42 0.00	65.23 1.93 0.00	70.06 2.26 0.00	68.78 2.44 0.00	81.05 3.05 0.00	151.63 6.06 0.00	115.79 3.86 -13.35	69.87 2.50 0.00	84.29 2.50 -13.35	127.39 2.25 -62.25	49.46 1.72 0.00	49.83 1.64 0.00
MG INDUSTRY___DRP 24185	31.97 0.99 0.00	38.81 1.41 0.00	35.40 1.24 0.00	38.36 1.17 0.00	30.23 0.97 0.00	27.50 0.99 0.00	34.93 1.17 0.00	39.32 1.24 0.00	43.17 1.24 0.00	45.46 0.96 0.00	40.56 0.55 0.00	50.29 -0.21 0.00	52.24 -0.38 0.00	63.02 -0.28 0.00	67.66 -0.14 0.00	63.38 0.07 3.02	78.32 0.32 0.00	146.82 1.24 0.00	107.93 1.19 -8.17	69.31 1.95 0.00	78.05 1.44 -8.17	101.70 0.71 -38.10	48.61 0.87 0.00	49.65 1.47 0.00

MID___OSWEGATCHIE_HYD 23849	30.69 -0.30 -0.01	37.04 -0.40 -0.04	33.86 -0.31 0.00	36.94 -0.25 0.00	28.94 -0.33 0.00	26.17 -0.34 0.00	33.50 -0.26 0.00	37.80 -0.34 -0.05	41.27 -0.67 0.00	43.99 -0.52 0.00	39.46 -0.55 0.00	50.18 -0.33 0.00	51.61 -1.02 0.00	61.50 -1.80 0.00	65.77 -2.04 0.00	62.35 -2.87 1.11	61.50 -2.52 13.97	135.77 -2.81 6.99	97.12 -1.45 0.00	66.03 -1.33 0.00	67.21 -1.22 0.00	62.27 -0.62 0.00	47.25 -0.48 0.00	47.55 -0.64 0.00
MID___RAQUETTE_HYD 23851	29.53 -1.46 0.00	35.53 -1.89 -0.02	32.69 -1.46 0.00	35.81 -1.39 0.00	28.01 -1.26 0.00	25.20 -1.31 0.00	32.31 -1.46 0.00	36.42 -1.68 -0.03	39.91 -2.02 0.00	42.32 -2.18 0.00	37.95 -2.06 0.00	48.27 -2.23 0.00	49.74 -2.88 0.00	59.27 -4.03 0.00	63.18 -4.63 0.00	60.46 -5.29 0.58	51.21 -5.72 21.07	126.21 -8.83 10.54	92.89 -5.68 0.00	63.62 -3.75 0.00	64.81 -3.62 0.00	59.91 -2.98 0.00	45.55 -2.19 0.00	46.10 -2.08 0.00
MILLIKEN___1 23584	31.99 1.00 -0.01	38.60 1.14 -0.07	35.17 1.00 -0.01	38.10 0.91 0.00	29.95 0.69 0.00	27.23 0.72 0.00	34.74 0.98 0.00	39.44 1.27 -0.09	43.32 1.39 0.00	46.11 1.61 0.00	41.52 1.51 0.00	52.44 1.94 0.00	54.62 2.00 0.00	65.85 2.55 0.00	70.66 2.85 0.00	69.17 2.85 0.00	81.41 3.42 0.00	151.48 5.90 0.00	103.29 4.22 -0.51	70.44 3.08 0.00	72.17 3.23 -0.51	68.13 2.88 -2.36	49.69 1.96 0.00	49.99 1.81 0.00
MILLIKEN___2 23585	31.99 1.00 -0.01	38.60 1.14 -0.07	35.17 1.00 -0.01	38.10 0.91 0.00	29.95 0.69 0.00	27.23 0.72 0.00	34.74 0.98 0.00	39.44 1.27 -0.09	43.32 1.39 0.00	46.11 1.61 0.00	41.52 1.51 0.00	52.44 1.94 0.00	54.62 2.00 0.00	65.85 2.55 0.00	70.66 2.85 0.00	69.17 2.85 0.00	81.41 3.42 0.00	151.48 5.90 0.00	103.29 4.22 -0.51	70.44 3.08 0.00	72.17 3.23 -0.51	68.13 2.88 -2.36	49.69 1.96 0.00	49.99 1.81 0.00
MILLIKEN___DIESEL 23629	31.99 1.00 -0.01	38.60 1.14 -0.07	35.17 1.00 -0.01	38.10 0.91 0.00	29.95 0.69 0.00	27.23 0.72 0.00	34.74 0.98 0.00	39.44 1.27 -0.09	43.32 1.39 0.00	46.11 1.61 0.00	41.52 1.51 0.00	52.44 1.94 0.00	54.62 2.00 0.00	65.85 2.55 0.00	70.66 2.85 0.00	69.17 2.85 0.00	81.41 3.42 0.00	151.48 5.90 0.00	103.29 4.22 -0.51	70.44 3.08 0.00	72.17 3.23 -0.51	68.13 2.88 -2.36	49.69 1.96 0.00	49.99 1.81 0.00
MILLSEAT___LFGE 323607	31.73 0.75 0.00	37.93 0.54 0.00	34.66 0.50 0.00	37.42 0.23 0.00	29.39 0.13 0.00	26.67 0.16 0.00	34.11 0.34 0.00	38.41 0.33 0.00	42.62 0.69 0.00	45.76 1.26 0.00	41.58 1.57 0.00	53.05 2.55 0.00	54.90 2.28 0.00	65.92 2.62 0.00	69.86 2.05 0.00	68.48 2.15 0.00	78.88 0.89 0.00	145.90 0.32 0.00	98.71 0.14 0.00	67.98 0.62 0.00	68.99 0.56 0.00	63.68 0.78 0.00	48.43 0.69 0.00	49.19 1.01 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.07 2.08 0.00	39.83 2.43 0.00	36.27 2.11 0.00	39.08 1.89 0.00	30.87 1.61 0.00	28.23 1.72 0.00	35.89 2.13 0.00	40.62 2.53 0.00	44.80 2.87 0.00	47.67 3.17 0.00	42.80 2.79 0.00	53.67 3.17 0.00	56.54 3.92 0.00	68.26 4.96 0.00	73.44 5.63 0.00	72.38 6.05 0.00	85.37 7.37 0.00	158.31 12.74 0.00	108.30 7.88 -1.85	72.43 5.07 0.00	75.02 4.74 -1.85	75.77 4.26 -8.61	51.10 3.36 0.00	51.47 3.29 0.00
MILLWOOD_13_KV_LOAD 356217	33.19 2.21 0.00	39.98 2.58 0.00	36.38 2.23 0.00	39.20 2.01 0.00	30.97 1.70 0.00	28.32 1.81 0.00	36.01 2.25 0.00	40.77 2.69 0.00	44.99 3.06 0.00	47.88 3.38 0.00	43.00 2.99 0.00	53.92 3.42 0.00	56.83 4.21 0.00	68.61 5.30 0.00	73.84 6.03 0.00	72.79 6.46 0.00	85.88 7.88 0.00	159.22 13.65 0.00	108.87 8.45 -1.85	72.82 5.46 0.00	75.40 5.12 -1.85	76.12 4.61 -8.61	51.33 3.59 0.00	51.68 3.50 0.00
MODEL_CITY_ENERGY 24167	30.75 -0.23 0.00	36.79 -0.61 0.00	33.68 -0.48 0.00	36.34 -0.85 0.00	28.55 -0.71 0.00	25.87 -0.64 0.00	33.03 -0.73 0.00	37.03 -1.06 0.00	41.08 -0.85 0.00	44.15 -0.35 0.00	40.11 0.10 0.00	51.30 0.79 0.00	52.92 0.30 0.00	63.41 0.10 0.00	67.31 -0.50 0.00	66.20 -0.13 0.00	76.21 -1.78 0.00	140.67 -4.90 0.00	95.15 -3.42 0.00	65.64 -1.72 0.00	66.53 -1.90 0.00	60.91 -1.99 0.00	46.48 -1.25 0.00	47.44 -0.75 0.00
MODERN_LFGE___ 323580	30.75 -0.23 0.00	36.79 -0.61 0.00	33.68 -0.48 0.00	36.34 -0.85 0.00	28.55 -0.71 0.00	25.87 -0.64 0.00	33.03 -0.73 0.00	37.03 -1.06 0.00	41.08 -0.85 0.00	44.15 -0.35 0.00	40.11 0.10 0.00	51.30 0.79 0.00	52.92 0.30 0.00	63.41 0.10 0.00	67.31 -0.50 0.00	66.20 -0.13 0.00	76.21 -1.78 0.00	140.67 -4.90 0.00	95.15 -3.42 0.00	65.64 -1.72 0.00	66.53 -1.90 0.00	60.91 -1.99 0.00	46.48 -1.25 0.00	47.44 -0.75 0.00
MOHAWK_PAPER___DRP 24187	32.27 1.28 0.00	39.11 1.72 0.00	35.65 1.49 0.00	38.59 1.40 0.00	30.43 1.17 0.00	27.72 1.21 0.00	35.18 1.42 0.00	39.71 1.63 0.00	43.71 1.78 0.00	46.19 1.68 0.00	41.47 1.46 0.00	52.13 1.62 0.00	54.54 1.92 0.00	65.86 2.55 0.00	70.75 2.95 0.00	69.50 3.17 0.00	81.85 3.86 0.00	153.19 7.61 0.00	117.46 5.00 -13.90	70.64 3.28 0.00	85.64 3.31 -13.90	130.67 2.98 -64.80	49.96 2.23 0.00	50.30 2.12 0.00
MOHICAN___35_KV_115KV_LD 80490	33.23 2.25 0.00	40.31 2.91 0.00	36.74 2.58 0.00	39.80 2.61 0.00	31.35 2.09 0.00	28.61 2.10 0.00	36.39 2.62 0.00	41.18 3.10 0.00	45.31 3.37 0.00	47.75 3.25 0.00	42.62 2.61 0.00	53.78 3.28 0.00	56.06 3.44 0.00	67.83 4.53 0.00	72.98 5.18 0.00	71.79 5.46 0.00	84.57 6.58 0.00	159.37 13.80 0.00	129.14 9.81 -20.76	74.02 6.65 -0.01	95.87 6.67 -20.76	165.43 5.74 -96.79	51.59 3.85 0.00	51.70 3.52 0.00
MONGAUP___HYD 23641	33.11 2.13 0.00	39.90 2.50 0.00	36.31 2.16 0.00	39.17 1.99 0.00	30.89 1.63 0.00	28.19 1.68 0.00	35.89 2.12 0.00	40.54 2.46 0.00	44.58 2.65 0.00	47.30 2.80 0.00	42.44 2.43 0.00	53.02 2.51 0.00	55.62 3.00 0.00	67.26 3.95 0.00	72.45 4.65 0.00	71.37 5.04 0.00	84.44 6.44 0.00	155.53 9.95 0.00	106.73 6.52 -1.64	72.74 5.38 0.00	75.16 5.09 -1.64	75.18 4.63 -7.65	51.59 3.85 0.00	51.75 3.57 0.00
MONTAUK___DIESEL 23721	35.89 4.43 -0.48	44.67 5.33 -1.94	42.31 4.78 -3.37	41.77 4.58 0.00	32.99 3.73 0.00	30.22 3.71 0.00	38.54 4.78 0.00	43.59 5.51 0.00	47.91 5.98 0.00	50.80 6.30 0.00	45.44 5.43 0.00	56.98 6.48 0.00	87.14 8.16 -26.35	131.24 10.08 -57.86	120.31 10.74 -41.75	145.52 11.23 -67.96	197.18 12.97 -106.22	267.47 20.66 -101.23	138.79 12.98 -27.24	116.21 8.72 -40.12	105.44 8.08 -28.93	79.15 6.75 -9.51	58.13 6.15 -4.24	64.08 6.29 -9.61
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.44 1.45 0.00	38.77 1.37 0.00	35.22 1.06 0.00	37.71 0.52 0.00	29.43 0.16 0.00	26.92 0.41 0.00	34.46 0.70 0.00	39.25 1.17 0.00	43.88 1.95 0.00	47.26 2.76 0.00	42.90 2.89 0.00	54.64 4.14 0.00	56.80 4.18 0.00	67.96 4.65 0.00	71.91 4.10 0.00	70.70 4.37 0.00	82.06 4.06 0.00	150.80 5.22 0.00	102.00 3.44 0.00	70.25 2.89 0.00	72.33 3.90 0.00	66.31 3.41 0.00	50.22 2.48 0.00	50.84 2.66 0.00

MORTIMER_115KV_TB3 55949	31.38 0.40 0.00	37.64 0.24 0.00	34.38 0.22 0.00	37.22 0.03 0.00	29.24 -0.02 0.00	26.53 0.02 0.00	33.89 0.13 0.00	38.29 0.21 0.00	42.47 0.54 0.00	45.45 0.95 0.00	41.20 1.18 0.00	52.51 2.00 0.00	54.54 1.92 0.00	65.57 2.27 0.00	69.90 2.09 0.00	68.70 2.37 0.00	79.62 1.62 0.00	147.48 1.90 0.00	99.74 1.17 0.00	68.45 1.09 0.00	69.32 0.89 0.00	63.56 0.66 0.00	48.28 0.54 0.00	48.83 0.65 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.36 2.37 0.00	40.14 2.75 0.00	36.56 2.40 0.00	39.35 2.16 0.00	31.11 1.85 0.00	28.47 1.96 0.00	36.19 2.43 0.00	40.99 2.91 0.00	45.22 3.29 0.00	48.14 3.64 0.00	43.17 3.16 0.00	54.03 3.53 0.00	56.97 4.35 0.00	68.75 5.44 0.00	74.01 6.20 0.00	72.98 6.65 0.00	86.01 8.02 0.00	159.26 13.68 0.00	108.85 8.42 -1.86	72.86 5.49 0.00	75.40 5.11 -1.86	76.18 4.61 -8.68	51.45 3.71 0.00	51.83 3.65 0.00
MUNSVILLE_WIND_PWR 323609	33.86 2.87 -0.01	40.71 3.27 -0.04	36.86 2.69 0.00	39.93 2.74 0.00	31.27 2.00 0.00	28.60 2.09 0.00	36.37 2.61 0.00	41.47 3.33 -0.06	45.77 3.84 0.00	48.72 4.22 0.00	44.13 4.12 0.00	55.91 5.41 0.00	58.07 5.45 0.00	69.95 6.64 0.00	75.17 7.36 0.00	73.64 7.31 0.00	86.66 8.66 0.00	162.92 17.35 0.00	111.90 12.11 -1.23	75.66 8.30 0.00	78.76 9.10 -1.23	76.88 8.26 -5.73	53.52 5.79 0.00	53.60 5.42 0.00
N SALMON___HYD 24042	30.43 -0.55 0.00	36.46 -0.94 0.00	33.50 -0.66 0.00	36.61 -0.59 0.00	28.80 -0.46 0.00	25.99 -0.52 0.00	33.28 -0.48 0.00	37.58 -0.51 0.00	41.32 -0.61 0.00	43.75 -0.75 0.00	39.31 -0.70 0.00	49.62 -0.89 0.00	51.09 -1.53 0.00	61.07 -2.24 0.00	64.87 -2.94 0.00	61.90 -4.13 0.30	48.60 -4.64 24.75	126.51 -6.69 12.38	94.28 -4.29 0.00	64.65 -2.71 0.00	65.97 -2.46 0.00	60.92 -1.98 0.00	46.49 -1.25 0.00	47.33 -0.85 0.00
N.AKRON__115KV_KNAPP 355671	31.58 0.60 0.00	37.76 0.36 0.00	34.52 0.36 0.00	37.23 0.04 0.00	29.26 0.00 0.00	26.54 0.03 0.00	33.93 0.17 0.00	38.19 0.10 0.00	42.37 0.44 0.00	45.53 1.03 0.00	41.35 1.34 0.00	52.81 2.30 0.00	54.61 1.99 0.00	65.54 2.24 0.00	69.54 1.74 0.00	68.32 1.99 0.00	78.64 0.65 0.00	145.36 -0.22 0.00	98.30 -0.26 0.00	67.76 0.40 0.00	68.72 0.29 0.00	63.18 0.28 0.00	48.11 0.37 0.00	48.91 0.73 0.00
N.BELMOR_69_KV_BK1 55787	34.26 2.80 -0.48	42.66 3.32 -1.94	40.47 2.94 -3.37	39.86 2.67 0.00	31.48 2.22 0.00	28.81 2.30 0.00	36.59 2.83 0.00	41.34 3.26 0.00	45.40 3.48 0.00	48.19 3.69 0.00	43.30 3.29 0.00	54.13 3.62 0.00	57.39 4.77 0.00	69.17 5.86 0.00	74.38 6.57 0.00	73.51 7.18 0.00	100.47 8.97 -13.50	165.01 15.65 -3.78	110.31 9.88 -1.86	73.73 6.36 0.00	76.24 5.95 -1.86	77.65 5.25 -9.51	59.95 4.38 -7.83	65.14 4.44 -12.52
N.E_GEN_SANDY PD 24062	39.75 1.45 -7.32	39.30 1.90 0.00	37.17 1.68 -1.34	40.05 1.55 -1.32	30.85 1.31 -0.28	29.61 1.38 -1.73	37.36 1.63 -1.97	39.79 1.90 0.19	45.02 2.08 -1.01	45.35 1.99 1.14	43.58 1.74 -1.82	53.71 1.99 -1.22	54.97 2.35 0.00	66.34 3.03 0.00	71.73 3.46 -0.47	70.05 3.73 0.01	87.79 4.71 -5.10	177.61 9.10 -22.94	109.36 5.67 -5.12	70.98 3.62 0.00	77.07 3.52 -5.12	90.02 3.25 -23.87	49.23 2.56 1.06	48.50 2.45 2.13
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.10 2.12 0.00	39.83 2.43 0.00	36.20 2.04 0.00	39.00 1.81 0.00	30.81 1.55 0.00	28.17 1.66 0.00	35.79 2.03 0.00	40.51 2.43 0.00	44.74 2.81 0.00	47.65 3.15 0.00	42.80 2.79 0.00	53.72 3.22 0.00	56.60 3.98 0.00	68.37 5.06 0.00	73.55 5.74 0.00	72.50 6.18 0.00	85.54 7.55 0.00	158.57 12.99 0.00	108.37 8.03 -1.77	72.48 5.12 0.00	74.94 4.74 -1.77	75.43 4.28 -8.25	51.03 3.29 0.00	51.41 3.23 0.00
N.QUEENS_27_KV_LOAD 356247	33.41 2.42 0.00	40.11 2.71 0.00	36.61 2.45 0.00	39.35 2.16 0.00	31.21 1.95 0.00	28.55 2.04 0.00	36.32 2.56 0.00	41.15 3.07 0.00	45.41 3.48 0.00	48.29 3.79 0.00	43.34 3.33 0.00	54.22 3.72 0.00	57.29 4.67 0.00	69.13 5.82 0.00	74.48 6.67 0.00	73.40 7.07 0.00	86.38 8.38 0.00	159.81 14.23 0.00	109.23 8.80 -1.86	73.13 5.76 0.00	75.69 5.40 -1.86	76.46 4.89 -8.68	51.71 3.97 0.00	52.11 3.92 0.00
N.TROY___115KV_TB1 355778	32.38 1.39 0.00	39.28 1.88 0.00	35.82 1.66 0.00	38.79 1.60 0.00	30.58 1.32 0.00	27.85 1.34 0.00	35.34 1.57 0.00	39.88 1.80 0.00	43.88 1.95 0.00	46.32 1.81 0.00	41.57 1.56 0.00	52.29 1.78 0.00	54.61 1.99 0.00	65.92 2.61 0.00	70.82 3.02 0.00	69.53 3.20 0.00	81.93 3.93 0.00	153.55 7.97 0.00	121.30 5.28 -17.45	70.84 3.47 0.00	89.41 3.53 -17.45	147.49 3.23 -81.36	50.17 2.44 0.00	50.50 2.32 0.00
NARROWS_GT1_1 24228	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.30 6.97 0.00	86.17 8.18 0.00	159.24 13.67 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.37 -1.86	76.43 4.86 -8.68	51.66 3.92 0.00	51.97 3.79 0.00
NARROWS_GT1_2 24229	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.30 6.97 0.00	86.17 8.18 0.00	159.24 13.67 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.37 -1.86	76.43 4.86 -8.68	51.66 3.92 0.00	51.97 3.79 0.00
NARROWS_GT1_3 24230	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.30 6.97 0.00	86.17 8.18 0.00	159.24 13.67 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.37 -1.86	76.43 4.86 -8.68	51.66 3.92 0.00	51.97 3.79 0.00
NARROWS_GT1_4 24231	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.30 6.97 0.00	86.17 8.18 0.00	159.24 13.67 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.37 -1.86	76.43 4.86 -8.68	51.66 3.92 0.00	51.97 3.79 0.00
NARROWS_GT1_5 24232	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.30 6.97 0.00	86.17 8.18 0.00	159.24 13.67 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.37 -1.86	76.43 4.86 -8.68	51.66 3.92 0.00	51.97 3.79 0.00

NARROWS_GT1_6 24233	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.30 6.97 0.00	86.17 8.18 0.00	159.24 13.67 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.37 -1.86	76.43 4.86 -8.68	51.66 3.92 0.00	51.97 3.79 0.00
NARROWS_GT1_7 24234	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.30 6.97 0.00	86.17 8.18 0.00	159.24 13.67 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.37 -1.86	76.43 4.86 -8.68	51.66 3.92 0.00	51.97 3.79 0.00
NARROWS_GT1_8 24235	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.30 6.97 0.00	86.17 8.18 0.00	159.24 13.67 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.37 -1.86	76.43 4.86 -8.68	51.66 3.92 0.00	51.97 3.79 0.00
NARROWS_GT2_1 24236	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.30 6.97 0.00	86.17 8.18 0.00	159.24 13.67 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.37 -1.86	76.43 4.86 -8.68	51.66 3.92 0.00	51.97 3.79 0.00
NARROWS_GT2_2 24237	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.30 6.97 0.00	86.17 8.18 0.00	159.24 13.67 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.37 -1.86	76.43 4.86 -8.68	51.66 3.92 0.00	51.97 3.79 0.00
NARROWS_GT2_3 24238	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.30 6.97 0.00	86.17 8.18 0.00	159.24 13.67 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.37 -1.86	76.43 4.86 -8.68	51.66 3.92 0.00	51.97 3.79 0.00
NARROWS_GT2_4 24239	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.30 6.97 0.00	86.17 8.18 0.00	159.24 13.67 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.37 -1.86	76.43 4.86 -8.68	51.66 3.92 0.00	51.97 3.79 0.00
NARROWS_GT2_5 24240	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.30 6.97 0.00	86.17 8.18 0.00	159.24 13.67 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.37 -1.86	76.43 4.86 -8.68	51.66 3.92 0.00	51.97 3.79 0.00
NARROWS_GT2_6 24241	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.30 6.97 0.00	86.17 8.18 0.00	159.24 13.67 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.37 -1.86	76.43 4.86 -8.68	51.66 3.92 0.00	51.97 3.79 0.00
NARROWS_GT2_7 24242	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.30 6.97 0.00	86.17 8.18 0.00	159.24 13.67 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.37 -1.86	76.43 4.86 -8.68	51.66 3.92 0.00	51.97 3.79 0.00
NARROWS_GT2_8 24243	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.30 6.97 0.00	86.17 8.18 0.00	159.24 13.67 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.37 -1.86	76.43 4.86 -8.68	51.66 3.92 0.00	51.97 3.79 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.78 1.79 0.00	39.76 2.36 0.00	36.21 2.06 0.00	39.22 2.03 0.00	30.90 1.64 0.00	28.13 1.62 0.00	35.76 2.00 0.00	40.57 2.49 0.00	44.67 2.74 0.00	46.55 2.05 0.00	41.48 1.47 0.00	51.97 1.47 0.00	54.19 1.57 0.00	65.58 2.28 0.00	70.49 2.68 0.00	65.43 2.86 3.75	82.04 4.05 0.00	154.31 8.73 0.00	112.64 6.50 -7.57	72.21 4.84 0.00	80.94 4.93 -7.57	102.32 4.11 -35.31	50.77 3.04 0.00	51.19 3.01 0.00
NCHELSEA_115KV_TR2 355582	33.32 2.33 0.00	40.16 2.77 0.00	36.55 2.40 0.00	39.45 2.26 0.00	31.13 1.86 0.00	28.41 1.91 0.00	36.15 2.39 0.00	40.93 2.85 0.00	45.11 3.18 0.00	47.99 3.49 0.00	43.23 3.22 0.00	54.31 3.80 0.00	57.10 4.48 0.00	68.81 5.50 0.00	74.03 6.22 0.00	72.90 6.57 0.00	86.04 8.04 0.00	159.91 14.33 0.00	109.67 9.16 -1.95	73.28 5.92 0.00	75.99 5.60 -1.95	77.05 5.06 -9.09	51.58 3.84 0.00	51.85 3.67 0.00
NEG CAPITAL___MECHNVIL 23645	32.98 1.99 0.00	39.95 2.55 0.00	36.38 2.22 0.00	39.39 2.20 0.00	31.03 1.77 0.00	28.27 1.76 0.00	35.94 2.18 0.00	40.64 2.56 0.00	44.72 2.79 0.00	47.27 2.77 0.00	42.42 2.41 0.00	53.32 2.81 0.00	55.86 3.23 0.00	67.45 4.14 0.00	72.55 4.74 0.00	71.31 4.98 0.00	83.91 5.92 0.00	157.53 11.95 0.00	126.64 8.27 -19.80	72.90 5.53 0.00	93.84 5.61 -19.80	160.19 4.99 -92.31	51.31 3.57 0.00	51.50 3.32 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.89 -0.10 0.00	37.03 -0.36 0.00	33.83 -0.33 0.00	36.66 -0.52 0.00	28.81 -0.46 0.00	26.14 -0.37 0.00	33.39 -0.37 0.00	37.75 -0.34 0.00	41.83 -0.10 0.00	44.75 0.24 0.00	40.55 0.54 0.00	51.57 1.06 0.00	53.67 1.05 0.00	64.61 1.31 0.00	68.91 1.11 0.00	67.64 1.31 0.00	78.64 0.65 0.00	145.73 0.15 0.00	98.62 0.05 0.00	67.62 0.26 0.00	68.50 0.08 0.00	62.79 -0.11 0.00	47.59 -0.15 0.00	48.07 -0.12 0.00



