

# Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		07/23/2025																										
Name		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			
PTID		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT			
59TH STREET_GT_1		40.89	36.91	34.54	31.57	31.49	35.44	40.42	41.91	41.09	40.97	43.95	46.77	48.65	52.08	55.14	57.49	64.46	79.22	80.90	80.42	75.49	63.22	53.74	48.65			
24138		2.17	2.02	1.77	1.59	1.64	1.69	1.89	2.30	2.58	2.79	3.03	3.02	3.18	2.99	3.07	3.15	3.42	3.77	3.71	3.46	2.41	2.08	2.31	2.32			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1		40.97	36.98	34.57	31.63	31.52	35.44	40.42	41.91	41.05	40.97	43.95	46.77	48.65	52.08	55.09	57.49	64.46	79.22	81.05	80.49	75.64	63.34	53.79	48.75			
24260		2.25	2.09	1.80	1.65	1.67	1.69	1.89	2.30	2.54	2.79	3.03	3.02	3.18	2.99	3.02	3.15	3.42	3.77	3.86	3.54	2.56	2.20	2.37	2.41			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2		40.97	36.98	34.57	31.63	31.52	35.44	40.42	41.91	41.05	40.97	43.95	46.77	48.65	52.08	55.09	57.49	64.46	79.22	81.05	80.49	75.64	63.34	53.79	48.75			
24261		2.25	2.09	1.80	1.65	1.67	1.69	1.89	2.30	2.54	2.79	3.03	3.02	3.18	2.99	3.02	3.15	3.42	3.77	3.86	3.54	2.56	2.20	2.37	2.41			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS		40.70	36.66	34.57	31.54	31.49	35.47	40.39	41.44	39.90	39.36	41.82	44.63	46.20	49.97	53.27	55.86	63.05	78.39	81.74	81.19	77.39	64.99	54.41	48.61			
24011		1.97	1.78	1.80	1.56	1.64	1.72	1.85	1.82	1.39	1.18	0.90	0.88	0.73	0.88	1.20	1.52	2.01	2.94	4.55	4.23	4.31	3.85	2.98	2.27			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY		40.89	36.80	34.67	31.66	31.61	35.61	40.54	41.60	40.01	39.48	41.90	44.76	46.24	50.12	53.48	56.07	63.30	78.85	82.44	81.95	78.05	65.48	54.67	48.84			
23798		2.17	1.92	1.90	1.68	1.76	1.86	2.00	1.98	1.50	1.30	0.98	1.01	0.77	1.03	1.41	1.74	2.26	3.40	5.25	5.00	4.97	4.34	3.24	2.50			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS		40.70	36.66	34.57	31.54	31.49	35.47	40.39	41.44	39.90	39.36	41.82	44.63	46.20	49.97	53.27	55.86	63.05	78.39	81.74	81.19	77.39	64.99	54.41	48.61			
24028		1.97	1.78	1.80	1.56	1.64	1.72	1.85	1.82	1.39	1.18	0.90	0.88	0.73	0.88	1.20	1.52	2.01	2.94	4.55	4.23	4.31	3.85	2.98	2.27			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM		40.47	36.70	34.50	31.63	31.52	35.34	40.31	41.36	39.94	39.63	42.31	45.02	46.61	50.36	53.42	55.96	62.93	77.64	80.05	79.34	74.97	63.46	53.17	47.91			
23527		1.74	1.81	1.74	1.65	1.67	1.59	1.77	1.74	1.43	1.45	1.39	1.27	1.14	1.27	1.35	1.63	1.89	2.19	2.86	2.39	1.90	2.32	1.75	1.58			
		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	0.00	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP		39.23	35.58	33.49	30.73	30.56	34.33	39.00	40.17	38.94	38.49	41.13	43.40	45.02	48.50	51.50	53.85	60.55	74.77	76.73	76.18	72.13	60.71	51.12	46.01			
24190		0.50	0.70	0.72	0.75	0.72	0.57	0.46	0.55	0.42	0.31	0.20	-0.35	-0.45	-0.59	-0.57	-0.49	-0.49	-0.68	-0.46	-0.77	-0.95	-0.43	-0.31	-0.32			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK		38.88	34.95	32.83	30.01	29.82	33.99	39.08	40.09	38.82	38.45	41.25	44.10	45.93	49.53	52.28	54.23	60.98	75.30	76.50	76.57	73.22	61.32	51.53	46.52			
355683		0.15	0.07	0.07	0.03	-0.03	0.24	0.54	0.48	0.31	0.27	0.33	0.35	0.45	0.44	0.21	-0.11	-0.06	-0.15	-0.69	-0.38	0.15	0.18	0.10	0.19			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR		39.88	36.07	33.98	31.09	30.98	34.80	39.50	40.53	39.17	38.52	40.51	42.67	43.73	46.37	48.56	50.26	55.12	74.45	76.73	76.42	72.42	60.96	51.17	46.09			
323833		1.16	1.19	1.21	1.11	1.13	1.05	0.96	0.91	0.65	0.34	-0.41	-0.74	-0.96	-0.93	-0.89	-0.81	-0.80	-0.98	-0.46	-0.53	-0.66	-0.18	-0.26	-0.23			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.78	1.78	2.62	3.27	5.13	0.02	0.00	0.00	0.00	0.00	0.00	0.02			
ALBANY_2_SOLAR		39.85	36.03	33.95	31.09	30.95	34.80	39.50	40.49	39.13	38.48	40.51	42.67	43.73	46.37	48.56	50.20	55.12	74.45	76.73	76.42	72.35	60.96	51.17	46.09			
323834		1.12	1.15	1.18	1.11	1.10	1.05	0.96	0.87	0.61	0.30	-0.41	-0.74	-0.96	-0.93	-0.89	-0.87	-0.80	-0.98	-0.46	-0.53	-0.73	-0.18	-0.26	-0.23			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.78	1.78	2.62	3.26	5.12	0.02	0.00	0.00	0.00	0.00	0.00	0.02			
ALBANY___1		39.23	35.58	33.49	30.73	30.56	34.33	39.00	40.17	38.94	38.49	41.13	43.40	45.02	48.50	51.50	53.85	60.55	74.77	76.73	76.18	72.13	60.71	51.12	46.01			
23571		0.50	0.70	0.72	0.75	0.72	0.57	0.46	0.55	0.42	0.31	0.20	-0.35	-0.45	-0.59	-0.57	-0.49	-0.49	-0.68	-0.46	-0.77	-0.95	-0.43	-0.31	-0.32			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

ALBANY___2 23572	39.23 0.50 0.00	35.58 0.70 0.00	33.49 0.72 0.00	30.73 0.75 0.00	30.56 0.72 0.00	34.33 0.57 0.00	39.00 0.46 0.00	40.17 0.55 0.00	38.94 0.42 0.00	38.49 0.31 0.00	41.13 0.20 0.00	43.40 -0.35 0.00	45.02 -0.45 0.00	48.50 -0.59 0.00	51.50 -0.57 0.00	53.85 -0.49 0.00	60.55 -0.49 0.00	74.77 -0.68 0.00	76.73 -0.46 0.00	76.18 -0.77 0.00	72.13 -0.95 0.00	60.71 -0.43 0.00	51.12 -0.31 0.00	46.01 -0.32 0.00
ALBANY___3 23573	39.23 0.50 0.00	35.58 0.70 0.00	33.49 0.72 0.00	30.73 0.75 0.00	30.56 0.72 0.00	34.33 0.57 0.00	39.00 0.46 0.00	40.17 0.55 0.00	38.94 0.42 0.00	38.49 0.31 0.00	41.13 0.20 0.00	43.40 -0.35 0.00	45.02 -0.45 0.00	48.50 -0.59 0.00	51.50 -0.57 0.00	53.85 -0.49 0.00	60.55 -0.49 0.00	74.77 -0.68 0.00	76.73 -0.46 0.00	76.18 -0.77 0.00	72.13 -0.95 0.00	60.71 -0.43 0.00	51.12 -0.31 0.00	46.01 -0.32 0.00
ALBANY___4 23574	39.23 0.50 0.00	35.58 0.70 0.00	33.49 0.72 0.00	30.73 0.75 0.00	30.56 0.72 0.00	34.33 0.57 0.00	39.00 0.46 0.00	40.17 0.55 0.00	38.94 0.42 0.00	38.49 0.31 0.00	41.13 0.20 0.00	43.40 -0.35 0.00	45.02 -0.45 0.00	48.50 -0.59 0.00	51.50 -0.57 0.00	53.85 -0.49 0.00	60.55 -0.49 0.00	74.77 -0.68 0.00	76.73 -0.46 0.00	76.18 -0.77 0.00	72.13 -0.95 0.00	60.71 -0.43 0.00	51.12 -0.31 0.00	46.01 -0.32 0.00
ALBANY___LFGE 323615	39.62 0.89 0.00	35.86 0.98 0.00	33.79 1.02 0.00	30.97 0.99 0.00	30.80 0.95 0.00	34.63 0.88 0.00	39.35 0.81 0.00	40.49 0.87 0.00	39.24 0.73 0.00	38.83 0.65 0.00	41.50 0.57 0.00	43.88 0.13 0.00	45.38 -0.09 0.00	49.13 0.05 0.00	52.17 0.10 0.00	54.55 0.22 0.00	61.34 0.31 0.00	75.75 0.30 0.00	77.96 0.77 0.00	77.42 0.46 0.00	73.22 0.15 0.00	61.63 0.49 0.00	51.68 0.26 0.00	46.52 0.19 0.00
ALCOA_PA_115KV_PL-6C 55860	39.11 0.39 0.00	35.13 0.24 0.00	33.00 0.23 0.00	30.16 0.18 0.00	29.96 0.12 0.00	34.16 0.41 0.00	39.27 0.73 0.00	40.37 0.75 0.00	39.01 0.50 0.00	38.64 0.46 0.00	41.45 0.53 0.00	44.37 0.61 0.00	46.15 0.68 0.00	49.82 0.74 0.00	52.59 0.52 0.00	54.50 0.16 0.00	61.22 0.18 0.00	75.52 0.08 0.00	76.88 -0.31 0.00	77.03 0.08 0.00	73.66 0.58 0.00	61.81 0.67 0.00	51.94 0.51 0.00	46.85 0.51 0.00
ALCOA_RYNLDS___DRP 24188	39.11 0.39 0.00	35.13 0.24 0.00	33.00 0.23 0.00	30.16 0.18 0.00	29.96 0.12 0.00	34.16 0.41 0.00	39.27 0.73 0.00	40.37 0.75 0.00	39.01 0.50 0.00	38.64 0.46 0.00	41.45 0.53 0.00	44.37 0.61 0.00	46.15 0.68 0.00	49.82 0.74 0.00	52.59 0.52 0.00	54.50 0.16 0.00	61.22 0.18 0.00	75.52 0.08 0.00	76.88 -0.31 0.00	77.03 0.08 0.00	73.66 0.58 0.00	61.81 0.67 0.00	51.94 0.51 0.00	46.85 0.51 0.00
ALCOA___DSASP 323711	39.11 0.39 0.00	35.13 0.25 0.00	33.00 0.23 0.00	30.16 0.18 0.00	29.96 0.12 0.00	34.16 0.41 0.00	39.27 0.73 0.00	40.37 0.75 0.00	39.01 0.50 0.00	38.64 0.46 0.00	41.45 0.53 0.00	44.41 0.66 0.00	46.15 0.68 0.00	49.68 0.59 0.00	52.48 0.41 0.00	54.50 0.16 0.00	61.22 0.18 0.00	75.52 0.08 0.00	76.65 -0.54 0.00	76.88 -0.08 0.00	73.66 0.58 0.00	61.81 0.67 0.00	51.94 0.51 0.00	46.85 0.51 0.00
ALLEGHENY___COGEN 23514	40.54 1.82 0.00	36.46 1.57 0.00	34.08 1.31 0.00	31.09 1.11 0.00	30.98 1.13 0.00	34.70 0.94 0.00	38.84 0.31 0.00	39.54 -0.08 0.00	38.36 -0.15 0.00	37.87 -0.31 0.00	40.55 -0.37 0.00	44.32 0.57 0.00	46.65 1.18 0.00	50.36 1.27 0.00	52.07 0.00 0.00	54.55 0.22 0.00	60.98 -0.06 0.00	76.73 1.28 0.00	81.20 4.01 0.00	82.19 5.24 0.00	77.61 4.53 0.00	63.65 2.51 0.00	53.89 2.47 0.00	49.77 3.43 0.00
ALTAMONT_115KV_TB 2 55880	39.50 0.77 0.00	35.69 0.80 0.00	33.59 0.82 0.00	30.76 0.78 0.00	30.62 0.78 0.00	34.46 0.71 0.00	39.19 0.66 0.00	40.29 0.67 0.00	39.13 0.62 0.00	38.68 0.50 0.00	41.37 0.45 0.00	43.99 0.22 -0.02	45.74 0.23 -0.05	49.34 0.15 -0.10	52.43 0.21 -0.15	54.80 0.27 -0.19	61.70 0.37 -0.30	75.83 0.38 0.00	77.88 0.69 0.00	77.41 0.46 0.00	73.30 0.22 0.00	61.57 0.43 0.00	51.89 0.46 0.00	46.71 0.37 0.00
ALTONA_WT_PWR 323606	40.08 1.35 0.00	35.93 1.05 0.00	33.75 0.98 0.00	30.82 0.84 0.00	30.68 0.83 0.00	34.97 1.21 0.00	40.23 1.69 0.00	41.28 1.66 0.00	39.94 1.43 0.00	39.63 1.45 0.00	42.52 1.59 0.00	45.55 1.79 0.00	47.43 1.95 0.00	50.31 1.23 0.00	52.59 0.52 0.00	54.61 0.27 0.00	61.34 0.31 0.00	75.75 0.30 0.00	76.96 -0.23 0.00	77.26 0.31 0.00	73.96 0.88 0.00	61.63 0.49 0.00	51.83 0.41 0.00	47.36 1.02 0.00
AMERICAN_REF_FUEL 24010	38.37 -0.35 0.00	34.78 -0.10 0.00	32.31 -0.46 0.00	29.08 -0.90 0.00	29.01 -0.84 0.00	32.67 -1.08 0.00	35.76 -2.78 0.00	36.53 -3.09 0.00	36.32 -2.19 0.00	36.19 -1.99 0.00	38.71 -2.21 0.00	42.79 -0.96 0.00	45.34 -0.14 0.00	48.69 -0.39 0.00	52.02 -0.05 0.00	54.34 0.00 0.00	59.69 -1.34 0.00	74.17 -1.28 0.00	77.80 0.61 0.00	77.34 0.39 0.00	71.98 -1.09 0.00	58.63 -2.51 0.00	50.76 -0.67 0.00	45.92 -0.42 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	39.34 0.62 0.00	35.48 0.59 0.00	32.77 0.00 0.00	29.83 -0.15 0.00	29.82 -0.03 0.00	33.18 -0.57 0.00	36.76 -1.77 0.00	37.75 -1.86 0.00	37.63 -0.88 0.00	37.76 -0.42 0.00	40.51 -0.41 0.00	44.76 1.01 0.00	47.52 2.05 0.00	51.30 2.21 0.00	54.67 2.60 0.00	57.27 2.93 0.00	63.05 2.01 0.00	78.39 2.94 0.00	82.36 5.17 0.00	81.73 4.77 0.00	75.85 2.78 0.00	61.87 0.74 0.00	53.12 1.69 0.00	47.78 1.44 0.00
ARTHUR KILL_GT_1 23520	41.20 2.48 0.00	37.12 2.23 0.00	34.64 1.87 0.00	31.54 1.56 0.00	31.49 1.64 0.00	35.10 1.35 0.00	39.88 1.35 0.00	41.20 1.58 0.00	40.28 1.77 0.00	40.36 2.18 0.00	43.34 2.41 0.00	46.25 2.49 0.00	48.15 2.68 0.00	51.09 2.01 0.01	52.17 2.03 1.93	52.38 2.06 4.02	55.07 2.20 8.17	63.26 2.49 14.68	62.48 2.55 17.25	63.00 2.31 16.26	55.25 1.39 19.21	54.55 1.22 7.81	52.90 1.49 0.02	48.98 2.64 0.00
ARTHUR_KILL_2 23512	41.06 2.32 -0.01	37.02 2.13 -0.01	34.54 1.77 0.00	31.45 1.47 0.00	31.40 1.55 0.00	34.97 1.21 0.00	39.77 1.23 0.00	41.04 1.42 0.00	40.13 1.62 0.00	40.24 2.06 0.00	43.17 2.25 0.00	46.07 2.32 0.00	47.70 2.23 0.00	51.04 1.97 0.01	51.96 1.82 1.93	52.05 1.74 4.02	54.69 1.83 8.17	62.87 2.11 14.69	62.25 2.31 17.25	62.69 2.00 16.26	54.89 1.02 19.21	54.29 0.98 7.82	52.54 1.13 0.02	48.62 2.27 -0.01
ARTHUR_KILL_3 23513	40.47 1.74 0.00	36.52 1.64 0.00	34.17 1.41 0.01	31.23 1.26 0.01	31.15 1.31 0.01	35.03 1.28 0.00	40.00 1.46 0.00	41.44 1.82 0.00	40.67 2.16 0.00	40.55 2.37 0.00	43.50 2.58 0.00	46.25 2.49 0.00	47.83 2.36 0.00	51.49 2.40 0.00	52.38 2.24 1.92	52.55 2.23 4.01	55.19 2.32 8.17	63.25 2.49 14.68	62.57 2.63 17.25	63.09 2.39 16.25	55.19 1.32 19.20	54.55 1.22 7.81	52.96 1.54 0.01	47.96 1.62 0.00

ARTHUR_KILL_COGEN 323718	41.21 2.48 -0.01	37.13 2.23 -0.01	34.64 1.87 0.00	31.54 1.56 0.00	31.49 1.64 0.00	35.10 1.35 0.00	39.88 1.35 0.00	41.16 1.54 0.00	40.29 1.77 0.00	40.36 2.18 0.00	43.34 2.41 0.00	46.25 2.49 0.00	47.88 2.41 0.00	51.24 2.16 0.01	52.17 2.03 1.93	52.27 1.95 4.02	55.00 2.14 8.17	63.25 2.49 14.69	62.56 2.63 17.25	63.08 2.39 16.26	55.25 1.39 19.21	54.54 1.22 7.82	52.74 1.33 0.02	48.80 2.45 -0.01
ASHOKAN____ 23654	40.16 1.43 0.00	36.28 1.40 0.00	34.01 1.24 0.00	31.12 1.14 0.00	31.01 1.16 0.00	34.80 1.05 0.00	39.42 0.89 0.00	40.37 0.75 0.00	39.05 0.54 0.00	38.52 0.34 0.00	41.13 0.21 0.00	45.01 1.57 0.32	46.51 1.77 0.73	49.63 2.21 1.66	52.23 2.60 2.45	54.11 2.82 3.05	59.98 3.72 4.78	79.58 4.15 0.02	80.43 3.24 0.00	80.18 3.23 0.00	75.20 2.12 0.00	63.28 2.14 0.00	53.12 1.69 0.00	48.68 2.36 0.02
ASTORIA_EAST_ENERGY_CC1 323581	40.94 2.21 -0.01	36.95 2.06 -0.01	34.50 1.74 0.00	31.42 1.44 0.00	31.34 1.49 0.00	35.00 1.25 0.00	39.88 1.35 0.00	41.24 1.62 0.00	40.47 1.96 0.01	40.51 2.33 0.00	43.46 2.54 0.00	46.33 2.58 0.00	47.93 2.45 0.00	51.49 2.40 0.00	54.31 2.24 0.00	56.56 2.23 0.00	63.47 2.44 0.01	78.23 2.79 0.01	80.04 2.86 0.01	79.56 2.62 0.01	74.68 1.61 0.01	62.60 1.46 0.01	53.22 1.80 0.00	48.57 2.22 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	40.94 2.21 -0.01	36.95 2.06 -0.01	34.50 1.74 0.00	31.42 1.44 0.00	31.34 1.49 0.00	35.00 1.25 0.00	39.88 1.35 0.00	41.24 1.62 0.00	40.47 1.96 0.01	40.51 2.33 0.00	43.46 2.54 0.00	46.33 2.58 0.00	47.93 2.45 0.00	51.49 2.40 0.00	54.31 2.24 0.00	56.56 2.23 0.00	63.47 2.44 0.01	78.23 2.79 0.01	80.04 2.86 0.01	79.56 2.62 0.01	74.68 1.61 0.01	62.60 1.46 0.01	53.22 1.80 0.00	48.57 2.22 -0.01
ASTORIA_GT2_1 24094	40.97 2.25 0.00	36.98 2.09 0.00	34.51 1.74 0.00	31.42 1.44 0.00	31.37 1.52 0.00	35.00 1.25 0.00	39.92 1.39 0.00	41.32 1.70 0.00	40.48 1.96 0.00	40.51 2.33 0.00	43.50 2.58 0.00	46.38 2.63 0.00	48.20 2.73 0.00	51.29 2.21 0.00	54.31 2.24 0.00	56.73 2.39 0.00	63.54 2.50 0.00	78.32 2.87 0.00	79.96 2.78 0.01	79.48 2.54 0.01	74.75 1.68 0.01	62.61 1.47 0.00	53.43 2.01 0.00	48.79 2.46 0.00
ASTORIA_GT2_2 24095	40.97 2.25 0.00	36.98 2.09 0.00	34.51 1.74 0.00	31.42 1.44 0.00	31.37 1.52 0.00	35.00 1.25 0.00	39.92 1.39 0.00	41.32 1.70 0.00	40.48 1.96 0.00	40.51 2.33 0.00	43.50 2.58 0.00	46.38 2.63 0.00	48.20 2.73 0.00	51.29 2.21 0.00	54.31 2.24 0.00	56.73 2.39 0.00	63.54 2.50 0.00	78.32 2.87 0.00	79.96 2.78 0.01	79.48 2.54 0.01	74.75 1.68 0.01	62.61 1.47 0.00	53.43 2.01 0.00	48.79 2.46 0.00
ASTORIA_GT2_3 24096	40.97 2.25 0.00	36.98 2.09 0.00	34.51 1.74 0.00	31.42 1.44 0.00	31.37 1.52 0.00	35.00 1.25 0.00	39.92 1.39 0.00	41.32 1.70 0.00	40.48 1.96 0.00	40.51 2.33 0.00	43.50 2.58 0.00	46.38 2.63 0.00	48.20 2.73 0.00	51.29 2.21 0.00	54.31 2.24 0.00	56.73 2.39 0.00	63.54 2.50 0.00	78.32 2.87 0.00	79.96 2.78 0.01	79.48 2.54 0.01	74.75 1.68 0.01	62.61 1.47 0.00	53.43 2.01 0.00	48.79 2.46 0.00
ASTORIA_GT2_4 24097	40.97 2.25 0.00	36.98 2.09 0.00	34.51 1.74 0.00	31.42 1.44 0.00	31.37 1.52 0.00	35.00 1.25 0.00	39.92 1.39 0.00	41.32 1.70 0.00	40.48 1.96 0.00	40.51 2.33 0.00	43.50 2.58 0.00	46.38 2.63 0.00	48.20 2.73 0.00	51.29 2.21 0.00	54.31 2.24 0.00	56.73 2.39 0.00	63.54 2.50 0.00	78.32 2.87 0.00	79.96 2.78 0.01	79.48 2.54 0.01	74.75 1.68 0.01	62.61 1.47 0.00	53.43 2.01 0.00	48.79 2.46 0.00
ASTORIA_GT3_1 24098	40.97 2.25 0.00	36.98 2.09 0.00	34.51 1.74 0.00	31.42 1.44 0.00	31.37 1.52 0.00	35.00 1.25 0.00	39.92 1.39 0.00	41.32 1.70 0.00	40.48 1.96 0.00	40.51 2.33 0.00	43.50 2.58 0.00	46.38 2.63 0.00	48.20 2.73 0.00	51.29 2.21 0.00	54.31 2.24 0.00	56.73 2.39 0.00	63.54 2.50 0.00	78.32 2.87 0.00	79.96 2.78 0.01	79.48 2.54 0.01	74.75 1.68 0.01	62.61 1.47 0.00	53.43 2.01 0.00	48.79 2.46 0.00
ASTORIA_GT3_2 24099	40.97 2.25 0.00	36.98 2.09 0.00	34.51 1.74 0.00	31.42 1.44 0.00	31.37 1.52 0.00	35.00 1.25 0.00	39.92 1.39 0.00	41.32 1.70 0.00	40.48 1.96 0.00	40.51 2.33 0.00	43.50 2.58 0.00	46.38 2.63 0.00	48.20 2.73 0.00	51.29 2.21 0.00	54.31 2.24 0.00	56.73 2.39 0.00	63.54 2.50 0.00	78.32 2.87 0.00	79.96 2.78 0.01	79.48 2.54 0.01	74.75 1.68 0.01	62.61 1.47 0.00	53.43 2.01 0.00	48.79 2.46 0.00
ASTORIA_GT3_3 24100	40.97 2.25 0.00	36.98 2.09 0.00	34.51 1.74 0.00	31.42 1.44 0.00	31.37 1.52 0.00	35.00 1.25 0.00	39.92 1.39 0.00	41.32 1.70 0.00	40.48 1.96 0.00	40.51 2.33 0.00	43.50 2.58 0.00	46.38 2.63 0.00	48.20 2.73 0.00	51.29 2.21 0.00	54.31 2.24 0.00	56.73 2.39 0.00	63.54 2.50 0.00	78.32 2.87 0.00	79.96 2.78 0.01	79.48 2.54 0.01	74.75 1.68 0.01	62.61 1.47 0.00	53.43 2.01 0.00	48.79 2.46 0.00
ASTORIA_GT3_4 24101	40.97 2.25 0.00	36.98 2.09 0.00	34.51 1.74 0.00	31.42 1.44 0.00	31.37 1.52 0.00	35.00 1.25 0.00	39.92 1.39 0.00	41.32 1.70 0.00	40.48 1.96 0.00	40.51 2.33 0.00	43.50 2.58 0.00	46.38 2.63 0.00	48.20 2.73 0.00	51.29 2.21 0.00	54.31 2.24 0.00	56.73 2.39 0.00	63.54 2.50 0.00	78.32 2.87 0.00	79.96 2.78 0.01	79.48 2.54 0.01	74.75 1.68 0.01	62.61 1.47 0.00	53.43 2.01 0.00	48.79 2.46 0.00
ASTORIA_GT4_1 24102	40.97 2.25 0.00	36.98 2.09 0.00	34.51 1.74 0.00	31.42 1.44 0.00	31.37 1.52 0.00	35.00 1.25 0.00	39.92 1.39 0.00	41.32 1.70 0.00	40.48 1.96 0.00	40.51 2.33 0.00	43.50 2.58 0.00	46.38 2.63 0.00	48.20 2.73 0.00	51.29 2.21 0.00	54.31 2.24 0.00	56.73 2.39 0.00	63.54 2.50 0.00	78.32 2.87 0.00	79.96 2.78 0.01	79.48 2.54 0.01	74.75 1.68 0.01	62.61 1.47 0.00	53.43 2.01 0.00	48.79 2.46 0.00
ASTORIA_GT4_2 24103	40.97 2.25 0.00	36.98 2.09 0.00	34.51 1.74 0.00	31.42 1.44 0.00	31.37 1.52 0.00	35.00 1.25 0.00	39.92 1.39 0.00	41.32 1.70 0.00	40.48 1.96 0.00	40.51 2.33 0.00	43.50 2.58 0.00	46.38 2.63 0.00	48.20 2.73 0.00	51.29 2.21 0.00	54.31 2.24 0.00	56.73 2.39 0.00	63.54 2.50 0.00	78.32 2.87 0.00	79.96 2.78 0.01	79.48 2.54 0.01	74.75 1.68 0.01	62.61 1.47 0.00	53.43 2.01 0.00	48.79 2.46 0.00
ASTORIA_GT4_3 24104	40.97 2.25 0.00	36.98 2.09 0.00	34.51 1.74 0.00	31.42 1.44 0.00	31.37 1.52 0.00	35.00 1.25 0.00	39.92 1.39 0.00	41.32 1.70 0.00	40.48 1.96 0.00	40.51 2.33 0.00	43.50 2.58 0.00	46.38 2.63 0.00	48.20 2.73 0.00	51.29 2.21 0.00	54.31 2.24 0.00	56.73 2.39 0.00	63.54 2.50 0.00	78.32 2.87 0.00	79.96 2.78 0.01	79.48 2.54 0.01	74.75 1.68 0.01	62.61 1.47 0.00	53.43 2.01 0.00	48.79 2.46 0.00

ASTORIA_GT4_4 24105	40.97 2.25 0.00	36.98 2.09 0.00	34.51 1.74 0.00	31.42 1.44 0.00	31.37 1.52 0.00	35.00 1.25 0.00	39.92 1.39 0.00	41.32 1.70 0.00	40.48 1.96 0.00	40.51 2.33 0.00	43.50 2.58 0.00	46.38 2.63 0.00	48.20 2.73 0.00	51.29 2.21 0.00	54.31 2.24 0.00	56.73 2.39 0.00	63.54 2.50 0.00	78.32 2.87 0.00	79.96 2.78 0.01	79.48 2.54 0.01	74.75 1.68 0.01	62.61 1.47 0.00	53.43 2.01 0.00	48.79 2.46 0.00
ASTORIA_GT_1 23523	41.05 2.32 0.00	37.05 2.16 0.00	34.57 1.80 0.00	31.48 1.50 0.00	31.43 1.58 0.00	35.07 1.32 0.00	40.00 1.46 0.00	41.40 1.78 0.00	40.59 2.08 0.00	40.62 2.44 0.00	43.58 2.66 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.44 2.36 0.00	54.46 2.40 0.00	56.84 2.50 0.00	63.72 2.69 0.00	78.54 3.09 0.00	80.19 3.01 0.01	79.72 2.77 0.01	74.97 1.90 0.01	62.79 1.65 0.00	53.53 2.11 0.00	48.89 2.55 0.00
ASTORIA_GT_10 24110	40.89 2.17 0.00	36.91 2.02 0.00	34.47 1.70 0.00	31.45 1.47 0.00	31.40 1.55 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.40 1.78 0.00	40.59 2.08 0.00	40.62 2.44 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.29 2.82 0.00	51.39 2.31 0.00	54.36 2.29 0.00	56.67 2.34 0.00	63.30 2.26 0.00	77.86 2.41 0.00	73.25 2.47 6.41	70.31 2.15 8.80	63.94 1.32 10.46	62.30 1.16 0.00	53.17 1.75 0.00	48.65 2.32 0.00
ASTORIA_GT_11 24225	40.89 2.17 0.00	36.91 2.02 0.00	34.47 1.70 0.00	31.45 1.47 0.00	31.40 1.55 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.40 1.78 0.00	40.59 2.08 0.00	40.62 2.44 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.29 2.82 0.00	51.39 2.31 0.00	54.36 2.29 0.00	56.67 2.34 0.00	63.30 2.26 0.00	77.86 2.41 0.00	73.25 2.47 6.41	70.31 2.15 8.80	63.94 1.32 10.46	62.30 1.16 0.00	53.17 1.75 0.00	48.65 2.32 0.00
ASTORIA_GT_12 24226	40.89 2.17 0.00	36.91 2.02 0.00	34.47 1.70 0.00	31.45 1.47 0.00	31.40 1.55 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.40 1.78 0.00	40.59 2.08 0.00	40.62 2.44 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.29 2.82 0.00	51.39 2.31 0.00	54.36 2.29 0.00	56.67 2.34 0.00	63.30 2.26 0.00	77.86 2.41 0.00	73.25 2.47 6.41	70.31 2.15 8.80	63.94 1.32 10.46	62.30 1.16 0.00	53.17 1.75 0.00	48.65 2.32 0.00
ASTORIA_GT_13 24227	40.89 2.17 0.00	36.91 2.02 0.00	34.47 1.70 0.00	31.45 1.47 0.00	31.40 1.55 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.40 1.78 0.00	40.59 2.08 0.00	40.62 2.44 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.29 2.82 0.00	51.39 2.31 0.00	54.36 2.29 0.00	56.67 2.34 0.00	63.30 2.26 0.00	77.86 2.41 0.00	73.25 2.47 6.41	70.31 2.15 8.80	63.94 1.32 10.46	62.30 1.16 0.00	53.17 1.75 0.00	48.65 2.32 0.00
ASTORIA_GT_5 24106	41.05 2.32 0.00	37.05 2.16 0.00	34.57 1.80 0.00	31.48 1.50 0.00	31.43 1.58 0.00	35.07 1.32 0.00	40.00 1.46 0.00	41.40 1.78 0.00	40.59 2.08 0.00	40.62 2.44 0.00	43.58 2.66 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.44 2.36 0.00	54.46 2.40 0.00	56.84 2.50 0.00	63.72 2.69 0.00	78.54 3.09 0.00	80.19 3.01 0.01	79.72 2.77 0.01	74.97 1.90 0.01	62.79 1.65 0.00	53.53 2.11 0.00	48.89 2.55 0.00
ASTORIA_GT_7 24107	41.05 2.32 0.00	37.05 2.16 0.00	34.57 1.80 0.00	31.48 1.50 0.00	31.43 1.58 0.00	35.07 1.32 0.00	40.00 1.46 0.00	41.40 1.78 0.00	40.59 2.08 0.00	40.62 2.44 0.00	43.58 2.66 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.44 2.36 0.00	54.46 2.40 0.00	56.84 2.50 0.00	63.72 2.69 0.00	78.54 3.09 0.00	80.19 3.01 0.01	79.72 2.77 0.01	74.97 1.90 0.01	62.79 1.65 0.00	53.53 2.11 0.00	48.89 2.55 0.00
ASTORIA_GT_8 24108	41.05 2.32 0.00	37.05 2.16 0.00	34.57 1.80 0.00	31.48 1.50 0.00	31.43 1.58 0.00	35.07 1.32 0.00	40.00 1.46 0.00	41.40 1.78 0.00	40.59 2.08 0.00	40.62 2.44 0.00	43.58 2.66 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.44 2.36 0.00	54.46 2.40 0.00	56.84 2.50 0.00	63.72 2.69 0.00	78.54 3.09 0.00	80.19 3.01 0.01	79.72 2.77 0.01	74.97 1.90 0.01	62.79 1.65 0.00	53.53 2.11 0.00	48.89 2.55 0.00
ASTORIA___2 24149	40.98 2.25 -0.01	36.99 2.09 -0.01	34.50 1.74 0.00	31.42 1.44 0.00	31.37 1.52 0.00	35.00 1.25 0.00	39.92 1.39 0.00	41.28 1.66 0.00	40.47 1.96 0.01	40.55 2.37 0.00	43.46 2.54 0.00	46.33 2.58 0.00	47.97 2.50 0.00	51.54 2.45 0.00	54.31 2.24 0.00	56.62 2.28 0.00	63.53 2.50 0.01	78.23 2.79 0.01	80.04 2.86 0.01	79.64 2.69 0.01	74.75 1.68 0.01	62.60 1.46 0.01	53.27 1.85 0.00	48.62 2.27 -0.01
ASTORIA___3 23516	40.90 2.17 -0.01	36.92 2.02 -0.01	34.47 1.70 0.00	31.45 1.47 0.00	31.40 1.55 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.40 1.78 0.00	40.59 2.08 0.00	40.63 2.45 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.02 2.54 0.00	51.54 2.45 0.00	54.36 2.29 0.00	56.56 2.23 0.00	63.22 2.19 0.01	77.78 2.34 0.01	73.32 2.54 6.41	70.46 2.31 8.80	63.94 1.32 10.46	62.29 1.16 0.01	53.02 1.60 0.00	48.43 2.09 -0.01
ASTORIA___4 23517	40.89 2.17 0.00	36.91 2.02 0.00	34.47 1.70 0.00	31.45 1.47 0.00	31.40 1.55 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.40 1.78 0.00	40.59 2.08 0.00	40.62 2.44 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.29 2.82 0.00	51.39 2.31 0.00	54.36 2.29 0.00	56.67 2.34 0.00	63.30 2.26 0.00	77.86 2.41 0.00	73.25 2.47 6.41	70.31 2.15 8.80	63.94 1.32 10.46	62.30 1.16 0.00	53.17 1.75 0.00	48.65 2.32 0.00
ASTORIA___5 23518	40.90 2.17 -0.01	36.92 2.02 -0.01	34.47 1.70 0.00	31.45 1.47 0.00	31.40 1.55 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.40 1.78 0.00	40.59 2.08 0.00	40.63 2.45 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.02 2.54 0.00	51.54 2.45 0.00	54.36 2.29 0.00	56.56 2.23 0.00	63.22 2.19 0.01	77.78 2.34 0.01	73.32 2.54 6.41	70.46 2.31 8.80	63.94 1.32 10.46	62.29 1.16 0.01	53.02 1.60 0.00	48.43 2.09 -0.01
AST_ENERGY_2_CC3 323677	37.26 1.90 3.36	36.66 1.78 0.00	34.31 1.54 0.00	31.42 1.44 0.00	31.31 1.46 0.00	35.17 1.42 0.00	37.26 1.58 2.86	37.26 1.90 4.26	37.26 2.19 3.45	37.26 2.45 3.37	38.57 2.62 4.97	38.57 2.58 7.76	38.57 2.45 9.36	38.57 2.50 13.02	38.57 2.45 15.95	38.57 2.50 18.27	41.85 2.62 21.81	51.51 2.87 26.80	50.90 3.01 29.30	51.34 2.77 28.38	43.52 1.75 31.31	42.82 1.53 19.85	38.57 1.75 14.60	38.57 1.81 9.57
AST_ENERGY_2_CC4 323678	37.26 1.90 3.36	36.66 1.78 0.00	34.31 1.54 0.00	31.42 1.44 0.00	31.31 1.46 0.00	35.17 1.42 0.00	37.26 1.58 2.86	37.26 1.90 4.26	37.26 2.19 3.45	37.26 2.45 3.37	38.57 2.62 4.97	38.57 2.58 7.76	38.57 2.45 9.36	38.57 2.50 13.02	38.57 2.45 15.95	38.57 2.50 18.27	41.85 2.62 21.81	51.51 2.87 26.80	50.90 3.01 29.30	51.34 2.77 28.38	43.52 1.75 31.31	42.82 1.53 19.85	38.57 1.75 14.60	38.57 1.81 9.57

ATHENS_STG_1 23668	39.50 0.77 0.00	35.69 0.80 0.00	33.55 0.79 0.00	30.73 0.75 0.00	30.62 0.77 0.00	34.39 0.64 0.00	39.15 0.61 0.00	40.33 0.71 0.00	39.24 0.73 0.00	38.98 0.80 0.00	41.70 0.78 0.00	44.41 0.66 0.00	46.02 0.55 0.00	49.68 0.59 0.00	52.70 0.63 0.00	54.99 0.65 0.00	61.77 0.74 0.00	76.13 0.68 0.00	78.19 1.00 0.00	77.72 0.77 0.00	73.37 0.29 0.00	61.63 0.49 0.00	51.89 0.46 0.00	46.80 0.46 0.00
ATHENS_STG_2 23670	39.50 0.77 0.00	35.69 0.80 0.00	33.55 0.79 0.00	30.73 0.75 0.00	30.62 0.77 0.00	34.39 0.64 0.00	39.15 0.61 0.00	40.33 0.71 0.00	39.24 0.73 0.00	38.98 0.80 0.00	41.70 0.78 0.00	44.41 0.66 0.00	46.02 0.55 0.00	49.68 0.59 0.00	52.70 0.63 0.00	54.99 0.65 0.00	61.77 0.74 0.00	76.13 0.68 0.00	78.19 1.00 0.00	77.72 0.77 0.00	73.37 0.29 0.00	61.63 0.49 0.00	51.89 0.46 0.00	46.80 0.46 0.00
ATHENS_STG_3 23677	39.50 0.77 0.00	35.69 0.80 0.00	33.55 0.79 0.00	30.73 0.75 0.00	30.62 0.77 0.00	34.39 0.64 0.00	39.15 0.61 0.00	40.33 0.71 0.00	39.24 0.73 0.00	38.98 0.80 0.00	41.70 0.78 0.00	44.41 0.66 0.00	46.02 0.55 0.00	49.68 0.59 0.00	52.70 0.63 0.00	54.99 0.65 0.00	61.77 0.74 0.00	76.13 0.68 0.00	78.19 1.00 0.00	77.72 0.77 0.00	73.37 0.29 0.00	61.63 0.49 0.00	51.89 0.46 0.00	46.80 0.46 0.00
AUBURN___LFGE 323710	38.92 0.19 0.00	35.02 0.14 0.00	32.83 0.07 0.00	30.01 0.03 0.00	29.90 0.06 0.00	33.68 -0.07 0.00	38.23 -0.31 0.00	39.26 -0.36 0.00	38.28 -0.23 0.00	37.91 -0.27 0.00	40.76 -0.16 0.00	43.88 0.13 0.00	45.56 0.09 0.00	49.43 0.34 0.00	52.64 0.57 0.00	54.99 0.65 0.00	61.77 0.73 0.00	76.58 1.13 0.00	79.27 2.08 0.00	79.18 2.23 0.00	74.91 1.83 0.00	62.18 1.04 0.00	52.09 0.67 0.00	46.85 0.51 0.00
BABYLON_RES_REC 323704	41.43 2.71 0.00	37.22 2.34 0.00	34.74 1.97 0.00	31.78 1.80 0.00	31.61 1.76 0.00	35.51 1.75 0.00	40.39 1.85 0.00	41.95 2.34 0.00	41.36 2.85 0.00	41.39 3.21 -0.01	44.37 3.44 0.00	46.38 2.62 0.00	47.29 1.82 0.00	50.28 1.27 0.08	53.03 1.14 0.19	55.61 1.47 0.20	62.48 1.58 0.14	77.02 1.81 0.23	79.35 2.16 0.00	78.06 1.16 0.05	68.71 0.00 4.37	61.38 0.25 0.01	50.51 0.51 1.43	47.35 1.02 0.00
BALL_HILL_WT_PWR 323825	39.00 0.27 0.00	35.20 0.31 0.00	32.67 -0.10 0.00	29.80 -0.18 0.00	29.76 -0.09 0.00	33.11 -0.64 0.00	36.65 -1.89 0.00	37.48 -2.14 0.00	37.24 -1.27 0.00	37.23 -0.95 0.00	39.86 -1.06 0.00	44.02 0.26 0.00	46.61 1.14 0.00	50.26 1.18 0.00	53.63 1.56 0.00	56.07 1.74 0.00	61.77 0.74 0.00	76.96 1.51 0.00	80.74 3.55 0.00	80.18 3.23 0.00	74.54 1.46 0.00	60.83 -0.30 0.00	52.35 0.93 0.00	47.36 1.02 0.00
BARON_WINDS___WT_PWR 323822	39.19 0.47 0.00	35.30 0.42 0.00	32.93 0.16 0.00	30.07 0.09 0.00	30.00 0.15 0.00	33.58 -0.17 0.00	37.46 -1.08 0.00	38.19 -1.42 0.00	37.47 -1.04 0.00	37.23 -0.95 0.00	39.94 -0.98 0.00	43.58 -0.17 0.00	45.79 0.32 0.00	49.38 0.30 0.00	52.54 0.47 0.00	54.93 0.60 0.00	61.16 0.12 0.00	76.05 0.60 0.00	79.59 2.40 0.00	79.49 2.54 0.00	74.54 1.46 0.00	61.20 0.06 0.00	51.99 0.57 0.00	47.08 0.74 0.00
BARRETT_IC_1 23704	41.17 2.44 0.00	37.01 2.13 0.00	34.57 1.80 0.00	31.63 1.65 0.00	31.49 1.64 0.00	35.37 1.62 0.00	40.23 1.69 0.00	41.75 2.14 0.00	41.13 2.62 0.00	41.12 2.94 -0.02	43.97 3.03 0.00	46.20 2.45 0.00	47.25 1.77 -0.01	50.80 1.72 0.00	53.73 1.67 0.01	56.19 1.85 -0.01	63.24 2.19 -0.01	77.94 2.49 -0.01	79.97 2.77 -0.01	78.88 1.92 -0.01	73.53 0.66 0.20	62.06 0.92 0.00	52.28 0.93 0.07	47.32 0.97 -0.01
BARRETT_IC_10 23701	41.17 2.44 0.00	37.01 2.13 0.00	34.57 1.80 0.00	31.63 1.65 0.00	31.49 1.64 0.00	35.37 1.62 0.00	40.23 1.69 0.00	41.75 2.14 0.00	41.13 2.62 0.00	41.12 2.94 -0.02	43.97 3.03 0.00	46.20 2.45 0.00	47.25 1.77 -0.01	50.80 1.72 0.00	53.73 1.67 0.01	56.19 1.85 -0.01	63.24 2.19 -0.01	77.94 2.49 -0.01	79.97 2.77 -0.01	78.88 1.92 -0.01	73.53 0.66 0.20	62.06 0.92 0.00	52.28 0.93 0.07	47.32 0.97 -0.01
BARRETT_IC_11 23702	41.17 2.44 0.00	37.01 2.13 0.00	34.57 1.80 0.00	31.63 1.65 0.00	31.49 1.64 0.00	35.37 1.62 0.00	40.23 1.69 0.00	41.75 2.14 0.00	41.13 2.62 0.00	41.12 2.94 -0.02	43.97 3.03 0.00	46.20 2.45 0.00	47.25 1.77 -0.01	50.80 1.72 0.00	53.73 1.67 0.01	56.19 1.85 -0.01	63.24 2.19 -0.01	77.94 2.49 -0.01	79.97 2.77 -0.01	78.88 1.92 -0.01	73.53 0.66 0.20	62.06 0.92 0.00	52.28 0.93 0.07	47.32 0.97 -0.01
BARRETT_IC_12 23703	41.17 2.44 0.00	37.01 2.13 0.00	34.57 1.80 0.00	31.63 1.65 0.00	31.49 1.64 0.00	35.37 1.62 0.00	40.23 1.69 0.00	41.75 2.14 0.00	41.13 2.62 0.00	41.12 2.94 -0.02	43.97 3.03 0.00	46.20 2.45 0.00	47.25 1.77 -0.01	50.80 1.72 0.00	53.73 1.67 0.01	56.19 1.85 -0.01	63.24 2.19 -0.01	77.94 2.49 -0.01	79.97 2.77 -0.01	78.88 1.92 -0.01	73.53 0.66 0.20	62.06 0.92 0.00	52.28 0.93 0.07	47.32 0.97 -0.01
BARRETT_IC_2 23705	41.17 2.44 0.00	37.01 2.13 0.00	34.57 1.80 0.00	31.63 1.65 0.00	31.49 1.64 0.00	35.37 1.62 0.00	40.23 1.69 0.00	41.75 2.14 0.00	41.13 2.62 0.00	41.12 2.94 -0.02	43.97 3.03 0.00	46.20 2.45 0.00	47.25 1.77 -0.01	50.80 1.72 0.00	53.73 1.67 0.01	56.19 1.85 -0.01	63.24 2.19 -0.01	77.94 2.49 -0.01	79.97 2.77 -0.01	78.88 1.92 -0.01	73.53 0.66 0.20	62.06 0.92 0.00	52.28 0.93 0.07	47.32 0.97 -0.01
BARRETT_IC_3 23706	41.17 2.44 0.00	37.01 2.13 0.00	34.57 1.80 0.00	31.63 1.65 0.00	31.49 1.64 0.00	35.37 1.62 0.00	40.23 1.69 0.00	41.75 2.14 0.00	41.13 2.62 0.00	41.12 2.94 -0.02	43.97 3.03 0.00	46.20 2.45 0.00	47.25 1.77 -0.01	50.80 1.72 0.00	53.73 1.67 0.01	56.19 1.85 -0.01	63.24 2.19 -0.01	77.94 2.49 -0.01	79.97 2.77 -0.01	78.88 1.92 -0.01	73.53 0.66 0.20	62.06 0.92 0.00	52.28 0.93 0.07	47.32 0.97 -0.01
BARRETT_IC_4 23707	41.17 2.44 0.00	37.01 2.13 0.00	34.57 1.80 0.00	31.63 1.65 0.00	31.49 1.64 0.00	35.37 1.62 0.00	40.23 1.69 0.00	41.75 2.14 0.00	41.13 2.62 0.00	41.12 2.94 -0.02	43.97 3.03 0.00	46.20 2.45 0.00	47.25 1.77 -0.01	50.80 1.72 0.00	53.73 1.67 0.01	56.19 1.85 -0.01	63.24 2.19 -0.01	77.94 2.49 -0.01	79.97 2.77 -0.01	78.88 1.92 -0.01	73.53 0.66 0.20	62.06 0.92 0.00	52.28 0.93 0.07	47.32 0.97 -0.01
BARRETT_IC_5 23708	41.17 2.44 0.00	37.01 2.13 0.00	34.57 1.80 0.00	31.63 1.65 0.00	31.49 1.64 0.00	35.37 1.62 0.00	40.23 1.69 0.00	41.75 2.14 0.00	41.13 2.62 0.00	41.12 2.94 -0.02	43.97 3.03 0.00	46.20 2.45 0.00	47.25 1.77 -0.01	50.80 1.72 0.00	53.73 1.67 0.01	56.19 1.85 -0.01	63.24 2.19 -0.01	77.94 2.49 -0.01	79.97 2.77 -0.01	78.88 1.92 -0.01	73.53 0.66 0.20	62.06 0.92 0.00	52.28 0.93 0.07	47.32 0.97 -0.01

BARRETT_IC_6 23709	41.17 2.44 0.00	37.01 2.13 0.00	34.57 1.80 0.00	31.63 1.65 0.00	31.49 1.64 0.00	35.37 1.62 0.00	40.23 1.69 0.00	41.75 2.14 0.00	41.13 2.62 0.00	41.12 2.94 0.00	43.97 3.03 -0.02	46.20 2.45 0.00	47.25 1.77 -0.01	50.80 1.72 0.00	53.73 1.67 0.01	56.19 1.85 -0.01	63.24 2.19 -0.01	77.94 2.49 -0.01	79.97 2.77 -0.01	78.88 1.92 -0.01	73.53 0.66 0.20	62.06 0.92 0.00	52.28 0.93 0.07	47.32 0.97 -0.01
BARRETT_IC_7 23710	41.16 2.44 0.00	37.01 2.13 0.00	34.57 1.80 0.00	31.63 1.65 0.00	31.49 1.64 0.00	35.37 1.62 0.00	40.23 1.70 0.00	41.83 2.22 0.00	41.13 2.62 0.00	41.12 2.94 0.00	43.95 3.03 0.00	46.60 2.84 0.00	48.29 2.82 0.00	50.75 1.67 0.01	53.73 1.67 0.01	56.29 1.96 0.00	63.36 2.32 0.00	78.01 2.57 0.00	79.89 2.70 0.00	78.72 1.77 0.00	73.53 0.66 0.20	62.05 0.92 0.01	52.43 1.08 0.07	48.10 1.76 0.00
BARRETT_IC_8 23711	41.17 2.44 0.00	37.01 2.13 0.00	34.57 1.80 0.00	31.63 1.65 0.00	31.49 1.64 0.00	35.37 1.62 0.00	40.23 1.69 0.00	41.75 2.14 0.00	41.13 2.62 0.00	41.12 2.94 0.00	43.97 3.03 -0.02	46.20 2.45 0.00	47.25 1.77 -0.01	50.80 1.72 0.00	53.73 1.67 0.01	56.19 1.85 -0.01	63.24 2.19 -0.01	77.94 2.49 -0.01	79.97 2.77 -0.01	78.88 1.92 -0.01	73.53 0.66 0.20	62.06 0.92 0.00	52.28 0.93 0.07	47.32 0.97 -0.01
BARRETT_IC_9 23700	41.17 2.44 0.00	37.01 2.13 0.00	34.57 1.80 0.00	31.63 1.65 0.00	31.49 1.64 0.00	35.37 1.62 0.00	40.23 1.69 0.00	41.75 2.14 0.00	41.13 2.62 0.00	41.12 2.94 0.00	43.97 3.03 -0.02	46.20 2.45 0.00	47.25 1.77 -0.01	50.80 1.72 0.00	53.73 1.67 0.01	56.19 1.85 -0.01	63.24 2.19 -0.01	77.94 2.49 -0.01	79.97 2.77 -0.01	78.88 1.92 -0.01	73.53 0.66 0.20	62.06 0.92 0.00	52.28 0.93 0.07	47.32 0.97 -0.01
BARRETT___1 23545	41.17 2.44 0.00	37.01 2.13 0.00	34.57 1.80 0.00	31.63 1.65 0.00	31.49 1.64 0.00	35.37 1.62 0.00	40.23 1.69 0.00	41.75 2.14 0.00	41.13 2.62 0.00	41.12 2.94 0.00	43.97 3.03 -0.02	46.20 2.45 0.00	47.25 1.77 -0.01	50.80 1.72 0.00	53.73 1.67 0.01	56.19 1.85 -0.01	63.24 2.19 -0.01	77.94 2.49 -0.01	79.97 2.77 -0.01	78.88 1.92 -0.01	73.53 0.66 0.20	62.06 0.92 0.00	52.28 0.93 0.07	47.32 0.97 -0.01
BARRETT___2 23546	41.17 2.44 0.00	37.01 2.13 0.00	34.57 1.80 0.00	31.63 1.65 0.00	31.49 1.64 0.00	35.37 1.62 0.00	40.23 1.69 0.00	41.75 2.14 0.00	41.13 2.62 0.00	41.12 2.94 0.00	43.97 3.03 -0.02	46.20 2.45 0.00	47.25 1.77 -0.01	50.80 1.72 0.00	53.73 1.67 0.01	56.19 1.85 -0.01	63.24 2.19 -0.01	77.94 2.49 -0.01	79.97 2.77 -0.01	78.88 1.92 -0.01	73.53 0.66 0.20	62.06 0.92 0.00	52.28 0.93 0.07	47.32 0.97 -0.01
BATAVIA__115KV_TB1 55881	39.58 0.85 0.00	35.69 0.80 0.00	33.29 0.52 0.00	30.37 0.39 0.00	30.26 0.42 0.00	33.68 -0.07 0.00	37.34 -1.19 0.00	38.27 -1.35 0.00	37.82 -0.69 0.00	37.68 -0.50 0.00	40.55 -0.37 0.00	44.54 0.79 0.00	46.02 0.55 0.00	50.46 1.37 0.00	54.05 1.98 0.00	56.45 2.12 0.00	62.32 1.28 0.00	77.41 1.96 0.00	81.28 4.09 0.00	81.57 4.62 0.00	76.29 3.22 0.00	62.36 1.22 0.00	52.61 1.18 0.00	47.45 1.11 0.00
BAYONEEC___CTG1 323682	40.66 1.94 0.00	36.70 1.81 0.00	34.34 1.57 0.00	31.42 1.44 0.00	31.31 1.46 0.00	35.20 1.45 0.00	40.15 1.62 0.00	41.60 1.98 0.00	40.78 2.27 0.00	40.70 2.52 0.00	43.62 2.70 0.00	46.42 2.67 0.00	48.02 2.54 0.00	51.69 2.60 0.00	54.62 2.55 0.00	56.89 2.55 0.00	63.72 2.68 0.00	78.31 2.87 0.00	73.88 3.09 6.41	70.93 2.77 8.79	64.38 1.75 10.45	62.67 1.53 0.00	53.22 1.80 0.00	48.19 1.86 0.00
BAYONEEC___CTG10 323750	40.66 1.94 0.00	36.70 1.81 0.00	34.34 1.57 0.00	31.42 1.44 0.00	31.31 1.46 0.00	35.20 1.45 0.00	40.15 1.62 0.00	41.60 1.98 0.00	40.78 2.27 0.00	40.70 2.52 0.00	43.62 2.70 0.00	46.42 2.67 0.00	48.02 2.54 0.00	51.69 2.60 0.00	54.62 2.55 0.00	56.89 2.55 0.00	63.72 2.68 0.00	78.31 2.87 0.00	73.88 3.09 6.41	70.93 2.77 8.79	64.38 1.75 10.45	62.67 1.53 0.00	53.22 1.80 0.00	48.19 1.86 0.00
BAYONEEC___CTG2 323683	40.66 1.94 0.00	36.70 1.81 0.00	34.34 1.57 0.00	31.42 1.44 0.00	31.31 1.46 0.00	35.20 1.45 0.00	40.15 1.62 0.00	41.60 1.98 0.00	40.78 2.27 0.00	40.70 2.52 0.00	43.62 2.70 0.00	46.42 2.67 0.00	48.02 2.54 0.00	51.69 2.60 0.00	54.62 2.55 0.00	56.89 2.55 0.00	63.72 2.68 0.00	78.31 2.87 0.00	73.88 3.09 6.41	70.93 2.77 8.79	64.38 1.75 10.45	62.67 1.53 0.00	53.22 1.80 0.00	48.19 1.86 0.00
BAYONEEC___CTG3 323684	40.66 1.94 0.00	36.70 1.81 0.00	34.34 1.57 0.00	31.42 1.44 0.00	31.31 1.46 0.00	35.20 1.45 0.00	40.15 1.62 0.00	41.60 1.98 0.00	40.78 2.27 0.00	40.70 2.52 0.00	43.62 2.70 0.00	46.42 2.67 0.00	48.02 2.54 0.00	51.69 2.60 0.00	54.62 2.55 0.00	56.89 2.55 0.00	63.72 2.68 0.00	78.31 2.87 0.00	73.88 3.09 6.41	70.93 2.77 8.79	64.38 1.75 10.45	62.67 1.53 0.00	53.22 1.80 0.00	48.19 1.86 0.00
BAYONEEC___CTG4 323685	40.66 1.94 0.00	36.70 1.81 0.00	34.34 1.57 0.00	31.42 1.44 0.00	31.31 1.46 0.00	35.20 1.45 0.00	40.15 1.62 0.00	41.60 1.98 0.00	40.78 2.27 0.00	40.70 2.52 0.00	43.62 2.70 0.00	46.42 2.67 0.00	48.02 2.54 0.00	51.69 2.60 0.00	54.62 2.55 0.00	56.89 2.55 0.00	63.72 2.68 0.00	78.31 2.87 0.00	73.88 3.09 6.41	70.93 2.77 8.79	64.38 1.75 10.45	62.67 1.53 0.00	53.22 1.80 0.00	48.19 1.86 0.00
BAYONEEC___CTG5 323686	40.66 1.94 0.00	36.70 1.81 0.00	34.34 1.57 0.00	31.42 1.44 0.00	31.31 1.46 0.00	35.20 1.45 0.00	40.15 1.62 0.00	41.60 1.98 0.00	40.78 2.27 0.00	40.70 2.52 0.00	43.62 2.70 0.00	46.42 2.67 0.00	48.02 2.54 0.00	51.69 2.60 0.00	54.62 2.55 0.00	56.89 2.55 0.00	63.72 2.68 0.00	78.31 2.87 0.00	73.88 3.09 6.41	70.93 2.77 8.79	64.38 1.75 10.45	62.67 1.53 0.00	53.22 1.80 0.00	48.19 1.86 0.00
BAYONEEC___CTG6 323687	40.66 1.94 0.00	36.70 1.81 0.00	34.34 1.57 0.00	31.42 1.44 0.00	31.31 1.46 0.00	35.20 1.45 0.00	40.15 1.62 0.00	41.60 1.98 0.00	40.78 2.27 0.00	40.70 2.52 0.00	43.62 2.70 0.00	46.42 2.67 0.00	48.02 2.54 0.00	51.69 2.60 0.00	54.62 2.55 0.00	56.89 2.55 0.00	63.72 2.68 0.00	78.31 2.87 0.00	73.88 3.09 6.41	70.93 2.77 8.79	64.38 1.75 10.45	62.67 1.53 0.00	53.22 1.80 0.00	48.19 1.86 0.00
BAYONEEC___CTG7 323688	40.66 1.94 0.00	36.70 1.81 0.00	34.34 1.57 0.00	31.42 1.44 0.00	31.31 1.46 0.00	35.20 1.45 0.00	40.15 1.62 0.00	41.60 1.98 0.00	40.78 2.27 0.00	40.70 2.52 0.00	43.62 2.70 0.00	46.42 2.67 0.00	48.02 2.54 0.00	51.69 2.60 0.00	54.62 2.55 0.00	56.89 2.55 0.00	63.72 2.68 0.00	78.31 2.87 0.00	73.88 3.09 6.41	70.93 2.77 8.79	64.38 1.75 10.45	62.67 1.53 0.00	53.22 1.80 0.00	48.19 1.86 0.00