NEG CENTRAL___DRP 24199	31.61 0.61 -0.01	38.04 0.57 -0.07	34.66 0.49 -0.01	37.55 0.36 0.00	29.55 0.28 0.00	26.85 0.34 0.00	34.26 0.50 0.00	38.91 0.74 -0.09	42.85 0.93 0.00	45.74 1.24 0.00	41.32 1.31 0.00	52.24 1.73 0.00	54.51 1.89 0.00	65.62 2.31 0.00	70.27 2.47 0.00	68.85 2.52 0.00	80.57 2.57 0.00	148.65 3.07 0.00	100.81 2.24 0.00	69.23 1.87 0.00	70.22 1.79 0.00	64.37 1.47 0.00	48.68 0.95 0.00	49.04 0.86 0.00
NEG CENTRAL___INDECK 23768	32.43 1.45 0.00	39.09 1.70 0.00	35.65 1.49 0.00	38.48 1.29 0.00	30.21 0.94 0.00	27.45 0.94 0.00	35.11 1.35 0.00	39.54 1.46 0.00	43.01 1.08 0.00	45.74 1.24 0.00	41.31 1.30 0.00	52.51 2.01 0.00	54.50 1.88 0.00	64.59 1.28 0.00	66.81 -0.99 0.00	66.07 -0.26 0.00	76.93 -1.07 0.00	142.58 -3.00 0.00	96.83 -1.74 0.00	66.84 -0.52 0.00	67.75 -0.68 0.00	62.40 -0.50 0.00	49.01 1.27 0.00	49.55 1.37 0.00
NEG CENTRAL___SENECA 23627	31.77 0.78 0.00	38.12 0.69 -0.04	34.76 0.59 0.00	37.62 0.43 0.00	29.62 0.35 0.00	26.93 0.42 0.00	34.36 0.60 0.00	39.03 0.90 -0.05	43.12 1.19 0.00	46.06 1.56 0.00	41.69 1.68 0.00	52.68 2.18 0.00	54.97 2.35 0.00	66.13 2.83 0.00	70.88 3.08 0.00	69.46 3.13 0.00	81.08 3.09 0.00	149.55 3.98 0.00	101.66 3.09 0.00	70.00 2.64 0.00	70.87 2.44 0.00	64.94 2.05 0.00	49.10 1.37 0.00	49.48 1.29 0.00
NEG CENTRAL___STATE_STREET 24147	31.51 0.51 -0.01	38.03 0.55 -0.09	34.73 0.56 -0.01	37.60 0.41 0.00	29.62 0.36 0.00	26.84 0.33 0.00	34.31 0.55 0.00	38.98 0.78 -0.12	42.70 0.78 0.00	45.62 1.12 0.00	40.97 0.96 0.00	51.91 1.41 0.00	54.15 1.53 0.00	65.21 1.91 0.00	69.76 1.95 0.00	68.24 1.91 0.00	80.20 2.20 0.00	148.95 3.38 0.00	101.04 2.47 0.00	69.21 1.85 0.00	70.44 2.01 0.00	64.63 1.73 0.00	48.85 1.11 0.00	49.18 1.00 0.00
NEG MILLWOOD___DRP 24198	33.46 2.47 0.00	40.30 2.90 0.00	36.67 2.51 0.00	39.53 2.34 0.00	31.20 1.94 0.00	28.51 2.00 0.00	36.29 2.52 0.00	41.09 3.01 0.00	45.38 3.45 0.00	48.29 3.79 0.00	43.46 3.45 0.00	54.62 4.11 0.00	57.49 4.87 0.00	69.35 6.05 0.00	74.68 6.87 0.00	73.66 7.33 0.00	86.95 8.96 0.00	161.44 15.87 0.00	110.53 10.03 -1.94	73.90 6.53 0.00	76.56 6.19 -1.94	77.43 5.51 -9.02	51.93 4.20 0.00	52.19 4.01 0.00
NEG NORTH_FLCN_SEA 23793	30.85 -0.13 0.00	37.00 -0.40 0.00	33.91 -0.25 0.00	36.96 -0.23 0.00	29.15 -0.11 0.00	26.43 -0.08 0.00	33.78 0.02 0.00	38.16 0.08 0.00	41.88 -0.05 0.00	44.14 -0.37 0.00	39.58 -0.43 0.00	49.35 -1.15 0.00	50.24 -2.38 0.00	60.09 -3.21 0.00	64.05 -3.75 0.00	60.84 -5.32 0.17	45.12 -6.42 26.45	122.62 -9.73 13.23	91.91 -6.65 0.00	62.99 -4.37 0.00	64.27 -4.16 0.00	59.57 -3.32 0.00	46.27 -1.47 0.00	47.63 -0.55 0.00
NEG NORTH_KES_CHATEGAY 23792	30.38 -0.61 0.00	36.37 -1.03 0.00	33.40 -0.75 0.00	36.51 -0.68 0.00	28.78 -0.49 0.00	25.98 -0.54 0.00	33.21 -0.55 0.00	37.48 -0.60 0.00	41.20 -0.73 0.00	43.57 -0.93 0.00	39.11 -0.90 0.00	49.25 -1.25 0.00	50.63 -1.99 0.00	60.69 -2.62 0.00	64.54 -3.26 0.00	61.44 -4.68 0.20	46.48 -5.52 26.00	124.39 -8.19 13.00	93.18 -5.39 0.00	64.06 -3.30 0.00	65.35 -3.08 0.00	60.25 -2.64 0.00	46.14 -1.59 0.00	47.12 -1.07 0.00
NEG NORTH___ALICE_FALLS 23915	30.91 -0.07 0.00	37.03 -0.37 0.00	33.95 -0.21 0.00	37.01 -0.18 0.00	29.17 -0.09 0.00	26.44 -0.07 0.00	33.80 0.04 0.00	38.19 0.11 0.00	41.95 0.02 0.00	44.29 -0.21 0.00	39.77 -0.24 0.00	49.76 -0.75 0.00	50.94 -1.68 0.00	60.93 -2.37 0.00	64.93 -2.88 0.00	61.66 -4.50 0.17	46.25 -5.36 26.38	124.67 -7.72 13.19	93.43 -5.14 0.00	64.09 -3.27 0.00	65.35 -3.08 0.00	60.50 -2.40 0.00	46.64 -1.10 0.00	47.83 -0.35 0.00
NEG NORTH___LWR_SARANAC 23913	30.91 -0.07 0.00	37.03 -0.37 0.00	33.95 -0.21 0.00	37.01 -0.18 0.00	29.17 -0.09 0.00	26.44 -0.07 0.00	33.80 0.04 0.00	38.19 0.11 0.00	41.95 0.02 0.00	44.29 -0.21 0.00	39.77 -0.24 0.00	49.76 -0.75 0.00	50.94 -1.68 0.00	60.93 -2.37 0.00	64.93 -2.88 0.00	61.66 -4.50 0.17	46.25 -5.36 26.38	124.67 -7.72 13.19	93.43 -5.14 0.00	64.09 -3.27 0.00	65.35 -3.08 0.00	60.50 -2.40 0.00	46.64 -1.10 0.00	47.83 -0.35 0.00
NEG NORTH___PLATTSBURG 23628	30.91 -0.07 0.00	37.03 -0.36 0.00	33.95 -0.20 0.00	37.01 -0.18 0.00	29.17 -0.09 0.00	26.44 -0.07 0.00	33.80 0.04 0.00	38.19 0.11 0.00	41.95 0.02 0.00	44.29 -0.21 0.00	39.77 -0.24 0.00	49.76 -0.75 0.00	50.94 -1.68 0.00	60.93 -2.37 0.00	64.93 -2.88 0.00	61.66 -4.50 0.17	46.25 -5.36 26.38	124.66 -7.72 13.19	93.44 -5.13 0.00	64.09 -3.27 0.00	65.35 -3.08 0.00	60.50 -2.40 0.00	46.64 -1.10 0.00	47.83 -0.35 0.00
NEG WEST_LEA_LOCKPORT 23791	30.87 -0.11 0.00	36.94 -0.46 0.00	33.81 -0.35 0.00	36.46 -0.73 0.00	28.65 -0.62 0.00	25.97 -0.54 0.00	33.16 -0.60 0.00	37.21 -0.87 0.00	41.28 -0.65 0.00	44.34 -0.17 0.00	40.27 0.26 0.00	51.48 0.97 0.00	53.15 0.53 0.00	63.67 0.37 0.00	67.59 -0.22 0.00	66.51 0.18 0.00	76.54 -1.46 0.00	141.25 -4.33 0.00	95.52 -3.05 0.00	65.92 -1.45 0.00	66.87 -1.56 0.00	61.22 -1.68 0.00	46.71 -1.03 0.00	47.63 -0.55 0.00
NEG WEST___LANCASTR 23811	31.22 0.24 0.00	37.39 -0.01 0.00	34.18 0.02 0.00	36.86 -0.33 0.00	28.94 -0.33 0.00	26.28 -0.23 0.00	33.59 -0.17 0.00	38.03 -0.05 0.00	42.28 0.35 0.00	45.43 0.93 0.00	41.14 1.13 0.00	52.44 1.93 0.00	54.33 1.71 0.00	65.24 1.93 0.00	69.48 1.67 0.00	68.41 2.08 0.00	79.09 1.10 0.00	146.09 0.52 0.00	98.58 0.01 0.00	67.73 0.36 0.00	68.78 0.35 0.00	62.95 0.05 0.00	47.86 0.12 0.00	48.63 0.45 0.00
NEG_PENN_ALLEGHNY 23528	31.62 0.62 -0.01	38.18 0.74 -0.04	34.77 0.60 0.00	37.66 0.47 0.00	29.58 0.31 0.00	26.94 0.42 0.00	34.32 0.56 0.00	38.98 0.85 -0.06	43.03 1.10 0.00	45.86 1.36 0.00	41.31 1.30 0.00	52.13 1.62 0.00	54.43 1.81 0.00	65.59 2.29 0.00	70.43 2.62 0.00	69.03 2.70 0.00	81.04 3.05 0.00	150.56 4.98 0.00	102.39 3.03 -0.79	69.43 2.07 0.00	71.28 2.06 -0.79	68.44 1.85 -3.70	49.03 1.29 0.00	49.42 1.24 0.00
NEG___GEN_MONROE 24207	31.69 0.70 0.00	37.96 0.56 0.00	34.68 0.52 0.00	37.52 0.32 0.00	29.47 0.21 0.00	26.74 0.23 0.00	34.19 0.42 0.00	38.63 0.55 0.00	42.83 0.90 0.00	45.85 1.35 0.00	41.58 1.57 0.00	53.00 2.49 0.00	55.03 2.41 0.00	66.24 2.94 0.00	70.47 2.66 0.00	69.40 3.07 0.00	80.14 2.14 0.00	148.48 2.90 0.00	100.43 1.86 0.00	68.97 1.61 0.00	69.85 1.42 0.00	64.16 1.26 0.00	48.73 0.99 0.00	49.28 1.10 0.00
NEPA___ENERGY 23901	31.40 0.42 0.00	37.64 0.24 0.00	34.31 0.15 0.00	36.93 -0.26 0.00	28.94 -0.32 0.00	26.39 -0.12 0.00	33.72 -0.04 0.00	38.45 0.37 0.00	42.81 0.88 0.00	46.02 1.52 0.00	41.57 1.56 0.00	52.80 2.30 0.00	54.99 2.37 0.00	66.06 2.76 0.00	70.53 2.72 0.00	69.38 3.05 0.00	80.59 2.60 0.00	148.62 3.04 0.00	100.11 1.54 0.00	68.58 1.21 0.00	69.67 1.24 0.00	64.03 1.13 0.00	48.54 0.80 0.00	49.27 1.09 0.00

NEVERSINK___HYD 23608	32.48 1.49 0.00	39.11 1.71 0.00	35.59 1.43 0.00	38.41 1.22 0.00	30.30 1.04 0.00	27.66 1.15 0.00	35.19 1.43 0.00	39.82 1.74 0.00	43.91 1.98 0.00	46.79 2.29 0.00	42.08 2.07 0.00	52.96 2.46 0.00	55.46 2.84 0.00	65.31 2.00 0.00	70.48 2.68 0.00	69.03 3.03 0.33	82.13 4.13 0.00	152.62 7.05 0.00	104.76 4.18 -2.01	69.92 2.55 0.00	72.90 2.46 -2.01	76.06 3.79 -9.37	50.54 2.80 0.00	50.74 2.56 0.00
NEWKRMKL_115KV_TB1 55635	31.89 0.91 0.00	38.67 1.27 0.00	35.24 1.09 0.00	38.15 0.96 0.00	30.09 0.82 0.00	27.41 0.89 0.00	34.79 1.03 0.00	39.26 1.18 0.00	43.20 1.27 0.00	45.65 1.15 0.00	40.97 0.96 0.00	51.47 0.97 0.00	53.85 1.23 0.00	65.02 1.71 0.00	69.81 2.00 0.00	68.52 2.20 0.00	80.74 2.75 0.00	151.00 5.43 0.00	114.86 3.47 -12.83	69.61 2.24 0.00	83.51 2.25 -12.83	124.67 1.99 -59.79	49.26 1.52 0.00	49.64 1.46 0.00
NEWTON___FALLS_HYD 23847	30.69 -0.30 -0.01	37.04 -0.40 -0.04	33.86 -0.31 0.00	36.94 -0.25 0.00	28.94 -0.33 0.00	26.17 -0.34 0.00	33.50 -0.26 0.00	37.80 -0.34 -0.05	41.27 -0.67 0.00	43.99 -0.52 0.00	39.46 -0.55 0.00	50.18 -0.33 0.00	51.61 -1.02 0.00	61.50 -1.80 0.00	65.77 -2.04 0.00	62.35 -2.87 1.11	61.50 -2.52 13.97	135.77 -2.81 6.99	97.12 -1.45 0.00	66.03 -1.33 0.00	67.21 -1.22 0.00	62.27 -0.62 0.00	47.25 -0.48 0.00	47.55 -0.64 0.00
NGRID_A1_DSASP 323792	30.39 -0.60 0.00	36.37 -1.03 0.00	33.32 -0.84 0.00	35.96 -1.23 0.00	28.26 -1.01 0.00	25.59 -0.92 0.00	32.66 -1.10 0.00	36.70 -1.38 0.00	40.73 -1.20 0.00	43.60 -0.90 0.00	39.61 -0.40 0.00	50.67 0.17 0.00	52.23 -0.39 0.00	62.56 -0.74 0.00	66.36 -1.44 0.00	65.29 -1.04 0.00	75.13 -2.87 0.00	138.60 -6.98 0.00	93.75 -4.82 0.00	64.69 -2.67 0.00	65.49 -2.94 0.00	59.94 -2.95 0.00	45.82 -1.92 0.00	46.87 -1.31 0.00
NGRID_A2_DSASP 323793	30.39 -0.60 0.00	36.37 -1.03 0.00	33.32 -0.84 0.00	35.96 -1.23 0.00	28.26 -1.01 0.00	25.59 -0.92 0.00	32.66 -1.10 0.00	36.70 -1.38 0.00	40.73 -1.20 0.00	43.60 -0.90 0.00	39.61 -0.40 0.00	50.67 0.17 0.00	52.23 -0.39 0.00	62.56 -0.74 0.00	66.36 -1.44 0.00	65.29 -1.04 0.00	75.13 -2.87 0.00	138.60 -6.98 0.00	93.75 -4.82 0.00	64.69 -2.67 0.00	65.49 -2.94 0.00	59.94 -2.95 0.00	45.82 -1.92 0.00	46.87 -1.31 0.00
NGRID_A4_DSASP 323807	30.39 -0.60 0.00	36.37 -1.03 0.00	33.32 -0.84 0.00	35.96 -1.23 0.00	28.26 -1.01 0.00	25.59 -0.92 0.00	32.66 -1.10 0.00	36.70 -1.38 0.00	40.73 -1.20 0.00	43.60 -0.90 0.00	39.61 -0.40 0.00	50.67 0.17 0.00	52.23 -0.39 0.00	62.56 -0.74 0.00	66.36 -1.44 0.00	65.29 -1.04 0.00	75.13 -2.87 0.00	138.60 -6.98 0.00	93.75 -4.82 0.00	64.69 -2.67 0.00	65.49 -2.94 0.00	59.94 -2.95 0.00	45.82 -1.92 0.00	46.87 -1.31 0.00
NIAGARA_115E_LBMP 323715	30.62 -0.36 0.00	36.64 -0.76 0.00	33.55 -0.61 0.00	36.22 -0.97 0.00	28.45 -0.82 0.00	25.77 -0.74 0.00	32.89 -0.87 0.00	36.85 -1.23 0.00	40.88 -1.05 0.00	43.93 -0.57 0.00	39.92 -0.09 0.00	51.06 0.55 0.00	52.67 0.05 0.00	63.08 -0.22 0.00	66.94 -0.87 0.00	65.85 -0.48 0.00	75.80 -2.19 0.00	139.92 -5.66 0.00	94.64 -3.92 0.00	65.29 -2.08 0.00	66.16 -2.27 0.00	60.56 -2.34 0.00	46.24 -1.50 0.00	47.20 -0.98 0.00
NIAGARA_115W_LBMP 323714	30.32 -0.66 0.00	36.29 -1.11 0.00	33.25 -0.91 0.00	35.89 -1.30 0.00	28.21 -1.06 0.00	25.54 -0.97 0.00	32.59 -1.17 0.00	36.62 -1.46 0.00	40.63 -1.29 0.00	43.50 -1.01 0.00	39.52 -0.49 0.00	50.54 0.04 0.00	52.09 -0.53 0.00	62.40 -0.91 0.00	66.19 -1.62 0.00	65.10 -1.23 0.00	74.91 -3.09 0.00	138.18 -7.40 0.00	93.48 -5.09 0.00	64.50 -2.86 0.00	65.32 -3.11 0.00	59.78 -3.11 0.00	45.69 -2.05 0.00	46.75 -1.44 0.00
NIAGARA_230_LBMP 323716	30.56 -0.43 0.00	36.58 -0.82 0.00	33.50 -0.66 0.00	36.17 -1.02 0.00	28.41 -0.86 0.00	25.74 -0.77 0.00	32.85 -0.91 0.00	36.96 -1.12 0.00	41.07 -0.86 0.00	44.07 -0.43 0.00	40.01 0.00 0.00	51.18 0.67 0.00	52.80 0.18 0.00	63.22 -0.08 0.00	67.10 -0.71 0.00	66.05 -0.28 0.00	76.13 -1.86 0.00	140.58 -5.00 0.00	95.11 -3.46 0.00	65.54 -1.82 0.00	66.37 -2.06 0.00	60.73 -2.17 0.00	46.36 -1.38 0.00	47.29 -0.89 0.00
NIAGARA___115KV_198_GIBSON 55903	30.32 -0.66 0.00	36.29 -1.11 0.00	33.26 -0.90 0.00	35.88 -1.31 0.00	28.20 -1.06 0.00	25.54 -0.97 0.00	32.59 -1.17 0.00	36.62 -1.46 0.00	40.65 -1.28 0.00	43.50 -1.01 0.00	39.51 -0.50 0.00	50.55 0.04 0.00	52.10 -0.52 0.00	62.39 -0.91 0.00	66.19 -1.62 0.00	65.14 -1.19 0.00	74.93 -3.06 0.00	138.19 -7.39 0.00	93.44 -5.13 0.00	64.52 -2.84 0.00	65.31 -3.12 0.00	59.79 -3.11 0.00	45.69 -2.05 0.00	46.75 -1.43 0.00
NIAGARA____ 23760	30.56 -0.43 0.00	36.58 -0.82 0.00	33.50 -0.66 0.00	36.17 -1.02 0.00	28.41 -0.86 0.00	25.74 -0.77 0.00	32.85 -0.91 0.00	36.96 -1.12 0.00	41.07 -0.86 0.00	44.07 -0.43 0.00	40.01 0.00 0.00	51.18 0.67 0.00	52.80 0.18 0.00	63.22 -0.08 0.00	67.10 -0.71 0.00	66.05 -0.28 0.00	76.13 -1.86 0.00	140.58 -5.00 0.00	95.11 -3.46 0.00	65.54 -1.82 0.00	66.37 -2.06 0.00	60.73 -2.17 0.00	46.36 -1.38 0.00	47.29 -0.89 0.00
NINE_MILE_1 23575	30.16 -0.73 0.09	35.84 -0.93 0.63	33.24 -0.87 0.05	36.27 -0.92 0.00	28.49 -0.77 0.00	25.83 -0.68 0.00	32.90 -0.87 0.00	36.28 -0.94 0.86	40.94 -0.99 0.00	43.53 -0.97 0.00	39.19 -0.82 0.00	49.53 -0.97 0.00	51.61 -1.02 0.00	62.08 -1.22 0.00	66.41 -1.39 0.00	65.03 -1.30 0.00	76.37 -1.62 0.00	142.30 -3.28 0.00	96.31 -2.25 0.00	65.83 -1.53 0.00	66.88 -1.56 0.00	61.42 -1.47 0.00	46.56 -1.17 0.00	46.95 -1.23 0.00
NINE_MILE_2 23744	30.16 -0.73 0.10	35.83 -0.93 0.64	33.24 -0.87 0.05	36.27 -0.92 0.00	28.49 -0.77 0.00	25.83 -0.68 0.00	32.90 -0.87 0.00	36.27 -0.94 0.87	40.94 -0.99 0.00	43.53 -0.97 0.00	39.19 -0.82 0.00	49.53 -0.97 0.00	51.60 -1.02 0.00	62.08 -1.22 0.00	66.41 -1.39 0.00	65.03 -1.30 0.00	76.37 -1.62 0.00	142.29 -3.29 0.00	96.31 -2.25 0.00	65.83 -1.53 0.00	66.88 -1.56 0.00	61.42 -1.47 0.00	46.56 -1.17 0.00	46.95 -1.23 0.00
NM_CAPITAL___DRP 24208	31.92 0.94 0.00	38.72 1.33 0.00	35.31 1.15 0.00	38.22 1.03 0.00	30.14 0.88 0.00	27.46 0.95 0.00	34.84 1.08 0.00	39.28 1.20 0.00	43.24 1.30 0.00	45.67 1.16 0.00	40.98 0.97 0.00	51.48 0.97 0.00	53.85 1.23 0.00	65.01 1.70 0.00	69.80 1.99 0.00	68.51 2.18 0.00	80.74 2.75 0.00	151.04 5.46 0.00	114.69 3.44 -12.68	69.60 2.23 0.00	83.35 2.24 -12.68	124.02 2.00 -59.13	49.27 1.53 0.00	49.65 1.47 0.00
NM_CENTRAL___DRP 24181	31.04 0.05 -0.01	38.12 0.00 -0.73	34.10 -0.06 0.00	37.09 -0.10 0.00	29.13 -0.13 0.00	26.45 -0.07 0.00	33.70 -0.06 0.00	39.88 0.02 -1.79	45.14 0.11 -3.10	52.24 0.26 -7.47	40.35 0.34 0.00	53.93 0.55 -2.88	53.23 0.61 0.00	64.11 0.81 0.00	68.61 0.80 0.00	67.23 0.90 0.00	78.96 0.96 0.00	146.96 1.39 0.00	99.39 0.82 0.00	67.92 0.55 0.00	68.95 0.52 0.00	63.27 0.37 0.00	47.88 0.14 0.00	48.23 0.05 0.00

NM_FRONTIER___DRP 24179	30.32 -0.66 0.00	36.29 -1.11 0.00	33.26 -0.90 0.00	35.88 -1.31 0.00	28.20 -1.06 0.00	25.54 -0.97 0.00	32.59 -1.17 0.00	36.62 -1.46 0.00	40.65 -1.28 0.00	43.50 -1.01 0.00	39.51 -0.50 0.00	50.55 0.04 0.00	52.10 -0.52 0.00	62.39 -0.91 0.00	66.19 -1.62 0.00	65.14 -1.19 0.00	74.93 -3.06 0.00	138.19 -7.39 0.00	93.44 -5.13 0.00	64.52 -2.84 0.00	65.31 -3.12 0.00	59.79 -3.11 0.00	45.69 -2.05 0.00	46.75 -1.43 0.00
NM_ST_REGIS___HYD 24053	29.78 -1.21 0.00	35.79 -1.62 -0.02	32.92 -1.23 0.00	36.04 -1.16 0.00	28.23 -1.04 0.00	25.41 -1.11 0.00	32.57 -1.19 0.00	36.75 -1.35 -0.02	40.29 -1.64 0.00	42.70 -1.80 0.00	38.31 -1.70 0.00	48.64 -1.87 0.00	50.10 -2.52 0.00	59.74 -3.57 0.00	63.60 -4.20 0.00	60.80 -5.01 0.52	50.69 -5.48 21.83	126.36 -8.30 10.92	93.24 -5.33 0.00	63.89 -3.47 0.00	65.12 -3.31 0.00	60.18 -2.72 0.00	45.79 -1.94 0.00	46.45 -1.74 0.00
NORTHPORT___1 23551	33.67 2.21 -0.48	42.06 2.72 -1.94	40.06 2.53 -3.37	39.34 2.15 0.00	31.11 1.84 0.00	28.45 1.94 0.00	36.09 2.33 0.00	40.65 2.57 0.00	26.44 2.54 18.03	24.83 2.70 22.37	41.16 2.45 1.30	52.63 2.45 0.33	56.67 3.73 -0.31	66.12 4.64 1.83	34.94 5.30 38.17	35.53 5.90 36.70	89.36 7.41 -3.95	161.49 12.62 -3.29	107.77 7.83 -1.38	72.00 5.07 0.43	74.22 4.65 -1.14	74.76 3.97 -7.90	54.85 3.42 -3.70	60.71 3.59 -8.94
NORTHPORT___2 23552	33.67 2.21 -0.48	42.06 2.72 -1.94	40.06 2.53 -3.37	39.34 2.15 0.00	31.11 1.84 0.00	28.45 1.94 0.00	36.09 2.33 0.00	40.65 2.57 0.00	26.44 2.54 18.03	24.79 2.70 22.42	40.76 2.45 1.70	41.83 2.45 11.12	42.09 3.73 14.26	41.24 4.64 26.71	34.93 5.30 38.17	35.50 5.90 36.73	40.23 7.41 45.17	40.14 12.62 118.05	38.98 7.83 67.41	19.85 5.07 52.58	19.90 4.65 53.18	21.58 3.97 45.28	40.83 3.42 10.33	41.76 3.59 10.01
NORTHPORT___3 23553	33.63 2.17 -0.48	42.02 2.68 -1.94	39.99 2.46 -3.37	39.34 2.14 0.00	31.07 1.80 0.00	28.42 1.91 0.00	36.08 2.32 0.00	40.60 2.52 0.00	26.32 2.41 18.02	24.68 2.60 22.42	40.71 2.40 1.70	41.89 2.52 11.13	42.06 3.71 14.26	41.23 4.64 26.72	34.97 5.34 38.18	35.57 5.98 36.73	40.70 7.47 44.77	40.39 12.75 117.94	38.89 7.73 67.41	19.68 4.89 52.57	19.67 4.42 53.18	21.45 3.83 45.27	40.63 3.22 10.33	41.39 3.22 10.01
NORTHPORT___4 23650	33.63 2.17 -0.48	42.02 2.68 -1.94	39.99 2.46 -3.37	39.34 2.14 0.00	31.07 1.80 0.00	28.42 1.91 0.00	36.08 2.32 0.00	40.60 2.52 0.00	26.32 2.41 18.02	24.68 2.60 22.42	40.71 2.40 1.70	41.89 2.52 11.13	42.06 3.71 14.26	41.23 4.64 26.72	34.97 5.34 38.18	35.57 5.98 36.73	40.70 7.47 44.77	40.39 12.75 117.94	38.89 7.73 67.41	19.68 4.89 52.57	19.67 4.42 53.18	21.45 3.83 45.27	40.63 3.22 10.33	41.39 3.22 10.01
NORTHPORT___IC 23718	33.67 2.21 -0.48	42.06 2.72 -1.94	40.06 2.53 -3.37	39.35 2.16 0.00	31.11 1.84 0.00	28.45 1.94 0.00	36.08 2.32 0.00	40.65 2.57 0.00	26.44 2.54 18.03	24.79 2.70 22.42	40.76 2.45 1.69	41.83 2.45 11.12	42.09 3.73 14.26	41.24 4.65 26.71	34.93 5.30 38.17	35.50 5.89 36.72	40.23 7.41 45.17	40.17 12.64 118.05	38.98 7.83 67.41	19.85 5.07 52.58	19.92 4.67 53.18	21.58 3.97 45.28	40.83 3.43 10.34	41.76 3.59 10.02
NORTH___COUNTRY_ESR 323785	30.26 -0.72 0.00	36.27 -1.13 0.00	33.32 -0.84 0.00	36.41 -0.78 0.00	28.71 -0.56 0.00	25.91 -0.60 0.00	33.14 -0.62 0.00	37.41 -0.67 0.00	41.14 -0.79 0.00	43.57 -0.94 0.00	39.10 -0.91 0.00	49.25 -1.26 0.00	50.60 -2.02 0.00	60.58 -2.73 0.00	64.52 -3.29 0.00	61.44 -4.69 0.20	46.48 -5.52 25.99	124.09 -8.49 13.00	93.04 -5.52 0.00	63.81 -3.55 0.00	65.06 -3.37 0.00	59.93 -2.97 0.00	45.92 -1.82 0.00	46.92 -1.26 0.00
NPX_GEN_1385_PROXY 323591	33.38 1.92 -0.48	41.51 2.17 -1.94	39.68 2.15 -3.37	38.40 1.21 0.00	30.47 1.21 0.00	28.05 1.54 0.00	33.86 1.56 1.47	40.72 2.02 -0.62	26.13 2.23 18.03	24.75 2.63 22.38	41.71 3.07 1.37	51.83 3.62 2.29	55.44 5.16 2.34	63.00 6.06 6.36	35.92 6.28 38.17	36.51 6.89 36.70	82.18 9.18 5.00	143.82 17.05 18.82	98.21 10.80 11.16	109.13 7.07 -34.70	65.67 6.00 8.76	66.14 5.04 1.80	53.24 4.37 -1.14	58.02 4.35 -5.48
NPX_GEN_CSC 323557	34.27 2.81 -0.48	42.69 3.35 -1.94	40.53 3.00 -3.37	39.84 2.65 0.00	31.48 2.21 0.00	28.82 2.31 0.00	35.18 2.88 1.47	41.96 3.26 -0.62	45.31 3.38 0.00	48.08 3.58 0.00	43.25 3.24 0.00	54.04 3.53 0.00	83.90 4.99 -26.29	127.30 6.27 -57.72	116.46 6.99 -41.66	141.74 7.60 -67.81	193.32 9.35 -105.97	244.96 15.97 -83.41	133.00 10.08 -24.35	114.04 6.64 -40.03	103.47 6.18 -28.85	77.66 5.26 -9.51	56.33 4.36 -4.24	62.14 4.35 -9.61
NSINS_S_GLNS_FALLS 23858	33.20 2.22 0.00	40.25 2.85 0.00	36.69 2.53 0.00	39.74 2.55 0.00	31.31 2.05 0.00	28.56 2.04 0.00	36.33 2.57 0.00	41.13 3.04 0.00	45.25 3.32 0.00	47.70 3.20 0.00	42.57 2.56 0.00	53.72 3.22 0.00	56.02 3.40 0.00	67.77 4.47 0.00	72.91 5.11 0.00	71.70 5.37 0.00	84.43 6.44 0.00	159.04 13.47 0.00	129.08 9.64 -20.87	73.94 6.57 -0.01	95.92 6.62 -20.87	165.89 5.69 -97.30	51.55 3.82 0.00	51.65 3.47 0.00
NUCOR_STEEL___DRP 24197	31.45 0.45 -0.01	37.98 0.49 -0.10	34.69 0.53 -0.01	37.55 0.36 0.00	29.58 0.32 0.00	26.80 0.29 0.00	34.27 0.51 0.00	38.94 0.73 -0.13	42.62 0.69 0.00	45.54 1.04 0.00	40.87 0.86 0.00	51.82 1.32 0.00	54.05 1.43 0.00	65.06 1.75 0.00	69.49 1.69 0.00	68.02 1.69 0.00	79.91 1.92 0.00	148.52 2.94 0.00	100.64 2.07 0.00	68.91 1.55 0.00	70.20 1.77 0.00	64.45 1.55 0.00	48.75 1.02 0.00	49.11 0.92 0.00
NUMBER_THREE_WT_PWR 323818	31.77 0.78 -0.01	38.27 0.83 -0.05	34.89 0.73 0.00	38.04 0.86 0.00	29.88 0.62 0.00	27.08 0.57 0.00	34.58 0.82 0.00	39.01 0.87 -0.06	42.61 0.68 0.00	45.46 0.96 0.00	40.78 0.77 0.00	51.72 1.21 0.00	53.36 0.74 0.00	63.69 0.38 0.00	68.26 0.46 0.00	63.43 -0.82 2.08	72.57 -0.01 5.40	144.95 2.08 2.70	100.87 2.30 0.00	68.04 0.68 0.00	69.17 0.73 0.00	64.09 1.20 0.00	48.65 0.91 0.00	48.89 0.71 0.00
NYISO_LBMP_REFERENCE 24008	30.99 0.00 0.00	37.40 0.00 0.00	34.16 0.00 0.00	37.19 0.00 0.00	29.26 0.00 0.00	26.51 0.00 0.00	33.76 0.00 0.00	38.08 0.00 0.00	41.93 0.00 0.00	44.50 0.00 0.00	40.01 0.00 0.00	50.50 0.00 0.00	52.62 0.00 0.00	63.30 0.00 0.00	67.81 0.00 0.00	66.33 0.00 0.00	77.99 0.00 0.00	145.58 0.00 0.00	98.57 0.00 0.00	67.36 0.00 0.00	68.43 0.00 0.00	62.90 0.00 0.00	47.74 0.00 0.00	48.18 0.00 0.00
NYPA_BRENTWD____GT 24164	34.39 2.93 -0.48	42.86 3.52 -1.94	40.72 3.18 -3.37	40.03 2.84 0.00	31.65 2.39 0.00	28.96 2.45 0.00	36.78 3.02 0.00	41.47 3.40 0.00	45.45 3.52 0.00	48.26 3.76 0.00	43.30 3.29 0.00	53.74 3.24 0.00	62.74 4.58 -5.54	81.17 5.70 -12.16	83.00 6.42 -8.78	87.63 7.01 -14.29	111.87 8.78 -25.09	178.11 15.19 -17.34	114.33 9.55 -6.22	81.98 6.18 -8.44	81.67 5.79 -7.45	77.38 4.98 -9.51	56.60 4.49 -4.38	62.55 4.64 -9.72