BAYONEEC___CTG8 323689	40.66 1.94 0.00	36.70 1.81 0.00	34.34 1.57 0.00	31.42 1.44 0.00	31.31 1.46 0.00	35.20 1.45 0.00	40.15 1.62 0.00	41.60 1.98 0.00	40.78 2.27 0.00	40.70 2.52 0.00	43.62 2.70 0.00	46.42 2.67 0.00	48.02 2.54 0.00	51.69 2.60 0.00	54.62 2.55 0.00	56.89 2.55 0.00	63.72 2.68 0.00	78.31 2.87 0.00	73.88 3.09 6.41	70.93 2.77 8.79	64.38 1.75 10.45	62.67 1.53 0.00	53.22 1.80 0.00	48.19 1.86 0.00
BAYONEEC___CTG9 323749	40.66 1.94 0.00	36.70 1.81 0.00	34.34 1.57 0.00	31.42 1.44 0.00	31.31 1.46 0.00	35.20 1.45 0.00	40.15 1.62 0.00	41.60 1.98 0.00	40.78 2.27 0.00	40.70 2.52 0.00	43.62 2.70 0.00	46.42 2.67 0.00	48.02 2.54 0.00	51.69 2.60 0.00	54.62 2.55 0.00	56.89 2.55 0.00	63.72 2.68 0.00	78.31 2.87 0.00	73.88 3.09 6.41	70.93 2.77 8.79	64.38 1.75 10.45	62.67 1.53 0.00	53.22 1.80 0.00	48.19 1.86 0.00
BEACON___LESR 323632	39.81 1.08 0.00	36.03 1.15 0.00	33.92 1.15 0.00	31.06 1.08 0.00	30.92 1.07 0.00	34.80 1.05 0.00	39.54 1.00 0.00	40.69 1.07 0.00	39.44 0.92 0.00	38.90 0.72 0.00	41.62 0.70 0.00	43.97 0.22 0.00	45.47 0.00 0.00	49.23 0.15 0.00	52.28 0.21 0.00	54.72 0.38 0.00	61.59 0.55 0.00	76.13 0.68 0.00	78.42 1.23 0.00	77.80 0.85 0.00	73.52 0.44 0.00	61.87 0.74 0.00	51.94 0.51 0.00	46.66 0.33 0.00
BEAVER RIVER___HYD 24048	40.04 1.32 0.00	36.00 1.12 0.00	33.82 1.05 0.00	30.88 0.90 0.00	30.71 0.87 0.00	34.83 1.08 0.00	39.85 1.31 0.00	40.77 1.15 0.00	39.32 0.81 0.00	38.75 0.57 0.00	41.54 0.61 0.00	44.50 0.74 0.00	46.33 0.86 0.00	50.12 1.03 0.00	53.06 0.99 0.00	55.31 0.98 0.00	62.26 1.22 0.00	77.56 2.11 0.00	80.36 3.17 0.00	80.65 3.69 0.00	76.15 3.07 0.00	63.59 2.45 0.00	53.02 1.60 0.00	47.68 1.34 0.00
BEEBEE_GT_13 23619	38.92 0.19 0.00	35.06 0.17 0.00	32.80 0.03 0.00	29.92 -0.06 0.00	29.82 -0.03 0.00	33.35 -0.41 0.00	37.57 -0.96 0.00	38.70 -0.91 0.00	37.97 -0.54 0.00	37.80 -0.38 0.00	40.76 -0.16 0.00	44.28 0.53 0.00	46.02 0.55 0.00	50.17 1.08 0.00	53.58 1.51 0.00	55.91 1.58 0.00	62.20 1.16 0.00	77.18 1.74 0.00	80.12 2.93 0.00	80.18 3.23 0.00	75.42 2.34 0.00	62.12 0.98 0.00	52.25 0.82 0.00	47.03 0.70 0.00
BENSHRST_27_KV_BENSHRST_1 355998	41.28 2.56 0.00	37.22 2.34 0.00	34.74 1.97 0.00	31.63 1.65 0.00	31.58 1.73 0.00	35.27 1.52 0.00	40.15 1.62 0.00	41.56 1.94 0.00	40.71 2.20 0.00	40.78 2.60 0.00	43.75 2.82 0.00	46.73 2.98 0.00	48.61 3.14 0.00	51.74 2.65 0.00	54.78 2.71 0.00	57.11 2.77 0.00	63.97 2.93 0.00	78.92 3.47 0.00	74.33 3.55 6.41	71.46 3.31 8.80	64.96 2.34 10.46	63.16 2.02 0.00	53.53 2.11 0.00	49.16 2.83 0.00
BETHLEHEM___GRP 23843	39.23 0.50 0.00	35.58 0.70 0.00	33.49 0.72 0.00	30.73 0.75 0.00	30.56 0.72 0.00	34.33 0.57 0.00	39.00 0.46 0.00	40.17 0.55 0.00	38.94 0.42 0.00	38.49 0.31 0.00	41.13 0.20 0.00	43.40 -0.35 0.00	45.02 -0.45 0.00	48.50 -0.59 0.00	51.50 -0.57 0.00	53.85 -0.49 0.00	60.55 -0.49 0.00	74.77 -0.68 0.00	76.73 -0.46 0.00	76.18 -0.77 0.00	72.13 -0.95 0.00	60.71 -0.43 0.00	51.12 -0.31 0.00	46.01 -0.32 0.00
BETHLEHEM___GS1 323560	39.23 0.50 0.00	35.58 0.70 0.00	33.49 0.72 0.00	30.73 0.75 0.00	30.56 0.72 0.00	34.33 0.57 0.00	39.00 0.46 0.00	40.17 0.55 0.00	38.94 0.42 0.00	38.48 0.30 0.00	41.13 0.21 0.00	43.36 -0.39 0.00	44.88 -0.59 0.00	48.50 -0.59 0.00	51.50 -0.57 0.00	53.79 -0.54 0.00	60.55 -0.49 0.00	74.69 -0.75 0.00	76.81 -0.38 0.00	76.26 -0.69 0.00	72.13 -0.95 0.00	60.71 -0.42 0.00	50.96 -0.46 0.00	45.92 -0.42 0.00
BETHLEHEM___GS2 323561	39.23 0.50 0.00	35.58 0.70 0.00	33.49 0.72 0.00	30.73 0.75 0.00	30.56 0.72 0.00	34.33 0.57 0.00	39.00 0.46 0.00	40.17 0.55 0.00	38.94 0.42 0.00	38.48 0.30 0.00	41.13 0.21 0.00	43.36 -0.39 0.00	44.88 -0.59 0.00	48.50 -0.59 0.00	51.50 -0.57 0.00	53.79 -0.54 0.00	60.55 -0.49 0.00	74.69 -0.75 0.00	76.81 -0.38 0.00	76.26 -0.69 0.00	72.13 -0.95 0.00	60.71 -0.42 0.00	50.96 -0.46 0.00	45.92 -0.42 0.00
BETHLEHEM___GS3 323562	39.23 0.50 0.00	35.58 0.70 0.00	33.49 0.72 0.00	30.73 0.75 0.00	30.56 0.72 0.00	34.33 0.57 0.00	39.00 0.46 0.00	40.17 0.55 0.00	38.94 0.42 0.00	38.48 0.30 0.00	41.13 0.21 0.00	43.36 -0.39 0.00	44.88 -0.59 0.00	48.50 -0.59 0.00	51.50 -0.57 0.00	53.79 -0.54 0.00	60.55 -0.49 0.00	74.69 -0.75 0.00	76.81 -0.38 0.00	76.26 -0.69 0.00	72.13 -0.95 0.00	60.71 -0.42 0.00	50.96 -0.46 0.00	45.92 -0.42 0.00
BETHLEHEM___STEEL 23779	38.92 0.19 0.00	35.16 0.28 0.00	32.67 -0.10 0.00	29.83 -0.15 0.00	29.79 -0.06 0.00	33.08 -0.68 0.00	36.57 -1.97 0.00	37.36 -2.26 0.00	37.19 -1.27 0.00	37.80 -0.99 0.00	39.82 -1.10 0.00	43.93 0.18 0.00	45.47 0.00 0.00	49.97 0.88 0.00	53.37 1.30 0.00	55.80 1.47 0.00	61.34 0.31 0.00	75.98 0.53 0.00	79.74 2.55 0.00	79.57 2.62 0.00	74.25 1.17 0.00	60.53 -0.61 0.00	51.27 -0.15 0.00	46.43 0.09 0.00
BETHLHEM_115KV_TB1 79974	39.27 0.54 0.00	35.58 0.70 0.00	33.52 0.75 0.00	30.73 0.75 0.00	30.56 0.72 0.00	34.36 0.61 0.00	39.04 0.50 0.00	40.21 0.59 0.00	38.97 0.46 0.00	38.52 0.34 0.00	41.17 0.25 0.00	43.49 -0.26 0.00	45.15 -0.32 0.00	48.64 -0.44 0.00	51.65 -0.42 0.00	54.01 -0.33 0.00	60.73 -0.31 0.00	74.92 -0.53 0.00	76.96 -0.23 0.00	76.41 -0.54 0.00	72.35 -0.73 0.00	60.89 -0.24 0.00	51.27 -0.15 0.00	46.11 -0.23 0.00
BETHPAGE_CC_5 323564	41.39 2.67 0.00	37.19 2.30 0.00	34.74 1.97 0.00	31.78 1.80 0.00	31.61 1.76 0.00	35.51 1.75 0.00	40.35 1.81 0.00	41.87 2.26 0.00	41.29 2.77 0.00	41.31 3.13 0.00	44.29 3.36 -0.01	46.20 2.45 0.00	47.20 1.73 0.00	50.65 1.62 0.06	53.50 1.56 0.13	56.05 1.85 0.14	63.08 2.14 0.09	77.70 2.41 0.16	79.89 2.70 0.00	78.69 1.77 0.03	69.65 0.58 4.01	61.87 0.74 0.01	50.89 0.77 1.31	47.17 0.83 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.96 0.23 0.00	35.16 0.28 0.00	32.67 -0.10 0.00	29.83 -0.15 0.00	29.82 -0.03 0.00	33.11 -0.64 0.00	36.61 -1.93 0.00	37.36 -2.26 0.00	37.28 -1.23 0.00	37.23 -0.95 0.00	39.86 -1.06 0.00	44.02 0.26 0.00	45.56 0.09 0.00	50.12 1.03 0.00	53.48 1.41 0.00	55.97 1.63 0.00	61.53 0.49 0.00	76.20 0.75 0.00	79.97 2.78 0.00	79.80 2.85 0.00	74.39 1.32 0.00	60.71 -0.43 0.00	51.37 -0.05 0.00	46.52 0.19 0.00
BINGHAMTON___COGEN 23790	39.15 0.43 0.00	35.27 0.38 0.00	33.06 0.29 0.00	30.25 0.27 0.00	30.14 0.30 0.00	33.89 0.14 0.00	38.30 -0.23 0.00	39.22 -0.40 0.00	38.32 -0.19 0.00	38.03 -0.15 0.00	40.80 -0.12 0.00	43.97 0.22 0.00	45.65 0.18 0.00	49.53 0.44 0.00	52.64 0.57 0.00	55.10 0.76 0.00	61.77 0.73 0.00	76.35 0.91 0.00	79.04 1.85 0.00	78.80 1.85 0.00	74.39 1.32 0.00	61.81 0.67 0.00	51.99 0.57 0.00	46.89 0.56 0.00

BIXINCNT_115KV_LOAD 355685	38.92 0.19 0.00	35.09 0.21 0.00	32.61 -0.16 0.00	29.74 -0.24 0.00	29.70 -0.15 0.00	33.01 -0.74 0.00	36.53 -2.00 0.00	37.24 -2.38 0.00	37.16 -1.35 0.00	37.19 -0.99 0.00	39.94 -0.98 0.00	44.06 0.31 0.00	45.70 0.23 0.00	50.26 1.18 0.00	53.48 1.41 0.00	56.02 1.68 0.00	61.71 0.67 0.00	76.35 0.91 0.00	80.12 2.93 0.00	79.95 3.00 0.00	74.61 1.53 0.00	60.77 -0.37 0.00	51.32 -0.10 0.00	46.57 0.23 0.00
BLACK RIVER___HYD 24047	40.47 1.74 0.00	36.38 1.50 0.00	34.21 1.44 0.00	31.18 1.20 0.00	31.01 1.16 0.00	35.17 1.42 0.00	40.15 1.62 0.00	41.00 1.39 0.00	39.51 1.00 0.00	38.87 0.69 0.00	41.66 0.74 0.00	44.71 0.96 0.00	46.56 1.09 0.00	50.36 1.27 0.00	53.42 1.35 0.00	55.80 1.47 0.00	62.87 1.83 0.00	78.54 3.09 0.00	81.82 4.63 0.00	82.34 5.38 0.00	77.83 4.75 0.00	64.93 3.79 0.00	54.15 2.72 0.00	48.65 2.32 0.00
BLACKRVR_115KV_TB2 79977	40.47 1.74 0.00	36.38 1.50 0.00	34.21 1.44 0.00	31.18 1.20 0.00	31.01 1.16 0.00	35.17 1.42 0.00	40.15 1.62 0.00	41.00 1.39 0.00	39.51 1.00 0.00	38.87 0.69 0.00	41.66 0.74 0.00	44.72 0.96 0.00	46.52 1.05 0.00	50.41 1.33 0.00	53.42 1.35 0.00	55.75 1.41 0.00	62.87 1.83 0.00	78.47 3.02 0.00	81.74 4.55 0.00	82.26 5.31 0.00	77.83 4.75 0.00	64.93 3.79 0.00	54.05 2.62 0.00	48.56 2.22 0.00
BLDWN_LI_69_KV_BK4 356085	41.47 2.75 0.00	37.26 2.37 0.00	34.80 2.03 0.00	31.81 1.83 0.00	31.67 1.82 0.00	35.57 1.82 0.00	40.42 1.89 0.00	42.03 2.42 0.00	41.36 2.85 0.00	41.39 3.21 0.00	44.32 3.40 0.00	46.95 3.19 0.00	48.70 3.23 0.00	51.24 2.16 0.01	54.30 2.24 0.01	56.89 2.55 0.00	64.09 3.05 0.00	78.77 3.32 0.00	80.66 3.47 0.00	79.49 2.54 0.00	72.09 1.46 2.44	62.72 1.59 0.01	52.17 1.54 0.80	48.47 2.13 0.00
BLISS_WT_PWR 323608	38.88 0.16 0.00	35.02 0.14 0.00	32.57 -0.20 0.00	29.65 -0.33 0.00	29.58 -0.27 0.00	32.98 -0.77 0.00	36.45 -2.08 0.00	37.28 -2.34 0.00	37.09 -1.42 0.00	37.19 -0.99 0.00	39.98 -0.94 0.00	44.10 0.35 0.00	46.74 1.27 0.00	50.51 1.42 0.00	53.74 1.67 0.00	56.24 1.90 0.00	62.01 0.97 0.00	77.04 1.59 0.00	80.90 3.71 0.00	80.33 3.38 0.00	74.68 1.61 0.00	60.77 -0.36 0.00	52.15 0.72 0.00	47.22 0.88 0.00
BLUESTONE___WT_PWR 323821	40.77 2.05 0.00	36.70 1.81 0.00	34.44 1.67 0.00	31.42 1.44 0.00	31.31 1.46 0.00	35.31 1.55 0.00	40.08 1.54 0.00	40.53 0.91 0.00	39.48 0.96 0.00	39.06 0.88 0.00	41.90 0.98 0.00	45.06 1.31 0.00	46.93 1.45 0.00	50.76 1.67 0.00	53.89 1.82 0.00	56.94 2.61 0.00	64.27 3.23 0.00	80.05 4.60 0.00	83.52 6.33 0.00	83.18 6.23 0.00	78.41 5.33 0.00	65.11 3.97 0.00	54.61 3.19 0.00	49.07 2.73 0.00
BLUE_CIRC_CHEM_DRP 24182	39.61 0.89 0.00	35.83 0.94 0.00	33.75 0.98 0.00	30.91 0.93 0.00	30.77 0.93 0.00	34.60 0.84 0.00	39.27 0.73 0.00	40.33 0.71 0.00	39.09 0.58 0.00	38.49 0.31 0.00	40.39 -0.53 0.34	42.54 -0.88 0.77	43.70 -1.00 1.76	46.20 -1.13 1.76	48.34 -1.15 2.59	49.97 -1.14 3.22	54.82 -1.16 5.06	73.92 -1.51 0.02	75.96 -1.24 0.00	75.57 -1.39 0.00	71.62 -1.46 0.00	60.28 -0.86 0.00	50.76 -0.67 0.00	45.67 -0.65 0.02
BOC_GAS_DRP 24189	39.34 0.62 0.00	35.58 0.70 0.00	33.46 0.69 0.00	30.67 0.69 0.00	30.53 0.69 0.00	34.33 0.57 0.00	39.04 0.50 0.00	40.17 0.55 0.00	39.01 0.50 0.00	38.60 0.42 0.00	41.25 0.33 0.00	43.86 0.09 -0.02	45.57 0.05 -0.05	49.15 -0.05 -0.11	52.23 0.00 -0.16	54.60 0.05 -0.21	61.42 0.06 -0.32	75.37 -0.08 0.00	77.27 0.08 0.00	76.80 -0.15 0.00	72.71 -0.37 0.00	61.14 0.00 0.00	51.53 0.10 0.00	46.38 0.05 0.00
BOONVILLE_115KV_TB1 79983	39.92 1.20 0.00	35.93 1.05 0.00	33.78 1.02 0.00	30.85 0.87 0.00	30.68 0.84 0.00	34.73 0.98 0.00	39.65 1.12 0.00	40.65 1.03 0.00	39.36 0.85 0.00	38.83 0.65 0.00	41.66 0.74 0.00	44.63 0.88 0.00	46.43 0.95 0.00	50.26 1.18 0.00	53.32 1.25 0.00	55.64 1.30 0.00	62.69 1.65 0.00	77.94 2.49 0.00	80.51 3.32 0.00	80.42 3.46 0.00	76.00 2.92 0.00	63.40 2.26 0.00	52.97 1.54 0.00	47.63 1.30 0.00
BORALEX_4TH_BRANCH 23824	40.47 1.74 0.00	36.70 1.81 0.00	34.51 1.74 0.00	31.63 1.65 0.00	31.52 1.67 0.00	35.34 1.59 0.00	40.31 1.77 0.00	41.36 1.74 0.00	39.94 1.42 0.00	39.63 1.45 0.00	42.31 1.39 0.00	45.02 1.27 0.00	46.74 1.27 0.00	50.31 1.23 0.00	53.42 1.35 0.00	55.97 1.63 0.00	62.99 1.95 0.00	77.64 2.19 0.00	79.97 2.78 0.00	79.26 2.31 0.00	74.98 1.90 0.00	63.46 2.32 0.00	53.43 2.01 0.00	48.01 1.67 0.00
BOWLINE___1 23526	40.23 1.51 0.00	36.35 1.46 0.00	34.05 1.28 0.00	31.15 1.17 0.00	31.04 1.20 0.00	34.90 1.15 0.00	39.73 1.20 0.00	41.04 1.42 0.00	40.13 1.62 0.00	39.98 1.79 0.00	42.85 1.92 0.00	45.55 1.79 0.00	47.15 1.68 0.00	50.85 1.76 0.00	53.84 1.77 0.00	56.18 1.85 0.00	63.11 2.08 0.00	77.79 2.34 0.00	79.73 2.54 0.00	79.26 2.31 0.00	74.46 1.39 0.00	62.42 1.29 0.00	52.76 1.33 0.00	47.63 1.30 0.00
BOWLINE___2 23595	40.20 1.47 0.00	36.32 1.43 0.00	34.05 1.28 0.00	31.15 1.17 0.00	31.04 1.20 0.00	34.90 1.15 0.00	39.69 1.16 0.00	41.00 1.39 0.00	40.13 1.62 0.00	39.94 1.76 0.00	42.81 1.88 0.00	45.50 1.75 0.00	47.11 1.63 0.00	50.80 1.72 0.00	53.79 1.72 0.00	56.07 1.74 0.00	62.99 1.95 0.00	77.64 2.19 0.00	79.66 2.47 0.00	79.10 2.15 0.00	74.32 1.24 0.00	62.30 1.16 0.00	52.66 1.23 0.00	47.54 1.20 0.00
BRADY___115KV_TB2 356060	39.54 0.81 0.00	35.51 0.63 0.00	33.39 0.62 0.00	30.49 0.51 0.00	30.29 0.45 0.00	34.56 0.81 0.00	39.73 1.19 0.00	40.73 1.11 0.00	39.24 0.73 0.00	38.83 0.65 0.00	41.62 0.70 0.00	44.50 0.74 0.00	46.34 0.86 0.00	50.02 0.93 0.00	52.80 0.73 0.00	54.66 0.33 0.00	61.34 0.31 0.00	75.90 0.45 0.00	77.58 0.39 0.00	78.03 1.08 0.00	74.69 1.61 0.00	62.79 1.65 0.00	52.66 1.23 0.00	47.50 1.16 0.00
BRANSCOMB___SOLAR 323811	40.47 1.74 0.00	36.52 1.64 0.00	34.37 1.61 0.00	31.42 1.44 0.00	31.34 1.49 0.00	35.27 1.52 0.00	40.15 1.62 0.00	41.16 1.54 0.00	39.67 1.15 0.00	39.17 0.99 0.00	41.74 0.82 0.00	44.50 0.74 0.00	46.06 0.59 0.00	49.82 0.74 0.00	53.06 0.99 0.00	55.53 1.19 0.00	62.62 1.58 0.00	77.71 2.26 0.00	80.58 3.39 0.00	80.18 3.23 0.00	76.15 3.07 0.00	64.07 2.93 0.00	53.69 2.26 0.00	48.14 1.81 0.00
BRDGHMPT_69_KV_BK1 55812	42.05 3.33 0.00	37.78 2.90 0.00	35.29 2.52 0.00	32.32 2.34 0.00	32.11 2.27 0.00	35.98 2.23 0.00	40.85 2.31 0.00	42.67 3.05 0.00	42.17 3.66 0.00	42.30 4.12 0.00	45.55 4.62 0.00	48.13 4.38 0.00	49.70 4.23 0.00	51.78 2.85 0.16	54.57 2.86 0.36	57.25 3.31 0.40	64.85 4.09 0.28	80.26 5.28 0.47	82.52 5.33 0.00	80.71 3.85 0.09	69.98 1.83 4.93	62.90 1.77 0.01	51.21 1.39 1.61	48.79 2.46 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	41.63 2.90 0.00	37.40 2.51 0.00	34.90 2.13 0.00	31.93 1.95 0.00	31.76 1.91 0.00	35.64 1.89 0.00	40.54 2.00 0.00	42.23 2.61 0.00	41.52 3.00 0.00	41.62 3.44 0.00	44.65 3.72 0.00	47.08 3.33 0.00	48.70 3.23 0.00	50.61 1.72 0.20	53.33 1.72 0.46	56.00 2.17 0.50	63.19 2.50 0.35	77.79 2.94 0.60	80.28 3.09 0.00	78.84 2.00 0.12	69.04 0.80 4.84	62.35 1.22 0.01	50.93 1.08 1.58	48.42 2.09 0.00
BRISTLHL_115KV_TB1 79998	38.18 -0.54 0.00	34.40 -0.49 0.00	32.28 -0.49 0.00	29.53 -0.45 0.00	29.43 -0.42 0.00	33.18 -0.57 0.00	37.69 -0.85 0.00	38.67 -0.95 0.00	37.67 -0.85 0.00	37.34 -0.84 0.00	40.06 -0.86 0.00	43.01 -0.74 0.00	44.65 -0.82 0.00	48.40 -0.69 0.00	51.45 -0.62 0.00	53.74 -0.60 0.00	60.37 -0.67 0.00	74.69 -0.75 0.00	76.88 -0.31 0.00	76.72 -0.23 0.00	72.64 -0.44 0.00	60.53 -0.61 0.00	50.86 -0.57 0.00	45.83 -0.51 0.00
BROOKHAVEN___DRP 24191	41.12 2.40 0.00	36.94 2.06 0.00	34.47 1.70 0.00	31.60 1.62 0.00	31.40 1.55 0.00	35.20 1.45 0.00	40.00 1.46 0.00	41.72 2.10 0.00	41.05 2.54 0.00	41.12 2.94 0.00	44.20 3.27 0.00	46.60 2.84 0.00	48.11 2.64 0.00	50.06 1.13 0.15	52.75 1.04 0.36	55.41 1.47 0.39	62.78 2.01 0.27	77.55 2.57 0.46	79.89 2.70 0.00	78.40 1.54 0.09	68.29 0.15 4.93	61.68 0.55 0.01	50.33 0.51 1.61	47.91 1.58 0.00
BROOKLYN_NAVY_YARD 23515	40.62 1.90 0.00	36.70 1.81 0.00	34.31 1.54 0.00	31.39 1.41 0.00	31.28 1.43 0.00	35.20 1.45 0.00	40.15 1.62 0.00	41.60 1.98 0.00	40.78 2.27 0.00	40.70 2.52 0.00	43.58 2.66 0.00	46.38 2.62 0.00	47.97 2.50 0.00	51.69 2.60 0.00	54.57 2.50 0.00	56.89 2.55 0.00	63.72 2.68 0.00	78.39 2.94 0.00	80.36 3.17 0.00	79.88 2.92 0.00	74.91 1.83 0.00	62.67 1.53 0.00	53.27 1.85 0.00	48.19 1.86 0.00
BROOKLYN___ARMY_DRP 323595	41.09 2.36 0.00	37.05 2.16 0.00	34.60 1.84 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.36 1.74 0.00	40.52 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.44 2.36 0.00	54.47 2.40 0.00	56.78 2.45 0.00	63.54 2.50 0.00	78.39 2.94 0.00	73.79 3.01 6.41	70.93 2.77 8.80	64.45 1.83 10.46	62.73 1.59 0.00	53.23 1.80 0.00	48.89 2.55 0.00
BROOME_2_LFGE 323671	39.15 0.43 0.00	35.27 0.38 0.00	33.06 0.29 0.00	30.22 0.24 0.00	30.14 0.30 0.00	33.89 0.14 0.00	38.31 -0.23 0.00	39.22 -0.40 0.00	38.32 -0.19 0.00	38.03 -0.15 0.00	40.80 -0.12 0.00	43.97 0.22 0.00	45.88 0.41 0.00	49.58 0.49 0.00	52.70 0.63 0.00	55.10 0.76 0.00	61.83 0.79 0.00	76.50 1.06 0.00	79.28 2.08 0.00	78.88 1.92 0.00	74.39 1.32 0.00	61.81 0.67 0.00	52.15 0.72 0.00	47.03 0.70 0.00
BROOME___LFGE 323600	39.15 0.43 0.00	35.27 0.38 0.00	33.06 0.29 0.00	30.22 0.24 0.00	30.14 0.30 0.00	33.89 0.14 0.00	38.31 -0.23 0.00	39.22 -0.40 0.00	38.32 -0.19 0.00	38.03 -0.15 0.00	40.80 -0.12 0.00	43.97 0.22 0.00	45.88 0.41 0.00	49.58 0.49 0.00	52.70 0.63 0.00	55.10 0.76 0.00	61.83 0.79 0.00	76.50 1.06 0.00	79.28 2.08 0.00	78.88 1.92 0.00	74.39 1.32 0.00	61.81 0.67 0.00	52.15 0.72 0.00	47.03 0.70 0.00
BROWNFLS_115KV_TB 3_5 80003	39.69 0.97 0.00	35.65 0.77 0.00	33.49 0.72 0.00	30.58 0.60 0.00	30.41 0.57 0.00	34.60 0.84 0.00	39.65 1.12 0.00	40.65 1.03 0.00	39.21 0.69 0.00	38.71 0.53 0.00	41.54 0.61 0.00	44.45 0.70 0.00	46.29 0.82 0.00	50.02 0.93 0.00	52.90 0.83 0.00	54.88 0.54 0.00	61.59 0.55 0.00	76.43 0.98 0.00	78.66 1.47 0.00	79.03 2.08 0.00	74.98 1.90 0.00	62.91 1.77 0.00	52.66 1.23 0.00	47.36 1.02 0.00
BROWNSV1_27_KV_LOAD 356125	41.05 2.32 0.00	37.05 2.16 0.00	34.64 1.87 0.00	31.66 1.68 0.00	31.58 1.73 0.00	35.51 1.76 0.00	40.50 1.97 0.00	41.99 2.38 0.00	41.17 2.66 0.00	41.08 2.90 0.00	44.03 3.11 0.00	46.90 3.15 0.00	48.75 3.27 0.00	52.23 3.14 0.00	55.25 3.18 0.00	57.60 3.26 0.00	64.58 3.54 0.00	79.45 4.00 0.00	81.28 4.09 0.00	80.72 3.77 0.00	75.86 2.78 0.00	63.46 2.32 0.00	53.95 2.52 0.00	48.89 2.55 0.00
BURROWS___LYONSDAL 23803	39.92 1.20 0.00	35.97 1.08 0.00	33.78 1.02 0.00	30.85 0.87 0.00	30.68 0.84 0.00	34.73 0.98 0.00	39.69 1.16 0.00	40.69 1.07 0.00	39.32 0.81 0.00	38.79 0.61 0.00	41.62 0.70 0.00	44.58 0.83 0.00	46.38 0.91 0.00	50.21 1.13 0.00	53.27 1.20 0.00	55.53 1.20 0.00	62.62 1.59 0.00	77.86 2.41 0.00	80.51 3.32 0.00	80.49 3.54 0.00	75.93 2.85 0.00	63.40 2.26 0.00	52.87 1.44 0.00	47.54 1.20 0.00
CAITHNESS_CC_1 323624	41.13 2.40 0.00	36.91 2.02 0.00	34.47 1.70 0.00	31.60 1.62 0.00	31.40 1.55 0.00	35.20 1.45 0.00	40.04 1.50 0.00	41.64 2.02 0.00	41.05 2.54 0.00	41.12 2.94 0.00	44.16 3.23 -0.01	46.03 2.27 0.00	46.74 1.27 0.00	50.06 1.13 0.15	52.71 0.99 0.35	55.25 1.30 0.38	62.60 1.83 0.27	77.33 2.34 0.46	79.81 2.63 0.00	78.32 1.46 0.09	68.15 0.00 4.93	61.56 0.43 0.01	50.13 0.31 1.61	46.89 0.56 0.00
CALPINE BETH_PAGE_GT4 24209	41.40 2.67 0.00	37.22 2.34 0.00	34.74 1.97 0.00	31.78 1.80 0.00	31.61 1.76 0.00	35.51 1.76 0.00	40.27 1.73 0.00	41.87 2.26 0.00	41.21 2.70 0.00	41.23 3.05 0.00	44.20 3.27 0.00	46.51 2.76 0.00	48.25 2.77 0.00	50.65 1.57 0.01	53.62 1.56 0.01	56.24 1.90 0.00	63.30 2.26 0.00	77.94 2.49 0.00	79.81 2.62 0.00	78.57 1.62 0.00	70.13 0.66 3.61	61.87 0.73 0.01	51.12 0.87 1.18	47.91 1.58 0.00
CALPINE_BETH_PAGE_GT_4 323586	41.39 2.67 0.00	37.22 2.34 0.00	34.74 1.97 0.00	31.78 1.80 0.00	31.61 1.76 0.00	35.51 1.75 0.00	40.27 1.74 0.00	41.79 2.18 0.00	41.21 2.69 0.00	41.24 3.06 0.00	44.21 3.28 -0.01	46.11 2.36 0.00	47.15 1.68 0.00	50.70 1.62 0.01	53.62 1.56 0.01	56.18 1.85 0.00	63.17 2.14 0.00	77.86 2.41 0.00	79.89 2.70 0.00	78.72 1.77 0.00	70.05 0.58 3.61	61.87 0.74 0.01	50.97 0.72 1.18	47.12 0.79 0.00
CALPINE_BP_GT1 23823	41.39 2.67 0.00	37.22 2.34 0.00	34.74 1.97 0.00	31.78 1.80 0.00	31.61 1.76 0.00	35.51 1.75 0.00	40.27 1.74 0.00	41.79 2.18 0.00	41.21 2.69 0.00	41.24 3.06 0.00	44.21 3.28 -0.01	46.11 2.36 0.00	47.15 1.68 0.00	50.70 1.62 0.01	53.62 1.56 0.01	56.18 1.85 0.00	63.17 2.14 0.00	77.86 2.41 0.00	79.89 2.70 0.00	78.72 1.77 0.00	70.05 0.58 3.61	61.87 0.74 0.01	50.97 0.72 1.18	47.12 0.79 0.00
CALSPAN___DRP 24200	38.92 0.19 0.00	35.16 0.28 0.00	32.67 -0.10 0.00	29.83 -0.15 0.00	29.79 -0.06 0.00	33.08 -0.68 0.00	36.57 -1.97 0.00	37.36 -2.26 0.00	37.24 -1.27 0.00	37.19 -0.99 0.00	39.82 -1.10 0.00	43.93 0.18 0.00	45.47 0.00 0.00	49.97 0.88 0.00	53.37 1.30 0.00	55.80 1.47 0.00	61.34 0.31 0.00	75.98 0.53 0.00	79.74 2.55 0.00	79.57 2.62 0.00	74.25 1.17 0.00	60.53 -0.61 0.00	51.27 -0.15 0.00	46.43 0.09 0.00

CALVERTON___SOLAR 323806	41.20 2.48 0.00	37.01 2.13 0.00	34.54 1.77 0.00	31.66 1.68 0.00	31.46 1.61 0.00	35.24 1.48 0.00	40.08 1.54 0.00	41.67 2.06 0.00	41.13 2.62 0.00	41.24 3.06 0.00	44.29 3.36 -0.01	46.16 2.40 0.00	46.88 1.41 0.00	50.21 1.27 0.15	52.85 1.14 0.36	55.46 1.52 0.39	62.84 2.08 0.28	77.78 2.79 0.47	80.28 3.09 0.00	78.78 1.92 0.09	68.52 0.37 4.93	61.80 0.67 0.01	50.28 0.46 1.61	47.03 0.70 0.00
CANDIGU_WT_PWR 323617	39.19 0.47 0.00	35.30 0.42 0.00	32.93 0.16 0.00	30.07 0.09 0.00	30.00 0.15 0.00	33.58 -0.17 0.00	37.46 -1.08 0.00	38.19 -1.42 0.00	37.47 -1.04 0.00	37.23 -0.95 0.00	39.94 -0.98 0.00	43.58 -0.17 0.00	45.79 0.32 0.00	49.38 0.30 0.00	52.54 0.47 0.00	54.93 0.60 0.00	61.16 0.12 0.00	76.05 0.60 0.00	79.59 2.40 0.00	79.49 2.54 0.00	74.54 1.46 0.00	61.20 0.06 0.00	51.99 0.57 0.00	47.08 0.74 0.00
CARR STREET_E_SYR 24060	38.41 -0.31 0.00	34.60 -0.28 0.00	32.44 -0.33 0.00	29.68 -0.30 0.00	29.58 -0.27 0.00	33.25 -0.51 0.00	37.77 -0.77 0.00	38.82 -0.79 0.00	37.82 -0.69 0.00	37.53 -0.65 0.00	40.31 -0.61 0.00	43.27 -0.48 0.00	45.06 -0.41 0.00	48.74 -0.34 0.00	51.81 -0.26 0.00	54.12 -0.22 0.00	60.79 -0.24 0.00	75.07 -0.38 0.00	77.42 0.23 0.00	77.11 0.15 0.00	72.93 -0.15 0.00	60.71 -0.42 0.00	51.12 -0.31 0.00	45.97 -0.37 0.00
CARTHAGE___PAPER 23857	40.23 1.51 0.00	36.18 1.29 0.00	33.98 1.21 0.00	31.00 1.02 0.00	30.83 0.98 0.00	35.00 1.25 0.00	40.04 1.50 0.00	40.92 1.31 0.00	39.44 0.92 0.00	38.83 0.65 0.00	41.62 0.70 0.00	44.58 0.83 0.00	46.43 0.96 0.00	50.16 1.08 0.00	53.17 1.10 0.00	55.42 1.09 0.00	62.50 1.46 0.00	77.93 2.49 0.00	80.90 3.71 0.00	81.34 4.38 0.00	76.95 3.87 0.00	64.19 3.06 0.00	53.53 2.11 0.00	48.10 1.76 0.00
CASSADAGA_WT_PWR 323784	39.57 0.85 0.00	35.69 0.80 0.00	32.83 0.07 0.00	29.89 -0.09 0.00	29.87 0.03 0.00	33.25 -0.51 0.00	36.92 -1.62 0.00	37.95 -1.66 0.00	37.90 -0.62 0.00	38.07 -0.11 0.00	40.84 -0.08 0.00	45.11 1.36 0.00	47.88 2.41 0.00	51.78 2.70 0.00	55.09 3.02 0.00	57.71 3.37 0.00	63.60 2.56 0.00	78.76 3.32 0.00	82.75 5.56 0.00	82.11 5.16 0.00	76.15 3.07 0.00	62.24 1.10 0.00	53.43 2.00 0.00	47.96 1.62 0.00
CE_DUNWOOD___DRP 24194	40.51 1.78 0.00	36.56 1.67 0.00	34.24 1.47 0.00	31.33 1.35 0.00	31.22 1.37 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.36 1.74 0.00	40.48 1.96 0.00	40.32 2.14 0.00	43.21 2.29 0.00	45.98 2.23 0.00	47.84 2.36 0.00	51.25 2.16 0.00	54.31 2.24 0.00	56.67 2.34 0.00	63.60 2.56 0.00	78.32 2.87 0.00	80.20 3.01 0.00	79.65 2.69 0.00	74.91 1.83 0.00	62.73 1.59 0.00	53.17 1.75 0.00	48.10 1.76 0.00
CE_MILLWOOD___DRP 24193	40.39 1.67 0.00	36.49 1.60 0.00	34.18 1.41 0.00	31.27 1.29 0.00	31.16 1.31 0.00	35.03 1.28 0.00	39.92 1.39 0.00	41.28 1.66 0.00	40.36 1.85 0.00	40.17 1.99 0.00	43.09 2.17 0.00	45.85 2.10 0.00	47.65 2.18 0.00	51.10 2.01 0.00	54.15 2.08 0.00	56.51 2.17 0.00	63.42 2.38 0.00	78.16 2.72 0.00	80.05 2.86 0.00	79.49 2.54 0.00	74.76 1.68 0.00	62.67 1.53 0.00	53.07 1.65 0.00	48.01 1.67 0.00
CE_NYC2_DRP 24202	40.89 2.17 0.00	36.91 2.02 0.00	34.51 1.74 0.00	31.45 1.47 0.00	31.40 1.55 0.00	35.14 1.38 0.00	40.04 1.50 0.00	41.44 1.82 0.00	40.63 2.12 0.00	40.66 2.48 0.00	43.58 2.66 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.49 2.41 0.00	54.46 2.40 0.00	56.78 2.45 0.00	63.42 2.38 0.00	78.01 2.57 0.00	73.32 2.55 6.41	70.46 2.31 8.80	64.08 1.46 10.46	62.42 1.28 0.00	53.23 1.80 0.00	48.65 2.32 0.00
CE_NYC_DRP 24195	40.74 2.01 0.00	36.77 1.88 0.00	34.41 1.64 0.00	31.45 1.47 0.00	31.37 1.52 0.00	35.27 1.52 0.00	40.23 1.70 0.00	41.68 2.06 0.00	40.82 2.31 0.00	40.74 2.56 0.00	43.66 2.74 0.00	46.51 2.76 0.00	48.34 2.86 0.00	51.74 2.65 0.00	54.73 2.66 0.00	57.11 2.77 0.00	63.97 2.93 0.00	78.62 3.17 0.00	80.43 3.24 0.00	79.95 3.00 0.00	75.12 2.05 0.00	62.91 1.77 0.00	53.48 2.06 0.00	48.47 2.13 0.00
CHAFFEE___LFGE 323603	39.00 0.27 0.00	35.20 0.31 0.00	32.70 -0.07 0.00	29.83 -0.15 0.00	29.82 -0.03 0.00	33.18 -0.57 0.00	36.69 -1.85 0.00	37.55 -2.06 0.00	37.32 -1.19 0.00	37.30 -0.88 0.00	39.94 -0.98 0.00	44.10 0.35 0.00	46.79 1.32 0.00	50.46 1.37 0.00	53.89 1.82 0.00	56.35 2.01 0.00	62.07 1.04 0.00	77.19 1.74 0.00	81.05 3.86 0.00	80.49 3.54 0.00	74.76 1.68 0.00	60.89 -0.24 0.00	52.45 1.03 0.00	47.40 1.07 0.00
CHATEAUG_35_KV_LOAD 355732	39.15 0.43 0.00	35.13 0.24 0.00	33.00 0.23 0.00	30.16 0.18 0.00	29.96 0.12 0.00	34.19 0.44 0.00	39.35 0.81 0.00	40.37 0.75 0.00	39.01 0.50 0.00	38.64 0.46 0.00	41.45 0.53 0.00	44.32 0.57 0.00	46.11 0.64 0.00	49.77 0.69 0.00	52.28 0.21 0.00	54.17 -0.16 0.00	60.92 -0.12 0.00	75.22 -0.23 0.00	76.57 -0.62 0.00	76.80 -0.15 0.00	73.37 0.29 0.00	61.26 0.12 0.00	51.37 -0.05 0.00	46.38 0.05 0.00
CHATEAUG_WT_PWR 323614	39.19 0.47 0.00	35.16 0.28 0.00	33.03 0.26 0.00	30.19 0.21 0.00	30.03 0.18 0.00	34.22 0.47 0.00	39.38 0.85 0.00	40.41 0.79 0.00	39.09 0.58 0.00	38.75 0.57 0.00	41.58 0.65 0.00	44.50 0.74 0.00	46.29 0.82 0.00	49.58 0.49 0.00	52.17 0.10 0.00	54.23 -0.11 0.00	60.92 -0.12 0.00	75.22 -0.23 0.00	76.34 -0.85 0.00	76.57 -0.38 0.00	73.22 0.15 0.00	61.14 0.00 0.00	51.27 -0.15 0.00	46.43 0.09 0.00
CHAT_HIGH_FALL_HYD 323578	39.15 0.43 0.00	35.13 0.24 0.00	33.00 0.23 0.00	30.16 0.18 0.00	29.96 0.12 0.00	34.19 0.44 0.00	39.35 0.81 0.00	40.37 0.75 0.00	39.01 0.50 0.00	38.64 0.46 0.00	41.45 0.53 0.00	44.32 0.57 0.00	46.11 0.64 0.00	49.77 0.69 0.00	52.28 0.21 0.00	54.17 -0.16 0.00	60.92 -0.12 0.00	75.22 -0.23 0.00	76.57 -0.62 0.00	76.80 -0.15 0.00	73.37 0.29 0.00	61.26 0.12 0.00	51.37 -0.05 0.00	46.38 0.05 0.00
CHAUTAUQUA___LFGE 323629	39.34 0.62 0.00	35.48 0.59 0.00	32.87 0.10 0.00	29.95 -0.03 0.00	29.93 0.09 0.00	33.28 -0.47 0.00	36.88 -1.66 0.00	37.72 -1.90 0.00	37.55 -0.96 0.00	37.57 -0.61 0.00	40.27 -0.66 0.00	44.45 0.70 0.00	47.11 1.63 0.00	50.85 1.76 0.00	54.21 2.14 0.00	56.72 2.39 0.00	62.50 1.46 0.00	77.93 2.49 0.00	81.82 4.63 0.00	81.26 4.31 0.00	75.49 2.41 0.00	61.57 0.43 0.00	52.97 1.54 0.00	47.78 1.44 0.00
CHERRYST_13_KV_LD 356241	40.85 2.13 0.00	36.87 1.99 0.00	34.51 1.74 0.00	31.54 1.56 0.00	31.46 1.61 0.00	35.37 1.62 0.00	40.39 1.85 0.00	41.83 2.22 0.00	41.02 2.50 0.00	40.93 2.75 0.00	43.87 2.95 0.00	46.73 2.98 0.00	48.56 3.09 0.00	52.03 2.95 0.00	54.99 2.92 0.00	57.38 3.04 0.00	64.27 3.24 0.00	78.99 3.55 0.00	80.82 3.63 0.00	80.26 3.31 0.00	75.42 2.34 0.00	63.09 1.96 0.00	53.64 2.21 0.00	48.61 2.27 0.00

CHESTROR_138KV_BK263 355645	40.04 1.32 0.00	36.18 1.29 0.00	33.88 1.11 0.00	31.03 1.05 0.00	30.92 1.07 0.00	34.76 1.01 0.00	39.54 1.00 0.00	40.80 1.19 0.00	39.86 1.35 0.00	39.63 1.45 0.00	42.44 1.51 0.00	45.24 1.49 0.00	47.06 1.59 0.00	50.56 1.47 0.00	53.58 1.51 0.00	55.97 1.63 0.00	62.93 1.89 0.00	77.64 2.19 0.00	79.58 2.39 0.00	79.11 2.15 0.00	74.47 1.39 0.00	62.42 1.28 0.00	52.76 1.34 0.00	47.63 1.30 0.00
CH_MIDHUDSON___DRP 24192	40.39 1.67 0.00	36.49 1.60 0.00	34.21 1.44 0.00	31.33 1.35 0.00	31.19 1.34 0.00	35.07 1.32 0.00	39.92 1.39 0.00	41.20 1.58 0.00	40.17 1.66 0.00	39.94 1.76 0.00	42.76 1.84 0.00	45.55 1.79 0.00	47.43 1.96 0.00	51.00 1.91 0.00	54.10 2.03 0.00	56.51 2.17 0.00	63.60 2.56 0.00	78.47 3.02 0.00	80.43 3.24 0.00	79.88 2.92 0.00	75.12 2.05 0.00	63.09 1.96 0.00	53.28 1.85 0.00	48.05 1.71 0.00
CH_MISC_IPPS 23765	40.58 1.86 0.00	36.66 1.78 0.00	34.34 1.57 0.00	31.45 1.47 0.00	31.31 1.46 0.00	35.20 1.45 0.00	40.04 1.50 0.00	41.32 1.70 0.00	40.29 1.77 0.00	40.05 1.87 0.00	42.89 1.96 0.00	45.68 1.92 0.00	47.47 2.00 0.00	51.34 2.26 0.00	54.47 2.40 0.00	56.89 2.55 0.00	64.03 2.99 0.00	79.07 3.62 0.00	81.20 4.01 0.00	80.80 3.85 0.00	75.78 2.71 0.00	63.52 2.38 0.00	53.58 2.16 0.00	48.24 1.90 0.00
CH_RES_BVR_FALLS 23983	38.72 0.00 0.00	34.85 -0.03 0.00	32.74 -0.03 0.00	29.95 -0.03 0.00	29.79 -0.06 0.00	33.75 0.00 0.00	38.61 0.08 0.00	39.70 0.08 0.00	38.51 0.00 0.00	38.18 0.00 0.00	40.92 0.00 0.00	43.75 0.00 0.00	45.47 0.00 0.00	49.04 -0.05 0.00	51.91 -0.16 0.00	54.07 -0.27 0.00	60.73 -0.30 0.00	75.07 -0.38 0.00	76.57 -0.62 0.00	76.49 -0.46 0.00	72.71 -0.36 0.00	60.71 -0.42 0.00	50.96 -0.46 0.00	45.87 -0.46 0.00
CH_RES_NIAGARA 23895	37.68 -1.05 0.00	34.12 -0.77 0.00	31.69 -1.08 0.00	28.93 -1.05 0.00	28.89 -0.96 0.00	32.03 -1.72 0.00	35.38 -3.16 0.00	36.25 -3.37 0.00	36.20 -2.31 0.00	36.04 -2.14 0.00	38.51 -2.41 0.00	42.57 -1.18 0.00	43.93 -1.55 0.00	48.20 -0.88 0.00	51.55 -0.52 0.00	53.85 -0.49 0.00	58.96 -2.08 0.00	72.88 -2.57 0.00	76.50 -0.69 0.00	76.34 -0.62 0.00	71.32 -1.75 0.00	58.14 -3.00 0.00	49.47 -1.95 0.00	44.76 -1.58 0.00
CH_RES_SYRACUSE 23985	38.61 -0.12 0.00	34.78 -0.10 0.00	32.64 -0.13 0.00	29.83 -0.15 0.00	29.73 -0.12 0.00	33.52 -0.23 0.00	38.08 -0.46 0.00	39.10 -0.52 0.00	38.09 -0.42 0.00	37.76 -0.42 0.00	40.55 -0.37 0.00	43.54 -0.22 0.00	45.38 -0.09 0.00	49.09 0.00 0.00	52.17 0.10 0.00	54.50 0.16 0.00	61.22 0.18 0.00	75.83 0.38 0.00	78.27 1.08 0.00	77.95 1.00 0.00	73.73 0.66 0.00	61.38 0.25 0.00	51.63 0.21 0.00	46.43 0.09 0.00
CLINTON_WT_PWR 323605	39.19 0.47 0.00	35.16 0.28 0.00	33.03 0.26 0.00	30.19 0.21 0.00	30.03 0.18 0.00	34.22 0.47 0.00	39.38 0.85 0.00	40.41 0.79 0.00	39.09 0.58 0.00	38.75 0.57 0.00	41.58 0.65 0.00	44.50 0.74 0.00	46.29 0.82 0.00	49.58 0.49 0.00	52.17 0.10 0.00	54.23 -0.11 0.00	60.92 -0.12 0.00	75.22 -0.23 0.00	76.34 -0.85 0.00	76.57 -0.38 0.00	73.22 0.15 0.00	61.14 0.00 0.00	51.27 -0.15 0.00	46.43 0.09 0.00
CLINTON___LFGE 323618	40.16 1.43 0.00	36.00 1.12 0.00	33.79 1.02 0.00	30.88 0.90 0.00	30.71 0.87 0.00	35.00 1.25 0.00	40.27 1.74 0.00	41.28 1.66 0.00	39.94 1.43 0.00	39.63 1.45 0.00	42.56 1.64 0.00	45.59 1.84 0.00	47.43 1.95 0.00	50.46 1.37 0.00	52.80 0.73 0.00	54.77 0.43 0.00	61.65 0.61 0.00	76.13 0.68 0.00	77.34 0.15 0.00	77.80 0.85 0.00	74.46 1.39 0.00	61.99 0.86 0.00	52.09 0.67 0.00	47.50 1.16 0.00
COBBLENY_34_KV_TB1 80064	39.00 0.27 0.00	35.20 0.31 0.00	32.70 -0.07 0.00	29.86 -0.12 0.00	29.85 0.00 0.00	33.18 -0.57 0.00	36.69 -1.85 0.00	37.44 -2.18 0.00	37.32 -1.19 0.00	37.30 -0.88 0.00	39.94 -0.98 0.00	44.10 0.35 0.00	45.65 0.18 0.00	50.21 1.13 0.00	53.63 1.56 0.00	56.13 1.79 0.00	61.71 0.67 0.00	76.43 0.98 0.00	80.28 3.09 0.00	80.03 3.08 0.00	74.61 1.53 0.00	60.83 -0.31 0.00	51.48 0.05 0.00	46.62 0.28 0.00
COFFEEN___115KV_TB3 355620	40.66 1.94 0.00	36.56 1.67 0.00	34.37 1.61 0.00	31.33 1.35 0.00	31.16 1.31 0.00	35.34 1.59 0.00	40.35 1.81 0.00	41.16 1.55 0.00	39.63 1.12 0.00	38.98 0.80 0.00	41.78 0.86 0.00	44.85 1.09 0.00	46.65 1.18 0.00	50.56 1.47 0.00	53.58 1.51 0.00	55.97 1.63 0.00	63.11 2.08 0.00	78.84 3.40 0.00	82.28 5.09 0.00	82.96 6.00 0.00	78.56 5.48 0.00	65.48 4.34 0.00	54.46 3.03 0.00	48.93 2.59 0.00
COLDSPRG_115KV_BK1 355956	39.54 0.81 0.00	35.62 0.73 0.00	32.97 0.20 0.00	30.07 0.09 0.00	30.11 0.27 0.00	33.48 -0.27 0.00	37.19 -1.35 0.00	38.11 -1.51 0.00	38.01 -0.50 0.00	38.18 0.00 0.00	40.92 0.00 0.00	45.11 1.36 0.00	46.88 1.41 0.00	51.64 2.55 0.00	54.73 2.66 0.00	57.32 2.99 0.00	63.17 2.14 0.00	77.64 2.19 0.00	81.59 4.40 0.00	81.34 4.39 0.00	75.78 2.70 0.00	61.99 0.86 0.00	52.30 0.87 0.00	47.45 1.11 0.00
COLONIE_LFGE___ 323577	40.08 1.35 0.00	36.24 1.36 0.00	34.11 1.34 0.00	31.24 1.26 0.00	31.10 1.25 0.00	34.97 1.21 0.00	39.81 1.27 0.00	40.88 1.27 0.00	39.55 1.04 0.00	39.17 0.99 0.00	41.82 0.90 0.00	44.50 0.74 0.00	46.11 0.64 0.00	49.87 0.78 0.00	52.95 0.88 0.00	55.42 1.09 0.00	62.38 1.34 0.00	77.04 1.59 0.00	79.50 2.31 0.00	78.95 2.00 0.00	74.68 1.61 0.00	62.91 1.77 0.00	52.76 1.33 0.00	47.50 1.16 0.00
COOPERNY_115KV_TB1 80082	39.69 0.97 0.00	35.83 0.94 0.00	33.59 0.82 0.00	30.73 0.75 0.00	30.62 0.78 0.00	34.46 0.71 0.00	39.23 0.69 0.00	40.53 0.91 0.00	39.51 1.00 0.00	39.29 1.11 0.00	42.11 1.19 0.00	44.89 1.14 0.00	46.70 1.23 0.00	50.21 1.13 0.00	53.22 1.15 0.00	55.53 1.20 0.00	62.38 1.34 0.00	76.96 1.51 0.00	78.97 1.78 0.00	78.49 1.54 0.00	74.10 1.02 0.00	62.06 0.92 0.00	52.40 0.98 0.00	47.26 0.93 0.00
COPENHAGEN_WT_PWR 323753	40.23 1.51 0.00	36.18 1.29 0.00	34.01 1.24 0.00	31.03 1.05 0.00	30.86 1.02 0.00	34.97 1.21 0.00	39.92 1.39 0.00	40.77 1.15 0.00	39.32 0.81 0.00	38.71 0.53 0.00	41.50 0.57 0.00	44.54 0.79 0.00	46.38 0.91 0.00	50.16 1.08 0.00	53.21 1.14 0.00	55.59 1.25 0.00	62.62 1.58 0.00	78.09 2.64 0.00	81.36 4.17 0.00	81.73 4.77 0.00	77.31 4.24 0.00	64.50 3.36 0.00	53.79 2.37 0.00	48.37 2.04 0.00
CORNELL_____ 23752	39.46 0.74 0.00	35.55 0.66 0.00	33.29 0.52 0.00	30.46 0.48 0.00	30.35 0.51 0.00	34.19 0.44 0.00	38.77 0.23 0.00	39.85 0.24 0.00	38.78 0.27 0.00	38.29 0.11 0.00	41.09 0.16 0.00	44.19 0.44 0.00	45.93 0.45 0.00	49.82 0.74 0.00	52.96 0.89 0.00	55.31 0.98 0.00	62.26 1.22 0.00	77.26 1.81 0.00	80.28 3.09 0.00	80.11 3.16 0.00	75.86 2.78 0.00	62.97 1.83 0.00	52.76 1.34 0.00	47.45 1.11 0.00

CORONA__69_KV_TB1 355595	41.36 2.63 0.00	37.19 2.30 0.00	34.74 1.97 0.00	31.78 1.80 0.00	31.64 1.79 0.00	35.54 1.79 0.00	40.42 1.89 0.00	42.03 2.42 0.00	41.32 2.81 0.00	41.35 3.17 0.00	44.24 3.31 0.00	46.99 3.24 0.00	48.75 3.27 0.00	51.34 2.26 0.01	54.51 2.45 0.01	57.11 2.77 0.00	64.27 3.24 0.00	79.22 3.77 0.00	81.13 3.94 0.00	80.03 3.08 0.00	74.63 2.05 0.49	62.97 1.83 0.01	53.06 1.80 0.16	48.56 2.22 0.00
CORTLAND__115KV_TB3 80093	39.07 0.35 0.00	35.20 0.31 0.00	33.00 0.23 0.00	30.16 0.18 0.00	30.08 0.24 0.00	33.85 0.10 0.00	38.38 -0.15 0.00	39.42 -0.20 0.00	38.40 -0.12 0.00	38.03 -0.15 0.00	40.80 -0.12 0.00	43.88 0.13 0.00	45.56 0.09 0.00	49.38 0.29 0.00	52.49 0.42 0.00	54.82 0.49 0.00	61.65 0.61 0.00	76.35 0.91 0.00	78.97 1.78 0.00	78.80 1.85 0.00	74.54 1.46 0.00	61.99 0.86 0.00	52.04 0.62 0.00	46.85 0.51 0.00
COXSACKIE__GT 23611	40.70 1.97 0.00	36.84 1.95 0.00	34.64 1.87 0.00	31.72 1.74 0.00	31.58 1.73 0.00	35.51 1.75 0.00	40.23 1.69 0.00	41.16 1.54 0.00	39.59 1.08 0.00	38.71 0.53 0.00	41.09 0.16 0.00	43.54 0.22 0.43	44.67 0.18 0.98	47.34 0.49 2.24	49.66 0.88 3.30	51.32 1.09 4.10	56.31 1.71 6.44	78.07 2.64 0.02	80.51 3.32 0.00	80.33 3.38 0.00	75.85 2.78 0.00	63.89 2.75 0.00	53.38 1.95 0.00	47.98 1.67 0.02
CPV_VALLEY__CC1 323721	39.77 1.05 0.00	35.90 1.01 0.00	33.65 0.89 0.00	30.82 0.84 0.00	30.71 0.87 0.00	34.53 0.78 0.00	39.31 0.77 0.00	40.57 0.95 0.00	39.59 1.08 0.00	39.40 1.22 0.00	42.19 1.27 0.00	44.93 1.18 0.00	46.56 1.09 0.00	50.26 1.18 0.00	53.21 1.14 0.00	55.53 1.19 0.00	62.38 1.34 0.00	76.96 1.51 0.00	78.97 1.78 0.00	78.49 1.54 0.00	73.88 0.81 0.00	61.93 0.79 0.00	52.25 0.82 0.00	47.12 0.79 0.00
CPV_VALLEY__CC2 323722	39.77 1.05 0.00	35.90 1.01 0.00	33.65 0.89 0.00	30.82 0.84 0.00	30.71 0.87 0.00	34.53 0.78 0.00	39.31 0.77 0.00	40.57 0.95 0.00	39.59 1.08 0.00	39.40 1.22 0.00	42.19 1.27 0.00	44.93 1.18 0.00	46.56 1.09 0.00	50.26 1.18 0.00	53.21 1.14 0.00	55.53 1.19 0.00	62.38 1.34 0.00	76.96 1.51 0.00	78.97 1.78 0.00	78.49 1.54 0.00	73.88 0.81 0.00	61.93 0.79 0.00	52.25 0.82 0.00	47.12 0.79 0.00
CRESCENT__HYD 24018	40.08 1.35 0.00	36.24 1.36 0.00	34.11 1.34 0.00	31.24 1.26 0.00	31.10 1.25 0.00	34.97 1.21 0.00	39.81 1.27 0.00	40.88 1.27 0.00	39.55 1.04 0.00	39.17 0.99 0.00	41.82 0.90 0.00	44.50 0.74 0.00	46.11 0.64 0.00	49.87 0.78 0.00	52.95 0.88 0.00	55.42 1.09 0.00	62.38 1.34 0.00	77.04 1.59 0.00	79.50 2.31 0.00	78.95 2.00 0.00	74.68 1.61 0.00	62.91 1.77 0.00	52.76 1.33 0.00	47.50 1.16 0.00
CRICKET__VALLEY_CC1 323756	39.93 1.20 0.00	36.14 1.25 0.00	33.88 1.11 0.00	31.06 1.08 0.00	30.95 1.10 0.00	34.73 0.98 0.00	39.58 1.04 0.00	40.80 1.19 0.00	39.71 1.20 0.00	39.48 1.30 0.00	42.23 1.31 0.00	44.89 1.14 0.00	46.47 1.00 0.00	50.16 1.08 0.00	53.11 1.04 0.00	55.48 1.14 0.00	62.32 1.28 0.00	76.81 1.36 0.00	78.89 1.70 0.00	78.34 1.39 0.00	73.66 0.58 0.00	62.06 0.92 0.00	52.30 0.87 0.00	47.17 0.83 0.00
CRICKET__VALLEY_CC2 323757	39.93 1.20 0.00	36.14 1.25 0.00	33.88 1.11 0.00	31.06 1.08 0.00	30.95 1.10 0.00	34.73 0.98 0.00	39.58 1.04 0.00	40.80 1.19 0.00	39.71 1.20 0.00	39.48 1.30 0.00	42.23 1.31 0.00	44.89 1.14 0.00	46.47 1.00 0.00	50.16 1.08 0.00	53.11 1.04 0.00	55.48 1.14 0.00	62.32 1.28 0.00	76.81 1.36 0.00	78.89 1.70 0.00	78.34 1.39 0.00	73.66 0.58 0.00	62.06 0.92 0.00	52.30 0.87 0.00	47.17 0.83 0.00
CRICKET__VALLEY_CC3 323758	39.93 1.20 0.00	36.14 1.25 0.00	33.88 1.11 0.00	31.06 1.08 0.00	30.95 1.10 0.00	34.73 0.98 0.00	39.58 1.04 0.00	40.80 1.19 0.00	39.71 1.20 0.00	39.48 1.30 0.00	42.23 1.31 0.00	44.89 1.14 0.00	46.47 1.00 0.00	50.16 1.08 0.00	53.11 1.04 0.00	55.48 1.14 0.00	62.32 1.28 0.00	76.81 1.36 0.00	78.89 1.70 0.00	78.34 1.39 0.00	73.66 0.58 0.00	62.06 0.92 0.00	52.30 0.87 0.00	47.17 0.83 0.00
CRUCIBLE__METL_DRP 24180	38.61 -0.12 0.00	34.78 -0.10 0.00	32.64 -0.13 0.00	29.83 -0.15 0.00	29.73 -0.12 0.00	33.52 -0.24 0.00	38.07 -0.46 0.00	39.10 -0.52 0.00	38.09 -0.42 0.00	37.76 -0.42 0.00	40.55 -0.37 0.00	43.53 -0.22 0.00	45.24 -0.23 0.00	49.04 -0.05 0.00	52.12 0.05 0.00	54.44 0.11 0.00	61.22 0.18 0.00	75.75 0.30 0.00	78.12 0.93 0.00	77.88 0.92 0.00	73.74 0.66 0.00	61.38 0.24 0.00	51.53 0.10 0.00	46.34 0.00 0.00
DAHOWA__HYDRO 323763	40.58 1.86 0.00	36.59 1.71 0.00	34.47 1.70 0.00	31.51 1.53 0.00	31.43 1.58 0.00	35.37 1.62 0.00	40.27 1.74 0.00	41.28 1.66 0.00	39.78 1.27 0.00	39.25 1.07 0.00	41.82 0.90 0.00	44.58 0.83 0.00	46.11 0.64 0.00	49.92 0.83 0.00	53.17 1.10 0.00	55.69 1.36 0.00	62.81 1.77 0.00	78.02 2.57 0.00	81.12 3.93 0.00	80.65 3.69 0.00	76.66 3.58 0.00	64.44 3.30 0.00	53.94 2.52 0.00	48.33 1.99 0.00
DANC__LFGE 323619	39.46 0.73 0.00	35.51 0.63 0.00	33.36 0.59 0.00	30.43 0.45 0.00	30.29 0.45 0.00	34.26 0.51 0.00	39.08 0.54 0.00	39.93 0.32 0.00	38.67 0.15 0.00	38.14 -0.04 0.00	40.92 0.00 0.00	43.88 0.13 0.00	45.75 0.27 0.00	49.43 0.35 0.00	52.48 0.41 0.00	54.82 0.49 0.00	61.65 0.61 0.00	76.73 1.28 0.00	79.50 2.31 0.00	79.72 2.77 0.00	75.42 2.34 0.00	62.91 1.77 0.00	52.71 1.29 0.00	47.40 1.07 0.00
DANSKAMMER__1 23586	40.58 1.86 0.00	36.66 1.78 0.00	34.34 1.57 0.00	31.45 1.47 0.00	31.31 1.46 0.00	35.20 1.45 0.00	40.04 1.50 0.00	41.32 1.70 0.00	40.29 1.77 0.00	40.05 1.87 0.00	42.89 1.96 0.00	45.68 1.92 0.00	47.47 2.00 0.00	51.34 2.26 0.00	54.47 2.40 0.00	56.89 2.55 0.00	64.03 2.99 0.00	79.07 3.62 0.00	81.20 4.01 0.00	80.80 3.85 0.00	75.78 2.71 0.00	63.52 2.38 0.00	53.58 2.16 0.00	48.24 1.90 0.00
DANSKAMMER__2 23589	40.58 1.86 0.00	36.66 1.78 0.00	34.34 1.57 0.00	31.45 1.47 0.00	31.31 1.46 0.00	35.20 1.45 0.00	40.04 1.50 0.00	41.32 1.70 0.00	40.29 1.77 0.00	40.05 1.87 0.00	42.89 1.96 0.00	45.68 1.92 0.00	47.47 2.00 0.00	51.34 2.26 0.00	54.47 2.40 0.00	56.89 2.55 0.00	64.03 2.99 0.00	79.07 3.62 0.00	81.20 4.01 0.00	80.80 3.85 0.00	75.78 2.71 0.00	63.52 2.38 0.00	53.58 2.16 0.00	48.24 1.90 0.00
DANSKAMMER__3 23590	40.58 1.86 0.00	36.66 1.78 0.00	34.34 1.57 0.00	31.45 1.47 0.00	31.31 1.46 0.00	35.20 1.45 0.00	40.04 1.50 0.00	41.32 1.70 0.00	40.29 1.77 0.00	40.05 1.87 0.00	42.89 1.96 0.00	45.68 1.92 0.00	47.47 2.00 0.00	51.34 2.26 0.00	54.47 2.40 0.00	56.89 2.55 0.00	64.03 2.99 0.00	79.07 3.62 0.00	81.20 4.01 0.00	80.80 3.85 0.00	75.78 2.71 0.00	63.52 2.38 0.00	53.58 2.16 0.00	48.24 1.90 0.00