NYPA_GOWANUS____GT5 24156	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.26 3.77 0.00	43.33 3.31 0.00	54.16 3.66 0.00	57.17 4.55 0.00	69.00 5.69 0.00	74.30 6.49 0.00	73.26 6.93 0.00	86.15 8.15 0.00	159.20 13.62 0.00	108.88 8.45 -1.86	73.09 5.72 0.00	75.63 5.34 -1.86	76.40 4.82 -8.68	51.64 3.90 0.00	51.96 3.78 0.00
NYPA_GOWANUS____GT6 24157	33.55 2.56 0.00	40.27 2.87 0.00	36.74 2.59 0.00	39.44 2.25 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.26 3.77 0.00	43.33 3.31 0.00	54.16 3.66 0.00	57.17 4.55 0.00	69.00 5.69 0.00	74.30 6.49 0.00	73.26 6.93 0.00	86.15 8.15 0.00	159.20 13.62 0.00	108.88 8.45 -1.86	73.09 5.72 0.00	75.63 5.34 -1.86	76.40 4.82 -8.68	51.64 3.90 0.00	51.96 3.78 0.00
NYPA_HARLEM__RVR__GT1 24160	33.32 2.33 0.00	40.04 2.64 0.00	36.54 2.38 0.00	39.29 2.10 0.00	31.16 1.89 0.00	28.49 1.98 0.00	36.23 2.47 0.00	41.02 2.94 0.00	45.26 3.33 0.00	48.10 3.60 0.00	43.16 3.14 0.00	54.01 3.51 0.00	57.05 4.43 0.00	68.83 5.52 0.00	74.15 6.34 0.00	73.08 6.76 0.00	86.03 8.03 0.00	159.19 13.62 0.00	108.85 8.42 -1.86	72.84 5.47 0.00	75.39 5.10 -1.86	76.21 4.63 -8.68	51.50 3.76 0.00	51.89 3.71 0.00
NYPA_HARLEM__RVR__GT2 24161	33.32 2.33 0.00	40.04 2.64 0.00	36.54 2.38 0.00	39.29 2.10 0.00	31.16 1.89 0.00	28.49 1.98 0.00	36.23 2.47 0.00	41.02 2.94 0.00	45.26 3.33 0.00	48.10 3.60 0.00	43.16 3.14 0.00	54.01 3.51 0.00	57.05 4.43 0.00	68.83 5.52 0.00	74.15 6.34 0.00	73.08 6.76 0.00	86.03 8.03 0.00	159.19 13.62 0.00	108.85 8.42 -1.86	72.84 5.47 0.00	75.39 5.10 -1.86	76.21 4.63 -8.68	51.50 3.76 0.00	51.89 3.71 0.00
NYPA_KENT____GT 24152	33.49 2.50 0.00	40.24 2.84 0.00	36.70 2.54 0.00	39.42 2.23 0.00	31.24 1.98 0.00	28.59 2.08 0.00	36.34 2.58 0.00	41.09 3.01 0.00	45.36 3.43 0.00	48.24 3.74 0.00	43.27 3.26 0.00	54.09 3.58 0.00	57.07 4.45 0.00	68.88 5.57 0.00	74.17 6.36 0.00	73.14 6.81 0.00	86.06 8.07 0.00	159.14 13.56 0.00	108.80 8.37 -1.86	72.94 5.58 0.00	75.45 5.16 -1.86	76.23 4.65 -8.68	51.53 3.79 0.00	51.87 3.69 0.00
NYPA_POUCH1____GT 24155	33.46 2.47 0.00	40.11 2.72 0.00	36.65 2.49 0.00	39.29 2.10 0.00	31.20 1.94 0.00	28.55 2.04 0.00	36.26 2.50 0.00	40.89 2.81 0.00	45.18 3.25 0.00	48.05 3.55 0.00	43.17 3.16 0.00	53.93 3.43 0.00	56.96 4.34 0.00	68.79 5.48 0.00	74.04 6.24 0.00	73.05 6.73 0.00	86.01 8.02 0.00	159.10 13.52 0.00	108.82 8.39 -1.86	73.01 5.64 0.00	75.53 5.24 -1.86	76.31 4.73 -8.68	51.49 3.75 0.00	51.78 3.60 0.00
NYPA_VERNON____GT2 24162	33.43 2.44 0.00	40.20 2.80 0.00	36.66 2.50 0.00	39.41 2.22 0.00	31.21 1.94 0.00	28.56 2.05 0.00	36.31 2.55 0.00	41.08 3.00 0.00	45.34 3.41 0.00	48.22 3.72 0.00	43.23 3.22 0.00	54.04 3.54 0.00	57.01 4.39 0.00	68.81 5.50 0.00	74.08 6.28 0.00	73.08 6.75 0.00	86.05 8.06 0.00	159.18 13.60 0.00	108.78 8.36 -1.86	72.85 5.49 0.00	75.33 5.03 -1.86	76.12 4.55 -8.68	51.44 3.70 0.00	51.82 3.64 0.00
NYPA_VERNON____GT3 24163	33.43 2.44 0.00	40.20 2.80 0.00	36.66 2.50 0.00	39.41 2.22 0.00	31.21 1.94 0.00	28.56 2.05 0.00	36.31 2.55 0.00	41.08 3.00 0.00	45.34 3.41 0.00	48.22 3.72 0.00	43.23 3.22 0.00	54.04 3.54 0.00	57.01 4.39 0.00	68.81 5.50 0.00	74.08 6.28 0.00	73.08 6.75 0.00	86.05 8.06 0.00	159.18 13.60 0.00	108.78 8.36 -1.86	72.85 5.49 0.00	75.33 5.03 -1.86	76.12 4.55 -8.68	51.44 3.70 0.00	51.82 3.64 0.00
NYPA____ASTORIA_CC1 323568	33.39 2.40 0.00	40.14 2.74 0.00	36.60 2.44 0.00	39.35 2.16 0.00	31.17 1.90 0.00	28.52 2.01 0.00	36.26 2.50 0.00	41.02 2.94 0.00	45.25 3.32 0.00	48.12 3.62 0.00	43.15 3.14 0.00	53.94 3.43 0.00	56.93 4.31 0.00	68.70 5.40 0.00	73.97 6.17 0.00	72.96 6.63 0.00	85.90 7.91 0.00	158.91 13.33 0.00	108.61 8.18 -1.86	72.73 5.36 0.00	75.21 4.92 -1.86	76.01 4.44 -8.68	51.36 3.62 0.00	51.76 3.58 0.00
NYPA____ASTORIA_CC2 323569	33.39 2.40 0.00	40.14 2.74 0.00	36.60 2.44 0.00	39.35 2.16 0.00	31.17 1.90 0.00	28.52 2.01 0.00	36.26 2.50 0.00	41.02 2.94 0.00	45.25 3.32 0.00	48.12 3.62 0.00	43.15 3.14 0.00	53.94 3.43 0.00	56.93 4.31 0.00	68.70 5.40 0.00	73.97 6.17 0.00	72.96 6.63 0.00	85.90 7.91 0.00	158.91 13.33 0.00	108.61 8.18 -1.86	72.73 5.36 0.00	75.21 4.92 -1.86	76.01 4.44 -8.68	51.36 3.62 0.00	51.76 3.58 0.00
NYPA____HOLTSVILL 23794	34.18 2.72 -0.48	42.62 3.28 -1.94	40.49 2.96 -3.37	39.81 2.62 0.00	31.45 2.19 0.00	28.79 2.28 0.00	36.58 2.82 0.00	41.24 3.16 0.00	45.17 3.24 0.00	47.96 3.46 0.00	43.14 3.13 0.00	53.83 3.33 0.00	83.13 4.69 -25.82	125.86 5.87 -56.69	115.31 6.60 -40.91	140.07 7.15 -66.59	190.91 8.83 -104.08	257.01 15.00 -96.43	133.97 9.42 -25.98	112.89 6.21 -39.31	102.49 5.80 -28.25	77.41 5.01 -9.51	56.14 4.17 -4.23	62.00 4.22 -9.60
NYPA____HELLGATE_GT1 24158	33.33 2.35 0.00	40.04 2.64 0.00	36.54 2.38 0.00	39.29 2.10 0.00	31.16 1.89 0.00	28.49 1.98 0.00	36.23 2.47 0.00	41.02 2.94 0.00	45.26 3.33 0.00	48.10 3.60 0.00	43.16 3.14 0.00	54.01 3.51 0.00	57.05 4.43 0.00	68.83 5.52 0.00	74.15 6.34 0.00	73.08 6.76 0.00	86.03 8.03 0.00	159.19 13.62 0.00	108.85 8.42 -1.86	72.84 5.47 0.00	75.39 5.10 -1.86	76.21 4.63 -8.68	51.50 3.76 0.00	51.89 3.71 0.00
NYPA____HELLGATE_GT2 24159	33.33 2.35 0.00	40.04 2.64 0.00	36.54 2.38 0.00	39.29 2.10 0.00	31.16 1.89 0.00	28.49 1.98 0.00	36.23 2.47 0.00	41.02 2.94 0.00	45.26 3.33 0.00	48.10 3.60 0.00	43.16 3.14 0.00	54.01 3.51 0.00	57.05 4.43 0.00	68.83 5.52 0.00	74.15 6.34 0.00	73.08 6.76 0.00	86.03 8.03 0.00	159.19 13.62 0.00	108.85 8.42 -1.86	72.84 5.47 0.00	75.39 5.10 -1.86	76.21 4.63 -8.68	51.50 3.76 0.00	51.89 3.71 0.00
NYS_BARGE____HYD 23848	31.00 0.02 0.00	37.08 -0.32 0.00	33.93 -0.23 0.00	36.60 -0.58 0.00	28.76 -0.51 0.00	26.07 -0.44 0.00	33.29 -0.47 0.00	37.37 -0.71 0.00	41.45 -0.48 0.00	44.54 0.04 0.00	40.46 0.45 0.00	51.73 1.22 0.00	53.42 0.80 0.00	64.01 0.70 0.00	67.95 0.14 0.00	66.85 0.52 0.00	76.94 -1.06 0.00	142.02 -3.55 0.00	96.09 -2.48 0.00	66.27 -1.09 0.00	67.23 -1.20 0.00	61.56 -1.34 0.00	46.95 -0.79 0.00	47.87 -0.32 0.00
OAK ORCHARD____HYD 24046	31.38 0.40 0.00	37.64 0.24 0.00	34.37 0.22 0.00	37.23 0.04 0.00	29.24 -0.02 0.00	26.53 0.02 0.00	33.89 0.13 0.00	38.29 0.21 0.00	42.46 0.53 0.00	45.44 0.94 0.00	41.19 1.18 0.00	52.50 1.99 0.00	54.54 1.92 0.00	65.57 2.27 0.00	69.90 2.09 0.00	68.68 2.34 0.00	79.61 1.62 0.00	147.47 1.90 0.00	99.74 1.17 0.00	68.44 1.08 0.00	69.32 0.89 0.00	63.55 0.65 0.00	48.28 0.55 0.00	48.83 0.65 0.00

OAKDALE___35_KV_LOAD 356122	31.50 0.51 -0.01	38.05 0.61 -0.04	34.66 0.50 0.00	37.54 0.35 0.00	29.49 0.23 0.00	26.85 0.34 0.00	34.21 0.45 0.00	38.83 0.70 -0.05	42.85 0.92 0.00	45.66 1.16 0.00	41.10 1.09 0.00	51.87 1.37 0.00	54.14 1.52 0.00	65.23 1.92 0.00	70.01 2.21 0.00	68.62 2.29 0.00	80.54 2.54 0.00	149.64 4.06 0.00	101.81 2.41 -0.82	69.00 1.64 0.00	70.90 1.65 -0.82	68.24 1.49 -3.85	48.78 1.04 0.00	49.22 1.03 0.00
OCC_CHEM___DRP 24175	30.39 -0.60 0.00	36.37 -1.03 0.00	33.32 -0.83 0.00	35.95 -1.24 0.00	28.26 -1.01 0.00	25.59 -0.92 0.00	32.66 -1.10 0.00	36.71 -1.37 0.00	40.73 -1.19 0.00	43.61 -0.89 0.00	39.61 -0.40 0.00	50.68 0.18 0.00	52.23 -0.39 0.00	62.56 -0.75 0.00	66.38 -1.43 0.00	65.31 -1.01 0.00	75.15 -2.84 0.00	138.60 -6.97 0.00	93.72 -4.85 0.00	64.70 -2.66 0.00	65.49 -2.94 0.00	59.95 -2.95 0.00	45.82 -1.92 0.00	46.86 -1.32 0.00
OH_GEN_PROXY 24063	30.56 -0.43 0.00	36.59 -0.81 0.00	33.50 -0.66 0.00	36.19 -1.00 0.00	28.42 -0.85 0.00	25.75 -0.76 0.00	31.40 -0.89 1.47	37.66 -1.05 -0.62	41.16 -0.77 0.00	44.16 -0.35 0.00	40.06 0.05 0.00	83.74 0.73 -32.51	52.89 0.27 0.00	63.33 0.02 0.00	67.25 -0.56 0.00	66.19 -0.14 0.00	76.35 -1.64 0.00	141.02 -4.56 0.00	95.38 -3.19 0.00	65.69 -1.67 0.00	66.52 -1.91 0.00	60.86 -2.03 0.00	46.44 -1.30 0.00	47.33 -0.85 0.00
OLIN_CORP_DRP 24177	30.64 -0.34 0.00	36.66 -0.74 0.00	33.58 -0.58 0.00	36.22 -0.97 0.00	28.47 -0.79 0.00	25.79 -0.72 0.00	32.91 -0.85 0.00	36.90 -1.19 0.00	40.95 -0.98 0.00	43.99 -0.51 0.00	39.97 -0.04 0.00	51.14 0.63 0.00	52.74 0.12 0.00	63.17 -0.13 0.00	67.04 -0.77 0.00	66.00 -0.33 0.00	75.95 -2.04 0.00	140.13 -5.45 0.00	94.76 -3.80 0.00	65.39 -1.97 0.00	66.26 -2.17 0.00	60.64 -2.25 0.00	46.30 -1.44 0.00	47.26 -0.92 0.00
OLIN_CORP_DSASP 323712	30.39 -0.60 0.00	36.37 -1.03 0.00	33.32 -0.84 0.00	35.96 -1.23 0.00	28.26 -1.01 0.00	25.59 -0.92 0.00	32.66 -1.10 0.00	36.70 -1.38 0.00	40.73 -1.20 0.00	43.60 -0.90 0.00	39.61 -0.40 0.00	50.67 0.17 0.00	52.23 -0.39 0.00	62.56 -0.74 0.00	66.36 -1.44 0.00	65.29 -1.04 0.00	75.13 -2.87 0.00	138.60 -6.98 0.00	93.75 -4.82 0.00	64.69 -2.67 0.00	65.49 -2.94 0.00	59.94 -2.95 0.00	45.82 -1.92 0.00	46.87 -1.31 0.00
ONEIDA_HERK_LFGE 323681	31.97 0.98 0.00	38.54 1.12 -0.02	35.12 0.96 0.00	38.21 1.02 0.00	30.04 0.78 0.00	27.28 0.76 0.00	34.79 1.03 0.00	39.28 1.17 -0.03	43.15 1.21 0.00	45.93 1.43 0.00	41.24 1.23 0.00	52.18 1.67 0.00	54.16 1.55 0.00	65.13 1.82 0.00	69.81 2.00 0.00	68.54 1.48 -0.74	78.47 2.11 1.64	149.54 4.78 0.82	102.24 3.67 0.00	69.53 2.17 0.00	70.68 2.25 0.00	65.16 2.26 0.00	49.35 1.61 0.00	49.59 1.41 0.00
ONEIDA___115KV_TB4 55905	32.27 1.27 0.00	38.90 1.47 -0.03	35.43 1.27 0.00	38.47 1.28 0.00	30.24 0.98 0.00	27.49 0.97 0.00	35.05 1.28 0.00	39.64 1.52 -0.04	43.66 1.73 0.00	46.46 1.96 0.00	41.75 1.74 0.00	52.81 2.31 0.00	55.01 2.38 0.00	66.50 3.19 0.00	71.29 3.49 0.00	69.86 3.29 -0.25	81.90 3.91 0.00	153.02 7.44 0.00	103.77 5.20 0.00	70.96 3.60 0.00	72.13 3.69 0.00	66.27 3.38 0.00	50.08 2.34 0.00	50.30 2.12 0.00
ONONDAGA_REF_OCCRA 23987	31.20 0.20 -0.01	37.65 0.18 -0.07	34.27 0.10 -0.01	37.26 0.07 0.00	29.26 0.00 0.00	26.57 0.06 0.00	33.85 0.09 0.00	38.36 0.18 -0.10	42.23 0.30 0.00	44.96 0.46 0.00	40.52 0.51 0.00	51.26 0.76 0.00	53.47 0.85 0.00	64.43 1.12 0.00	68.94 1.14 0.00	67.55 1.23 0.00	79.38 1.39 0.00	147.73 2.15 0.00	99.95 1.38 0.00	68.26 0.90 0.00	69.30 0.87 0.00	63.57 0.68 0.00	48.11 0.38 0.00	48.45 0.26 0.00
ONONDAGA___COGEN 23986	31.23 0.23 -0.02	37.74 0.23 -0.10	34.33 0.16 -0.01	37.32 0.12 0.00	29.32 0.06 0.00	26.61 0.10 0.00	33.91 0.15 0.00	38.45 0.23 -0.14	42.17 0.24 0.00	44.88 0.38 0.00	40.34 0.33 0.00	51.01 0.51 0.00	53.18 0.56 0.00	64.05 0.75 0.00	68.54 0.73 0.00	67.16 0.83 0.00	78.95 0.95 0.00	146.91 1.33 0.00	99.42 0.86 0.00	67.92 0.56 0.00	69.00 0.57 0.00	63.33 0.43 0.00	47.93 0.19 0.00	48.28 0.09 0.00
ONTARIO___LFGE 23819	31.77 0.78 0.00	38.12 0.69 -0.04	34.75 0.59 0.00	37.63 0.44 0.00	29.62 0.35 0.00	26.93 0.42 0.00	34.37 0.61 0.00	39.03 0.90 -0.05	43.12 1.19 0.00	46.06 1.56 0.00	41.69 1.68 0.00	52.68 2.18 0.00	54.97 2.34 0.00	66.13 2.83 0.00	70.88 3.08 0.00	69.45 3.12 0.00	81.08 3.09 0.00	149.52 3.95 0.00	101.67 3.10 0.00	70.00 2.64 0.00	70.87 2.43 0.00	64.94 2.04 0.00	49.10 1.37 0.00	49.47 1.29 0.00
ORANGEVILLE_WT_PWR 323706	31.37 0.38 0.00	37.56 0.16 0.00	34.34 0.18 0.00	37.02 -0.17 0.00	29.09 -0.18 0.00	26.37 -0.14 0.00	33.62 -0.14 0.00	38.04 -0.04 0.00	42.27 0.34 0.00	45.40 0.90 0.00	41.17 1.16 0.00	52.37 1.86 0.00	54.24 1.62 0.00	64.94 1.64 0.00	69.14 1.33 0.00	68.12 1.79 0.00	78.84 0.84 0.00	145.19 -0.39 0.00	98.46 -0.10 0.00	67.84 0.48 0.00	68.93 0.50 0.00	63.19 0.30 0.00	48.05 0.31 0.00	48.81 0.63 0.00
ORANGEVILLE___ESR 323794	31.37 0.38 0.00	37.56 0.16 0.00	34.34 0.18 0.00	37.02 -0.17 0.00	29.09 -0.18 0.00	26.37 -0.14 0.00	33.62 -0.14 0.00	38.04 -0.04 0.00	42.27 0.34 0.00	45.40 0.90 0.00	41.17 1.16 0.00	52.37 1.86 0.00	54.24 1.62 0.00	64.94 1.64 0.00	69.14 1.33 0.00	68.12 1.79 0.00	78.84 0.84 0.00	145.19 -0.39 0.00	98.46 -0.10 0.00	67.84 0.48 0.00	68.93 0.50 0.00	63.19 0.30 0.00	48.05 0.31 0.00	48.81 0.63 0.00
OSWEGATCHIE___HYD 24044	30.70 -0.30 -0.01	37.03 -0.40 -0.04	33.86 -0.31 0.00	36.94 -0.24 0.00	28.94 -0.33 0.00	26.17 -0.34 0.00	33.50 -0.26 0.00	37.80 -0.34 -0.05	41.26 -0.67 0.00	43.99 -0.51 0.00	39.46 -0.55 0.00	50.18 -0.33 0.00	51.61 -1.02 0.00	61.50 -1.80 0.00	65.77 -2.04 0.00	62.34 -2.87 1.11	61.50 -2.52 13.97	135.77 -2.81 6.99	97.12 -1.45 0.00	66.03 -1.33 0.00	67.21 -1.22 0.00	62.27 -0.62 0.00	47.25 -0.48 0.00	47.55 -0.64 0.00
OSWEGO___5 23606	30.58 -0.48 -0.07	37.27 -0.61 -0.47	33.62 -0.58 -0.04	36.55 -0.64 0.00	28.72 -0.54 0.00	26.05 -0.46 0.00	33.17 -0.59 0.00	38.09 -0.63 -0.64	41.28 -0.65 0.00	43.91 -0.59 0.00	39.53 -0.48 0.00	49.97 -0.53 0.00	52.06 -0.57 0.00	62.61 -0.70 0.00	66.98 -0.83 0.00	65.57 -0.76 0.00	77.02 -0.98 0.00	143.48 -2.10 0.00	97.10 -1.47 0.00	66.37 -0.99 0.00	67.42 -1.01 0.00	61.90 -0.99 0.00	46.91 -0.83 0.00	47.30 -0.88 0.00
OSWEGO___6 23613	30.58 -0.48 -0.07	37.27 -0.61 -0.47	33.62 -0.58 -0.04	36.55 -0.64 0.00	28.72 -0.54 0.00	26.05 -0.46 0.00	33.17 -0.59 0.00	38.09 -0.63 -0.64	41.28 -0.65 0.00	43.91 -0.59 0.00	39.53 -0.48 0.00	49.97 -0.53 0.00	52.06 -0.57 0.00	62.61 -0.70 0.00	66.98 -0.83 0.00	65.57 -0.76 0.00	77.02 -0.98 0.00	143.48 -2.10 0.00	97.10 -1.47 0.00	66.37 -0.99 0.00	67.42 -1.01 0.00	61.90 -0.99 0.00	46.91 -0.83 0.00	47.30 -0.88 0.00