DANSKAMMER___4 23591	40.58 1.86 0.00	36.66 1.78 0.00	34.34 1.57 0.00	31.45 1.47 0.00	31.31 1.46 0.00	35.20 1.45 0.00	40.04 1.50 0.00	41.32 1.70 0.00	40.29 1.77 0.00	40.05 1.87 0.00	42.89 1.96 0.00	45.68 1.92 0.00	47.47 2.00 0.00	51.34 2.26 0.00	54.47 2.40 0.00	56.89 2.55 0.00	64.03 2.99 0.00	79.07 3.62 0.00	81.20 4.01 0.00	80.80 3.85 0.00	75.78 2.71 0.00	63.52 2.38 0.00	53.58 2.16 0.00	48.24 1.90 0.00
DANSKAMMER___DIESEL 23592	40.58 1.86 0.00	36.66 1.78 0.00	34.34 1.57 0.00	31.45 1.47 0.00	31.31 1.46 0.00	35.20 1.45 0.00	40.04 1.50 0.00	41.32 1.70 0.00	40.28 1.77 0.00	40.05 1.87 0.00	42.89 1.96 0.00	45.72 1.97 0.00	47.70 2.23 0.00	51.29 2.21 0.00	54.47 2.40 0.00	56.89 2.55 0.00	64.09 3.05 0.00	79.15 3.70 0.00	81.13 3.94 0.00	80.57 3.62 0.00	75.78 2.70 0.00	63.58 2.45 0.00	53.69 2.26 0.00	48.38 2.04 0.00
DARBY___SOLAR 323810	40.47 1.74 0.00	36.49 1.61 0.00	34.37 1.61 0.00	31.42 1.44 0.00	31.34 1.49 0.00	35.27 1.52 0.00	40.15 1.62 0.00	41.16 1.54 0.00	39.67 1.15 0.00	39.17 0.99 0.00	41.74 0.82 0.00	44.45 0.70 0.00	46.02 0.55 0.00	49.82 0.74 0.00	53.06 0.99 0.00	55.53 1.19 0.00	62.62 1.58 0.00	77.79 2.34 0.00	80.74 3.55 0.00	80.26 3.31 0.00	76.22 3.14 0.00	64.13 3.00 0.00	53.69 2.26 0.00	48.14 1.81 0.00
DASHVILLE___HYD 23610	40.00 1.28 0.00	36.14 1.26 0.00	33.88 1.11 0.00	31.00 1.02 0.00	30.89 1.04 0.00	34.70 0.95 0.00	39.46 0.92 0.00	40.69 1.07 0.00	39.67 1.16 0.00	39.44 1.26 0.00	42.27 1.35 0.00	45.35 1.71 0.10	47.19 1.96 0.24	50.46 1.91 0.54	53.30 2.03 0.80	55.51 2.17 1.00	62.04 2.56 1.56	78.31 2.87 0.01	79.81 2.62 0.00	79.26 2.31 0.00	74.61 1.53 0.00	62.61 1.47 0.00	52.92 1.49 0.00	48.00 1.67 0.01
DELAWARE___LFGE 323621	39.73 1.01 0.00	35.83 0.94 0.00	33.65 0.88 0.00	30.79 0.81 0.00	30.65 0.81 0.00	34.53 0.78 0.00	39.23 0.69 0.00	40.17 0.55 0.00	39.13 0.62 0.00	38.75 0.57 0.00	41.58 0.65 0.00	44.54 0.79 0.00	46.29 0.82 0.00	50.02 0.93 0.00	53.06 0.99 0.00	55.59 1.25 0.00	62.44 1.40 0.00	77.26 1.81 0.00	79.51 2.32 0.00	79.11 2.15 0.00	74.83 1.75 0.00	62.61 1.47 0.00	52.66 1.23 0.00	47.45 1.11 0.00
DERFIELD_115KV_TB7 355931	38.88 0.15 0.00	35.06 0.17 0.00	32.97 0.20 0.00	30.13 0.15 0.00	29.99 0.15 0.00	33.89 0.14 0.00	38.61 0.08 0.00	39.73 0.12 0.00	38.59 0.08 0.00	38.26 0.08 0.00	41.00 0.08 0.00	43.80 0.04 0.00	45.52 0.05 0.00	49.13 0.05 0.00	52.12 0.05 0.00	54.44 0.11 0.00	61.16 0.12 0.00	75.60 0.15 0.00	77.50 0.31 0.00	77.18 0.23 0.00	73.15 0.07 0.00	61.26 0.12 0.00	51.53 0.10 0.00	46.38 0.05 0.00
DOGLEVILLE___HYD 23807	38.88 0.15 0.00	35.06 0.17 0.00	32.93 0.16 0.00	30.10 0.12 0.00	29.96 0.12 0.00	33.85 0.10 0.00	38.61 0.08 0.00	39.66 0.04 0.00	38.51 0.00 0.00	38.14 -0.04 0.00	40.88 -0.04 0.00	43.75 0.00 0.00	45.43 -0.05 0.00	49.04 -0.05 0.00	52.07 0.00 0.00	54.39 0.05 0.00	61.16 0.12 0.00	75.67 0.23 0.00	77.73 0.54 0.00	77.41 0.46 0.00	73.37 0.29 0.00	61.38 0.24 0.00	51.53 0.10 0.00	46.34 0.00 0.00
DUNKIRK__115KV_TB_200 55889	39.27 0.54 0.00	35.44 0.56 0.00	32.83 0.07 0.00	29.95 -0.03 0.00	29.93 0.09 0.00	33.28 -0.47 0.00	36.88 -1.66 0.00	37.56 -2.06 0.00	37.47 -1.04 0.00	37.45 -0.73 0.00	40.15 -0.78 0.00	44.32 0.57 0.00	45.93 0.45 0.00	50.46 1.37 0.00	53.84 1.77 0.00	56.35 2.01 0.00	62.01 0.98 0.00	76.96 1.51 0.00	80.82 3.63 0.00	80.65 3.69 0.00	75.27 2.19 0.00	61.44 0.31 0.00	51.94 0.51 0.00	46.89 0.56 0.00
DUNKIRK___1 23563	39.27 0.54 0.00	35.44 0.56 0.00	32.83 0.07 0.00	29.95 -0.03 0.00	29.93 0.09 0.00	33.28 -0.47 0.00	36.88 -1.66 0.00	37.56 -2.06 0.00	37.47 -1.04 0.00	37.45 -0.73 0.00	40.15 -0.78 0.00	44.32 0.57 0.00	45.93 0.45 0.00	50.46 1.37 0.00	53.84 1.77 0.00	56.35 2.01 0.00	62.01 0.98 0.00	76.96 1.51 0.00	80.82 3.63 0.00	80.65 3.69 0.00	75.27 2.19 0.00	61.44 0.31 0.00	51.94 0.51 0.00	46.89 0.56 0.00
DUNKIRK___2 23564	39.27 0.54 0.00	35.44 0.56 0.00	32.83 0.07 0.00	29.95 -0.03 0.00	29.93 0.09 0.00	33.28 -0.47 0.00	36.88 -1.66 0.00	37.56 -2.06 0.00	37.47 -1.04 0.00	37.45 -0.73 0.00	40.15 -0.78 0.00	44.32 0.57 0.00	45.93 0.45 0.00	50.46 1.37 0.00	53.84 1.77 0.00	56.35 2.01 0.00	62.01 0.98 0.00	76.96 1.51 0.00	80.82 3.63 0.00	80.65 3.69 0.00	75.27 2.19 0.00	61.44 0.31 0.00	51.94 0.51 0.00	46.89 0.56 0.00
DUNKIRK___3 23565	39.07 0.35 0.00	35.27 0.38 0.00	32.74 -0.03 0.00	29.86 -0.12 0.00	29.85 0.00 0.00	33.14 -0.61 0.00	36.72 -1.81 0.00	37.44 -2.18 0.00	37.32 -1.19 0.00	37.26 -0.92 0.00	39.94 -0.98 0.00	44.06 0.31 0.00	45.61 0.14 0.00	50.12 1.03 0.00	53.48 1.41 0.00	55.97 1.63 0.00	61.59 0.55 0.00	76.35 0.91 0.00	80.20 3.01 0.00	80.03 3.08 0.00	74.61 1.53 0.00	60.96 -0.18 0.00	51.58 0.15 0.00	46.66 0.32 0.00
DUNKIRK___4 23566	39.07 0.35 0.00	35.27 0.38 0.00	32.74 -0.03 0.00	29.86 -0.12 0.00	29.85 0.00 0.00	33.14 -0.61 0.00	36.72 -1.81 0.00	37.44 -2.18 0.00	37.32 -1.19 0.00	37.26 -0.92 0.00	39.94 -0.98 0.00	44.06 0.31 0.00	45.61 0.14 0.00	50.12 1.03 0.00	53.48 1.41 0.00	55.97 1.63 0.00	61.59 0.55 0.00	76.35 0.91 0.00	80.20 3.01 0.00	80.03 3.08 0.00	74.61 1.53 0.00	60.96 -0.18 0.00	51.58 0.15 0.00	46.66 0.32 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.58 1.86 0.00	36.63 1.74 0.00	34.31 1.54 0.00	31.39 1.41 0.00	31.28 1.43 0.00	35.17 1.42 0.00	40.08 1.54 0.00	41.48 1.86 0.00	40.59 2.08 0.00	40.43 2.25 0.00	43.38 2.46 0.00	46.16 2.41 0.00	47.97 2.50 0.00	51.39 2.31 0.00	54.47 2.40 0.00	56.84 2.50 0.00	63.72 2.69 0.00	78.47 3.02 0.00	80.35 3.16 0.00	79.80 2.85 0.00	75.05 1.97 0.00	62.85 1.71 0.00	53.28 1.85 0.00	48.24 1.90 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.35 1.63 0.00	36.45 1.57 0.00	34.15 1.38 0.00	31.24 1.26 0.00	31.13 1.28 0.00	35.00 1.25 0.00	39.81 1.27 0.00	41.08 1.47 0.00	40.09 1.58 0.00	39.86 1.68 0.00	42.68 1.76 0.00	45.50 1.75 0.00	47.43 1.96 0.00	51.00 1.91 0.00	54.10 2.03 0.00	56.51 2.17 0.00	63.60 2.56 0.00	78.47 3.02 0.00	80.43 3.24 0.00	79.95 3.00 0.00	75.20 2.12 0.00	63.03 1.90 0.00	53.28 1.85 0.00	48.05 1.71 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	40.97 2.25 0.00	36.98 2.09 0.00	34.54 1.77 0.00	31.45 1.47 0.00	31.40 1.55 0.00	35.03 1.28 0.00	39.92 1.39 0.00	41.28 1.66 0.00	40.48 1.96 0.00	40.51 2.33 0.00	43.42 2.50 0.00	46.33 2.58 0.00	48.15 2.68 0.00	51.25 2.16 0.00	54.26 2.19 0.00	56.62 2.28 0.00	63.42 2.38 0.00	78.09 2.64 0.00	79.81 2.62 0.01	79.33 2.39 0.01	74.60 1.53 0.01	62.54 1.41 0.00	53.33 1.90 0.00	48.75 2.41 0.00

E179THST_13_KV_LOAD 356214	41.20 2.48 0.00	37.15 2.27 0.00	34.70 1.93 0.00	31.60 1.62 0.00	31.55 1.70 0.00	35.20 1.45 0.00	40.12 1.58 0.00	41.52 1.90 0.00	40.67 2.16 0.00	40.74 2.56 0.00	43.71 2.78 0.00	46.60 2.84 0.00	48.47 3.00 0.00	51.59 2.50 0.00	54.62 2.55 0.00	57.00 2.66 0.00	63.91 2.87 0.00	78.69 3.24 0.00	80.42 3.24 0.01	79.95 3.00 0.01	75.12 2.05 0.01	62.91 1.77 0.00	53.69 2.26 0.00	49.02 2.69 0.00
EAST HAMPTON___GT 23717	42.56 3.83 0.00	38.27 3.38 0.00	35.75 2.98 0.00	32.73 2.76 0.00	32.53 2.69 0.00	36.45 2.70 0.00	41.35 2.81 0.00	43.14 3.52 0.00	42.79 4.27 0.00	42.95 4.77 0.00	46.25 5.32 -0.01	48.35 4.59 0.00	49.15 3.68 0.00	52.56 3.63 0.16	55.25 3.54 0.36	57.85 3.91 0.40	65.40 4.64 0.28	81.08 6.11 0.47	83.29 6.10 0.00	81.24 4.38 0.09	70.19 2.04 4.93	62.96 1.83 0.01	51.00 1.18 1.61	47.91 1.58 0.00
EAST RIVER___6 23660	40.74 2.01 0.00	36.77 1.88 0.00	34.41 1.64 0.00	31.45 1.47 0.00	31.37 1.52 0.00	35.27 1.52 0.00	40.19 1.66 0.00	41.60 1.98 0.00	40.82 2.31 0.00	40.70 2.52 0.00	43.62 2.70 0.00	46.47 2.71 0.00	48.06 2.59 0.00	51.78 2.70 0.00	54.67 2.60 0.00	57.00 2.66 0.00	63.85 2.81 0.00	78.47 3.02 0.00	80.36 3.17 0.00	79.95 3.00 0.00	75.05 1.97 0.00	62.85 1.71 0.00	53.33 1.90 0.00	48.28 1.95 0.00
EAST RIVER___7 23524	40.74 2.01 0.00	36.77 1.88 0.00	34.41 1.64 0.00	31.45 1.47 0.00	31.37 1.52 0.00	35.27 1.52 0.00	40.19 1.66 0.00	41.60 1.98 0.00	40.82 2.31 0.00	40.70 2.52 0.00	43.62 2.70 0.00	46.47 2.71 0.00	48.06 2.59 0.00	51.78 2.70 0.00	54.67 2.60 0.00	57.00 2.66 0.00	63.85 2.81 0.00	78.47 3.02 0.00	80.36 3.17 0.00	79.95 3.00 0.00	75.05 1.97 0.00	62.85 1.71 0.00	53.33 1.90 0.00	48.28 1.95 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.51 1.78 0.00	36.56 1.67 0.00	34.24 1.47 0.00	31.33 1.35 0.00	31.22 1.37 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.36 1.74 0.00	40.48 1.96 0.00	40.32 2.14 0.00	43.21 2.29 0.00	45.98 2.23 0.00	47.84 2.36 0.00	51.25 2.16 0.00	54.31 2.24 0.00	56.67 2.34 0.00	63.60 2.56 0.00	78.32 2.87 0.00	80.20 3.01 0.00	79.65 2.69 0.00	74.91 1.83 0.00	62.73 1.59 0.00	53.17 1.75 0.00	48.10 1.76 0.00
EAST_HAMPTON___DIESEL 23722	42.56 3.83 0.00	38.27 3.38 0.00	35.75 2.98 0.00	32.77 2.79 0.00	32.53 2.69 0.00	36.48 2.73 0.00	41.35 2.81 0.00	43.14 3.52 0.00	42.79 4.27 0.00	42.95 4.77 0.00	46.25 5.32 -0.01	48.35 4.59 0.00	49.15 3.68 0.00	52.56 3.63 0.16	55.25 3.54 0.36	57.79 3.86 0.40	65.34 4.58 0.28	81.01 6.04 0.47	83.13 5.94 0.00	81.17 4.31 0.09	70.05 1.90 4.93	62.84 1.71 0.01	50.90 1.08 1.61	47.86 1.53 0.00
EAST_POINT___SOLAR 323840	41.63 2.91 0.00	37.40 2.51 0.00	35.23 2.46 0.00	32.14 2.16 0.00	32.14 2.30 0.00	36.25 2.50 0.00	40.73 2.20 0.00	40.64 1.03 0.00	38.59 0.08 0.00	38.07 -0.11 0.00	40.88 -0.04 0.00	43.40 -0.35 0.00	45.02 -0.45 0.00	49.04 -0.05 0.00	52.64 0.57 0.00	55.15 0.82 0.00	62.19 1.16 0.00	78.09 2.64 0.00	81.98 4.79 0.00	83.49 6.54 0.00	80.02 6.95 0.00	66.95 5.81 0.00	56.00 4.58 0.00	50.05 3.71 0.00
EAST_PULASKI___ESR 323781	38.69 -0.04 0.00	34.85 -0.03 0.00	32.70 -0.07 0.00	29.89 -0.09 0.00	29.79 -0.06 0.00	33.62 -0.13 0.00	38.27 -0.27 0.00	39.10 -0.52 0.00	37.97 -0.54 0.00	37.57 -0.61 0.00	40.31 -0.61 0.00	43.23 -0.52 0.00	45.02 -0.45 0.00	48.69 -0.39 0.00	51.71 -0.36 0.00	54.01 -0.32 0.00	60.73 -0.30 0.00	75.37 -0.08 0.00	77.80 0.61 0.00	77.72 0.77 0.00	73.52 0.44 0.00	61.32 0.18 0.00	51.53 0.10 0.00	46.52 0.19 0.00
EAST_RIVER___1 323558	40.74 2.01 0.00	36.77 1.88 0.00	34.41 1.64 0.00	31.45 1.47 0.00	31.37 1.52 0.00	35.27 1.52 0.00	40.23 1.69 0.00	41.64 2.02 0.00	40.82 2.31 0.00	40.74 2.56 0.00	43.66 2.74 0.00	46.47 2.71 0.00	48.06 2.59 0.00	51.78 2.70 0.00	54.72 2.65 0.00	57.05 2.72 0.00	63.91 2.87 0.00	78.62 3.17 0.00	80.51 3.32 0.00	80.03 3.08 0.00	75.12 2.04 0.00	62.91 1.77 0.00	53.33 1.90 0.00	48.28 1.95 0.00
EAST_RIVER___2 323559	40.74 2.01 0.00	36.77 1.88 0.00	34.41 1.64 0.00	31.45 1.47 0.00	31.37 1.52 0.00	35.27 1.52 0.00	40.19 1.66 0.00	41.60 1.98 0.00	40.82 2.31 0.00	40.70 2.52 0.00	43.62 2.70 0.00	46.47 2.71 0.00	48.06 2.59 0.00	51.78 2.70 0.00	54.67 2.60 0.00	57.00 2.66 0.00	63.85 2.81 0.00	78.47 3.02 0.00	80.36 3.17 0.00	79.95 3.00 0.00	75.05 1.97 0.00	62.85 1.71 0.00	53.33 1.90 0.00	48.28 1.95 0.00
EAST___DELAWARE_HYD 23607	40.12 1.39 0.00	36.21 1.33 0.00	33.92 1.15 0.00	31.03 1.05 0.00	30.89 1.04 0.00	34.76 1.01 0.00	39.58 1.04 0.00	40.80 1.19 0.00	39.82 1.31 0.00	39.55 1.37 0.00	42.35 1.43 0.00	45.21 1.49 0.03	46.94 1.55 0.08	50.68 1.76 0.17	53.68 1.87 0.26	55.97 1.95 0.32	62.91 2.38 0.50	78.54 3.09 0.00	80.82 3.63 0.00	80.42 3.47 0.00	75.49 2.41 0.00	63.22 2.08 0.00	53.27 1.85 0.00	47.91 1.58 0.00
EIGHT_POINT___WT_PWR 323820	39.62 0.89 0.00	35.65 0.77 0.00	33.23 0.46 0.00	30.34 0.36 0.00	30.29 0.45 0.00	33.89 0.14 0.00	37.80 -0.73 0.00	38.51 -1.11 0.00	37.78 -0.73 0.00	37.53 -0.65 0.00	40.31 -0.61 0.00	44.02 0.26 0.00	46.33 0.86 0.00	50.02 0.93 0.00	53.11 1.04 0.00	55.48 1.14 0.00	61.83 0.79 0.00	76.96 1.51 0.00	80.90 3.71 0.00	80.72 3.77 0.00	75.63 2.56 0.00	61.87 0.74 0.00	52.40 0.97 0.00	47.40 1.07 0.00
ELBRIDGE_115KV_TB2 80188	38.45 -0.27 0.00	34.64 -0.24 0.00	32.47 -0.29 0.00	29.71 -0.27 0.00	29.61 -0.24 0.00	33.35 -0.41 0.00	37.84 -0.69 0.00	38.90 -0.71 0.00	37.90 -0.62 0.00	37.57 -0.61 0.00	40.35 -0.57 0.00	43.32 -0.44 0.00	45.02 -0.45 0.00	48.79 -0.29 0.00	51.86 -0.21 0.00	54.17 -0.16 0.00	60.85 -0.18 0.00	75.30 -0.15 0.00	77.73 0.54 0.00	77.49 0.54 0.00	73.37 0.29 0.00	61.08 -0.06 0.00	51.32 -0.10 0.00	46.20 -0.14 0.00
ELEC_TRO_TEK 24086	41.09 2.36 0.00	36.94 2.06 0.00	34.54 1.77 0.00	31.60 1.62 0.00	31.43 1.58 0.00	35.30 1.55 0.00	40.19 1.66 0.00	41.76 2.14 0.00	41.05 2.54 0.00	41.04 2.86 0.00	43.91 2.99 0.00	46.55 2.80 0.00	48.29 2.82 0.00	50.95 1.87 0.01	53.94 1.87 0.01	56.51 2.17 0.00	63.54 2.50 0.00	78.24 2.79 0.00	80.12 2.93 0.00	79.11 2.15 0.00	73.09 1.17 1.16	62.23 1.10 0.01	52.28 1.23 0.38	48.10 1.76 0.00
ELLENBURG_WT_PWR 323604	39.19 0.47 0.00	35.16 0.28 0.00	33.03 0.26 0.00	30.19 0.21 0.00	30.03 0.18 0.00	34.22 0.47 0.00	39.38 0.85 0.00	40.41 0.79 0.00	39.09 0.58 0.00	38.75 0.57 0.00	41.58 0.65 0.00	44.50 0.74 0.00	46.29 0.82 0.00	49.58 0.49 0.00	52.17 0.10 0.00	54.23 -0.11 0.00	60.92 -0.12 0.00	75.22 -0.23 0.00	76.34 -0.85 0.00	76.57 -0.38 0.00	73.22 0.15 0.00	61.14 0.00 0.00	51.27 -0.15 0.00	46.43 0.09 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	38.72 0.00 0.00	35.02 0.14 0.00	32.54 -0.23 0.00	29.71 -0.27 0.00	29.67 -0.18 0.00	32.94 -0.81 0.00	36.42 -2.12 0.00	37.20 -2.42 0.00	37.09 -1.42 0.00	37.03 -1.15 0.00	39.61 -1.31 0.00	43.75 0.00 0.00	45.24 -0.23 0.00	49.67 0.59 0.00	53.11 1.04 0.00	55.53 1.20 0.00	60.98 -0.06 0.00	75.45 0.00 0.00	79.20 2.01 0.00	79.03 2.08 0.00	73.74 0.66 0.00	60.16 -0.98 0.00	51.01 -0.41 0.00	46.15 -0.19 0.00
EMPIRE_CC_1 323656	39.38 0.66 0.00	35.79 0.91 0.00	33.72 0.95 0.00	30.91 0.93 0.00	30.77 0.93 0.00	34.49 0.74 0.00	39.23 0.69 0.00	40.25 0.63 0.00	39.01 0.50 0.00	38.64 0.46 0.00	41.29 0.37 0.00	43.84 0.09 0.00	45.38 -0.09 0.00	49.04 -0.05 0.00	52.07 0.00 0.00	54.34 0.00 0.00	61.10 0.06 0.00	75.37 -0.08 0.00	77.50 0.31 0.00	76.95 0.00 0.00	72.71 -0.36 0.00	61.38 0.25 0.00	51.53 0.10 0.00	46.48 0.14 0.00
EMPIRE_CC_2 323658	39.38 0.66 0.00	35.79 0.91 0.00	33.72 0.95 0.00	30.91 0.93 0.00	30.77 0.93 0.00	34.49 0.74 0.00	39.23 0.69 0.00	40.25 0.63 0.00	39.01 0.50 0.00	38.64 0.46 0.00	41.29 0.37 0.00	43.84 0.09 0.00	45.38 -0.09 0.00	49.04 -0.05 0.00	52.07 0.00 0.00	54.34 0.00 0.00	61.10 0.06 0.00	75.37 -0.08 0.00	77.50 0.31 0.00	76.95 0.00 0.00	72.71 -0.36 0.00	61.38 0.25 0.00	51.53 0.10 0.00	46.48 0.14 0.00
ENORWICH_115KV_TB1 80156	41.36 2.63 0.00	37.22 2.34 0.00	34.90 2.13 0.00	31.84 1.86 0.00	31.70 1.85 0.00	35.78 2.03 0.00	40.62 2.08 0.00	42.86 3.25 0.00	41.05 2.54 0.00	40.05 1.87 0.00	42.89 1.96 0.00	46.51 2.76 0.00	48.34 2.86 0.00	52.77 3.68 0.00	55.92 3.85 0.00	57.27 2.93 0.00	64.82 3.78 0.00	81.03 5.58 0.00	84.91 7.72 0.00	84.80 7.85 0.00	80.09 7.02 0.00	66.34 5.20 0.00	55.18 3.75 0.00	49.53 3.20 0.00
ERIE_ST__34_KV_TB1-2 80199	38.88 0.15 0.00	35.06 0.17 0.00	32.57 -0.20 0.00	29.74 -0.24 0.00	29.73 -0.12 0.00	33.04 -0.71 0.00	36.53 -2.00 0.00	37.20 -2.42 0.00	37.13 -1.39 0.00	37.11 -1.07 0.00	39.74 -1.19 0.00	43.88 0.13 0.00	45.47 0.00 0.00	50.12 1.03 0.00	53.53 1.46 0.00	56.07 1.74 0.00	61.71 0.67 0.00	76.50 1.06 0.00	80.28 3.09 0.00	80.03 3.08 0.00	74.54 1.46 0.00	60.77 -0.37 0.00	51.37 -0.05 0.00	46.57 0.23 0.00
ERIE_WT_PWR 323693	38.96 0.23 0.00	35.16 0.28 0.00	32.70 -0.07 0.00	29.80 -0.18 0.00	29.76 -0.09 0.00	33.11 -0.64 0.00	36.61 -1.93 0.00	37.48 -2.14 0.00	37.28 -1.23 0.00	37.19 -0.99 0.00	39.82 -1.10 0.00	43.97 0.22 0.00	46.61 1.14 0.00	50.22 1.13 0.00	53.63 1.56 0.00	56.07 1.74 0.00	61.77 0.74 0.00	76.81 1.36 0.00	80.67 3.48 0.00	80.11 3.16 0.00	74.39 1.32 0.00	60.65 -0.49 0.00	52.30 0.87 0.00	47.26 0.93 0.00
ESPRGFLD_115KV_TB1 80157	40.82 2.09 0.00	36.70 1.81 0.00	34.51 1.74 0.00	31.48 1.50 0.00	31.43 1.58 0.00	35.44 1.69 0.00	40.23 1.70 0.00	41.00 1.39 0.00	39.63 1.12 0.00	39.17 0.99 0.00	42.03 1.10 0.00	45.11 1.36 0.00	46.88 1.41 0.00	50.80 1.72 0.00	54.05 1.98 0.00	56.62 2.28 0.00	63.78 2.75 0.00	79.45 4.00 0.00	82.44 5.25 0.00	82.49 5.54 0.00	78.27 5.19 0.00	65.30 4.16 0.00	54.72 3.29 0.00	49.12 2.78 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.42 0.70 0.00	35.48 0.59 0.00	33.26 0.49 0.00	30.43 0.45 0.00	30.32 0.48 0.00	34.16 0.41 0.00	38.73 0.19 0.00	39.81 0.20 0.00	38.74 0.23 0.00	38.29 0.11 0.00	41.05 0.12 0.00	44.15 0.39 0.00	45.88 0.41 0.00	49.77 0.69 0.00	52.90 0.83 0.00	55.20 0.87 0.00	62.14 1.10 0.00	77.11 1.66 0.00	80.05 2.86 0.00	79.88 2.92 0.00	75.64 2.56 0.00	62.79 1.65 0.00	52.66 1.23 0.00	47.36 1.02 0.00
ETNA____115KV_TB2 80207	39.42 0.70 0.00	35.48 0.59 0.00	33.26 0.49 0.00	30.43 0.45 0.00	30.32 0.48 0.00	34.16 0.41 0.00	38.73 0.19 0.00	39.81 0.20 0.00	38.74 0.23 0.00	38.29 0.11 0.00	41.05 0.12 0.00	44.15 0.39 0.00	45.88 0.41 0.00	49.77 0.69 0.00	52.90 0.83 0.00	55.20 0.87 0.00	62.14 1.10 0.00	77.11 1.66 0.00	80.05 2.86 0.00	79.88 2.92 0.00	75.64 2.56 0.00	62.79 1.65 0.00	52.66 1.23 0.00	47.36 1.02 0.00
EUCLID__115KV_TB2 356179	38.26 -0.46 0.00	34.47 -0.42 0.00	32.34 -0.43 0.00	29.59 -0.39 0.00	29.46 -0.39 0.00	33.18 -0.57 0.00	37.73 -0.81 0.00	38.74 -0.87 0.00	37.78 -0.73 0.00	37.45 -0.73 0.00	40.23 -0.70 0.00	43.18 -0.57 0.00	44.88 -0.59 0.00	48.59 -0.49 0.00	51.65 -0.42 0.00	53.96 -0.38 0.00	60.61 -0.43 0.00	74.92 -0.53 0.00	77.11 -0.08 0.00	76.80 -0.15 0.00	72.71 -0.37 0.00	60.59 -0.55 0.00	50.91 -0.51 0.00	45.83 -0.51 0.00
E_CANADA_CAP_HY 24051	41.39 2.67 0.00	37.19 2.30 0.00	35.00 2.23 0.00	31.96 1.98 0.00	31.93 2.09 0.00	36.01 2.26 0.00	40.77 2.23 0.00	41.36 1.74 0.00	39.67 1.15 0.00	39.10 0.91 0.00	41.90 0.98 0.00	44.71 0.96 0.00	46.47 1.00 0.00	50.41 1.33 0.00	53.84 1.77 0.00	56.40 2.06 0.00	63.60 2.56 0.00	79.52 4.07 0.00	82.98 5.79 0.00	83.42 6.46 0.00	79.36 6.29 0.00	66.33 5.19 0.00	55.54 4.12 0.00	49.72 3.38 0.00
E_CANADA_MHWK_HY 24050	38.88 0.16 0.00	35.06 0.18 0.00	32.93 0.16 0.00	30.10 0.12 0.00	29.96 0.12 0.00	33.85 0.10 0.00	38.61 0.08 0.00	39.66 0.04 0.00	38.51 0.00 0.00	38.14 -0.04 0.00	40.88 -0.04 0.00	43.75 0.00 0.00	45.38 -0.09 0.00	49.09 0.00 0.00	52.07 0.00 0.00	54.39 0.05 0.00	61.16 0.12 0.00	75.68 0.23 0.00	77.80 0.61 0.00	77.50 0.54 0.00	73.37 0.29 0.00	61.38 0.25 0.00	51.48 0.05 0.00	46.34 0.00 0.00
E_FISHKILL__LBMP 23776	40.20 1.47 0.00	36.31 1.43 0.00	34.01 1.25 0.00	31.15 1.17 0.00	31.04 1.19 0.00	34.90 1.15 0.00	39.73 1.19 0.00	41.04 1.43 0.00	40.05 1.54 0.00	39.86 1.68 0.00	42.72 1.80 0.00	45.46 1.71 0.00	47.24 1.77 0.00	50.71 1.62 0.00	53.68 1.61 0.00	56.07 1.74 0.00	62.99 1.95 0.00	77.56 2.11 0.00	79.51 2.32 0.00	78.95 2.00 0.00	74.32 1.24 0.00	62.36 1.22 0.00	52.81 1.39 0.00	47.68 1.34 0.00
FALCON__SEABRD_CC1 323796	40.12 1.39 0.00	35.97 1.08 0.00	33.79 1.02 0.00	30.85 0.87 0.00	30.71 0.87 0.00	35.00 1.25 0.00	40.27 1.74 0.00	41.28 1.66 0.00	39.98 1.46 0.00	39.63 1.45 0.00	42.56 1.64 0.00	45.59 1.84 0.00	47.47 2.00 0.00	50.26 1.18 0.00	52.44 0.37 0.00	54.44 0.11 0.00	61.22 0.18 0.00	75.60 0.15 0.00	76.73 -0.46 0.00	77.11 0.15 0.00	73.73 0.66 0.00	61.45 0.31 0.00	51.79 0.36 0.00	47.45 1.11 0.00
FALCON__SEABRD_CC2 323797	40.12 1.39 0.00	35.97 1.08 0.00	33.79 1.02 0.00	30.85 0.87 0.00	30.71 0.87 0.00	35.00 1.25 0.00	40.27 1.74 0.00	41.28 1.66 0.00	39.98 1.46 0.00	39.63 1.45 0.00	42.56 1.64 0.00	45.59 1.84 0.00	47.47 2.00 0.00	50.26 1.18 0.00	52.44 0.37 0.00	54.44 0.11 0.00	61.22 0.18 0.00	75.60 0.15 0.00	76.73 -0.46 0.00	77.11 0.15 0.00	73.73 0.66 0.00	61.45 0.31 0.00	51.79 0.36 0.00	47.45 1.11 0.00

FAR ROCKAWAY___4 23548	41.74 3.02 0.00	37.54 2.65 0.00	35.03 2.26 0.00	32.05 2.07 0.00	31.87 2.03 0.00	35.81 2.06 0.00	40.73 2.20 0.00	42.35 2.73 0.00	41.67 3.16 0.00	41.73 3.55 0.00	44.69 3.76 0.00	47.47 3.72 0.00	49.29 3.82 0.00	51.93 2.85 0.01	55.08 3.02 0.01	57.76 3.42 0.00	65.07 4.03 0.00	80.13 4.68 0.00	82.13 4.94 0.00	80.95 4.00 0.00	75.41 2.85 0.51	63.64 2.51 0.01	53.52 2.26 0.17	49.02 2.69 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.74 2.01 0.00	36.77 1.88 0.00	34.41 1.64 0.00	31.48 1.50 0.00	31.37 1.52 0.00	35.27 1.52 0.00	40.23 1.70 0.00	41.72 2.10 0.00	40.86 2.35 0.00	40.78 2.60 0.00	43.71 2.78 0.00	46.51 2.76 0.00	48.38 2.91 0.00	51.79 2.70 0.00	54.78 2.71 0.00	57.11 2.77 0.00	64.03 2.99 0.00	78.69 3.24 0.00	80.51 3.32 0.00	79.95 3.00 0.00	75.12 2.05 0.00	62.91 1.77 0.00	53.48 2.06 0.00	48.52 2.18 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.78 2.05 0.00	36.77 1.88 0.00	34.41 1.64 0.00	31.48 1.50 0.00	31.40 1.55 0.00	35.27 1.52 0.00	40.27 1.73 0.00	41.72 2.10 0.00	40.86 2.35 0.00	40.78 2.60 0.00	43.71 2.78 0.00	46.51 2.76 0.00	48.38 2.91 0.00	51.79 2.70 0.00	54.78 2.71 0.00	57.11 2.77 0.00	64.03 2.99 0.00	78.69 3.24 0.00	80.51 3.32 0.00	79.95 3.00 0.00	75.12 2.05 0.00	62.91 1.77 0.00	53.53 2.11 0.00	48.52 2.18 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.74 2.01 0.00	36.73 1.85 0.00	34.41 1.64 0.00	31.45 1.47 0.00	31.37 1.52 0.00	35.27 1.52 0.00	40.23 1.70 0.00	41.68 2.06 0.00	40.86 2.35 0.00	40.74 2.56 0.00	43.66 2.74 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.74 2.65 0.00	54.73 2.66 0.00	57.05 2.72 0.00	63.97 2.93 0.00	78.62 3.17 0.00	80.43 3.24 0.00	79.88 2.92 0.00	75.05 1.97 0.00	62.85 1.71 0.00	53.43 2.01 0.00	48.47 2.13 0.00
FARRAGUT___LBMP 323566	40.70 1.97 0.00	36.73 1.85 0.00	34.37 1.61 0.00	31.42 1.44 0.00	31.34 1.49 0.00	35.24 1.49 0.00	40.19 1.66 0.00	41.64 2.02 0.00	40.79 2.27 0.00	40.70 2.52 0.00	43.62 2.70 0.00	46.42 2.67 0.00	48.29 2.82 0.00	51.69 2.60 0.00	54.67 2.60 0.00	57.00 2.66 0.00	63.85 2.81 0.00	78.54 3.09 0.00	80.35 3.16 0.00	79.80 2.85 0.00	74.98 1.90 0.00	62.79 1.65 0.00	53.43 2.01 0.00	48.42 2.09 0.00
FENNER___WINDPWR 24204	39.96 1.24 0.00	36.00 1.12 0.00	33.82 1.05 0.00	30.88 0.90 0.00	30.74 0.89 0.00	34.73 0.98 0.00	39.61 1.08 0.00	40.64 1.03 0.00	39.36 0.85 0.00	38.90 0.72 0.00	41.74 0.82 0.00	44.80 1.05 0.00	46.65 1.18 0.00	50.51 1.42 0.00	53.63 1.56 0.00	56.02 1.69 0.00	63.17 2.14 0.00	78.47 3.02 0.00	81.12 3.93 0.00	80.95 4.00 0.00	76.59 3.51 0.00	63.89 2.75 0.00	53.48 2.06 0.00	48.00 1.67 0.00
FIBERTEK___ENERGY 23856	38.61 -0.12 0.00	34.78 -0.10 0.00	32.64 -0.13 0.00	29.83 -0.15 0.00	29.73 -0.12 0.00	33.52 -0.24 0.00	38.07 -0.46 0.00	39.10 -0.52 0.00	38.09 -0.42 0.00	37.76 -0.42 0.00	40.55 -0.37 0.00	43.53 -0.22 0.00	45.24 -0.23 0.00	49.04 -0.05 0.00	52.12 0.05 0.00	54.44 0.11 0.00	61.22 0.18 0.00	75.75 0.30 0.00	78.12 0.93 0.00	77.88 0.92 0.00	73.74 0.66 0.00	61.38 0.24 0.00	51.53 0.10 0.00	46.34 0.00 0.00
FITZPATRICK___ 23598	37.68 -1.04 0.00	33.94 -0.94 0.00	31.89 -0.88 0.00	29.14 -0.84 0.00	29.04 -0.80 0.00	32.74 -1.01 0.00	37.23 -1.31 0.00	38.27 -1.35 0.00	37.24 -1.27 0.00	36.92 -1.26 0.00	39.65 -1.27 0.00	42.48 -1.27 0.00	44.25 -1.23 0.00	47.81 -1.28 0.00	50.77 -1.30 0.00	53.03 -1.30 0.00	59.51 -1.52 0.00	73.64 -1.81 0.00	75.72 -1.47 0.00	75.41 -1.54 0.00	71.40 -1.68 0.00	59.55 -1.59 0.00	50.19 -1.23 0.00	45.18 -1.16 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.66 1.94 0.00	36.73 1.85 0.00	34.41 1.64 0.00	31.48 1.50 0.00	31.37 1.52 0.00	35.27 1.52 0.00	40.12 1.58 0.00	41.36 1.74 0.00	40.36 1.85 0.00	40.09 1.91 0.00	42.93 2.01 0.00	45.77 2.01 0.00	47.75 2.27 0.00	51.39 2.31 0.00	54.57 2.50 0.00	57.00 2.66 0.00	64.21 3.17 0.00	79.30 3.85 0.00	81.36 4.17 0.00	80.80 3.85 0.00	75.93 2.85 0.00	63.71 2.57 0.00	53.79 2.37 0.00	48.47 2.13 0.00
FORT ORANGE___ 23900	39.57 0.85 0.00	35.86 0.98 0.00	33.75 0.98 0.00	30.94 0.96 0.00	30.80 0.95 0.00	34.60 0.84 0.00	39.31 0.77 0.00	40.41 0.79 0.00	39.13 0.61 0.00	38.60 0.42 0.00	41.21 0.29 0.00	43.55 -0.13 0.07	44.68 -0.64 0.16	48.14 -0.59 0.36	51.02 -0.52 0.53	53.19 -0.49 0.66	59.64 -0.36 1.03	74.84 -0.61 0.00	77.04 -0.15 0.00	76.57 -0.38 0.00	72.42 -0.66 0.00	61.02 -0.12 0.00	51.22 -0.20 0.00	46.06 -0.28 0.00
FORT_DRUM_COGEN 23780	40.39 1.67 0.00	36.35 1.47 0.00	34.18 1.41 0.00	31.15 1.17 0.00	30.98 1.13 0.00	35.14 1.38 0.00	40.12 1.58 0.00	40.96 1.35 0.00	39.48 0.96 0.00	38.87 0.69 0.00	41.66 0.74 0.00	44.72 0.96 0.00	46.47 1.00 0.00	50.36 1.28 0.00	53.42 1.35 0.00	55.75 1.41 0.00	62.81 1.77 0.00	78.32 2.87 0.00	81.59 4.40 0.00	82.11 5.16 0.00	77.68 4.60 0.00	64.81 3.67 0.00	53.95 2.52 0.00	48.47 2.13 0.00
FOX_HILLS___ESR 323835	41.09 2.36 0.00	37.05 2.16 0.00	34.57 1.80 0.00	31.48 1.50 0.00	31.43 1.58 0.00	35.07 1.32 0.00	39.88 1.35 0.00	41.20 1.58 0.00	40.32 1.81 0.00	40.39 2.21 0.00	43.34 2.41 0.00	46.25 2.49 0.00	48.15 2.68 0.00	51.19 2.11 0.01	52.22 2.08 1.93	52.50 2.17 4.01	55.08 2.20 8.15	63.35 2.57 14.66	62.58 2.62 17.24	63.02 2.31 16.24	55.34 1.46 19.20	54.63 1.28 7.79	52.97 1.54 0.00	48.84 2.50 0.00
FPL_FAR_ROCK_GT1 24212	41.75 3.02 0.00	37.53 2.65 0.00	35.03 2.26 0.00	32.05 2.07 0.00	31.88 2.03 0.00	35.81 2.06 0.00	40.73 2.20 0.00	42.31 2.70 0.00	41.67 3.16 0.00	41.73 3.55 0.00	44.70 3.76 -0.01	47.12 3.37 0.00	48.34 2.87 0.00	51.98 2.90 0.00	55.08 3.02 0.01	57.65 3.31 0.00	64.95 3.91 0.00	80.13 4.68 0.00	82.21 5.01 0.00	81.11 4.15 0.00	75.34 2.78 0.51	63.64 2.51 0.00	53.41 2.16 0.17	48.33 1.99 0.00
FPL_FAR_ROCK_GT2 23815	41.75 3.02 0.00	37.53 2.65 0.00	35.03 2.26 0.00	32.05 2.07 0.00	31.88 2.03 0.00	35.81 2.06 0.00	40.73 2.20 0.00	42.31 2.70 0.00	41.67 3.16 0.00	41.73 3.55 0.00	44.70 3.76 -0.01	47.12 3.37 0.00	48.34 2.87 0.00	51.98 2.90 0.00	55.08 3.02 0.01	57.65 3.31 0.00	64.95 3.91 0.00	80.13 4.68 0.00	82.21 5.01 0.00	81.11 4.15 0.00	75.34 2.78 0.51	63.64 2.51 0.00	53.41 2.16 0.17	48.33 1.99 0.00
FRANKLIN_FALL_HYD 24054	39.65 0.93 0.00	35.55 0.66 0.00	33.39 0.62 0.00	30.52 0.54 0.00	30.32 0.48 0.00	34.60 0.84 0.00	39.85 1.31 0.00	40.88 1.27 0.00	39.48 0.96 0.00	39.17 0.99 0.00	42.07 1.15 0.00	44.98 1.23 0.00	46.88 1.41 0.00	50.56 1.47 0.00	53.16 1.09 0.00	54.93 0.60 0.00	61.71 0.67 0.00	76.20 0.75 0.00	77.65 0.46 0.00	78.03 1.08 0.00	74.61 1.53 0.00	62.30 1.16 0.00	52.25 0.82 0.00	47.08 0.74 0.00



FREEPORT_EQUS_GT1 23764	41.47 2.75 0.00	37.26 2.37 0.00	34.80 2.03 0.00	31.81 1.83 0.00	31.64 1.79 0.00	35.54 1.79 0.00	40.42 1.89 0.00	41.95 2.34 0.00	41.36 2.85 0.00	41.39 3.21 0.00	44.33 3.39 -0.01	46.56 2.80 0.00	47.65 2.18 0.00	51.29 2.21 0.00	54.25 2.19 0.01	56.84 2.50 0.00	63.97 2.93 0.00	78.62 3.17 0.00	80.74 3.55 0.00	79.57 2.62 0.00	71.74 1.39 2.72	62.66 1.53 0.00	51.93 1.39 0.89	47.68 1.34 0.00
FREEPORT___CT2 23818	41.47 2.75 0.00	37.26 2.37 0.00	34.80 2.03 0.00	31.81 1.83 0.00	31.64 1.79 0.00	35.54 1.79 0.00	40.42 1.89 0.00	41.95 2.34 0.00	41.36 2.85 0.00	41.39 3.21 0.00	44.33 3.39 -0.01	46.56 2.80 0.00	47.65 2.18 0.00	51.29 2.21 0.00	54.25 2.19 0.01	56.84 2.50 0.00	63.97 2.93 0.00	78.62 3.17 0.00	80.74 3.55 0.00	79.57 2.62 0.00	71.74 1.39 2.72	62.66 1.53 0.00	51.93 1.39 0.89	47.68 1.34 0.00
FRESHKLS_33_KV_LOAD 356253	41.20 2.48 0.00	37.12 2.23 0.00	34.64 1.87 0.00	31.54 1.56 0.00	31.49 1.64 0.00	35.10 1.35 0.00	39.88 1.35 0.00	41.20 1.58 0.00	40.28 1.77 0.00	40.36 2.18 0.00	43.34 2.41 0.00	46.25 2.49 0.00	48.15 2.68 0.00	51.09 2.01 0.01	52.17 2.03 1.93	52.38 2.06 4.02	55.07 2.20 8.17	63.26 2.49 14.68	62.48 2.55 17.25	63.00 2.31 16.26	55.25 1.39 19.21	54.55 1.22 7.81	52.90 1.49 0.02	48.98 2.64 0.00
FULTON COGEN____ 23766	38.18 -0.54 0.00	34.40 -0.49 0.00	32.28 -0.49 0.00	29.53 -0.45 0.00	29.43 -0.42 0.00	33.18 -0.57 0.00	37.69 -0.85 0.00	38.67 -0.95 0.00	37.67 -0.85 0.00	37.34 -0.84 0.00	40.06 -0.86 0.00	43.01 -0.74 0.00	44.65 -0.82 0.00	48.40 -0.69 0.00	51.45 -0.62 0.00	53.74 -0.60 0.00	60.37 -0.67 0.00	74.69 -0.75 0.00	76.88 -0.31 0.00	76.72 -0.23 0.00	72.64 -0.44 0.00	60.53 -0.61 0.00	50.86 -0.57 0.00	45.83 -0.51 0.00
FULTON___LFGE 323630	41.32 2.59 0.00	37.15 2.27 0.00	35.00 2.23 0.00	31.93 1.95 0.00	31.90 2.06 0.00	35.98 2.23 0.00	40.81 2.27 0.00	41.48 1.86 0.00	39.82 1.31 0.00	39.25 1.07 0.00	42.03 1.11 0.00	44.80 1.05 0.00	46.52 1.05 0.00	50.46 1.37 0.00	53.89 1.82 0.00	56.45 2.12 0.00	63.72 2.68 0.00	79.60 4.15 0.00	82.98 5.79 0.00	83.11 6.16 0.00	79.14 6.06 0.00	66.21 5.07 0.00	55.44 4.01 0.00	49.58 3.24 0.00
G.F.CEMENT___DRP 24184	40.70 1.97 0.00	36.66 1.78 0.00	34.57 1.80 0.00	31.54 1.56 0.00	31.49 1.64 0.00	35.47 1.72 0.00	40.39 1.85 0.00	41.44 1.82 0.00	39.90 1.39 0.00	39.36 1.18 0.00	41.82 0.90 0.00	44.63 0.88 0.00	46.20 0.73 0.00	49.97 0.88 0.00	53.27 1.20 0.00	55.86 1.52 0.00	63.05 2.01 0.00	78.39 2.94 0.00	81.74 4.55 0.00	81.19 4.23 0.00	77.39 4.31 0.00	64.99 3.85 0.00	54.41 2.98 0.00	48.61 2.27 0.00
GARDENVILLE___LBMP 24039	38.84 0.12 0.00	35.09 0.21 0.00	32.61 -0.16 0.00	29.77 -0.21 0.00	29.73 -0.12 0.00	33.01 -0.74 0.00	36.49 -2.04 0.00	37.24 -2.38 0.00	37.13 -1.39 0.00	37.07 -1.11 0.00	39.70 -1.23 0.00	43.80 0.04 0.00	45.29 -0.18 0.00	49.77 0.69 0.00	53.16 1.09 0.00	55.59 1.25 0.00	61.10 0.06 0.00	75.67 0.23 0.00	79.43 2.24 0.00	79.34 2.39 0.00	74.03 0.95 0.00	60.34 -0.79 0.00	51.12 -0.31 0.00	46.29 -0.05 0.00
GARDNVLA_35_KV_LD 355827	39.00 0.27 0.00	35.23 0.35 0.00	32.74 -0.03 0.00	29.89 -0.09 0.00	29.85 0.00 0.00	33.14 -0.61 0.00	36.65 -1.89 0.00	37.44 -2.18 0.00	37.36 -1.16 0.00	37.30 -0.88 0.00	39.94 -0.98 0.00	44.10 0.35 0.00	45.65 0.18 0.00	50.17 1.08 0.00	53.58 1.51 0.00	56.07 1.74 0.00	61.59 0.55 0.00	76.20 0.75 0.00	80.05 2.86 0.00	79.88 2.92 0.00	74.47 1.39 0.00	60.77 -0.37 0.00	51.43 0.00 0.00	46.52 0.19 0.00
GELCKHM___115KV_LOAD 80723	38.38 -0.35 0.00	34.57 -0.31 0.00	32.44 -0.33 0.00	29.68 -0.30 0.00	29.55 -0.30 0.00	33.31 -0.44 0.00	37.84 -0.69 0.00	38.90 -0.71 0.00	37.90 -0.62 0.00	37.57 -0.61 0.00	40.35 -0.57 0.00	43.32 -0.44 0.00	45.02 -0.45 0.00	48.74 -0.34 0.00	51.86 -0.21 0.00	54.17 -0.16 0.00	60.85 -0.18 0.00	75.22 -0.23 0.00	77.42 0.23 0.00	77.18 0.23 0.00	73.08 0.00 0.00	60.89 -0.24 0.00	51.12 -0.31 0.00	46.01 -0.32 0.00
GENERAL___MILLS 23808	38.92 0.19 0.00	35.16 0.28 0.00	32.67 -0.10 0.00	29.83 -0.15 0.00	29.79 -0.06 0.00	33.08 -0.68 0.00	36.57 -1.97 0.00	37.36 -2.26 0.00	37.24 -1.27 0.00	37.19 -0.99 0.00	39.82 -1.10 0.00	43.93 0.18 0.00	45.47 0.00 0.00	49.97 0.88 0.00	53.37 1.30 0.00	55.80 1.47 0.00	61.34 0.31 0.00	75.98 0.53 0.00	79.74 2.55 0.00	79.57 2.62 0.00	74.25 1.17 0.00	60.53 -0.61 0.00	51.27 -0.15 0.00	46.43 0.09 0.00
GE_PLASTICS___DRP 24183	39.42 0.70 0.00	35.65 0.77 0.00	33.56 0.79 0.00	30.76 0.78 0.00	30.62 0.78 0.00	34.43 0.68 0.00	39.11 0.58 0.00	40.25 0.63 0.00	38.37 0.54 0.00	40.96 0.04 0.00	42.18 -0.35 1.22	42.27 -0.41 2.79	42.18 -0.54 6.37	42.18 -0.52 9.37	42.18 -0.49 11.67	42.24 -0.49 18.31	74.63 -0.75 0.06	76.65 -0.54 0.00	76.18 -0.77 0.00	72.06 -1.02 0.00	60.65 -0.49 0.00	51.07 -0.36 0.00	45.95 -0.32 0.06	
GILBOA___1 23756	39.46 0.73 0.00	35.62 0.73 0.00	33.59 0.82 0.00	30.73 0.75 0.00	30.62 0.77 0.00	34.43 0.67 0.00	39.04 0.50 0.00	40.17 0.55 0.00	39.13 0.61 0.00	38.79 0.61 0.00	41.54 0.61 0.00	44.28 0.53 0.00	45.93 0.45 0.00	49.63 0.54 0.00	52.59 0.52 0.00	54.93 0.60 0.00	61.71 0.67 0.00	75.83 0.38 0.00	77.96 0.77 0.00	77.50 0.54 0.00	73.37 0.29 0.00	61.69 0.55 0.00	51.94 0.51 0.00	46.80 0.46 0.00
GILBOA___2 23757	39.46 0.73 0.00	35.62 0.73 0.00	33.59 0.82 0.00	30.73 0.75 0.00	30.62 0.77 0.00	34.43 0.67 0.00	39.04 0.50 0.00	40.17 0.55 0.00	39.13 0.61 0.00	38.79 0.61 0.00	41.54 0.61 0.00	44.28 0.53 0.00	45.93 0.45 0.00	49.63 0.54 0.00	52.59 0.52 0.00	54.93 0.60 0.00	61.71 0.67 0.00	75.83 0.38 0.00	77.96 0.77 0.00	77.50 0.54 0.00	73.37 0.29 0.00	61.69 0.55 0.00	51.94 0.51 0.00	46.80 0.46 0.00
GILBOA___3 23758	39.46 0.73 0.00	35.62 0.73 0.00	33.59 0.82 0.00	30.73 0.75 0.00	30.62 0.77 0.00	34.43 0.67 0.00	39.04 0.50 0.00	40.17 0.55 0.00	39.13 0.61 0.00	38.79 0.61 0.00	41.54 0.61 0.00	44.28 0.53 0.00	45.93 0.45 0.00	49.63 0.54 0.00	52.59 0.52 0.00	54.93 0.60 0.00	61.71 0.67 0.00	75.83 0.38 0.00	77.96 0.77 0.00	77.50 0.54 0.00	73.37 0.29 0.00	61.69 0.55 0.00	51.94 0.51 0.00	46.80 0.46 0.00
GILBOA___4 23759	39.46 0.73 0.00	35.62 0.73 0.00	33.59 0.82 0.00	30.73 0.75 0.00	30.62 0.77 0.00	34.43 0.67 0.00	39.04 0.50 0.00	40.17 0.55 0.00	39.13 0.61 0.00	38.79 0.61 0.00	41.54 0.61 0.00	44.28 0.53 0.00	45.93 0.45 0.00	49.63 0.54 0.00	52.59 0.52 0.00	54.93 0.60 0.00	61.71 0.67 0.00	75.83 0.38 0.00	77.96 0.77 0.00	77.50 0.54 0.00	73.37 0.29 0.00	61.69 0.55 0.00	51.94 0.51 0.00	46.80 0.46 0.00

GILBOA____ 23599	39.46 0.74 0.00	35.62 0.73 0.00	33.59 0.82 0.00	30.76 0.78 0.00	30.62 0.78 0.00	34.43 0.68 0.00	39.04 0.50 0.00	40.21 0.59 0.00	39.13 0.62 0.00	38.79 0.61 0.00	41.54 0.61 0.00	44.28 0.53 0.00	46.02 0.55 0.00	49.58 0.49 0.00	52.59 0.52 0.00	54.93 0.60 0.00	61.77 0.73 0.00	76.05 0.60 0.00	77.88 0.69 0.00	77.49 0.54 0.00	73.37 0.29 0.00	61.69 0.55 0.00	51.99 0.57 0.00	46.89 0.56 0.00
GINNA____ 23603	37.06 -1.66 0.00	33.35 -1.53 0.00	31.26 -1.51 0.00	28.57 -1.41 0.00	28.41 -1.43 0.00	31.86 -1.89 0.00	35.99 -2.54 0.00	37.16 -2.46 0.00	36.32 -2.19 0.00	36.16 -2.02 0.00	39.00 -1.92 0.00	42.26 -1.49 0.00	44.43 -1.04 0.00	47.96 -1.13 0.00	51.23 -0.84 0.00	53.41 -0.92 0.00	59.69 -1.34 0.00	74.24 -1.21 0.00	77.04 -0.15 0.00	76.88 -0.08 0.00	72.20 -0.87 0.00	59.55 -1.59 0.00	50.40 -1.03 0.00	45.32 -1.02 0.00
GLEN PARK____ 23778	40.62 1.90 0.00	36.52 1.64 0.00	34.34 1.57 0.00	31.30 1.32 0.00	31.13 1.28 0.00	35.27 1.52 0.00	40.27 1.74 0.00	41.12 1.51 0.00	39.59 1.08 0.00	38.94 0.76 0.00	41.74 0.82 0.00	44.80 1.05 0.00	46.65 1.18 0.00	50.51 1.42 0.00	53.58 1.51 0.00	55.91 1.58 0.00	63.05 2.01 0.00	78.76 3.32 0.00	82.20 5.01 0.00	82.80 5.85 0.00	78.34 5.26 0.00	65.30 4.16 0.00	54.46 3.03 0.00	48.88 2.55 0.00
GLENDALE_27_KV_LOAD 356172	41.09 2.36 0.00	37.08 2.20 0.00	34.64 1.87 0.00	31.60 1.62 0.00	31.52 1.67 0.00	35.27 1.52 0.00	40.23 1.70 0.00	41.68 2.06 0.00	40.86 2.35 0.00	40.89 2.71 0.00	43.83 2.91 0.00	46.73 2.98 0.00	48.61 3.14 0.00	51.83 2.75 0.00	54.83 2.76 0.00	57.16 2.83 0.00	63.85 2.81 0.00	78.54 3.09 0.00	73.94 3.16 6.41	71.00 2.85 8.80	64.59 1.97 10.46	62.85 1.71 0.00	53.59 2.16 0.00	48.93 2.59 0.00
GLENWOOD_IC_1_G5 23712	41.09 2.36 0.00	36.98 2.09 0.00	34.57 1.80 0.00	31.63 1.65 0.00	31.49 1.64 0.00	35.41 1.65 0.00	40.31 1.77 0.00	41.83 2.22 0.00	41.05 2.54 0.00	40.85 2.67 0.00	43.87 2.95 0.00	46.55 2.80 0.00	48.56 3.09 0.00	51.59 2.50 0.00	54.62 2.55 0.01	57.16 2.83 0.00	63.78 2.75 0.00	78.54 3.09 0.00	80.43 3.24 0.00	79.49 2.54 0.00	72.98 1.53 1.63	62.54 1.41 0.00	52.69 1.80 0.53	48.42 2.09 0.00
GLENWOOD_IC_2_G1 23688	40.81 2.09 0.00	36.80 1.92 0.00	34.44 1.67 0.00	31.51 1.53 0.00	31.37 1.52 0.00	35.27 1.52 0.00	40.15 1.62 0.00	41.60 1.98 0.00	40.82 2.31 0.00	40.70 2.52 0.00	43.67 2.74 -0.01	46.25 2.49 0.00	47.70 2.23 0.00	51.39 2.31 0.00	54.36 2.29 0.00	56.78 2.45 0.00	63.72 2.68 0.00	78.47 3.02 0.00	80.51 3.32 0.00	79.80 2.85 0.00	74.81 1.75 0.02	62.73 1.59 0.00	52.96 1.54 0.01	47.86 1.53 0.00
GLENWOOD_IC_3_G1 23689	40.81 2.09 0.00	36.80 1.92 0.00	34.44 1.67 0.00	31.51 1.53 0.00	31.37 1.52 0.00	35.27 1.52 0.00	40.15 1.62 0.00	41.60 1.98 0.00	40.82 2.31 0.00	40.70 2.52 0.00	43.67 2.74 -0.01	46.25 2.49 0.00	47.70 2.23 0.00	51.39 2.31 0.00	54.36 2.29 0.00	56.78 2.45 0.00	63.72 2.68 0.00	78.47 3.02 0.00	80.51 3.32 0.00	79.80 2.85 0.00	74.81 1.75 0.02	62.73 1.59 0.00	52.96 1.54 0.01	47.86 1.53 0.00
GLENWOOD____4 23550	41.09 2.36 0.00	36.98 2.09 0.00	34.57 1.80 0.00	31.63 1.65 0.00	31.49 1.64 0.00	35.41 1.65 0.00	40.31 1.77 0.00	41.83 2.22 0.00	41.05 2.54 0.00	40.93 2.75 0.00	43.91 2.99 0.00	46.64 2.89 0.00	48.56 3.09 0.00	51.59 2.50 0.00	54.62 2.55 0.01	57.16 2.83 0.00	63.97 2.93 0.00	78.77 3.32 0.00	80.59 3.40 0.00	79.72 2.77 0.00	73.20 1.75 1.63	62.72 1.59 0.00	52.69 1.80 0.53	48.42 2.09 0.00
GLENWOOD____5 23614	41.09 2.36 0.00	36.98 2.09 0.00	34.57 1.80 0.00	31.63 1.65 0.00	31.49 1.64 0.00	35.41 1.65 0.00	40.31 1.77 0.00	41.83 2.22 0.00	41.05 2.54 0.00	40.93 2.75 0.00	43.91 2.99 0.00	46.64 2.89 0.00	48.56 3.09 0.00	51.59 2.50 0.00	54.62 2.55 0.01	57.16 2.83 0.00	63.97 2.93 0.00	78.77 3.32 0.00	80.59 3.40 0.00	79.72 2.77 0.00	73.20 1.75 1.63	62.72 1.59 0.00	52.69 1.80 0.53	48.42 2.09 0.00
GLOBAL GREEN_PORT_GT1 23814	42.48 3.76 0.00	38.16 3.28 0.00	35.65 2.88 0.00	32.65 2.67 0.00	32.44 2.60 0.00	36.35 2.60 0.00	41.23 2.70 0.00	42.98 3.37 0.00	42.64 4.12 0.00	42.80 4.62 0.00	46.09 5.16 -0.01	48.17 4.42 0.00	49.02 3.55 0.00	52.47 3.54 0.16	55.19 3.49 0.36	57.85 3.91 0.40	65.46 4.70 0.28	81.16 6.19 0.47	83.52 6.33 0.00	81.55 4.69 0.09	70.56 2.41 4.93	63.33 2.20 0.01	51.31 1.49 1.61	48.10 1.76 0.00
GLOBE____DSASP 323697	37.56 -1.16 0.00	34.01 -0.87 0.00	31.62 -1.15 0.00	28.87 -1.11 0.00	28.80 -1.04 0.00	31.93 -1.82 0.00	35.26 -3.28 0.00	36.13 -3.49 0.00	36.09 -2.43 0.00	35.93 -2.25 0.00	38.43 -2.50 0.00	42.44 -1.31 0.00	43.79 -1.68 0.00	48.05 -1.03 0.00	51.39 -0.68 0.00	53.63 -0.71 0.00	58.78 -2.26 0.00	72.66 -2.79 0.00	76.19 -1.00 0.00	76.11 -0.85 0.00	71.10 -1.97 0.00	57.96 -3.18 0.00	49.32 -2.11 0.00	44.62 -1.71 0.00
GOETHSLN____LBMP 323567	40.47 1.74 0.00	36.52 1.64 0.00	34.17 1.41 0.01	31.23 1.26 0.01	31.15 1.31 0.01	35.03 1.28 0.00	40.00 1.46 0.00	41.48 1.86 0.00	40.67 2.16 0.00	40.55 2.37 0.00	43.46 2.54 0.00	46.25 2.49 0.00	48.06 2.59 0.00	51.44 2.36 0.00	52.39 2.24 1.92	52.60 2.28 4.01	55.25 2.38 8.17	63.26 2.49 14.68	62.49 2.55 17.25	63.01 2.31 16.25	55.26 1.39 19.20	54.55 1.22 7.81	53.06 1.65 0.01	48.14 1.81 0.00
GOLAH____69_KV_TB 1_2 80279	39.15 0.43 0.00	35.27 0.38 0.00	32.93 0.16 0.00	30.04 0.06 0.00	29.90 0.06 0.00	33.48 -0.27 0.00	37.61 -0.92 0.00	38.63 -0.99 0.00	37.90 -0.62 0.00	37.76 -0.42 0.00	40.72 -0.20 0.00	44.37 0.61 0.00	46.02 0.55 0.00	50.21 1.13 0.00	53.63 1.56 0.00	56.02 1.68 0.00	62.20 1.16 0.00	77.18 1.74 0.00	80.51 3.32 0.00	80.72 3.77 0.00	75.86 2.78 0.00	62.42 1.28 0.00	52.61 1.18 0.00	47.45 1.11 0.00
GOODYEAR_LAKE_HYD 323669	40.16 1.43 0.00	36.14 1.26 0.00	33.98 1.21 0.00	31.06 1.08 0.00	30.95 1.10 0.00	34.90 1.15 0.00	39.62 1.08 0.00	40.53 0.91 0.00	39.40 0.89 0.00	39.02 0.84 0.00	41.86 0.94 0.00	44.98 1.23 0.00	46.74 1.27 0.00	50.56 1.47 0.00	53.68 1.61 0.00	56.18 1.85 0.00	63.24 2.20 0.00	78.32 2.87 0.00	80.90 3.71 0.00	80.65 3.69 0.00	76.29 3.22 0.00	63.71 2.57 0.00	53.48 2.06 0.00	48.14 1.81 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	39.19 0.46 0.00	35.30 0.42 0.00	33.06 0.29 0.00	30.25 0.27 0.00	30.17 0.33 0.00	33.89 0.14 0.00	38.30 -0.23 0.00	39.18 -0.44 0.00	38.32 -0.19 0.00	38.03 -0.15 0.00	40.80 -0.12 0.00	43.97 0.22 0.00	45.65 0.18 0.00	49.53 0.44 0.00	52.64 0.57 0.00	55.10 0.76 0.00	61.71 0.67 0.00	76.35 0.91 0.00	79.04 1.85 0.00	78.80 1.85 0.00	74.39 1.32 0.00	61.81 0.67 0.00	51.99 0.57 0.00	46.89 0.56 0.00

GOUDEY___7 23579	39.19 0.46 0.00	35.30 0.42 0.00	33.06 0.29 0.00	30.25 0.27 0.00	30.17 0.33 0.00	33.89 0.14 0.00	38.30 -0.23 0.00	39.18 -0.44 0.00	38.32 -0.19 0.00	38.03 -0.15 0.00	40.80 -0.12 0.00	43.97 0.22 0.00	45.65 0.18 0.00	49.53 0.44 0.00	52.64 0.57 0.00	55.10 0.76 0.00	61.71 0.67 0.00	76.35 0.91 0.00	79.04 1.85 0.00	78.80 1.85 0.00	74.39 1.32 0.00	61.81 0.67 0.00	51.99 0.57 0.00	46.89 0.56 0.00
GOUDEY___8 23580	39.19 0.46 0.00	35.30 0.42 0.00	33.06 0.29 0.00	30.25 0.27 0.00	30.17 0.33 0.00	33.89 0.14 0.00	38.30 -0.23 0.00	39.18 -0.44 0.00	38.32 -0.19 0.00	38.03 -0.15 0.00	40.80 -0.12 0.00	43.97 0.22 0.00	45.65 0.18 0.00	49.53 0.44 0.00	52.64 0.57 0.00	55.10 0.76 0.00	61.71 0.67 0.00	76.35 0.91 0.00	79.04 1.85 0.00	78.80 1.85 0.00	74.39 1.32 0.00	61.81 0.67 0.00	51.99 0.57 0.00	46.89 0.56 0.00
GOWANUS_GT1_1 24077	41.09 2.36 0.00	37.05 2.16 0.00	34.60 1.84 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.36 1.74 0.00	40.52 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.44 2.36 0.00	54.47 2.40 0.00	56.78 2.45 0.00	63.54 2.50 0.00	78.39 2.94 0.00	73.79 3.01 6.41	70.93 2.77 8.80	64.45 1.83 10.46	62.73 1.59 0.00	53.23 1.80 0.00	48.89 2.55 0.00
GOWANUS_GT1_2 24078	41.09 2.36 0.00	37.05 2.16 0.00	34.60 1.84 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.36 1.74 0.00	40.52 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.44 2.36 0.00	54.47 2.40 0.00	56.78 2.45 0.00	63.54 2.50 0.00	78.39 2.94 0.00	73.79 3.01 6.41	70.93 2.77 8.80	64.45 1.83 10.46	62.73 1.59 0.00	53.23 1.80 0.00	48.89 2.55 0.00
GOWANUS_GT1_3 24079	41.09 2.36 0.00	37.05 2.16 0.00	34.60 1.84 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.36 1.74 0.00	40.52 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.44 2.36 0.00	54.47 2.40 0.00	56.78 2.45 0.00	63.54 2.50 0.00	78.39 2.94 0.00	73.79 3.01 6.41	70.93 2.77 8.80	64.45 1.83 10.46	62.73 1.59 0.00	53.23 1.80 0.00	48.89 2.55 0.00
GOWANUS_GT1_4 24080	41.09 2.36 0.00	37.05 2.16 0.00	34.60 1.84 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.36 1.74 0.00	40.52 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.44 2.36 0.00	54.47 2.40 0.00	56.78 2.45 0.00	63.54 2.50 0.00	78.39 2.94 0.00	73.79 3.01 6.41	70.93 2.77 8.80	64.45 1.83 10.46	62.73 1.59 0.00	53.23 1.80 0.00	48.89 2.55 0.00
GOWANUS_GT1_5 24084	41.09 2.36 0.00	37.05 2.16 0.00	34.60 1.84 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.36 1.74 0.00	40.52 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.44 2.36 0.00	54.47 2.40 0.00	56.78 2.45 0.00	63.54 2.50 0.00	78.39 2.94 0.00	73.79 3.01 6.41	70.93 2.77 8.80	64.45 1.83 10.46	62.73 1.59 0.00	53.23 1.80 0.00	48.89 2.55 0.00
GOWANUS_GT1_6 24111	41.09 2.36 0.00	37.05 2.16 0.00	34.60 1.84 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.36 1.74 0.00	40.52 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.44 2.36 0.00	54.47 2.40 0.00	56.78 2.45 0.00	63.54 2.50 0.00	78.39 2.94 0.00	73.79 3.01 6.41	70.93 2.77 8.80	64.45 1.83 10.46	62.73 1.59 0.00	53.23 1.80 0.00	48.89 2.55 0.00
GOWANUS_GT1_7 24112	41.09 2.36 0.00	37.05 2.16 0.00	34.60 1.84 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.36 1.74 0.00	40.52 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.44 2.36 0.00	54.47 2.40 0.00	56.78 2.45 0.00	63.54 2.50 0.00	78.39 2.94 0.00	73.79 3.01 6.41	70.93 2.77 8.80	64.45 1.83 10.46	62.73 1.59 0.00	53.23 1.80 0.00	48.89 2.55 0.00
GOWANUS_GT1_8 24113	41.09 2.36 0.00	37.05 2.16 0.00	34.60 1.84 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.36 1.74 0.00	40.52 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.44 2.36 0.00	54.47 2.40 0.00	56.78 2.45 0.00	63.54 2.50 0.00	78.39 2.94 0.00	73.79 3.01 6.41	70.93 2.77 8.80	64.45 1.83 10.46	62.73 1.59 0.00	53.23 1.80 0.00	48.89 2.55 0.00
GOWANUS_GT2_1 24114	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.53 2.45 0.01	54.46 2.40 0.01	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
GOWANUS_GT2_2 24115	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.53 2.45 0.01	54.46 2.40 0.01	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
GOWANUS_GT2_3 24116	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.53 2.45 0.01	54.46 2.40 0.01	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
GOWANUS_GT2_4 24117	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.53 2.45 0.01	54.46 2.40 0.01	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
GOWANUS_GT2_5 24118	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.53 2.45 0.01	54.46 2.40 0.01	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01

GOWANUS_GT2_6 24119	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.53 2.45 0.01	54.46 2.40 0.01	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
GOWANUS_GT2_7 24120	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.53 2.45 0.01	54.46 2.40 0.01	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
GOWANUS_GT2_8 24121	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.53 2.45 0.01	54.46 2.40 0.01	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
GOWANUS_GT3_1 24122	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.54 2.45 0.00	54.47 2.40 0.00	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
GOWANUS_GT3_2 24123	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.54 2.45 0.00	54.47 2.40 0.00	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
GOWANUS_GT3_3 24124	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.54 2.45 0.00	54.47 2.40 0.00	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
GOWANUS_GT3_4 24125	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.54 2.45 0.00	54.47 2.40 0.00	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
GOWANUS_GT3_5 24126	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.54 2.45 0.00	54.47 2.40 0.00	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
GOWANUS_GT3_6 24127	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.54 2.45 0.00	54.47 2.40 0.00	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
GOWANUS_GT3_7 24128	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.54 2.45 0.00	54.47 2.40 0.00	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
GOWANUS_GT3_8 24129	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.54 2.45 0.00	54.47 2.40 0.00	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
GOWANUS_GT4_1 24130	41.09 2.36 0.00	37.05 2.16 0.00	34.60 1.84 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.36 1.74 0.00	40.52 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.44 2.36 0.01	54.46 2.40 0.01	56.78 2.45 0.00	63.54 2.50 0.00	78.39 2.94 0.00	73.79 3.01 6.41	70.93 2.77 8.80	64.45 1.83 10.46	62.73 1.59 0.00	53.23 1.80 0.00	48.89 2.55 0.00
GOWANUS_GT4_2 24131	41.09 2.36 0.00	37.05 2.16 0.00	34.60 1.84 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.36 1.74 0.00	40.52 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.44 2.36 0.01	54.46 2.40 0.01	56.78 2.45 0.00	63.54 2.50 0.00	78.39 2.94 0.00	73.79 3.01 6.41	70.93 2.77 8.80	64.45 1.83 10.46	62.73 1.59 0.00	53.23 1.80 0.00	48.89 2.55 0.00
GOWANUS_GT4_3 24132	41.09 2.36 0.00	37.05 2.16 0.00	34.60 1.84 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.36 1.74 0.00	40.52 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.44 2.36 0.01	54.46 2.40 0.01	56.78 2.45 0.00	63.54 2.50 0.00	78.39 2.94 0.00	73.79 3.01 6.41	70.93 2.77 8.80	64.45 1.83 10.46	62.73 1.59 0.00	53.23 1.80 0.00	48.89 2.55 0.00
GOWANUS_GT4_4 24133	41.09 2.36 0.00	37.05 2.16 0.00	34.60 1.84 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.36 1.74 0.00	40.52 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.44 2.36 0.01	54.46 2.40 0.01	56.78 2.45 0.00	63.54 2.50 0.00	78.39 2.94 0.00	73.79 3.01 6.41	70.93 2.77 8.80	64.45 1.83 10.46	62.73 1.59 0.00	53.23 1.80 0.00	48.89 2.55 0.00

GOWANUS_GT4_5 24134	41.09 2.36 0.00	37.05 2.16 0.00	34.60 1.84 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.36 1.74 0.00	40.52 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.44 2.36 0.01	54.46 2.40 0.01	56.78 2.45 0.00	63.54 2.50 0.00	78.39 2.94 0.00	73.79 3.01 6.41	70.93 2.77 8.80	64.45 1.83 10.46	62.73 1.59 0.00	53.23 1.80 0.00	48.89 2.55 0.00
GOWANUS_GT4_6 24135	41.09 2.36 0.00	37.05 2.16 0.00	34.60 1.84 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.36 1.74 0.00	40.52 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.44 2.36 0.01	54.46 2.40 0.01	56.78 2.45 0.00	63.54 2.50 0.00	78.39 2.94 0.00	73.79 3.01 6.41	70.93 2.77 8.80	64.45 1.83 10.46	62.73 1.59 0.00	53.23 1.80 0.00	48.89 2.55 0.00
GOWANUS_GT4_7 24136	41.09 2.36 0.00	37.05 2.16 0.00	34.60 1.84 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.36 1.74 0.00	40.52 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.44 2.36 0.01	54.46 2.40 0.01	56.78 2.45 0.00	63.54 2.50 0.00	78.39 2.94 0.00	73.79 3.01 6.41	70.93 2.77 8.80	64.45 1.83 10.46	62.73 1.59 0.00	53.23 1.80 0.00	48.89 2.55 0.00
GOWANUS_GT4_8 24137	41.09 2.36 0.00	37.05 2.16 0.00	34.60 1.84 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.36 1.74 0.00	40.52 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.44 2.36 0.01	54.46 2.40 0.01	56.78 2.45 0.00	63.54 2.50 0.00	78.39 2.94 0.00	73.79 3.01 6.41	70.93 2.77 8.80	64.45 1.83 10.46	62.73 1.59 0.00	53.23 1.80 0.00	48.89 2.55 0.00
GREATVRV_69_KV_BK1 356245	41.94 3.21 0.00	37.64 2.76 0.00	35.13 2.36 0.00	32.14 2.16 0.00	31.96 2.12 0.00	35.84 2.09 0.00	40.77 2.24 0.00	42.47 2.85 0.00	41.82 3.31 0.00	41.92 3.74 0.00	45.06 4.13 0.00	47.60 3.85 0.00	49.29 3.82 0.00	51.37 2.45 0.17	54.18 2.50 0.39	56.89 2.99 0.43	64.34 3.60 0.30	79.32 4.38 0.51	81.74 4.55 0.00	80.24 3.39 0.10	70.28 1.97 4.77	63.15 2.02 0.01	51.67 1.80 1.56	48.98 2.64 0.00
GREENBSH_115KV_TB3 55895	39.38 0.66 0.00	35.69 0.80 0.00	33.59 0.82 0.00	30.82 0.84 0.00	30.65 0.81 0.00	34.43 0.68 0.00	39.15 0.62 0.00	40.29 0.67 0.00	39.05 0.54 0.00	38.56 0.38 0.00	41.21 0.29 0.00	43.53 -0.22 0.00	45.15 -0.32 0.00	48.64 -0.44 0.00	51.71 -0.36 0.00	54.01 -0.33 0.00	60.79 -0.24 0.00	75.00 -0.45 0.00	77.04 -0.15 0.00	76.49 -0.46 0.00	72.42 -0.66 0.00	60.96 -0.18 0.00	51.32 -0.10 0.00	46.15 -0.19 0.00
GREENDGE_115KV_TB5 80291	39.30 0.58 0.00	35.41 0.52 0.00	33.10 0.33 0.00	30.25 0.27 0.00	30.17 0.33 0.00	33.92 0.17 0.00	38.19 -0.35 0.00	39.10 -0.52 0.00	38.24 -0.27 0.00	37.91 -0.27 0.00	40.72 -0.20 0.00	44.15 0.39 0.00	45.84 0.36 0.00	49.63 0.54 0.00	52.85 0.78 0.00	55.26 0.92 0.00	61.89 0.85 0.00	76.88 1.43 0.00	80.20 3.01 0.00	80.18 3.23 0.00	75.64 2.56 0.00	62.30 1.16 0.00	52.20 0.77 0.00	47.31 0.97 0.00
GREENIDGE___3 23582	39.30 0.58 0.00	35.41 0.52 0.00	33.10 0.33 0.00	30.25 0.27 0.00	30.17 0.33 0.00	33.92 0.17 0.00	38.19 -0.35 0.00	39.10 -0.52 0.00	38.24 -0.27 0.00	37.91 -0.27 0.00	40.72 -0.20 0.00	44.15 0.39 0.00	45.84 0.36 0.00	49.63 0.54 0.00	52.85 0.78 0.00	55.26 0.92 0.00	61.89 0.85 0.00	76.88 1.43 0.00	80.20 3.01 0.00	80.18 3.23 0.00	75.64 2.56 0.00	62.30 1.16 0.00	52.20 0.77 0.00	47.31 0.97 0.00
GREENIDGE___4 23583	39.31 0.58 0.00	35.41 0.52 0.00	33.10 0.33 0.00	30.25 0.27 0.00	30.17 0.33 0.00	33.92 0.17 0.00	38.19 -0.35 0.00	39.14 -0.47 0.00	38.25 -0.27 0.00	37.91 -0.27 0.00	40.72 -0.20 0.00	44.15 0.39 0.00	46.29 0.82 0.00	49.72 0.64 0.00	52.95 0.88 0.00	55.37 1.03 0.00	62.01 0.97 0.00	77.19 1.74 0.00	80.58 3.39 0.00	80.33 3.38 0.00	75.63 2.56 0.00	62.30 1.16 0.00	52.56 1.13 0.00	47.63 1.30 0.00
GREENLWN_69_KV_BK 3 55738	40.97 2.25 0.00	36.80 1.92 0.00	34.37 1.61 0.00	31.45 1.47 0.00	31.28 1.43 0.00	35.14 1.38 0.00	39.96 1.43 0.00	41.60 1.98 0.00	40.94 2.43 0.00	41.01 2.83 0.00	43.91 2.99 0.00	46.20 2.45 0.00	47.70 2.23 0.00	49.56 0.88 0.41	51.94 0.83 0.96	54.39 1.14 1.08	61.75 1.46 0.76	75.67 1.51 1.28	78.81 1.62 0.00	77.32 0.62 0.25	67.90 -0.37 4.81	61.01 -0.12 0.01	49.96 0.10 1.57	47.26 0.93 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	41.09 2.36 0.00	37.05 2.16 0.00	34.60 1.84 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.36 1.74 0.00	40.52 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.44 2.36 0.00	54.47 2.40 0.00	56.78 2.45 0.00	63.54 2.50 0.00	78.39 2.94 0.00	73.79 3.01 6.41	70.93 2.77 8.80	64.45 1.83 10.46	62.73 1.59 0.00	53.23 1.80 0.00	48.89 2.55 0.00
GRISSOM___SOLAR 323813	41.17 2.44 0.00	37.01 2.13 0.00	34.87 2.10 0.00	31.84 1.86 0.00	31.78 1.94 0.00	35.85 2.09 0.00	40.69 2.16 0.00	41.44 1.82 0.00	39.82 1.31 0.00	39.25 1.07 0.00	42.03 1.11 0.00	44.85 1.09 0.00	46.52 1.05 0.00	50.41 1.33 0.00	53.79 1.72 0.00	56.35 2.01 0.00	63.60 2.56 0.00	79.29 3.85 0.00	82.51 5.32 0.00	82.65 5.69 0.00	78.56 5.48 0.00	65.78 4.64 0.00	55.08 3.65 0.00	49.31 2.97 0.00
GROVEVILLE___HYD 323602	40.66 1.94 0.00	36.73 1.85 0.00	34.41 1.64 0.00	31.48 1.50 0.00	31.37 1.52 0.00	35.27 1.52 0.00	40.12 1.58 0.00	41.36 1.74 0.00	40.36 1.85 0.00	40.09 1.91 0.00	42.93 2.01 0.00	45.77 2.01 0.00	47.75 2.27 0.00	51.39 2.31 0.00	54.57 2.50 0.00	57.00 2.66 0.00	64.21 3.17 0.00	79.30 3.85 0.00	81.36 4.17 0.00	80.80 3.85 0.00	75.93 2.85 0.00	63.71 2.57 0.00	53.79 2.37 0.00	48.47 2.13 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.61 -0.12 0.00	34.78 -0.10 0.00	32.64 -0.13 0.00	29.83 -0.15 0.00	29.73 -0.12 0.00	33.52 -0.24 0.00	38.07 -0.46 0.00	39.10 -0.52 0.00	38.09 -0.42 0.00	37.76 -0.42 0.00	40.55 -0.37 0.00	43.53 -0.22 0.00	45.24 -0.23 0.00	49.04 -0.05 0.00	52.12 0.05 0.00	54.44 0.11 0.00	61.22 0.18 0.00	75.75 0.30 0.00	78.12 0.93 0.00	77.88 0.92 0.00	73.74 0.66 0.00	61.38 0.24 0.00	51.53 0.10 0.00	46.34 0.00 0.00
HAMLTNNY_34_KV_TB 80303	38.76 0.04 0.00	34.88 0.00 0.00	32.70 -0.07 0.00	29.92 -0.06 0.00	29.82 -0.03 0.00	33.58 -0.17 0.00	38.07 -0.46 0.00	39.10 -0.52 0.00	38.13 -0.39 0.00	37.84 -0.34 0.00	40.68 -0.25 0.00	43.75 0.00 0.00	45.43 -0.05 0.00	49.28 0.20 0.00	52.49 0.42 0.00	54.82 0.49 0.00	61.53 0.49 0.00	76.20 0.75 0.00	78.73 1.54 0.00	78.57 1.62 0.00	74.32 1.24 0.00	61.75 0.61 0.00	51.84 0.41 0.00	46.62 0.28 0.00

HAMPSHIRE___PAPER_HYD 323593	39.69 0.97 0.00	35.65 0.77 0.00	33.49 0.72 0.00	30.58 0.60 0.00	30.41 0.57 0.00	34.60 0.84 0.00	39.65 1.12 0.00	40.64 1.03 0.00	39.21 0.69 0.00	38.71 0.53 0.00	41.54 0.61 0.00	44.50 0.74 0.00	46.29 0.82 0.00	49.97 0.88 0.00	52.85 0.78 0.00	54.88 0.54 0.00	61.59 0.55 0.00	76.43 0.98 0.00	78.58 1.39 0.00	78.95 2.00 0.00	74.97 1.90 0.00	62.91 1.77 0.00	52.66 1.23 0.00	47.36 1.02 0.00
HARDSCRABBLE_WT_PWR 323673	38.96 0.23 0.00	35.10 0.21 0.00	33.00 0.23 0.00	30.16 0.18 0.00	30.03 0.18 0.00	33.89 0.14 0.00	38.69 0.15 0.00	39.74 0.12 0.00	38.59 0.08 0.00	38.22 0.04 0.00	40.96 0.04 0.00	43.84 0.09 0.00	45.52 0.05 0.00	49.18 0.10 0.00	52.17 0.10 0.00	54.50 0.16 0.00	61.28 0.25 0.00	75.83 0.38 0.00	77.88 0.69 0.00	77.57 0.61 0.00	73.45 0.37 0.00	61.45 0.31 0.00	51.53 0.10 0.00	46.38 0.05 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.39 1.67 0.00	36.45 1.57 0.00	34.15 1.38 0.00	31.24 1.26 0.00	31.13 1.28 0.00	35.03 1.28 0.00	39.85 1.31 0.00	41.12 1.51 0.00	40.17 1.66 0.00	39.94 1.76 0.00	42.81 1.88 0.00	45.63 1.88 0.00	47.52 2.05 0.00	51.10 2.01 0.00	54.26 2.19 0.00	56.67 2.34 0.00	63.72 2.69 0.00	78.69 3.24 0.00	80.66 3.47 0.00	80.03 3.08 0.00	75.27 2.19 0.00	63.09 1.96 0.00	53.33 1.90 0.00	48.10 1.76 0.00
HARSNRAD_115KV_TB1 81005	38.69 -0.04 0.00	34.99 0.10 0.00	32.54 -0.23 0.00	29.71 -0.27 0.00	29.64 -0.21 0.00	32.91 -0.84 0.00	36.19 -2.35 0.00	36.92 -2.69 0.00	36.82 -1.69 0.00	36.69 -1.49 0.00	39.29 -1.64 0.00	43.36 -0.39 0.00	44.52 -0.95 0.00	48.89 -0.20 0.00	52.28 0.21 0.00	54.66 0.33 0.00	59.94 -1.10 0.00	74.17 -1.28 0.00	77.88 0.69 0.00	77.80 0.85 0.00	72.64 -0.44 0.00	59.24 -1.90 0.00	50.29 -1.13 0.00	45.55 -0.79 0.00
HARZA MOOSE___RIVER 24016	39.92 1.20 0.00	35.97 1.08 0.00	33.78 1.02 0.00	30.85 0.87 0.00	30.68 0.84 0.00	34.73 0.98 0.00	39.69 1.16 0.00	40.69 1.07 0.00	39.32 0.81 0.00	38.79 0.61 0.00	41.62 0.70 0.00	44.58 0.83 0.00	46.38 0.91 0.00	50.21 1.13 0.00	53.27 1.20 0.00	55.53 1.20 0.00	62.62 1.59 0.00	77.86 2.41 0.00	80.51 3.32 0.00	80.49 3.54 0.00	75.93 2.85 0.00	63.40 2.26 0.00	52.87 1.44 0.00	47.54 1.20 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	38.38 -0.35 0.00	34.57 -0.31 0.00	32.44 -0.33 0.00	29.65 -0.33 0.00	29.55 -0.30 0.00	33.28 -0.47 0.00	37.80 -0.73 0.00	38.82 -0.79 0.00	37.86 -0.65 0.00	37.53 -0.65 0.00	40.31 -0.61 0.00	43.32 -0.44 0.00	44.97 -0.50 0.00	48.74 -0.34 0.00	51.81 -0.26 0.00	54.17 -0.16 0.00	60.85 -0.18 0.00	75.15 -0.30 0.00	77.42 0.23 0.00	77.18 0.23 0.00	73.08 0.00 0.00	60.83 -0.31 0.00	51.12 -0.31 0.00	45.97 -0.37 0.00
HELLGATE_13_KV_LD 55870	41.12 2.40 0.00	37.08 2.20 0.00	34.67 1.90 0.00	31.60 1.62 0.00	31.55 1.70 0.00	35.27 1.52 0.00	40.23 1.70 0.00	41.64 2.02 0.00	40.82 2.31 0.00	40.85 2.67 0.00	43.83 2.91 0.00	46.73 2.98 0.00	48.61 3.14 0.00	51.74 2.65 0.00	54.73 2.66 0.00	57.11 2.77 0.00	63.78 2.75 0.00	78.47 3.02 0.00	76.19 3.01 4.01	74.22 2.77 5.50	68.44 1.90 6.54	62.73 1.59 0.00	53.53 2.11 0.00	48.89 2.55 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	41.12 2.40 0.00	37.08 2.20 0.00	34.67 1.90 0.00	31.60 1.62 0.00	31.55 1.70 0.00	35.27 1.52 0.00	40.23 1.70 0.00	41.64 2.02 0.00	40.82 2.31 0.00	40.85 2.67 0.00	43.83 2.91 0.00	46.73 2.98 0.00	48.61 3.14 0.00	51.74 2.65 0.00	54.73 2.66 0.00	57.11 2.77 0.00	63.78 2.75 0.00	78.47 3.02 0.00	76.19 3.01 4.01	74.22 2.77 5.50	68.44 1.90 6.54	62.73 1.59 0.00	53.53 2.11 0.00	48.89 2.55 0.00
HEMPSTEAD____ 23647	41.05 2.32 0.00	36.94 2.06 0.00	34.50 1.74 0.00	31.57 1.59 0.00	31.43 1.58 0.00	35.31 1.55 0.00	40.15 1.62 0.00	41.67 2.06 0.00	41.01 2.50 0.00	41.01 2.83 0.00	43.92 2.99 -0.01	46.20 2.45 0.00	47.43 1.95 0.00	51.05 1.97 0.00	53.99 1.93 0.01	56.51 2.18 0.00	63.48 2.44 0.00	78.16 2.71 0.00	80.20 3.01 0.00	79.10 2.15 0.00	71.65 1.02 2.45	62.24 1.10 0.00	51.71 1.08 0.80	47.40 1.07 0.00
HICKLING___1 23621	39.42 0.70 0.00	35.51 0.63 0.00	33.16 0.39 0.00	30.34 0.36 0.00	30.26 0.42 0.00	33.95 0.20 0.00	38.07 -0.46 0.00	38.82 -0.79 0.00	38.09 -0.42 0.00	37.84 -0.34 0.00	40.64 -0.29 0.00	44.15 0.39 0.00	45.79 0.32 0.00	49.87 0.79 0.00	53.11 1.04 0.00	55.53 1.20 0.00	62.08 1.04 0.00	76.88 1.43 0.00	80.20 3.01 0.00	80.11 3.16 0.00	75.49 2.41 0.00	62.18 1.04 0.00	52.25 0.82 0.00	47.22 0.88 0.00
HICKLING___2 23622	39.42 0.70 0.00	35.51 0.63 0.00	33.16 0.39 0.00	30.34 0.36 0.00	30.26 0.42 0.00	33.95 0.20 0.00	38.07 -0.46 0.00	38.82 -0.79 0.00	38.09 -0.42 0.00	37.84 -0.34 0.00	40.64 -0.29 0.00	44.15 0.39 0.00	45.79 0.32 0.00	49.87 0.79 0.00	53.11 1.04 0.00	55.53 1.20 0.00	62.08 1.04 0.00	76.88 1.43 0.00	80.20 3.01 0.00	80.11 3.16 0.00	75.49 2.41 0.00	62.18 1.04 0.00	52.25 0.82 0.00	47.22 0.88 0.00
HIGH FALLS___HY 23754	40.51 1.78 0.00	36.56 1.67 0.00	34.21 1.44 0.00	31.30 1.32 0.00	31.19 1.34 0.00	35.07 1.32 0.00	39.88 1.35 0.00	41.16 1.55 0.00	40.21 1.69 0.00	40.01 1.83 0.00	42.93 2.01 0.00	45.77 2.10 0.08	47.66 2.36 0.18	51.08 2.41 0.41	54.07 2.60 0.60	56.36 2.77 0.75	63.16 3.30 1.18	79.67 4.23 0.00	81.74 4.55 0.00	81.26 4.31 0.00	76.37 3.29 0.00	63.89 2.75 0.00	53.95 2.52 0.00	48.60 2.27 0.00
HIGH_RIVER___SOLAR 323847	40.31 1.59 0.00	36.32 1.43 0.00	34.18 1.41 0.00	31.24 1.26 0.00	31.16 1.31 0.00	35.10 1.35 0.00	39.85 1.31 0.00	40.64 1.03 0.00	39.05 0.54 0.00	38.45 0.27 0.00	41.17 0.25 0.00	43.80 0.04 0.00	45.43 -0.05 0.00	49.18 0.10 0.00	52.44 0.37 0.00	54.88 0.54 0.00	61.83 0.79 0.00	77.19 1.74 0.00	80.20 3.01 0.00	80.18 3.23 0.00	76.22 3.14 0.00	63.89 2.75 0.00	53.58 2.16 0.00	48.14 1.81 0.00
HILLBURN___GT 23639	40.35 1.63 0.00	36.42 1.53 0.00	34.11 1.34 0.00	31.21 1.23 0.00	31.10 1.25 0.00	34.97 1.21 0.00	39.81 1.27 0.00	41.12 1.51 0.00	40.25 1.73 0.00	40.05 1.87 0.00	42.93 2.00 0.00	45.68 1.92 0.00	47.34 1.87 0.00	51.05 1.97 0.00	54.10 2.03 0.00	56.45 2.12 0.00	63.42 2.38 0.00	78.16 2.71 0.00	80.20 3.01 0.00	79.64 2.69 0.00	74.76 1.68 0.00	62.67 1.53 0.00	52.97 1.54 0.00	47.78 1.44 0.00
HILLSIDE_115KV_TB1 80332	38.96 0.23 0.00	35.09 0.21 0.00	32.80 0.03 0.00	29.98 0.00 0.00	29.93 0.09 0.00	33.55 -0.20 0.00	37.73 -0.81 0.00	38.47 -1.15 0.00	37.74 -0.77 0.00	37.45 -0.73 0.00	40.23 -0.70 0.00	43.62 -0.13 0.00	45.24 -0.23 0.00	49.23 0.15 0.00	52.38 0.31 0.00	54.77 0.43 0.00	61.22 0.18 0.00	75.83 0.38 0.00	78.89 1.70 0.00	78.72 1.77 0.00	74.17 1.10 0.00	61.26 0.12 0.00	51.53 0.10 0.00	46.62 0.28 0.00

HISHELDN_WT_PWR 323625	38.88 0.16 0.00	35.06 0.18 0.00	32.61 -0.16 0.00	29.74 -0.24 0.00	29.67 -0.18 0.00	33.08 -0.67 0.00	36.65 -1.89 0.00	37.44 -2.18 0.00	37.05 -1.46 0.00	36.92 -1.26 0.00	39.53 -1.39 0.00	43.54 -0.22 0.00	46.02 0.55 0.00	49.58 0.49 0.00	52.85 0.78 0.00	55.26 0.92 0.00	61.04 0.00 0.00	75.90 0.46 0.00	79.66 2.47 0.00	79.34 2.39 0.00	74.03 0.95 0.00	60.47 -0.67 0.00	51.89 0.46 0.00	46.94 0.60 0.00
HOLTSVILLE_IC_1 23690	41.24 2.52 0.00	37.05 2.16 0.00	34.57 1.80 0.00	31.69 1.71 0.00	31.49 1.64 0.00	35.31 1.55 0.00	40.15 1.62 0.00	41.75 2.14 0.00	41.17 2.66 0.00	41.24 3.06 0.00	44.24 3.31 -0.01	46.16 2.40 0.00	46.93 1.45 0.00	50.21 1.27 0.15	52.87 1.14 0.34	55.43 1.47 0.37	62.73 1.95 0.26	77.42 2.41 0.44	79.81 2.63 0.00	78.40 1.54 0.09	68.29 0.15 4.94	61.68 0.55 0.01	50.28 0.46 1.61	47.03 0.70 0.00
HOLTSVILLE_IC_10 23699	41.43 2.71 0.00	37.19 2.30 0.00	34.74 1.97 0.00	31.81 1.83 0.00	31.61 1.76 0.00	35.44 1.69 0.00	40.31 1.77 0.00	41.95 2.34 0.00	41.36 2.85 0.00	41.46 3.28 0.00	44.53 3.60 -0.01	46.47 2.71 0.00	47.24 1.77 0.00	50.61 1.72 0.19	53.25 1.62 0.44	55.80 1.95 0.48	63.20 2.50 0.34	77.97 3.09 0.57	80.58 3.39 0.00	79.07 2.23 0.11	68.91 0.73 4.90	62.17 1.04 0.01	50.65 0.82 1.60	47.35 1.02 0.00
HOLTSVILLE_IC_2 23691	41.24 2.52 0.00	37.05 2.16 0.00	34.57 1.80 0.00	31.69 1.71 0.00	31.49 1.64 0.00	35.31 1.55 0.00	40.15 1.62 0.00	41.75 2.14 0.00	41.17 2.66 0.00	41.24 3.06 0.00	44.24 3.31 -0.01	46.16 2.40 0.00	46.93 1.45 0.00	50.21 1.27 0.15	52.87 1.14 0.34	55.43 1.47 0.37	62.73 1.95 0.26	77.42 2.41 0.44	79.81 2.63 0.00	78.40 1.54 0.09	68.29 0.15 4.94	61.68 0.55 0.01	50.28 0.46 1.61	47.03 0.70 0.00
HOLTSVILLE_IC_3 23692	41.24 2.52 0.00	37.05 2.16 0.00	34.57 1.80 0.00	31.69 1.71 0.00	31.49 1.64 0.00	35.31 1.55 0.00	40.15 1.62 0.00	41.75 2.14 0.00	41.17 2.66 0.00	41.24 3.06 0.00	44.24 3.31 -0.01	46.16 2.40 0.00	46.93 1.45 0.00	50.21 1.27 0.15	52.87 1.14 0.34	55.43 1.47 0.37	62.73 1.95 0.26	77.42 2.41 0.44	79.81 2.63 0.00	78.40 1.54 0.09	68.29 0.15 4.94	61.68 0.55 0.01	50.28 0.46 1.61	47.03 0.70 0.00
HOLTSVILLE_IC_4 23693	41.24 2.52 0.00	37.05 2.16 0.00	34.57 1.80 0.00	31.69 1.71 0.00	31.49 1.64 0.00	35.31 1.55 0.00	40.15 1.62 0.00	41.75 2.14 0.00	41.17 2.66 0.00	41.24 3.06 0.00	44.24 3.31 -0.01	46.16 2.40 0.00	46.93 1.45 0.00	50.21 1.27 0.15	52.87 1.14 0.34	55.43 1.47 0.37	62.73 1.95 0.26	77.42 2.41 0.44	79.81 2.63 0.00	78.40 1.54 0.09	68.29 0.15 4.94	61.68 0.55 0.01	50.28 0.46 1.61	47.03 0.70 0.00
HOLTSVILLE_IC_5 23694	41.24 2.52 0.00	37.05 2.16 0.00	34.57 1.80 0.00	31.69 1.71 0.00	31.49 1.64 0.00	35.31 1.55 0.00	40.15 1.62 0.00	41.75 2.14 0.00	41.17 2.66 0.00	41.24 3.06 0.00	44.24 3.31 -0.01	46.16 2.40 0.00	46.93 1.45 0.00	50.21 1.27 0.15	52.87 1.14 0.34	55.43 1.47 0.37	62.73 1.95 0.26	77.42 2.41 0.44	79.81 2.63 0.00	78.40 1.54 0.09	68.29 0.15 4.94	61.68 0.55 0.01	50.28 0.46 1.61	47.03 0.70 0.00
HOLTSVILLE_IC_6 23695	41.43 2.71 0.00	37.19 2.30 0.00	34.74 1.97 0.00	31.81 1.83 0.00	31.61 1.76 0.00	35.44 1.69 0.00	40.31 1.77 0.00	41.95 2.34 0.00	41.36 2.85 0.00	41.46 3.28 0.00	44.53 3.60 -0.01	46.47 2.71 0.00	47.24 1.77 0.00	50.61 1.72 0.19	53.25 1.62 0.44	55.80 1.95 0.48	63.20 2.50 0.34	77.97 3.09 0.57	80.58 3.39 0.00	79.07 2.23 0.11	68.91 0.73 4.90	62.17 1.04 0.01	50.65 0.82 1.60	47.35 1.02 0.00
HOLTSVILLE_IC_7 23696	41.43 2.71 0.00	37.19 2.30 0.00	34.74 1.97 0.00	31.81 1.83 0.00	31.61 1.76 0.00	35.44 1.69 0.00	40.31 1.77 0.00	41.95 2.34 0.00	41.36 2.85 0.00	41.46 3.28 0.00	44.53 3.60 -0.01	46.47 2.71 0.00	47.24 1.77 0.00	50.61 1.72 0.19	53.25 1.62 0.44	55.80 1.95 0.48	63.20 2.50 0.34	77.97 3.09 0.57	80.58 3.39 0.00	79.07 2.23 0.11	68.91 0.73 4.90	62.17 1.04 0.01	50.65 0.82 1.60	47.35 1.02 0.00
HOLTSVILLE_IC_8 23697	41.43 2.71 0.00	37.19 2.30 0.00	34.74 1.97 0.00	31.81 1.83 0.00	31.61 1.76 0.00	35.44 1.69 0.00	40.31 1.77 0.00	41.95 2.34 0.00	41.36 2.85 0.00	41.46 3.28 0.00	44.53 3.60 -0.01	46.47 2.71 0.00	47.24 1.77 0.00	50.61 1.72 0.19	53.25 1.62 0.44	55.80 1.95 0.48	63.20 2.50 0.34	77.97 3.09 0.57	80.58 3.39 0.00	79.07 2.23 0.11	68.91 0.73 4.90	62.17 1.04 0.01	50.65 0.82 1.60	47.35 1.02 0.00
HOLTSVILLE_IC_9 23698	41.43 2.71 0.00	37.19 2.30 0.00	34.74 1.97 0.00	31.81 1.83 0.00	31.61 1.76 0.00	35.44 1.69 0.00	40.31 1.77 0.00	41.95 2.34 0.00	41.36 2.85 0.00	41.46 3.28 0.00	44.53 3.60 -0.01	46.47 2.71 0.00	47.24 1.77 0.00	50.61 1.72 0.19	53.25 1.62 0.44	55.80 1.95 0.48	63.20 2.50 0.34	77.97 3.09 0.57	80.58 3.39 0.00	79.07 2.23 0.11	68.91 0.73 4.90	62.17 1.04 0.01	50.65 0.82 1.60	47.35 1.02 0.00
HOMER_HL_115KV_TB2 355744	38.53 -0.19 0.00	34.71 -0.17 0.00	32.28 -0.49 0.00	29.47 -0.51 0.00	29.46 -0.39 0.00	32.77 -0.98 0.00	36.38 -2.16 0.00	36.88 -2.73 0.00	36.74 -1.77 0.00	36.69 -1.49 0.00	39.33 -1.60 0.00	43.27 -0.48 0.00	44.88 -0.59 0.00	49.28 0.20 0.00	52.02 -0.05 0.00	54.44 0.11 0.00	60.12 -0.92 0.00	74.32 -1.13 0.00	77.96 0.77 0.00	77.80 0.85 0.00	72.64 -0.44 0.00	59.37 -1.77 0.00	50.19 -1.23 0.00	46.20 -0.14 0.00
HOWARD_WT_PWR 323690	39.62 0.89 0.00	35.69 0.80 0.00	33.23 0.46 0.00	30.34 0.36 0.00	30.29 0.45 0.00	33.92 0.17 0.00	37.80 -0.73 0.00	38.51 -1.11 0.00	37.82 -0.69 0.00	37.57 -0.61 0.00	40.35 -0.57 0.00	44.10 0.35 0.00	46.38 0.91 0.00	50.07 0.98 0.00	53.17 1.10 0.00	55.59 1.25 0.00	61.89 0.85 0.00	77.11 1.66 0.00	81.05 3.86 0.00	80.88 3.92 0.00	75.71 2.63 0.00	61.87 0.74 0.00	52.45 1.03 0.00	47.45 1.11 0.00
HQ_GEN_CEDARS 23644	39.15 0.43 0.00	35.16 0.28 0.00	33.03 0.26 0.00	30.19 0.21 0.00	29.99 0.15 0.00	34.19 0.44 0.00	39.35 0.81 0.00	40.41 0.79 0.00	39.09 0.58 0.00	38.71 0.53 0.00	41.54 0.61 0.00	44.41 0.66 0.00	46.24 0.77 0.00	49.92 0.83 0.00	52.64 0.57 0.00	54.55 0.22 0.00	61.22 0.18 0.00	75.52 0.08 0.00	76.88 -0.31 0.00	77.03 0.08 0.00	73.66 0.58 0.00	61.93 0.79 0.00	52.04 0.62 0.00	46.94 0.60 0.00
HQ_GEN_CEDARS_PROXY 323590	39.15 0.43 0.00	35.16 0.28 0.00	33.03 0.26 0.00	30.19 0.21 0.00	30.00 0.15 0.00	34.19 0.44 0.00	39.35 0.81 0.00	40.41 0.79 0.00	39.09 0.58 0.00	38.71 0.53 0.00	41.54 0.61 0.00	44.45 0.70 0.00	46.24 0.77 0.00	49.77 0.69 0.00	52.59 0.52 0.00	54.55 0.22 0.00	61.22 0.18 0.00	75.45 0.00 0.00	76.65 -0.54 0.00	76.88 -0.08 0.00	73.66 0.58 0.00	61.93 0.79 0.00	52.04 0.62 0.00	46.94 0.60 0.00

HQ_GEN_IMPORT 323601	38.57 -0.15 0.00	34.68 -0.21 0.00	32.57 -0.20 0.00	29.80 -0.18 0.00	29.64 -0.21 0.00	33.75 0.00 0.00	38.77 0.23 0.00	39.82 0.20 0.00	38.63 0.12 0.00	38.30 0.11 0.00	41.05 0.12 0.00	43.93 0.18 0.00	45.65 0.18 0.00	49.18 0.10 0.00	52.12 0.05 0.00	54.34 0.00 0.00	61.04 0.00 0.00	75.45 0.00 0.00	76.57 -0.62 0.00	76.57 -0.38 0.00	73.22 0.15 0.00	61.26 0.12 0.00	51.48 0.05 0.00	46.38 0.05 0.00
HQ_GEN_WHEEL 23651	38.57 -0.15 0.00	34.68 -0.21 0.00	32.57 -0.20 0.00	29.80 -0.18 0.00	29.64 -0.21 0.00	33.75 0.00 0.00	38.77 0.23 0.00	39.82 0.20 0.00	38.63 0.12 0.00	38.30 0.11 0.00	41.05 0.12 0.00	43.93 0.18 0.00	45.65 0.18 0.00	49.18 0.10 0.00	52.12 0.05 0.00	54.34 0.00 0.00	61.04 0.00 0.00	75.45 0.00 0.00	76.57 -0.62 0.00	76.57 -0.38 0.00	73.22 0.15 0.00	61.26 0.12 0.00	51.48 0.05 0.00	46.38 0.05 0.00
HUDSON AVE_GT_3 23810	40.78 2.05 0.00	36.77 1.88 0.00	34.41 1.64 0.00	31.48 1.50 0.00	31.40 1.55 0.00	35.30 1.55 0.00	40.27 1.73 0.00	41.72 2.10 0.00	40.90 2.39 0.00	40.78 2.60 0.00	43.71 2.78 0.00	46.55 2.80 0.00	48.38 2.91 0.00	51.83 2.75 0.00	54.78 2.71 0.00	57.16 2.83 0.00	64.03 2.99 0.00	78.69 3.24 0.00	80.51 3.32 0.00	80.03 3.08 0.00	75.20 2.12 0.00	62.91 1.77 0.00	53.53 2.11 0.00	48.52 2.18 0.00
HUDSON AVE_GT_4 23540	40.78 2.05 0.00	36.77 1.88 0.00	34.41 1.64 0.00	31.48 1.50 0.00	31.40 1.55 0.00	35.30 1.55 0.00	40.27 1.73 0.00	41.72 2.10 0.00	40.90 2.39 0.00	40.78 2.60 0.00	43.71 2.78 0.00	46.55 2.80 0.00	48.38 2.91 0.00	51.83 2.75 0.00	54.78 2.71 0.00	57.16 2.83 0.00	64.03 2.99 0.00	78.69 3.24 0.00	80.51 3.32 0.00	80.03 3.08 0.00	75.20 2.12 0.00	62.91 1.77 0.00	53.53 2.11 0.00	48.52 2.18 0.00
HUDSON AVE_GT_5 23657	40.78 2.05 0.00	36.77 1.88 0.00	34.41 1.64 0.00	31.48 1.50 0.00	31.40 1.55 0.00	35.30 1.55 0.00	40.27 1.73 0.00	41.72 2.10 0.00	40.90 2.39 0.00	40.78 2.60 0.00	43.71 2.78 0.00	46.55 2.80 0.00	48.38 2.91 0.00	51.83 2.75 0.00	54.78 2.71 0.00	57.16 2.83 0.00	64.03 2.99 0.00	78.69 3.24 0.00	80.51 3.32 0.00	80.03 3.08 0.00	75.20 2.12 0.00	62.91 1.77 0.00	53.53 2.11 0.00	48.52 2.18 0.00
HUDSON_AVE_10 24168	40.62 1.90 0.00	36.70 1.81 0.00	34.31 1.54 0.00	31.39 1.41 0.00	31.28 1.43 0.00	35.20 1.45 0.00	40.15 1.62 0.00	41.64 2.02 0.00	40.79 2.27 0.00	40.70 2.52 0.00	43.58 2.66 0.00	46.38 2.63 0.00	48.20 2.73 0.00	51.64 2.55 0.00	54.57 2.50 0.00	56.94 2.61 0.00	63.78 2.75 0.00	78.47 3.02 0.00	80.28 3.09 0.00	79.72 2.77 0.00	74.91 1.83 0.00	62.73 1.59 0.00	53.38 1.95 0.00	48.38 2.04 0.00
HUDSON___115KV_TB 4 355613	40.08 1.36 0.00	36.28 1.40 0.00	34.15 1.38 0.00	31.27 1.29 0.00	31.13 1.28 0.00	35.00 1.25 0.00	39.73 1.19 0.00	40.76 1.15 0.00	39.36 0.85 0.00	38.68 0.50 0.00	41.21 0.29 0.00	43.55 0.09 0.30	44.71 -0.09 0.67	47.50 -0.05 1.54	49.96 0.16 2.26	51.79 0.27 2.82	57.22 0.61 4.42	76.26 0.83 0.02	78.50 1.31 0.00	78.11 1.15 0.00	73.96 0.88 0.00	62.30 1.16 0.00	52.30 0.87 0.00	47.02 0.70 0.02
HUNTER MOUNT___DRP 323613	40.16 1.43 0.00	36.35 1.47 0.00	34.21 1.44 0.00	31.33 1.35 0.00	31.19 1.34 0.00	35.07 1.32 0.00	39.77 1.23 0.00	40.76 1.15 0.00	39.28 0.77 0.00	38.49 0.31 0.00	40.92 0.00 0.43	43.37 0.04 0.43	44.44 -0.05 0.98	46.94 0.10 2.24	49.09 0.31 3.30	50.72 0.49 4.10	55.51 0.92 6.44	76.71 1.28 0.02	78.73 1.54 0.00	78.41 1.46 0.00	74.25 1.17 0.00	62.54 1.41 0.00	52.45 1.03 0.00	47.24 0.93 0.02
HUNTINGTON_RES_REC 323705	41.20 2.48 0.00	36.98 2.09 0.00	34.54 1.77 0.00	31.60 1.62 0.00	31.43 1.58 0.00	35.27 1.52 0.00	40.12 1.58 0.00	41.71 2.10 0.00	41.13 2.62 0.00	41.24 3.06 0.00	44.24 3.31 -0.01	46.07 2.32 0.00	46.88 1.41 0.00	49.88 1.33 0.53	52.07 1.25 1.25	54.51 1.58 1.41	62.07 2.01 0.98	76.05 2.26 1.66	79.73 2.54 0.00	78.08 1.46 0.33	68.34 0.15 4.88	61.62 0.49 0.01	50.19 0.36 1.59	46.80 0.46 0.00
HUNTLEY___63 23557	38.76 0.04 0.00	35.06 0.17 0.00	32.57 -0.20 0.00	29.71 -0.27 0.00	29.70 -0.15 0.00	32.94 -0.81 0.00	36.34 -2.20 0.00	37.16 -2.46 0.00	37.09 -1.42 0.00	37.00 -1.18 0.00	39.61 -1.31 0.00	43.75 0.00 0.00	45.20 -0.27 0.00	49.67 0.59 0.00	53.16 1.09 0.00	55.59 1.25 0.00	60.73 -0.31 0.00	75.15 -0.30 0.00	78.97 1.78 0.00	78.80 1.85 0.00	73.44 0.37 0.00	59.92 -1.22 0.00	50.96 -0.46 0.00	46.11 -0.23 0.00
HUNTLEY___64 23558	38.76 0.04 0.00	35.06 0.17 0.00	32.57 -0.20 0.00	29.71 -0.27 0.00	29.70 -0.15 0.00	32.94 -0.81 0.00	36.34 -2.20 0.00	37.16 -2.46 0.00	37.09 -1.42 0.00	37.00 -1.18 0.00	39.61 -1.31 0.00	43.75 0.00 0.00	45.20 -0.27 0.00	49.67 0.59 0.00	53.16 1.09 0.00	55.59 1.25 0.00	60.73 -0.31 0.00	75.15 -0.30 0.00	78.97 1.78 0.00	78.80 1.85 0.00	73.44 0.37 0.00	59.92 -1.22 0.00	50.96 -0.46 0.00	46.11 -0.23 0.00
HUNTLEY___65 23559	38.76 0.04 0.00	35.06 0.17 0.00	32.57 -0.20 0.00	29.71 -0.27 0.00	29.70 -0.15 0.00	32.94 -0.81 0.00	36.34 -2.20 0.00	37.16 -2.46 0.00	37.09 -1.42 0.00	37.00 -1.18 0.00	39.61 -1.31 0.00	43.75 0.00 0.00	45.20 -0.27 0.00	49.67 0.59 0.00	53.16 1.09 0.00	55.59 1.25 0.00	60.73 -0.31 0.00	75.15 -0.30 0.00	78.97 1.78 0.00	78.80 1.85 0.00	73.44 0.37 0.00	59.92 -1.22 0.00	50.96 -0.46 0.00	46.11 -0.23 0.00
HUNTLEY___66 23560	38.76 0.04 0.00	35.06 0.17 0.00	32.57 -0.20 0.00	29.71 -0.27 0.00	29.70 -0.15 0.00	32.94 -0.81 0.00	36.34 -2.20 0.00	37.16 -2.46 0.00	37.09 -1.42 0.00	37.00 -1.18 0.00	39.61 -1.31 0.00	43.75 0.00 0.00	45.20 -0.27 0.00	49.67 0.59 0.00	53.16 1.09 0.00	55.59 1.25 0.00	60.73 -0.31 0.00	75.15 -0.30 0.00	78.97 1.78 0.00	78.80 1.85 0.00	73.44 0.37 0.00	59.92 -1.22 0.00	50.96 -0.46 0.00	46.11 -0.23 0.00
HUNTLEY___67 23561	38.49 -0.23 0.00	34.81 -0.07 0.00	32.38 -0.39 0.00	29.56 -0.42 0.00	29.49 -0.36 0.00	32.74 -1.01 0.00	36.19 -2.35 0.00	37.00 -2.61 0.00	36.90 -1.62 0.00	36.77 -1.41 0.00	39.37 -1.56 0.00	43.45 -0.31 0.00	44.88 -0.59 0.00	49.28 0.20 0.00	52.69 0.62 0.00	55.04 0.71 0.00	60.43 -0.61 0.00	74.77 -0.68 0.00	78.50 1.31 0.00	78.34 1.39 0.00	73.15 0.07 0.00	59.67 -1.47 0.00	50.65 -0.77 0.00	45.83 -0.51 0.00
HUNTLEY___68 23562	38.49 -0.23 0.00	34.81 -0.07 0.00	32.38 -0.39 0.00	29.56 -0.42 0.00	29.49 -0.36 0.00	32.74 -1.01 0.00	36.19 -2.35 0.00	37.00 -2.61 0.00	36.90 -1.62 0.00	36.77 -1.41 0.00	39.37 -1.56 0.00	43.45 -0.31 0.00	44.88 -0.59 0.00	49.28 0.20 0.00	52.69 0.62 0.00	55.04 0.71 0.00	60.43 -0.61 0.00	74.77 -0.68 0.00	78.50 1.31 0.00	78.34 1.39 0.00	73.15 0.07 0.00	59.67 -1.47 0.00	50.65 -0.77 0.00	45.83 -0.51 0.00



HYLAND___LFGE 323620	40.70 1.97 0.00	36.59 1.71 0.00	34.21 1.44 0.00	31.21 1.23 0.00	31.10 1.25 0.00	34.83 1.08 0.00	39.00 0.46 0.00	39.62 0.00 0.00	38.32 -0.19 0.00	37.80 -0.38 0.00	40.43 -0.49 0.00	44.15 0.39 0.00	46.52 1.05 0.00	50.16 1.08 0.00	51.86 -0.21 0.00	54.39 0.05 0.00	60.86 -0.18 0.00	76.81 1.36 0.00	81.51 4.32 0.00	82.65 5.69 0.00	78.19 5.11 0.00	64.13 3.00 0.00	54.25 2.83 0.00	50.09 3.75 0.00
INDECK___CORINTH 23802	40.23 1.51 0.00	36.21 1.33 0.00	34.11 1.34 0.00	31.15 1.17 0.00	31.10 1.25 0.00	35.03 1.28 0.00	39.88 1.35 0.00	40.96 1.35 0.00	39.44 0.92 0.00	38.94 0.76 0.00	41.33 0.41 0.00	44.10 0.35 0.00	45.52 0.05 0.00	49.33 0.25 0.00	52.59 0.52 0.00	55.10 0.76 0.00	62.19 1.16 0.00	77.34 1.89 0.00	80.82 3.63 0.00	80.26 3.31 0.00	76.44 3.36 0.00	64.19 3.06 0.00	53.64 2.21 0.00	47.96 1.62 0.00
INDECK___ILION 23567	38.96 0.23 0.00	35.13 0.24 0.00	33.00 0.23 0.00	30.16 0.18 0.00	30.02 0.18 0.00	33.92 0.17 0.00	38.69 0.15 0.00	39.77 0.16 0.00	38.63 0.12 0.00	38.26 0.08 0.00	41.00 0.08 0.00	43.84 0.09 0.00	45.56 0.09 0.00	49.18 0.10 0.00	52.23 0.16 0.00	54.55 0.22 0.00	61.28 0.24 0.00	75.83 0.38 0.00	77.81 0.62 0.00	77.49 0.54 0.00	73.44 0.37 0.00	61.44 0.31 0.00	51.63 0.21 0.00	46.48 0.14 0.00
INDECK___OLEAN 23982	38.53 -0.19 0.00	34.71 -0.17 0.00	32.28 -0.49 0.00	29.41 -0.57 0.00	29.43 -0.42 0.00	32.77 -0.98 0.00	36.38 -2.16 0.00	36.96 -2.65 0.00	36.74 -1.77 0.00	36.69 -1.49 0.00	39.33 -1.60 0.00	43.27 -0.48 0.00	45.75 0.27 0.00	49.48 0.39 0.00	52.17 0.10 0.00	54.66 0.33 0.00	60.37 -0.67 0.00	75.00 -0.45 0.00	78.65 1.46 0.00	78.18 1.23 0.00	72.71 -0.36 0.00	59.36 -1.77 0.00	50.96 -0.46 0.00	46.85 0.51 0.00
INDECK___OSWEGO 23783	37.99 -0.74 0.00	34.22 -0.66 0.00	32.11 -0.66 0.00	29.38 -0.60 0.00	29.28 -0.57 0.00	33.01 -0.74 0.00	37.53 -1.00 0.00	38.23 -1.39 0.00	37.20 -1.31 0.00	36.88 -1.30 0.00	39.57 -1.35 0.00	42.40 -1.36 0.00	44.15 -1.32 0.00	47.71 -1.37 0.00	50.72 -1.35 0.00	52.98 -1.36 0.00	59.51 -1.52 0.00	73.64 -1.81 0.00	75.88 -1.31 0.00	75.64 -1.31 0.00	71.54 -1.54 0.00	59.67 -1.47 0.00	50.29 -1.13 0.00	45.64 -0.69 0.00
INDECK___YERKES 23781	38.80 0.08 0.00	35.10 0.21 0.00	32.61 -0.16 0.00	29.86 -0.12 0.00	29.82 -0.03 0.00	32.98 -0.77 0.00	36.34 -2.19 0.00	37.32 -2.30 0.00	37.13 -1.38 0.00	37.04 -1.14 0.00	39.65 -1.27 0.00	43.84 0.09 0.00	46.52 1.05 0.00	50.02 0.93 0.00	53.48 1.41 0.00	55.91 1.58 0.00	61.16 0.12 0.00	76.05 0.60 0.00	79.82 2.63 0.00	79.26 2.31 0.00	73.66 0.58 0.00	59.97 -1.16 0.00	52.09 0.67 0.00	47.12 0.79 0.00
INDIAN POINT_GT_1 24139	40.39 1.67 0.00	36.45 1.57 0.00	34.15 1.38 0.00	31.24 1.26 0.00	31.13 1.28 0.00	35.00 1.25 0.00	39.88 1.35 0.00	41.24 1.62 0.00	40.32 1.81 0.00	40.13 1.95 0.00	43.05 2.13 0.00	45.81 2.06 0.00	47.61 2.14 0.00	51.05 1.96 0.00	54.10 2.03 0.00	56.45 2.12 0.00	63.42 2.38 0.00	78.09 2.64 0.00	80.05 2.86 0.00	79.49 2.54 0.00	74.76 1.68 0.00	62.67 1.53 0.00	53.07 1.65 0.00	47.96 1.62 0.00
INDIAN POINT_GT_2 23659	40.39 1.67 0.00	36.45 1.57 0.00	34.15 1.38 0.00	31.24 1.26 0.00	31.13 1.28 0.00	35.00 1.25 0.00	39.88 1.35 0.00	41.24 1.62 0.00	40.32 1.81 0.00	40.13 1.95 0.00	43.05 2.13 0.00	45.81 2.06 0.00	47.61 2.14 0.00	51.05 1.96 0.00	54.10 2.03 0.00	56.45 2.12 0.00	63.42 2.38 0.00	78.09 2.64 0.00	80.05 2.86 0.00	79.49 2.54 0.00	74.76 1.68 0.00	62.67 1.53 0.00	53.07 1.65 0.00	47.96 1.62 0.00
INDIAN POINT_GT_3 24019	40.39 1.67 0.00	36.45 1.57 0.00	34.15 1.38 0.00	31.24 1.26 0.00	31.13 1.28 0.00	35.00 1.25 0.00	39.88 1.35 0.00	41.24 1.62 0.00	40.32 1.81 0.00	40.13 1.95 0.00	43.05 2.13 0.00	45.81 2.06 0.00	47.61 2.14 0.00	51.05 1.96 0.00	54.10 2.03 0.00	56.45 2.12 0.00	63.42 2.38 0.00	78.09 2.64 0.00	80.05 2.86 0.00	79.49 2.54 0.00	74.76 1.68 0.00	62.67 1.53 0.00	53.07 1.65 0.00	47.96 1.62 0.00
INDIAN POINT___2 23530	40.31 1.59 0.00	36.42 1.53 0.00	34.11 1.34 0.00	31.21 1.23 0.00	31.10 1.25 0.00	34.97 1.21 0.00	39.81 1.27 0.00	41.16 1.54 0.00	40.25 1.73 0.00	40.09 1.91 0.00	42.97 2.05 0.00	45.72 1.97 0.00	47.34 1.87 0.00	51.00 1.91 0.00	54.00 1.93 0.00	56.35 2.01 0.00	63.23 2.19 0.00	77.93 2.49 0.00	79.96 2.77 0.00	79.41 2.46 0.00	74.62 1.54 0.00	62.55 1.41 0.00	52.86 1.44 0.00	47.73 1.39 0.00
INDIAN POINT___3 23531	40.31 1.59 0.00	36.42 1.53 0.00	34.11 1.34 0.00	31.21 1.23 0.00	31.10 1.25 0.00	34.97 1.22 0.00	39.81 1.27 0.00	41.16 1.55 0.00	40.25 1.73 0.00	40.09 1.91 0.00	42.97 2.05 0.00	45.72 1.97 0.00	47.34 2.05 0.00	50.95 1.87 0.00	54.00 1.93 0.00	56.35 2.01 0.00	63.30 2.26 0.00	77.94 2.49 0.00	79.81 2.62 0.00	79.26 2.31 0.00	74.54 1.46 0.00	62.54 1.41 0.00	52.97 1.54 0.00	47.91 1.58 0.00
INGHAM_C_115KV_TB7 356103	38.88 0.15 0.00	35.06 0.17 0.00	32.93 0.16 0.00	30.10 0.12 0.00	29.96 0.12 0.00	33.85 0.10 0.00	38.61 0.08 0.00	39.66 0.04 0.00	38.51 0.00 0.00	38.14 -0.04 0.00	40.88 -0.04 0.00	43.75 0.00 0.00	45.43 -0.05 0.00	49.04 -0.05 0.00	52.07 0.00 0.00	54.39 0.05 0.00	61.16 0.12 0.00	75.67 0.23 0.00	77.73 0.54 0.00	77.41 0.46 0.00	73.37 0.29 0.00	61.38 0.24 0.00	51.53 0.10 0.00	46.34 0.00 0.00
IP CORINTH___1 23988	40.43 1.70 0.00	36.38 1.50 0.00	34.31 1.54 0.00	31.33 1.35 0.00	31.25 1.40 0.00	35.20 1.45 0.00	40.12 1.58 0.00	41.16 1.55 0.00	39.67 1.16 0.00	39.17 0.99 0.00	41.54 0.61 0.00	44.37 0.61 0.00	45.88 0.41 0.00	49.58 0.49 0.00	52.85 0.78 0.00	55.42 1.09 0.00	62.56 1.53 0.00	77.79 2.34 0.00	81.20 4.01 0.00	80.65 3.69 0.00	76.88 3.80 0.00	64.50 3.36 0.00	54.00 2.57 0.00	48.28 1.95 0.00
IP___TICONDEROGA 23804	42.21 3.49 0.00	37.88 3.00 0.00	35.78 3.01 0.00	32.59 2.61 0.00	32.59 2.75 0.00	36.76 3.00 0.00	41.77 3.24 0.00	42.75 3.13 0.00	40.94 2.43 0.00	40.32 2.14 0.00	42.85 1.92 0.00	45.85 2.10 0.00	47.43 1.96 0.00	51.49 2.41 0.00	55.04 2.97 0.00	57.70 3.37 0.00	65.31 4.27 0.00	81.64 6.19 0.00	85.68 8.49 0.00	85.19 8.23 0.00	81.41 8.33 0.00	68.29 7.15 0.00	56.93 5.50 0.00	50.65 4.31 0.00
ISLIP_RES_REC 323679	41.67 2.94 0.00	37.40 2.51 0.00	34.90 2.13 0.00	31.96 1.98 0.00	31.76 1.91 0.00	35.61 1.86 0.00	40.50 1.96 0.00	42.15 2.54 0.00	41.59 3.08 0.00	41.69 3.51 0.00	44.82 3.89 -0.01	46.81 3.06 0.00	47.65 2.18 0.00	51.01 2.11 0.18	53.73 2.08 0.43	56.31 2.45 0.47	63.82 3.11 0.33	78.66 3.77 0.56	81.28 4.09 0.00	79.76 2.92 0.11	69.52 1.32 4.87	62.66 1.53 0.01	51.02 1.18 1.59	47.63 1.30 0.00