OUTOKUMPU-AB___DRP 24206	31.26 0.28 0.00	37.40 0.00 0.00	34.20 0.05 0.00	36.88 -0.31 0.00	28.97 -0.29 0.00	26.26 -0.25 0.00	33.54 -0.22 0.00	37.75 -0.33 0.00	41.95 0.02 0.00	45.01 0.51 0.00	40.82 0.81 0.00	52.22 1.72 0.00	53.95 1.33 0.00	64.66 1.36 0.00	68.74 0.93 0.00	67.70 1.37 0.00	77.91 -0.08 0.00	143.64 -1.94 0.00	97.14 -1.43 0.00	66.99 -0.37 0.00	67.91 -0.52 0.00	62.11 -0.79 0.00	47.32 -0.42 0.00	48.35 0.17 0.00
OXBOW___BTM 323836	30.92 -0.07 0.00	36.98 -0.42 0.00	33.85 -0.30 0.00	36.52 -0.67 0.00	28.68 -0.58 0.00	25.99 -0.52 0.00	33.19 -0.58 0.00	37.33 -0.76 0.00	41.46 -0.47 0.00	44.43 -0.07 0.00	40.35 0.34 0.00	51.62 1.12 0.00	53.27 0.65 0.00	63.85 0.55 0.00	67.81 0.01 0.00	66.73 0.40 0.00	76.82 -1.18 0.00	141.63 -3.94 0.00	95.81 -2.76 0.00	66.09 -1.28 0.00	66.97 -1.46 0.00	61.24 -1.66 0.00	46.72 -1.02 0.00	47.76 -0.42 0.00
OXBOW___ 24026	30.92 -0.06 0.00	36.99 -0.41 0.00	33.86 -0.30 0.00	36.51 -0.69 0.00	28.68 -0.58 0.00	25.99 -0.52 0.00	33.19 -0.57 0.00	37.32 -0.76 0.00	41.47 -0.46 0.00	44.44 -0.06 0.00	40.35 0.34 0.00	51.63 1.13 0.00	53.27 0.65 0.00	63.85 0.55 0.00	67.83 0.02 0.00	66.75 0.43 0.00	76.82 -1.18 0.00	141.64 -3.94 0.00	95.77 -2.80 0.00	66.09 -1.28 0.00	66.96 -1.47 0.00	61.24 -1.65 0.00	46.73 -1.01 0.00	47.76 -0.42 0.00
OXY_CHEM_DSASP 323612	30.39 -0.60 0.00	36.37 -1.03 0.00	33.32 -0.83 0.00	35.95 -1.24 0.00	28.26 -1.01 0.00	25.59 -0.92 0.00	32.66 -1.10 0.00	36.71 -1.37 0.00	40.73 -1.19 0.00	43.61 -0.89 0.00	39.61 -0.40 0.00	50.68 0.18 0.00	52.23 -0.39 0.00	62.56 -0.75 0.00	66.38 -1.43 0.00	65.31 -1.01 0.00	75.15 -2.84 0.00	138.60 -6.97 0.00	93.72 -4.85 0.00	64.70 -2.66 0.00	65.49 -2.94 0.00	59.95 -2.95 0.00	45.82 -1.92 0.00	46.86 -1.32 0.00
OZONE_PARK_ESR 323760	33.85 2.86 0.00	40.67 3.28 0.00	37.04 2.88 0.00	39.84 2.65 0.00	31.49 2.23 0.00	28.84 2.33 0.00	36.68 2.92 0.00	41.56 3.48 0.00	45.90 3.97 0.00	48.87 4.37 0.00	43.85 3.84 0.00	54.93 4.43 0.00	57.91 5.29 0.00	69.92 6.62 0.00	75.27 7.46 0.00	74.28 7.95 0.00	87.53 9.54 0.00	161.99 16.42 0.00	110.64 10.21 -1.86	74.09 6.73 0.00	76.63 6.33 -1.86	77.34 5.77 -8.68	52.29 4.55 0.00	52.62 4.44 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	30.39 -0.60 0.00	36.37 -1.03 0.00	33.32 -0.83 0.00	35.95 -1.24 0.00	28.26 -1.01 0.00	25.59 -0.92 0.00	32.66 -1.10 0.00	36.71 -1.37 0.00	40.73 -1.19 0.00	43.61 -0.89 0.00	39.61 -0.40 0.00	50.68 0.18 0.00	52.23 -0.39 0.00	62.56 -0.75 0.00	66.38 -1.43 0.00	65.31 -1.01 0.00	75.15 -2.84 0.00	138.60 -6.97 0.00	93.72 -4.85 0.00	64.70 -2.66 0.00	65.49 -2.94 0.00	59.95 -2.95 0.00	45.82 -1.92 0.00	46.86 -1.32 0.00
PACKARD___115KV_DUPONT_184 80571	30.39 -0.60 0.00	36.37 -1.03 0.00	33.32 -0.83 0.00	35.95 -1.24 0.00	28.26 -1.01 0.00	25.59 -0.92 0.00	32.66 -1.10 0.00	36.71 -1.37 0.00	40.73 -1.19 0.00	43.61 -0.89 0.00	39.61 -0.40 0.00	50.68 0.18 0.00	52.23 -0.39 0.00	62.56 -0.75 0.00	66.38 -1.43 0.00	65.31 -1.01 0.00	75.15 -2.84 0.00	138.60 -6.97 0.00	93.72 -4.85 0.00	64.70 -2.66 0.00	65.49 -2.94 0.00	59.95 -2.95 0.00	45.82 -1.92 0.00	46.86 -1.32 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.36 2.38 0.00	40.11 2.71 0.00	36.58 2.42 0.00	39.36 2.17 0.00	31.18 1.92 0.00	28.51 2.00 0.00	36.24 2.48 0.00	41.01 2.93 0.00	45.22 3.29 0.00	48.07 3.57 0.00	43.12 3.11 0.00	54.01 3.50 0.00	56.98 4.36 0.00	68.75 5.45 0.00	74.03 6.22 0.00	72.99 6.66 0.00	85.91 7.92 0.00	159.07 13.49 0.00	108.80 8.37 -1.86	72.80 5.44 0.00	75.37 5.08 -1.86	76.20 4.62 -8.68	51.47 3.73 0.00	51.82 3.63 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.81 2.82 0.00	40.63 3.23 0.00	37.05 2.89 0.00	39.85 2.66 0.00	31.56 2.30 0.00	28.86 2.35 0.00	36.70 2.94 0.00	41.57 3.49 0.00	45.80 3.87 0.00	48.66 4.16 0.00	43.70 3.69 0.00	54.82 4.32 0.00	57.86 5.24 0.00	69.77 6.46 0.00	75.25 7.44 0.00	74.15 7.82 0.00	87.23 9.24 0.00	161.41 15.83 0.00	110.34 9.91 -1.86	73.92 6.56 0.00	76.48 6.19 -1.86	77.33 5.76 -8.68	52.29 4.55 0.00	52.67 4.48 0.00
PATROON___115KV_TB1 80586	32.02 1.03 0.00	38.81 1.41 0.00	35.38 1.22 0.00	38.30 1.11 0.00	30.20 0.93 0.00	27.51 1.00 0.00	34.92 1.16 0.00	39.42 1.34 0.00	43.37 1.44 0.00	45.85 1.35 0.00	41.15 1.14 0.00	51.72 1.22 0.00	54.12 1.49 0.00	65.35 2.05 0.00	70.18 2.37 0.00	68.90 2.57 0.00	81.16 3.17 0.00	151.81 6.23 0.00	116.38 3.97 -13.84	69.95 2.58 0.00	84.86 2.59 -13.84	129.71 2.29 -64.53	49.48 1.75 0.00	49.85 1.67 0.00
PATTRSNVILLE___SOLAR 323815	32.40 1.42 0.00	39.19 1.80 0.00	35.73 1.58 0.00	38.74 1.55 0.00	30.52 1.25 0.00	27.76 1.25 0.00	35.32 1.55 0.00	39.94 1.86 0.00	43.87 1.94 0.00	46.37 1.87 0.00	41.68 1.67 0.00	52.33 1.82 0.00	54.64 2.02 0.00	66.00 2.69 0.00	70.83 3.03 0.00	69.59 3.26 0.00	81.61 3.61 0.00	153.10 7.52 0.00	126.12 5.54 -22.01	71.34 3.97 -0.01	94.63 4.18 -22.01	169.24 3.72 -102.62	50.49 2.75 0.00	50.81 2.63 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.44 0.45 0.00	37.61 0.21 0.00	34.36 0.20 0.00	37.04 -0.15 0.00	29.08 -0.18 0.00	26.40 -0.11 0.00	33.75 -0.01 0.00	38.19 0.11 0.00	42.50 0.57 0.00	45.69 1.19 0.00	41.43 1.41 0.00	52.88 2.37 0.00	54.79 2.16 0.00	65.78 2.47 0.00	70.06 2.25 0.00	69.01 2.68 0.00	79.69 1.70 0.00	147.12 1.55 0.00	99.29 0.72 0.00	68.23 0.87 0.00	69.28 0.85 0.00	63.35 0.46 0.00	48.17 0.43 0.00	48.94 0.76 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.46 2.47 0.00	40.30 2.90 0.00	36.67 2.51 0.00	39.53 2.34 0.00	31.20 1.94 0.00	28.51 2.00 0.00	36.29 2.52 0.00	41.09 3.01 0.00	45.38 3.45 0.00	48.29 3.79 0.00	43.46 3.45 0.00	54.62 4.11 0.00	57.49 4.87 0.00	69.35 6.05 0.00	74.68 6.87 0.00	73.66 7.33 0.00	86.95 8.96 0.00	161.44 15.87 0.00	110.53 10.03 -1.94	73.90 6.53 0.00	76.56 6.19 -1.94	77.43 5.51 -9.02	51.93 4.20 0.00	52.19 4.01 0.00
PEEKSKILL___ 23653	33.05 2.06 0.00	39.79 2.39 0.00	36.23 2.07 0.00	39.03 1.84 0.00	30.83 1.57 0.00	28.19 1.68 0.00	35.84 2.07 0.00	40.57 2.49 0.00	44.76 2.83 0.00	47.63 3.13 0.00	42.76 2.75 0.00	53.62 3.12 0.00	56.50 3.87 0.00	68.20 4.90 0.00	73.39 5.58 0.00	72.33 6.00 0.00	85.33 7.33 0.00	158.20 12.63 0.00	108.20 7.80 -1.84	72.38 5.01 0.00	74.95 4.68 -1.84	75.69 4.24 -8.56	51.05 3.32 0.00	51.43 3.25 0.00
PGE MADISON___WINDPWR 24146	33.86 2.87 -0.01	40.71 3.27 -0.04	36.86 2.69 0.00	39.93 2.74 0.00	31.27 2.00 0.00	28.60 2.09 0.00	36.37 2.61 0.00	41.47 3.33 -0.06	45.77 3.84 0.00	48.72 4.22 0.00	44.13 4.12 0.00	55.91 5.41 0.00	58.07 5.45 0.00	69.95 6.64 0.00	75.17 7.36 0.00	73.64 7.31 0.00	86.66 8.66 0.00	162.92 17.35 0.00	111.90 12.11 -1.23	75.66 8.30 0.00	78.76 9.10 -1.23	76.88 8.26 -5.73	53.52 5.79 0.00	53.60 5.42 0.00

PIERCEFIELD___HYD 23852	29.53 -1.46 0.00	35.53 -1.89 -0.02	32.69 -1.46 0.00	35.81 -1.39 0.00	28.01 -1.26 0.00	25.20 -1.31 0.00	32.31 -1.46 0.00	36.42 -1.68 -0.03	39.91 -2.02 0.00	42.32 -2.18 0.00	37.95 -2.06 0.00	48.27 -2.23 0.00	49.74 -2.88 0.00	59.27 -4.03 0.00	63.18 -4.63 0.00	60.46 -5.29 0.58	51.21 -5.72 21.07	126.21 -8.83 10.54	92.89 -5.68 0.00	63.62 -3.75 0.00	64.81 -3.62 0.00	59.91 -2.98 0.00	45.55 -2.19 0.00	46.10 -2.08 0.00
PINELAWN_CC_1 323563	34.25 2.78 -0.48	42.67 3.33 -1.94	40.51 2.98 -3.37	39.86 2.67 0.00	31.48 2.22 0.00	28.82 2.31 0.00	36.63 2.86 0.00	41.10 3.02 0.00	44.93 3.00 0.00	47.65 3.15 0.00	42.69 2.67 0.00	53.29 2.79 0.00	58.40 4.02 -1.76	72.19 5.02 -3.87	76.34 5.74 -2.79	77.20 6.33 -4.54	98.73 7.97 -12.77	166.24 13.80 -6.86	110.37 8.56 -3.24	75.52 5.48 -2.68	77.10 5.03 -3.64	76.77 4.36 -9.51	56.53 3.69 -5.10	62.37 3.88 -10.31
PJM_GEN_HTTP_PROXY 323702	40.54 2.32 -7.24	40.07 2.67 0.00	36.49 2.33 0.00	39.28 2.09 0.00	31.05 1.79 0.00	28.43 1.92 0.00	38.20 2.39 -2.05	40.97 2.88 -0.01	45.22 3.29 0.00	48.13 3.63 0.00	43.16 3.17 0.02	55.30 3.58 -1.22	57.02 4.40 0.00	68.83 5.53 0.00	74.15 6.34 0.00	73.11 6.78 0.00	86.15 8.15 0.00	159.37 13.79 0.00	108.85 8.42 -1.86	72.85 5.49 0.00	75.37 5.08 -1.86	76.15 4.58 -8.68	51.40 3.67 0.00	51.06 3.57 0.70
PJM_GEN_KEystone 24065	39.09 0.87 -7.24	38.29 0.89 0.00	34.89 0.73 0.00	37.62 0.43 0.00	29.63 0.37 0.00	27.04 0.53 0.00	36.49 0.68 -2.05	39.21 0.98 -0.15	42.83 1.29 0.39	46.15 1.69 0.04	41.50 1.51 0.02	53.57 1.85 -1.22	54.83 2.21 0.00	66.06 2.76 0.00	70.83 3.02 0.00	69.73 3.40 0.00	81.75 3.75 0.00	151.30 5.72 0.00	103.02 3.29 -1.17	69.47 2.11 0.00	71.42 1.83 -1.17	70.00 1.68 -5.43	49.08 1.35 0.00	48.85 1.44 0.77
PJM_GEN_NEPTUNE_PROXY 323594	40.99 2.40 -7.60	41.74 2.85 -1.49	39.24 2.54 -2.54	39.43 2.24 0.00	31.16 1.89 0.00	28.50 1.99 0.00	38.25 2.44 -2.05	40.89 2.79 -0.01	44.88 2.96 0.00	47.68 3.18 0.00	42.86 2.87 0.02	54.81 3.08 -1.22	56.81 4.19 0.00	68.52 5.21 0.00	73.75 5.94 0.00	72.82 6.49 0.00	86.00 8.01 0.00	159.30 13.72 0.00	108.87 8.44 -1.86	72.82 5.45 0.00	75.33 5.04 -1.86	76.65 4.44 -9.31	54.38 3.74 -2.90	58.34 3.76 -6.39
PJM_GEN_VFT_PROXY 323633	40.44 2.22 -7.24	39.19 2.49 0.70	36.34 2.18 0.00	39.10 1.91 0.00	30.94 1.68 0.00	28.33 1.82 0.00	38.04 2.23 -2.04	38.11 2.67 2.65	39.43 3.06 5.56	39.93 3.40 7.97	42.93 2.94 0.02	51.98 3.26 1.79	56.68 4.06 0.00	68.44 5.13 0.00	73.64 5.84 0.00	72.64 6.31 0.00	85.60 7.61 0.00	158.36 12.79 0.01	108.28 7.85 -1.86	72.48 5.11 0.00	74.98 4.69 -1.86	75.82 4.25 -8.68	51.12 3.38 0.00	49.66 3.27 1.79
PLATSBRG_115KV_PMLD1 355749	30.82 -0.16 0.00	36.96 -0.44 0.00	33.88 -0.28 0.00	36.93 -0.27 0.00	29.13 -0.13 0.00	26.41 -0.10 0.00	33.75 -0.02 0.00	38.13 0.05 0.00	41.85 -0.07 0.00	44.16 -0.35 0.00	39.62 -0.39 0.00	49.55 -0.95 0.00	50.59 -2.03 0.00	60.52 -2.78 0.00	64.50 -3.31 0.00	61.28 -4.88 0.17	45.64 -5.90 26.45	123.58 -8.76 13.23	92.56 -6.01 0.00	63.46 -3.90 0.00	64.70 -3.73 0.00	59.89 -3.00 0.00	46.33 -1.40 0.00	47.60 -0.58 0.00
PLEASANTVLY___LBMP 24000	32.76 1.78 0.00	39.54 2.14 0.00	36.03 1.87 0.00	38.86 1.68 0.00	30.69 1.43 0.00	28.03 1.51 0.00	35.62 1.86 0.00	40.29 2.21 0.00	44.42 2.49 0.00	47.16 2.66 0.00	42.35 2.34 0.00	53.15 2.65 0.00	55.92 3.29 0.00	67.48 4.18 0.00	72.59 4.78 0.00	71.46 5.13 0.00	84.30 6.31 0.00	156.70 11.13 0.00	107.46 6.90 -1.99	71.82 4.45 0.00	74.60 4.18 -1.99	75.91 3.75 -9.26	50.69 2.95 0.00	51.05 2.87 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	33.17 2.18 0.00	39.95 2.55 0.00	36.38 2.22 0.00	39.17 1.98 0.00	30.96 1.69 0.00	28.30 1.79 0.00	35.97 2.21 0.00	40.73 2.65 0.00	44.95 3.03 0.00	47.82 3.32 0.00	42.93 2.91 0.00	53.86 3.35 0.00	56.75 4.13 0.00	68.53 5.22 0.00	73.74 5.94 0.00	72.69 6.36 0.00	85.72 7.72 0.00	158.98 13.41 0.00	108.76 8.31 -1.88	72.76 5.40 0.00	75.38 5.07 -1.88	76.20 4.55 -8.75	51.29 3.56 0.00	51.66 3.48 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	33.17 2.18 0.00	39.95 2.55 0.00	36.38 2.22 0.00	39.17 1.98 0.00	30.96 1.69 0.00	28.30 1.79 0.00	35.97 2.21 0.00	40.73 2.65 0.00	44.95 3.03 0.00	47.82 3.32 0.00	42.93 2.91 0.00	53.86 3.35 0.00	56.75 4.13 0.00	68.53 5.22 0.00	73.74 5.94 0.00	72.69 6.36 0.00	85.72 7.72 0.00	158.98 13.41 0.00	108.76 8.31 -1.88	72.76 5.40 0.00	75.38 5.07 -1.88	76.20 4.55 -8.75	51.29 3.56 0.00	51.66 3.48 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.13 2.15 0.00	39.94 2.54 0.00	36.38 2.22 0.00	39.24 2.05 0.00	30.97 1.70 0.00	28.28 1.77 0.00	35.98 2.22 0.00	40.74 2.66 0.00	44.92 2.99 0.00	47.73 3.22 0.00	42.92 2.91 0.00	53.94 3.44 0.00	56.80 4.18 0.00	68.56 5.26 0.00	73.78 5.97 0.00	72.69 6.36 0.00	85.83 7.84 0.00	159.71 14.13 0.00	109.65 8.95 -2.13	73.16 5.80 0.00	76.05 5.49 -2.13	77.70 4.90 -9.91	51.47 3.74 0.00	51.73 3.55 0.00
POLETTI____ 23519	33.28 2.29 0.00	40.01 2.61 0.00	36.44 2.28 0.00	39.22 2.03 0.00	31.02 1.76 0.00	28.40 1.89 0.00	36.11 2.34 0.00	40.89 2.81 0.00	45.14 3.21 0.00	48.06 3.56 0.00	43.10 3.09 0.00	53.95 3.44 0.00	56.89 4.26 0.00	68.67 5.36 0.00	73.94 6.14 0.00	72.93 6.60 0.00	85.94 7.95 0.00	159.04 13.47 0.00	108.66 8.23 -1.86	72.72 5.36 0.00	75.23 4.94 -1.86	76.03 4.46 -8.68	51.33 3.60 0.00	51.68 3.50 0.00
POMONA___ESR 323819	33.10 2.12 0.00	39.83 2.43 0.00	36.21 2.05 0.00	39.00 1.81 0.00	30.81 1.55 0.00	28.17 1.66 0.00	35.79 2.03 0.00	40.52 2.44 0.00	44.74 2.81 0.00	47.65 3.15 0.00	42.80 2.79 0.00	53.72 3.22 0.00	56.60 3.98 0.00	68.37 5.06 0.00	73.55 5.74 0.00	72.50 6.17 0.00	85.53 7.54 0.00	158.57 13.00 0.00	108.38 8.04 -1.77	72.49 5.12 0.00	74.94 4.74 -1.77	75.43 4.28 -8.25	51.03 3.29 0.00	51.41 3.23 0.00
PORT_JEFF_3 23555	34.17 2.70 -0.48	42.66 3.32 -1.94	40.52 2.99 -3.37	39.84 2.65 0.00	31.48 2.22 0.00	28.82 2.31 0.00	36.61 2.85 0.00	41.21 3.13 0.00	45.11 3.18 0.00	47.81 3.31 0.00	43.02 3.01 0.00	53.63 3.13 0.00	84.06 4.51 -26.93	128.03 5.59 -59.12	116.81 6.33 -42.67	142.66 6.87 -69.46	194.80 8.33 -108.48	264.34 14.09 -104.68	135.45 8.79 -28.09	114.22 5.85 -41.01	103.55 5.55 -29.57	77.16 4.76 -9.51	55.95 3.98 -4.24	61.78 3.99 -9.61
PORT_JEFF_4 23616	34.17 2.70 -0.48	42.66 3.32 -1.94	40.52 2.99 -3.37	39.84 2.65 0.00	31.48 2.22 0.00	28.82 2.31 0.00	36.61 2.85 0.00	41.21 3.13 0.00	45.11 3.18 0.00	47.81 3.31 0.00	43.02 3.01 0.00	53.63 3.13 0.00	84.06 4.51 -26.93	128.03 5.59 -59.12	116.81 6.33 -42.67	142.66 6.87 -69.46	194.80 8.33 -108.48	264.34 14.09 -104.68	135.45 8.79 -28.09	114.22 5.85 -41.01	103.55 5.55 -29.57	77.16 4.76 -9.51	55.95 3.98 -4.24	61.78 3.99 -9.61

PORT_JEFF_IC 23713	34.26 2.80 -0.48	42.74 3.40 -1.94	40.60 3.06 -3.37	39.92 2.73 0.00	31.54 2.27 0.00	28.87 2.36 0.00	36.68 2.92 0.00	41.32 3.24 0.00	45.23 3.31 0.00	48.00 3.50 0.00	43.20 3.19 0.00	53.71 3.21 0.00	88.30 4.63 -31.05	137.24 5.77 -68.17	123.53 6.53 -49.19	153.48 7.07 -80.08	211.38 8.65 -124.74	294.15 14.66 -133.92	143.27 9.17 -35.54	120.69 6.05 -47.28	108.52 5.70 -34.39	77.28 4.88 -9.51	56.04 4.04 -4.26	62.04 4.23 -9.63
PPL PILGRIM_ST_GT1 24216	34.39 2.93 -0.48	42.86 3.52 -1.94	40.72 3.18 -3.37	40.03 2.84 0.00	31.65 2.39 0.00	28.96 2.45 0.00	36.78 3.02 0.00	41.47 3.40 0.00	45.45 3.52 0.00	48.26 3.76 0.00	43.30 3.29 0.00	53.74 3.24 0.00	62.74 4.58 -5.54	81.17 5.70 -12.16	83.00 6.42 -8.78	87.63 7.01 -14.29	111.87 8.78 -25.09	178.11 15.19 -17.34	114.33 9.55 -6.22	81.98 6.18 -8.44	81.67 5.79 -7.45	77.38 4.98 -9.51	56.60 4.49 -4.38	62.55 4.64 -9.72
PPL PILGRIM_ST_GT2 24217	34.39 2.93 -0.48	42.86 3.52 -1.94	40.72 3.18 -3.37	40.03 2.84 0.00	31.65 2.39 0.00	28.96 2.45 0.00	36.78 3.02 0.00	41.47 3.40 0.00	45.45 3.52 0.00	48.26 3.76 0.00	43.30 3.29 0.00	53.74 3.24 0.00	62.74 4.58 -5.54	81.17 5.70 -12.16	83.00 6.42 -8.78	87.63 7.01 -14.29	111.87 8.78 -25.09	178.11 15.19 -17.34	114.33 9.55 -6.22	81.98 6.18 -8.44	81.67 5.79 -7.45	77.38 4.98 -9.51	56.60 4.49 -4.38	62.55 4.64 -9.72
PPL_SHRM_GT3 24213	34.30 2.84 -0.48	42.73 3.39 -1.94	40.56 3.03 -3.37	39.88 2.69 0.00	31.50 2.24 0.00	28.84 2.33 0.00	36.68 2.91 0.00	41.38 3.29 0.00	45.33 3.40 0.00	48.11 3.61 0.00	43.27 3.26 0.00	54.12 3.62 0.00	85.22 5.09 -27.50	130.07 6.38 -60.38	118.51 7.13 -43.58	145.00 7.74 -70.93	198.28 9.52 -110.77	271.54 16.29 -109.68	138.25 10.28 -29.40	116.04 6.80 -41.88	105.08 6.35 -30.30	77.81 5.41 -9.51	56.44 4.45 -4.25	62.20 4.40 -9.62
PPL_SHRM_GT4 24214	34.30 2.84 -0.48	42.73 3.39 -1.94	40.56 3.03 -3.37	39.88 2.69 0.00	31.50 2.24 0.00	28.84 2.33 0.00	36.68 2.91 0.00	41.38 3.29 0.00	45.33 3.40 0.00	48.11 3.61 0.00	43.27 3.26 0.00	54.12 3.62 0.00	85.22 5.09 -27.50	130.07 6.38 -60.38	118.51 7.13 -43.58	145.00 7.74 -70.93	198.28 9.52 -110.77	271.54 16.29 -109.68	138.25 10.28 -29.40	116.04 6.80 -41.88	105.08 6.35 -30.30	77.81 5.41 -9.51	56.44 4.45 -4.25	62.20 4.40 -9.62
PROJECT___ORANGE 1 24174	31.05 0.06 -0.01	37.47 0.01 -0.06	34.13 -0.04 0.00	37.11 -0.08 0.00	29.15 -0.12 0.00	26.46 -0.05 0.00	33.72 -0.04 0.00	38.20 0.04 -0.08	42.07 0.14 0.00	44.81 0.30 0.00	40.39 0.37 0.00	51.09 0.59 0.00	53.28 0.66 0.00	64.17 0.87 0.00	68.67 0.87 0.00	67.30 0.96 0.00	79.03 1.04 0.00	147.08 1.51 0.00	99.48 0.91 0.00	67.95 0.59 0.00	68.98 0.55 0.00	63.32 0.42 0.00	47.92 0.19 0.00	48.26 0.08 0.00
PROJECT___ORANGE 2 24166	31.05 0.06 -0.01	37.47 0.01 -0.06	34.13 -0.04 0.00	37.11 -0.08 0.00	29.15 -0.12 0.00	26.46 -0.05 0.00	33.72 -0.04 0.00	38.20 0.04 -0.08	42.07 0.14 0.00	44.81 0.30 0.00	40.39 0.37 0.00	51.09 0.59 0.00	53.28 0.66 0.00	64.17 0.87 0.00	68.67 0.87 0.00	67.30 0.96 0.00	79.03 1.04 0.00	147.08 1.51 0.00	99.48 0.91 0.00	67.95 0.59 0.00	68.98 0.55 0.00	63.32 0.42 0.00	47.92 0.19 0.00	48.26 0.08 0.00
PUCKETT___SOLAR 323809	32.07 1.08 -0.01	38.71 1.27 -0.04	35.16 1.00 0.00	38.07 0.88 0.00	29.86 0.59 0.00	27.27 0.76 0.00	34.74 0.98 0.00	39.45 1.32 -0.05	43.48 1.56 0.00	46.24 1.74 0.00	41.65 1.64 0.00	52.58 2.08 0.00	54.74 2.12 0.00	65.92 2.61 0.00	70.92 3.11 0.00	69.46 3.13 0.00	81.87 3.88 0.00	152.75 7.18 0.00	104.16 4.57 -1.02	70.52 3.16 0.00	72.90 3.45 -1.02	70.79 3.13 -4.76	49.95 2.21 0.00	50.27 2.09 0.00
PYRITES___HYD 24023	30.21 -0.78 0.00	36.25 -1.17 -0.02	33.34 -0.82 0.00	36.53 -0.66 0.00	28.62 -0.64 0.00	25.76 -0.75 0.00	33.07 -0.70 0.00	37.22 -0.88 -0.03	40.68 -1.25 0.00	43.02 -1.48 0.00	38.48 -1.54 0.00	49.14 -1.36 0.00	50.60 -2.02 0.00	60.15 -3.15 0.00	64.28 -3.53 0.00	61.49 -4.31 0.53	52.12 -4.22 21.66	129.24 -5.51 10.83	94.95 -3.62 0.00	65.25 -2.11 0.00	66.69 -1.74 0.00	61.64 -1.26 0.00	46.80 -0.93 0.00	47.33 -0.86 0.00
QUAKERRD_115KV_BK1 80622	30.70 -0.29 0.00	36.83 -0.57 0.00	33.64 -0.52 0.00	36.45 -0.74 0.00	28.65 -0.62 0.00	25.99 -0.52 0.00	33.19 -0.58 0.00	37.51 -0.57 0.00	41.56 -0.37 0.00	44.44 -0.06 0.00	40.24 0.23 0.00	51.21 0.71 0.00	53.25 0.63 0.00	64.06 0.76 0.00	68.37 0.56 0.00	67.14 0.81 0.00	78.02 0.02 0.00	144.58 -1.00 0.00	97.80 -0.77 0.00	67.08 -0.28 0.00	67.97 -0.46 0.00	62.30 -0.59 0.00	47.26 -0.47 0.00	47.75 -0.43 0.00
QUENSBRY_115KV_TB8 356137	33.21 2.23 0.00	40.27 2.87 0.00	36.71 2.55 0.00	39.77 2.58 0.00	31.32 2.06 0.00	28.59 2.08 0.00	36.38 2.61 0.00	41.20 3.12 0.00	45.34 3.41 0.00	47.77 3.27 0.00	42.64 2.63 0.00	53.86 3.36 0.00	56.14 3.52 0.00	67.97 4.66 0.00	73.08 5.27 0.00	71.93 5.61 0.00	84.77 6.78 0.00	159.75 14.18 0.00	129.63 10.10 -20.97	74.22 6.86 -0.01	96.26 6.86 -20.97	166.45 5.81 -97.74	51.59 3.85 0.00	51.66 3.48 0.00
RAMAPO___LBMP 323565	32.88 1.90 0.00	39.60 2.20 0.00	36.02 1.86 0.00	38.82 1.63 0.00	30.67 1.41 0.00	28.03 1.52 0.00	35.62 1.86 0.00	40.32 2.24 0.00	44.50 2.57 0.00	47.38 2.88 0.00	42.54 2.53 0.00	53.37 2.86 0.00	56.21 3.59 0.00	67.88 4.57 0.00	72.98 5.18 0.00	71.93 5.61 0.00	84.87 6.88 0.00	157.37 11.79 0.00	107.58 7.25 -1.76	71.98 4.61 0.00	74.46 4.26 -1.76	74.98 3.88 -8.20	50.75 3.01 0.00	51.14 2.96 0.00
RANKINE____ 23646	31.44 0.46 0.00	37.60 0.20 0.00	34.37 0.21 0.00	37.04 -0.15 0.00	29.09 -0.18 0.00	26.39 -0.12 0.00	33.72 -0.05 0.00	38.09 0.01 0.00	42.40 0.47 0.00	45.57 1.07 0.00	41.37 1.35 0.00	52.83 2.33 0.00	54.70 2.07 0.00	65.55 2.24 0.00	69.77 1.97 0.00	68.75 2.42 0.00	79.35 1.36 0.00	146.34 0.76 0.00	98.88 0.31 0.00	68.05 0.69 0.00	69.08 0.65 0.00	63.17 0.27 0.00	48.06 0.32 0.00	48.89 0.71 0.00
RAVENSWOOD_GT2_1 24244	33.36 2.38 0.00	40.14 2.75 0.00	36.56 2.40 0.00	39.35 2.16 0.00	31.11 1.85 0.00	28.48 1.97 0.00	36.20 2.44 0.00	40.99 2.91 0.00	45.26 3.33 0.00	48.15 3.65 0.00	43.17 3.16 0.00	54.02 3.52 0.00	56.96 4.34 0.00	68.75 5.44 0.00	74.01 6.21 0.00	72.99 6.66 0.00	86.01 8.01 0.00	159.21 13.63 0.00	108.80 8.37 -1.86	72.82 5.46 0.00	75.34 5.05 -1.86	76.14 4.57 -8.68	51.43 3.69 0.00	51.81 3.63 0.00
RAVENSWOOD_GT2_2 24245	33.36 2.38 0.00	40.14 2.75 0.00	36.56 2.40 0.00	39.35 2.16 0.00	31.11 1.85 0.00	28.48 1.97 0.00	36.20 2.44 0.00	40.99 2.91 0.00	45.26 3.33 0.00	48.15 3.65 0.00	43.17 3.16 0.00	54.02 3.52 0.00	56.96 4.34 0.00	68.75 5.44 0.00	74.01 6.21 0.00	72.99 6.66 0.00	86.01 8.01 0.00	159.21 13.63 0.00	108.80 8.37 -1.86	72.82 5.46 0.00	75.34 5.05 -1.86	76.14 4.57 -8.68	51.43 3.69 0.00	51.81 3.63 0.00