JAMAICA__27_KV_LOAD 355505	40.82 2.09 0.00	36.91 2.02 0.00	34.51 1.74 0.00	31.54 1.56 0.00	31.43 1.58 0.00	35.41 1.65 0.00	40.39 1.85 0.00	41.91 2.30 0.00	41.13 2.62 0.00	41.04 2.86 0.00	43.75 2.82 0.00	46.60 2.84 0.00	48.43 2.96 0.00	51.88 2.80 0.00	54.88 2.81 0.00	57.27 2.93 0.00	64.15 3.11 0.00	78.92 3.47 0.00	80.74 3.55 0.00	80.26 3.31 0.00	75.42 2.34 0.00	63.03 1.90 0.00	53.84 2.42 0.00	48.70 2.36 0.00
JANIS__SOLAR 323808	40.39 1.66 0.00	36.35 1.46 0.00	34.05 1.28 0.00	31.09 1.11 0.00	30.98 1.13 0.00	34.97 1.21 0.00	39.65 1.12 0.00	41.24 1.62 0.00	39.71 1.20 0.00	38.87 0.69 0.00	41.58 0.65 0.00	44.85 1.09 0.00	46.74 1.27 0.00	50.70 1.62 0.00	53.89 1.82 0.00	55.75 1.41 0.00	63.11 2.08 0.00	78.92 3.47 0.00	82.67 5.48 0.00	82.65 5.69 0.00	78.12 5.04 0.00	64.68 3.54 0.00	54.20 2.78 0.00	48.65 2.32 0.00
JARVIS____ 23743	38.88 0.16 0.00	35.06 0.18 0.00	32.97 0.20 0.00	30.13 0.15 0.00	30.00 0.15 0.00	33.89 0.14 0.00	38.61 0.08 0.00	39.74 0.12 0.00	38.59 0.08 0.00	38.26 0.08 0.00	41.00 0.08 0.00	43.80 0.04 0.00	45.52 0.05 0.00	49.13 0.05 0.00	52.12 0.05 0.00	54.44 0.11 0.00	61.16 0.12 0.00	75.60 0.15 0.00	77.58 0.39 0.00	77.26 0.31 0.00	73.15 0.07 0.00	61.26 0.12 0.00	51.53 0.10 0.00	46.38 0.05 0.00
JENNISON____1 23625	40.58 1.86 0.00	36.56 1.67 0.00	34.31 1.54 0.00	31.30 1.32 0.00	31.19 1.34 0.00	35.17 1.42 0.00	39.88 1.35 0.00	40.33 0.71 0.00	39.28 0.77 0.00	38.91 0.73 0.00	41.70 0.78 0.00	44.89 1.14 0.00	46.65 1.18 0.00	50.56 1.47 0.00	53.63 1.56 0.00	56.67 2.34 0.00	63.91 2.87 0.00	79.52 4.07 0.00	82.75 5.56 0.00	82.49 5.54 0.00	77.97 4.90 0.00	64.75 3.61 0.00	54.15 2.73 0.00	48.70 2.36 0.00
JENNISON____2 23626	40.58 1.86 0.00	36.56 1.67 0.00	34.31 1.54 0.00	31.30 1.32 0.00	31.19 1.34 0.00	35.17 1.42 0.00	39.88 1.35 0.00	40.33 0.71 0.00	39.28 0.77 0.00	38.91 0.73 0.00	41.70 0.78 0.00	44.89 1.14 0.00	46.65 1.18 0.00	50.56 1.47 0.00	53.63 1.56 0.00	56.67 2.34 0.00	63.91 2.87 0.00	79.52 4.07 0.00	82.75 5.56 0.00	82.49 5.54 0.00	77.97 4.90 0.00	64.75 3.61 0.00	54.15 2.73 0.00	48.70 2.36 0.00
JERICOHO_RISE_WT_PWR 323719	39.03 0.31 0.00	35.06 0.18 0.00	32.93 0.16 0.00	30.10 0.12 0.00	29.90 0.06 0.00	34.12 0.37 0.00	39.27 0.73 0.00	40.29 0.67 0.00	39.01 0.50 0.00	38.64 0.46 0.00	41.45 0.53 0.00	44.36 0.61 0.00	46.15 0.68 0.00	49.48 0.39 0.00	52.12 0.05 0.00	54.17 -0.16 0.00	60.86 -0.18 0.00	75.15 -0.30 0.00	76.18 -1.01 0.00	76.42 -0.53 0.00	73.15 0.07 0.00	61.08 -0.06 0.00	51.17 -0.26 0.00	46.24 -0.09 0.00
KATONAH__115KV_46KV_TB4 355592	40.54 1.82 0.00	36.59 1.71 0.00	34.28 1.51 0.00	31.39 1.41 0.00	31.28 1.43 0.00	35.20 1.45 0.00	40.08 1.54 0.00	41.44 1.82 0.00	40.48 1.96 0.00	40.28 2.10 0.00	43.21 2.29 0.00	46.03 2.28 0.00	47.88 2.41 0.00	51.39 2.31 0.00	54.52 2.45 0.00	56.84 2.50 0.00	63.91 2.87 0.00	78.77 3.32 0.00	80.74 3.55 0.00	80.26 3.31 0.00	75.42 2.34 0.00	63.16 2.02 0.00	53.38 1.95 0.00	48.19 1.85 0.00
KCE_NY_1 323755	40.54 1.82 0.00	36.56 1.67 0.00	34.41 1.64 0.00	31.48 1.50 0.00	31.37 1.52 0.00	35.31 1.55 0.00	40.19 1.66 0.00	41.24 1.62 0.00	39.82 1.31 0.00	39.37 1.18 0.00	41.98 1.06 0.00	44.80 1.05 0.00	46.38 0.91 0.00	50.22 1.13 0.00	53.48 1.41 0.00	55.96 1.63 0.00	63.05 2.01 0.00	78.24 2.79 0.00	81.05 3.86 0.00	80.57 3.62 0.00	76.44 3.36 0.00	64.25 3.12 0.00	53.84 2.42 0.00	48.28 1.95 0.00
KCE_NY_6_ESR 323823	38.96 0.23 0.00	35.16 0.28 0.00	32.70 -0.07 0.00	29.80 -0.18 0.00	29.76 -0.09 0.00	33.11 -0.64 0.00	36.61 -1.93 0.00	37.48 -2.14 0.00	37.28 -1.23 0.00	37.19 -0.99 0.00	39.82 -1.10 0.00	43.97 0.22 0.00	46.61 1.14 0.00	50.22 1.13 0.00	53.63 1.56 0.00	56.07 1.74 0.00	61.77 0.74 0.00	76.81 1.36 0.00	80.67 3.48 0.00	80.11 3.16 0.00	74.39 1.32 0.00	60.65 -0.49 0.00	52.30 0.87 0.00	47.26 0.93 0.00
KEDC PORT_JEFF_GT2 24210	41.36 2.63 0.00	37.12 2.23 0.00	34.67 1.90 0.00	31.75 1.77 0.00	31.55 1.70 0.00	35.37 1.62 0.00	40.23 1.69 0.00	41.83 2.22 0.00	41.29 2.77 0.00	41.35 3.17 0.00	44.41 3.48 -0.01	46.33 2.58 0.00	47.15 1.68 0.00	50.40 1.52 0.21	52.94 1.35 0.49	55.43 1.63 0.54	62.80 2.14 0.38	77.00 2.19 0.64	79.66 2.47 0.00	78.13 1.31 0.13	68.09 -0.07 4.91	61.80 0.67 0.01	50.49 0.67 1.60	47.21 0.88 0.00
KEDC PORT_JEFF_GT3 24211	41.36 2.63 0.00	37.12 2.23 0.00	34.67 1.90 0.00	31.75 1.77 0.00	31.55 1.70 0.00	35.37 1.62 0.00	40.23 1.69 0.00	41.83 2.22 0.00	41.29 2.77 0.00	41.35 3.17 0.00	44.41 3.48 -0.01	46.33 2.58 0.00	47.15 1.68 0.00	50.40 1.52 0.21	52.94 1.35 0.49	55.43 1.63 0.54	62.80 2.14 0.38	77.00 2.19 0.64	79.66 2.47 0.00	78.13 1.31 0.13	68.09 -0.07 4.91	61.80 0.67 0.01	50.49 0.67 1.60	47.21 0.88 0.00
KEDC_GLWD_GT4 24219	41.09 2.36 0.00	36.98 2.09 0.00	34.57 1.80 0.00	31.63 1.65 0.00	31.49 1.64 0.00	35.41 1.65 0.00	40.31 1.77 0.00	41.75 2.14 0.00	41.05 2.54 0.00	40.89 2.71 0.00	43.88 2.95 -0.01	46.38 2.62 0.00	47.93 2.45 0.00	51.63 2.55 0.00	54.61 2.55 0.01	57.11 2.77 0.00	63.72 2.68 0.00	78.47 3.02 0.00	80.51 3.32 0.00	79.65 2.69 0.00	72.99 1.54 1.63	62.54 1.41 0.00	52.59 1.69 0.53	47.91 1.58 0.00
KEDC_GLWD_GT5 24220	41.09 2.36 0.00	36.98 2.09 0.00	34.57 1.80 0.00	31.63 1.65 0.00	31.49 1.64 0.00	35.41 1.65 0.00	40.31 1.77 0.00	41.75 2.14 0.00	41.05 2.54 0.00	40.89 2.71 0.00	43.88 2.95 -0.01	46.38 2.62 0.00	47.93 2.45 0.00	51.63 2.55 0.00	54.61 2.55 0.01	57.11 2.77 0.00	63.72 2.68 0.00	78.47 3.02 0.00	80.51 3.32 0.00	79.65 2.69 0.00	72.99 1.54 1.63	62.54 1.41 0.00	52.59 1.69 0.53	47.91 1.58 0.00
KENSICO____ 23655	40.51 1.78 0.00	36.56 1.67 0.00	34.24 1.47 0.00	31.33 1.35 0.00	31.22 1.37 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.36 1.74 0.00	40.48 1.96 0.00	40.32 2.14 0.00	43.21 2.29 0.00	45.98 2.23 0.00	47.84 2.36 0.00	51.25 2.16 0.00	54.31 2.24 0.00	56.67 2.34 0.00	63.60 2.56 0.00	78.32 2.87 0.00	80.20 3.01 0.00	79.65 2.69 0.00	74.91 1.83 0.00	62.73 1.59 0.00	53.17 1.75 0.00	48.10 1.76 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.51 1.78 0.00	36.59 1.71 0.00	34.24 1.47 0.00	31.33 1.35 0.00	31.19 1.34 0.00	35.10 1.35 0.00	39.92 1.39 0.00	41.16 1.55 0.00	40.17 1.66 0.00	39.90 1.72 0.00	42.76 1.84 0.00	45.63 1.93 0.05	47.54 2.18 0.12	51.08 2.26 0.27	54.12 2.45 0.39	56.45 2.61 0.49	63.44 3.17 0.77	79.44 4.00 0.00	81.59 4.40 0.00	81.11 4.16 0.00	76.29 3.22 0.00	63.89 2.75 0.00	53.89 2.47 0.00	48.51 2.18 0.00

KLAC_JFK_GT1 23816	40.43 1.70 0.00	36.66 1.78 0.00	34.31 1.54 0.00	31.36 1.38 0.00	31.28 1.43 0.00	35.20 1.45 0.00	40.04 1.50 0.00	41.56 1.94 0.00	40.79 2.27 0.00	40.66 2.48 0.00	43.38 2.46 0.00	46.16 2.41 0.00	47.97 2.50 0.00	51.39 2.31 0.00	54.36 2.29 0.00	56.73 2.39 0.00	63.54 2.50 0.00	78.09 2.64 0.00	79.89 2.70 0.00	79.42 2.46 0.00	74.61 1.53 0.00	62.36 1.22 0.00	53.33 1.90 0.00	48.24 1.90 0.00
KIAC_JFK_GT2 23817	40.43 1.70 0.00	36.66 1.78 0.00	34.31 1.54 0.00	31.36 1.38 0.00	31.28 1.43 0.00	35.20 1.45 0.00	40.04 1.50 0.00	41.56 1.94 0.00	40.79 2.27 0.00	40.66 2.48 0.00	43.38 2.46 0.00	46.16 2.41 0.00	47.97 2.50 0.00	51.39 2.31 0.00	54.36 2.29 0.00	56.73 2.39 0.00	63.54 2.50 0.00	78.09 2.64 0.00	79.89 2.70 0.00	79.42 2.46 0.00	74.61 1.53 0.00	62.36 1.22 0.00	53.33 1.90 0.00	48.24 1.90 0.00
KIAC_JFK____ 323774	40.43 1.70 0.00	36.66 1.78 0.00	34.31 1.54 0.00	31.36 1.38 0.00	31.28 1.43 0.00	35.20 1.45 0.00	40.04 1.50 0.00	41.52 1.90 0.00	40.78 2.27 0.00	40.70 2.52 0.00	43.38 2.46 0.00	46.16 2.40 0.00	47.74 2.27 0.00	51.44 2.36 0.00	54.36 2.29 0.00	56.67 2.33 0.00	63.48 2.44 0.00	78.02 2.57 0.00	79.96 2.77 0.00	79.57 2.62 0.00	74.62 1.54 0.00	62.36 1.22 0.00	53.22 1.80 0.00	48.05 1.72 0.00
KINTIGH__24_KV_GSU 356498	38.34 -0.39 0.00	34.64 -0.24 0.00	32.28 -0.49 0.00	29.47 -0.51 0.00	29.40 -0.45 0.00	32.67 -1.08 0.00	36.30 -2.24 0.00	37.32 -2.30 0.00	37.01 -1.50 0.00	36.81 -1.37 0.00	39.45 -1.47 0.00	43.40 -0.35 0.00	45.79 0.32 0.00	49.23 0.15 0.00	52.64 0.57 0.00	54.93 0.60 0.00	60.55 -0.49 0.00	75.22 -0.23 0.00	78.65 1.46 0.00	78.26 1.31 0.00	73.01 -0.07 0.00	59.67 -1.47 0.00	51.43 0.00 0.00	46.43 0.09 0.00
KINTIGH____ 23543	38.34 -0.39 0.00	34.64 -0.24 0.00	32.28 -0.49 0.00	29.47 -0.51 0.00	29.37 -0.48 0.00	32.67 -1.08 0.00	36.30 -2.24 0.00	37.24 -2.38 0.00	37.01 -1.50 0.00	36.81 -1.37 0.00	39.41 -1.51 0.00	43.36 -0.39 0.00	44.79 -0.68 0.00	49.04 -0.05 0.00	52.43 0.36 0.00	54.72 0.38 0.00	60.24 -0.79 0.00	74.54 -0.91 0.00	77.88 0.69 0.00	77.88 0.92 0.00	72.93 -0.15 0.00	59.61 -1.53 0.00	50.55 -0.87 0.00	45.64 -0.70 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	40.16 1.43 0.00	36.00 1.12 0.00	33.78 1.02 0.00	30.88 0.90 0.00	30.71 0.87 0.00	35.00 1.25 0.00	40.27 1.73 0.00	41.28 1.66 0.00	39.94 1.42 0.00	39.63 1.45 0.00	42.56 1.64 0.00	45.55 1.79 0.00	47.43 1.96 0.00	51.20 2.11 0.00	53.16 1.09 0.00	54.77 0.43 0.00	61.65 0.61 0.00	76.13 0.68 0.00	77.58 0.39 0.00	77.88 0.92 0.00	74.47 1.39 0.00	61.99 0.86 0.00	52.15 0.72 0.00	47.50 1.16 0.00
LACHUTE__HYDRO 323717	42.21 3.49 0.00	37.88 3.00 0.00	35.78 3.01 0.00	32.59 2.61 0.00	32.59 2.74 0.00	36.75 3.00 0.00	41.77 3.24 0.00	42.75 3.13 0.00	40.94 2.43 0.00	40.32 2.14 0.00	42.85 1.92 0.00	45.85 2.10 0.00	47.38 1.91 0.00	51.49 2.40 0.00	55.04 2.97 0.00	57.71 3.37 0.00	65.31 4.27 0.00	81.64 6.19 0.00	85.76 8.57 0.00	85.34 8.39 0.00	81.41 8.33 0.00	68.29 7.15 0.00	56.87 5.45 0.00	50.60 4.26 0.00
LAWRNCV__115KV_TB1 80681	39.34 0.62 0.00	35.34 0.45 0.00	33.20 0.43 0.00	30.34 0.36 0.00	30.14 0.30 0.00	34.39 0.64 0.00	39.58 1.04 0.00	40.61 0.99 0.																

LITTLRIV_115KV_TB1 356100	39.81 1.08 0.00	35.72 0.84 0.00	33.59 0.82 0.00	30.67 0.69 0.00	30.44 0.60 0.00	34.80 1.05 0.00	40.04 1.50 0.00	41.00 1.39 0.00	39.48 0.96 0.00	38.98 0.80 0.00	41.82 0.90 0.00	44.76 1.01 0.00	46.61 1.14 0.00	50.36 1.28 0.00	53.11 1.04 0.00	54.82 0.49 0.00	61.40 0.37 0.00	76.05 0.60 0.00	77.88 0.69 0.00	78.41 1.46 0.00	75.05 1.97 0.00	63.22 2.08 0.00	53.02 1.59 0.00	47.77 1.44 0.00
LI_NEWBRDGE___DRP 323616	40.97 2.25 0.00	36.84 1.95 0.00	34.41 1.64 0.00	31.48 1.50 0.00	31.31 1.46 0.00	35.17 1.42 0.00	40.04 1.50 0.00	41.64 2.02 0.00	40.90 2.39 0.00	40.93 2.75 0.00	43.79 2.86 0.00	46.38 2.63 0.00	48.06 2.59 0.00	50.45 1.37 0.01	53.46 1.41 0.02	56.02 1.68 0.00	63.05 2.01 0.00	77.64 2.19 0.00	79.51 2.32 0.00	78.41 1.46 0.00	68.28 0.51 5.31	61.74 0.61 0.01	50.47 0.77 1.73	47.77 1.44 0.00
LOCKPORT_115KV_TB60_63_64 80432	38.72 0.00 0.00	35.06 0.17 0.00	32.61 -0.16 0.00	29.74 -0.24 0.00	29.70 -0.15 0.00	32.94 -0.81 0.00	36.19 -2.35 0.00	36.92 -2.69 0.00	36.78 -1.73 0.00	36.69 -1.49 0.00	39.29 -1.64 0.00	43.40 -0.35 0.00	44.61 -0.86 0.00	48.99 -0.10 0.00	52.43 0.36 0.00	54.77 0.43 0.00	60.12 -0.92 0.00	74.39 -1.06 0.00	78.12 0.93 0.00	78.11 1.15 0.00	72.86 -0.22 0.00	59.43 -1.71 0.00	50.45 -0.98 0.00	45.69 -0.65 0.00
LOCKPORT___CC1 323769	38.69 -0.04 0.00	34.99 0.10 0.00	32.54 -0.23 0.00	29.47 -0.51 0.00	29.40 -0.45 0.00	32.91 -0.84 0.00	36.18 -2.35 0.00	37.04 -2.57 0.00	36.82 -1.69 0.00	36.69 -1.49 0.00	39.28 -1.64 0.00	43.40 -0.35 0.00	46.02 0.55 0.00	49.28 0.20 0.00	52.70 0.63 0.00	55.04 0.70 0.00	60.49 -0.55 0.00	75.22 -0.23 0.00	78.97 1.78 0.00	78.49 1.54 0.00	73.01 -0.07 0.00	59.49 -1.65 0.00	51.48 0.05 0.00	46.52 0.19 0.00
LOCKPORT___CC2 323770	38.69 -0.04 0.00	34.99 0.10 0.00	32.54 -0.23 0.00	29.47 -0.51 0.00	29.40 -0.45 0.00	32.91 -0.84 0.00	36.18 -2.35 0.00	37.04 -2.57 0.00	36.82 -1.69 0.00	36.69 -1.49 0.00	39.28 -1.64 0.00	43.40 -0.35 0.00	46.02 0.55 0.00	49.28 0.20 0.00	52.70 0.63 0.00	55.04 0.70 0.00	60.49 -0.55 0.00	75.22 -0.23 0.00	78.97 1.78 0.00	78.49 1.54 0.00	73.01 -0.07 0.00	59.49 -1.65 0.00	51.48 0.05 0.00	46.52 0.19 0.00
LOCKPORT___CC3 323771	38.69 -0.04 0.00	34.99 0.10 0.00	32.54 -0.23 0.00	29.47 -0.51 0.00	29.40 -0.45 0.00	32.91 -0.84 0.00	36.18 -2.35 0.00	37.04 -2.57 0.00	36.82 -1.69 0.00	36.69 -1.49 0.00	39.28 -1.64 0.00	43.40 -0.35 0.00	46.02 0.55 0.00	49.28 0.20 0.00	52.70 0.63 0.00	55.04 0.70 0.00	60.49 -0.55 0.00	75.22 -0.23 0.00	78.97 1.78 0.00	78.49 1.54 0.00	73.01 -0.07 0.00	59.49 -1.65 0.00	51.48 0.05 0.00	46.52 0.19 0.00
LOCUSVLY_69_KV_BK2 55797	41.28 2.56 0.00	37.12 2.23 0.00	34.70 1.93 0.00	31.72 1.74 0.00	31.58 1.73 0.00	35.47 1.72 0.00	40.35 1.81 0.00	41.95 2.34 0.00	41.25 2.73 0.00	41.20 3.02 0.00	44.20 3.27 0.00	46.82 3.06 0.00	48.65 3.18 0.00	51.44 2.36 0.00	54.51 2.45 0.01	57.11 2.77 0.00	64.09 3.05 0.00	78.84 3.40 0.00	80.74 3.55 0.00	79.72 2.77 0.00	72.27 1.68 2.49	62.66 1.53 0.00	52.21 1.59 0.81	48.38 2.04 0.00
LONG_LAKE_PHOENIX 24014	38.18 -0.54 0.00	34.40 -0.49 0.00	32.28 -0.49 0.00	29.53 -0.45 0.00	29.43 -0.42 0.00	33.18 -0.57 0.00	37.69 -0.85 0.00	38.67 -0.95 0.00	37.67 -0.85 0.00	37.34 -0.84 0.00	40.06 -0.86 0.00	43.01 -0.74 0.00	44.65 -0.82 0.00	48.40 -0.69 0.00	51.45 -0.62 0.00	53.74 -0.60 0.00	60.37 -0.67 0.00	74.69 -0.75 0.00	76.88 -0.31 0.00	76.72 -0.23 0.00	72.64 -0.44 0.00	60.53 -0.61 0.00	50.86 -0.57 0.00	45.83 -0.51 0.00
LOVETT___3 23632	40.27 1.55 0.00	36.38 1.50 0.00	34.08 1.31 0.00	31.18 1.20 0.00	31.07 1.22 0.00	34.93 1.18 0.00	39.77 1.23 0.00	41.08 1.47 0.00	40.21 1.69 0.00	40.01 1.83 0.00	42.89 1.96 0.00	45.63 1.88 0.00	47.47 2.00 0.00	50.85 1.77 0.00	53.89 1.82 0.00	56.24 1.90 0.00	63.17 2.14 0.00	77.79 2.34 0.00	79.66 2.47 0.00	79.11 2.15 0.00	74.47 1.39 0.00	62.42 1.28 0.00	52.87 1.44 0.00	47.82 1.48 0.00
LOVETT___4 23642	40.27 1.55 0.00	36.38 1.50 0.00	34.08 1.31 0.00	31.18 1.20 0.00	31.07 1.22 0.00	34.93 1.18 0.00	39.77 1.23 0.00	41.08 1.47 0.00	40.21 1.69 0.00	40.01 1.83 0.00	42.89 1.96 0.00	45.63 1.88 0.00	47.47 2.00 0.00	50.85 1.77 0.00	53.89 1.82 0.00	56.24 1.90 0.00	63.17 2.14 0.00	77.79 2.34 0.00	79.66 2.47 0.00	79.11 2.15 0.00	74.47 1.39 0.00	62.42 1.28 0.00	52.87 1.44 0.00	47.82 1.48 0.00
LOVETT___5 23593	40.27 1.55 0.00	36.38 1.50 0.00	34.08 1.31 0.00	31.18 1.20 0.00	31.07 1.22 0.00	34.93 1.18 0.00	39.77 1.23 0.00	41.08 1.47 0.00	40.21 1.69 0.00	40.01 1.83 0.00	42.89 1.96 0.00	45.63 1.88 0.00	47.47 2.00 0.00	50.85 1.77 0.00	53.89 1.82 0.00	56.24 1.90 0.00	63.17 2.14 0.00	77.79 2.34 0.00	79.66 2.47 0.00	79.11 2.15 0.00	74.47 1.39 0.00	62.42 1.28 0.00	52.87 1.44 0.00	47.82 1.48 0.00
LOWER RAQUET___HYD 24057	39.42 0.70 0.00	35.41 0.52 0.00	33.26 0.49 0.00	30.40 0.42 0.00	30.20 0.36 0.00	34.46 0.71 0.00	39.65 1.12 0.00	40.69 1.07 0.00	39.24 0.73 0.00	38.83 0.65 0.00	41.66 0.74 0.00	44.63 0.87 0.00	46.43 0.96 0.00	49.97 0.88 0.00	52.75 0.68 0.00	54.50 0.16 0.00	60.98 -0.06 0.00	75.30 -0.15 0.00	76.73 -0.46 0.00	77.18 0.23 0.00	73.88 0.81 0.00	62.30 1.16 0.00	52.35 0.93 0.00	47.22 0.88 0.00
LOWER___HUDSON 24059	40.08 1.35 0.00	36.24 1.36 0.00	34.11 1.34 0.00	31.24 1.26 0.00	31.10 1.25 0.00	34.97 1.21 0.00	39.81 1.27 0.00	40.88 1.27 0.00	39.55 1.04 0.00	39.17 0.99 0.00	41.82 0.90 0.00	44.50 0.74 0.00	46.11 0.64 0.00	49.87 0.78 0.00	52.95 0.88 0.00	55.42 1.09 0.00	62.38 1.34 0.00	77.04 1.59 0.00	79.50 2.31 0.00	78.95 2.00 0.00	74.68 1.61 0.00	62.91 1.77 0.00	52.76 1.33 0.00	47.50 1.16 0.00
LOWVILLE_115KV_TB2 356335	40.08 1.36 0.00	36.07 1.19 0.00	33.92 1.15 0.00	30.94 0.96 0.00	30.77 0.93 0.00	34.90 1.15 0.00	39.88 1.35 0.00	40.80 1.19 0.00	39.40 0.89 0.00	38.83 0.65 0.00	41.62 0.70 0.00	44.58 0.83 0.00	46.38 0.91 0.00	50.26 1.18 0.00	53.27 1.20 0.00	55.48 1.14 0.00	62.56 1.53 0.00	77.86 2.41 0.00	80.66 3.47 0.00	80.88 3.92 0.00	76.07 3.00 0.00	63.46 2.32 0.00	52.81 1.39 0.00	47.50 1.16 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	40.51 1.78 0.00	36.52 1.64 0.00	34.41 1.64 0.00	31.45 1.47 0.00	31.37 1.52 0.00	35.30 1.55 0.00	40.15 1.62 0.00	41.20 1.58 0.00	39.78 1.27 0.00	39.33 1.15 0.00	41.99 1.06 0.00	44.76 1.01 0.00	46.43 0.95 0.00	50.17 1.08 0.00	53.42 1.35 0.00	55.97 1.63 0.00	63.05 2.01 0.00	78.16 2.72 0.00	80.90 3.71 0.00	80.42 3.46 0.00	76.37 3.29 0.00	64.20 3.06 0.00	53.84 2.42 0.00	48.28 1.95 0.00

LUTHERNY_35_KV_BK2 355980	40.54 1.82 0.00	36.56 1.67 0.00	34.41 1.64 0.00	31.48 1.50 0.00	31.37 1.52 0.00	35.30 1.55 0.00	40.19 1.66 0.00	41.24 1.62 0.00	39.82 1.31 0.00	39.36 1.18 0.00	41.99 1.06 0.00	44.80 1.05 0.00	46.47 1.00 0.00	50.21 1.13 0.00	53.48 1.41 0.00	56.02 1.68 0.00	63.11 2.08 0.00	78.24 2.79 0.00	80.97 3.78 0.00	80.49 3.54 0.00	76.44 3.36 0.00	64.26 3.12 0.00	53.89 2.47 0.00	48.33 1.99 0.00
LWR___OSWEGATCHIE_HYD 23850	39.69 0.97 0.00	35.65 0.77 0.00	33.49 0.72 0.00	30.58 0.60 0.00	30.41 0.57 0.00	34.60 0.84 0.00	39.65 1.12 0.00	40.65 1.03 0.00	39.21 0.69 0.00	38.71 0.53 0.00	41.54 0.61 0.00	44.45 0.70 0.00	46.29 0.82 0.00	50.02 0.93 0.00	52.90 0.83 0.00	54.88 0.54 0.00	61.59 0.55 0.00	76.43 0.98 0.00	78.66 1.47 0.00	79.03 2.08 0.00	74.98 1.90 0.00	62.91 1.77 0.00	52.66 1.23 0.00	47.36 1.02 0.00
LYONS_FALL_HYD 23570	39.93 1.20 0.00	35.97 1.08 0.00	33.79 1.02 0.00	30.85 0.87 0.00	30.68 0.83 0.00	34.73 0.98 0.00	39.69 1.16 0.00	40.69 1.07 0.00	39.32 0.81 0.00	38.79 0.61 0.00	41.62 0.70 0.00	44.63 0.87 0.00	46.43 0.96 0.00	50.22 1.13 0.00	53.27 1.20 0.00	55.59 1.25 0.00	62.62 1.58 0.00	77.86 2.41 0.00	80.51 3.32 0.00	80.57 3.62 0.00	75.93 2.85 0.00	63.40 2.26 0.00	52.92 1.49 0.00	47.54 1.20 0.00
MADISON___COUNTY_LFGE 323628	39.92 1.20 0.00	35.97 1.08 0.00	33.78 1.02 0.00	30.85 0.87 0.00	30.68 0.84 0.00	34.70 0.95 0.00	39.54 1.00 0.00	40.57 0.95 0.00	39.32 0.81 0.00	38.83 0.65 0.00	41.66 0.74 0.00	44.76 1.01 0.00	46.52 1.05 0.00	50.41 1.33 0.00	53.53 1.46 0.00	55.91 1.58 0.00	63.05 2.01 0.00	78.24 2.79 0.00	80.82 3.63 0.00	80.72 3.77 0.00	76.44 3.36 0.00	63.77 2.63 0.00	53.33 1.90 0.00	47.91 1.58 0.00
MALONE___115KV_TB1 356076	39.65 0.93 0.00	35.55 0.66 0.00	33.39 0.62 0.00	30.52 0.54 0.00	30.32 0.48 0.00	34.60 0.84 0.00	39.85 1.31 0.00	40.88 1.27 0.00	39.48 0.96 0.00	39.17 0.99 0.00	42.07 1.15 0.00	44.98 1.23 0.00	46.88 1.41 0.00	50.56 1.47 0.00	53.16 1.09 0.00	54.93 0.60 0.00	61.71 0.67 0.00	76.20 0.75 0.00	77.65 0.46 0.00	78.03 1.08 0.00	74.61 1.53 0.00	62.30 1.16 0.00	52.25 0.82 0.00	47.08 0.74 0.00
MAPLEWOD_115KV_TB3 80458	39.81 1.08 0.00	36.04 1.15 0.00	33.95 1.18 0.00	31.09 1.11 0.00	30.95 1.10 0.00	34.80 1.05 0.00	39.54 1.00 0.00	40.69 1.07 0.00	39.40 0.89 0.00	38.98 0.80 0.00	41.66 0.74 0.00	44.19 0.44 0.00	45.88 0.41 0.00	49.48 0.39 0.00	52.59 0.52 0.00	55.04 0.71 0.00	61.89 0.85 0.00	76.50 1.06 0.00	78.66 1.47 0.00	78.11 1.15 0.00	73.96 0.88 0.00	62.24 1.10 0.00	52.35 0.93 0.00	47.03 0.70 0.00
MAPLE_RIDGE_WT_1 323574	38.72 0.00 0.00	34.88 0.00 0.00	32.77 0.00 0.00	29.98 0.00 0.00	29.79 -0.06 0.00	33.72 -0.03 0.00	38.57 0.04 0.00	39.62 0.00 0.00	38.47 -0.04 0.00	38.18 0.00 0.00	40.92 0.00 0.00	43.75 0.00 0.00	45.43 -0.05 0.00	48.99 -0.10 0.00	51.91 -0.16 0.00	54.07 -0.27 0.00	60.73 -0.30 0.00	75.07 -0.38 0.00	76.65 -0.54 0.00	76.49 -0.46 0.00	72.57 -0.51 0.00	60.53 -0.61 0.00	50.71 -0.72 0.00	45.55 -0.79 0.00
MAPLE_RIDGE_WT_2 323611	38.72 0.00 0.00	34.88 0.00 0.00	32.77 0.00 0.00	29.98 0.00 0.00	29.79 -0.06 0.00	33.72 -0.03 0.00	38.57 0.04 0.00	39.62 0.00 0.00	38.47 -0.04 0.00	38.18 0.00 0.00	40.92 0.00 0.00	43.75 0.00 0.00	45.43 -0.05 0.00	48.99 -0.10 0.00	51.91 -0.16 0.00	54.07 -0.27 0.00	60.73 -0.30 0.00	75.07 -0.38 0.00	76.65 -0.54 0.00	76.49 -0.46 0.00	72.57 -0.51 0.00	60.53 -0.61 0.00	50.71 -0.72 0.00	45.55 -0.79 0.00
MARBLE_RIVER_WT_PWR 323696	39.07 0.35 0.00	35.10 0.21 0.00	32.93 0.16 0.00	30.10 0.12 0.00	29.93 0.09 0.00	34.12 0.37 0.00	39.27 0.73 0.00	40.29 0.67 0.00	39.01 0.50 0.00	38.68 0.50 0.00	41.45 0.53 0.00	44.36 0.61 0.00	46.15 0.68 0.00	49.48 0.39 0.00	52.12 0.05 0.00	54.17 -0.16 0.00	60.86 -0.18 0.00	75.15 -0.30 0.00	76.27 -0.92 0.00	76.49 -0.46 0.00	73.15 0.07 0.00	61.08 -0.06 0.00	51.22 -0.20 0.00	46.29 -0.05 0.00
MARSHVLE_115KV_TB1 80742	41.43 2.71 0.00	37.26 2.37 0.00	35.06 2.29 0.00	32.02 2.04 0.00	31.96 2.12 0.00	36.05 2.30 0.00	40.81 2.27 0.00	41.32 1.70 0.00	39.63 1.12 0.00	39.02 0.84 0.00	41.86 0.94 0.00	44.67 0.92 0.00	46.38 0.91 0.00	50.31 1.23 0.00	53.74 1.67 0.00	56.35 2.01 0.00	63.54 2.50 0.00	79.52 4.07 0.00	82.90 5.71 0.00	83.42 6.46 0.00	79.51 6.43 0.00	66.52 5.38 0.00	55.59 4.17 0.00	49.77 3.43 0.00
MARSH_HILL_WT_PWR 323713	39.62 0.89 0.00	35.65 0.77 0.00	33.23 0.46 0.00	30.34 0.36 0.00	30.29 0.45 0.00	33.89 0.14 0.00	37.80 -0.73 0.00	38.51 -1.11 0.00	37.78 -0.73 0.00	37.53 -0.65 0.00	40.31 -0.61 0.00	44.02 0.26 0.00	46.33 0.86 0.00	50.02 0.93 0.00	53.11 1.04 0.00	55.48 1.14 0.00	61.83 0.79 0.00	76.96 1.51 0.00	80.90 3.71 0.00	80.72 3.77 0.00	75.63 2.56 0.00	61.87 0.74 0.00	52.40 0.97 0.00	47.40 1.07 0.00
MCINTYRE_115KV_TB2 80467	39.92 1.20 0.00	35.83 0.94 0.00	33.69 0.92 0.00	30.73 0.75 0.00	30.53 0.69 0.00	34.87 1.11 0.00	40.12 1.58 0.00	41.04 1.43 0.00	39.48 0.96 0.00	38.98 0.80 0.00	41.78 0.86 0.00	44.72 0.96 0.00	46.56 1.09 0.00	50.26 1.18 0.00	53.06 0.99 0.00	54.82 0.49 0.00	61.53 0.49 0.00	76.28 0.83 0.00	78.12 0.93 0.00	78.80 1.85 0.00	75.49 2.41 0.00	63.52 2.38 0.00	53.23 1.80 0.00	47.96 1.62 0.00
MECO_____69_KV_BK1 80468	41.78 3.06 0.00	37.54 2.65 0.00	35.36 2.59 0.00	32.26 2.28 0.00	32.26 2.42 0.00	36.38 2.63 0.00	41.27 2.74 0.00	42.03 2.42 0.00	40.25 1.73 0.00	39.63 1.45 0.00	42.40 1.47 0.00	45.28 1.53 0.00	46.97 1.50 0.00	50.95 1.87 0.00	54.41 2.34 0.00	57.11 2.77 0.00	64.52 3.48 0.00	80.81 5.36 0.00	84.21 7.02 0.00	84.26 7.31 0.00	80.24 7.16 0.00	67.13 5.99 0.00	56.16 4.73 0.00	50.14 3.80 0.00
MENANDS___115KV_TB5 355628	39.61 0.89 0.00	35.90 1.01 0.00	33.78 1.02 0.00	30.97 0.99 0.00	30.83 0.98 0.00	34.63 0.88 0.00	39.38 0.85 0.00	40.49 0.87 0.00	39.24 0.73 0.00	38.83 0.65 0.00	41.50 0.57 0.00	43.97 0.22 0.00	45.61 0.14 0.00	49.18 0.10 0.00	52.23 0.16 0.00	54.61 0.27 0.00	61.47 0.43 0.00	75.83 0.38 0.00	77.96 0.77 0.00	77.34 0.38 0.00	73.22 0.15 0.00	61.69 0.55 0.00	51.89 0.46 0.00	46.66 0.32 0.00
MG INDUSTRY___DRP 24185	39.61 0.89 0.00	35.83 0.94 0.00	33.75 0.98 0.00	30.91 0.93 0.00	30.77 0.93 0.00	34.60 0.84 0.00	39.27 0.73 0.00	40.33 0.71 0.00	39.09 0.58 0.00	38.49 0.31 0.00	40.39 -0.53 0.00	42.54 -0.88 0.00	43.70 -1.00 0.00	46.20 -1.13 0.00	48.34 -1.15 0.00	49.97 -1.14 0.00	54.82 -1.16 0.00	73.92 -1.51 0.00	75.96 -1.24 0.00	75.57 -1.39 0.00	71.62 -1.46 0.00	60.28 -0.86 0.00	50.76 -0.67 0.00	45.67 -0.65 0.00

MID___OSWEGATCHIE_HYD 23849	39.69 0.97 0.00	35.65 0.77 0.00	33.49 0.72 0.00	30.58 0.60 0.00	30.41 0.57 0.00	34.60 0.84 0.00	39.65 1.12 0.00	40.65 1.03 0.00	39.21 0.69 0.00	38.71 0.53 0.00	41.54 0.61 0.00	44.45 0.70 0.00	46.29 0.82 0.00	50.02 0.93 0.00	52.90 0.83 0.00	54.88 0.54 0.00	61.59 0.55 0.00	76.43 0.98 0.00	78.66 1.47 0.00	79.03 2.08 0.00	74.98 1.90 0.00	62.91 1.77 0.00	52.66 1.23 0.00	47.36 1.02 0.00
MID___RAQUETTE_HYD 23851	39.42 0.70 0.00	35.41 0.52 0.00	33.26 0.49 0.00	30.40 0.42 0.00	30.20 0.36 0.00	34.46 0.71 0.00	39.65 1.12 0.00	40.69 1.07 0.00	39.24 0.73 0.00	38.83 0.65 0.00	41.66 0.74 0.00	44.58 0.83 0.00	46.43 0.95 0.00	50.12 1.03 0.00	52.85 0.78 0.00	54.55 0.22 0.00	60.98 -0.06 0.00	75.37 -0.08 0.00	76.96 -0.23 0.00	77.26 0.31 0.00	73.88 0.80 0.00	62.30 1.16 0.00	52.35 0.93 0.00	47.22 0.88 0.00
MILLIKEN___1 23584	39.42 0.70 0.00	35.48 0.59 0.00	33.26 0.49 0.00	30.43 0.45 0.00	30.32 0.48 0.00	34.16 0.41 0.00	38.73 0.19 0.00	39.81 0.20 0.00	38.74 0.23 0.00	38.29 0.11 0.00	41.09 0.16 0.00	44.19 0.44 0.00	45.88 0.41 0.00	49.77 0.69 0.00	52.96 0.89 0.00	55.26 0.92 0.00	62.20 1.16 0.00	77.18 1.74 0.00	80.12 2.93 0.00	79.95 3.00 0.00	75.71 2.63 0.00	62.85 1.71 0.00	52.66 1.23 0.00	47.40 1.07 0.00
MILLIKEN___2 23585	39.42 0.70 0.00	35.48 0.59 0.00	33.26 0.49 0.00	30.43 0.45 0.00	30.32 0.48 0.00	34.16 0.41 0.00	38.73 0.19 0.00	39.81 0.20 0.00	38.74 0.23 0.00	38.29 0.11 0.00	41.09 0.16 0.00	44.19 0.44 0.00	45.88 0.41 0.00	49.77 0.69 0.00	52.96 0.89 0.00	55.26 0.92 0.00	62.20 1.16 0.00	77.18 1.74 0.00	80.12 2.93 0.00	79.95 3.00 0.00	75.71 2.63 0.00	62.85 1.71 0.00	52.66 1.23 0.00	47.40 1.07 0.00
MILLIKEN___DIESEL 23629	39.42 0.70 0.00	35.48 0.59 0.00	33.26 0.49 0.00	30.43 0.45 0.00	30.32 0.48 0.00	34.16 0.41 0.00	38.73 0.19 0.00	39.81 0.20 0.00	38.74 0.23 0.00	38.29 0.11 0.00	41.09 0.16 0.00	44.19 0.44 0.00	45.88 0.41 0.00	49.77 0.69 0.00	52.96 0.89 0.00	55.26 0.92 0.00	62.20 1.16 0.00	77.18 1.74 0.00	80.12 2.93 0.00	79.95 3.00 0.00	75.71 2.63 0.00	62.85 1.71 0.00	52.66 1.23 0.00	47.40 1.07 0.00
MILLSEAT___LFGE 323607	39.34 0.62 0.00	35.51 0.63 0.00	33.10 0.33 0.00	29.95 -0.03 0.00	29.87 0.03 0.00	33.48 -0.27 0.00	36.99 -1.54 0.00	37.99 -1.63 0.00	37.51 -1.00 0.00	37.42 -0.76 0.00	40.19 -0.74 0.00	44.28 0.53 0.00	46.88 1.41 0.00	50.41 1.33 0.00	53.94 1.87 0.00	56.35 2.01 0.00	62.14 1.10 0.00	77.49 2.04 0.00	81.36 4.17 0.00	81.18 4.23 0.00	75.63 2.56 0.00	61.69 0.55 0.00	53.02 1.60 0.00	47.78 1.44 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.39 1.67 0.00	36.49 1.60 0.00	34.18 1.41 0.00	31.27 1.29 0.00	31.16 1.31 0.00	35.03 1.28 0.00	39.92 1.39 0.00	41.28 1.66 0.00	40.36 1.85 0.00	40.17 1.99 0.00	43.09 2.17 0.00	45.85 2.10 0.00	47.65 2.18 0.00	51.10 2.01 0.00	54.15 2.08 0.00	56.51 2.17 0.00	63.42 2.38 0.00	78.16 2.72 0.00	80.05 2.86 0.00	79.49 2.54 0.00	74.76 1.68 0.00	62.67 1.53 0.00	53.07 1.65 0.00	48.01 1.67 0.00
MILLWOOD_13_KV_LOAD 356217	40.51 1.78 0.00	36.56 1.67 0.00	34.24 1.47 0.00	31.33 1.35 0.00	31.22 1.37 0.00	35.14 1.38 0.00	40.00 1.46 0.00	41.36 1.74 0.00	40.44 1.93 0.00	40.28 2.10 0.00	43.17 2.25 0.00	45.94 2.19 0.00	47.79 2.32 0.00	51.25 2.16 0.00	54.31 2.24 0.00	56.67 2.34 0.00	63.66 2.62 0.00	78.39 2.94 0.00	80.35 4.17 0.00	79.80 4.23 0.00	75.05 2.85 0.00	62.91 1.97 0.00	53.23 1.80 0.00	48.10 1.76 0.00
MODEL_CITY_ENERGY 24167	38.49 -0.23 0.00	34.85 -0.03 0.00	32.41 -0.36 0.00	29.17 -0.81 0.00	29.10 -0.74 0.00	32.74 -1.01 0.00	35.88 -2.66 0.00	36.64 -2.97 0.00	36.43 -2.08 0.00	36.31 -1.87 0.00	38.84 -2.09 0.00	42.97 -0.79 0.00	45.52 0.05 0.00	48.84 -0.24 0.00	52.23 0.16 0.00	54.55 0.22 0.00	59.94 -1.10 0.00	74.47 -0.98 0.00	78.19 1.00 0.00	77.72 0.77 0.00	72.28 -0.80 0.00	58.88 -2.26 0.00	50.96 -0.46 0.00	46.11 -0.23 0.00
MODERN_LFGE___ 323580	38.49 -0.23 0.00	34.85 -0.03 0.00	32.41 -0.36 0.00	29.17 -0.81 0.00	29.10 -0.74 0.00	32.74 -1.01 0.00	35.88 -2.66 0.00	36.64 -2.97 0.00	36.43 -2.08 0.00	36.31 -1.87 0.00	38.84 -2.09 0.00	42.97 -0.79 0.00	45.52 0.05 0.00	48.84 -0.24 0.00	52.23 0.16 0.00	54.55 0.22 0.00	59.94 -1.10 0.00	74.47 -0.98 0.00	78.19 1.00 0.00	77.72 0.77 0.00	72.28 -0.80 0.00	58.88 -2.26 0.00	50.96 -0.46 0.00	46.11 -0.23 0.00
MOHAWK_PAPER___DRP 24187	39.81 1.08 0.00	36.04 1.15 0.00	33.95 1.18 0.00	31.09 1.11 0.00	30.95 1.10 0.00	34.80 1.05 0.00	39.54 1.00 0.00	40.69 1.07 0.00	39.40 0.89 0.00	38.98 0.80 0.00	41.66 0.74 0.00	44.19 0.44 0.00	45.88 0.41 0.00	49.48 0.39 0.00	52.59 0.52 0.00	55.04 0.71 0.00	61.89 0.85 0.00	76.50 1.06 0.00	78.66 1.47 0.00	78.11 1.15 0.00	73.96 0.88 0.00	62.24 1.10 0.00	52.35 0.93 0.00	47.03 0.70 0.00
MOHICAN___35_KV_115KV_LD 80490	40.70 1.97 0.00	36.66 1.78 0.00	34.57 1.80 0.00	31.54 1.56 0.00	31.49 1.64 0.00	35.47 1.72 0.00	40.39 1.85 0.00	41.44 1.82 0.00	39.90 1.39 0.00	39.36 1.18 0.00	41.82 0.90 0.00	44.63 0.88 0.00	46.20 0.73 0.00	49.97 0.88 0.00	53.27 1.20 0.00	55.86 1.52 0.00	63.05 2.01 0.00	78.39 2.94 0.00	81.74 4.55 0.00	81.19 4.23 0.00	77.39 4.31 0.00	64.99 3.85 0.00	54.41 2.98 0.00	48.61 2.27 0.00
MONGAUP___HYD 23641	40.39 1.66 0.00	36.49 1.61 0.00	34.15 1.38 0.00	31.24 1.26 0.00	31.13 1.28 0.00	35.03 1.28 0.00	39.81 1.27 0.00	40.92 1.31 0.00	39.86 1.35 0.00	39.52 1.34 0.00	42.27 1.35 0.00	45.06 1.31 0.00	46.79 1.32 0.00	50.61 1.52 0.00	53.69 1.62 0.00	56.13 1.79 0.00	63.30 2.26 0.00	78.54 3.09 0.00	81.05 3.86 0.00	80.80 3.85 0.00	75.93 2.85 0.00	63.65 2.51 0.00	53.53 2.11 0.00	48.14 1.81 0.00
MONTAUK___DIESEL 23721	42.56 3.83 0.00	38.27 3.38 0.00	35.75 2.98 0.00	32.74 2.76 0.00	32.53 2.69 0.00	36.45 2.70 0.00	41.35 2.81 0.00	43.22 3.61 0.00	42.79 4.27 0.00	42.95 4.77 0.00	46.24 5.32 0.00	48.87 5.12 0.00	50.43 4.96 0.00	52.51 3.58 0.16	55.30 3.59 0.36	57.96 4.02 0.40	65.52 4.76 0.28	81.09 6.11 0.47	83.13 5.94 0.00	81.17 4.31 0.09	70.20 2.05 4.93	62.97 1.83 0.01	51.16 1.34 1.61	48.89 2.55 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	39.58 0.85 0.00	35.69 0.80 0.00	32.83 0.07 0.00	29.92 -0.06 0.00	29.93 0.09 0.00	33.25 -0.51 0.00	36.92 -1.62 0.00	37.87 -1.74 0.00	37.90 -0.62 0.00	38.07 -0.11 0.00	40.84 -0.08 0.00	45.07 1.31 0.00	46.84 1.36 0.00	51.59 2.50 0.00	54.88 2.81 0.00	57.49 3.15 0.00	63.24 2.20 0.00	78.01 2.57 0.00	81.98 4.79 0.00	81.72 4.77 0.00	76.07 3.00 0.00	62.24 1.10 0.00	52.56 1.13 0.00	47.17 0.83 0.00

MORRIS_RIDGE___SOLAR 323848	39.11 0.39 0.00	35.27 0.38 0.00	32.83 0.07 0.00	29.98 0.00 0.00	29.90 0.06 0.00	33.41 -0.34 0.00	37.15 -1.39 0.00	37.83 -1.78 0.00	37.13 -1.38 0.00	36.92 -1.26 0.00	39.57 -1.35 0.00	43.32 -0.44 0.00	45.65 0.18 0.00	49.23 0.15 0.00	52.38 0.31 0.00	54.77 0.43 0.00	60.79 -0.24 0.00	75.68 0.23 0.00	79.43 2.24 0.00	79.41 2.46 0.00	74.46 1.39 0.00	61.02 -0.12 0.00	52.04 0.62 0.00	47.08 0.74 0.00
MORTIMER_115KV_TB3 55949	38.84 0.12 0.00	34.99 0.10 0.00	32.74 -0.03 0.00	29.89 -0.09 0.00	29.76 -0.09 0.00	33.31 -0.44 0.00	37.53 -1.00 0.00	38.63 -0.99 0.00	37.94 -0.58 0.00	37.76 -0.42 0.00	40.64 -0.29 0.00	44.19 0.44 0.00	45.88 0.41 0.00	50.02 0.93 0.00	53.42 1.35 0.00	55.75 1.41 0.00	62.01 0.98 0.00	76.96 1.51 0.00	79.89 2.70 0.00	79.95 3.00 0.00	75.20 2.12 0.00	61.93 0.79 0.00	52.15 0.72 0.00	46.89 0.56 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.70 1.97 0.00	36.73 1.85 0.00	34.37 1.61 0.00	31.45 1.47 0.00	31.34 1.49 0.00	35.24 1.49 0.00	40.15 1.62 0.00	41.60 1.98 0.00	40.75 2.23 0.00	40.62 2.44 0.00	43.54 2.62 0.00	46.33 2.58 0.00	48.20 2.73 0.00	51.59 2.50 0.00	54.57 2.50 0.00	56.94 2.61 0.00	63.85 2.81 0.00	78.54 3.09 0.00	80.35 3.16 0.00	79.88 2.92 0.00	75.05 1.97 0.00	62.85 1.71 0.00	53.38 1.95 0.00	48.38 2.04 0.00
MUNSVILLE_WIND_PWR 323609	41.59 2.87 0.00	37.43 2.55 0.00	35.10 2.33 0.00	31.99 2.01 0.00	31.84 2.00 0.00	35.94 2.19 0.00	40.85 2.31 0.00	43.10 3.49 0.00	41.25 2.73 0.00	40.20 2.02 0.00	43.05 2.13 0.00	46.73 2.98 0.00	48.79 3.32 0.00	53.11 4.03 0.00	56.34 4.27 0.00	57.65 3.31 0.00	65.31 4.27 0.00	81.71 6.26 0.00	85.76 8.57 0.00	85.42 8.46 0.00	80.61 7.53 0.00	66.64 5.50 0.00	55.59 4.16 0.00	49.86 3.52 0.00
N SALMON___HYD 24042	39.65 0.93 0.00	35.55 0.66 0.00	33.39 0.62 0.00	30.52 0.54 0.00	30.32 0.48 0.00	34.60 0.84 0.00	39.85 1.31 0.00	40.88 1.27 0.00	39.48 0.96 0.00	39.17 0.99 0.00	42.07 1.14 0.00	45.06 1.31 0.00	46.88 1.41 0.00	50.31 1.23 0.00	53.01 0.94 0.00	54.93 0.60 0.00	61.71 0.67 0.00	76.20 0.75 0.00	77.50 0.31 0.00	77.88 0.93 0.00	74.62 1.54 0.00	62.30 1.16 0.00	52.20 0.77 0.00	47.08 0.74 0.00
N.AKRON__115KV_KNAPP 355671	39.19 0.46 0.00	35.44 0.56 0.00	32.97 0.20 0.00	30.10 0.12 0.00	30.02 0.18 0.00	33.35 -0.41 0.00	36.76 -1.77 0.00	37.60 -2.02 0.00	37.32 -1.19 0.00	37.23 -0.95 0.00	39.94 -0.98 0.00	44.02 0.26 0.00	45.38 -0.09 0.00	49.82 0.74 0.00	53.37 1.30 0.00	55.69 1.36 0.00	61.28 0.24 0.00	75.98 0.53 0.00	79.81 2.62 0.00	79.95 3.00 0.00	74.69 1.61 0.00	60.89 -0.24 0.00	51.58 0.15 0.00	46.62 0.28 0.00
N.E_GEN_SANDY PD 24062	40.00 1.28 0.00	36.24 1.36 0.00	34.05 1.28 0.00	31.21 1.23 0.00	31.50 1.25 -0.40	34.90 1.15 0.00	39.73 1.20 0.00	40.88 1.27 0.00	39.67 1.15 0.00	39.37 1.18 0.00	42.07 1.14 0.00	44.71 0.96 0.00	46.33 0.86 0.00	49.97 0.88 0.00	53.01 0.94 0.00	55.37 1.03 0.00	62.26 1.22 0.00	76.73 1.28 0.00	78.97 1.78 0.00	78.34 1.39 0.00	73.88 0.81 0.00	62.36 1.22 0.00	52.40 0.97 0.00	47.26 0.93 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.35 1.63 0.00	36.42 1.53 0.00	34.11 1.34 0.00	31.24 1.26 0.00	31.13 1.28 0.00	35.00 1.25 0.00	39.81 1.27 0.00	41.12 1.51 0.00	40.25 1.73 0.00	40.05 1.87 0.00	42.93 2.01 0.00	45.72 1.97 0.00	47.56 2.09 0.00	51.00 1.91 0.00	54.05 1.98 0.00	56.45 2.12 0.00	63.42 2.38 0.00	78.16 2.72 0.00	80.05 2.86 0.00	79.49 2.54 0.00	74.76 1.68 0.00	62.67 1.53 0.00	53.07 1.65 0.00	47.96 1.62 0.00
N.QUEENS_27_KV_LOAD 356247	41.05 2.32 0.00	37.05 2.16 0.00	34.57 1.80 0.00	31.48 1.50 0.00	31.43 1.58 0.00	35.07 1.32 0.00	40.00 1.46 0.00	41.40 1.78 0.00	40.59 2.08 0.00	40.62 2.44 0.00	43.58 2.66 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.44 2.36 0.00	54.46 2.40 0.00	56.84 2.50 0.00	63.72 2.69 0.00	78.54 3.09 0.00	80.19 3.01 0.01	79.72 2.77 0.01	74.97 1.90 0.01	62.79 1.65 0.00	53.53 2.11 0.00	48.89 2.55 0.00
N.TROY___115KV_TB1 355778	40.08 1.36 0.00	36.24 1.36 0.00	34.11 1.34 0.00	31.24 1.26 0.00	31.10 1.25 0.00	34.97 1.22 0.00	39.81 1.27 0.00	40.88 1.27 0.00	39.55 1.04 0.00	39.17 0.99 0.00	41.82 0.90 0.00	44.54 0.79 0.00	46.24 0.77 0.00	49.82 0.74 0.00	52.96 0.89 0.00	55.42 1.09 0.00	62.38 1.34 0.00	77.11 1.66 0.00	79.43 2.24 0.00	78.88 1.92 0.00	74.69 1.61 0.00	62.91 1.77 0.00	52.92 1.49 0.00	47.54 1.20 0.00
NARROWS_GT1_1 24228	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.53 2.45 0.01	54.46 2.40 0.01	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
NARROWS_GT1_2 24229	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.53 2.45 0.01	54.46 2.40 0.01	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
NARROWS_GT1_3 24230	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.53 2.45 0.01	54.46 2.40 0.01	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
NARROWS_GT1_4 24231	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.53 2.45 0.01	54.46 2.40 0.01	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
NARROWS_GT1_5 24232	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.53 2.45 0.01	54.46 2.40 0.01	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01

NARROWS_GT1_6 24233	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.53 2.45 0.01	54.46 2.40 0.01	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
NARROWS_GT1_7 24234	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.53 2.45 0.01	54.46 2.40 0.01	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
NARROWS_GT1_8 24235	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.53 2.45 0.01	54.46 2.40 0.01	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
NARROWS_GT2_1 24236	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.54 2.45 0.00	54.47 2.40 0.00	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
NARROWS_GT2_2 24237	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.54 2.45 0.00	54.47 2.40 0.00	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
NARROWS_GT2_3 24238	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.54 2.45 0.00	54.47 2.40 0.00	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
NARROWS_GT2_4 24239	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.54 2.45 0.00	54.47 2.40 0.00	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
NARROWS_GT2_5 24240	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.54 2.45 0.00	54.47 2.40 0.00	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
NARROWS_GT2_6 24241	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.54 2.45 0.00	54.47 2.40 0.00	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
NARROWS_GT2_7 24242	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.54 2.45 0.00	54.47 2.40 0.00	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
NARROWS_GT2_8 24243	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.54 2.45 0.00	54.47 2.40 0.00	56.67 2.33 0.00	63.53 2.50 0.01	78.38 2.94 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.45 1.83 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.16 1.43 0.00	36.35 1.47 0.00	34.21 1.44 0.00	31.33 1.35 0.00	31.19 1.34 0.00	35.07 1.32 0.00	39.77 1.23 0.00	40.76 1.15 0.00	39.28 0.77 0.00	38.49 0.31 0.00	40.92 0.00 0.00	43.37 0.04 0.43	44.44 -0.05 0.98	46.94 0.10 2.24	49.09 0.31 3.30	50.72 0.49 4.10	55.51 0.92 6.44	76.71 1.28 0.02	78.73 1.54 0.00	78.41 1.46 0.00	74.25 1.17 0.00	62.54 1.41 0.00	52.45 1.03 0.00	47.24 0.93 0.02
NCHELSEA_115KV_TR2 355582	40.62 1.90 0.00	36.70 1.81 0.00	34.37 1.61 0.00	31.45 1.47 0.00	31.34 1.49 0.00	35.24 1.49 0.00	40.08 1.54 0.00	41.32 1.70 0.00	40.32 1.81 0.00	40.05 1.87 0.00	42.89 1.96 0.00	45.72 1.97 0.00	47.70 2.23 0.00	51.34 2.26 0.00	54.52 2.45 0.00	56.94 2.61 0.00	64.09 3.05 0.00	79.15 3.70 0.00	81.20 4.01 0.00	80.65 3.69 0.00	75.86 2.78 0.00	63.58 2.45 0.00	53.69 2.26 0.00	48.38 2.04 0.00
NEG CAPITAL___MECHNVIL 23645	40.62 1.90 0.00	36.63 1.74 0.00	34.47 1.70 0.00	31.54 1.56 0.00	31.43 1.58 0.00	35.37 1.62 0.00	40.27 1.74 0.00	41.32 1.70 0.00	39.90 1.38 0.00	39.48 1.30 0.00	42.15 1.23 0.00	44.93 1.18 0.00	46.56 1.09 0.00	50.41 1.33 0.00	53.69 1.62 0.00	56.18 1.85 0.00	63.30 2.26 0.00	78.47 3.02 0.00	81.28 4.09 0.00	80.72 3.77 0.00	76.51 3.44 0.00	64.32 3.18 0.00	53.89 2.47 0.00	48.37 2.04 0.00
NEG CENTRAL_HIGH_ACRES 23767	38.10 -0.62 0.00	34.29 -0.59 0.00	32.11 -0.66 0.00	29.35 -0.63 0.00	29.25 -0.60 0.00	32.77 -0.98 0.00	37.03 -1.50 0.00	38.19 -1.42 0.00	37.36 -1.15 0.00	37.15 -1.03 0.00	40.02 -0.90 0.00	43.40 -0.35 0.00	45.56 0.09 0.00	49.18 0.10 0.00	52.48 0.41 0.00	54.77 0.43 0.00	61.16 0.12 0.00	76.05 0.60 0.00	78.89 1.70 0.00	78.64 1.69 0.00	73.96 0.88 0.00	61.02 -0.12 0.00	51.63 0.21 0.00	46.43 0.09 0.00



NEG CENTRAL___DRP 24199	39.03 0.31 0.00	35.16 0.28 0.00	32.90 0.13 0.00	30.10 0.12 0.00	29.99 0.15 0.00	33.75 0.00 0.00	38.19 -0.35 0.00	39.18 -0.44 0.00	38.24 -0.27 0.00	37.91 -0.27 0.00	40.76 -0.16 0.00	44.02 0.26 0.00	45.74 0.27 0.00	49.58 0.49 0.00	52.80 0.73 0.00	55.15 0.82 0.00	61.89 0.85 0.00	76.81 1.36 0.00	79.74 2.55 0.00	79.57 2.62 0.00	75.20 2.12 0.00	62.24 1.10 0.00	52.15 0.72 0.00	47.03 0.70 0.00
NEG CENTRAL___INDECK 23768	40.23 1.51 0.00	36.18 1.29 0.00	33.82 1.05 0.00	30.85 0.87 0.00	30.77 0.93 0.00	34.43 0.67 0.00	38.57 0.04 0.00	39.38 -0.24 0.00	38.36 -0.15 0.00	38.03 -0.15 0.00	40.84 -0.08 0.00	44.58 0.83 0.00	46.97 1.50 0.00	50.70 1.62 0.00	52.38 0.31 0.00	54.82 0.49 0.00	61.16 0.12 0.00	76.65 1.20 0.00	80.67 3.48 0.00	81.18 4.23 0.00	76.51 3.44 0.00	62.73 1.59 0.00	53.12 1.69 0.00	49.21 2.87 0.00
NEG CENTRAL___SENECA 23627	39.30 0.58 0.00	35.37 0.49 0.00	33.10 0.33 0.00	30.25 0.27 0.00	30.17 0.33 0.00	33.92 0.17 0.00	38.27 -0.27 0.00	39.22 -0.40 0.00	38.36 -0.15 0.00	38.03 -0.15 0.00	40.88 -0.04 0.00	44.28 0.53 0.00	45.97 0.50 0.00	49.92 0.83 0.00	53.16 1.09 0.00	55.59 1.25 0.00	62.26 1.22 0.00	77.33 1.89 0.00	80.51 3.32 0.00	80.42 3.46 0.00	75.86 2.78 0.00	62.61 1.47 0.00	52.45 1.03 0.00	47.36 1.02 0.00
NEG CENTRAL___STATE_STREET 24147	38.92 0.19 0.00	35.02 0.14 0.00	32.83 0.07 0.00	30.01 0.03 0.00	29.90 0.06 0.00	33.68 -0.07 0.00	38.23 -0.31 0.00	39.26 -0.36 0.00	38.28 -0.23 0.00	37.91 -0.27 0.00	40.76 -0.16 0.00	43.88 0.13 0.00	45.56 0.09 0.00	49.43 0.34 0.00	52.64 0.57 0.00	54.99 0.65 0.00	61.77 0.73 0.00	76.58 1.13 0.00	79.27 2.08 0.00	79.18 2.23 0.00	74.91 1.83 0.00	62.18 1.04 0.00	52.09 0.67 0.00	46.85 0.51 0.00
NEG MILLWOOD___DRP 24198	40.70 1.97 0.00	36.73 1.85 0.00	34.41 1.64 0.00	31.51 1.53 0.00	31.40 1.55 0.00	35.34 1.59 0.00	40.19 1.66 0.00	41.52 1.90 0.00	40.52 2.00 0.00	40.28 2.10 0.00	43.21 2.29 0.00	46.03 2.28 0.00	47.97 2.50 0.00	51.59 2.50 0.00	54.78 2.71 0.00	57.11 2.77 0.00	64.33 3.30 0.00	79.45 4.00 0.00	81.44 4.25 0.00	80.95 4.00 0.00	76.07 3.00 0.00	63.71 2.57 0.00	53.74 2.31 0.00	48.42 2.09 0.00
NEG NORTH_FLCN_SEA 23793	40.12 1.39 0.00	35.97 1.08 0.00	33.78 1.02 0.00	30.85 0.87 0.00	30.71 0.87 0.00	35.00 1.25 0.00	40.27 1.73 0.00	41.28 1.66 0.00	39.98 1.46 0.00	39.63 1.45 0.00	42.56 1.64 0.00	45.55 1.79 0.00	47.43 1.96 0.00	51.20 2.11 0.00	52.96 0.89 0.00	54.44 0.11 0.00	61.22 0.18 0.00	75.60 0.15 0.00	76.96 -0.23 0.00	77.18 0.23 0.00	73.74 0.66 0.00	61.44 0.31 0.00	51.79 0.36 0.00	47.45 1.11 0.00
NEG NORTH_KES_CHATEGAY 23792	39.15 0.43 0.00	35.13 0.24 0.00	33.00 0.23 0.00	30.16 0.18 0.00	29.96 0.12 0.00	34.19 0.44 0.00	39.35 0.81 0.00	40.37 0.75 0.00	39.01 0.50 0.00	38.64 0.46 0.00	41.45 0.53 0.00	44.32 0.57 0.00	46.11 0.64 0.00	49.77 0.69 0.00	52.28 0.21 0.00	54.17 -0.16 0.00	60.92 -0.12 0.00	75.22 -0.23 0.00	76.57 -0.62 0.00	76.80 -0.15 0.00	73.37 0.29 0.00	61.26 0.12 0.00	51.37 -0.05 0.00	46.38 0.05 0.00
NEG NORTH___ALICE_FALLS 23915	40.16 1.43 0.00	36.00 1.12 0.00	33.78 1.02 0.00	30.88 0.90 0.00	30.71 0.87 0.00	35.00 1.25 0.00	40.27 1.73 0.00	41.28 1.66 0.00	39.94 1.42 0.00	39.63 1.45 0.00	42.56 1.64 0.00	45.55 1.79 0.00	47.43 1.96 0.00	51.20 2.11 0.00	53.16 1.09 0.00	54.77 0.43 0.00	61.65 0.61 0.00	76.13 0.68 0.00	77.58 0.39 0.00	77.88 0.92 0.00	74.47 1.39 0.00	61.99 0.86 0.00	52.15 0.72 0.00	47.50 1.16 0.00
NEG NORTH___LWR_SARANAC 23913	40.16 1.43 0.00	36.00 1.12 0.00	33.78 1.02 0.00	30.88 0.90 0.00	30.71 0.87 0.00	35.00 1.25 0.00	40.27 1.73 0.00	41.28 1.66 0.00	39.94 1.42 0.00	39.63 1.45 0.00	42.56 1.64 0.00	45.55 1.79 0.00	47.43 1.96 0.00	51.20 2.11 0.00	53.16 1.09 0.00	54.77 0.43 0.00	61.65 0.61 0.00	76.13 0.68 0.00	77.58 0.39 0.00	77.88 0.92 0.00	74.47 1.39 0.00	61.99 0.86 0.00	52.15 0.72 0.00	47.50 1.16 0.00
NEG NORTH___PLATTSBURG 23628	40.16 1.43 0.00	36.00 1.12 0.00	33.79 1.02 0.00	30.88 0.90 0.00	30.71 0.87 0.00	35.00 1.25 0.00	40.27 1.74 0.00	41.28 1.66 0.00	39.94 1.43 0.00	39.63 1.45 0.00	42.56 1.64 0.00	45.59 1.84 0.00	47.43 1.95 0.00	50.46 1.37 0.00	52.80 0.73 0.00	54.77 0.43 0.00	61.65 0.61 0.00	76.13 0.68 0.00	77.34 0.15 0.00	77.80 0.85 0.00	74.46 1.39 0.00	61.99 0.86 0.00	52.09 0.67 0.00	47.50 1.16 0.00
NEG WEST_LEA_LOCKPORT 23791	38.69 -0.04 0.00	34.99 0.10 0.00	32.54 -0.23 0.00	29.71 -0.27 0.00	29.64 -0.21 0.00	32.91 -0.84 0.00	36.19 -2.35 0.00	36.92 -2.69 0.00	36.82 -1.69 0.00	36.69 -1.49 0.00	39.29 -1.64 0.00	43.36 -0.39 0.00	44.52 -0.95 0.00	48.89 -0.20 0.00	52.28 0.21 0.00	54.66 0.33 0.00	59.94 -1.10 0.00	74.17 -1.28 0.00	77.88 0.69 0.00	77.80 0.85 0.00	72.64 -0.44 0.00	59.24 -1.90 0.00	50.29 -1.13 0.00	45.55 -0.79 0.00
NEG WEST___LANCASTR 23811	38.41 -0.31 0.00	34.64 -0.24 0.00	32.21 -0.56 0.00	29.41 -0.57 0.00	29.40 -0.45 0.00	32.67 -1.08 0.00	36.19 -2.35 0.00	36.72 -2.89 0.00	36.59 -1.93 0.00	36.54 -1.64 0.00	39.16 -1.76 0.00	43.14 -0.61 0.00	44.70 -0.77 0.00	49.13 0.05 0.00	52.33 0.26 0.00	54.82 0.49 0.00	60.43 -0.61 0.00	74.77 -0.68 0.00	78.50 1.31 0.00	78.26 1.31 0.00	73.01 -0.07 0.00	59.61 -1.53 0.00	50.45 -0.98 0.00	45.97 -0.37 0.00
NEG_PENN_ALLEGHNY 23528	39.27 0.54 0.00	35.37 0.49 0.00	33.13 0.36 0.00	30.31 0.33 0.00	30.20 0.36 0.00	33.99 0.24 0.00	38.42 -0.12 0.00	39.34 -0.28 0.00	38.44 -0.08 0.00	38.14 -0.04 0.00	40.92 0.00 0.00	44.10 0.35 0.00	46.02 0.55 0.00	49.77 0.69 0.00	52.90 0.83 0.00	55.31 0.98 0.00	62.07 1.04 0.00	76.88 1.43 0.00	79.66 2.47 0.00	79.26 2.31 0.00	74.76 1.68 0.00	62.06 0.92 0.00	52.35 0.93 0.00	47.22 0.88 0.00
NEG___GEN_MONROE 24207	39.15 0.43 0.00	35.27 0.38 0.00	32.93 0.16 0.00	30.04 0.06 0.00	29.90 0.06 0.00	33.48 -0.27 0.00	37.61 -0.92 0.00	38.63 -0.99 0.00	37.90 -0.62 0.00	37.76 -0.42 0.00	40.72 -0.20 0.00	44.37 0.61 0.00	46.02 0.55 0.00	50.21 1.13 0.00	53.63 1.56 0.00	56.02 1.68 0.00	62.20 1.16 0.00	77.18 1.74 0.00	80.51 3.32 0.00	80.72 3.77 0.00	75.86 2.78 0.00	62.42 1.28 0.00	52.61 1.18 0.00	47.45 1.11 0.00
NEPA___ENERGY 23901	39.00 0.27 0.00	35.16 0.28 0.00	32.67 -0.10 0.00	29.83 -0.15 0.00	29.79 -0.06 0.00	33.11 -0.64 0.00	36.72 -1.81 0.00	37.32 -2.30 0.00	37.20 -1.31 0.00	37.11 -1.07 0.00	39.78 -1.15 0.00	43.84 0.09 0.00	45.38 -0.09 0.00	49.82 0.74 0.00	53.11 1.04 0.00	55.59 1.25 0.00	61.34 0.31 0.00	75.98 0.53 0.00	79.66 2.47 0.00	79.49 2.54 0.00	74.25 1.17 0.00	60.71 -0.43 0.00	51.32 -0.10 0.00	46.57 0.23 0.00

NEVERSINK___HYD 23608	40.20 1.47 0.00	36.28 1.40 0.00	33.98 1.21 0.00	31.06 1.08 0.00	30.95 1.10 0.00	34.83 1.08 0.00	39.61 1.08 0.00	40.85 1.23 0.00	39.86 1.35 0.00	39.59 1.41 0.00	42.39 1.47 0.00	45.25 1.53 0.03	46.99 1.59 0.07	50.73 1.82 0.17	53.80 1.98 0.25	56.04 2.01 0.31	63.05 2.50 0.49	78.69 3.24 0.00	80.97 3.78 0.00	80.57 3.62 0.00	75.63 2.56 0.00	63.34 2.20 0.00	53.33 1.90 0.00	48.00 1.67 0.00
NEWKRMKL_115KV_TB1 55635	39.50 0.77 0.00	35.79 0.91 0.00	33.69 0.92 0.00	30.88 0.90 0.00	30.74 0.90 0.00	34.56 0.81 0.00	39.27 0.73 0.00	40.41 0.79 0.00	39.17 0.65 0.00	38.71 0.53 0.00	41.37 0.45 0.00	43.71 -0.04 0.00	45.38 -0.09 0.00	48.94 -0.15 0.00	51.97 -0.10 0.00	54.34 0.00 0.00	61.16 0.12 0.00	75.52 0.08 0.00	77.58 0.39 0.00	76.95 0.00 0.00	72.86 -0.22 0.00	61.38 0.24 0.00	51.63 0.21 0.00	46.43 0.09 0.00
NEWTON___FALLS_HYD 23847	39.69 0.97 0.00	35.65 0.77 0.00	33.49 0.72 0.00	30.58 0.60 0.00	30.41 0.57 0.00	34.60 0.84 0.00	39.65 1.12 0.00	40.65 1.03 0.00	39.21 0.69 0.00	38.71 0.53 0.00	41.54 0.61 0.00	44.45 0.70 0.00	46.29 0.82 0.00	50.02 0.93 0.00	52.90 0.83 0.00	54.88 0.54 0.00	61.59 0.55 0.00	76.43 0.98 0.00	78.66 1.47 0.00	79.03 2.08 0.00	74.98 1.90 0.00	62.91 1.77 0.00	52.66 1.23 0.00	47.36 1.02 0.00
NGRID_A1_DSASP 323792	37.68 -1.04 0.00	34.12 -0.77 0.00	31.69 -1.08 0.00	29.44 -0.54 0.00	29.40 -0.45 0.00	32.03 -1.72 0.00	35.38 -3.16 0.00	36.37 -3.25 0.00	36.20 -2.31 0.00	36.01 -2.17 0.00	38.51 -2.41 0.00	42.61 -1.14 0.00	45.11 -0.37 0.00	48.45 -0.64 0.00	51.81 -0.26 0.00	54.07 -0.27 0.00	59.33 -1.71 0.00	73.72 -1.73 0.00	77.27 0.08 0.00	76.80 -0.15 0.00	71.40 -1.68 0.00	58.20 -2.93 0.00	50.50 -0.92 0.00	45.87 -0.46 0.00
NGRID_A2_DSASP 323793	37.68 -1.04 0.00	34.12 -0.77 0.00	31.69 -1.08 0.00	29.44 -0.54 0.00	29.40 -0.45 0.00	32.03 -1.72 0.00	35.38 -3.16 0.00	36.37 -3.25 0.00	36.20 -2.31 0.00	36.01 -2.17 0.00	38.51 -2.41 0.00	42.61 -1.14 0.00	45.11 -0.37 0.00	48.45 -0.64 0.00	51.81 -0.26 0.00	54.07 -0.27 0.00	59.33 -1.71 0.00	73.72 -1.73 0.00	77.27 0.08 0.00	76.80 -0.15 0.00	71.40 -1.68 0.00	58.20 -2.93 0.00	50.50 -0.92 0.00	45.87 -0.46 0.00
NGRID_A4_DSASP 323807	37.68 -1.04 0.00	34.12 -0.77 0.00	31.69 -1.08 0.00	29.44 -0.54 0.00	29.40 -0.45 0.00	32.03 -1.72 0.00	35.38 -3.16 0.00	36.37 -3.25 0.00	36.20 -2.31 0.00	36.01 -2.17 0.00	38.51 -2.41 0.00	42.61 -1.14 0.00	45.11 -0.37 0.00	48.45 -0.64 0.00	51.81 -0.26 0.00	54.07 -0.27 0.00	59.33 -1.71 0.00	73.72 -1.73 0.00	77.27 0.08 0.00	76.80 -0.15 0.00	71.40 -1.68 0.00	58.20 -2.93 0.00	50.50 -0.92 0.00	45.87 -0.46 0.00
NIAGARA_115E_LBMP 323715	38.34 -0.39 0.00	34.75 -0.14 0.00	32.31 -0.46 0.00	29.02 -0.96 0.00	28.95 -0.89 0.00	32.64 -1.11 0.00	35.68 -2.85 0.00	36.45 -3.17 0.00	36.24 -2.27 0.00	36.08 -2.10 0.00	38.59 -2.33 0.00	42.70 -1.05 0.00	45.25 -0.23 0.00	48.55 -0.54 0.00	51.91 -0.16 0.00	54.23 -0.11 0.00	59.57 -1.47 0.00	74.01 -1.44 0.00	77.66 0.47 0.00	77.18 0.23 0.00	71.76 -1.31 0.00	58.45 -2.69 0.00	50.66 -0.77 0.00	45.83 -0.51 0.00
NIAGARA_115W_LBMP 323714	37.56 -1.16 0.00	34.01 -0.87 0.00	31.62 -1.15 0.00	29.41 -0.57 0.00	29.34 -0.51 0.00	31.93 -1.82 0.00	35.26 -3.28 0.00	36.25 -3.37 0.00	36.09 -2.43 0.00	35.93 -2.25 0.00	38.43 -2.50 0.00	42.48 -1.27 0.00	44.97 -0.50 0.00	48.30 -0.79 0.00	51.65 -0.42 0.00	53.90 -0.44 0.00	59.15 -1.89 0.00	73.49 -1.96 0.00	77.04 -0.15 0.00	76.57 -0.38 0.00	71.25 -1.82 0.00	58.02 -3.12 0.00	50.34 -1.08 0.00	45.78 -0.55 0.00
NIAGARA_230_LBMP 323716	38.10 -0.62 0.00	34.50 -0.38 0.00	32.08 -0.69 0.00	29.32 -0.66 0.00	29.25 -0.60 0.00	32.43 -1.32 0.00	35.84 -2.70 0.00	36.80 -2.81 0.00	36.59 -1.92 0.00	36.39 -1.79 0.00	38.96 -1.96 0.00	43.01 -0.74 0.00	45.52 0.05 0.00	48.89 -0.20 0.00	52.23 0.16 0.00	54.50 0.16 0.00	59.94 -1.10 0.00	74.39 -1.06 0.00	78.04 0.85 0.00	77.50 0.54 0.00	72.20 -0.87 0.00	58.82 -2.32 0.00	50.96 -0.46 0.00	46.15 -0.18 0.00
NIAGARA___115KV_198_GIBSON 55903	37.56 -1.16 0.00	34.01 -0.87 0.00	31.62 -1.15 0.00	28.87 -1.11 0.00	28.80 -1.04 0.00	31.93 -1.82 0.00	35.26 -3.28 0.00	36.13 -3.49 0.00	36.09 -2.43 0.00	35.93 -2.25 0.00	38.43 -2.50 0.00	42.44 -1.31 0.00	43.79 -1.68 0.00	48.05 -1.03 0.00	51.39 -0.68 0.00	53.63 -0.71 0.00	58.78 -2.26 0.00	72.66 -2.79 0.00	76.19 -1.00 0.00	76.11 -0.85 0.00	71.10 -1.97 0.00	57.96 -3.18 0.00	49.32 -2.11 0.00	44.62 -1.71 0.00
NIAGARA____ 23760	38.10 -0.62 0.00	34.50 -0.38 0.00	32.08 -0.69 0.00	29.32 -0.66 0.00	29.25 -0.60 0.00	32.43 -1.32 0.00	35.84 -2.70 0.00	36.80 -2.81 0.00	36.59 -1.92 0.00	36.39 -1.79 0.00	38.96 -1.96 0.00	43.01 -0.74 0.00	45.52 0.05 0.00	48.89 -0.20 0.00	52.23 0.16 0.00	54.50 0.16 0.00	59.94 -1.10 0.00	74.39 -1.06 0.00	78.04 0.85 0.00	77.50 0.54 0.00	72.20 -0.87 0.00	58.82 -2.32 0.00	50.96 -0.46 0.00	46.15 -0.18 0.00
NINE_MILE_1 23575	37.68 -1.04 0.00	33.94 -0.94 0.00	31.89 -0.88 0.00	29.14 -0.84 0.00	29.04 -0.80 0.00	32.74 -1.01 0.00	37.23 -1.31 0.00	38.27 -1.35 0.00	37.24 -1.27 0.00	36.92 -1.26 0.00	39.61 -1.31 0.00	42.48 -1.27 0.00	44.25 -1.23 0.00	47.81 -1.28 0.00	50.77 -1.30 0.00	53.03 -1.30 0.00	59.51 -1.52 0.00	73.64 -1.81 0.00	75.72 -1.47 0.00	75.49 -1.46 0.00	71.40 -1.68 0.00	59.55 -1.59 0.00	50.19 -1.23 0.00	45.18 -1.16 0.00
NINE_MILE_2 23744	37.68 -1.04 0.00	33.94 -0.94 0.00	31.89 -0.88 0.00	29.14 -0.84 0.00	29.04 -0.80 0.00	32.74 -1.01 0.00	37.23 -1.31 0.00	38.27 -1.35 0.00	37.24 -1.27 0.00	36.92 -1.26 0.00	39.65 -1.27 0.00	42.48 -1.27 0.00	44.25 -1.23 0.00	47.81 -1.28 0.00	50.77 -1.30 0.00	53.03 -1.30 0.00	59.51 -1.52 0.00	73.64 -1.81 0.00	75.72 -1.47 0.00	75.49 -1.46 0.00	71.40 -1.68 0.00	59.55 -1.59 0.00	50.19 -1.23 0.00	45.22 -1.11 0.00
NM_CAPITAL___DRP 24208	39.54 0.81 0.00	35.83 0.94 0.00	33.75 0.98 0.00	30.91 0.93 0.00	30.77 0.93 0.00	34.56 0.81 0.00	39.31 0.77 0.00	40.45 0.83 0.00	39.21 0.69 0.00	38.75 0.57 0.00	41.45 0.53 0.00	43.84 0.09 0.00	45.47 0.00 0.00	49.04 -0.05 0.00	52.12 0.05 0.00	54.44 0.11 0.00	61.28 0.24 0.00	75.60 0.15 0.00	77.65 0.46 0.00	77.11 0.15 0.00	73.01 -0.07 0.00	61.44 0.31 0.00	51.73 0.31 0.00	46.52 0.19 0.00
NM_CENTRAL___DRP 24181	38.45 -0.27 0.00	34.64 -0.24 0.00	32.47 -0.29 0.00	29.71 -0.27 0.00	29.61 -0.24 0.00	33.31 -0.44 0.00	37.84 -0.69 0.00	38.90 -0.71 0.00	37.94 -0.58 0.00	37.61 -0.57 0.00	40.39 -0.53 0.00	43.40 -0.35 0.00	45.06 -0.41 0.00	48.84 -0.25 0.00	51.97 -0.10 0.00	54.28 -0.05 0.00	60.98 -0.06 0.00	75.30 -0.15 0.00	77.58 0.39 0.00	77.34 0.38 0.00	73.22 0.15 0.00	60.96 -0.18 0.00	51.17 -0.26 0.00	46.06 -0.28 0.00

NM_FRONTIER___DRP 24179	37.56 -1.16 0.00	34.01 -0.87 0.00	31.62 -1.15 0.00	28.87 -1.11 0.00	28.80 -1.04 0.00	31.93 -1.82 0.00	35.26 -3.28 0.00	36.13 -3.49 0.00	36.09 -2.43 0.00	35.93 -2.25 0.00	38.43 -2.50 0.00	42.44 -1.31 0.00	43.79 -1.68 0.00	48.05 -1.03 0.00	51.39 -0.68 0.00	53.63 -0.71 0.00	58.78 -2.26 0.00	72.66 -2.79 0.00	76.19 -1.00 0.00	76.11 -0.85 0.00	71.10 -1.97 0.00	57.96 -3.18 0.00	49.32 -2.11 0.00	44.62 -1.71 0.00
NM_ST_REGIS___HYD 24053	39.54 0.81 0.00	35.48 0.59 0.00	33.33 0.56 0.00	30.43 0.45 0.00	30.26 0.42 0.00	34.53 0.78 0.00	39.73 1.19 0.00	40.76 1.15 0.00	39.32 0.81 0.00	38.94 0.76 0.00	41.78 0.86 0.00	44.72 0.96 0.00	46.56 1.09 0.00	50.26 1.18 0.00	52.96 0.89 0.00	54.66 0.33 0.00	61.22 0.18 0.00	75.60 0.15 0.00	77.11 -0.08 0.00	77.49 0.54 0.00	74.10 1.02 0.00	62.36 1.22 0.00	52.35 0.93 0.00	47.22 0.88 0.00
NORTHPORT___1 23551	41.13 2.40 0.00	36.94 2.06 0.00	34.50 1.74 0.00	31.60 1.62 0.00	31.43 1.58 0.00	35.27 1.52 0.00	40.19 1.66 0.00	41.67 2.06 0.00	41.01 2.50 0.00	41.12 2.94 0.00	44.04 3.11 -0.01	45.68 1.92 0.00	46.24 0.77 0.00	47.64 0.59 2.04	47.77 0.47 4.77	49.61 0.70 5.43	58.23 0.97 3.78	70.08 1.06 6.43	78.58 1.39 0.00	75.92 0.23 1.26	67.34 -0.73 5.01	60.89 -0.24 0.01	49.54 -0.26 1.63	46.38 0.05 0.00
NORTHPORT___2 23552	41.13 2.40 0.00	36.94 2.06 0.00	34.50 1.74 0.00	31.60 1.62 0.00	31.43 1.58 0.00	35.27 1.52 0.00	40.19 1.66 0.00	41.67 2.06 0.00	41.01 2.50 0.00	41.12 2.94 0.00	44.04 3.11 -0.01	45.68 1.92 0.00	46.24 0.77 0.00	47.64 0.59 2.04	47.77 0.47 4.77	49.61 0.70 5.43	58.23 0.97 3.78	70.08 1.06 6.43	78.58 1.39 0.00	75.92 0.23 1.26	67.34 -0.73 5.01	60.89 -0.24 0.01	49.54 -0.26 1.63	46.38 0.05 0.00
NORTHPORT___3 23553	40.81 2.09 0.00	36.66 1.78 0.00	34.25 1.48 0.00	31.33 1.35 0.00	31.16 1.31 0.00	35.00 1.25 0.00	39.85 1.31 0.00	41.40 1.78 0.00	40.78 2.27 0.00	40.85 2.67 0.00	43.75 2.82 -0.01	45.37 1.62 0.00	46.06 0.59 0.00	47.48 0.44 2.05	47.66 0.37 4.78	49.44 0.54 5.44	57.98 0.74 3.79	69.77 0.75 6.43	78.11 0.93 0.01	75.68 0.00 1.27	67.07 -1.02 4.98	60.51 -0.61 0.02	49.33 -0.46 1.63	46.06 -0.28 0.00
NORTHPORT___4 23650	40.81 2.09 0.00	36.66 1.78 0.00	34.25 1.48 0.00	31.33 1.35 0.00	31.16 1.31 0.00	35.00 1.25 0.00	39.85 1.31 0.00	41.40 1.78 0.00	40.78 2.27 0.00	40.85 2.67 0.00	43.75 2.82 -0.01	45.37 1.62 0.00	46.06 0.59 0.00	47.48 0.44 2.05	47.66 0.37 4.78	49.44 0.54 5.44	57.98 0.74 3.79	69.77 0.75 6.43	78.11 0.93 0.01	75.68 0.00 1.27	67.07 -1.02 4.98	60.51 -0.61 0.02	49.33 -0.46 1.63	46.06 -0.28 0.00
NORTHPORT___IC 23718	41.12 2.40 0.00	36.94 2.06 0.00	34.51 1.74 0.00	31.60 1.62 0.00	31.43 1.58 0.00	35.27 1.52 0.00	40.19 1.66 0.00	41.79 2.18 0.00	41.02 2.50 0.00	41.12 2.94 0.00	44.03 3.11 0.00	46.25 2.49 0.00	47.79 2.32 0.00	47.59 0.54 2.04	47.77 0.47 4.77	49.72 0.82 5.43	58.35 1.10 3.78	70.15 1.13 6.43	78.50 1.31 0.00	75.85 0.15 1.26	67.34 -0.73 5.01	60.89 -0.24 0.01	49.69 -0.10 1.63	47.54 1.20 0.00
NORTH___COUNTRY_ESR 323785	39.03 0.31 0.00	35.06 0.18 0.00	32.93 0.16 0.00	30.10 0.12 0.00	29.90 0.06 0.00	34.12 0.37 0.00	39.27 0.73 0.00	40.29 0.67 0.00	39.01 0.50 0.00	38.64 0.46 0.00	41.45 0.53 0.00	44.36 0.61 0.00	46.15 0.68 0.00	49.48 0.39 0.00	52.12 0.05 0.00	54.17 -0.16 0.00	60.86 -0.18 0.00	75.15 -0.30 0.00	76.18 -1.01 0.00	76.42 -0.53 0.00	73.15 0.07 0.00	61.08 -0.06 0.00	51.17 -0.26 0.00	46.24 -0.09 0.00
NPX_GEN_1385_PROXY 323591	41.01 2.28 0.00	36.94 2.06 0.00	34.50 1.74 0.00	31.72 1.74 0.00	31.55 1.70 0.00	35.41 1.65 0.00	40.54 2.00 0.00	41.67 2.06 0.00	40.63 2.12 0.00	40.85 2.67 0.00	43.63 2.70 -0.01	44.89 1.14 0.00	45.43 -0.05 0.00	47.10 0.05 2.04	47.51 0.21 4.77	49.61 0.70 5.43	58.17 0.92 3.78	70.00 0.98 6.43	78.81 1.62 0.00	76.00 0.31 1.26	68.00 -0.07 5.01	61.92 0.79 0.01	50.00 0.21 1.63	46.20 -0.14 0.00
NPX_GEN_CSC 323557	40.97 2.25 0.00	36.77 1.88 0.00	34.31 1.54 0.00	31.45 1.47 0.00	31.25 1.40 0.00	35.03 1.28 0.00	39.81 1.27 0.00	41.44 1.82 0.00	40.90 2.39 0.00	41.01 2.83 0.00	44.04 3.11 -0.01	45.90 2.14 0.00	46.52 1.05 0.00	49.82 0.88 0.16	52.49 0.78 0.36	55.03 1.09 0.39	62.35 1.58 0.28	77.32 2.34 0.47	79.81 2.63 0.00	78.32 1.46 0.09	68.08 -0.07 4.93	61.44 0.31 0.01	49.97 0.15 1.61	46.71 0.37 0.00
NSINS_S_GLNS_FALLS 23858	40.66 1.94 0.00	36.59 1.71 0.00	34.51 1.74 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.41 1.65 0.00	40.35 1.81 0.00	41.36 1.74 0.00	39.86 1.35 0.00	39.33 1.15 0.00	41.78 0.86 0.00	44.58 0.83 0.00	46.15 0.68 0.00	49.87 0.79 0.00	53.22 1.15 0.00	55.75 1.41 0.00	62.99 1.95 0.00	78.32 2.87 0.00	81.67 4.48 0.00	81.19 4.23 0.00	77.32 4.24 0.00	64.93 3.79 0.00	54.36 2.93 0.00	48.56 2.22 0.00
NUCOR_STEEL___DRP 24197	38.92 0.19 0.00	35.06 0.17 0.00	32.87 0.10 0.00	30.04 0.06 0.00	29.96 0.12 0.00	33.72 -0.03 0.00	38.27 -0.27 0.00	39.30 -0.32 0.00	38.28 -0.23 0.00	37.91 -0.27 0.00	40.72 -0.20 0.00	43.80 0.04 0.00	45.52 0.05 0.00	49.33 0.25 0.00	52.54 0.47 0.00	54.88 0.54 0.00	61.65 0.61 0.00	76.35 0.91 0.00	79.04 1.85 0.00	78.88 1.92 0.00	74.69 1.61 0.00	62.06 0.92 0.00	52.04 0.62 0.00	46.85 0.51 0.00
NUMBER_THREE_WT_PWR 323818	40.08 1.35 0.00	36.03 1.15 0.00	33.88 1.11 0.00	30.91 0.93 0.00	30.74 0.89 0.00	34.86 1.11 0.00	39.85 1.31 0.00	40.80 1.19 0.00	39.40 0.89 0.00	38.83 0.65 0.00	41.62 0.70 0.00	44.58 0.83 0.00	46.43 0.96 0.00	50.22 1.13 0.00	53.21 1.14 0.00	55.48 1.14 0.00	62.50 1.46 0.00	77.86 2.41 0.00	80.58 3.39 0.00	80.80 3.85 0.00	76.00 2.93 0.00	63.34 2.20 0.00	52.81 1.39 0.00	47.45 1.11 0.00
NYISO_LBMP_REFERENCE 24008	38.72 0.00 0.00	34.88 0.00 0.00	32.77 0.00 0.00	29.98 0.00 0.00	29.85 0.00 0.00	33.75 0.00 0.00	38.54 0.00 0.00	39.62 0.00 0.00	38.51 0.00 0.00	38.18 0.00 0.00	40.92 0.00 0.00	43.75 0.00 0.00	45.47 0.00 0.00	49.09 0.00 0.00	52.07 0.00 0.00	54.34 0.00 0.00	61.04 0.00 0.00	75.45 0.00 0.00	77.19 0.00 0.00	76.95 0.00 0.00	73.08 0.00 0.00	61.14 0.00 0.00	51.43 0.00 0.00	46.34 0.00 0.00
NYPA_BRENTWD____GT 24164	41.63 2.91 0.00	37.40 2.51 0.00	34.90 2.13 0.00	31.93 1.95 0.00	31.76 1.91 0.00	35.64 1.89 0.00	40.54 2.00 0.00	42.15 2.54 0.00	41.52 3.01 0.00	41.62 3.44 0.00	44.65 3.72 -0.01	46.56 2.80 0.00	47.34 1.87 0.00	50.65 1.76 0.20	53.33 1.72 0.46	55.89 2.06 0.51	63.06 2.38 0.35	77.72 2.87 0.60	80.43 3.24 0.00	78.91 2.08 0.12	69.05 0.81 4.84	62.35 1.22 0.01	50.77 0.93 1.58	47.40 1.07 0.00

NYPA_GOWANUS____GT5 24156	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.53 2.45 0.01	54.46 2.40 0.01	56.67 2.33 0.00	63.47 2.44 0.01	78.31 2.87 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.37 1.75 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
NYPA_GOWANUS____GT6 24157	41.09 2.36 -0.01	37.06 2.16 -0.01	34.60 1.83 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.32 1.70 0.00	40.51 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.53 2.45 0.01	54.46 2.40 0.01	56.67 2.33 0.00	63.47 2.44 0.01	78.31 2.87 0.01	73.87 3.09 6.41	71.00 2.85 8.80	64.37 1.75 10.46	62.72 1.59 0.01	53.07 1.65 0.00	48.71 2.36 -0.01
NYPA_HARLEM__RVR__GT1 24160	40.98 2.25 -0.01	36.99 2.09 -0.01	34.50 1.74 0.00	31.42 1.44 0.00	31.37 1.52 0.00	35.00 1.25 0.00	39.92 1.39 0.00	41.28 1.66 0.00	40.47 1.96 0.01	40.51 2.33 0.00	43.46 2.54 0.00	46.33 2.58 0.00	47.97 2.50 0.00	51.49 2.40 0.00	54.31 2.24 0.00	56.56 2.23 0.00	63.47 2.44 0.01	78.15 2.71 0.01	79.96 2.77 0.01	79.48 2.54 0.01	74.68 1.61 0.01	62.54 1.41 0.01	53.22 1.80 0.00	48.62 2.27 -0.01
NYPA_HARLEM__RVR__GT2 24161	40.98 2.25 -0.01	36.99 2.09 -0.01	34.50 1.74 0.00	31.42 1.44 0.00	31.37 1.52 0.00	35.00 1.25 0.00	39.92 1.39 0.00	41.28 1.66 0.00	40.47 1.96 0.01	40.51 2.33 0.00	43.46 2.54 0.00	46.33 2.58 0.00	47.97 2.50 0.00	51.49 2.40 0.00	54.31 2.24 0.00	56.56 2.23 0.00	63.47 2.44 0.01	78.15 2.71 0.01	79.96 2.77 0.01	79.48 2.54 0.01	74.68 1.61 0.01	62.54 1.41 0.01	53.22 1.80 0.00	48.62 2.27 -0.01
NYPA_KENT____GT 24152	41.02 2.28 -0.01	36.99 2.09 -0.01	34.54 1.77 0.00	31.51 1.53 0.00	31.43 1.58 0.00	35.14 1.38 0.00	40.04 1.50 0.00	41.40 1.78 0.00	40.59 2.08 0.00	40.63 2.45 0.00	43.58 2.66 0.00	46.47 2.71 0.00	48.11 2.64 0.00	51.64 2.55 0.00	54.52 2.45 0.00	56.72 2.39 0.00	63.47 2.44 0.01	78.15 2.71 0.01	73.71 2.93 6.41	70.85 2.69 8.80	64.23 1.61 10.46	62.60 1.46 0.01	53.12 1.69 0.00	48.62 2.27 -0.01
NYPA_POUCH1____GT 24155	41.09 2.36 -0.01	37.06 2.16 -0.01	34.57 1.80 0.00	31.48 1.50 0.00	31.43 1.58 0.00	35.07 1.32 0.00	39.88 1.35 0.00	41.16 1.54 0.00	40.32 1.81 0.00	40.39 2.21 0.00	43.34 2.41 0.00	46.25 2.49 0.00	47.88 2.41 0.00	51.29 2.21 0.01	52.22 2.08 1.93	52.34 2.01 4.01	55.01 2.14 8.16	63.26 2.49 14.67	62.65 2.70 17.24	63.17 2.46 16.24	55.27 1.39 19.20	54.62 1.29 7.80	52.81 1.39 0.00	48.71 2.36 -0.01
NYPA_VERNON____GT2 24162	40.94 2.21 -0.01	36.92 2.02 -0.01	34.50 1.74 0.00	31.48 1.50 0.00	31.43 1.58 0.00	35.17 1.42 0.00	40.08 1.54 0.00	41.48 1.86 0.00	40.67 2.16 0.00	40.70 2.52 0.00	43.62 2.70 0.00	46.51 2.76 0.00	48.11 2.64 0.00	51.69 2.60 0.00	54.52 2.45 0.00	56.72 2.39 0.00	63.47 2.44 0.01	78.08 2.64 0.01	73.55 2.77 6.41	70.69 2.54 8.80	64.16 1.54 10.46	62.47 1.34 0.01	53.12 1.69 0.00	48.52 2.18 -0.01
NYPA_VERNON____GT3 24163	40.94 2.21 -0.01	36.92 2.02 -0.01	34.50 1.74 0.00	31.48 1.50 0.00	31.43 1.58 0.00	35.17 1.42 0.00	40.08 1.54 0.00	41.48 1.86 0.00	40.67 2.16 0.00	40.70 2.52 0.00	43.62 2.70 0.00	46.51 2.76 0.00	48.11 2.64 0.00	51.69 2.60 0.00	54.52 2.45 0.00	56.72 2.39 0.00	63.47 2.44 0.01	78.08 2.64 0.01	73.55 2.77 6.41	70.69 2.54 8.80	64.16 1.54 10.46	62.47 1.34 0.01	53.12 1.69 0.00	48.52 2.18 -0.01
NYPA__ASTORIA_CC1 323568	40.90 2.17 -0.01	36.92 2.02 -0.01	34.47 1.70 0.00	31.45 1.47 0.00	31.40 1.55 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.40 1.78 0.00	40.59 2.08 0.00	40.63 2.45 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.02 2.54 0.00	51.54 2.45 0.00	54.36 2.29 0.00	56.56 2.23 0.00	63.22 2.19 0.01	77.78 2.34 0.01	73.32 2.54 6.41	70.46 2.31 8.80	63.94 1.32 10.46	62.29 1.16 0.01	53.02 1.60 0.00	48.48 2.13 -0.01
NYPA__ASTORIA_CC2 323569	40.90 2.17 -0.01	36.92 2.02 -0.01	34.47 1.70 0.00	31.45 1.47 0.00	31.40 1.55 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.40 1.78 0.00	40.59 2.08 0.00	40.63 2.45 0.00	43.54 2.62 0.00	46.42 2.67 0.00	48.02 2.54 0.00	51.54 2.45 0.00	54.36 2.29 0.00	56.56 2.23 0.00	63.22 2.19 0.01	77.78 2.34 0.01	73.32 2.54 6.41	70.46 2.31 8.80	63.94 1.32 10.46	62.29 1.16 0.01	53.02 1.60 0.00	48.48 2.13 -0.01
NYPA__HOLTSVILL 23794	41.24 2.52 0.00	37.05 2.16 0.00	34.57 1.80 0.00	31.69 1.71 0.00	31.49 1.64 0.00	35.31 1.55 0.00	40.15 1.62 0.00	41.75 2.14 0.00	41.17 2.66 0.00	41.24 3.06 0.00	44.24 3.31 -0.01	46.16 2.40 0.00	46.93 1.45 0.00	50.26 1.33 0.15	52.87 1.14 0.34	55.43 1.47 0.37	62.73 1.95 0.26	77.42 2.41 0.44	79.81 2.63 0.00	78.40 1.54 0.09	68.29 0.15 4.94	61.68 0.55 0.01	50.28 0.46 1.61	47.03 0.70 0.00
NYPA____HELLGATE_GT1 24158	40.98 2.25 -0.01	36.99 2.09 -0.01	34.50 1.74 0.00	31.42 1.44 0.00	31.37 1.52 0.00	35.00 1.25 0.00	39.92 1.39 0.00	41.28 1.66 0.00	40.47 1.96 0.01	40.51 2.33 0.00	43.46 2.54 0.00	46.33 2.58 0.00	47.97 2.50 0.00	51.49 2.40 0.00	54.31 2.24 0.00	56.56 2.23 0.00	63.47 2.44 0.01	78.15 2.71 0.01	79.96 2.77 0.01	79.48 2.54 0.01	74.68 1.61 0.01	62.54 1.41 0.01	53.22 1.80 0.00	48.62 2.27 -0.01
NYPA____HELLGATE_GT2 24159	40.98 2.25 -0.01	36.99 2.09 -0.01	34.50 1.74 0.00	31.42 1.44 0.00	31.37 1.52 0.00	35.00 1.25 0.00	39.92 1.39 0.00	41.28 1.66 0.00	40.47 1.96 0.01	40.51 2.33 0.00	43.46 2.54 0.00	46.33 2.58 0.00	47.97 2.50 0.00	51.49 2.40 0.00	54.31 2.24 0.00	56.56 2.23 0.00	63.47 2.44 0.01	78.15 2.71 0.01	79.96 2.77 0.01	79.48 2.54 0.01	74.68 1.61 0.01	62.54 1.41 0.01	53.22 1.80 0.00	48.62 2.27 -0.01
NYS_BARGE__HYD 23848	38.72 0.00 0.00	35.06 0.18 0.00	32.61 -0.16 0.00	29.44 -0.54 0.00	29.40 -0.45 0.00	32.94 -0.81 0.00	36.18 -2.35 0.00	37.04 -2.57 0.00	36.78 -1.73 0.00	36.69 -1.49 0.00	39.28 -1.64 0.00	43.40 -0.35 0.00	46.02 0.55 0.00	49.38 0.30 0.00	52.80 0.73 0.00	55.15 0.82 0.00	60.61 -0.42 0.00	75.37 -0.08 0.00	79.12 1.93 0.00	78.72 1.77 0.00	73.22 0.15 0.00	59.61 -1.53 0.00	51.53 0.10 0.00	46.57 0.23 0.00
OAK_ORCHARD__HYD 24046	38.84 0.12 0.00	34.99 0.10 0.00	32.74 -0.03 0.00	29.89 -0.09 0.00	29.76 -0.09 0.00	33.31 -0.44 0.00	37.53 -1.00 0.00	38.71 -0.91 0.00	37.94 -0.58 0.00	37.72 -0.46 0.00	40.64 -0.28 0.00	44.19 0.44 0.00	46.47 1.00 0.00	50.16 1.08 0.00	53.53 1.46 0.00	55.85 1.52 0.00	62.19 1.16 0.00	77.34 1.89 0.00	80.43 3.24 0.00	80.18 3.23 0.00	75.27 2.19 0.00	61.93 0.79 0.00	52.61 1.18 0.00	47.36 1.02 0.00

OAKDALE___35_KV_LOAD 356122	39.11 0.39 0.00	35.23 0.35 0.00	33.00 0.23 0.00	30.19 0.21 0.00	30.11 0.27 0.00	33.82 0.07 0.00	38.27 -0.27 0.00	39.14 -0.48 0.00	38.24 -0.27 0.00	37.95 -0.23 0.00	40.72 -0.20 0.00	43.88 0.13 0.00	45.56 0.09 0.00	49.43 0.34 0.00	52.54 0.47 0.00	54.93 0.60 0.00	61.59 0.55 0.00	76.20 0.75 0.00	78.81 1.62 0.00	78.57 1.62 0.00	74.17 1.10 0.00	61.63 0.49 0.00	51.84 0.41 0.00	46.80 0.46 0.00
OCC_CHEM___DRP 24175	37.68 -1.05 0.00	34.12 -0.77 0.00	31.69 -1.08 0.00	28.93 -1.05 0.00	28.89 -0.96 0.00	32.03 -1.72 0.00	35.38 -3.16 0.00	36.25 -3.37 0.00	36.20 -2.31 0.00	36.04 -2.14 0.00	38.51 -2.41 0.00	42.57 -1.18 0.00	43.93 -1.55 0.00	48.20 -0.88 0.00	51.55 -0.52 0.00	53.85 -0.49 0.00	58.96 -2.08 0.00	72.88 -2.57 0.00	76.50 -0.69 0.00	76.34 -0.62 0.00	71.32 -1.75 0.00	58.14 -3.00 0.00	49.47 -1.95 0.00	44.76 -1.58 0.00
OH_GEN_PROXY 24063	38.10 -0.62 0.00	34.47 -0.42 0.00	32.05 -0.72 0.00	29.29 -0.69 0.00	29.22 -0.63 0.00	32.43 -1.32 0.00	35.88 -2.66 0.00	36.84 -2.77 0.00	36.63 -1.89 0.00	36.42 -1.76 0.00	39.00 -1.92 0.00	43.05 -0.70 0.00	45.52 0.05 0.00	48.89 -0.20 0.00	52.28 0.21 0.00	54.55 0.22 0.00	60.00 -1.04 0.00	74.55 -0.90 0.00	78.12 0.93 0.00	77.64 0.69 0.00	72.28 -0.80 0.00	58.94 -2.20 0.00	51.01 -0.41 0.00	46.15 -0.18 0.00
OLIN_CORP_DRP 24177	38.38 -0.35 0.00	34.78 -0.10 0.00	32.31 -0.46 0.00	29.50 -0.48 0.00	29.46 -0.39 0.00	32.67 -1.08 0.00	35.76 -2.77 0.00	36.41 -3.21 0.00	36.32 -2.20 0.00	36.19 -1.99 0.00	38.71 -2.21 0.00	42.79 -0.96 0.00	44.11 -1.36 0.00	48.40 -0.69 0.00	51.76 -0.31 0.00	54.06 -0.27 0.00	59.27 -1.77 0.00	73.26 -2.19 0.00	76.96 -0.23 0.00	76.88 -0.08 0.00	71.76 -1.32 0.00	58.51 -2.63 0.00	49.73 -1.70 0.00	45.13 -1.20 0.00
OLIN_CORP_DSASP 323712	37.68 -1.04 0.00	34.12 -0.77 0.00	31.69 -1.08 0.00	29.44 -0.54 0.00	29.40 -0.45 0.00	32.03 -1.72 0.00	35.38 -3.16 0.00	36.37 -3.25 0.00	36.20 -2.31 0.00	36.01 -2.17 0.00	38.51 -2.41 0.00	42.61 -1.14 0.00	45.11 -0.37 0.00	48.45 -0.64 0.00	51.81 -0.26 0.00	54.07 -0.27 0.00	59.33 -1.71 0.00	73.72 -1.73 0.00	77.27 0.08 0.00	76.80 -0.15 0.00	71.40 -1.68 0.00	58.20 -2.93 0.00	50.50 -0.92 0.00	45.87 -0.46 0.00
ONEIDA_HERK_LFGE 323681	39.85 1.12 0.00	35.90 1.01 0.00	33.72 0.95 0.00	30.79 0.81 0.00	30.65 0.81 0.00	34.66 0.91 0.00	39.58 1.04 0.00	40.61 0.99 0.00	39.32 0.81 0.00	38.79 0.61 0.00	41.62 0.70 0.00	44.63 0.87 0.00	46.43 0.96 0.00	50.22 1.13 0.00	53.27 1.20 0.00	55.59 1.25 0.00	62.62 1.58 0.00	77.86 2.41 0.00	80.43 3.24 0.00	80.33 3.38 0.00	75.85 2.78 0.00	63.34 2.20 0.00	52.92 1.49 0.00	47.59 1.25 0.00
ONEIDA___115KV_TB4 55905	39.92 1.20 0.00	35.97 1.08 0.00	33.78 1.02 0.00	30.85 0.87 0.00	30.68 0.84 0.00	34.70 0.95 0.00	39.54 1.00 0.00	40.57 0.95 0.00	39.32 0.81 0.00	38.83 0.65 0.00	41.66 0.74 0.00	44.76 1.01 0.00	46.52 1.05 0.00	50.41 1.33 0.00	53.53 1.46 0.00	55.91 1.58 0.00	63.05 2.01 0.00	78.24 2.79 0.00	80.82 3.63 0.00	80.72 3.77 0.00	76.44 3.36 0.00	63.77 2.63 0.00	53.33 1.90 0.00	47.91 1.58 0.00
ONONDAGA_REF_OCCRA 23987	38.57 -0.15 0.00	34.74 -0.14 0.00	32.57 -0.20 0.00	29.80 -0.18 0.00	29.70 -0.15 0.00	33.45 -0.30 0.00	37.96 -0.58 0.00	39.02 -0.59 0.00	38.01 -0.50 0.00	37.72 -0.46 0.00	40.51 -0.41 0.00	43.49 -0.26 0.00	45.20 -0.27 0.00	48.99 -0.10 0.00	52.07 0.00 0.00	54.39 0.05 0.00	61.16 0.12 0.00	75.60 0.15 0.00	77.96 0.77 0.00	77.72 0.77 0.00	73.59 0.51 0.00	61.26 0.12 0.00	51.43 0.00 0.00	46.24 -0.09 0.00
ONONDAGA___COGEN 23986	38.61 -0.12 0.00	34.78 -0.10 0.00	32.64 -0.13 0.00	29.83 -0.15 0.00	29.73 -0.12 0.00	33.52 -0.24 0.00	38.07 -0.46 0.00	39.10 -0.52 0.00	38.09 -0.42 0.00	37.76 -0.42 0.00	40.55 -0.37 0.00	43.53 -0.22 0.00	45.24 -0.23 0.00	49.04 -0.05 0.00	52.12 0.05 0.00	54.44 0.11 0.00	61.22 0.18 0.00	75.75 0.30 0.00	78.12 0.93 0.00	77.88 0.92 0.00	73.74 0.66 0.00	61.38 0.24 0.00	51.53 0.10 0.00	46.34 0.00 0.00
ONTARIO___LFGE 23819	39.31 0.58 0.00	35.37 0.49 0.00	33.10 0.33 0.00	30.25 0.27 0.00	30.17 0.33 0.00	33.92 0.17 0.00	38.27 -0.27 0.00	39.26 -0.36 0.00	38.36 -0.15 0.00	38.03 -0.15 0.00	40.88 -0.04 0.00	44.28 0.53 0.00	46.38 0.91 0.00	50.02 0.93 0.00	53.27 1.20 0.00	55.64 1.30 0.00	62.38 1.34 0.00	77.56 2.11 0.00	80.90 3.71 0.00	80.65 3.69 0.00	75.93 2.85 0.00	62.60 1.46 0.00	52.76 1.33 0.00	47.68 1.34 0.00
ORANGEVILLE_WT_PWR 323706	38.92 0.19 0.00	35.13 0.25 0.00	32.67 -0.10 0.00	29.80 -0.18 0.00	29.73 -0.12 0.00	33.15 -0.61 0.00	36.76 -1.77 0.00	37.55 -2.06 0.00	37.05 -1.46 0.00	36.92 -1.26 0.00	39.57 -1.35 0.00	43.49 -0.26 0.00	45.88 0.41 0.00	49.48 0.39 0.00	52.75 0.68 0.00	55.10 0.76 0.00	60.92 -0.12 0.00	75.83 0.38 0.00	79.59 2.40 0.00	79.34 2.39 0.00	74.18 1.10 0.00	60.59 -0.55 0.00	51.94 0.51 0.00	46.94 0.60 0.00
ORANGEVILLE___ESR 323794	38.92 0.19 0.00	35.13 0.25 0.00	32.67 -0.10 0.00	29.80 -0.18 0.00	29.73 -0.12 0.00	33.15 -0.61 0.00	36.76 -1.77 0.00	37.55 -2.06 0.00	37.05 -1.46 0.00	36.92 -1.26 0.00	39.57 -1.35 0.00	43.49 -0.26 0.00	45.88 0.41 0.00	49.48 0.39 0.00	52.75 0.68 0.00	55.10 0.76 0.00	60.92 -0.12 0.00	75.83 0.38 0.00	79.59 2.40 0.00	79.34 2.39 0.00	74.18 1.10 0.00	60.59 -0.55 0.00	51.94 0.51 0.00	46.94 0.60 0.00
OSWEGATCHIE___HYD 24044	39.69 0.97 0.00	35.65 0.77 0.00	33.49 0.72 0.00	30.58 0.60 0.00	30.41 0.57 0.00	34.60 0.84 0.00	39.65 1.12 0.00	40.64 1.03 0.00	39.21 0.69 0.00	38.71 0.53 0.00	41.54 0.61 0.00	44.50 0.74 0.00	46.29 0.82 0.00	49.97 0.88 0.00	52.85 0.78 0.00	54.88 0.54 0.00	61.59 0.55 0.00	76.43 0.98 0.00	78.58 1.39 0.00	78.95 2.00 0.00	74.97 1.90 0.00	62.91 1.77 0.00	52.66 1.23 0.00	47.36 1.02 0.00
OSWEGO___5 23606	37.99 -0.74 0.00	34.22 -0.66 0.00	32.11 -0.66 0.00	29.38 -0.60 0.00	29.25 -0.60 0.00	32.98 -0.77 0.00	37.50 -1.04 0.00	38.51 -1.11 0.00	37.51 -1.00 0.00	37.19 -0.99 0.00	39.90 -1.02 0.00	42.83 -0.92 0.00	44.61 -0.87 0.00	48.15 -0.93 0.00	51.18 -0.89 0.00	53.41 -0.92 0.00	60.00 -1.04 0.00	74.24 -1.21 0.00	76.42 -0.77 0.00	76.11 -0.84 0.00	72.05 -1.02 0.00	60.04 -1.10 0.00	50.60 -0.82 0.00	45.59 -0.74 0.00
OSWEGO___6 23613	37.99 -0.74 0.00	34.22 -0.66 0.00	32.11 -0.66 0.00	29.38 -0.60 0.00	29.25 -0.60 0.00	32.98 -0.77 0.00	37.50 -1.04 0.00	38.51 -1.11 0.00	37.51 -1.00 0.00	37.19 -0.99 0.00	39.90 -1.02 0.00	42.83 -0.92 0.00	44.61 -0.87 0.00	48.15 -0.93 0.00	51.18 -0.89 0.00	53.41 -0.92 0.00	60.00 -1.04 0.00	74.24 -1.21 0.00	76.42 -0.77 0.00	76.11 -0.84 0.00	72.05 -1.02 0.00	60.04 -1.10 0.00	50.60 -0.82 0.00	45.59 -0.74 0.00

OUTOKUMPU-AB___DRP 24206	38.76 0.04 0.00	35.06 0.17 0.00	32.57 -0.20 0.00	29.71 -0.27 0.00	29.70 -0.15 0.00	32.94 -0.81 0.00	36.34 -2.20 0.00	37.16 -2.46 0.00	37.09 -1.42 0.00	37.00 -1.18 0.00	39.61 -1.31 0.00	43.75 0.00 0.00	45.20 -0.27 0.00	49.67 0.59 0.00	53.16 1.09 0.00	55.59 1.25 0.00	60.73 -0.31 0.00	75.15 -0.30 0.00	78.97 1.78 0.00	78.80 1.85 0.00	73.44 0.37 0.00	59.92 -1.22 0.00	50.96 -0.46 0.00	46.11 -0.23 0.00
OXBOW___BTM 323836	38.30 -0.43 0.00	34.64 -0.24 0.00	32.18 -0.59 0.00	29.68 -0.30 0.00	29.64 -0.21 0.00	32.54 -1.21 0.00	35.91 -2.62 0.00	36.88 -2.73 0.00	36.70 -1.81 0.00	36.61 -1.57 0.00	39.16 -1.76 0.00	43.32 -0.44 0.00	45.93 0.45 0.00	49.38 0.30 0.00	52.80 0.73 0.00	55.15 0.82 0.00	60.43 -0.61 0.00	75.15 -0.30 0.00	78.81 1.62 0.00	78.34 1.39 0.00	72.79 -0.29 0.00	59.24 -1.90 0.00	51.37 -0.05 0.00	46.57 0.23 0.00
OXBOW___ 24026	38.30 -0.43 0.00	34.64 -0.24 0.00	32.18 -0.59 0.00	29.38 -0.60 0.00	29.34 -0.51 0.00	32.54 -1.22 0.00	35.92 -2.62 0.00	36.76 -2.85 0.00	36.70 -1.81 0.00	36.61 -1.57 0.00	39.16 -1.76 0.00	43.27 -0.48 0.00	44.70 -0.77 0.00	49.09 0.00 0.00	52.54 0.47 0.00	54.88 0.54 0.00	60.06 -0.98 0.00	74.24 -1.21 0.00	77.96 0.77 0.00	77.88 0.92 0.00	72.64 -0.44 0.00	59.18 -1.96 0.00	50.40 -1.03 0.00	45.55 -0.79 0.00
OXY_CHEM_DSASP 323612	37.68 -1.05 0.00	34.12 -0.77 0.00	31.69 -1.08 0.00	28.93 -1.05 0.00	28.89 -0.96 0.00	32.03 -1.72 0.00	35.38 -3.16 0.00	36.25 -3.37 0.00	36.20 -2.31 0.00	36.04 -2.14 0.00	38.51 -2.41 0.00	42.57 -1.18 0.00	43.93 -1.55 0.00	48.20 -0.88 0.00	51.55 -0.52 0.00	53.85 -0.49 0.00	58.96 -2.08 0.00	72.88 -2.57 0.00	76.50 -0.69 0.00	76.34 -0.62 0.00	71.32 -1.75 0.00	58.14 -3.00 0.00	49.47 -1.95 0.00	44.76 -1.58 0.00
OZONE_PARK_ESR 323760	41.09 2.36 0.00	37.05 2.16 0.00	34.67 1.90 0.00	31.69 1.71 0.00	31.61 1.76 0.00	35.51 1.76 0.00	40.54 2.00 0.00	41.99 2.38 0.00	41.17 2.66 0.00	41.08 2.90 0.00	44.03 3.11 0.00	46.90 3.15 0.00	48.75 3.27 0.00	52.23 3.14 0.00	55.25 3.18 0.00	57.65 3.31 0.00	64.64 3.60 0.00	79.45 4.00 0.00	81.28 4.09 0.00	80.80 3.85 0.00	75.93 2.85 0.00	63.52 2.38 0.00	54.00 2.57 0.00	48.93 2.59 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	37.68 -1.05 0.00	34.12 -0.77 0.00	31.69 -1.08 0.00	28.93 -1.05 0.00	28.89 -0.96 0.00	32.03 -1.72 0.00	35.38 -3.16 0.00	36.25 -3.37 0.00	36.20 -2.31 0.00	36.04 -2.14 0.00	38.51 -2.41 0.00	42.57 -1.18 0.00	43.93 -1.55 0.00	48.20 -0.88 0.00	51.55 -0.52 0.00	53.85 -0.49 0.00	58.96 -2.08 0.00	72.88 -2.57 0.00	76.50 -0.69 0.00	76.34 -0.62 0.00	71.32 -1.75 0.00	58.14 -3.00 0.00	49.47 -1.95 0.00	44.76 -1.58 0.00
PACKARD__115KV_DUPONT_184 80571	37.68 -1.05 0.00	34.12 -0.77 0.00	31.69 -1.08 0.00	28.93 -1.05 0.00	28.89 -0.96 0.00	32.03 -1.72 0.00	35.38 -3.16 0.00	36.25 -3.37 0.00	36.20 -2.31 0.00	36.04 -2.14 0.00	38.51 -2.41 0.00	42.57 -1.18 0.00	43.93 -1.55 0.00	48.20 -0.88 0.00	51.55 -0.52 0.00	53.85 -0.49 0.00	58.96 -2.08 0.00	72.88 -2.57 0.00	76.50 -0.69 0.00	76.34 -0.62 0.00	71.32 -1.75 0.00	58.14 -3.00 0.00	49.47 -1.95 0.00	44.76 -1.58 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.97 2.25 0.00	36.98 2.09 0.00	34.54 1.77 0.00	31.45 1.47 0.00	31.40 1.55 0.00	35.03 1.28 0.00	39.92 1.39 0.00	41.28 1.66 0.00	40.44 1.93 0.00	40.47 2.29 0.00	43.42 2.50 0.00	46.29 2.54 0.00	48.15 2.68 0.00	51.25 2.16 0.00	54.26 2.19 0.00	56.62 2.28 0.00	63.42 2.38 0.00	78.09 2.64 0.00	79.81 2.62 0.01	79.33 2.39 0.01	74.60 1.53 0.01	62.54 1.41 0.00	53.33 1.90 0.00	48.75 2.41 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	41.59 2.87 0.00	37.54 2.65 0.00	35.06 2.29 0.00	31.93 1.95 0.00	31.87 2.03 0.00	35.57 1.82 0.00	40.54 2.00 0.00	41.87 2.26 0.00	41.05 2.54 0.00	41.04 2.86 0.00	44.03 3.11 0.00	46.99 3.24 0.00	48.84 3.36 0.00	51.98 2.90 0.00	55.09 3.02 0.00	57.49 3.15 0.00	64.40 3.36 0.00	79.37 3.92 0.00	81.20 4.01 0.01	80.72 3.77 0.01	75.92 2.85 0.01	63.58 2.45 0.00	54.20 2.78 0.00	49.53 3.20 0.00
PATROON__115KV_TB1 80586	39.61 0.89 0.00	35.86 0.98 0.00	33.78 1.02 0.00	30.97 0.99 0.00	30.80 0.96 0.00	34.63 0.88 0.00	39.35 0.81 0.00	40.53 0.91 0.00	39.24 0.73 0.00	38.83 0.65 0.00	41.50 0.57 0.00	43.88 0.13 0.00	45.52 0.05 0.00	49.09 0.00 0.00	52.17 0.10 0.00	54.55 0.22 0.00	61.40 0.37 0.00	75.83 0.38 0.00	77.88 0.69 0.00	77.34 0.38 0.00	73.22 0.15 0.00	61.63 0.49 0.00	51.84 0.41 0.00	46.57 0.23 0.00
PATTRSNVILLE___SOLAR 323815	40.16 1.43 0.00	36.18 1.29 0.00	34.05 1.28 0.00	31.12 1.14 0.00	31.04 1.20 0.00	34.97 1.21 0.00	39.73 1.20 0.00	40.69 1.07 0.00	39.28 0.77 0.00	38.79 0.61 0.00	41.50 0.57 0.00	44.23 0.48 0.00	45.88 0.41 0.00	49.68 0.59 0.00	52.85 0.78 0.00	55.26 0.92 0.00	62.26 1.22 0.00	77.34 1.89 0.00	80.05 2.86 0.00	79.88 2.92 0.00	75.78 2.71 0.00	63.59 2.45 0.00	53.33 1.90 0.00	47.91 1.58 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	38.72 0.00 0.00	34.95 0.07 0.00	32.47 -0.29 0.00	29.65 -0.33 0.00	29.64 -0.21 0.00	32.94 -0.81 0.00	36.42 -2.12 0.00	37.04 -2.58 0.00	36.93 -1.58 0.00	36.92 -1.26 0.00	39.53 -1.39 0.00	43.62 -0.13 0.00	45.20 -0.27 0.00	49.72 0.64 0.00	53.06 0.99 0.00	55.53 1.20 0.00	61.16 0.12 0.00	75.75 0.30 0.00	79.51 2.32 0.00	79.34 2.39 0.00	73.96 0.88 0.00	60.28 -0.86 0.00	51.01 -0.41 0.00	46.29 -0.05 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.70 1.97 0.00	36.73 1.85 0.00	34.41 1.64 0.00	31.51 1.53 0.00	31.40 1.55 0.00	35.34 1.59 0.00	40.19 1.66 0.00	41.52 1.90 0.00	40.52 2.00 0.00	40.28 2.10 0.00	43.21 2.29 0.00	46.03 2.28 0.00	47.97 2.50 0.00	51.59 2.50 0.00	54.78 2.71 0.00	57.11 2.77 0.00	64.33 3.30 0.00	79.45 4.00 0.00	81.44 4.25 0.00	80.95 4.00 0.00	76.07 3.00 0.00	63.71 2.57 0.00	53.74 2.31 0.00	48.42 2.09 0.00
PEEKSKILL___ 23653	40.39 1.66 0.00	36.46 1.57 0.00	34.15 1.38 0.00	31.24 1.26 0.00	31.13 1.28 0.00	35.00 1.25 0.00	39.88 1.35 0.00	41.20 1.59 0.00	40.32 1.81 0.00	40.13 1.95 0.00	43.05 2.13 0.00	45.77 2.01 0.00	47.38 1.91 0.00	51.10 2.01 0.00	54.10 2.03 0.00	56.40 2.06 0.00	63.36 2.32 0.00	78.09 2.64 0.00	80.12 2.93 0.00	79.57 2.62 0.00	74.76 1.68 0.00	62.67 1.53 0.00	52.92 1.49 0.00	47.78 1.44 0.00
PGE MADISON___WINDPWR 24146	41.59 2.87 0.00	37.43 2.55 0.00	35.10 2.33 0.00	31.99 2.01 0.00	31.84 2.00 0.00	35.94 2.19 0.00	40.85 2.31 0.00	43.10 3.49 0.00	41.25 2.73 0.00	40.20 2.02 0.00	43.05 2.13 0.00	46.73 2.98 0.00	48.79 3.32 0.00	53.11 4.03 0.00	56.34 4.27 0.00	57.65 3.31 0.00	65.31 4.27 0.00	81.71 6.26 0.00	85.76 8.57 0.00	85.42 8.46 0.00	80.61 7.53 0.00	66.64 5.50 0.00	55.59 4.16 0.00	49.86 3.52 0.00