RAVENSWOOD_GT2_3 24246	33.39 2.40 0.00	40.16 2.76 0.00	36.58 2.42 0.00	39.37 2.19 0.00	31.13 1.87 0.00	28.49 1.98 0.00	36.22 2.46 0.00	41.02 2.95 0.00	45.29 3.36 0.00	48.20 3.70 0.00	43.21 3.20 0.00	54.07 3.57 0.00	57.00 4.38 0.00	68.81 5.50 0.00	74.08 6.27 0.00	73.05 6.72 0.00	86.07 8.08 0.00	159.33 13.76 0.00	108.90 8.47 -1.86	72.86 5.50 0.00	75.41 5.12 -1.86	76.21 4.63 -8.68	51.47 3.74 0.00	51.85 3.67 0.00
RAVENSWOOD_GT2_4 24247	33.39 2.40 0.00	40.16 2.76 0.00	36.58 2.42 0.00	39.37 2.19 0.00	31.13 1.87 0.00	28.49 1.98 0.00	36.22 2.46 0.00	41.02 2.95 0.00	45.29 3.36 0.00	48.20 3.70 0.00	43.21 3.20 0.00	54.07 3.57 0.00	57.00 4.38 0.00	68.81 5.50 0.00	74.08 6.27 0.00	73.05 6.72 0.00	86.07 8.08 0.00	159.33 13.76 0.00	108.90 8.47 -1.86	72.86 5.50 0.00	75.41 5.12 -1.86	76.21 4.63 -8.68	51.47 3.74 0.00	51.85 3.67 0.00
RAVENSWOOD_GT3_1 24248	33.36 2.38 0.00	40.14 2.75 0.00	36.56 2.40 0.00	39.35 2.16 0.00	31.11 1.85 0.00	28.48 1.97 0.00	36.20 2.44 0.00	41.00 2.91 0.00	45.26 3.33 0.00	48.16 3.66 0.00	43.17 3.16 0.00	54.02 3.52 0.00	56.96 4.34 0.00	68.75 5.44 0.00	74.01 6.21 0.00	72.99 6.66 0.00	86.01 8.02 0.00	159.21 13.63 0.00	108.80 8.37 -1.86	72.82 5.46 0.00	75.35 5.06 -1.86	76.14 4.57 -8.68	51.43 3.69 0.00	51.81 3.63 0.00
RAVENSWOOD_GT3_2 24249	33.36 2.38 0.00	40.14 2.75 0.00	36.56 2.40 0.00	39.35 2.16 0.00	31.11 1.85 0.00	28.48 1.97 0.00	36.20 2.44 0.00	41.00 2.91 0.00	45.26 3.33 0.00	48.16 3.66 0.00	43.17 3.16 0.00	54.02 3.52 0.00	56.96 4.34 0.00	68.75 5.44 0.00	74.01 6.21 0.00	72.99 6.66 0.00	86.01 8.02 0.00	159.21 13.63 0.00	108.80 8.37 -1.86	72.82 5.46 0.00	75.35 5.06 -1.86	76.14 4.57 -8.68	51.43 3.69 0.00	51.81 3.63 0.00
RAVENSWOOD_GT3_3 24250	33.43 2.45 0.00	40.22 2.82 0.00	36.63 2.47 0.00	39.43 2.24 0.00	31.17 1.91 0.00	28.54 2.03 0.00	36.28 2.52 0.00	41.10 3.01 0.00	45.36 3.44 0.00	48.28 3.78 0.00	43.29 3.28 0.00	54.17 3.67 0.00	57.12 4.50 0.00	68.94 5.63 0.00	74.23 6.42 0.00	73.19 6.86 0.00	86.26 8.26 0.00	159.65 14.07 0.00	109.09 8.66 -1.86	73.02 5.66 0.00	75.55 5.26 -1.86	76.33 4.76 -8.68	51.57 3.83 0.00	51.95 3.76 0.00
RAVENSWOOD_GT3_4 24251	33.43 2.45 0.00	40.22 2.82 0.00	36.63 2.47 0.00	39.43 2.24 0.00	31.17 1.91 0.00	28.54 2.03 0.00	36.28 2.52 0.00	41.10 3.01 0.00	45.36 3.44 0.00	48.28 3.78 0.00	43.29 3.28 0.00	54.17 3.67 0.00	57.12 4.50 0.00	68.94 5.63 0.00	74.23 6.42 0.00	73.19 6.86 0.00	86.26 8.26 0.00	159.65 14.07 0.00	109.09 8.66 -1.86	73.02 5.66 0.00	75.55 5.26 -1.86	76.33 4.76 -8.68	51.57 3.83 0.00	51.95 3.76 0.00
RAVENSWOOD_GT_1 23729	33.43 2.44 0.00	40.20 2.80 0.00	36.65 2.50 0.00	39.42 2.23 0.00	31.21 1.94 0.00	28.56 2.05 0.00	36.32 2.55 0.00	41.08 3.00 0.00	45.33 3.40 0.00	48.22 3.72 0.00	43.23 3.22 0.00	54.04 3.54 0.00	57.01 4.39 0.00	68.81 5.50 0.00	74.08 6.28 0.00	73.09 6.76 0.00	86.06 8.06 0.00	159.16 13.58 0.00	108.78 8.35 -1.86	72.84 5.48 0.00	75.33 5.03 -1.86	76.12 4.55 -8.68	51.44 3.70 0.00	51.82 3.64 0.00
RAVENSWOOD_GT_10 24258	33.36 2.38 0.00	40.14 2.75 0.00	36.56 2.40 0.00	39.35 2.16 0.00	31.11 1.84 0.00	28.48 1.97 0.00	36.20 2.44 0.00	40.99 2.91 0.00	45.26 3.33 0.00	48.16 3.66 0.00	43.18 3.17 0.00	54.03 3.53 0.00	56.97 4.35 0.00	68.75 5.44 0.00	74.03 6.22 0.00	73.00 6.67 0.00	86.03 8.04 0.00	159.24 13.66 0.00	108.83 8.40 -1.86	72.82 5.46 0.00	75.37 5.08 -1.86	76.15 4.58 -8.68	51.44 3.70 0.00	51.82 3.64 0.00
RAVENSWOOD_GT_11 24259	33.36 2.38 0.00	40.14 2.75 0.00	36.56 2.40 0.00	39.35 2.16 0.00	31.11 1.84 0.00	28.48 1.97 0.00	36.20 2.44 0.00	40.99 2.91 0.00	45.26 3.33 0.00	48.16 3.66 0.00	43.18 3.17 0.00	54.03 3.53 0.00	56.97 4.35 0.00	68.75 5.44 0.00	74.03 6.22 0.00	73.00 6.67 0.00	86.03 8.04 0.00	159.24 13.66 0.00	108.83 8.40 -1.86	72.82 5.46 0.00	75.37 5.08 -1.86	76.15 4.58 -8.68	51.44 3.70 0.00	51.82 3.64 0.00
RAVENSWOOD_GT_4 24252	33.37 2.38 0.00	40.14 2.75 0.00	36.55 2.39 0.00	39.35 2.16 0.00	31.11 1.84 0.00	28.47 1.96 0.00	36.20 2.44 0.00	41.00 2.91 0.00	45.26 3.33 0.00	48.19 3.69 0.00	43.19 3.18 0.00	54.07 3.56 0.00	56.99 4.37 0.00	68.78 5.48 0.00	74.05 6.24 0.00	73.03 6.70 0.00	86.07 8.08 0.00	159.34 13.76 0.00	108.90 8.47 -1.86	72.86 5.50 0.00	75.41 5.11 -1.86	76.20 4.63 -8.68	51.46 3.73 0.00	51.84 3.66 0.00
RAVENSWOOD_GT_5 24254	33.37 2.38 0.00	40.14 2.75 0.00	36.55 2.39 0.00	39.35 2.16 0.00	31.11 1.84 0.00	28.47 1.96 0.00	36.20 2.44 0.00	41.00 2.91 0.00	45.26 3.33 0.00	48.19 3.69 0.00	43.19 3.18 0.00	54.07 3.56 0.00	56.99 4.37 0.00	68.78 5.48 0.00	74.05 6.24 0.00	73.03 6.70 0.00	86.07 8.08 0.00	159.34 13.76 0.00	108.90 8.47 -1.86	72.86 5.50 0.00	75.41 5.11 -1.86	76.20 4.63 -8.68	51.46 3.73 0.00	51.84 3.66 0.00
RAVENSWOOD_GT_6 24253	33.37 2.38 0.00	40.14 2.75 0.00	36.55 2.39 0.00	39.35 2.16 0.00	31.11 1.84 0.00	28.47 1.96 0.00	36.20 2.44 0.00	41.00 2.91 0.00	45.26 3.33 0.00	48.19 3.69 0.00	43.19 3.18 0.00	54.07 3.56 0.00	56.99 4.37 0.00	68.78 5.48 0.00	74.05 6.24 0.00	73.03 6.70 0.00	86.07 8.08 0.00	159.34 13.76 0.00	108.90 8.47 -1.86	72.86 5.50 0.00	75.41 5.11 -1.86	76.20 4.63 -8.68	51.46 3.73 0.00	51.84 3.66 0.00
RAVENSWOOD_GT_7 24255	33.37 2.38 0.00	40.14 2.75 0.00	36.55 2.39 0.00	39.35 2.16 0.00	31.11 1.84 0.00	28.47 1.96 0.00	36.20 2.44 0.00	41.00 2.91 0.00	45.26 3.33 0.00	48.19 3.69 0.00	43.19 3.18 0.00	54.07 3.56 0.00	56.99 4.37 0.00	68.78 5.48 0.00	74.05 6.24 0.00	73.03 6.70 0.00	86.07 8.08 0.00	159.34 13.76 0.00	108.90 8.47 -1.86	72.86 5.50 0.00	75.41 5.11 -1.86	76.20 4.63 -8.68	51.46 3.73 0.00	51.84 3.66 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.36 2.38 0.00	40.14 2.75 0.00	36.56 2.40 0.00	39.35 2.16 0.00	31.11 1.84 0.00	28.48 1.97 0.00	36.20 2.44 0.00	40.99 2.91 0.00	45.26 3.33 0.00	48.16 3.66 0.00	43.18 3.17 0.00	54.03 3.53 0.00	56.97 4.35 0.00	68.75 5.44 0.00	74.03 6.22 0.00	73.00 6.67 0.00	86.03 8.04 0.00	159.24 13.66 0.00	108.83 8.40 -1.86	72.82 5.46 0.00	75.37 5.08 -1.86	76.15 4.58 -8.68	51.44 3.70 0.00	51.82 3.64 0.00
RAVENSWOOD_GT_9 24257	33.36 2.38 0.00	40.14 2.75 0.00	36.56 2.40 0.00	39.35 2.16 0.00	31.11 1.84 0.00	28.48 1.97 0.00	36.20 2.44 0.00	40.99 2.91 0.00	45.26 3.33 0.00	48.16 3.66 0.00	43.18 3.17 0.00	54.03 3.53 0.00	56.97 4.35 0.00	68.75 5.44 0.00	74.03 6.22 0.00	73.00 6.67 0.00	86.03 8.04 0.00	159.24 13.66 0.00	108.83 8.40 -1.86	72.82 5.46 0.00	75.37 5.08 -1.86	76.15 4.58 -8.68	51.44 3.70 0.00	51.82 3.64 0.00

RAVENSWOOD___1 23533	33.41 2.43 0.00	40.18 2.78 0.00	36.63 2.48 0.00	39.39 2.20 0.00	31.18 1.92 0.00	28.54 2.03 0.00	36.29 2.53 0.00	41.05 2.97 0.00	45.30 3.37 0.00	48.18 3.68 0.00	43.19 3.18 0.00	53.99 3.49 0.00	56.97 4.35 0.00	68.75 5.44 0.00	74.02 6.21 0.00	73.02 6.69 0.00	85.98 7.99 0.00	159.04 13.47 0.00	108.70 8.28 -1.86	72.79 5.42 0.00	75.27 4.98 -1.86	76.07 4.50 -8.68	51.40 3.66 0.00	51.78 3.60 0.00
RAVENSWOOD___2 23534	33.30 2.32 0.00	40.10 2.70 0.00	36.55 2.39 0.00	39.30 2.11 0.00	31.12 1.86 0.00	28.48 1.97 0.00	36.21 2.45 0.00	40.96 2.88 0.00	45.09 3.15 0.00	47.82 3.32 0.00	42.86 2.85 0.00	53.53 3.03 0.00	56.48 3.86 0.00	68.17 4.87 0.00	73.40 5.60 0.00	72.42 6.09 0.00	85.30 7.30 0.00	157.73 12.16 0.00	107.82 7.39 -1.86	72.26 4.90 0.00	74.68 4.39 -1.86	75.52 3.95 -8.68	51.10 3.37 0.00	51.52 3.33 0.00
RAVENSWOOD___3 23535	33.37 2.38 0.00	40.14 2.75 0.00	36.56 2.41 0.00	39.35 2.16 0.00	31.11 1.85 0.00	28.48 1.97 0.00	36.20 2.44 0.00	41.00 2.92 0.00	45.26 3.33 0.00	48.16 3.66 0.00	43.18 3.17 0.00	54.03 3.52 0.00	56.96 4.34 0.00	68.75 5.44 0.00	74.03 6.22 0.00	73.00 6.67 0.00	86.01 8.02 0.00	159.21 13.63 0.00	108.82 8.39 -1.86	72.83 5.47 0.00	75.35 5.06 -1.86	76.15 4.57 -8.68	51.43 3.69 0.00	51.82 3.64 0.00
RAVENSWOOD___4 23820	33.39 2.41 0.00	40.15 2.75 0.00	36.60 2.44 0.00	39.36 2.17 0.00	31.16 1.90 0.00	28.52 2.01 0.00	36.26 2.50 0.00	41.02 2.94 0.00	45.26 3.33 0.00	48.12 3.62 0.00	43.15 3.13 0.00	53.94 3.43 0.00	56.92 4.30 0.00	68.69 5.39 0.00	73.96 6.15 0.00	72.95 6.63 0.00	85.90 7.91 0.00	158.91 13.33 0.00	108.61 8.18 -1.86	72.73 5.37 0.00	75.21 4.92 -1.86	76.03 4.45 -8.68	51.38 3.64 0.00	51.75 3.57 0.00
RCPL_TRUST___DRP 24196	33.36 2.37 0.00	40.11 2.71 0.00	36.54 2.38 0.00	39.34 2.15 0.00	31.09 1.83 0.00	28.47 1.96 0.00	36.21 2.45 0.00	41.03 2.96 0.00	45.31 3.38 0.00	48.24 3.75 0.00	43.29 3.28 0.00	54.20 3.70 0.00	57.13 4.51 0.00	68.97 5.67 0.00	74.30 6.49 0.00	73.27 6.94 0.00	86.31 8.32 0.00	159.71 14.13 0.00	109.05 8.62 -1.86	72.97 5.61 0.00	75.50 5.21 -1.86	76.26 4.69 -8.68	51.48 3.74 0.00	51.83 3.65 0.00
RED___ROCHESTER 323720	31.66 0.68 0.00	37.95 0.55 0.00	34.64 0.48 0.00	37.50 0.31 0.00	29.46 0.19 0.00	26.73 0.22 0.00	34.16 0.39 0.00	38.61 0.53 0.00	42.84 0.91 0.00	45.87 1.37 0.00	41.60 1.60 0.00	53.04 2.54 0.00	55.14 2.52 0.00	66.34 3.04 0.00	70.79 2.98 0.00	69.54 3.21 0.00	80.59 2.60 0.00	149.22 3.64 0.00	100.93 2.36 0.00	69.30 1.94 0.00	70.16 1.73 0.00	64.29 1.39 0.00	48.82 1.08 0.00	49.33 1.15 0.00
REGAN___SOLAR 323812	34.54 3.55 0.00	41.57 4.17 0.00	37.80 3.64 0.00	41.01 3.82 0.00	32.24 2.97 0.00	29.39 2.88 0.00	37.29 3.52 0.00	41.92 3.84 0.00	46.12 4.19 0.00	47.73 3.23 0.00	42.80 2.79 0.00	52.59 2.08 0.00	55.62 3.00 0.00	66.63 3.33 0.00	72.16 4.35 0.00	71.92 5.59 0.00	82.11 4.12 0.00	162.97 17.39 0.00	129.81 11.48 -19.76	79.38 12.01 0.00	100.31 12.12 -19.76	165.45 10.44 -92.11	55.33 7.60 0.00	55.32 7.14 0.00
RENSSELAER___COGEN 23796	31.74 0.75 0.00	38.50 1.10 0.00	35.10 0.94 0.00	38.00 0.81 0.00	29.96 0.70 0.00	27.30 0.79 0.00	34.64 0.88 0.00	39.08 1.00 0.00	43.00 1.07 0.00	45.38 0.88 0.00	40.68 0.67 0.00	51.07 0.56 0.00	53.41 0.79 0.00	64.46 1.15 0.00	69.18 1.37 0.00	67.89 1.57 0.00	80.04 2.05 0.00	149.73 4.15 0.00	112.32 2.58 -11.17	69.07 1.70 0.00	81.32 1.72 -11.17	116.49 1.51 -52.09	48.93 1.19 0.00	49.34 1.16 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.95 3.97 0.00	42.64 5.24 0.00	38.96 4.80 0.00	42.24 5.05 0.00	33.27 4.00 0.00	30.45 3.94 0.00	38.79 5.03 0.00	43.93 5.85 0.00	48.13 6.20 0.00	50.21 5.71 0.00	44.83 4.82 0.00	57.05 6.54 0.00	59.17 6.55 0.00	72.41 9.11 0.00	76.65 8.85 0.00	75.85 9.52 0.00	89.55 11.55 0.00	168.72 23.14 0.00	135.30 15.87 -20.87	77.99 10.62 -0.01	99.49 10.19 -20.87	168.93 8.74 -97.28	53.19 5.45 0.00	53.42 5.23 0.00
REVERE_CPPR_DRP 24186	32.55 1.56 0.00	39.22 1.79 -0.03	35.71 1.55 0.00	38.78 1.59 0.00	30.50 1.24 0.00	27.72 1.21 0.00	35.37 1.61 0.00	40.00 1.88 -0.04	43.99 2.06 0.00	46.86 2.36 0.00	42.07 2.05 0.00	53.25 2.74 0.00	55.38 2.76 0.00	67.00 3.69 0.00	71.80 3.99 0.00	70.40 3.65 -0.42	82.45 4.46 0.00	154.37 8.79 0.00	104.86 6.29 0.00	71.56 4.20 0.00	72.77 4.34 0.00	66.91 4.01 0.00	50.55 2.81 0.00	50.72 2.53 0.00
REYNOLDS_115KV_TB3 80639	31.99 1.00 0.00	38.80 1.40 0.00	35.39 1.23 0.00	38.30 1.11 0.00	30.21 0.95 0.00	27.53 1.02 0.00	34.92 1.16 0.00	39.39 1.31 0.00	43.35 1.42 0.00	45.75 1.25 0.00	41.07 1.05 0.00	51.60 1.10 0.00	53.95 1.32 0.00	65.11 1.80 0.00	69.91 2.11 0.00	68.61 2.28 0.00	80.91 2.91 0.00	151.36 5.79 0.00	114.62 3.64 -12.41	69.71 2.34 0.00	83.22 2.38 -12.41	122.95 2.18 -57.87	49.43 1.69 0.00	49.81 1.63 0.00
RIVERBAY___ 323610	33.81 2.82 0.00	40.63 3.23 0.00	37.05 2.89 0.00	39.85 2.66 0.00	31.56 2.30 0.00	28.86 2.35 0.00	36.70 2.94 0.00	41.57 3.49 0.00	45.80 3.87 0.00	48.66 4.16 0.00	43.70 3.69 0.00	54.82 4.32 0.00	57.86 5.24 0.00	69.77 6.46 0.00	75.25 7.44 0.00	74.15 7.82 0.00	87.23 9.24 0.00	161.41 15.83 0.00	110.34 9.91 -1.86	73.92 6.56 0.00	76.48 6.19 -1.86	77.33 5.76 -8.68	52.29 4.55 0.00	52.67 4.48 0.00
RIVERSIDE_115KV_TB3 55908	31.92 0.94 0.00	38.72 1.33 0.00	35.31 1.15 0.00	38.22 1.03 0.00	30.14 0.88 0.00	27.46 0.95 0.00	34.84 1.08 0.00	39.28 1.20 0.00	43.24 1.30 0.00	45.67 1.16 0.00	40.98 0.97 0.00	51.48 0.97 0.00	53.85 1.23 0.00	65.01 1.70 0.00	69.80 1.99 0.00	68.51 2.18 0.00	80.74 2.75 0.00	151.04 5.46 0.00	114.69 3.44 -12.68	69.60 2.23 0.00	83.35 2.24 -12.68	124.02 2.00 -59.13	49.27 1.53 0.00	49.65 1.47 0.00
ROARING___BROOK_WT_PWR 323790	30.70 -0.29 0.00	37.04 -0.35 0.00	33.89 -0.27 0.00	36.96 -0.24 0.00	29.09 -0.17 0.00	26.32 -0.19 0.00	33.56 -0.20 0.00	37.83 -0.25 0.00	41.61 -0.31 0.00	44.19 -0.31 0.00	39.71 -0.30 0.00	50.15 -0.35 0.00	52.04 -0.58 0.00	62.40 -0.91 0.00	66.62 -1.19 0.00	64.72 -1.61 0.00	87.96 -1.82 -11.78	148.98 -2.49 -5.89	97.15 -1.42 0.00	66.33 -1.04 0.00	67.36 -1.07 0.00	61.89 -1.00 0.00	47.03 -0.71 0.00	47.60 -0.58 0.00
ROCHESRG_115KV_T4 355643	31.22 0.23 0.00	37.44 0.04 0.00	34.21 0.05 0.00	37.04 -0.15 0.00	29.10 -0.17 0.00	26.40 -0.11 0.00	33.71 -0.05 0.00	38.07 0.00 0.00	42.21 0.29 0.00	45.18 0.67 0.00	40.93 0.91 0.00	52.15 1.64 0.00	54.15 1.53 0.00	65.09 1.78 0.00	69.37 1.57 0.00	68.17 1.84 0.00	79.04 1.05 0.00	146.43 0.85 0.00	99.03 0.46 0.00	67.97 0.61 0.00	68.84 0.41 0.00	63.12 0.22 0.00	47.97 0.23 0.00	48.54 0.36 0.00