PIERCEFIELD___HYD 23852	39.42 0.70 0.00	35.41 0.52 0.00	33.26 0.49 0.00	30.40 0.42 0.00	30.20 0.36 0.00	34.46 0.71 0.00	39.65 1.12 0.00	40.69 1.07 0.00	39.24 0.73 0.00	38.83 0.65 0.00	41.66 0.74 0.00	44.58 0.83 0.00	46.43 0.95 0.00	50.12 1.03 0.00	52.85 0.78 0.00	54.55 0.22 0.00	60.98 -0.06 0.00	75.37 -0.08 0.00	76.96 -0.23 0.00	77.26 0.31 0.00	73.88 0.80 0.00	62.30 1.16 0.00	52.35 0.93 0.00	47.22 0.88 0.00
PINELAWN_CC_1 323563	41.43 2.71 0.00	37.22 2.34 0.00	34.74 1.97 0.00	31.78 1.80 0.00	31.61 1.76 0.00	35.51 1.75 0.00	40.39 1.85 0.00	41.95 2.34 0.00	41.36 2.85 0.00	41.39 3.21 0.00	44.37 3.44 -0.01	46.38 2.62 0.00	47.29 1.82 0.00	50.28 1.27 0.08	53.03 1.14 0.19	55.61 1.47 0.20	62.48 1.58 0.14	77.02 1.81 0.23	79.35 2.16 0.00	78.06 1.16 0.05	68.71 0.00 4.37	61.38 0.25 0.01	50.51 0.51 1.43	47.35 1.02 0.00
PJM_GEN_HTP_PROXY 323702	40.66 1.94 0.00	36.66 1.78 0.00	34.34 1.57 0.00	31.39 1.41 0.00	31.31 1.46 0.00	35.20 1.45 0.00	40.15 1.62 0.00	41.56 1.94 0.00	40.75 2.23 0.00	40.63 2.45 0.00	43.54 2.62 0.00	46.33 2.58 0.00	47.93 2.45 0.00	51.64 2.55 0.00	54.57 2.50 0.00	56.89 2.55 0.00	63.79 2.75 0.00	78.47 3.02 0.00	80.36 3.17 0.00	79.88 2.92 0.00	74.97 1.90 0.00	62.79 1.65 0.00	53.22 1.80 0.00	48.14 1.81 0.00
PJM_GEN_KEystone 24065	39.27 0.54 0.00	35.44 0.56 0.00	33.10 0.33 0.00	30.28 0.30 0.00	30.17 0.33 0.00	33.79 0.03 0.00	38.08 -0.46 0.00	39.10 -0.52 0.00	38.51 0.00 0.00	38.33 0.15 0.00	41.09 0.16 0.00	44.32 0.57 0.00	46.29 0.82 0.00	49.87 0.78 0.00	52.82 0.88 0.13	55.03 0.98 0.28	61.08 0.61 0.57	75.25 0.83 1.03	77.76 1.78 1.21	77.27 1.46 1.14	72.10 0.37 1.34	60.35 -0.24 0.55	51.89 0.46 0.00	46.94 0.60 0.00
PJM_GEN_NEPTUNE_PROXY 323594	40.93 2.21 0.00	36.80 1.92 0.00	34.37 1.61 0.00	31.45 1.47 0.00	31.28 1.43 0.00	35.14 1.38 0.00	40.00 1.46 0.00	41.52 1.90 0.00	40.90 2.39 0.00	40.93 2.75 0.00	43.79 2.86 -0.01	45.94 2.19 0.00	46.97 1.50 0.00	50.45 1.37 0.01	53.41 1.35 0.02	55.91 1.58 0.00	62.93 1.89 0.00	77.56 2.11 0.00	79.58 2.40 0.00	78.41 1.46 0.00	68.21 0.44 5.31	61.68 0.55 0.01	50.26 0.57 1.73	46.98 0.65 0.00
PJM_GEN_VFT_PROXY 323633	40.43 1.70 0.00	36.49 1.61 0.00	34.14 1.38 0.01	31.23 1.26 0.01	31.12 1.28 0.01	35.03 1.28 0.00	39.96 1.43 0.00	41.44 1.82 0.00	40.63 2.12 0.00	40.55 2.37 0.00	43.46 2.54 0.00	46.25 2.49 0.00	47.79 2.32 0.00	51.44 2.36 0.00	52.38 2.24 1.92	52.55 2.23 4.01	55.19 2.32 8.17	63.18 2.41 14.68	62.57 2.63 17.25	63.01 2.31 16.25	55.19 1.32 19.20	54.49 1.16 7.81	52.91 1.49 0.01	47.91 1.58 0.00
PLATSBURG_115KV_PMLD1 355749	40.08 1.36 0.00	35.97 1.08 0.00	33.75 0.98 0.00	30.85 0.87 0.00	30.68 0.84 0.00	34.97 1.22 0.00	40.23 1.70 0.00	41.28 1.66 0.00	39.94 1.42 0.00	39.63 1.45 0.00	42.52 1.60 0.00	45.50 1.75 0.00	47.38 1.91 0.00	51.15 2.06 0.00	53.06 0.99 0.00	54.61 0.27 0.00	61.40 0.37 0.00	75.83 0.38 0.00	77.19 0.00 0.00	77.41 0.46 0.00	73.96 0.88 0.00	61.63 0.49 0.00	51.89 0.46 0.00	47.40 1.07 0.00
PLEASANTVLY___LBMP 24000	40.16 1.43 0.00	36.28 1.40 0.00	34.01 1.25 0.00	31.15 1.17 0.00	31.04 1.19 0.00	34.87 1.11 0.00	39.73 1.19 0.00	41.00 1.39 0.00	40.01 1.50 0.00	39.78 1.60 0.00	42.64 1.72 0.00	45.37 1.62 0.00	47.15 1.68 0.00	50.61 1.52 0.00	53.63 1.56 0.00	55.97 1.63 0.00	62.87 1.83 0.00	77.49 2.04 0.00	79.43 2.24 0.00	78.88 1.92 0.00	74.25 1.17 0.00	62.36 1.22 0.00	52.76 1.34 0.00	47.63 1.30 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.51 1.78 0.00	36.56 1.67 0.00	34.24 1.47 0.00	31.33 1.35 0.00	31.22 1.37 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.40 1.78 0.00	40.48 1.96 0.00	40.32 2.14 0.00	43.21 2.29 0.00	45.98 2.23 0.00	47.84 2.36 0.00	51.29 2.21 0.00	54.36 2.29 0.00	56.73 2.39 0.00	63.66 2.62 0.00	78.39 2.94 0.00	80.28 3.09 0.00	79.80 2.85 0.00	74.98 1.90 0.00	62.85 1.71 0.00	53.23 1.80 0.00	48.10 1.76 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	40.51 1.78 0.00	36.56 1.67 0.00	34.24 1.47 0.00	31.33 1.35 0.00	31.22 1.37 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.40 1.78 0.00	40.48 1.96 0.00	40.32 2.14 0.00	43.21 2.29 0.00	45.98 2.23 0.00	47.84 2.36 0.00	51.29 2.21 0.00	54.36 2.29 0.00	56.73 2.39 0.00	63.66 2.62 0.00	78.39 2.94 0.00	80.28 3.09 0.00	79.80 2.85 0.00	74.98 1.90 0.00	62.85 1.71 0.00	53.23 1.80 0.00	48.10 1.76 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.47 1.74 0.00	36.56 1.67 0.00	34.28 1.51 0.00	31.36 1.38 0.00	31.25 1.40 0.00	35.14 1.38 0.00	39.96 1.43 0.00	41.24 1.62 0.00	40.17 1.66 0.00	39.94 1.76 0.00	42.76 1.84 0.00	45.55 1.79 0.00	47.47 2.00 0.00	51.10 2.01 0.00	54.20 2.13 0.00	56.67 2.34 0.00	63.78 2.75 0.00	78.77 3.32 0.00	80.74 3.55 0.00	80.18 3.23 0.00	75.49 2.41 0.00	63.34 2.20 0.00	53.48 2.06 0.00	48.19 1.85 0.00
POLETTI_____ 23519	40.62 1.90 0.00	36.66 1.78 0.00	34.31 1.54 0.00	31.42 1.44 0.00	31.31 1.46 0.00	35.17 1.42 0.00	40.12 1.58 0.00	41.56 1.94 0.00	40.71 2.20 0.00	40.62 2.44 0.00	43.54 2.62 0.00	46.33 2.58 0.00	48.15 2.68 0.00	51.59 2.50 0.00	54.52 2.45 0.00	56.89 2.55 0.00	63.72 2.69 0.00	78.32 2.87 0.00	80.12 2.93 0.00	79.65 2.69 0.00	74.83 1.75 0.00	62.67 1.53 0.00	53.33 1.90 0.00	48.33 1.99 0.00
POMONA___ESR 323819	40.35 1.63 0.00	36.42 1.53 0.00	34.11 1.34 0.00	31.21 1.23 0.00	31.13 1.28 0.00	35.00 1.25 0.00	39.81 1.27 0.00	41.12 1.51 0.00	40.25 1.73 0.00	40.05 1.87 0.00	42.93 2.00 0.00	45.68 1.92 0.00	47.29 1.82 0.00	51.05 1.97 0.00	54.05 1.98 0.00	56.40 2.06 0.00	63.36 2.32 0.00	78.09 2.64 0.00	80.12 2.93 0.00	79.57 2.62 0.00	74.68 1.61 0.00	62.60 1.46 0.00	52.92 1.49 0.00	47.78 1.44 0.00
PORT_JEFF_3 23555	41.32 2.59 0.00	37.08 2.20 0.00	34.64 1.87 0.00	31.72 1.74 0.00	31.52 1.67 0.00	35.34 1.59 0.00	40.19 1.66 0.00	41.79 2.18 0.00	41.21 2.69 0.00	41.31 3.13 0.00	44.33 3.39 -0.01	46.25 2.49 0.00	47.02 1.55 0.00	50.30 1.37 0.16	52.89 1.20 0.37	55.34 1.41 0.41	62.65 1.89 0.29	77.07 2.11 0.49	79.58 2.40 0.00	78.08 1.23 0.10	68.00 -0.15 4.93	61.56 0.43 0.01	50.33 0.51 1.61	47.12 0.79 0.00
PORT_JEFF_4 23616	41.32 2.59 0.00	37.08 2.20 0.00	34.64 1.87 0.00	31.72 1.74 0.00	31.52 1.67 0.00	35.34 1.59 0.00	40.19 1.66 0.00	41.79 2.18 0.00	41.21 2.69 0.00	41.31 3.13 0.00	44.33 3.39 -0.01	46.25 2.49 0.00	47.02 1.55 0.00	50.30 1.37 0.16	52.89 1.20 0.37	55.34 1.41 0.41	62.65 1.89 0.29	77.07 2.11 0.49	79.58 2.40 0.00	78.08 1.23 0.10	68.00 -0.15 4.93	61.56 0.43 0.01	50.33 0.51 1.61	47.12 0.79 0.00

PORT_JEFF_IC 23713	41.36 2.63 0.00	37.12 2.23 0.00	34.67 1.90 0.00	31.75 1.77 0.00	31.55 1.70 0.00	35.37 1.62 0.00	40.23 1.70 0.00	41.95 2.34 0.00	41.29 2.77 0.00	41.35 3.17 0.00	44.40 3.48 0.00	46.86 3.11 0.00	48.47 3.00 0.00	50.40 1.52 0.21	52.99 1.41 0.49	55.59 1.79 0.54	62.98 2.32 0.38	77.08 2.26 0.64	79.58 2.39 0.00	78.06 1.23 0.13	68.09 -0.07 4.91	61.80 0.67 0.01	50.65 0.82 1.60	48.19 1.85 0.00
PPL PILGRIM_ST_GT1 24216	41.63 2.91 0.00	37.40 2.51 0.00	34.90 2.13 0.00	31.93 1.95 0.00	31.76 1.91 0.00	35.64 1.89 0.00	40.54 2.00 0.00	42.15 2.54 0.00	41.52 3.01 0.00	41.62 3.44 0.00	44.65 3.72 -0.01	46.56 2.80 0.00	47.34 1.87 0.00	50.65 1.76 0.20	53.33 1.72 0.46	55.89 2.06 0.51	63.06 2.38 0.35	77.72 2.87 0.60	80.43 3.24 0.00	78.91 2.08 0.12	69.05 0.81 4.84	62.35 1.22 0.01	50.77 0.93 1.58	47.40 1.07 0.00
PPL PILGRIM_ST_GT2 24217	41.63 2.91 0.00	37.40 2.51 0.00	34.90 2.13 0.00	31.93 1.95 0.00	31.76 1.91 0.00	35.64 1.89 0.00	40.54 2.00 0.00	42.15 2.54 0.00	41.52 3.01 0.00	41.62 3.44 0.00	44.65 3.72 -0.01	46.56 2.80 0.00	47.34 1.87 0.00	50.65 1.76 0.20	53.33 1.72 0.46	55.89 2.06 0.51	63.06 2.38 0.35	77.72 2.87 0.60	80.43 3.24 0.00	78.91 2.08 0.12	69.05 0.81 4.84	62.35 1.22 0.01	50.77 0.93 1.58	47.40 1.07 0.00
PPL_SHRM_GT3 24213	40.97 2.25 0.00	36.80 1.92 0.00	34.34 1.57 0.00	31.48 1.50 0.00	31.28 1.43 0.00	35.03 1.28 0.00	39.85 1.31 0.00	41.48 1.86 0.00	40.90 2.39 0.00	41.01 2.83 0.00	44.04 3.11 -0.01	45.94 2.19 0.00	46.56 1.09 0.00	49.84 0.93 0.17	52.45 0.78 0.40	55.04 1.14 0.44	62.38 1.65 0.31	77.42 2.49 0.52	79.96 2.77 0.00	78.47 1.62 0.10	68.23 0.07 4.92	61.50 0.37 0.01	50.03 0.21 1.60	46.80 0.46 0.00
PPL_SHRM_GT4 24214	40.97 2.25 0.00	36.80 1.92 0.00	34.34 1.57 0.00	31.48 1.50 0.00	31.28 1.43 0.00	35.03 1.28 0.00	39.85 1.31 0.00	41.48 1.86 0.00	40.90 2.39 0.00	41.01 2.83 0.00	44.04 3.11 -0.01	45.94 2.19 0.00	46.56 1.09 0.00	49.84 0.93 0.17	52.45 0.78 0.40	55.04 1.14 0.44	62.38 1.65 0.31	77.42 2.49 0.52	79.96 2.77 0.00	78.47 1.62 0.10	68.23 0.07 4.92	61.50 0.37 0.01	50.03 0.21 1.60	46.80 0.46 0.00
PROJECT___ORANGE 1 24174	38.45 -0.27 0.00	34.64 -0.24 0.00	32.51 -0.26 0.00	29.71 -0.27 0.00	29.61 -0.24 0.00	33.35 -0.41 0.00	37.88 -0.66 0.00	38.90 -0.71 0.00	37.94 -0.58 0.00	37.61 -0.57 0.00	40.43 -0.49 0.00	43.40 -0.35 0.00	45.11 -0.36 0.00	48.89 -0.20 0.00	51.97 -0.10 0.00	54.28 -0.05 0.00	60.98 -0.06 0.00	75.37 -0.08 0.00	77.65 0.46 0.00	77.41 0.46 0.00	73.22 0.15 0.00	60.96 -0.18 0.00	51.22 -0.21 0.00	46.06 -0.28 0.00
PROJECT___ORANGE 2 24166	38.45 -0.27 0.00	34.64 -0.24 0.00	32.51 -0.26 0.00	29.71 -0.27 0.00	29.61 -0.24 0.00	33.35 -0.41 0.00	37.88 -0.66 0.00	38.90 -0.71 0.00	37.94 -0.58 0.00	37.61 -0.57 0.00	40.43 -0.49 0.00	43.40 -0.35 0.00	45.11 -0.36 0.00	48.89 -0.20 0.00	51.97 -0.10 0.00	54.28 -0.05 0.00	60.98 -0.06 0.00	75.37 -0.08 0.00	77.65 0.46 0.00	77.41 0.46 0.00	73.22 0.15 0.00	60.96 -0.18 0.00	51.22 -0.21 0.00	46.06 -0.28 0.00
PUCKETT___SOLAR 323809	39.69 0.97 0.00	35.76 0.87 0.00	33.49 0.72 0.00	30.61 0.63 0.00	30.53 0.69 0.00	34.36 0.61 0.00	38.88 0.35 0.00	39.62 0.00 0.00	38.59 0.08 0.00	38.14 -0.04 0.00	40.88 -0.04 0.00	43.97 0.22 0.00	45.83 0.36 0.00	49.58 0.49 0.00	52.70 0.63 0.00	55.31 0.98 0.00	62.19 1.16 0.00	77.34 1.89 0.00	80.51 3.32 0.00	80.26 3.31 0.00	75.71 2.63 0.00	62.91 1.77 0.00	52.97 1.54 0.00	47.73 1.39 0.00
PYRITES___HYD 24023	39.96 1.24 0.00	35.86 0.98 0.00	33.72 0.95 0.00	30.76 0.78 0.00	30.56 0.72 0.00	34.90 1.15 0.00	40.19 1.66 0.00	41.12 1.51 0.00	39.55 1.04 0.00	39.06 0.88 0.00	41.90 0.98 0.00	44.85 1.09 0.00	46.70 1.23 0.00	50.41 1.33 0.00	53.16 1.09 0.00	54.88 0.54 0.00	61.59 0.55 0.00	76.28 0.83 0.00	78.19 1.00 0.00	78.80 1.85 0.00	75.49 2.41 0.00	63.58 2.45 0.00	53.28 1.85 0.00	48.01 1.67 0.00
QUAKERRD_115KV_BK1 80622	37.95 -0.77 0.00	34.19 -0.70 0.00	32.02 -0.75 0.00	29.23 -0.75 0.00	29.10 -0.75 0.00	32.64 -1.11 0.00	36.88 -1.66 0.00	37.95 -1.66 0.00	37.20 -1.31 0.00	37.00 -1.18 0.00	39.86 -1.06 0.00	43.18 -0.57 0.00	44.83 -0.64 0.00	48.79 -0.29 0.00	52.12 0.05 0.00	54.39 0.05 0.00	60.67 -0.37 0.00	75.22 -0.23 0.00	77.96 0.77 0.00	77.95 1.00 0.00	73.37 0.29 0.00	60.59 -0.55 0.00	50.96 -0.46 0.00	45.83 -0.51 0.00
QUENSBRY_115KV_TB8 356137	40.70 1.97 0.00	36.63 1.74 0.00	34.51 1.74 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.44 1.69 0.00	40.35 1.81 0.00	41.40 1.78 0.00	39.86 1.35 0.00	39.36 1.18 0.00	41.78 0.86 0.00	44.63 0.88 0.00	46.15 0.68 0.00	49.92 0.83 0.00	53.27 1.20 0.00	55.86 1.52 0.00	63.05 2.01 0.00	78.47 3.02 0.00	81.90 4.71 0.00	81.34 4.39 0.00	77.54 4.46 0.00	65.05 3.91 0.00	54.41 2.98 0.00	48.61 2.27 0.00
RAMAPO___LBMP 323565	40.20 1.47 0.00	36.28 1.40 0.00	34.01 1.25 0.00	31.12 1.14 0.00	31.01 1.16 0.00	34.87 1.11 0.00	39.69 1.16 0.00	41.00 1.39 0.00	40.09 1.58 0.00	39.90 1.72 0.00	42.76 1.84 0.00	45.55 1.79 0.00	47.34 1.86 0.00	50.80 1.72 0.00	53.79 1.72 0.00	56.18 1.85 0.00	63.11 2.08 0.00	77.71 2.26 0.00	79.66 2.47 0.00	79.11 2.15 0.00	74.39 1.32 0.00	62.36 1.22 0.00	52.81 1.39 0.00	47.77 1.44 0.00
RANKINE____ 23646	38.92 0.19 0.00	35.16 0.28 0.00	32.67 -0.10 0.00	29.83 -0.15 0.00	29.79 -0.06 0.00	33.08 -0.68 0.00	36.57 -1.97 0.00	37.36 -2.26 0.00	37.24 -1.27 0.00	37.19 -0.99 0.00	39.82 -1.10 0.00	43.93 0.18 0.00	45.47 0.00 0.00	49.97 0.88 0.00	53.37 1.30 0.00	55.80 1.47 0.00	61.34 0.31 0.00	75.98 0.53 0.00	79.74 2.55 0.00	79.57 2.62 0.00	74.25 1.17 0.00	60.53 -0.61 0.00	51.27 -0.15 0.00	46.43 0.09 0.00
RAVENSWOOD_GT2_1 24244	40.70 1.97 0.00	36.73 1.85 0.00	34.37 1.61 0.00	31.42 1.44 0.00	31.34 1.49 0.00	35.24 1.49 0.00	40.15 1.62 0.00	41.60 1.98 0.00	40.75 2.23 0.00	40.66 2.48 0.00	43.58 2.66 0.00	46.38 2.63 0.00	48.25 2.77 0.00	51.64 2.55 0.00	54.62 2.55 0.00	56.94 2.61 0.00	63.85 2.81 0.00	78.54 3.09 0.00	80.35 3.16 0.00	79.80 2.85 0.00	74.98 1.90 0.00	62.79 1.65 0.00	53.38 1.95 0.00	48.42 2.09 0.00
RAVENSWOOD_GT2_2 24245	40.70 1.97 0.00	36.73 1.85 0.00	34.37 1.61 0.00	31.42 1.44 0.00	31.34 1.49 0.00	35.24 1.49 0.00	40.15 1.62 0.00	41.60 1.98 0.00	40.75 2.23 0.00	40.66 2.48 0.00	43.58 2.66 0.00	46.38 2.63 0.00	48.25 2.77 0.00	51.64 2.55 0.00	54.62 2.55 0.00	56.94 2.61 0.00	63.85 2.81 0.00	78.54 3.09 0.00	80.35 3.16 0.00	79.80 2.85 0.00	74.98 1.90 0.00	62.79 1.65 0.00	53.38 1.95 0.00	48.42 2.09 0.00



RAVENSWOOD_GT2_3 24246	40.70 1.97 0.00	36.73 1.85 0.00	34.37 1.61 0.00	31.45 1.47 0.00	31.37 1.52 0.00	35.24 1.49 0.00	40.19 1.66 0.00	41.64 2.02 0.00	40.79 2.27 0.00	40.66 2.48 0.00	43.62 2.70 0.00	46.42 2.67 0.00	48.25 2.77 0.00	51.69 2.60 0.00	54.67 2.60 0.00	57.00 2.66 0.00	63.91 2.87 0.00	78.54 3.09 0.00	80.35 3.16 0.00	79.88 2.92 0.00	75.05 1.97 0.00	62.85 1.71 0.00	53.43 2.01 0.00	48.42 2.09 0.00
RAVENSWOOD_GT2_4 24247	40.70 1.97 0.00	36.73 1.85 0.00	34.37 1.61 0.00	31.45 1.47 0.00	31.37 1.52 0.00	35.24 1.49 0.00	40.19 1.66 0.00	41.64 2.02 0.00	40.79 2.27 0.00	40.66 2.48 0.00	43.62 2.70 0.00	46.42 2.67 0.00	48.25 2.77 0.00	51.69 2.60 0.00	54.67 2.60 0.00	57.00 2.66 0.00	63.91 2.87 0.00	78.54 3.09 0.00	80.35 3.16 0.00	79.88 2.92 0.00	75.05 1.97 0.00	62.85 1.71 0.00	53.43 2.01 0.00	48.42 2.09 0.00
RAVENSWOOD_GT3_1 24248	40.70 1.97 0.00	36.73 1.85 0.00	34.37 1.61 0.00	31.45 1.47 0.00	31.34 1.49 0.00	35.24 1.49 0.00	40.19 1.66 0.00	41.60 1.98 0.00	40.75 2.23 0.00	40.66 2.48 0.00	43.58 2.66 0.00	46.38 2.63 0.00	48.25 2.77 0.00	51.64 2.55 0.00	54.62 2.55 0.00	57.00 2.66 0.00	63.85 2.81 0.00	78.54 3.09 0.00	80.35 3.16 0.00	79.80 2.85 0.00	74.98 1.90 0.00	62.79 1.65 0.00	53.38 1.95 0.00	48.42 2.09 0.00
RAVENSWOOD_GT3_2 24249	40.70 1.97 0.00	36.73 1.85 0.00	34.37 1.61 0.00	31.45 1.47 0.00	31.34 1.49 0.00	35.24 1.49 0.00	40.19 1.66 0.00	41.60 1.98 0.00	40.75 2.23 0.00	40.66 2.48 0.00	43.58 2.66 0.00	46.38 2.63 0.00	48.25 2.77 0.00	51.64 2.55 0.00	54.62 2.55 0.00	57.00 2.66 0.00	63.85 2.81 0.00	78.54 3.09 0.00	80.35 3.16 0.00	79.80 2.85 0.00	74.98 1.90 0.00	62.79 1.65 0.00	53.38 1.95 0.00	48.42 2.09 0.00
RAVENSWOOD_GT3_3 24250	40.78 2.05 0.00	36.77 1.88 0.00	34.41 1.64 0.00	31.48 1.50 0.00	31.40 1.55 0.00	35.27 1.52 0.00	40.23 1.70 0.00	41.68 2.06 0.00	40.82 2.31 0.00	40.74 2.56 0.00	43.66 2.74 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.74 2.65 0.00	54.73 2.66 0.00	57.11 2.77 0.00	63.97 2.93 0.00	78.69 3.24 0.00	80.51 3.32 0.00	79.95 3.00 0.00	75.12 2.05 0.00	62.91 1.77 0.00	53.48 2.06 0.00	48.47 2.13 0.00
RAVENSWOOD_GT3_4 24251	40.78 2.05 0.00	36.77 1.88 0.00	34.41 1.64 0.00	31.48 1.50 0.00	31.40 1.55 0.00	35.27 1.52 0.00	40.23 1.70 0.00	41.68 2.06 0.00	40.82 2.31 0.00	40.74 2.56 0.00	43.66 2.74 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.74 2.65 0.00	54.73 2.66 0.00	57.11 2.77 0.00	63.97 2.93 0.00	78.69 3.24 0.00	80.51 3.32 0.00	79.95 3.00 0.00	75.12 2.05 0.00	62.91 1.77 0.00	53.48 2.06 0.00	48.47 2.13 0.00
RAVENSWOOD_GT_1 23729	40.93 2.21 0.00	36.91 2.02 0.00	34.51 1.74 0.00	31.48 1.50 0.00	31.43 1.58 0.00	35.17 1.42 0.00	40.08 1.54 0.00	41.52 1.90 0.00	40.67 2.16 0.00	40.70 2.52 0.00	43.62 2.70 0.00	46.51 2.76 0.00	48.38 2.91 0.00	51.54 2.45 0.00	54.52 2.45 0.00	56.84 2.50 0.00	63.54 2.50 0.00	78.16 2.72 0.00	73.48 2.70 6.41	70.62 2.46 8.80	64.15 1.53 10.46	62.48 1.35 0.00	53.33 1.90 0.00	48.70 2.36 0.00
RAVENSWOOD_GT_10 24258	40.70 1.97 0.00	36.73 1.85 0.00	34.37 1.61 0.00	31.45 1.47 0.00	31.34 1.49 0.00	35.24 1.49 0.00	40.19 1.66 0.00	41.60 1.98 0.00	40.79 2.27 0.00	40.66 2.48 0.00	43.58 2.66 0.00	46.38 2.63 0.00	48.25 2.77 0.00	51.64 2.55 0.00	54.62 2.55 0.00	57.00 2.66 0.00	63.85 2.81 0.00	78.54 3.09 0.00	80.35 3.16 0.00	79.80 2.85 0.00	75.05 1.97 0.00	62.85 1.71 0.00	53.43 2.01 0.00	48.42 2.09 0.00
RAVENSWOOD_GT_11 24259	40.70 1.97 0.00	36.73 1.85 0.00	34.37 1.61 0.00	31.45 1.47 0.00	31.34 1.49 0.00	35.24 1.49 0.00	40.19 1.66 0.00	41.60 1.98 0.00	40.79 2.27 0.00	40.66 2.48 0.00	43.58 2.66 0.00	46.38 2.63 0.00	48.25 2.77 0.00	51.64 2.55 0.00	54.62 2.55 0.00	57.00 2.66 0.00	63.85 2.81 0.00	78.54 3.09 0.00	80.35 3.16 0.00	79.80 2.85 0.00	75.05 1.97 0.00	62.85 1.71 0.00	53.43 2.01 0.00	48.42 2.09 0.00
RAVENSWOOD_GT_4 24252	40.70 1.97 0.00	36.73 1.85 0.00	34.37 1.61 0.00	31.45 1.47 0.00	31.34 1.49 0.00	35.24 1.49 0.00	40.19 1.66 0.00	41.60 1.98 0.00	40.75 2.23 0.00	40.66 2.48 0.00	43.58 2.66 0.00	46.38 2.63 0.00	48.25 2.77 0.00	51.64 2.55 0.00	54.62 2.55 0.00	57.00 2.66 0.00	63.85 2.81 0.00	78.54 3.09 0.00	80.35 3.16 0.00	79.80 2.85 0.00	74.98 1.90 0.00	62.79 1.65 0.00	53.38 1.95 0.00	48.42 2.09 0.00
RAVENSWOOD_GT_5 24254	40.70 1.97 0.00	36.73 1.85 0.00	34.37 1.61 0.00	31.45 1.47 0.00	31.34 1.49 0.00	35.24 1.49 0.00	40.19 1.66 0.00	41.60 1.98 0.00	40.75 2.23 0.00	40.66 2.48 0.00	43.58 2.66 0.00	46.38 2.63 0.00	48.25 2.77 0.00	51.64 2.55 0.00	54.62 2.55 0.00	57.00 2.66 0.00	63.85 2.81 0.00	78.54 3.09 0.00	80.35 3.16 0.00	79.80 2.85 0.00	74.98 1.90 0.00	62.79 1.65 0.00	53.38 1.95 0.00	48.42 2.09 0.00
RAVENSWOOD_GT_6 24253	40.70 1.97 0.00	36.73 1.85 0.00	34.37 1.61 0.00	31.45 1.47 0.00	31.34 1.49 0.00	35.24 1.49 0.00	40.19 1.66 0.00	41.60 1.98 0.00	40.75 2.23 0.00	40.66 2.48 0.00	43.58 2.66 0.00	46.38 2.63 0.00	48.25 2.77 0.00	51.64 2.55 0.00	54.62 2.55 0.00	57.00 2.66 0.00	63.85 2.81 0.00	78.54 3.09 0.00	80.35 3.16 0.00	79.80 2.85 0.00	74.98 1.90 0.00	62.79 1.65 0.00	53.38 1.95 0.00	48.42 2.09 0.00
RAVENSWOOD_GT_7 24255	40.70 1.97 0.00	36.73 1.85 0.00	34.37 1.61 0.00	31.45 1.47 0.00	31.34 1.49 0.00	35.24 1.49 0.00	40.19 1.66 0.00	41.60 1.98 0.00	40.75 2.23 0.00	40.66 2.48 0.00	43.58 2.66 0.00	46.38 2.63 0.00	48.25 2.77 0.00	51.64 2.55 0.00	54.62 2.55 0.00	57.00 2.66 0.00	63.85 2.81 0.00	78.54 3.09 0.00	80.35 3.16 0.00	79.80 2.85 0.00	74.98 1.90 0.00	62.79 1.65 0.00	53.38 1.95 0.00	48.42 2.09 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.70 1.97 0.00	36.73 1.85 0.00	34.37 1.61 0.00	31.45 1.47 0.00	31.34 1.49 0.00	35.24 1.49 0.00	40.19 1.66 0.00	41.60 1.98 0.00	40.79 2.27 0.00	40.66 2.48 0.00	43.58 2.66 0.00	46.38 2.63 0.00	48.25 2.77 0.00	51.64 2.55 0.00	54.62 2.55 0.00	57.00 2.66 0.00	63.85 2.81 0.00	78.54 3.09 0.00	80.35 3.16 0.00	79.80 2.85 0.00	75.05 1.97 0.00	62.85 1.71 0.00	53.43 2.01 0.00	48.42 2.09 0.00
RAVENSWOOD_GT_9 24257	40.70 1.97 0.00	36.73 1.85 0.00	34.37 1.61 0.00	31.45 1.47 0.00	31.34 1.49 0.00	35.24 1.49 0.00	40.19 1.66 0.00	41.60 1.98 0.00	40.79 2.27 0.00	40.66 2.48 0.00	43.58 2.66 0.00	46.38 2.63 0.00	48.25 2.77 0.00	51.64 2.55 0.00	54.62 2.55 0.00	57.00 2.66 0.00	63.85 2.81 0.00	78.54 3.09 0.00	80.35 3.16 0.00	79.80 2.85 0.00	75.05 1.97 0.00	62.85 1.71 0.00	53.43 2.01 0.00	48.42 2.09 0.00

RAVENSWOOD___1 23533	40.90 2.17 -0.01	36.92 2.02 -0.01	34.50 1.74 0.00	31.45 1.47 0.00	31.40 1.55 0.00	35.14 1.38 0.00	40.04 1.50 0.00	41.44 1.82 0.00	40.63 2.12 0.00	40.66 2.48 0.00	43.58 2.66 0.00	46.47 2.71 0.00	48.06 2.59 0.00	51.64 2.55 0.00	54.47 2.40 0.00	56.67 2.33 0.00	63.35 2.32 0.01	78.01 2.57 0.01	73.48 2.70 6.41	70.62 2.46 8.80	64.08 1.46 10.46	62.42 1.29 0.01	53.07 1.65 0.00	48.48 2.13 -0.01
RAVENSWOOD___2 23534	40.82 2.09 -0.01	36.84 1.95 -0.01	34.44 1.67 0.00	31.39 1.41 0.00	31.34 1.49 0.00	35.03 1.28 0.00	39.96 1.43 0.00	41.36 1.74 0.00	40.55 2.04 0.00	40.59 2.41 0.00	43.50 2.58 0.00	46.38 2.62 0.00	47.97 2.50 0.00	51.49 2.40 0.00	54.36 2.29 0.00	56.56 2.23 0.00	62.92 1.89 0.01	77.25 1.81 0.01	72.78 2.00 6.41	69.85 1.69 8.80	63.50 0.88 10.46	61.99 0.86 0.01	52.97 1.54 0.00	48.38 2.04 -0.01
RAVENSWOOD___3 23535	40.70 1.97 0.00	36.73 1.85 0.00	34.37 1.61 0.00	31.45 1.47 0.00	31.34 1.49 0.00	35.24 1.48 0.00	40.19 1.66 0.00	41.60 1.98 0.00	40.75 2.23 0.00	40.66 2.48 0.00	43.58 2.66 0.00	46.38 2.62 0.00	47.97 2.50 0.00	51.69 2.60 0.00	54.62 2.55 0.00	56.94 2.61 0.00	63.79 2.75 0.00	78.47 3.02 0.00	80.43 3.24 0.00	79.95 3.00 0.00	74.97 1.90 0.00	62.79 1.65 0.00	53.27 1.85 0.00	48.24 1.90 0.00
RAVENSWOOD___4 23820	40.90 2.17 -0.01	36.92 2.02 -0.01	34.47 1.70 0.00	31.45 1.47 0.00	31.37 1.52 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.40 1.78 0.00	40.59 2.08 0.00	40.63 2.45 0.00	43.58 2.66 0.00	46.42 2.67 0.00	48.06 2.59 0.00	51.59 2.50 0.00	54.41 2.35 0.00	56.62 2.28 0.00	63.29 2.26 0.01	77.85 2.41 0.01	73.40 2.63 6.41	70.46 2.31 8.80	64.00 1.39 10.46	62.35 1.22 0.01	53.02 1.60 0.00	48.48 2.13 -0.01
RCPL_TRUST___DRP 24196	40.70 1.97 0.00	36.73 1.85 0.00	34.37 1.61 0.00	31.45 1.47 0.00	31.34 1.49 0.00	35.27 1.52 0.00	40.23 1.70 0.00	41.68 2.06 0.00	40.82 2.31 0.00	40.70 2.52 0.00	43.66 2.74 0.00	46.47 2.71 0.00	48.29 2.82 0.00	51.74 2.65 0.00	54.73 2.66 0.00	57.11 2.77 0.00	63.97 2.93 0.00	78.69 3.24 0.00	80.43 3.24 0.00	79.95 3.00 0.00	75.12 2.05 0.00	62.85 1.71 0.00	53.43 2.01 0.00	48.42 2.09 0.00
RED___ROCHESTER 323720	39.11 0.39 0.00	35.20 0.31 0.00	32.93 0.16 0.00	30.07 0.09 0.00	29.93 0.09 0.00	33.52 -0.23 0.00	37.72 -0.81 0.00	38.94 -0.67 0.00	38.17 -0.35 0.00	37.99 -0.19 0.00	41.00 0.08 0.00	44.58 0.83 0.00	46.93 1.45 0.00	50.66 1.57 0.00	54.10 2.03 0.00	56.45 2.12 0.00	62.93 1.89 0.00	78.31 2.87 0.00	81.36 4.17 0.00	81.11 4.15 0.00	76.15 3.07 0.00	62.67 1.53 0.00	53.17 1.75 0.00	47.82 1.48 0.00
REGAN___SOLAR 323812	41.51 2.79 0.00	37.33 2.44 0.00	35.13 2.36 0.00	32.08 2.10 0.00	32.05 2.21 0.00	36.15 2.40 0.00	41.04 2.50 0.00	41.79 2.18 0.00	40.13 1.62 0.00	39.52 1.34 0.00	42.27 1.35 0.00	45.11 1.36 0.00	46.83 1.36 0.00	50.80 1.72 0.00	54.21 2.14 0.00	56.84 2.50 0.00	64.15 3.11 0.00	80.20 4.76 0.00	83.59 6.40 0.00	83.57 6.62 0.00	79.51 6.43 0.00	66.52 5.38 0.00	55.64 4.22 0.00	49.77 3.43 0.00
RENSSELAER___COGEN 23796	39.38 0.66 0.00	35.69 0.80 0.00	33.59 0.82 0.00	30.79 0.81 0.00	30.65 0.81 0.00	34.43 0.67 0.00	39.15 0.61 0.00	40.29 0.67 0.00	39.05 0.54 0.00	38.56 0.38 0.00	41.21 0.29 0.00	43.54 -0.22 0.00	45.02 -0.45 0.00	48.69 -0.39 0.00	51.71 -0.36 0.00	54.01 -0.32 0.00	60.73 -0.30 0.00	74.92 -0.52 0.00	77.04 -0.15 0.00	76.57 -0.38 0.00	72.35 -0.73 0.00	60.96 -0.18 0.00	51.17 -0.26 0.00	46.06 -0.28 0.00
REPUBLIC_115KV_BARTNBRK 55605	42.56 3.83 0.00	38.20 3.31 0.00	36.08 3.31 0.00	32.86 2.88 0.00	32.86 3.01 0.00	37.06 3.31 0.00	42.16 3.62 0.00	43.10 3.49 0.00	41.25 2.73 0.00	40.62 2.44 0.00	43.21 2.29 0.00	46.25 2.49 0.00	47.79 2.32 0.00	51.93 2.85 0.00	55.56 3.49 0.00	58.30 3.97 0.00	65.92 4.88 0.00	82.47 7.02 0.00	86.61 9.42 0.00	86.11 9.16 0.00	82.29 9.21 0.00	69.09 7.95 0.00	57.49 6.07 0.00	51.11 4.77 0.00
REVERE_CPPR_DRP 24186	40.27 1.55 0.00	36.28 1.40 0.00	34.11 1.34 0.00	31.12 1.14 0.00	30.95 1.10 0.00	35.00 1.25 0.00	39.96 1.43 0.00	40.96 1.35 0.00	39.63 1.12 0.00	39.10 0.92 0.00	41.95 1.02 0.00	45.07 1.31 0.00	46.88 1.41 0.00	50.85 1.77 0.00	53.89 1.82 0.00	56.35 2.01 0.00	63.54 2.50 0.00	79.07 3.62 0.00	81.82 4.63 0.00	81.72 4.77 0.00	77.32 4.24 0.00	64.50 3.36 0.00	53.84 2.42 0.00	48.38 2.04 0.00
REYNLDPA_13_KV_LD 356490	39.07 0.35 0.00	35.09 0.21 0.00	32.97 0.20 0.00	30.13 0.15 0.00	29.96 0.12 0.00	34.12 0.37 0.00	39.23 0.69 0.00	40.25 0.63 0.00	38.94 0.42 0.00	38.60 0.42 0.00	41.41 0.49 0.00	44.28 0.53 0.00	46.11 0.64 0.00	49.72 0.64 0.00	52.49 0.42 0.00	54.44 0.11 0.00	61.16 0.12 0.00	75.52 0.08 0.00	76.80 -0.39 0.00	76.88 -0.08 0.00	73.52 0.44 0.00	61.57 0.43 0.00	51.73 0.31 0.00	46.71 0.37 0.00
REYNOLDS_115KV_TB3 80639	39.58 0.85 0.00	35.90 1.01 0.00	33.78 1.02 0.00	30.97 0.99 0.00	30.83 0.98 0.00	34.60 0.84 0.00	39.35 0.81 0.00	40.49 0.87 0.00	39.24 0.73 0.00	38.83 0.65 0.00	41.50 0.57 0.00	43.97 0.22 0.00	45.65 0.18 0.00	49.18 0.10 0.00	52.23 0.16 0.00	54.61 0.27 0.00	61.40 0.37 0.00	75.83 0.38 0.00	77.88 0.69 0.00	77.26 0.31 0.00	73.15 0.07 0.00	61.63 0.49 0.00	51.89 0.46 0.00	46.66 0.32 0.00
RIVERBAY____ 323610	41.59 2.87 0.00	37.54 2.65 0.00	35.06 2.29 0.00	31.93 1.95 0.00	31.87 2.03 0.00	35.57 1.82 0.00	40.54 2.00 0.00	41.87 2.26 0.00	41.05 2.54 0.00	41.04 2.86 0.00	44.03 3.11 0.00	46.99 3.24 0.00	48.84 3.36 0.00	51.98 2.90 0.00	55.09 3.02 0.00	57.49 3.15 0.00	64.40 3.36 0.00	79.37 3.92 0.00	81.20 4.01 0.01	80.72 3.77 0.01	75.92 2.85 0.01	63.58 2.45 0.00	54.20 2.78 0.00	49.53 3.20 0.00
RIVERSDE_115KV_TB3 55908	39.54 0.81 0.00	35.83 0.94 0.00	33.75 0.98 0.00	30.91 0.93 0.00	30.77 0.93 0.00	34.56 0.81 0.00	39.31 0.77 0.00	40.45 0.83 0.00	39.21 0.69 0.00	38.75 0.57 0.00	41.45 0.53 0.00	43.84 0.09 0.00	45.47 0.00 0.00	49.04 -0.05 0.00	52.12 0.05 0.00	54.44 0.11 0.00	61.28 0.24 0.00	75.60 0.15 0.00	77.65 0.46 0.00	77.11 0.15 0.00	73.01 -0.07 0.00	61.44 0.31 0.00	51.73 0.31 0.00	46.52 0.19 0.00
ROARING___BROOK_WT_PWR 323790	38.72 0.00 0.00	34.88 0.00 0.00	32.77 0.00 0.00	29.98 0.00 0.00	29.79 -0.06 0.00	33.72 -0.03 0.00	38.57 0.04 0.00	39.62 0.00 0.00	38.47 -0.04 0.00	38.18 0.00 0.00	40.92 0.00 0.00	43.75 0.00 0.00	45.43 -0.05 0.00	48.99 -0.10 0.00	51.91 -0.16 0.00	54.07 -0.27 0.00	60.73 -0.30 0.00	75.07 -0.38 0.00	76.65 -0.54 0.00	76.49 -0.46 0.00	72.57 -0.51 0.00	60.53 -0.61 0.00	50.71 -0.72 0.00	45.55 -0.79 0.00

ROCHESRG_115KV_T4 355643	38.72 0.00 0.00	34.92 0.03 0.00	32.64 -0.13 0.00	29.83 -0.15 0.00	29.70 -0.15 0.00	33.25 -0.51 0.00	37.42 -1.12 0.00	38.55 -1.07 0.00	37.82 -0.69 0.00	37.65 -0.53 0.00	40.51 -0.41 0.00	44.06 0.31 0.00	45.74 0.27 0.00	49.82 0.74 0.00	53.22 1.15 0.00	55.53 1.20 0.00	61.83 0.79 0.00	76.66 1.21 0.00	79.58 2.39 0.00	79.57 2.62 0.00	74.91 1.83 0.00	61.69 0.55 0.00	51.94 0.51 0.00	46.75 0.42 0.00
ROCHESTER_9_IC 23652	38.92 0.19 0.00	35.06 0.17 0.00	32.80 0.03 0.00	29.92 -0.06 0.00	29.82 -0.03 0.00	33.35 -0.41 0.00	37.57 -0.96 0.00	38.70 -0.91 0.00	37.97 -0.54 0.00	37.80 -0.38 0.00	40.76 -0.16 0.00	44.28 0.53 0.00	46.02 0.55 0.00	50.17 1.08 0.00	53.58 1.51 0.00	55.91 1.58 0.00	62.20 1.16 0.00	77.18 1.74 0.00	80.12 2.93 0.00	80.18 3.23 0.00	75.42 2.34 0.00	62.12 0.98 0.00	52.25 0.82 0.00	47.03 0.70 0.00
ROCKVIEW_13_KV_LD 356306	40.70 1.97 0.00	36.73 1.85 0.00	34.37 1.61 0.00	31.45 1.47 0.00	31.34 1.49 0.00	35.27 1.52 0.00	40.19 1.66 0.00	41.64 2.02 0.00	40.75 2.23 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.33 2.58 0.00	48.15 2.68 0.00	51.64 2.55 0.00	54.73 2.66 0.00	57.11 2.77 0.00	64.09 3.05 0.00	78.84 3.40 0.00	80.74 3.55 0.00	80.18 3.23 0.00	75.42 2.34 0.00	63.09 1.96 0.00	53.48 2.06 0.00	48.38 2.04 0.00
ROME____115KV_TB2 80656	40.27 1.55 0.00	36.28 1.40 0.00	34.11 1.34 0.00	31.12 1.14 0.00	30.95 1.10 0.00	35.00 1.25 0.00	39.96 1.43 0.00	40.96 1.35 0.00	39.63 1.12 0.00	39.10 0.92 0.00	41.95 1.02 0.00	45.07 1.31 0.00	46.88 1.41 0.00	50.85 1.77 0.00	53.89 1.82 0.00	56.35 2.01 0.00	63.54 2.50 0.00	79.07 3.62 0.00	81.82 4.63 0.00	81.72 4.77 0.00	77.32 4.24 0.00	64.50 3.36 0.00	53.84 2.42 0.00	48.38 2.04 0.00
ROSETON___1 23587	40.08 1.35 0.00	36.21 1.33 0.00	33.95 1.18 0.00	31.09 1.11 0.00	30.98 1.13 0.00	34.83 1.08 0.00	39.65 1.12 0.00	40.92 1.31 0.00	39.98 1.46 0.00	39.75 1.57 0.00	42.60 1.68 0.00	45.28 1.53 0.00	46.93 1.45 0.00	50.61 1.52 0.00	53.58 1.51 0.00	55.85 1.52 0.00	62.74 1.71 0.00	77.34 1.89 0.00	79.35 2.16 0.00	78.88 1.92 0.00	74.18 1.10 0.00	62.24 1.10 0.00	52.56 1.13 0.00	47.45 1.11 0.00
ROSETON___2 23588	40.08 1.35 0.00	36.21 1.33 0.00	33.95 1.18 0.00	31.09 1.11 0.00	30.98 1.13 0.00	34.83 1.08 0.00	39.65 1.12 0.00	40.92 1.31 0.00	39.98 1.46 0.00	39.75 1.57 0.00	42.60 1.68 0.00	45.28 1.53 0.00	46.93 1.45 0.00	50.61 1.52 0.00	53.58 1.51 0.00	55.85 1.52 0.00	62.74 1.71 0.00	77.34 1.89 0.00	79.35 2.16 0.00	78.88 1.92 0.00	74.18 1.10 0.00	62.24 1.10 0.00	52.56 1.13 0.00	47.45 1.11 0.00
ROTRRDAM_115KV_TB3 80664	39.73 1.01 0.00	35.83 0.94 0.00	33.72 0.95 0.00	30.85 0.87 0.00	30.74 0.90 0.00	34.60 0.84 0.00	39.38 0.85 0.00	40.45 0.83 0.00	39.21 0.69 0.00	38.83 0.65 0.00	41.54 0.61 0.00	44.32 0.57 0.00	46.06 0.59 0.00	49.67 0.59 0.00	52.80 0.73 0.00	55.20 0.87 0.00	62.08 1.04 0.00	76.81 1.36 0.00	79.04 1.85 0.00	78.72 1.77 0.00	74.61 1.53 0.00	62.61 1.47 0.00	52.66 1.23 0.00	47.36 1.02 0.00
RUSSELL___1 23602	39.11 0.39 0.00	35.20 0.31 0.00	32.93 0.16 0.00	30.07 0.09 0.00	29.93 0.09 0.00	33.52 -0.24 0.00	37.73 -0.81 0.00	38.86 -0.75 0.00	38.17 -0.35 0.00	37.99 -0.19 0.00	41.00 0.08 0.00	44.58 0.83 0.00	46.34 0.86 0.00	50.51 1.42 0.00	54.00 1.93 0.00	56.35 2.01 0.00	62.75 1.71 0.00	77.79 2.34 0.00	80.82 3.63 0.00	80.88 3.92 0.00	76.07 3.00 0.00	62.67 1.53 0.00	52.66 1.23 0.00	47.36 1.02 0.00
RUSSELL___2 23532	39.11 0.39 0.00	35.20 0.31 0.00	32.93 0.16 0.00	30.07 0.09 0.00	29.93 0.09 0.00	33.52 -0.24 0.00	37.73 -0.81 0.00	38.86 -0.75 0.00	38.17 -0.35 0.00	37.99 -0.19 0.00	41.00 0.08 0.00	44.58 0.83 0.00	46.34 0.86 0.00	50.51 1.42 0.00	54.00 1.93 0.00	56.35 2.01 0.00	62.75 1.71 0.00	77.79 2.34 0.00	80.82 3.63 0.00	80.88 3.92 0.00	76.07 3.00 0.00	62.67 1.53 0.00	52.66 1.23 0.00	47.36 1.02 0.00
RUSSELL___3 23549	39.11 0.39 0.00	35.20 0.31 0.00	32.93 0.16 0.00	30.07 0.09 0.00	29.93 0.09 0.00	33.52 -0.24 0.00	37.73 -0.81 0.00	38.86 -0.75 0.00	38.17 -0.35 0.00	37.99 -0.19 0.00	41.00 0.08 0.00	44.58 0.83 0.00	46.34 0.86 0.00	50.51 1.42 0.00	54.00 1.93 0.00	56.35 2.01 0.00	62.75 1.71 0.00	77.79 2.34 0.00	80.82 3.63 0.00	80.88 3.92 0.00	76.07 3.00 0.00	62.67 1.53 0.00	52.66 1.23 0.00	47.36 1.02 0.00
RUSSELL___4 23556	39.11 0.39 0.00	35.20 0.31 0.00	32.93 0.16 0.00	30.07 0.09 0.00	29.93 0.09 0.00	33.52 -0.24 0.00	37.73 -0.81 0.00	38.86 -0.75 0.00	38.17 -0.35 0.00	37.99 -0.19 0.00	41.00 0.08 0.00	44.58 0.83 0.00	46.34 0.86 0.00	50.51 1.42 0.00	54.00 1.93 0.00	56.35 2.01 0.00	62.75 1.71 0.00	77.79 2.34 0.00	80.82 3.63 0.00	80.88 3.92 0.00	76.07 3.00 0.00	62.67 1.53 0.00	52.66 1.23 0.00	47.36 1.02 0.00
RUSSELL___STATION 23914	39.11 0.39 0.00	35.20 0.31 0.00	32.93 0.16 0.00	30.07 0.09 0.00	29.93 0.09 0.00	33.52 -0.24 0.00	37.73 -0.81 0.00	38.86 -0.75 0.00	38.17 -0.35 0.00	37.99 -0.19 0.00	41.00 0.08 0.00	44.58 0.83 0.00	46.34 0.86 0.00	50.51 1.42 0.00	54.00 1.93 0.00	56.35 2.01 0.00	62.75 1.71 0.00	77.79 2.34 0.00	80.82 3.63 0.00	80.88 3.92 0.00	76.07 3.00 0.00	62.67 1.53 0.00	52.66 1.23 0.00	47.36 1.02 0.00
S SALMON___HYD 24043	38.88 0.16 0.00	35.02 0.14 0.00	32.87 0.10 0.00	30.04 0.06 0.00	29.90 0.06 0.00	33.79 0.03 0.00	38.46 -0.08 0.00	39.34 -0.28 0.00	38.17 -0.35 0.00	37.76 -0.42 0.00	40.51 -0.41 0.00	43.45 -0.30 0.00	45.25 -0.23 0.00	48.94 -0.15 0.00	52.02 -0.05 0.00	54.34 0.00 0.00	61.04 0.00 0.00	75.75 0.30 0.00	78.27 1.08 0.00	78.18 1.23 0.00	74.03 0.95 0.00	61.75 0.61 0.00	51.89 0.46 0.00	46.71 0.37 0.00
S.PERRY__115KV_TB1 80734	40.23 1.51 0.00	36.18 1.29 0.00	33.82 1.05 0.00	30.88 0.90 0.00	30.77 0.93 0.00	34.43 0.68 0.00	38.57 0.04 0.00	39.34 -0.28 0.00	38.36 -0.15 0.00	38.03 -0.15 0.00	40.84 -0.08 0.00	44.58 0.83 0.00	46.24 0.77 0.00	50.56 1.47 0.00	52.28 0.21 0.00	54.72 0.38 0.00	60.92 -0.12 0.00	76.13 0.68 0.00	80.12 2.93 0.00	80.88 3.92 0.00	76.44 3.36 0.00	62.67 1.53 0.00	52.56 1.13 0.00	48.65 2.32 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	38.61 -0.12 0.00	34.92 0.03 0.00	32.44 -0.33 0.00	29.62 -0.36 0.00	29.58 -0.27 0.00	32.84 -0.91 0.00	36.26 -2.27 0.00	37.08 -2.54 0.00	37.01 -1.50 0.00	36.88 -1.30 0.00	39.49 -1.43 0.00	43.62 -0.13 0.00	45.06 -0.41 0.00	49.48 0.39 0.00	52.90 0.83 0.00	55.31 0.98 0.00	60.73 -0.31 0.00	75.15 -0.30 0.00	78.81 1.62 0.00	78.72 1.77 0.00	73.44 0.37 0.00	59.92 -1.22 0.00	50.86 -0.57 0.00	45.97 -0.37 0.00