ROCHESTER_9_IC 23652	31.45 0.46 0.00	37.71 0.31 0.00	34.44 0.28 0.00	37.28 0.09 0.00	29.29 0.03 0.00	26.58 0.06 0.00	33.96 0.19 0.00	38.37 0.28 0.00	42.56 0.63 0.00	45.55 1.05 0.00	41.29 1.28 0.00	52.63 2.12 0.00	54.69 2.07 0.00	65.76 2.46 0.00	70.13 2.32 0.00	68.91 2.58 0.00	79.86 1.87 0.00	147.90 2.32 0.00	100.01 1.45 0.00	68.65 1.29 0.00	69.53 1.09 0.00	63.73 0.84 0.00	48.40 0.67 0.00	48.94 0.76 0.00
ROCKVIEW_13_KV_LD 356306	33.38 2.39 0.00	40.15 2.76 0.00	36.56 2.40 0.00	39.37 2.18 0.00	31.11 1.84 0.00	28.45 1.94 0.00	36.19 2.43 0.00	41.00 2.92 0.00	45.26 3.33 0.00	48.16 3.66 0.00	43.25 3.23 0.00	54.22 3.71 0.00	57.17 4.55 0.00	69.00 5.70 0.00	74.26 6.46 0.00	73.30 6.97 0.00	86.36 8.36 0.00	160.05 14.47 0.00	109.40 8.97 -1.86	73.24 5.88 0.00	75.79 5.50 -1.86	76.56 4.99 -8.68	51.61 3.88 0.00	52.00 3.82 0.00
ROME____115KV_TB2 80656	32.55 1.56 0.00	39.22 1.79 -0.03	35.71 1.55 0.00	38.78 1.59 0.00	30.50 1.24 0.00	27.72 1.21 0.00	35.37 1.61 0.00	40.00 1.88 -0.04	43.99 2.06 0.00	46.86 2.36 0.00	42.07 2.05 0.00	53.25 2.74 0.00	55.38 2.76 0.00	67.00 3.69 0.00	71.80 3.99 0.00	70.40 3.65 -0.42	82.45 4.46 0.00	154.37 8.79 0.00	104.86 6.29 0.00	71.56 4.20 0.00	72.77 4.34 0.00	66.91 4.01 0.00	50.55 2.81 0.00	50.72 2.53 0.00
ROSETON____1 23587	32.69 1.71 0.00	39.45 2.05 0.00	35.95 1.79 0.00	38.79 1.60 0.00	30.61 1.35 0.00	27.96 1.44 0.00	35.53 1.77 0.00	40.18 2.09 0.00	44.29 2.36 0.00	47.03 2.53 0.00	42.23 2.22 0.00	53.01 2.50 0.00	55.76 3.14 0.00	67.30 4.00 0.00	72.38 4.57 0.00	71.25 4.93 0.00	84.01 6.02 0.00	156.05 10.47 0.00	106.86 6.48 -1.81	71.53 4.17 0.00	74.15 3.92 -1.81	74.85 3.54 -8.42	50.51 2.77 0.00	50.87 2.69 0.00
ROSETON____2 23588	32.69 1.71 0.00	39.45 2.05 0.00	35.95 1.79 0.00	38.79 1.60 0.00	30.61 1.35 0.00	27.96 1.44 0.00	35.53 1.77 0.00	40.18 2.09 0.00	44.29 2.36 0.00	47.03 2.53 0.00	42.23 2.22 0.00	53.01 2.50 0.00	55.76 3.14 0.00	67.30 4.00 0.00	72.38 4.57 0.00	71.25 4.93 0.00	84.01 6.02 0.00	156.05 10.47 0.00	106.86 6.48 -1.81	71.53 4.17 0.00	74.15 3.92 -1.81	74.85 3.54 -8.42	50.51 2.77 0.00	50.87 2.69 0.00
ROTTDAM_115KV_TB3 80664	32.21 1.23 0.00	39.01 1.61 0.00	35.57 1.41 0.00	38.55 1.36 0.00	30.37 1.11 0.00	27.63 1.12 0.00	35.14 1.37 0.00	39.66 1.58 0.00	43.62 1.69 0.00	46.17 1.67 0.00	41.47 1.46 0.00	52.17 1.67 0.00	54.53 1.91 0.00	65.81 2.50 0.00	70.69 2.88 0.00	69.36 3.04 0.00	81.57 3.57 0.00	152.62 7.05 0.00	125.99 4.81 -22.61	70.63 3.26 -0.01	94.39 3.35 -22.61	171.26 2.96 -105.41	49.94 2.21 0.00	50.27 2.09 0.00
RUSSELL____1 23602	31.66 0.68 0.00	37.94 0.55 0.00	34.65 0.49 0.00	37.49 0.30 0.00	29.46 0.19 0.00	26.73 0.22 0.00	34.16 0.40 0.00	38.61 0.53 0.00	42.84 0.92 0.00	45.87 1.37 0.00	41.60 1.59 0.00	53.04 2.54 0.00	55.14 2.52 0.00	66.34 3.03 0.00	70.79 2.98 0.00	69.56 3.24 0.00	80.60 2.61 0.00	149.24 3.66 0.00	100.93 2.36 0.00	69.30 1.94 0.00	70.17 1.74 0.00	64.29 1.40 0.00	48.81 1.08 0.00	49.33 1.15 0.00
RUSSELL____2 23532	31.66 0.68 0.00	37.94 0.55 0.00	34.65 0.49 0.00	37.49 0.30 0.00	29.46 0.19 0.00	26.73 0.22 0.00	34.16 0.40 0.00	38.61 0.53 0.00	42.84 0.92 0.00	45.87 1.37 0.00	41.60 1.59 0.00	53.04 2.54 0.00	55.14 2.52 0.00	66.34 3.03 0.00	70.79 2.98 0.00	69.56 3.24 0.00	80.60 2.61 0.00	149.24 3.66 0.00	100.93 2.36 0.00	69.30 1.94 0.00	70.17 1.74 0.00	64.29 1.40 0.00	48.81 1.08 0.00	49.33 1.15 0.00
RUSSELL____3 23549	31.66 0.68 0.00	37.94 0.55 0.00	34.65 0.49 0.00	37.49 0.30 0.00	29.46 0.19 0.00	26.73 0.22 0.00	34.16 0.40 0.00	38.61 0.53 0.00	42.84 0.92 0.00	45.87 1.37 0.00	41.60 1.59 0.00	53.04 2.54 0.00	55.14 2.52 0.00	66.34 3.03 0.00	70.79 2.98 0.00	69.56 3.24 0.00	80.60 2.61 0.00	149.24 3.66 0.00	100.93 2.36 0.00	69.30 1.94 0.00	70.17 1.74 0.00	64.29 1.40 0.00	48.81 1.08 0.00	49.33 1.15 0.00
RUSSELL____4 23556	31.66 0.68 0.00	37.94 0.55 0.00	34.65 0.49 0.00	37.49 0.30 0.00	29.46 0.19 0.00	26.73 0.22 0.00	34.16 0.40 0.00	38.61 0.53 0.00	42.84 0.92 0.00	45.87 1.37 0.00	41.60 1.59 0.00	53.04 2.54 0.00	55.14 2.52 0.00	66.34 3.03 0.00	70.79 2.98 0.00	69.56 3.24 0.00	80.60 2.61 0.00	149.24 3.66 0.00	100.93 2.36 0.00	69.30 1.94 0.00	70.17 1.74 0.00	64.29 1.40 0.00	48.81 1.08 0.00	49.33 1.15 0.00
RUSSELL____STATION 23914	31.66 0.68 0.00	37.94 0.55 0.00	34.65 0.49 0.00	37.49 0.30 0.00	29.46 0.19 0.00	26.73 0.22 0.00	34.16 0.40 0.00	38.61 0.53 0.00	42.84 0.92 0.00	45.87 1.37 0.00	41.60 1.59 0.00	53.04 2.54 0.00	55.14 2.52 0.00	66.34 3.03 0.00	70.79 2.98 0.00	69.56 3.24 0.00	80.60 2.61 0.00	149.24 3.66 0.00	100.93 2.36 0.00	69.30 1.94 0.00	70.17 1.74 0.00	64.29 1.40 0.00	48.81 1.08 0.00	49.33 1.15 0.00
S SALMON____HYD 24043	31.11 0.10 -0.02	37.63 0.08 -0.15	34.21 0.04 -0.01	37.24 0.05 0.00	29.25 -0.01 0.00	26.53 0.02 0.00	33.83 0.07 0.00	38.34 0.06 -0.20	41.92 -0.01 0.00	44.68 0.18 0.00	40.19 0.18 0.00	50.87 0.37 0.00	52.80 0.17 0.00	63.31 0.00 0.00	67.78 -0.03 0.00	65.31 -0.60 0.41	75.73 -0.33 1.93	144.48 -0.13 0.97	98.92 0.36 0.00	67.34 -0.02 0.00	68.53 0.10 0.00	63.08 0.18 0.00	47.45 -0.29 0.00	47.76 -0.42 0.00
S.PERRY__115KV_TB1 80734	32.43 1.45 0.00	39.10 1.70 0.00	35.66 1.50 0.00	38.48 1.28 0.00	30.21 0.94 0.00	27.45 0.94 0.00	35.11 1.35 0.00	39.54 1.46 0.00	43.01 1.08 0.00	45.75 1.25 0.00	41.31 1.30 0.00	52.51 2.00 0.00	54.50 1.88 0.00	64.58 1.28 0.00	66.78 -1.03 0.00	66.09 -0.24 0.00	76.94 -1.06 0.00	142.56 -3.01 0.00	96.81 -1.75 0.00	66.84 -0.52 0.00	67.75 -0.68 0.00	62.40 -0.50 0.00	49.00 1.27 0.00	49.55 1.37 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	31.11 0.12 0.00	37.21 -0.18 0.00	34.05 -0.11 0.00	36.71 -0.48 0.00	28.83 -0.43 0.00	26.14 -0.37 0.00	33.39 -0.38 0.00	37.64 -0.44 0.00	41.88 -0.05 0.00	44.97 0.47 0.00	40.82 0.81 0.00	52.20 1.69 0.00	53.95 1.33 0.00	64.64 1.34 0.00	68.70 0.90 0.00	67.67 1.34 0.00	78.04 0.05 0.00	144.02 -1.56 0.00	97.34 -1.23 0.00	67.07 -0.30 0.00	68.00 -0.43 0.00	62.19 -0.71 0.00	47.39 -0.35 0.00	48.26 0.08 0.00
SAWYER____23_KV_LOAD 55526	31.11 0.12 0.00	37.21 -0.18 0.00	34.05 -0.11 0.00	36.71 -0.48 0.00	28.83 -0.43 0.00	26.14 -0.37 0.00	33.39 -0.38 0.00	37.64 -0.44 0.00	41.88 -0.05 0.00	44.97 0.47 0.00	40.82 0.81 0.00	52.20 1.69 0.00	53.95 1.33 0.00	64.64 1.34 0.00	68.70 0.90 0.00	67.67 1.34 0.00	78.04 0.05 0.00	144.02 -1.56 0.00	97.34 -1.23 0.00	67.07 -0.30 0.00	68.00 -0.43 0.00	62.19 -0.71 0.00	47.39 -0.35 0.00	48.26 0.08 0.00

SELKIRK___I 23801	31.97 0.99 0.00	38.81 1.41 0.00	35.40 1.24 0.00	38.36 1.17 0.00	30.23 0.97 0.00	27.51 1.00 0.00	34.93 1.17 0.00	39.32 1.24 0.00	43.17 1.24 0.00	45.46 0.96 0.00	40.56 0.55 0.00	50.29 -0.21 0.00	52.24 -0.38 0.00	63.02 -0.28 0.00	67.66 -0.14 0.00	63.38 0.07 3.02	78.32 0.33 0.00	146.84 1.27 0.00	107.93 1.19 -8.17	69.31 1.95 0.00	78.04 1.44 -8.17	101.70 0.71 -38.10	48.61 0.87 0.00	49.65 1.47 0.00
SELKIRK___II 23799	31.84 0.85 0.00	38.62 1.22 0.00	35.22 1.06 0.00	38.13 0.94 0.00	30.06 0.80 0.00	27.38 0.86 0.00	34.76 0.99 0.00	39.19 1.11 0.00	43.11 1.18 0.00	45.47 0.97 0.00	40.63 0.61 0.00	50.86 0.36 0.00	53.15 0.53 0.00	64.14 0.84 0.00	68.80 0.99 0.00	56.36 1.12 11.09	79.54 1.55 0.00	148.62 3.05 0.00	109.33 1.92 -8.84	68.70 1.34 0.00	78.66 1.39 -8.84	105.27 1.17 -41.20	48.70 0.97 0.00	49.24 1.06 0.00
SENECA OSWGO___HYD 24041	30.78 -0.23 -0.03	37.31 -0.30 -0.21	33.84 -0.33 -0.02	36.82 -0.37 0.00	28.92 -0.34 0.00	26.25 -0.26 0.00	33.43 -0.33 0.00	38.03 -0.34 -0.29	41.61 -0.31 0.00	44.26 -0.24 0.00	39.87 -0.14 0.00	50.42 -0.09 0.00	52.58 -0.04 0.00	63.24 -0.06 0.00	67.63 -0.18 0.00	66.18 -0.07 0.09	77.95 -0.04 0.00	145.24 -0.34 0.00	98.23 -0.34 0.00	67.11 -0.26 0.00	68.15 -0.28 0.00	62.55 -0.34 0.00	47.35 -0.39 0.00	47.68 -0.50 0.00
SENECA___115KV_TB3 355854	31.51 0.52 0.00	37.68 0.28 0.00	34.43 0.28 0.00	37.12 -0.07 0.00	29.14 -0.12 0.00	26.44 -0.07 0.00	33.78 0.02 0.00	38.17 0.09 0.00	42.49 0.56 0.00	45.67 1.17 0.00	41.46 1.45 0.00	52.94 2.44 0.00	54.83 2.21 0.00	65.71 2.41 0.00	69.95 2.15 0.00	68.93 2.60 0.00	79.55 1.55 0.00	146.70 1.13 0.00	99.10 0.53 0.00	68.22 0.86 0.00	69.23 0.80 0.00	63.32 0.42 0.00	48.16 0.43 0.00	49.00 0.82 0.00
SENECA___ENERGY 23797	31.49 0.49 -0.01	37.90 0.43 -0.08	34.53 0.37 -0.01	37.42 0.23 0.00	29.43 0.16 0.00	26.73 0.22 0.00	34.13 0.36 0.00	38.77 0.59 -0.10	42.68 0.75 0.00	45.59 1.09 0.00	41.21 1.20 0.00	52.14 1.64 0.00	54.45 1.83 0.00	65.54 2.23 0.00	70.12 2.31 0.00	68.69 2.36 0.00	80.38 2.39 0.00	147.68 2.11 0.00	99.92 1.35 0.00	68.55 1.19 0.00	69.54 1.11 0.00	63.75 0.85 0.00	48.24 0.51 0.00	48.60 0.42 0.00
SHOEMAKER___GT 23640	32.62 1.63 0.00	39.34 1.95 0.00	35.84 1.68 0.00	38.70 1.51 0.00	30.53 1.26 0.00	27.85 1.34 0.00	35.42 1.66 0.00	40.04 1.96 0.00	44.12 2.19 0.00	46.89 2.39 0.00	42.13 2.12 0.00	52.92 2.42 0.00	55.58 2.96 0.00	67.08 3.77 0.00	72.12 4.31 0.00	70.98 4.65 0.00	83.81 5.81 0.00	155.71 10.13 0.00	106.55 6.35 -1.64	71.55 4.18 0.00	74.05 3.98 -1.64	74.13 3.58 -7.65	50.50 2.77 0.00	50.83 2.65 0.00
SHOEMAKR_138KV_BK 111 55601	32.61 1.63 0.00	39.33 1.93 0.00	35.82 1.66 0.00	38.67 1.48 0.00	30.51 1.25 0.00	27.84 1.33 0.00	35.40 1.64 0.00	40.02 1.94 0.00	44.11 2.18 0.00	46.90 2.40 0.00	42.14 2.13 0.00	52.92 2.42 0.00	55.61 2.99 0.00	67.11 3.81 0.00	72.16 4.35 0.00	71.02 4.69 0.00	83.80 5.81 0.00	155.69 10.11 0.00	106.52 6.33 -1.63	71.50 4.14 0.00	73.97 3.91 -1.63	73.99 3.52 -7.58	50.45 2.72 0.00	50.80 2.61 0.00
SHOREHAM_IC_1 23715	34.30 2.84 -0.48	42.73 3.39 -1.94	40.56 3.03 -3.37	39.88 2.69 0.00	31.50 2.24 0.00	28.84 2.33 0.00	36.68 2.91 0.00	41.38 3.29 0.00	45.33 3.40 0.00	48.11 3.61 0.00	43.27 3.26 0.00	54.12 3.62 0.00	85.22 5.09 -27.50	130.07 6.38 -60.38	118.51 7.13 -43.58	145.00 7.74 -70.93	198.28 9.52 -110.77	271.54 16.29 -109.68	138.25 10.28 -29.40	116.04 6.80 -41.88	105.08 6.35 -30.30	77.81 5.41 -9.51	56.44 4.45 -4.25	62.20 4.40 -9.62
SHOREHAM_IC_2 23716	34.30 2.84 -0.48	42.73 3.39 -1.94	40.56 3.03 -3.37	39.88 2.69 0.00	31.50 2.24 0.00	28.84 2.33 0.00	36.68 2.91 0.00	41.38 3.29 0.00	45.33 3.40 0.00	48.11 3.61 0.00	43.27 3.26 0.00	54.12 3.62 0.00	85.22 5.09 -27.50	130.07 6.38 -60.38	118.51 7.13 -43.58	145.00 7.74 -70.93	198.28 9.52 -110.77	271.54 16.29 -109.68	138.25 10.28 -29.40	116.04 6.80 -41.88	105.08 6.35 -30.30	77.81 5.41 -9.51	56.44 4.45 -4.25	62.20 4.40 -9.62
SISSONVILLE____ 23735	29.53 -1.46 0.00	35.53 -1.89 -0.02	32.69 -1.46 0.00	35.81 -1.39 0.00	28.01 -1.26 0.00	25.20 -1.31 0.00	32.31 -1.46 0.00	36.42 -1.68 -0.03	39.91 -2.02 0.00	42.32 -2.18 0.00	37.95 -2.06 0.00	48.27 -2.23 0.00	49.74 -2.88 0.00	59.27 -4.03 0.00	63.18 -4.63 0.00	60.46 -5.29 0.58	51.21 -5.72 21.07	126.21 -8.83 10.54	92.89 -5.68 0.00	63.62 -3.75 0.00	64.81 -3.62 0.00	59.91 -2.98 0.00	45.55 -2.19 0.00	46.10 -2.08 0.00
SITHE_IND_GS1 24169	30.15 -0.75 0.09	35.87 -0.94 0.59	33.23 -0.88 0.05	36.27 -0.92 0.00	28.48 -0.78 0.00	25.81 -0.70 0.00	32.88 -0.88 0.00	36.32 -0.96 0.80	40.91 -1.02 0.00	43.51 -0.99 0.00	39.17 -0.84 0.00	49.51 -0.99 0.00	51.59 -1.03 0.00	62.06 -1.25 0.00	66.40 -1.41 0.00	65.01 -1.32 0.00	76.35 -1.65 0.00	142.21 -3.37 0.00	96.28 -2.29 0.00	65.78 -1.58 0.00	66.86 -1.57 0.00	61.40 -1.50 0.00	46.53 -1.21 0.00	46.92 -1.26 0.00
SITHE_IND_GS2 24170	30.15 -0.75 0.09	35.87 -0.94 0.59	33.23 -0.88 0.05	36.27 -0.92 0.00	28.48 -0.78 0.00	25.81 -0.70 0.00	32.88 -0.88 0.00	36.32 -0.96 0.80	40.91 -1.02 0.00	43.51 -0.99 0.00	39.17 -0.84 0.00	49.51 -0.99 0.00	51.59 -1.03 0.00	62.06 -1.25 0.00	66.40 -1.41 0.00	65.01 -1.32 0.00	76.35 -1.65 0.00	142.21 -3.37 0.00	96.28 -2.29 0.00	65.78 -1.58 0.00	66.86 -1.57 0.00	61.40 -1.50 0.00	46.53 -1.21 0.00	46.92 -1.26 0.00
SITHE_IND_GS3 24171	30.15 -0.75 0.09	35.87 -0.94 0.59	33.23 -0.88 0.05	36.27 -0.92 0.00	28.48 -0.78 0.00	25.81 -0.70 0.00	32.88 -0.88 0.00	36.32 -0.96 0.80	40.91 -1.02 0.00	43.51 -0.99 0.00	39.17 -0.84 0.00	49.51 -0.99 0.00	51.59 -1.03 0.00	62.06 -1.25 0.00	66.40 -1.41 0.00	65.01 -1.32 0.00	76.35 -1.65 0.00	142.21 -3.37 0.00	96.28 -2.29 0.00	65.78 -1.58 0.00	66.86 -1.57 0.00	61.40 -1.50 0.00	46.53 -1.21 0.00	46.92 -1.26 0.00
SITHE_IND_GS4 24172	30.15 -0.75 0.09	35.87 -0.94 0.59	33.23 -0.88 0.05	36.27 -0.92 0.00	28.48 -0.78 0.00	25.81 -0.70 0.00	32.88 -0.88 0.00	36.32 -0.96 0.80	40.91 -1.02 0.00	43.51 -0.99 0.00	39.17 -0.84 0.00	49.51 -0.99 0.00	51.59 -1.03 0.00	62.06 -1.25 0.00	66.40 -1.41 0.00	65.01 -1.32 0.00	76.35 -1.65 0.00	142.21 -3.37 0.00	96.28 -2.29 0.00	65.78 -1.58 0.00	66.86 -1.57 0.00	61.40 -1.50 0.00	46.53 -1.21 0.00	46.92 -1.26 0.00
SITHE___BATAVIA 24024	32.11 1.12 0.00	38.38 0.99 0.00	35.05 0.89 0.00	37.84 0.65 0.00	29.73 0.46 0.00	26.99 0.48 0.00	34.53 0.77 0.00	38.96 0.88 0.00	43.22 1.29 0.00	46.39 1.88 0.00	42.15 2.14 0.00	53.74 3.24 0.00	55.66 3.04 0.00	66.88 3.57 0.00	70.77 2.96 0.00	69.19 2.86 0.00	79.72 1.72 0.00	147.66 2.09 0.00	99.89 1.32 0.00	68.74 1.38 0.00	69.79 1.36 0.00	64.78 1.88 0.00	49.23 1.49 0.00	49.88 1.70 0.00

SITHE___INDEPEND 23800	30.15 -0.75 0.09	35.87 -0.94 0.59	33.23 -0.88 0.05	36.26 -0.93 0.00	28.48 -0.78 0.00	25.81 -0.70 0.00	32.88 -0.88 0.00	36.32 -0.96 0.80	40.91 -1.02 0.00	43.52 -0.99 0.00	39.17 -0.84 0.00	49.51 -0.99 0.00	51.59 -1.03 0.00	62.06 -1.25 0.00	66.40 -1.41 0.00	65.02 -1.31 0.00	76.34 -1.65 0.00	142.21 -3.37 0.00	96.28 -2.29 0.00	65.78 -1.58 0.00	66.86 -1.57 0.00	61.40 -1.50 0.00	46.53 -1.21 0.00	46.92 -1.26 0.00
SITHE___MASSENA 23902	30.08 -0.90 0.00	36.10 -1.30 0.00	33.16 -1.00 0.00	36.31 -0.88 0.00	28.52 -0.75 0.00	25.66 -0.85 0.00	32.86 -0.90 0.00	37.03 -1.05 0.00	40.70 -1.23 0.00	43.13 -1.37 0.00	38.73 -1.28 0.00	49.20 -1.31 0.00	50.83 -1.79 0.00	60.73 -2.58 0.00	64.73 -3.08 0.00	62.60 -3.49 0.24	48.53 -3.97 25.50	126.40 -6.42 12.75	94.66 -3.90 0.00	64.91 -2.45 0.00	66.06 -2.37 0.00	60.91 -1.99 0.00	46.31 -1.42 0.00	46.96 -1.22 0.00
SITHE___OGDNSBRG 24021	30.31 -0.67 0.00	36.33 -1.07 0.00	33.40 -0.75 0.00	36.61 -0.58 0.00	28.71 -0.56 0.00	25.83 -0.68 0.00	33.14 -0.63 0.00	37.27 -0.81 0.00	40.77 -1.16 0.00	43.10 -1.41 0.00	38.58 -1.44 0.00	49.29 -1.22 0.00	50.85 -1.77 0.00	60.38 -2.92 0.00	64.44 -3.37 0.00	61.87 -4.02 0.45	51.23 -3.98 22.79	128.97 -5.21 11.40	95.19 -3.38 0.00	65.48 -1.88 0.00	66.87 -1.56 0.00	61.76 -1.13 0.00	46.91 -0.83 0.00	47.47 -0.72 0.00
SITHE___STERLING 23777	32.27 1.27 0.00	38.90 1.47 -0.03	35.43 1.27 0.00	38.47 1.28 0.00	30.24 0.98 0.00	27.48 0.97 0.00	35.05 1.28 0.00	39.65 1.52 -0.04	43.65 1.72 0.00	46.46 1.96 0.00	41.75 1.74 0.00	52.81 2.31 0.00	55.00 2.38 0.00	66.50 3.19 0.00	71.29 3.48 0.00	69.87 3.29 -0.25	81.89 3.90 0.00	153.01 7.43 0.00	103.77 5.20 0.00	70.96 3.59 0.00	72.12 3.69 0.00	66.27 3.38 0.00	50.08 2.34 0.00	50.30 2.12 0.00
SLEIGHT___34_KV_TB1 80719	31.29 0.30 0.00	37.57 0.15 -0.02	34.30 0.14 0.00	37.15 -0.04 0.00	29.19 -0.07 0.00	26.50 -0.01 0.00	33.88 0.12 0.00	38.37 0.26 -0.03	42.43 0.50 0.00	45.39 0.89 0.00	41.06 1.05 0.00	52.20 1.70 0.00	54.39 1.76 0.00	65.48 2.17 0.00	69.90 2.09 0.00	68.57 2.24 0.00	79.96 1.96 0.00	148.23 2.65 0.00	100.28 1.72 0.00	68.73 1.37 0.00	69.71 1.28 0.00	63.86 0.97 0.00	48.37 0.63 0.00	48.77 0.59 0.00
SOUTH CAIRO___GT 23612	33.26 2.27 0.00	40.31 2.91 0.00	36.68 2.52 0.00	39.72 2.54 0.00	31.28 2.02 0.00	28.49 1.98 0.00	36.24 2.48 0.00	41.17 3.09 0.00	45.32 3.39 0.00	47.14 2.64 0.00	41.99 1.98 0.00	52.63 2.12 0.00	54.88 2.26 0.00	66.50 3.20 0.00	71.52 3.71 0.00	66.37 3.80 3.75	83.30 5.31 0.00	157.03 11.45 0.00	114.85 8.72 -7.57	73.69 6.32 0.00	82.46 6.46 -7.57	103.65 5.45 -35.31	51.70 3.97 0.00	52.05 3.86 0.00
SOUTH HAMPTN___IC 23720	34.99 3.52 -0.48	43.55 4.21 -1.94	41.30 3.77 -3.37	40.67 3.48 0.00	32.13 2.86 0.00	29.42 2.91 0.00	37.44 3.68 0.00	42.28 4.20 0.00	46.41 4.48 0.00	49.28 4.77 0.00	44.31 4.30 0.00	55.47 4.96 0.00	85.48 6.51 -26.35	129.24 8.09 -57.84	118.41 8.86 -41.74	143.74 9.46 -67.95	195.59 11.40 -106.19	266.02 19.28 -101.16	137.95 12.16 -27.22	115.56 8.08 -40.12	104.92 7.56 -28.93	78.81 6.41 -9.51	57.33 5.36 -4.24	63.14 5.34 -9.61
SOUTHDOW___115KV_TB1 355954	32.81 1.83 0.00	39.19 1.79 0.00	35.63 1.47 0.00	38.23 1.04 0.00	29.89 0.63 0.00	27.34 0.83 0.00	35.03 1.26 0.00	39.94 1.86 0.00	44.64 2.71 0.00	48.08 3.58 0.00	43.60 3.59 0.00	55.55 5.04 0.00	57.80 5.18 0.00	69.28 5.98 0.00	72.85 5.05 0.00	71.59 5.26 0.00	82.97 4.97 0.00	152.61 7.03 0.00	103.08 4.52 0.00	70.84 3.47 0.00	73.33 4.89 0.00	67.19 4.29 0.00	50.85 3.11 0.00	51.42 3.24 0.00
SOUTHOLD_69_KV_BK 2 55809	35.81 4.35 -0.48	44.56 5.22 -1.94	42.19 4.66 -3.37	41.63 4.44 0.00	32.87 3.61 0.00	30.12 3.61 0.00	38.40 4.63 0.00	43.40 5.32 0.00	47.70 5.77 0.00	50.44 5.94 0.00	44.83 4.82 0.00	56.21 5.71 0.00	86.35 7.37 -26.36	130.34 9.16 -57.87	119.43 9.86 -41.76	144.73 10.42 -67.98	196.49 12.25 -106.25	266.76 19.87 -101.31	138.32 12.49 -27.26	115.77 8.27 -40.14	105.03 7.66 -28.94	79.07 6.66 -9.51	58.29 6.31 -4.24	64.16 6.36 -9.61
SOUTHOLD___IC 23719	35.82 4.35 -0.48	44.56 5.22 -1.94	42.19 4.66 -3.37	41.63 4.44 0.00	32.87 3.61 0.00	30.12 3.60 0.00	38.40 4.64 0.00	43.40 5.32 0.00	47.70 5.77 0.00	50.45 5.94 0.00	44.83 4.81 0.00	56.21 5.70 0.00	86.35 7.37 -26.36	130.34 9.16 -57.87	119.43 9.86 -41.76	144.74 10.42 -67.98	196.49 12.24 -106.25	266.76 19.87 -101.31	138.32 12.49 -27.26	115.76 8.27 -40.14	105.03 7.65 -28.94	79.07 6.66 -9.51	58.29 6.31 -4.24	64.16 6.37 -9.61
SOUTH_FORK_WT_PWR 323839	35.89 4.43 -0.48	44.69 5.35 -1.94	42.33 4.80 -3.37	41.78 4.59 0.00	33.00 3.74 0.00	30.24 3.73 0.00	38.57 4.81 0.00	43.61 5.52 0.00	47.93 6.00 0.00	50.83 6.33 0.00	45.48 5.47 0.00	57.03 6.53 0.00	87.19 8.21 -26.35	131.30 10.14 -57.86	120.36 10.80 -41.75	145.55 11.25 -67.96	197.16 12.94 -106.22	267.35 20.54 -101.23	138.69 12.88 -27.24	116.15 8.66 -40.12	105.37 8.00 -28.93	79.06 6.66 -9.51	58.06 6.08 -4.24	64.04 6.24 -9.61
SPIERFLS_115KV_TB 1 80737	32.95 1.96 0.00	39.93 2.53 0.00	36.39 2.23 0.00	39.42 2.23 0.00	31.05 1.79 0.00	28.31 1.80 0.00	36.03 2.27 0.00	40.78 2.70 0.00	44.88 2.95 0.00	47.34 2.84 0.00	42.24 2.23 0.00	53.31 2.80 0.00	55.62 3.00 0.00	67.22 3.92 0.00	72.31 4.50 0.00	71.13 4.80 0.00	83.76 5.77 0.00	157.72 12.14 0.00	128.49 8.87 -21.05	73.43 6.06 -0.01	95.61 6.13 -21.05	166.25 5.24 -98.12	51.24 3.51 0.00	51.33 3.15 0.00
ST LAWRENCE____ 23600	30.08 -0.91 0.00	36.10 -1.30 0.00	33.12 -1.03 0.00	36.27 -0.92 0.00	28.52 -0.74 0.00	25.67 -0.84 0.00	32.84 -0.92 0.00	37.02 -1.06 0.00	40.73 -1.20 0.00	43.16 -1.35 0.00	38.79 -1.23 0.00	49.19 -1.31 0.00	50.87 -1.75 0.00	60.90 -2.40 0.00	64.97 -2.84 0.00	62.99 -3.19 0.15	47.70 -3.73 26.56	126.01 -6.28 13.28	94.80 -3.76 0.00	64.94 -2.42 0.00	66.07 -2.36 0.00	60.78 -2.11 0.00	46.25 -1.49 0.00	46.90 -1.28 0.00
STATE_CA_115KV_115_LB 55624	32.02 1.03 0.00	38.81 1.41 0.00	35.38 1.22 0.00	38.30 1.11 0.00	30.20 0.94 0.00	27.51 1.00 0.00	34.93 1.17 0.00	39.42 1.34 0.00	43.38 1.45 0.00	45.85 1.35 0.00	41.16 1.15 0.00	51.72 1.22 0.00	54.12 1.50 0.00	65.35 2.05 0.00	70.19 2.38 0.00	68.90 2.57 0.00	81.17 3.18 0.00	151.83 6.26 0.00	116.57 3.97 -14.04	69.96 2.59 0.00	85.07 2.60 -14.04	130.64 2.30 -65.45	49.50 1.76 0.00	49.86 1.68 0.00
STATE_ST_34_KV_LOAD 55959	31.51 0.51 -0.01	38.03 0.55 -0.09	34.73 0.56 -0.01	37.60 0.41 0.00	29.62 0.36 0.00	26.84 0.33 0.00	34.31 0.55 0.00	38.98 0.78 -0.12	42.70 0.78 0.00	45.62 1.12 0.00	40.97 0.96 0.00	51.91 1.41 0.00	54.15 1.53 0.00	65.21 1.91 0.00	69.76 1.95 0.00	68.24 1.91 0.00	80.20 2.20 0.00	148.95 3.38 0.00	101.04 2.47 0.00	69.21 1.85 0.00	70.44 2.01 0.00	64.63 1.73 0.00	48.85 1.11 0.00	49.18 1.00 0.00

STATION 5_MISC_HYD 23604	31.45 0.46 0.00	37.71 0.31 0.00	34.44 0.28 0.00	37.29 0.10 0.00	29.29 0.03 0.00	26.58 0.07 0.00	33.96 0.19 0.00	38.37 0.28 0.00	42.56 0.63 0.00	45.55 1.05 0.00	41.29 1.28 0.00	52.63 2.12 0.00	54.69 2.07 0.00	65.76 2.46 0.00	70.12 2.32 0.00	68.88 2.55 0.00	79.86 1.86 0.00	147.91 2.33 0.00	100.03 1.46 0.00	68.64 1.28 0.00	69.53 1.10 0.00	63.73 0.83 0.00	48.41 0.67 0.00	48.94 0.76 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.66 0.67 0.00	37.98 0.56 -0.02	34.65 0.49 0.00	37.52 0.33 0.00	29.50 0.23 0.00	26.79 0.28 0.00	34.22 0.46 0.00	38.78 0.67 -0.03	42.95 1.02 0.00	45.95 1.45 0.00	41.61 1.60 0.00	52.89 2.39 0.00	55.06 2.44 0.00	66.30 3.00 0.00	70.86 3.06 0.00	69.54 3.21 0.00	80.91 2.91 0.00	149.90 4.32 0.00	101.48 2.91 0.00	69.58 2.22 0.00	70.47 2.04 0.00	64.56 1.66 0.00	48.90 1.17 0.00	49.31 1.13 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.27 0.29 0.00	37.50 0.10 0.00	34.24 0.08 0.00	37.09 -0.10 0.00	29.13 -0.13 0.00	26.44 -0.07 0.00	33.78 0.02 0.00	38.17 0.09 0.00	42.36 0.43 0.00	45.33 0.82 0.00	41.08 1.07 0.00	52.36 1.86 0.00	54.44 1.82 0.00	65.51 2.20 0.00	69.87 2.06 0.00	68.64 2.31 0.00	79.60 1.60 0.00	147.42 1.84 0.00	99.69 1.12 0.00	68.39 1.03 0.00	69.26 0.83 0.00	63.46 0.56 0.00	48.17 0.44 0.00	48.69 0.50 0.00
STA_56____34_KV_BUS2 355983	31.27 0.29 0.00	37.50 0.10 0.00	34.24 0.08 0.00	37.09 -0.10 0.00	29.13 -0.13 0.00	26.44 -0.07 0.00	33.78 0.02 0.00	38.17 0.09 0.00	42.36 0.43 0.00	45.33 0.82 0.00	41.08 1.07 0.00	52.36 1.86 0.00	54.44 1.82 0.00	65.51 2.20 0.00	69.87 2.06 0.00	68.64 2.31 0.00	79.60 1.60 0.00	147.42 1.84 0.00	99.69 1.12 0.00	68.39 1.03 0.00	69.26 0.83 0.00	63.46 0.56 0.00	48.17 0.44 0.00	48.69 0.50 0.00
STA_67____115KV_BK2 355882	31.36 0.37 0.00	37.61 0.21 0.00	34.34 0.19 0.00	37.19 0.00 0.00	29.21 -0.05 0.00	26.51 0.00 0.00	33.87 0.11 0.00	38.26 0.18 0.00	42.43 0.50 0.00	45.40 0.90 0.00	41.15 1.14 0.00	52.45 1.95 0.00	54.49 1.87 0.00	65.50 2.19 0.00	69.84 2.03 0.00	68.64 2.31 0.00	79.55 1.56 0.00	147.35 1.77 0.00	99.64 1.08 0.00	68.39 1.03 0.00	69.27 0.84 0.00	63.50 0.61 0.00	48.24 0.50 0.00	48.79 0.61 0.00
STA_7____115KV_9TRANS 80674	31.66 0.68 0.00	37.94 0.55 0.00	34.65 0.49 0.00	37.49 0.30 0.00	29.46 0.19 0.00	26.73 0.22 0.00	34.16 0.40 0.00	38.61 0.53 0.00	42.84 0.92 0.00	45.87 1.37 0.00	41.60 1.59 0.00	53.04 2.54 0.00	55.14 2.52 0.00	66.34 3.03 0.00	70.79 2.98 0.00	69.56 3.24 0.00	80.60 2.61 0.00	149.24 3.66 0.00	100.93 2.36 0.00	69.30 1.94 0.00	70.17 1.74 0.00	64.29 1.40 0.00	48.81 1.08 0.00	49.33 1.15 0.00
STA_82____115KV_TB1 80780	31.38 0.39 0.00	37.62 0.22 0.00	34.37 0.21 0.00	37.20 0.01 0.00	29.23 -0.03 0.00	26.52 0.01 0.00	33.88 0.12 0.00	38.28 0.20 0.00	42.46 0.54 0.00	45.43 0.93 0.00	41.17 1.16 0.00	52.48 1.97 0.00	54.52 1.90 0.00	65.55 2.24 0.00	69.87 2.06 0.00	68.67 2.34 0.00	79.58 1.59 0.00	147.39 1.82 0.00	99.71 1.14 0.00	68.42 1.06 0.00	69.30 0.87 0.00	63.53 0.63 0.00	48.27 0.53 0.00	48.80 0.62 0.00
STEEL____WIND 323596	31.47 0.48 0.00	37.64 0.24 0.00	34.39 0.23 0.00	37.08 -0.11 0.00	29.11 -0.15 0.00	26.41 -0.10 0.00	33.75 -0.01 0.00	38.14 0.05 0.00	42.43 0.50 0.00	45.61 1.11 0.00	41.40 1.39 0.00	52.87 2.36 0.00	54.71 2.09 0.00	65.57 2.26 0.00	69.80 1.99 0.00	68.78 2.45 0.00	79.40 1.41 0.00	146.45 0.87 0.00	98.95 0.39 0.00	68.10 0.74 0.00	69.15 0.72 0.00	63.24 0.34 0.00	48.10 0.37 0.00	48.94 0.76 0.00
STEPHTWN_115KV_BK_2 55603	32.13 1.14 0.00	38.90 1.50 0.00	35.49 1.33 0.00	38.42 1.22 0.00	30.23 0.97 0.00	27.58 1.07 0.00	35.11 1.35 0.00	39.54 1.46 0.00	43.59 1.66 0.00	45.94 1.44 0.00	41.19 1.18 0.00	51.71 1.20 0.00	54.24 1.62 0.00	65.39 2.09 0.00	70.27 2.47 0.00	68.97 2.64 0.00	81.49 3.49 0.00	152.38 6.80 0.00	114.24 4.50 -11.17	70.51 3.15 0.00	82.74 3.14 -11.17	117.58 2.60 -52.09	49.58 1.85 0.00	49.98 1.80 0.00
STEUBEN_REC_LFGE 323667	32.09 1.10 0.00	38.52 1.09 -0.03	35.14 0.98 0.00	37.86 0.67 0.00	29.66 0.40 0.00	26.92 0.41 0.00	34.45 0.69 0.00	39.07 0.95 -0.04	43.35 1.43 0.00	46.57 2.07 0.00	42.14 2.13 0.00	53.34 2.83 0.00	55.38 2.75 0.00	66.41 3.10 0.00	70.87 3.06 0.00	69.76 3.43 0.00	80.90 2.91 0.00	149.77 4.20 0.00	102.04 2.98 -0.50	70.15 2.79 0.00	71.77 2.84 -0.50	67.76 2.52 -2.34	49.60 1.86 0.00	50.18 2.00 0.00
STILLWATER____SOLAR 323814	32.87 1.88 0.00	39.83 2.43 0.00	36.30 2.14 0.00	39.32 2.13 0.00	30.99 1.73 0.00	28.22 1.71 0.00	35.88 2.11 0.00	40.52 2.44 0.00	44.57 2.64 0.00	47.07 2.56 0.00	42.19 2.18 0.00	53.07 2.57 0.00	55.44 2.82 0.00	66.98 3.67 0.00	72.10 4.29 0.00	70.81 4.48 0.00	83.33 5.34 0.00	156.48 10.90 0.00	126.46 7.63 -20.26	72.53 5.16 -0.01	93.95 5.25 -20.26	162.02 4.66 -94.47	51.08 3.34 0.00	51.29 3.11 0.00
STONY____BROOK 24151	34.34 2.87 -0.48	42.82 3.48 -1.94	40.66 3.13 -3.37	39.98 2.80 0.00	31.60 2.33 0.00	28.92 2.41 0.00	36.75 2.99 0.00	41.43 3.35 0.00	45.35 3.43 0.00	48.17 3.67 0.00	43.37 3.36 0.00	54.05 3.54 0.00	91.45 5.00 -33.83	143.80 6.23 -74.27	128.41 7.00 -53.59	161.14 7.57 -87.24	222.94 9.29 -135.66	313.99 15.93 -152.49	148.74 9.95 -40.22	125.41 6.54 -51.50	112.15 6.15 -37.57	77.68 5.27 -9.51	56.31 4.31 -4.27	62.24 4.42 -9.63
STURGEON_POOL_HYD 23609	33.00 2.02 0.00	39.79 2.39 0.00	36.23 2.07 0.00	39.05 1.86 0.00	30.83 1.56 0.00	28.16 1.65 0.00	35.81 2.05 0.00	40.51 2.43 0.00	44.68 2.75 0.00	47.61 3.11 0.00	42.85 2.84 0.00	53.91 3.41 0.00	56.82 4.20 0.00	68.52 5.21 0.00	73.83 6.02 0.00	71.78 6.41 0.96	85.82 7.82 0.00	159.15 13.57 0.00	110.03 8.30 -3.17	72.58 5.22 0.00	76.54 4.94 -3.17	82.19 4.53 -14.76	51.23 3.50 0.00	51.45 3.27 0.00
ST_LAW_115_BK7_LBMP 345037	29.99 -0.99 0.00	35.99 -1.41 0.00	33.03 -1.13 0.00	36.18 -1.01 0.00	28.45 -0.82 0.00	25.59 -0.92 0.00	32.75 -1.01 0.00	36.93 -1.15 0.00	40.62 -1.31 0.00	43.03 -1.47 0.00	38.67 -1.35 0.00	49.07 -1.44 0.00	50.71 -1.91 0.00	60.67 -2.64 0.00	64.74 -3.07 0.00	62.69 -3.47 0.17	47.54 -4.04 26.41	125.57 -6.80 13.21	94.48 -4.09 0.00	64.74 -2.62 0.00	65.85 -2.58 0.00	60.61 -2.29 0.00	46.15 -1.59 0.00	46.80 -1.38 0.00
ST_LAW_115_BK8_LBMP 345038	29.99 -0.99 0.00	35.99 -1.41 0.00	33.03 -1.13 0.00	36.18 -1.01 0.00	28.45 -0.82 0.00	25.59 -0.92 0.00	32.75 -1.01 0.00	36.93 -1.15 0.00	40.62 -1.31 0.00	43.03 -1.47 0.00	38.67 -1.35 0.00	49.07 -1.44 0.00	50.71 -1.91 0.00	60.67 -2.64 0.00	64.74 -3.07 0.00	62.69 -3.47 0.17	47.54 -4.04 26.41	125.57 -6.80 13.21	94.48 -4.09 0.00	64.74 -2.62 0.00	65.85 -2.58 0.00	60.61 -2.29 0.00	46.15 -1.59 0.00	46.80 -1.38 0.00

ST_LAW_230_BK5_LBMP 345035	30.08 -0.91 0.00	36.10 -1.30 0.00	33.12 -1.03 0.00	36.27 -0.92 0.00	28.52 -0.74 0.00	25.67 -0.84 0.00	32.84 -0.92 0.00	37.02 -1.06 0.00	40.73 -1.20 0.00	43.16 -1.35 0.00	38.79 -1.23 0.00	49.19 -1.31 0.00	50.87 -1.75 0.00	60.90 -2.40 0.00	64.97 -2.84 0.00	63.01 -3.19 0.13	47.30 -3.73 26.96	125.81 -6.28 13.48	94.80 -3.76 0.00	64.94 -2.42 0.00	66.07 -2.36 0.00	60.78 -2.11 0.00	46.25 -1.49 0.00	46.90 -1.28 0.00
ST_LAW_230_BK6_LBMP 345036	30.08 -0.91 0.00	36.10 -1.30 0.00	33.12 -1.03 0.00	36.27 -0.92 0.00	28.52 -0.74 0.00	25.67 -0.84 0.00	32.84 -0.92 0.00	37.02 -1.06 0.00	40.73 -1.20 0.00	43.16 -1.35 0.00	38.79 -1.23 0.00	49.19 -1.31 0.00	50.87 -1.75 0.00	60.90 -2.40 0.00	64.97 -2.84 0.00	63.01 -3.19 0.13	47.30 -3.73 26.96	125.81 -6.28 13.48	94.80 -3.76 0.00	64.94 -2.42 0.00	66.07 -2.36 0.00	60.78 -2.11 0.00	46.25 -1.49 0.00	46.90 -1.28 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.80 1.81 0.00	39.52 2.12 0.00	35.97 1.82 0.00	38.80 1.61 0.00	30.64 1.37 0.00	27.98 1.47 0.00	35.56 1.80 0.00	40.25 2.17 0.00	44.41 2.48 0.00	47.26 2.76 0.00	42.48 2.46 0.00	53.33 2.83 0.00	56.12 3.50 0.00	67.75 4.44 0.00	72.89 5.08 0.00	71.78 5.46 0.00	84.68 6.68 0.00	157.20 11.63 0.00	107.49 7.23 -1.70	72.00 4.64 0.00	74.46 4.33 -1.70	74.70 3.90 -7.90	50.73 3.00 0.00	51.09 2.91 0.00
SWANROAD_115KV_TB1 355699	30.69 -0.30 0.00	36.71 -0.69 0.00	33.62 -0.54 0.00	36.26 -0.94 0.00	28.49 -0.77 0.00	25.82 -0.70 0.00	32.95 -0.81 0.00	36.91 -1.17 0.00	40.97 -0.96 0.00	44.02 -0.48 0.00	40.00 -0.01 0.00	51.15 0.65 0.00	52.78 0.16 0.00	63.22 -0.09 0.00	67.09 -0.72 0.00	66.03 -0.30 0.00	75.99 -2.00 0.00	140.22 -5.36 0.00	94.83 -3.74 0.00	65.44 -1.92 0.00	66.32 -2.12 0.00	60.71 -2.19 0.00	46.34 -1.39 0.00	47.30 -0.88 0.00
SYNERGY___BIOGAS 323694	32.11 1.12 0.00	38.38 0.99 0.00	35.05 0.89 0.00	37.84 0.65 0.00	29.73 0.46 0.00	26.99 0.48 0.00	34.53 0.77 0.00	38.96 0.88 0.00	43.22 1.29 0.00	46.39 1.88 0.00	42.15 2.14 0.00	53.74 3.24 0.00	55.66 3.04 0.00	66.88 3.57 0.00	70.77 2.96 0.00	69.19 2.86 0.00	79.72 1.72 0.00	147.66 2.09 0.00	99.89 1.32 0.00	68.74 1.38 0.00	69.79 1.36 0.00	64.78 1.88 0.00	49.23 1.49 0.00	49.88 1.70 0.00
SYRACUSE___ENERGY_ST1 323597	31.23 0.23 -0.02	37.74 0.23 -0.10	34.33 0.16 -0.01	37.32 0.12 0.00	29.32 0.06 0.00	26.61 0.10 0.00	33.91 0.15 0.00	38.45 0.23 -0.14	42.17 0.24 0.00	44.88 0.38 0.00	40.34 0.33 0.00	51.01 0.51 0.00	53.18 0.56 0.00	64.05 0.75 0.00	68.54 0.73 0.00	67.16 0.83 0.00	78.95 0.95 0.00	146.91 1.33 0.00	99.42 0.86 0.00	67.92 0.56 0.00	69.00 0.57 0.00	63.33 0.43 0.00	47.93 0.19 0.00	48.28 0.09 0.00
SYRACUSE___ENERGY_ST2 323598	31.23 0.23 -0.02	37.74 0.23 -0.10	34.33 0.16 -0.01	37.32 0.12 0.00	29.32 0.06 0.00	26.61 0.10 0.00	33.91 0.15 0.00	38.45 0.23 -0.14	42.17 0.24 0.00	44.88 0.38 0.00	40.34 0.33 0.00	51.01 0.51 0.00	53.18 0.56 0.00	64.05 0.75 0.00	68.54 0.73 0.00	67.16 0.83 0.00	78.95 0.95 0.00	146.91 1.33 0.00	99.42 0.86 0.00	67.92 0.56 0.00	69.00 0.57 0.00	63.33 0.43 0.00	47.93 0.19 0.00	48.28 0.09 0.00
SYRACUSE___POWER 24017	31.14 0.14 -0.01	37.59 0.12 -0.07	34.21 0.05 -0.01	37.20 0.01 0.00	29.22 -0.04 0.00	26.53 0.02 0.00	33.80 0.04 0.00	38.31 0.13 -0.10	42.15 0.22 0.00	44.88 0.38 0.00	40.44 0.43 0.00	51.16 0.65 0.00	53.36 0.74 0.00	64.28 0.97 0.00	68.79 0.98 0.00	67.39 1.06 0.00	79.19 1.20 0.00	147.42 1.84 0.00	99.72 1.15 0.00	68.12 0.76 0.00	69.15 0.73 0.00	63.45 0.55 0.00	48.02 0.28 0.00	48.35 0.17 0.00
TALLMAN___138KV_BK151 55660	33.03 2.04 0.00	39.75 2.35 0.00	36.14 1.98 0.00	38.94 1.75 0.00	30.76 1.50 0.00	28.12 1.61 0.00	35.75 1.99 0.00	40.46 2.39 0.00	44.68 2.75 0.00	47.60 3.10 0.00	42.74 2.73 0.00	53.64 3.14 0.00	56.53 3.91 0.00	68.26 4.95 0.00	73.43 5.63 0.00	72.38 6.05 0.00	85.38 7.39 0.00	158.30 12.72 0.00	108.17 7.84 -1.76	72.34 4.98 0.00	74.79 4.60 -1.76	75.25 4.18 -8.18	50.96 3.22 0.00	51.34 3.16 0.00
TEALLAVE_115KV_TB7 355573	31.04 0.05 -0.01	37.45 0.00 -0.06	34.10 -0.06 0.00	37.09 -0.10 0.00	29.13 -0.13 0.00	26.45 -0.07 0.00	33.70 -0.06 0.00	38.18 0.02 -0.08	42.04 0.11 0.00	44.76 0.26 0.00	40.35 0.34 0.00	51.05 0.55 0.00	53.23 0.61 0.00	64.11 0.81 0.00	68.61 0.80 0.00	67.23 0.90 0.00	78.96 0.96 0.00	146.96 1.39 0.00	99.39 0.82 0.00	67.92 0.55 0.00	68.95 0.52 0.00	63.27 0.37 0.00	47.88 0.14 0.00	48.23 0.05 0.00
TELGRAPH_34_KV_EAST 80808	31.38 0.39 0.00	37.53 0.13 0.00	34.31 0.15 0.00	37.01 -0.18 0.00	29.08 -0.18 0.00	26.38 -0.14 0.00	33.71 -0.05 0.00	37.91 -0.17 0.00	42.06 0.14 0.00	45.17 0.67 0.00	41.04 1.03 0.00	52.42 1.91 0.00	54.19 1.57 0.00	65.02 1.72 0.00	69.07 1.26 0.00	67.95 1.62 0.00	78.23 0.24 0.00	144.58 -1.00 0.00	97.76 -0.80 0.00	67.39 0.03 0.00	68.34 -0.09 0.00	62.66 -0.24 0.00	47.72 -0.01 0.00	48.55 0.37 0.00
TEMPLE___115KV_TB 2 55572	31.05 0.06 -0.01	37.47 0.01 -0.06	34.13 -0.04 0.00	37.11 -0.08 0.00	29.15 -0.12 0.00	26.46 -0.05 0.00	33.72 -0.04 0.00	38.20 0.04 -0.08	42.07 0.14 0.00	44.81 0.30 0.00	40.39 0.37 0.00	51.09 0.59 0.00	53.28 0.66 0.00	64.17 0.87 0.00	68.67 0.87 0.00	67.30 0.96 0.00	79.03 1.04 0.00	147.08 1.51 0.00	99.48 0.91 0.00	67.95 0.59 0.00	68.98 0.55 0.00	63.32 0.42 0.00	47.92 0.19 0.00	48.26 0.08 0.00
TIANA___69_KV_BK 1 55817	34.83 3.37 -0.48	43.36 4.02 -1.94	41.12 3.59 -3.37	40.48 3.29 0.00	31.97 2.71 0.00	29.27 2.76 0.00	37.25 3.49 0.00	42.06 3.98 0.00	46.14 4.21 0.00	48.99 4.49 0.00	44.07 4.06 0.00	55.13 4.63 0.00	85.14 6.16 -26.36	128.86 7.68 -57.87	118.02 8.45 -41.76	143.37 9.06 -67.98	195.24 11.01 -106.24	265.65 18.79 -101.28	137.71 11.89 -27.25	115.36 7.87 -40.13	104.74 7.37 -28.94	78.69 6.28 -9.51	57.16 5.19 -4.24	62.96 5.17 -9.61
TILDEN___115KV_TB1 80814	31.14 0.14 -0.01	37.59 0.12 -0.07	34.21 0.05 -0.01	37.20 0.01 0.00	29.22 -0.04 0.00	26.53 0.02 0.00	33.80 0.04 0.00	38.31 0.13 -0.10	42.15 0.22 0.00	44.88 0.38 0.00	40.44 0.43 0.00	51.16 0.65 0.00	53.36 0.74 0.00	64.28 0.97 0.00	68.79 0.98 0.00	67.39 1.06 0.00	79.19 1.20 0.00	147.42 1.84 0.00	99.72 1.15 0.00	68.12 0.76 0.00	69.15 0.73 0.00	63.45 0.55 0.00	48.02 0.28 0.00	48.35 0.17 0.00
TRIGEN___CC 323695	34.07 2.61 -0.48	42.41 3.07 -1.94	40.26 2.73 -3.37	39.64 2.45 0.00	31.32 2.06 0.00	28.65 2.14 0.00	36.40 2.64 0.00	41.13 3.05 0.00	45.20 3.27 0.00	48.03 3.52 0.00	43.20 3.19 0.00	54.00 3.49 0.00	57.20 4.58 0.00	68.99 5.69 0.00	74.25 6.44 0.00	73.34 7.01 0.00	100.62 8.66 -13.96	164.37 14.88 -3.91	109.66 9.23 -1.86	73.32 5.95 0.00	75.83 5.54 -1.86	77.31 4.91 -9.51	61.18 4.10 -9.35	66.06 4.11 -13.76

TRINITY__115KV__4 BK 55933	31.83 0.84 0.00	38.60 1.20 0.00	35.20 1.04 0.00	38.10 0.90 0.00	30.04 0.78 0.00	27.37 0.86 0.00	34.73 0.97 0.00	39.17 1.09 0.00	43.11 1.18 0.00	45.53 1.03 0.00	40.85 0.84 0.00	51.31 0.81 0.00	53.67 1.05 0.00	64.78 1.48 0.00	69.54 1.74 0.00	68.25 1.92 0.00	80.45 2.45 0.00	150.47 4.89 0.00	113.29 3.07 -11.65	69.35 1.98 0.00	82.09 2.01 -11.65	119.00 1.78 -54.32	49.11 1.38 0.00	49.50 1.32 0.00
UNION__PROCESSING_DRP 323587	31.38 0.40 0.00	37.64 0.24 0.00	34.38 0.22 0.00	37.22 0.03 0.00	29.24 -0.02 0.00	26.53 0.02 0.00	33.89 0.13 0.00	38.29 0.21 0.00	42.47 0.54 0.00	45.45 0.95 0.00	41.20 1.18 0.00	52.51 2.00 0.00	54.54 1.92 0.00	65.57 2.27 0.00	69.90 2.09 0.00	68.70 2.37 0.00	79.62 1.62 0.00	147.48 1.90 0.00	99.74 1.17 0.00	68.45 1.09 0.00	69.32 0.89 0.00	63.56 0.66 0.00	48.28 0.54 0.00	48.83 0.65 0.00
UPPER HUDSON__HYD 24058	32.95 1.96 0.00	39.93 2.53 0.00	36.39 2.23 0.00	39.42 2.23 0.00	31.05 1.79 0.00	28.31 1.80 0.00	36.03 2.27 0.00	40.78 2.70 0.00	44.88 2.95 0.00	47.34 2.84 0.00	42.24 2.23 0.00	53.31 2.80 0.00	55.62 3.00 0.00	67.23 3.92 0.00	72.31 4.50 0.00	71.13 4.80 0.00	83.76 5.77 0.00	157.72 12.14 0.00	128.50 8.88 -21.05	73.43 6.06 -0.01	95.61 6.13 -21.05	166.25 5.24 -98.12	51.24 3.51 0.00	51.33 3.15 0.00
UPPER RAQUET__HYD 24056	29.53 -1.46 0.00	35.53 -1.89 -0.02	32.69 -1.46 0.00	35.81 -1.39 0.00	28.01 -1.26 0.00	25.20 -1.31 0.00	32.31 -1.46 0.00	36.43 -1.68 -0.03	39.91 -2.02 0.00	42.32 -2.18 0.00	37.95 -2.06 0.00	48.27 -2.23 0.00	49.74 -2.88 0.00	59.27 -4.03 0.00	63.18 -4.62 0.00	60.46 -5.30 0.58	51.21 -5.72 21.07	126.21 -8.83 10.54	92.89 -5.67 0.00	63.62 -3.75 0.00	64.81 -3.62 0.00	59.91 -2.98 0.00	45.55 -2.18 0.00	46.11 -2.07 0.00
VALLEY44_115KV_TB2 355964	31.32 0.33 0.00	37.55 0.15 0.00	34.31 0.15 0.00	36.97 -0.22 0.00	29.01 -0.26 0.00	26.40 -0.11 0.00	33.80 0.04 0.00	38.35 0.27 0.00	42.55 0.62 0.00	45.69 1.19 0.00	41.10 1.09 0.00	52.11 1.61 0.00	54.05 1.43 0.00	64.98 1.68 0.00	69.22 1.42 0.00	68.18 1.85 0.00	79.04 1.04 0.00	145.88 0.30 0.00	98.43 -0.13 0.00	67.46 0.10 0.00	68.58 0.15 0.00	62.97 0.07 0.00	47.92 0.19 0.00	48.67 0.49 0.00
VALLEY__115KV_TB 1-4 80826	32.44 1.46 0.00	39.30 1.90 0.00	35.78 1.63 0.00	38.73 1.54 0.00	30.47 1.21 0.00	27.78 1.27 0.00	35.11 1.35 0.00	39.17 1.09 0.00	43.09 1.16 0.00	45.55 1.05 0.00	40.89 0.87 0.00	51.22 0.72 0.00	53.68 1.06 0.00	64.79 1.49 0.00	69.79 1.98 0.00	68.76 2.31 -0.12	81.87 2.57 -1.30	151.91 5.69 -0.65	102.42 3.85 0.00	70.16 2.80 0.00	71.35 2.92 0.00	65.47 2.58 0.00	49.60 1.87 0.00	49.90 1.72 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.52 1.53 0.00	39.39 1.97 -0.02	35.87 1.71 0.00	38.86 1.67 0.00	30.58 1.32 0.00	27.85 1.34 0.00	35.48 1.72 0.00	40.06 1.95 -0.03	44.17 2.24 0.00	47.06 2.56 0.00	42.37 2.36 0.00	53.44 2.94 0.00	55.83 3.21 0.00	67.26 3.96 0.00	72.21 4.40 0.00	70.72 4.39 0.00	83.24 5.24 0.00	154.97 9.39 0.00	107.39 6.12 -2.71	71.46 4.10 0.00	75.35 4.20 -2.71	79.28 3.74 -12.65	50.53 2.79 0.00	50.83 2.65 0.00
VISCHER__FERRY HYD 24020	32.38 1.40 0.00	39.28 1.88 0.00	35.82 1.66 0.00	38.79 1.60 0.00	30.58 1.32 0.00	27.85 1.34 0.00	35.34 1.57 0.00	39.88 1.80 0.00	43.88 1.95 0.00	46.32 1.82 0.00	41.57 1.56 0.00	52.29 1.78 0.00	54.61 1.99 0.00	65.92 2.62 0.00	70.82 3.02 0.00	69.54 3.21 0.00	81.92 3.93 0.00	153.55 7.97 0.00	121.29 5.27 -17.45	70.83 3.47 0.00	89.41 3.53 -17.45	147.49 3.23 -81.36	50.17 2.44 0.00	50.50 2.32 0.00
V_A_10_SYNC_DSASP 323832	30.85 -0.13 0.00	36.96 -0.44 0.00	33.82 -0.34 0.00	36.55 -0.63 0.00	28.70 -0.56 0.00	26.03 -0.48 0.00	33.24 -0.52 0.00	37.47 -0.61 0.00	41.60 -0.33 0.00	44.59 0.09 0.00	40.42 0.41 0.00	51.59 1.09 0.00	53.37 0.75 0.00	63.98 0.68 0.00	68.03 0.22 0.00	66.89 0.56 0.00	77.22 -0.78 0.00	142.69 -2.88 0.00	96.55 -2.02 0.00	66.40 -0.96 0.00	67.26 -1.18 0.00	61.71 -1.18 0.00	47.03 -0.70 0.00	47.82 -0.36 0.00
V_CMM_10_SYNC_DSASP 323787	30.14 -0.85 0.00	36.16 -1.23 0.00	33.19 -0.97 0.00	36.35 -0.84 0.00	28.57 -0.69 0.00	25.71 -0.80 0.00	32.91 -0.85 0.00	37.10 -0.98 0.00	40.82 -1.11 0.00	43.24 -1.26 0.00	38.86 -1.15 0.00	49.32 -1.18 0.00	50.99 -1.63 0.00	60.99 -2.31 0.00	64.98 -2.82 0.00	62.79 -3.37 0.17	47.62 -3.96 26.41	125.72 -6.65 13.21	94.59 -3.97 0.00	64.81 -2.55 0.00	65.94 -2.49 0.00	60.70 -2.19 0.00	46.37 -1.37 0.00	47.03 -1.15 0.00
V_CMP_10_SYNC_DSASP 323788	30.82 -0.16 0.00	36.96 -0.44 0.00	33.88 -0.28 0.00	36.93 -0.27 0.00	29.13 -0.13 0.00	26.42 -0.10 0.00	33.75 -0.02 0.00	38.13 0.05 0.00	41.85 -0.07 0.00	44.16 -0.34 0.00	39.62 -0.39 0.00	49.55 -0.95 0.00	50.59 -2.04 0.00	60.52 -2.78 0.00	64.50 -3.31 0.00	61.30 -4.87 0.17	45.64 -5.90 26.45	123.59 -8.76 13.23	92.56 -6.01 0.00	63.46 -3.90 0.00	64.70 -3.73 0.00	59.90 -3.00 0.00	46.33 -1.40 0.00	47.60 -0.58 0.00
V_D_10_SYNC_DSASP 323841	30.09 -0.89 0.00	36.12 -1.28 0.00	33.17 -0.98 0.00	36.32 -0.87 0.00	28.54 -0.72 0.00	25.67 -0.84 0.00	32.88 -0.88 0.00	37.06 -1.02 0.00	40.72 -1.21 0.00	43.16 -1.35 0.00	38.76 -1.25 0.00	49.21 -1.29 0.00	50.87 -1.76 0.00	60.75 -2.55 0.00	64.77 -3.03 0.00	62.65 -3.45 0.23	48.52 -3.91 25.56	126.43 -6.37 12.78	94.73 -3.83 0.00	64.94 -2.42 0.00	66.10 -2.33 0.00	60.94 -1.96 0.00	46.34 -1.40 0.00	46.98 -1.20 0.00
V_E_10_SYNC_DSASP 323830	33.86 2.87 -0.01	40.71 3.27 -0.04	36.86 2.69 0.00	39.93 2.74 0.00	31.27 2.00 0.00	28.60 2.09 0.00	36.37 2.61 0.00	41.47 3.33 -0.06	45.77 3.84 0.00	48.72 4.22 0.00	44.13 4.12 0.00	55.91 5.41 0.00	58.07 5.45 0.00	69.95 6.64 0.00	75.17 7.36 0.00	73.64 7.31 0.00	86.66 8.66 0.00	162.92 17.35 0.00	111.90 12.11 -1.23	75.66 8.30 0.00	78.76 9.10 -1.23	76.88 8.26 -5.73	53.52 5.79 0.00	53.60 5.42 0.00
V_F_30_NSYNC__DSASP 323816	32.91 1.92 0.00	39.88 2.48 0.00	36.33 2.17 0.00	39.35 2.16 0.00	31.02 1.75 0.00	28.24 1.73 0.00	35.91 2.15 0.00	40.58 2.50 0.00	44.64 2.71 0.00	47.16 2.66 0.00	42.31 2.30 0.00	53.23 2.73 0.00	55.63 3.01 0.00	67.20 3.89 0.00	72.29 4.48 0.00	71.02 4.69 0.00	83.56 5.57 0.00	156.87 11.29 0.00	127.04 7.86 -20.61	72.68 5.31 -0.01	94.43 5.38 -20.62	163.79 4.79 -96.11	51.16 3.42 0.00	51.35 3.17 0.00
V_F_30_SYNC_DSASP 323786	32.02 1.03 0.00	38.81 1.41 0.00	35.38 1.22 0.00	38.30 1.11 0.00	30.20 0.93 0.00	27.51 1.00 0.00	34.92 1.16 0.00	39.42 1.34 0.00	43.37 1.44 0.00	45.85 1.35 0.00	41.15 1.14 0.00	51.72 1.22 0.00	54.12 1.49 0.00	65.35 2.05 0.00	70.18 2.37 0.00	68.90 2.57 0.00	81.16 3.17 0.00	151.81 6.23 0.00	116.38 3.97 -13.84	69.95 2.58 0.00	84.86 2.59 -13.84	129.71 2.29 -64.53	49.48 1.75 0.00	49.85 1.67 0.00



V_XM10_SYNC_DSASP 323789	30.82 -0.16 0.00	36.96 -0.44 0.00	33.88 -0.28 0.00	36.93 -0.27 0.00	29.13 -0.13 0.00	26.42 -0.10 0.00	33.75 -0.02 0.00	38.13 0.05 0.00	41.85 -0.07 0.00	44.16 -0.34 0.00	39.62 -0.39 0.00	49.55 -0.95 0.00	50.59 -2.04 0.00	60.52 -2.78 0.00	64.50 -3.31 0.00	61.30 -4.87 0.17	45.64 -5.90 26.45	123.59 -8.76 13.23	92.56 -6.01 0.00	63.46 -3.90 0.00	64.70 -3.73 0.00	59.90 -3.00 0.00	46.33 -1.40 0.00	47.60 -0.58 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.27 2.28 0.00	40.00 2.61 0.00	36.28 2.12 0.00	39.08 1.90 0.00	30.87 1.61 0.00	28.22 1.71 0.00	35.88 2.12 0.00	40.63 2.55 0.00	44.85 2.92 0.00	47.78 3.27 0.00	42.92 2.91 0.00	53.87 3.37 0.00	56.75 4.13 0.00	68.56 5.25 0.00	73.75 5.94 0.00	72.70 6.37 0.00	85.77 7.77 0.00	158.97 13.39 0.00	108.65 8.31 -1.77	72.64 5.28 0.00	75.12 4.92 -1.77	75.58 4.44 -8.25	51.14 3.40 0.00	51.53 3.35 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.37 2.38 0.00	40.12 2.73 0.00	36.55 2.39 0.00	39.35 2.16 0.00	31.10 1.84 0.00	28.47 1.96 0.00	36.22 2.46 0.00	41.05 2.98 0.00	45.34 3.41 0.00	48.26 3.76 0.00	43.30 3.29 0.00	54.23 3.72 0.00	57.15 4.53 0.00	69.01 5.70 0.00	74.33 6.52 0.00	73.30 6.97 0.00	86.36 8.37 0.00	159.75 14.17 0.00	109.09 8.66 -1.86	73.00 5.64 0.00	75.54 5.25 -1.86	76.28 4.71 -8.68	51.49 3.76 0.00	51.85 3.67 0.00
W50THST__13_KV_LOAD 356117	33.57 2.58 0.00	40.37 2.97 0.00	36.78 2.62 0.00	39.59 2.40 0.00	31.30 2.03 0.00	28.68 2.17 0.00	36.51 2.75 0.00	41.45 3.37 0.00	45.81 3.88 0.00	48.78 4.28 0.00	43.78 3.77 0.00	54.81 4.30 0.00	57.73 5.11 0.00	69.70 6.40 0.00	75.07 7.26 0.00	74.04 7.71 0.00	87.20 9.20 0.00	161.23 15.65 0.00	110.00 9.57 -1.86	73.60 6.23 0.00	76.11 5.82 -1.86	76.78 5.21 -8.68	51.86 4.12 0.00	52.20 4.02 0.00
WADING RIVER_IC_1 23522	34.27 2.81 -0.48	42.69 3.35 -1.94	40.53 3.00 -3.37	39.84 2.65 0.00	31.48 2.22 0.00	28.82 2.31 0.00	36.65 2.89 0.00	41.35 3.26 0.00	45.31 3.38 0.00	48.09 3.59 0.00	43.25 3.24 0.00	54.06 3.55 0.00	83.91 5.01 -26.28	127.28 6.28 -57.69	116.46 7.02 -41.63	141.70 7.60 -67.77	193.32 9.42 -105.91	262.04 16.03 -100.44	135.68 10.08 -27.02	114.03 6.66 -40.01	103.45 6.19 -28.83	77.67 5.27 -9.51	56.35 4.38 -4.24	62.15 4.35 -9.61
WADING RIVER_IC_2 23547	34.27 2.81 -0.48	42.69 3.35 -1.94	40.53 3.00 -3.37	39.84 2.65 0.00	31.48 2.22 0.00	28.82 2.31 0.00	36.65 2.89 0.00	41.35 3.26 0.00	45.31 3.38 0.00	48.09 3.59 0.00	43.25 3.24 0.00	54.06 3.55 0.00	83.91 5.01 -26.28	127.28 6.28 -57.69	116.46 7.02 -41.63	141.70 7.60 -67.77	193.32 9.42 -105.91	262.04 16.03 -100.44	135.68 10.08 -27.02	114.03 6.66 -40.01	103.45 6.19 -28.83	77.67 5.27 -9.51	56.35 4.38 -4.24	62.15 4.35 -9.61
WADING RIVER_IC_3 23601	34.27 2.81 -0.48	42.69 3.35 -1.94	40.53 3.00 -3.37	39.84 2.65 0.00	31.48 2.22 0.00	28.82 2.31 0.00	36.65 2.89 0.00	41.35 3.26 0.00	45.31 3.38 0.00	48.09 3.59 0.00	43.25 3.24 0.00	54.06 3.55 0.00	83.91 5.01 -26.28	127.28 6.28 -57.69	116.46 7.02 -41.63	141.70 7.60 -67.77	193.32 9.42 -105.91	262.04 16.03 -100.44	135.68 10.08 -27.02	114.03 6.66 -40.01	103.45 6.19 -28.83	77.67 5.27 -9.51	56.35 4.38 -4.24	62.15 4.35 -9.61
WALDENNY_12_KV_BK2 80841	31.53 0.54 0.00	37.70 0.30 0.00	34.45 0.30 0.00	37.14 -0.05 0.00	29.16 -0.10 0.00	26.46 -0.05 0.00	33.80 0.04 0.00	38.17 0.09 0.00	42.49 0.56 0.00	45.69 1.18 0.00	41.50 1.49 0.00	53.04 2.53 0.00	54.89 2.27 0.00	65.80 2.50 0.00	70.05 2.25 0.00	69.03 2.70 0.00	79.62 1.63 0.00	146.81 1.24 0.00	99.15 0.58 0.00	68.25 0.89 0.00	69.27 0.84 0.00	63.33 0.44 0.00	48.17 0.43 0.00	49.00 0.82 0.00
WALDEN__HYDRO 24148	33.02 2.04 0.00	39.79 2.40 0.00	36.22 2.06 0.00	39.07 1.89 0.00	30.84 1.58 0.00	28.16 1.65 0.00	35.81 2.05 0.00	40.52 2.44 0.00	44.69 2.76 0.00	47.54 3.04 0.00	42.76 2.75 0.00	53.69 3.19 0.00	56.49 3.87 0.00	68.14 4.84 0.00	73.30 5.50 0.00	72.20 5.87 0.00	85.20 7.21 0.00	158.35 12.77 0.00	108.49 8.05 -1.87	72.57 5.21 0.00	75.23 4.93 -1.87	76.08 4.46 -8.73	51.13 3.39 0.00	51.43 3.25 0.00
WARRENSBURG____ 23737	32.95 1.96 0.00	39.93 2.53 0.00	36.39 2.23 0.00	39.42 2.23 0.00	31.05 1.79 0.00	28.31 1.80 0.00	36.03 2.27 0.00	40.78 2.70 0.00	44.88 2.95 0.00	47.34 2.84 0.00	42.24 2.23 0.00	53.31 2.80 0.00	55.62 3.00 0.00	67.23 3.92 0.00	72.31 4.50 0.00	71.13 4.80 0.00	83.76 5.77 0.00	157.72 12.14 0.00	128.50 8.88 -21.05	73.43 6.06 -0.01	95.61 6.13 -21.05	166.25 5.24 -98.12	51.24 3.51 0.00	51.33 3.15 0.00
WATERSIDE____6 8 9 23538	33.39 2.41 0.00	40.15 2.75 0.00	36.60 2.44 0.00	39.36 2.17 0.00	31.16 1.90 0.00	28.52 2.01 0.00	36.26 2.49 0.00	41.01 2.94 0.00	45.25 3.32 0.00	48.12 3.62 0.00	43.15 3.14 0.00	53.94 3.44 0.00	56.92 4.30 0.00	68.69 5.39 0.00	73.96 6.15 0.00	72.95 6.63 0.00	85.90 7.91 0.00	158.91 13.33 0.00	108.61 8.18 -1.86	72.73 5.37 0.00	75.22 4.93 -1.86	76.02 4.45 -8.68	51.38 3.64 0.00	51.75 3.57 0.00
WATKINRD_115KV_LN8_ILLION 55919	32.02 1.03 0.00	38.77 1.36 0.00	35.33 1.17 0.00	38.29 1.10 0.00	30.12 0.86 0.00	27.44 0.93 0.00	34.77 1.01 0.00	38.88 0.80 0.00	42.76 0.84 0.00	45.26 0.76 0.00	40.62 0.61 0.00	50.98 0.47 0.00	53.35 0.73 0.00	64.38 1.08 0.00	69.25 1.45 0.00	68.14 1.69 -0.12	81.20 1.91 -1.30	150.47 4.24 -0.65	101.36 2.79 0.00	69.41 2.04 0.00	70.56 2.13 0.00	64.80 1.90 0.00	49.11 1.37 0.00	49.40 1.22 0.00
WATSON__69_KV_BK 1 55734	34.75 3.29 -0.48	43.26 3.92 -1.94	41.04 3.51 -3.37	40.41 3.22 0.00	31.92 2.66 0.00	29.22 2.71 0.00	37.16 3.40 0.00	41.92 3.84 0.00	45.94 4.02 0.00	48.80 4.30 0.00	43.90 3.89 0.00	54.75 4.24 0.00	71.54 5.64 -13.28	99.45 6.99 -29.15	96.65 7.80 -21.04	108.96 8.38 -34.24	144.25 10.36 -55.89	216.42 18.21 -52.63	125.09 11.56 -14.96	95.15 7.56 -20.22	91.11 7.11 -15.57	78.58 6.18 -9.51	57.40 5.14 -4.53	63.19 5.17 -9.84
WDELAWARE__HYD 323627	32.21 1.22 0.00	38.79 1.39 0.00	35.29 1.13 0.00	38.07 0.88 0.00	30.04 0.78 0.00	27.42 0.91 0.00	34.89 1.13 0.00	39.48 1.40 0.00	43.54 1.60 0.00	46.39 1.88 0.00	41.72 1.71 0.00	52.50 1.99 0.00	55.01 2.39 0.00	64.93 1.62 0.00	70.08 2.28 0.00	68.64 2.64 0.33	81.71 3.71 0.00	151.79 6.21 0.00	104.21 3.61 -2.03	69.52 2.16 0.00	72.50 2.04 -2.03	75.61 3.25 -9.46	50.12 2.38 0.00	50.31 2.12 0.00
WEST BABYLON__IC 23714	34.63 3.17 -0.48	43.11 3.77 -1.94	40.90 3.37 -3.37	40.28 3.09 0.00	31.81 2.54 0.00	29.13 2.62 0.00	37.01 3.25 0.00	41.71 3.63 0.00	45.72 3.80 0.00	48.54 4.04 0.00	43.62 3.61 0.00	54.43 3.93 0.00	61.12 5.26 -3.24	76.92 6.51 -7.10	80.25 7.31 -5.13	82.58 7.91 -8.35	106.36 9.83 -18.53	174.08 17.33 -11.16	113.97 10.92 -4.49	79.38 7.09 -4.93	80.27 6.68 -5.16	78.24 5.84 -9.51	57.74 4.84 -5.16	63.44 4.90 -10.35

WEST CANADA___HYD 24049	31.29 0.31 0.00	37.84 0.44 0.00	34.53 0.37 0.00	37.52 0.33 0.00	29.53 0.26 0.00	26.80 0.29 0.00	34.10 0.34 0.00	38.44 0.36 0.00	42.31 0.38 0.00	44.90 0.40 0.00	40.37 0.36 0.00	50.87 0.37 0.00	53.09 0.46 0.00	63.93 0.63 0.00	68.55 0.74 0.00	67.24 0.79 -0.12	80.20 0.91 -1.30	147.93 1.70 -0.65	99.65 1.09 0.00	68.06 0.70 0.00	69.14 0.71 0.00	63.54 0.65 0.00	48.22 0.49 0.00	48.63 0.45 0.00
WESTERN_NY_WIND 24143	32.07 1.09 0.00	38.34 0.94 0.00	35.01 0.85 0.00	37.78 0.59 0.00	29.68 0.42 0.00	26.95 0.44 0.00	34.49 0.72 0.00	38.90 0.82 0.00	43.16 1.23 0.00	46.34 1.83 0.00	42.09 2.08 0.00	53.66 3.15 0.00	55.57 2.95 0.00	66.79 3.48 0.00	70.70 2.90 0.00	69.21 2.88 0.00	79.74 1.75 0.00	147.65 2.07 0.00	99.85 1.28 0.00	68.75 1.39 0.00	69.78 1.35 0.00	64.67 1.77 0.00	49.13 1.39 0.00	49.80 1.62 0.00
WESTOVER___LESR 323668	31.60 0.60 -0.01	38.16 0.73 -0.04	34.75 0.59 0.00	37.64 0.45 0.00	29.56 0.30 0.00	26.92 0.41 0.00	34.31 0.55 0.00	38.98 0.84 -0.05	43.02 1.09 0.00	45.84 1.34 0.00	41.28 1.27 0.00	52.07 1.57 0.00	54.36 1.74 0.00	65.52 2.21 0.00	70.34 2.53 0.00	68.94 2.61 0.00	80.93 2.94 0.00	150.32 4.74 0.00	102.20 2.84 -0.79	69.31 1.95 0.00	71.17 1.95 -0.79	68.32 1.76 -3.67	48.98 1.25 0.00	49.40 1.22 0.00
WETHRSFD_WT_PWR 323626	31.38 0.39 0.00	37.59 0.19 0.00	34.35 0.19 0.00	37.05 -0.14 0.00	29.10 -0.17 0.00	26.38 -0.13 0.00	33.64 -0.12 0.00	38.05 -0.03 0.00	42.28 0.35 0.00	45.43 0.92 0.00	41.18 1.18 0.00	52.37 1.87 0.00	54.24 1.62 0.00	64.96 1.65 0.00	69.17 1.36 0.00	68.13 1.81 0.00	78.86 0.87 0.00	145.30 -0.27 0.00	98.50 -0.06 0.00	67.89 0.53 0.00	68.97 0.54 0.00	63.25 0.36 0.00	48.08 0.34 0.00	48.84 0.66 0.00
WHAVSTOR_138KV_BK127 55557	33.01 2.02 0.00	39.74 2.34 0.00	36.11 1.95 0.00	38.90 1.71 0.00	30.74 1.48 0.00	28.10 1.59 0.00	35.72 1.96 0.00	40.43 2.35 0.00	44.61 2.68 0.00	47.50 3.00 0.00	42.65 2.64 0.00	53.50 2.99 0.00	56.36 3.74 0.00	68.07 4.76 0.00	73.23 5.42 0.00	72.17 5.84 0.00	85.14 7.15 0.00	157.85 12.27 0.00	107.89 7.55 -1.77	72.16 4.80 0.00	74.64 4.44 -1.77	75.16 4.00 -8.27	50.84 3.10 0.00	51.25 3.06 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.01 2.02 0.00	39.74 2.34 0.00	36.11 1.95 0.00	38.90 1.71 0.00	30.74 1.48 0.00	28.10 1.59 0.00	35.72 1.96 0.00	40.43 2.35 0.00	44.61 2.68 0.00	47.50 3.00 0.00	42.65 2.64 0.00	53.50 2.99 0.00	56.36 3.74 0.00	68.07 4.76 0.00	73.23 5.42 0.00	72.17 5.84 0.00	85.14 7.15 0.00	157.85 12.27 0.00	107.89 7.55 -1.77	72.16 4.80 0.00	74.64 4.44 -1.77	75.16 4.00 -8.27	50.84 3.10 0.00	51.25 3.06 0.00
WHITEHAL_115KV_TB1 80871	33.69 2.71 0.00	41.18 3.78 0.00	37.64 3.48 0.00	40.85 3.66 0.00	32.16 2.90 0.00	29.41 2.91 0.00	37.44 3.68 0.00	42.39 4.31 0.00	46.52 4.59 0.00	48.53 4.02 0.00	43.20 3.19 0.00	54.92 4.41 0.00	56.95 4.33 0.00	69.38 6.08 0.00	74.29 6.48 0.00	73.26 6.93 0.00	86.98 8.98 0.00	164.28 18.71 0.00	131.88 12.45 -20.87	75.56 8.19 -0.01	97.15 7.85 -20.87	166.30 6.12 -97.28	51.21 3.47 0.00	51.36 3.18 0.00
WHITEPLN_13_KV_LOAD 356215	33.61 2.62 0.00	40.43 3.04 0.00	36.79 2.63 0.00	39.64 2.45 0.00	31.30 2.03 0.00	28.63 2.12 0.00	36.46 2.70 0.00	41.34 3.25 0.00	45.64 3.71 0.00	48.61 4.11 0.00	43.68 3.67 0.00	54.83 4.32 0.00	57.82 5.20 0.00	69.80 6.49 0.00	75.14 7.34 0.00	74.14 7.81 0.00	87.45 9.46 0.00	162.02 16.45 0.00	110.73 10.30 -1.86	74.00 6.63 0.00	76.53 6.24 -1.86	77.17 5.62 -8.66	52.05 4.31 0.00	52.37 4.19 0.00
WM_FLOYD_69_KV_BK2 356380	34.55 3.08 -0.48	43.03 3.69 -1.94	40.84 3.31 -3.37	40.18 2.99 0.00	31.74 2.48 0.00	29.06 2.55 0.00	36.95 3.19 0.00	41.69 3.61 0.00	45.68 3.75 0.00	48.45 3.95 0.00	43.59 3.58 0.00	54.47 3.97 0.00	84.85 5.43 -26.80	128.98 6.82 -58.85	117.87 7.59 -42.47	143.55 8.09 -69.13	196.03 9.99 -108.04	268.47 17.29 -105.60	137.93 10.97 -28.40	115.46 7.28 -40.81	104.83 6.87 -29.53	78.31 5.91 -9.51	56.82 4.84 -4.25	62.60 4.80 -9.62
WOODARD__115KV_TB2 355635	30.98 -0.02 -0.01	37.41 -0.07 -0.07	34.06 -0.11 -0.01	37.04 -0.15 0.00	29.10 -0.16 0.00	26.42 -0.10 0.00	33.65 -0.11 0.00	38.12 -0.06 0.00	41.95 0.02 0.00	44.66 0.15 0.00	40.23 0.22 0.00	50.89 0.38 0.00	53.06 0.44 0.00	63.92 0.61 0.00	68.39 0.58 0.00	67.00 0.67 0.00	78.74 0.74 0.00	146.58 1.00 0.00	99.17 0.60 0.00	67.75 0.39 0.00	68.79 0.36 0.00	63.13 0.23 0.00	47.78 0.05 0.00	48.13 -0.05 0.00
YORK___WARBASSE 23770	33.55 2.56 0.00	40.27 2.87 0.00	36.73 2.58 0.00	39.45 2.26 0.00	31.27 2.01 0.00	28.62 2.11 0.00	36.37 2.60 0.00	41.09 3.01 0.00	45.40 3.47 0.00	48.27 3.77 0.00	43.34 3.33 0.00	54.18 3.67 0.00	57.18 4.56 0.00	69.03 5.72 0.00	74.31 6.50 0.00	73.28 6.96 0.00	86.17 8.18 0.00	159.23 13.66 0.00	108.91 8.48 -1.86	73.12 5.76 0.00	75.66 5.36 -1.86	76.42 4.85 -8.68	51.66 3.92 0.00	51.96 3.78 0.00