SAWYER___23_KV_LOAD 55526	38.61 -0.12 0.00	34.92 0.03 0.00	32.44 -0.33 0.00	29.62 -0.36 0.00	29.58 -0.27 0.00	32.84 -0.91 0.00	36.26 -2.27 0.00	37.08 -2.54 0.00	37.01 -1.50 0.00	36.88 -1.30 0.00	39.49 -1.43 0.00	43.62 -0.13 0.00	45.06 -0.41 0.00	49.48 0.39 0.00	52.90 0.83 0.00	55.31 0.98 0.00	60.73 -0.31 0.00	75.15 -0.30 0.00	78.81 1.62 0.00	78.72 1.77 0.00	73.44 0.37 0.00	59.92 -1.22 0.00	50.86 -0.57 0.00	45.97 -0.37 0.00
SELKIRK___I 23801	39.62 0.89 0.00	35.83 0.94 0.00	33.75 0.98 0.00	30.91 0.93 0.00	30.77 0.93 0.00	34.60 0.84 0.00	39.27 0.73 0.00	40.33 0.71 0.00	39.09 0.58 0.00	38.48 0.30 0.00	40.39 -0.53 0.00	42.49 -0.92 0.34	43.61 -1.09 0.77	46.20 -1.13 1.76	48.34 -1.15 2.59	49.97 -1.14 3.22	54.76 -1.22 5.06	73.84 -1.59 0.02	75.95 -1.24 0.00	75.57 -1.38 0.00	71.62 -1.46 0.00	60.28 -0.86 0.00	50.66 -0.77 0.00	45.58 -0.74 0.02
SELKIRK___II 23799	39.42 0.70 0.00	35.65 0.77 0.00	33.55 0.79 0.00	30.76 0.78 0.00	30.62 0.77 0.00	34.43 0.67 0.00	39.11 0.58 0.00	40.25 0.63 0.00	39.05 0.54 0.00	38.37 0.19 0.00	40.96 0.04 0.00	42.18 -0.35 1.22	42.18 -0.50 2.79	42.18 -0.54 6.37	42.18 -0.52 9.37	42.18 -0.49 11.67	42.18 -0.55 18.31	74.56 -0.83 0.06	76.65 -0.54 0.00	76.18 -0.77 0.00	72.05 -1.02 0.00	60.65 -0.49 0.00	50.96 -0.46 0.00	45.86 -0.42 0.06
SENECA OSWGO___HYD 24041	38.18 -0.54 0.00	34.40 -0.49 0.00	32.28 -0.49 0.00	29.53 -0.45 0.00	29.43 -0.42 0.00	33.18 -0.57 0.00	37.69 -0.85 0.00	38.66 -0.95 0.00	37.67 -0.85 0.00	37.34 -0.84 0.00	40.06 -0.86 0.00	43.01 -0.74 0.00	44.79 -0.68 0.00	48.40 -0.69 0.00	51.50 -0.57 0.00	53.74 -0.60 0.00	60.43 -0.61 0.00	74.77 -0.68 0.00	77.11 -0.08 0.00	76.80 -0.15 0.00	72.64 -0.44 0.00	60.53 -0.61 0.00	50.96 -0.46 0.00	45.87 -0.46 0.00
SENECA___115KV_TB3 355854	39.00 0.27 0.00	35.20 0.31 0.00	32.70 -0.07 0.00	29.86 -0.12 0.00	29.85 0.00 0.00	33.14 -0.61 0.00	36.65 -1.89 0.00	37.40 -2.22 0.00	37.32 -1.19 0.00	37.26 -0.92 0.00	39.86 -1.06 0.00	44.02 0.26 0.00	45.56 0.09 0.00	50.07 0.98 0.00	53.48 1.41 0.00	55.97 1.63 0.00	61.47 0.43 0.00	76.13 0.68 0.00	79.89 2.70 0.00	79.80 2.85 0.00	74.39 1.32 0.00	60.71 -0.43 0.00	51.37 -0.05 0.00	46.52 0.19 0.00
SENECA___ENERGY 23797	38.84 0.12 0.00	34.95 0.07 0.00	32.74 -0.03 0.00	29.92 -0.06 0.00	29.85 0.00 0.00	33.58 -0.17 0.00	38.03 -0.50 0.00	39.06 -0.55 0.00	38.13 -0.39 0.00	37.80 -0.38 0.00	40.68 -0.24 0.00	43.88 0.13 0.00	45.88 0.41 0.00	49.53 0.44 0.00	52.70 0.63 0.00	55.04 0.70 0.00	61.77 0.74 0.00	76.65 1.20 0.00	79.66 2.47 0.00	79.34 2.39 0.00	74.83 1.75 0.00	61.93 0.79 0.00	52.15 0.72 0.00	46.99 0.65 0.00
SHOEMAKER___GT 23640	39.96 1.24 0.00	36.10 1.22 0.00	33.85 1.08 0.00	30.97 0.99 0.00	30.86 1.02 0.00	34.70 0.94 0.00	39.50 0.96 0.00	40.69 1.07 0.00	39.71 1.20 0.00	39.44 1.26 0.00	42.23 1.31 0.00	45.02 1.27 0.00	46.70 1.23 0.00	50.41 1.33 0.00	53.42 1.35 0.00	55.80 1.47 0.00	62.74 1.71 0.00	77.49 2.04 0.00	79.59 2.40 0.00	79.19 2.23 0.00	74.46 1.39 0.00	62.42 1.29 0.00	52.66 1.23 0.00	47.45 1.11 0.00
SHOEMAKR_138KV_BK 111 55601	39.96 1.24 0.00	36.07 1.19 0.00	33.82 1.05 0.00	30.94 0.96 0.00	30.83 0.98 0.00	34.70 0.95 0.00	39.46 0.92 0.00	40.73 1.11 0.00	39.71 1.19 0.00	39.48 1.30 0.00	42.27 1.35 0.00	45.07 1.31 0.00	46.88 1.41 0.00	50.41 1.33 0.00	53.42 1.35 0.00	55.80 1.47 0.00	62.75 1.71 0.00	77.49 2.04 0.00	79.43 2.24 0.00	78.95 2.00 0.00	74.39 1.32 0.00	62.36 1.22 0.00	52.71 1.29 0.00	47.54 1.20 0.00
SHOREHAM_IC_1 23715	40.97 2.25 0.00	36.80 1.92 0.00	34.34 1.57 0.00	31.48 1.50 0.00	31.28 1.43 0.00	35.03 1.28 0.00	39.85 1.31 0.00	41.48 1.86 0.00	40.90 2.39 0.00	41.01 2.83 0.00	44.04 3.11 -0.01	45.94 2.19 0.00	46.56 1.09 0.00	49.84 0.93 0.17	52.45 0.78 0.40	55.04 1.14 0.44	62.38 1.65 0.31	77.42 2.49 0.52	79.96 2.77 0.00	78.47 1.62 0.10	68.23 0.07 4.92	61.50 0.37 0.01	50.03 0.21 1.60	46.80 0.46 0.00
SHOREHAM_IC_2 23716	40.97 2.25 0.00	36.80 1.92 0.00	34.34 1.57 0.00	31.48 1.50 0.00	31.28 1.43 0.00	35.03 1.28 0.00	39.85 1.31 0.00	41.56 1.94 0.00	40.90 2.39 0.00	41.01 2.83 0.00	44.03 3.11 0.00	46.47 2.71 0.00	47.88 2.41 0.00	49.80 0.88 0.17	52.51 0.83 0.40	55.15 1.25 0.44	62.56 1.83 0.30	77.50 2.57 0.52	79.89 2.70 0.00	78.31 1.46 0.10	68.23 0.07 4.92	61.50 0.37 0.01	50.18 0.36 1.60	47.77 1.44 0.00
SISSONVILLE____ 23735	39.42 0.70 0.00	35.41 0.52 0.00	33.26 0.49 0.00	30.40 0.42 0.00	30.20 0.36 0.00	34.46 0.71 0.00	39.65 1.12 0.00	40.69 1.07 0.00	39.24 0.73 0.00	38.83 0.65 0.00	41.66 0.74 0.00	44.58 0.83 0.00	46.43 0.95 0.00	50.12 1.03 0.00	52.85 0.78 0.00	54.55 0.22 0.00	60.98 -0.06 0.00	75.37 -0.08 0.00	76.96 -0.23 0.00	77.26 0.31 0.00	73.88 0.80 0.00	62.30 1.16 0.00	52.35 0.93 0.00	47.22 0.88 0.00
SITHE_IND_GS1 24169	37.68 -1.04 0.00	33.94 -0.94 0.00	31.85 -0.92 0.00	29.14 -0.84 0.00	29.04 -0.80 0.00	32.74 -1.01 0.00	37.23 -1.31 0.00	38.27 -1.35 0.00	37.24 -1.27 0.00	36.92 -1.26 0.00	39.61 -1.31 0.00	42.48 -1.27 0.00	44.25 -1.23 0.00	47.81 -1.28 0.00	50.77 -1.30 0.00	53.03 -1.30 0.00	59.51 -1.52 0.00	73.64 -1.81 0.00	75.72 -1.47 0.00	75.49 -1.46 0.00	71.40 -1.68 0.00	59.55 -1.59 0.00	50.19 -1.23 0.00	45.18 -1.16 0.00
SITHE_IND_GS2 24170	37.68 -1.04 0.00	33.94 -0.94 0.00	31.85 -0.92 0.00	29.14 -0.84 0.00	29.04 -0.80 0.00	32.74 -1.01 0.00	37.23 -1.31 0.00	38.27 -1.35 0.00	37.24 -1.27 0.00	36.92 -1.26 0.00	39.61 -1.31 0.00	42.48 -1.27 0.00	44.25 -1.23 0.00	47.81 -1.28 0.00	50.77 -1.30 0.00	53.03 -1.30 0.00	59.51 -1.52 0.00	73.64 -1.81 0.00	75.72 -1.47 0.00	75.49 -1.46 0.00	71.40 -1.68 0.00	59.55 -1.59 0.00	50.19 -1.23 0.00	45.18 -1.16 0.00
SITHE_IND_GS3 24171	37.68 -1.04 0.00	33.94 -0.94 0.00	31.85 -0.92 0.00	29.14 -0.84 0.00	29.04 -0.80 0.00	32.74 -1.01 0.00	37.23 -1.31 0.00	38.27 -1.35 0.00	37.24 -1.27 0.00	36.92 -1.26 0.00	39.61 -1.31 0.00	42.48 -1.27 0.00	44.25 -1.23 0.00	47.81 -1.28 0.00	50.77 -1.30 0.00	53.03 -1.30 0.00	59.51 -1.52 0.00	73.64 -1.81 0.00	75.72 -1.47 0.00	75.49 -1.46 0.00	71.40 -1.68 0.00	59.55 -1.59 0.00	50.19 -1.23 0.00	45.18 -1.16 0.00
SITHE_IND_GS4 24172	37.68 -1.04 0.00	33.94 -0.94 0.00	31.85 -0.92 0.00	29.14 -0.84 0.00	29.04 -0.80 0.00	32.74 -1.01 0.00	37.23 -1.31 0.00	38.27 -1.35 0.00	37.24 -1.27 0.00	36.92 -1.26 0.00	39.61 -1.31 0.00	42.48 -1.27 0.00	44.25 -1.23 0.00	47.81 -1.28 0.00	50.77 -1.30 0.00	53.03 -1.30 0.00	59.51 -1.52 0.00	73.64 -1.81 0.00	75.72 -1.47 0.00	75.49 -1.46 0.00	71.40 -1.68 0.00	59.55 -1.59 0.00	50.19 -1.23 0.00	45.18 -1.16 0.00

SITHE___BATAVIA 24024	39.57 0.85 0.00	35.72 0.84 0.00	33.29 0.52 0.00	30.19 0.21 0.00	30.08 0.24 0.00	33.72 -0.03 0.00	37.42 -1.12 0.00	38.43 -1.19 0.00	37.86 -0.65 0.00	37.76 -0.42 0.00	40.59 -0.33 0.00	44.63 0.87 0.00	47.24 1.77 0.00	50.85 1.76 0.00	54.42 2.35 0.00	56.78 2.45 0.00	62.81 1.77 0.00	78.39 2.94 0.00	82.28 5.09 0.00	82.19 5.24 0.00	76.66 3.58 0.00	62.60 1.46 0.00	53.64 2.21 0.00	48.28 1.95 0.00
SITHE___INDEPEND 23800	37.68 -1.05 0.00	33.94 -0.94 0.00	31.85 -0.92 0.00	29.14 -0.84 0.00	29.04 -0.81 0.00	32.74 -1.01 0.00	37.23 -1.31 0.00	38.23 -1.39 0.00	37.24 -1.27 0.00	36.92 -1.26 0.00	39.61 -1.31 0.00	42.48 -1.27 0.00	44.15 -1.32 0.00	47.76 -1.33 0.00	50.77 -1.30 0.00	52.98 -1.36 0.00	59.51 -1.53 0.00	73.56 -1.89 0.00	75.57 -1.62 0.00	75.41 -1.54 0.00	71.40 -1.68 0.00	59.55 -1.59 0.00	50.09 -1.34 0.00	45.13 -1.20 0.00
SITHE___MASSENA 23902	39.11 0.39 0.00	35.13 0.25 0.00	33.00 0.23 0.00	30.16 0.18 0.00	30.00 0.15 0.00	34.19 0.44 0.00	39.31 0.77 0.00	40.37 0.75 0.00	39.01 0.50 0.00	38.68 0.50 0.00	41.50 0.57 0.00	44.41 0.66 0.00	46.15 0.68 0.00	49.68 0.59 0.00	52.48 0.41 0.00	54.50 0.16 0.00	61.22 0.18 0.00	75.52 0.08 0.00	76.65 -0.54 0.00	76.88 -0.08 0.00	73.66 0.58 0.00	61.81 0.67 0.00	51.94 0.51 0.00	46.85 0.51 0.00
SITHE___OGDNSBRG 24021	39.81 1.08 0.00	35.72 0.84 0.00	33.59 0.82 0.00	30.67 0.69 0.00	30.44 0.60 0.00	34.76 1.01 0.00	40.00 1.46 0.00	40.96 1.35 0.00	39.40 0.89 0.00	38.94 0.76 0.00	41.74 0.82 0.00	44.63 0.88 0.00	46.52 1.05 0.00	50.21 1.13 0.00	52.96 0.89 0.00	54.77 0.43 0.00	61.47 0.43 0.00	76.13 0.68 0.00	77.96 0.77 0.00	78.57 1.62 0.00	75.27 2.19 0.00	63.28 2.14 0.00	53.07 1.65 0.00	47.82 1.48 0.00
SITHE___STERLING 23777	39.93 1.20 0.00	35.97 1.08 0.00	33.79 1.02 0.00	30.85 0.87 0.00	30.68 0.83 0.00	34.70 0.94 0.00	39.54 1.00 0.00	40.57 0.95 0.00	39.32 0.81 0.00	38.83 0.65 0.00	41.66 0.74 0.00	44.76 1.01 0.00	46.56 1.09 0.00	50.46 1.37 0.00	53.53 1.46 0.00	55.91 1.58 0.00	63.05 2.01 0.00	78.31 2.87 0.00	80.97 3.78 0.00	80.72 3.77 0.00	76.44 3.36 0.00	63.77 2.63 0.00	53.38 1.95 0.00	47.96 1.62 0.00
SLEIGHT__34_KV_TB1 80719	38.57 -0.15 0.00	34.71 -0.17 0.00	32.51 -0.26 0.00	29.71 -0.27 0.00	29.58 -0.27 0.00	33.25 -0.51 0.00	37.57 -0.96 0.00	38.70 -0.91 0.00	37.82 -0.69 0.00	37.61 -0.57 0.00	40.51 -0.41 0.00	43.84 0.09 0.00	45.56 0.09 0.00	49.58 0.49 0.00	52.90 0.83 0.00	55.26 0.92 0.00	61.77 0.73 0.00	76.58 1.13 0.00	79.43 2.24 0.00	79.42 2.46 0.00	74.83 1.75 0.00	61.81 0.67 0.00	51.89 0.46 0.00	46.62 0.28 0.00
SMITHTWN_69_KV_BK 1 55830	41.47 2.75 0.00	37.22 2.34 0.00	34.74 1.97 0.00	31.81 1.83 0.00	31.61 1.76 0.00	35.47 1.72 0.00	40.35 1.81 0.00	42.03 2.42 0.00	41.40 2.89 0.00	41.50 3.32 0.00	44.56 3.64 0.00	47.03 3.28 0.00	48.65 3.18 0.00	50.58 1.82 0.32	53.09 1.77 0.75	55.72 2.23 0.84	63.26 2.81 0.59	77.55 3.09 0.99	80.43 3.24 0.00	78.83 2.08 0.20	68.91 0.73 4.90	62.23 1.10 0.01	50.86 1.03 1.60	48.33 1.99 0.00
SOUTH CAIRO___GT 23612	40.54 1.82 0.00	36.66 1.78 0.00	34.51 1.74 0.00	31.60 1.62 0.00	31.46 1.61 0.00	35.37 1.62 0.00	40.08 1.54 0.00	41.00 1.39 0.00	39.48 0.96 0.00	38.64 0.46 0.00	41.05 0.12 0.00	43.50 0.18 0.43	44.67 0.18 0.98	47.19 0.34 2.24	49.45 0.68 3.30	51.10 0.87 4.10	56.06 1.46 6.44	77.61 2.19 0.02	79.89 2.70 0.00	79.57 2.62 0.00	75.34 2.27 0.00	63.46 2.32 0.00	53.17 1.75 0.00	47.80 1.48 0.02
SOUTH HAMPTN___IC 23720	41.71 2.98 0.00	37.43 2.55 0.00	34.96 2.20 0.00	32.02 2.04 0.00	31.81 1.97 0.00	35.67 1.92 0.00	40.50 1.96 0.00	42.19 2.57 0.00	41.75 3.24 0.00	41.88 3.70 0.00	45.06 4.13 -0.01	47.04 3.28 0.00	47.79 2.32 0.00	51.19 2.26 0.16	53.89 2.19 0.36	56.49 2.55 0.40	63.99 3.23 0.28	79.28 4.30 0.47	81.74 4.55 0.00	80.09 3.23 0.09	69.47 1.32 4.93	62.54 1.41 0.01	50.79 0.97 1.61	47.50 1.16 0.00
SOUTHDOW_115KV_TB1 355954	39.81 1.08 0.00	35.86 0.98 0.00	33.13 0.36 0.00	30.19 0.21 0.00	30.23 0.39 0.00	33.62 -0.14 0.00	37.34 -1.19 0.00	38.43 -1.19 0.00	38.36 -0.15 0.00	38.60 0.42 0.00	41.37 0.45 0.00	45.59 1.84 0.00	47.38 1.91 0.00	52.28 3.19 0.00	55.45 3.38 0.00	58.14 3.80 0.00	63.97 2.93 0.00	78.47 3.02 0.00	82.44 5.25 0.00	82.19 5.23 0.00	76.59 3.51 0.00	62.61 1.47 0.00	52.87 1.44 0.00	47.73 1.39 0.00
SOUTHOLD_69_KV_BK 2 55809	42.48 3.76 0.00	38.16 3.28 0.00	35.65 2.88 0.00	32.65 2.67 0.00	32.44 2.60 0.00	36.35 2.60 0.00	41.23 2.70 0.00	43.10 3.49 0.00	42.63 4.12 0.00	42.80 4.62 0.00	46.08 5.16 0.00	48.74 4.99 0.00	50.34 4.87 0.00	52.42 3.49 0.16	55.25 3.54 0.36	57.96 4.02 0.40	65.64 4.88 0.28	81.16 6.19 0.47	83.36 6.18 0.00	81.48 4.62 0.09	70.56 2.41 4.93	63.33 2.20 0.01	51.46 1.65 1.61	49.07 2.73 0.00
SOUTHOLD___IC 23719	42.48 3.76 0.00	38.16 3.28 0.00	35.65 2.88 0.00	32.65 2.67 0.00	32.44 2.60 0.00	36.35 2.60 0.00	41.23 2.70 0.00	42.98 3.37 0.00	42.64 4.12 0.00	42.80 4.62 0.00	46.09 5.16 -0.01	48.17 4.42 0.00	49.02 3.55 0.00	52.47 3.54 0.16	55.19 3.49 0.36	57.85 3.91 0.40	65.46 4.70 0.28	81.16 6.19 0.47	83.52 6.33 0.00	81.55 4.69 0.09	70.56 2.41 4.93	63.33 2.20 0.01	51.31 1.49 1.61	48.10 1.76 0.00
SOUTH_FORK_WT_PWR 323839	42.56 3.83 0.00	38.27 3.38 0.00	35.75 2.98 0.00	32.77 2.79 0.00	32.53 2.69 0.00	36.48 2.73 0.00	41.35 2.81 0.00	43.14 3.52 0.00	42.79 4.27 0.00	42.95 4.77 0.00	46.25 5.32 -0.01	48.35 4.59 0.00	49.15 3.68 0.00	52.56 3.63 0.16	55.25 3.54 0.36	57.79 3.86 0.40	65.34 4.58 0.28	81.01 6.04 0.47	83.13 5.94 0.00	81.17 4.31 0.09	70.05 1.90 4.93	62.84 1.71 0.01	50.90 1.08 1.61	47.86 1.53 0.00
SPIERFLS_115KV_TB 1 80737	40.43 1.70 0.00	36.38 1.50 0.00	34.31 1.54 0.00	31.33 1.35 0.00	31.25 1.40 0.00	35.20 1.45 0.00	40.12 1.58 0.00	41.16 1.55 0.00	39.67 1.16 0.00	39.17 0.99 0.00	41.54 0.61 0.00	44.37 0.61 0.00	45.88 0.41 0.00	49.58 0.49 0.00	52.85 0.78 0.00	55.42 1.09 0.00	62.56 1.53 0.00	77.79 2.34 0.00	81.20 4.01 0.00	80.65 3.69 0.00	76.88 3.80 0.00	64.50 3.36 0.00	54.00 2.57 0.00	48.28 1.95 0.00
ST LAWRENCE____ 23600	38.61 -0.12 0.00	34.71 -0.17 0.00	32.61 -0.16 0.00	29.80 -0.18 0.00	29.61 -0.24 0.00	33.75 0.00 0.00	38.81 0.27 0.00	39.86 0.24 0.00	38.59 0.08 0.00	38.22 0.04 0.00	40.96 0.04 0.00	43.84 0.09 0.00	45.56 0.09 0.00	49.04 -0.05 0.00	51.86 -0.21 0.00	53.96 -0.38 0.00	60.61 -0.42 0.00	74.92 -0.52 0.00	75.95 -1.24 0.00	76.03 -0.92 0.00	72.79 -0.29 0.00	60.96 -0.18 0.00	51.17 -0.26 0.00	46.20 -0.14 0.00

STATE_CA_115KV_115_LB 55624	39.61 0.89 0.00	35.86 0.98 0.00	33.78 1.02 0.00	30.97 0.99 0.00	30.80 0.96 0.00	34.63 0.88 0.00	39.35 0.81 0.00	40.53 0.91 0.00	39.28 0.77 0.00	38.83 0.65 0.00	41.50 0.57 0.00	43.88 0.13 0.00	45.52 0.05 0.00	49.09 0.00 0.00	52.17 0.10 0.00	54.55 0.22 0.00	61.40 0.37 0.00	75.83 0.38 0.00	77.88 0.69 0.00	77.34 0.38 0.00	73.22 0.15 0.00	61.63 0.49 0.00	51.84 0.41 0.00	46.57 0.23 0.00
STATE_ST_34_KV_LOAD 55959	38.92 0.19 0.00	35.02 0.14 0.00	32.83 0.07 0.00	30.01 0.03 0.00	29.90 0.06 0.00	33.68 -0.07 0.00	38.23 -0.31 0.00	39.26 -0.36 0.00	38.28 -0.23 0.00	37.91 -0.27 0.00	40.76 -0.16 0.00	43.88 0.13 0.00	45.56 0.09 0.00	49.43 0.34 0.00	52.64 0.57 0.00	54.99 0.65 0.00	61.77 0.73 0.00	76.58 1.13 0.00	79.27 2.08 0.00	79.18 2.23 0.00	74.91 1.83 0.00	62.18 1.04 0.00	52.09 0.67 0.00	46.85 0.51 0.00
STATION_5_MISC_HYD 23604	38.92 0.19 0.00	35.02 0.14 0.00	32.77 0.00 0.00	29.95 -0.03 0.00	29.82 -0.03 0.00	33.35 -0.40 0.00	37.57 -0.96 0.00	38.74 -0.87 0.00	37.97 -0.54 0.00	37.80 -0.38 0.00	40.76 -0.16 0.00	44.32 0.57 0.00	46.61 1.14 0.00	50.26 1.18 0.00	53.69 1.62 0.00	56.02 1.69 0.00	62.38 1.34 0.00	77.56 2.11 0.00	80.67 3.48 0.00	80.42 3.47 0.00	75.49 2.41 0.00	62.11 0.98 0.00	52.76 1.33 0.00	47.45 1.11 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	38.80 0.08 0.00	34.92 0.03 0.00	32.70 -0.07 0.00	29.86 -0.12 0.00	29.76 -0.09 0.00	33.41 -0.34 0.00	37.73 -0.81 0.00	38.82 -0.79 0.00	37.97 -0.54 0.00	37.76 -0.42 0.00	40.68 -0.25 0.00	44.02 0.26 0.00	45.74 0.27 0.00	49.77 0.69 0.00	53.11 1.04 0.00	55.42 1.09 0.00	61.95 0.92 0.00	76.88 1.43 0.00	79.81 2.62 0.00	79.72 2.77 0.00	75.12 2.05 0.00	62.06 0.92 0.00	52.09 0.67 0.00	46.89 0.56 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.65 -0.08 0.00	34.81 -0.07 0.00	32.57 -0.20 0.00	29.74 -0.24 0.00	29.61 -0.24 0.00	33.18 -0.57 0.00	37.42 -1.12 0.00	38.55 -1.07 0.00	37.78 -0.73 0.00	37.65 -0.53 0.00	40.55 -0.37 0.00	44.06 0.31 0.00	45.79 0.32 0.00	49.87 0.79 0.00	53.27 1.20 0.00	55.59 1.25 0.00	61.89 0.85 0.00	76.81 1.36 0.00	79.74 2.55 0.00	79.72 2.77 0.00	74.98 1.90 0.00	61.81 0.67 0.00	51.94 0.51 0.00	46.75 0.42 0.00
STA_56___34_KV_BUS2 355983	38.65 -0.08 0.00	34.81 -0.07 0.00	32.57 -0.20 0.00	29.74 -0.24 0.00	29.61 -0.24 0.00	33.18 -0.57 0.00	37.42 -1.12 0.00	38.55 -1.07 0.00	37.78 -0.73 0.00	37.65 -0.53 0.00	40.55 -0.37 0.00	44.06 0.31 0.00	45.79 0.32 0.00	49.87 0.79 0.00	53.27 1.20 0.00	55.59 1.25 0.00	61.89 0.85 0.00	76.81 1.36 0.00	79.74 2.55 0.00	79.72 2.77 0.00	74.98 1.90 0.00	61.81 0.67 0.00	51.94 0.51 0.00	46.75 0.42 0.00
STA_67___115KV_BK2 355882	38.80 0.08 0.00	34.95 0.07 0.00	32.70 -0.07 0.00	29.86 -0.12 0.00	29.76 -0.09 0.00	33.28 -0.47 0.00	37.50 -1.04 0.00	38.63 -0.99 0.00	37.90 -0.62 0.00	37.72 -0.46 0.00	40.64 -0.29 0.00	44.15 0.39 0.00	45.84 0.36 0.00	49.97 0.88 0.00	53.37 1.30 0.00	55.69 1.36 0.00	62.01 0.98 0.00	76.88 1.43 0.00	79.81 2.62 0.00	79.88 2.92 0.00	75.12 2.05 0.00	61.87 0.73 0.00	52.09 0.67 0.00	46.85 0.51 0.00
STA_7___115KV_9TRANS 80674	39.11 0.39 0.00	35.20 0.31 0.00	32.93 0.16 0.00	30.07 0.09 0.00	29.93 0.09 0.00	33.52 -0.24 0.00	37.73 -0.81 0.00	38.86 -0.75 0.00	38.17 -0.35 0.00	37.99 -0.19 0.00	41.00 0.08 0.00	44.58 0.83 0.00	46.34 0.86 0.00	50.51 1.42 0.00	54.00 1.93 0.00	56.35 2.01 0.00	62.75 1.71 0.00	77.79 2.34 0.00	80.82 3.63 0.00	80.88 3.92 0.00	76.07 3.00 0.00	62.67 1.53 0.00	52.66 1.23 0.00	47.36 1.02 0.00
STA_82___115KV_TB1 80780	38.84 0.12 0.00	34.99 0.10 0.00	32.74 -0.03 0.00	29.89 -0.09 0.00	29.76 -0.09 0.00	33.31 -0.44 0.00	37.50 -1.04 0.00	38.63 -0.99 0.00	37.90 -0.62 0.00	37.72 -0.46 0.00	40.64 -0.29 0.00	44.19 0.44 0.00	45.88 0.41 0.00	50.02 0.93 0.00	53.42 1.35 0.00	55.75 1.41 0.00	62.01 0.98 0.00	76.88 1.43 0.00	79.89 2.70 0.00	79.95 3.00 0.00	75.20 2.12 0.00	61.93 0.79 0.00	52.09 0.67 0.00	46.89 0.56 0.00
STEEL___WIND 323596	38.96 0.23 0.00	35.16 0.28 0.00	32.70 -0.07 0.00	29.80 -0.18 0.00	29.76 -0.09 0.00	33.11 -0.64 0.00	36.61 -1.93 0.00	37.48 -2.14 0.00	37.28 -1.23 0.00	37.19 -0.99 0.00	39.82 -1.10 0.00	43.97 0.22 0.00	46.61 1.14 0.00	50.22 1.13 0.00	53.63 1.56 0.00	56.07 1.74 0.00	61.77 0.74 0.00	76.81 1.36 0.00	80.67 3.48 0.00	80.11 3.16 0.00	74.39 1.32 0.00	60.65 -0.49 0.00	52.30 0.87 0.00	47.26 0.93 0.00
STEPHTWN_115KV_BK_2 55603	39.81 1.08 0.00	36.04 1.15 0.00	33.92 1.15 0.00	31.06 1.08 0.00	30.92 1.07 0.00	34.80 1.05 0.00	39.54 1.00 0.00	40.73 1.11 0.00	39.44 0.92 0.00	38.91 0.73 0.00	41.62 0.70 0.00	44.02 0.26 0.00	45.61 0.14 0.00	49.18 0.10 0.00	52.28 0.21 0.00	54.72 0.38 0.00	61.65 0.61 0.00	76.20 0.75 0.00	78.35 1.16 0.00	77.72 0.77 0.00	73.59 0.51 0.00	61.87 0.73 0.00	52.04 0.62 0.00	46.75 0.42 0.00
STEUBEN_REC_LFGE 323667	39.69 0.97 0.00	35.76 0.87 0.00	33.29 0.52 0.00	30.43 0.45 0.00	30.38 0.54 0.00	33.99 0.24 0.00	37.92 -0.62 0.00	38.59 -1.03 0.00	37.97 -0.54 0.00	37.72 -0.46 0.00	40.51 -0.41 0.00	44.28 0.53 0.00	45.88 0.41 0.00	50.17 1.08 0.00	53.32 1.25 0.00	55.75 1.41 0.00	62.08 1.04 0.00	77.11 1.66 0.00	80.97 3.78 0.00	81.03 4.08 0.00	76.07 3.00 0.00	62.24 1.10 0.00	52.09 0.67 0.00	47.13 0.79 0.00
STILLWATER___SOLAR 323814	40.47 1.74 0.00	36.52 1.64 0.00	34.37 1.61 0.00	31.42 1.44 0.00	31.34 1.49 0.00	35.27 1.52 0.00	40.15 1.62 0.00	41.16 1.54 0.00	39.74 1.23 0.00	39.25 1.07 0.00	41.86 0.94 0.00	44.63 0.87 0.00	46.24 0.77 0.00	50.07 0.98 0.00	53.27 1.20 0.00	55.75 1.41 0.00	62.87 1.83 0.00	77.93 2.49 0.00	80.82 3.63 0.00	80.33 3.38 0.00	76.22 3.14 0.00	64.07 2.93 0.00	53.69 2.26 0.00	48.19 1.86 0.00
STONY___BROOK 24151	41.43 2.71 0.00	37.19 2.30 0.00	34.74 1.97 0.00	31.78 1.80 0.00	31.61 1.76 0.00	35.44 1.69 0.00	40.31 1.77 0.00	41.91 2.30 0.00	41.36 2.85 0.00	41.46 3.28 0.00	44.53 3.60 -0.01	46.47 2.71 0.00	47.29 1.82 0.00	50.57 1.72 0.24	53.13 1.62 0.55	55.62 1.90 0.61	63.05 2.44 0.43	77.43 2.71 0.73	80.20 3.01 0.00	78.65 1.84 0.14	68.54 0.37 4.91	62.05 0.92 0.01	50.65 0.82 1.60	47.31 0.97 0.00
STURGEON_POOL_HYD 23609	40.12 1.39 0.00	36.21 1.33 0.00	33.95 1.18 0.00	31.06 1.08 0.00	30.95 1.10 0.00	34.80 1.05 0.00	39.58 1.04 0.00	40.84 1.23 0.00	39.86 1.35 0.00	39.67 1.49 0.00	42.56 1.64 0.00	45.50 1.84 0.10	47.30 2.05 0.22	50.55 1.96 0.50	53.42 2.08 0.73	55.65 2.23 0.91	62.17 2.56 1.43	78.39 2.94 0.00	80.12 2.93 0.00	79.57 2.62 0.00	74.83 1.75 0.00	62.79 1.65 0.00	53.07 1.65 0.00	48.05 1.71 0.00

ST_LAW_115_BK7_LBMP 345037	38.61 -0.12 0.00	34.71 -0.17 0.00	32.61 -0.16 0.00	29.80 -0.18 0.00	29.61 -0.24 0.00	33.75 0.00 0.00	38.84 0.31 0.00	39.86 0.24 0.00	38.59 0.08 0.00	38.22 0.04 0.00	41.00 0.08 0.00	43.84 0.09 0.00	45.56 0.09 0.00	49.04 -0.05 0.00	51.86 -0.21 0.00	53.96 -0.38 0.00	60.61 -0.42 0.00	74.84 -0.61 0.00	75.88 -1.31 0.00	75.95 -1.00 0.00	72.79 -0.29 0.00	60.96 -0.18 0.00	51.22 -0.20 0.00	46.20 -0.14 0.00
ST_LAW_115_BK8_LBMP 345038	38.61 -0.12 0.00	34.71 -0.17 0.00	32.61 -0.16 0.00	29.80 -0.18 0.00	29.61 -0.24 0.00	33.75 0.00 0.00	38.84 0.31 0.00	39.86 0.24 0.00	38.59 0.08 0.00	38.22 0.04 0.00	41.00 0.08 0.00	43.84 0.09 0.00	45.56 0.09 0.00	49.04 -0.05 0.00	51.86 -0.21 0.00	53.96 -0.38 0.00	60.61 -0.42 0.00	74.84 -0.61 0.00	75.88 -1.31 0.00	75.95 -1.00 0.00	72.79 -0.29 0.00	60.96 -0.18 0.00	51.22 -0.20 0.00	46.20 -0.14 0.00
ST_LAW_230_BK5_LBMP 345035	38.61 -0.12 0.00	34.71 -0.17 0.00	32.61 -0.16 0.00	29.80 -0.18 0.00	29.61 -0.24 0.00	33.75 0.00 0.00	38.81 0.27 0.00	39.86 0.24 0.00	38.59 0.08 0.00	38.22 0.04 0.00	40.96 0.04 0.00	43.84 0.09 0.00	45.56 0.09 0.00	49.04 -0.05 0.00	51.86 -0.21 0.00	53.96 -0.38 0.00	60.61 -0.42 0.00	74.92 -0.52 0.00	75.95 -1.24 0.00	76.03 -0.92 0.00	72.79 -0.29 0.00	60.96 -0.18 0.00	51.17 -0.26 0.00	46.20 -0.14 0.00
ST_LAW_230_BK6_LBMP 345036	38.61 -0.12 0.00	34.71 -0.17 0.00	32.61 -0.16 0.00	29.80 -0.18 0.00	29.61 -0.24 0.00	33.75 0.00 0.00	38.81 0.27 0.00	39.86 0.24 0.00	38.59 0.08 0.00	38.22 0.04 0.00	40.96 0.04 0.00	43.84 0.09 0.00	45.56 0.09 0.00	49.04 -0.05 0.00	51.86 -0.21 0.00	53.96 -0.38 0.00	60.61 -0.42 0.00	74.92 -0.52 0.00	75.95 -1.24 0.00	76.03 -0.92 0.00	72.79 -0.29 0.00	60.96 -0.18 0.00	51.17 -0.26 0.00	46.20 -0.14 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.12 1.39 0.00	36.21 1.33 0.00	33.95 1.18 0.00	31.06 1.08 0.00	30.95 1.10 0.00	34.80 1.05 0.00	39.62 1.08 0.00	40.88 1.27 0.00	39.94 1.42 0.00	39.71 1.53 0.00	42.56 1.64 0.00	45.33 1.58 0.00	47.15 1.68 0.00	50.66 1.57 0.00	53.74 1.67 0.00	56.13 1.79 0.00	63.05 2.01 0.00	77.79 2.34 0.00	79.74 2.55 0.00	79.18 2.23 0.00	74.54 1.46 0.00	62.48 1.35 0.00	52.87 1.44 0.00	47.73 1.39 0.00
SWANROAD_115KV_TB1 355699	38.45 -0.27 0.00	34.85 -0.03 0.00	32.38 -0.39 0.00	29.56 -0.42 0.00	29.52 -0.33 0.00	32.74 -1.01 0.00	35.80 -2.74 0.00	36.41 -3.21 0.00	36.36 -2.16 0.00	36.19 -1.99 0.00	38.75 -2.17 0.00	42.83 -0.92 0.00	44.11 -1.36 0.00	48.45 -0.64 0.00	51.81 -0.26 0.00	54.12 -0.22 0.00	59.33 -1.71 0.00	73.41 -2.04 0.00	77.04 -0.15 0.00	77.03 0.08 0.00	71.91 -1.17 0.00	58.57 -2.57 0.00	49.78 -1.65 0.00	45.18 -1.16 0.00
SYNERGY___BIOGAS 323694	39.58 0.85 0.00	35.72 0.84 0.00	33.29 0.52 0.00	30.37 0.39 0.00	30.29 0.45 0.00	33.72 -0.03 0.00	37.42 -1.12 0.00	38.35 -1.27 0.00	37.86 -0.65 0.00	37.76 -0.42 0.00	40.60 -0.33 0.00	44.63 0.88 0.00	46.11 0.64 0.00	50.56 1.47 0.00	54.15 2.08 0.00	56.51 2.17 0.00	62.44 1.40 0.00	77.56 2.11 0.00	81.44 4.25 0.00	81.72 4.77 0.00	76.44 3.36 0.00	62.48 1.35 0.00	52.71 1.29 0.00	47.50 1.16 0.00
SYRACUSE___ENERGY_ST1 323597	38.61 -0.12 0.00	34.78 -0.10 0.00	32.64 -0.13 0.00	29.83 -0.15 0.00	29.73 -0.12 0.00	33.52 -0.24 0.00	38.07 -0.46 0.00	39.10 -0.52 0.00	38.09 -0.42 0.00	37.76 -0.42 0.00	40.55 -0.37 0.00	43.53 -0.22 0.00	45.24 -0.23 0.00	49.04 -0.05 0.00	52.12 0.05 0.00	54.44 0.11 0.00	61.22 0.18 0.00	75.75 0.30 0.00	78.12 0.93 0.00	77.88 0.92 0.00	73.74 0.66 0.00	61.38 0.24 0.00	51.53 0.10 0.00	46.34 0.00 0.00
SYRACUSE___ENERGY_ST2 323598	38.61 -0.12 0.00	34.78 -0.10 0.00	32.64 -0.13 0.00	29.83 -0.15 0.00	29.73 -0.12 0.00	33.52 -0.24 0.00	38.07 -0.46 0.00	39.10 -0.52 0.00	38.09 -0.42 0.00	37.76 -0.42 0.00	40.55 -0.37 0.00	43.53 -0.22 0.00	45.24 -0.23 0.00	49.04 -0.05 0.00	52.12 0.05 0.00	54.44 0.11 0.00	61.22 0.18 0.00	75.75 0.30 0.00	78.12 0.93 0.00	77.88 0.92 0.00	73.74 0.66 0.00	61.38 0.24 0.00	51.53 0.10 0.00	46.34 0.00 0.00
SYRACUSE___POWER 24017	38.53 -0.19 0.00	34.71 -0.17 0.00	32.57 -0.20 0.00	29.77 -0.21 0.00	29.67 -0.18 0.00	33.41 -0.34 0.00	37.96 -0.58 0.00	39.02 -0.59 0.00	38.01 -0.50 0.00	37.68 -0.50 0.00	40.47 -0.45 0.00	43.49 -0.26 0.00	45.15 -0.32 0.00	48.94 -0.15 0.00	52.07 0.00 0.00	54.39 0.05 0.00	61.10 0.06 0.00	75.52 0.08 0.00	77.88 0.69 0.00	77.65 0.69 0.00	73.52 0.44 0.00	61.20 0.06 0.00	51.37 -0.05 0.00	46.20 -0.14 0.00
TALLMAN__138KV_BK151 55660	40.31 1.59 0.00	36.38 1.50 0.00	34.08 1.31 0.00	31.18 1.20 0.00	31.07 1.22 0.00	34.97 1.22 0.00	39.77 1.23 0.00	41.12 1.51 0.00	40.21 1.69 0.00	40.01 1.83 0.00	42.89 1.96 0.00	45.68 1.93 0.00	47.52 2.05 0.00	50.95 1.87 0.00	54.00 1.93 0.00	56.40 2.06 0.00	63.36 2.32 0.00	78.09 2.64 0.00	79.97 2.78 0.00	79.34 2.39 0.00	74.61 1.53 0.00	62.54 1.41 0.00	53.02 1.59 0.00	47.91 1.58 0.00
TEALLAVE_115KV_TB7 355573	38.45 -0.27 0.00	34.64 -0.24 0.00	32.47 -0.29 0.00	29.71 -0.27 0.00	29.61 -0.24 0.00	33.31 -0.44 0.00	37.84 -0.69 0.00	38.90 -0.71 0.00	37.94 -0.58 0.00	37.61 -0.57 0.00	40.39 -0.53 0.00	43.40 -0.35 0.00	45.06 -0.41 0.00	48.84 -0.25 0.00	51.97 -0.10 0.00	54.28 -0.05 0.00	60.98 -0.06 0.00	75.30 -0.15 0.00	77.58 0.39 0.00	77.34 0.38 0.00	73.22 0.15 0.00	60.96 -0.18 0.00	51.17 -0.26 0.00	46.06 -0.28 0.00
TELGRAPH_34_KV_EAST 80808	39.03 0.31 0.00	35.27 0.38 0.00	32.83 0.07 0.00	29.98 0.00 0.00	29.90 0.06 0.00	33.21 -0.54 0.00	36.61 -1.93 0.00	37.44 -2.18 0.00	37.20 -1.31 0.00	37.07 -1.11 0.00	39.78 -1.15 0.00	43.84 0.09 0.00	45.15 -0.32 0.00	49.58 0.49 0.00	53.06 0.99 0.00	55.42 1.09 0.00	60.98 -0.06 0.00	75.52 0.08 0.00	79.27 2.08 0.00	79.34 2.39 0.00	74.10 1.02 0.00	60.47 -0.67 0.00	51.22 -0.21 0.00	46.29 -0.05 0.00
TEMPLE___115KV_TB 2 55572	38.45 -0.27 0.00	34.64 -0.24 0.00	32.51 -0.26 0.00	29.71 -0.27 0.00	29.61 -0.24 0.00	33.35 -0.41 0.00	37.88 -0.66 0.00	38.90 -0.71 0.00	37.94 -0.58 0.00	37.61 -0.57 0.00	40.43 -0.49 0.00	43.40 -0.35 0.00	45.11 -0.36 0.00	48.89 -0.20 0.00	51.97 -0.10 0.00	54.28 -0.05 0.00	60.98 -0.06 0.00	75.37 -0.08 0.00	77.65 0.46 0.00	77.41 0.46 0.00	73.22 0.15 0.00	60.96 -0.18 0.00	51.22 -0.21 0.00	46.06 -0.28 0.00
TIANA____69_KV_BK 1 55817	41.55 2.83 0.00	37.29 2.41 0.00	34.83 2.06 0.00	31.90 1.92 0.00	31.70 1.85 0.00	35.51 1.76 0.00	40.35 1.81 0.00	42.11 2.50 0.00	41.56 3.04 0.00	41.65 3.47 0.00	44.81 3.89 0.00	47.30 3.54 0.00	48.84 3.36 0.00	50.84 1.91 0.16	53.63 1.93 0.36	56.33 2.39 0.40	63.81 3.05 0.28	78.98 4.00 0.47	81.28 4.09 0.00	79.63 2.77 0.09	69.32 1.17 4.93	62.42 1.28 0.01	50.85 1.03 1.61	48.42 2.09 0.00

TILDEN___115KV_TB1 80814	38.53 -0.19 0.00	34.71 -0.17 0.00	32.57 -0.20 0.00	29.77 -0.21 0.00	29.67 -0.18 0.00	33.41 -0.34 0.00	37.96 -0.58 0.00	39.02 -0.59 0.00	38.01 -0.50 0.00	37.68 -0.50 0.00	40.47 -0.45 0.00	43.49 -0.26 0.00	45.15 -0.32 0.00	48.94 -0.15 0.00	52.07 0.00 0.00	54.39 0.05 0.00	61.10 0.06 0.00	75.52 0.08 0.00	77.88 0.69 0.00	77.65 0.69 0.00	73.52 0.44 0.00	61.20 0.06 0.00	51.37 -0.05 0.00	46.20 -0.14 0.00
TRIGEN___CC 323695	41.09 2.36 0.00	36.94 2.06 0.00	34.54 1.77 0.00	31.60 1.62 0.00	31.43 1.58 0.00	35.30 1.55 0.00	40.19 1.66 0.00	41.76 2.14 0.00	41.05 2.54 0.00	41.04 2.86 0.00	43.91 2.99 0.00	46.55 2.80 0.00	48.29 2.82 0.00	50.95 1.87 0.01	53.94 1.87 0.01	56.51 2.17 0.00	63.54 2.50 0.00	78.24 2.79 0.00	80.12 2.93 0.00	79.11 2.15 0.00	73.09 1.17 1.16	62.23 1.10 0.01	52.28 1.23 0.38	48.10 1.76 0.00
TRINITY___115KV___4 BK 55933	39.46 0.74 0.00	35.76 0.87 0.00	33.65 0.88 0.00	30.85 0.87 0.00	30.71 0.87 0.00	34.49 0.74 0.00	39.23 0.69 0.00	40.37 0.75 0.00	39.13 0.62 0.00	38.68 0.50 0.00	41.33 0.41 0.00	43.71 -0.04 0.00	45.34 -0.14 0.00	48.89 -0.20 0.00	51.91 -0.16 0.00	54.28 -0.05 0.00	61.04 0.00 0.00	75.37 -0.08 0.00	77.42 0.23 0.00	76.88 -0.08 0.00	72.71 -0.37 0.00	61.26 0.12 0.00	51.53 0.10 0.00	46.38 0.05 0.00
UNION___PROCESSING_DRP 323587	38.84 0.12 0.00	34.99 0.10 0.00	32.74 -0.03 0.00	29.89 -0.09 0.00	29.76 -0.09 0.00	33.31 -0.44 0.00	37.53 -1.00 0.00	38.63 -0.99 0.00	37.94 -0.58 0.00	37.76 -0.42 0.00	40.64 -0.29 0.00	44.19 0.44 0.00	45.88 0.41 0.00	50.02 0.93 0.00	53.42 1.35 0.00	55.75 1.41 0.00	62.01 0.98 0.00	76.96 1.51 0.00	79.89 2.70 0.00	79.95 3.00 0.00	75.20 2.12 0.00	61.93 0.79 0.00	52.15 0.72 0.00	46.89 0.56 0.00
UPPER HUDSON___HYD 24058	40.43 1.70 0.00	36.38 1.50 0.00	34.31 1.54 0.00	31.33 1.35 0.00	31.25 1.40 0.00	35.20 1.45 0.00	40.12 1.58 0.00	41.16 1.54 0.00	39.67 1.15 0.00	39.17 0.99 0.00	41.54 0.61 0.00	44.32 0.57 0.00	45.79 0.32 0.00	49.58 0.49 0.00	52.85 0.78 0.00	55.37 1.03 0.00	62.50 1.46 0.00	77.71 2.26 0.00	81.28 4.09 0.00	80.72 3.77 0.00	76.88 3.80 0.00	64.50 3.36 0.00	53.94 2.52 0.00	48.24 1.90 0.00
UPPER RAQUET___HYD 24056	39.42 0.70 0.00	35.41 0.52 0.00	33.26 0.49 0.00	30.40 0.42 0.00	30.20 0.36 0.00	34.46 0.71 0.00	39.65 1.12 0.00	40.69 1.07 0.00	39.24 0.73 0.00	38.83 0.65 0.00	41.66 0.74 0.00	44.63 0.87 0.00	46.43 0.96 0.00	49.97 0.88 0.00	52.75 0.68 0.00	54.50 0.16 0.00	60.98 -0.06 0.00	75.30 -0.15 0.00	76.73 -0.46 0.00	77.18 0.23 0.00	73.88 0.81 0.00	62.30 1.16 0.00	52.35 0.93 0.00	47.22 0.88 0.00
VALLEY44_115KV_TB2 355964	38.53 -0.19 0.00	34.74 -0.14 0.00	32.28 -0.49 0.00	29.50 -0.48 0.00	29.49 -0.36 0.00	32.81 -0.95 0.00	36.38 -2.16 0.00	36.92 -2.69 0.00	36.74 -1.77 0.00	36.69 -1.49 0.00	39.29 -1.64 0.00	43.27 -0.48 0.00	44.83 -0.64 0.00	49.23 0.15 0.00	52.23 0.16 0.00	54.66 0.33 0.00	60.37 -0.67 0.00	74.62 -0.83 0.00	78.35 1.16 0.00	78.11 1.15 0.00	72.93 -0.15 0.00	59.61 -1.53 0.00	50.45 -0.98 0.00	46.15 -0.19 0.00
VALLEY___115KV_TB 1-4 80826	39.03 0.31 0.00	35.16 0.28 0.00	33.06 0.29 0.00	30.22 0.24 0.00	30.08 0.24 0.00	33.95 0.20 0.00	38.77 0.23 0.00	39.81 0.20 0.00	38.67 0.15 0.00	38.29 0.11 0.00	41.09 0.16 0.00	43.93 0.18 0.00	45.65 0.18 0.00	49.33 0.25 0.00	52.33 0.26 0.00	54.66 0.33 0.00	61.47 0.43 0.00	76.05 0.60 0.00	78.04 0.85 0.00	77.72 0.77 0.00	73.66 0.58 0.00	61.63 0.49 0.00	51.73 0.31 0.00	46.52 0.19 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.20 1.47 0.00	36.24 1.36 0.00	34.05 1.28 0.00	31.12 1.14 0.00	30.98 1.13 0.00	34.93 1.18 0.00	39.65 1.12 0.00	40.61 0.99 0.00	39.51 1.00 0.00	39.13 0.95 0.00	41.99 1.06 0.00	45.07 1.31 0.00	46.84 1.36 0.00	50.66 1.57 0.00	53.74 1.67 0.00	56.29 1.96 0.00	63.30 2.26 0.00	78.39 2.94 0.00	80.82 3.63 0.00	80.42 3.46 0.00	76.00 2.92 0.00	63.58 2.45 0.00	53.43 2.01 0.00	48.10 1.76 0.00
VISCHER___FERRY HYD 24020	40.08 1.35 0.00	36.24 1.36 0.00	34.11 1.34 0.00	31.24 1.26 0.00	31.10 1.25 0.00	34.97 1.21 0.00	39.81 1.27 0.00	40.88 1.27 0.00	39.55 1.04 0.00	39.17 0.99 0.00	41.82 0.90 0.00	44.50 0.74 0.00	46.11 0.64 0.00	49.87 0.78 0.00	52.95 0.88 0.00	55.42 1.09 0.00	62.38 1.34 0.00	77.04 1.59 0.00	79.50 2.31 0.00	78.95 2.00 0.00	74.68 1.61 0.00	62.91 1.77 0.00	52.76 1.33 0.00	47.50 1.16 0.00
V_A_10_SYNC_DSASP 323832	38.34 -0.39 0.00	34.64 -0.24 0.00	32.28 -0.49 0.00	29.47 -0.51 0.00	29.37 -0.48 0.00	32.67 -1.08 0.00	36.30 -2.24 0.00	37.24 -2.38 0.00	37.01 -1.50 0.00	36.81 -1.37 0.00	39.41 -1.51 0.00	43.36 -0.39 0.00	44.79 -0.68 0.00	49.04 -0.05 0.00	52.43 0.36 0.00	54.72 0.38 0.00	60.24 -0.79 0.00	74.54 -0.91 0.00	77.88 0.69 0.00	77.88 0.92 0.00	72.93 -0.15 0.00	59.61 -1.53 0.00	50.55 -0.87 0.00	45.64 -0.70 0.00
V_CMM_10_SYNC_DSASP 323787	38.84 0.12 0.00	34.88 0.00 0.00	32.77 0.00 0.00	29.98 0.00 0.00	29.79 -0.06 0.00	33.96 0.20 0.00	39.04 0.50 0.00	40.05 0.44 0.00	38.78 0.27 0.00	38.41 0.23 0.00	41.21 0.29 0.00	44.10 0.35 0.00	45.83 0.36 0.00	49.33 0.25 0.00	52.12 0.05 0.00	54.17 -0.16 0.00	60.92 -0.12 0.00	75.22 -0.23 0.00	76.18 -1.01 0.00	76.42 -0.53 0.00	73.15 0.07 0.00	61.26 0.12 0.00	51.48 0.05 0.00	46.48 0.14 0.00
V_CMP_10_SYNC_DSASP 323788	40.08 1.35 0.00	35.97 1.08 0.00	33.75 0.98 0.00	30.85 0.87 0.00	30.68 0.83 0.00	34.97 1.21 0.00	40.23 1.69 0.00	41.28 1.66 0.00	39.94 1.43 0.00	39.63 1.45 0.00	42.52 1.59 0.00	45.55 1.79 0.00	47.43 1.95 0.00	50.31 1.23 0.00	52.59 0.52 0.00	54.61 0.27 0.00	61.41 0.37 0.00	75.83 0.38 0.00	76.96 -0.23 0.00	77.34 0.39 0.00	73.96 0.88 0.00	61.63 0.49 0.00	51.89 0.46 0.00	47.40 1.07 0.00
V_D_10_SYNC_DSASP 323841	39.11 0.39 0.00	35.13 0.25 0.00	33.00 0.23 0.00	30.16 0.18 0.00	29.96 0.12 0.00	34.16 0.41 0.00	39.27 0.73 0.00	40.37 0.75 0.00	39.01 0.50 0.00	38.64 0.46 0.00	41.45 0.53 0.00	44.41 0.66 0.00	46.15 0.68 0.00	49.68 0.59 0.00	52.48 0.41 0.00	54.50 0.16 0.00	61.22 0.18 0.00	75.52 0.08 0.00	76.65 -0.54 0.00	76.88 -0.08 0.00	73.66 0.58 0.00	61.81 0.67 0.00	51.94 0.51 0.00	46.85 0.51 0.00
V_E_10_SYNC_DSASP 323830	41.59 2.87 0.00	37.43 2.55 0.00	35.10 2.33 0.00	31.99 2.01 0.00	31.84 2.00 0.00	35.94 2.19 0.00	40.85 2.31 0.00	43.10 3.49 0.00	41.25 2.73 0.00	40.20 2.02 0.00	43.05 2.13 0.00	46.73 2.98 0.00	48.79 3.32 0.00	53.11 4.03 0.00	56.34 4.27 0.00	57.65 3.31 0.00	65.31 4.27 0.00	81.71 6.26 0.00	85.76 8.57 0.00	85.42 8.46 0.00	80.61 7.53 0.00	66.64 5.50 0.00	55.59 4.16 0.00	49.86 3.52 0.00



V_F_30_NSYNC___DSASP 323816	40.51 1.78 0.00	36.52 1.64 0.00	34.41 1.64 0.00	31.45 1.47 0.00	31.37 1.52 0.00	35.31 1.55 0.00	40.15 1.62 0.00	41.20 1.59 0.00	39.78 1.27 0.00	39.32 1.14 0.00	41.98 1.06 0.00	44.76 1.01 0.00	46.38 0.91 0.00	50.22 1.13 0.00	53.42 1.35 0.00	55.91 1.58 0.00	62.99 1.95 0.00	78.16 2.71 0.00	80.97 3.78 0.00	80.49 3.54 0.00	76.37 3.29 0.00	64.19 3.06 0.00	53.79 2.37 0.00	48.24 1.90 0.00
V_F_30_SYNC_DSASP 323786	39.61 0.89 0.00	35.86 0.98 0.00	33.78 1.02 0.00	30.97 0.99 0.00	30.80 0.96 0.00	34.63 0.88 0.00	39.35 0.81 0.00	40.53 0.91 0.00	39.24 0.73 0.00	38.83 0.65 0.00	41.50 0.57 0.00	43.88 0.13 0.00	45.52 0.05 0.00	49.09 0.00 0.00	52.17 0.10 0.00	54.55 0.22 0.00	61.40 0.37 0.00	75.83 0.38 0.00	77.88 0.69 0.00	77.34 0.38 0.00	73.22 0.15 0.00	61.63 0.49 0.00	51.84 0.41 0.00	46.57 0.23 0.00
V_XM_10_SYNC_DSASP 323789	40.08 1.35 0.00	35.97 1.08 0.00	33.75 0.98 0.00	30.85 0.87 0.00	30.68 0.83 0.00	34.97 1.21 0.00	40.23 1.69 0.00	41.28 1.66 0.00	39.94 1.43 0.00	39.63 1.45 0.00	42.52 1.59 0.00	45.55 1.79 0.00	47.43 1.95 0.00	50.31 1.23 0.00	52.59 0.52 0.00	54.61 0.27 0.00	61.41 0.37 0.00	75.83 0.38 0.00	76.96 -0.23 0.00	77.34 0.39 0.00	73.96 0.88 0.00	61.63 0.49 0.00	51.89 0.46 0.00	47.40 1.07 0.00
W.BABYLN_69_KV_BK1 56697	41.82 3.10 0.00	37.57 2.69 0.00	35.06 2.29 0.00	32.08 2.10 0.00	31.87 2.03 0.00	35.78 2.03 0.00	40.69 2.16 0.00	42.39 2.77 0.00	41.71 3.20 0.00	41.81 3.63 0.00	44.85 3.93 0.00	47.34 3.59 0.00	49.06 3.59 0.00	51.15 2.16 0.09	54.10 2.24 0.21	56.77 2.66 0.23	64.05 3.17 0.16	78.88 3.70 0.27	81.20 4.01 0.00	79.75 2.85 0.05	70.33 1.61 4.35	62.78 1.65 0.01	51.55 1.54 1.42	48.79 2.46 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.43 1.70 0.00	36.49 1.60 0.00	34.18 1.41 0.00	31.27 1.29 0.00	31.16 1.31 0.00	35.07 1.32 0.00	39.88 1.35 0.00	41.20 1.58 0.00	40.28 1.77 0.00	40.13 1.95 0.00	43.01 2.09 0.00	45.77 2.01 0.00	47.61 2.14 0.00	51.10 2.01 0.00	54.20 2.13 0.00	56.56 2.23 0.00	63.54 2.50 0.00	78.32 2.87 0.00	80.20 3.01 0.00	79.65 2.69 0.00	74.91 1.83 0.00	62.79 1.65 0.00	53.17 1.75 0.00	48.05 1.71 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.70 1.97 0.00	36.73 1.85 0.00	34.37 1.61 0.00	31.45 1.47 0.00	31.34 1.49 0.00	35.27 1.52 0.00	40.23 1.70 0.00	41.68 2.06 0.00	40.82 2.31 0.00	40.70 2.52 0.00	43.66 2.74 0.00	46.47 2.71 0.00	48.29 2.82 0.00	51.74 2.65 0.00	54.73 2.66 0.00	57.11 2.77 0.00	63.97 2.93 0.00	78.69 3.24 0.00	80.43 3.24 0.00	79.95 3.00 0.00	75.12 2.05 0.00	62.85 1.71 0.00	53.43 2.01 0.00	48.42 2.09 0.00
W50THST__13_KV_LOAD 356117	40.89 2.17 0.00	36.91 2.02 0.00	34.54 1.77 0.00	31.57 1.59 0.00	31.49 1.64 0.00	35.44 1.69 0.00	40.42 1.89 0.00	41.91 2.30 0.00	41.09 2.58 0.00	40.97 2.79 0.00	43.95 3.03 0.00	46.82 3.06 0.00	48.65 3.18 0.00	52.13 3.04 0.00	55.14 3.07 0.00	57.54 3.21 0.00	64.46 3.42 0.00	79.22 3.77 0.00	80.90 3.71 0.00	80.42 3.46 0.00	75.49 2.41 0.00	63.16 2.02 0.00	53.74 2.31 0.00	48.65 2.32 0.00
WADING RIVER_IC_1 23522	40.93 2.21 0.00	36.73 1.85 0.00	34.31 1.54 0.00	31.45 1.47 0.00	31.25 1.40 0.00	35.00 1.25 0.00	39.81 1.27 0.00	41.44 1.82 0.00	40.90 2.39 0.00	40.97 2.79 0.00	44.04 3.11 -0.01	45.90 2.14 0.00	46.47 1.00 0.00	49.82 0.88 0.15	52.44 0.73 0.36	55.03 1.09 0.39	62.35 1.58 0.28	77.32 2.34 0.47	79.81 2.63 0.00	78.32 1.46 0.09	68.08 -0.07 4.93	61.44 0.31 0.01	49.92 0.10 1.61	46.71 0.37 0.00
WADING RIVER_IC_2 23547	40.93 2.21 0.00	36.73 1.85 0.00	34.31 1.54 0.00	31.45 1.47 0.00	31.25 1.40 0.00	35.00 1.25 0.00	39.81 1.27 0.00	41.44 1.82 0.00	40.90 2.39 0.00	40.97 2.79 0.00	44.04 3.11 -0.01	45.90 2.14 0.00	46.47 1.00 0.00	49.82 0.88 0.15	52.44 0.73 0.36	55.03 1.09 0.39	62.35 1.58 0.28	77.32 2.34 0.47	79.81 2.63 0.00	78.32 1.46 0.09	68.08 -0.07 4.93	61.44 0.31 0.01	49.92 0.10 1.61	46.71 0.37 0.00
WADING RIVER_IC_3 23601	40.93 2.21 0.00	36.73 1.85 0.00	34.31 1.54 0.00	31.45 1.47 0.00	31.25 1.40 0.00	35.00 1.25 0.00	39.81 1.27 0.00	41.44 1.82 0.00	40.90 2.39 0.00	40.97 2.79 0.00	44.04 3.11 -0.01	45.90 2.14 0.00	46.47 1.00 0.00	49.82 0.88 0.15	52.44 0.73 0.36	55.03 1.09 0.39	62.35 1.58 0.28	77.32 2.34 0.47	79.81 2.63 0.00	78.32 1.46 0.09	68.08 -0.07 4.93	61.44 0.31 0.01	49.92 0.10 1.61	46.71 0.37 0.00
WALDENNY_12_KV_BK2 80841	39.03 0.31 0.00	35.27 0.38 0.00	32.77 0.00 0.00	29.92 -0.06 0.00	29.87 0.03 0.00	33.18 -0.57 0.00	36.65 -1.89 0.00	37.40 -2.22 0.00	37.32 -1.19 0.00	37.26 -0.92 0.00	39.90 -1.02 0.00	44.06 0.31 0.00	45.61 0.14 0.00	50.17 1.08 0.00	53.58 1.51 0.00	56.07 1.74 0.00	61.59 0.55 0.00	76.20 0.75 0.00	80.05 2.86 0.00	79.88 2.92 0.00	74.47 1.39 0.00	60.71 -0.43 0.00	51.43 0.00 0.00	46.52 0.19 0.00
WALDEN__HYDRO 24148	40.39 1.67 0.00	36.45 1.57 0.00	34.15 1.38 0.00	31.27 1.29 0.00	31.13 1.28 0.00	35.03 1.28 0.00	39.85 1.31 0.00	41.08 1.47 0.00	40.09 1.58 0.00	39.86 1.68 0.00	42.68 1.76 0.00	45.50 1.75 0.00	47.43 1.96 0.00	51.00 1.91 0.00	54.10 2.03 0.00	56.51 2.17 0.00	63.60 2.56 0.00	78.54 3.09 0.00	80.51 3.32 0.00	80.03 3.08 0.00	75.27 2.19 0.00	63.09 1.96 0.00	53.33 1.90 0.00	48.10 1.76 0.00
WARRENSBURG____ 23737	40.43 1.70 0.00	36.38 1.50 0.00	34.31 1.54 0.00	31.33 1.35 0.00	31.25 1.40 0.00	35.20 1.45 0.00	40.12 1.58 0.00	41.16 1.55 0.00	39.67 1.16 0.00	39.17 0.99 0.00	41.54 0.61 0.00	44.37 0.61 0.00	45.88 0.41 0.00	49.58 0.49 0.00	52.85 0.78 0.00	55.42 1.09 0.00	62.56 1.53 0.00	77.79 2.34 0.00	81.20 4.01 0.00	80.65 3.69 0.00	76.88 3.80 0.00	64.50 3.36 0.00	54.00 2.57 0.00	48.28 1.95 0.00
WATERSIDE____6 8 9 23538	40.89 2.17 0.00	36.91 2.02 0.00	34.47 1.70 0.00	31.45 1.47 0.00	31.37 1.52 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.40 1.78 0.00	40.59 2.08 0.00	40.62 2.44 0.00	43.58 2.66 0.00	46.47 2.71 0.00	48.29 2.82 0.00	51.44 2.36 0.00	54.41 2.34 0.00	56.73 2.39 0.00	63.36 2.32 0.00	77.94 2.49 0.00	73.25 2.47 6.41	70.39 2.23 8.80	64.01 1.39 10.46	62.36 1.22 0.00	53.23 1.80 0.00	48.65 2.32 0.00
WATKINRD_115KV_LN8_ILLION 55919	38.96 0.23 0.00	35.13 0.24 0.00	33.00 0.23 0.00	30.16 0.18 0.00	30.02 0.18 0.00	33.92 0.17 0.00	38.69 0.15 0.00	39.77 0.16 0.00	38.63 0.12 0.00	38.26 0.08 0.00	41.00 0.08 0.00	43.84 0.09 0.00	45.56 0.09 0.00	49.18 0.10 0.00	52.23 0.16 0.00	54.55 0.22 0.00	61.28 0.24 0.00	75.83 0.38 0.00	77.81 0.62 0.00	77.49 0.54 0.00	73.44 0.37 0.00	61.44 0.31 0.00	51.63 0.21 0.00	46.48 0.14 0.00

WDELAWARE___HYD 323627	40.12 1.39 0.00	36.21 1.33 0.00	33.92 1.15 0.00	31.03 1.05 0.00	30.89 1.04 0.00	34.76 1.01 0.00	39.54 1.00 0.00	40.80 1.19 0.00	39.78 1.27 0.00	39.52 1.34 0.00	42.35 1.43 0.00	45.16 1.44 0.03	46.89 1.50 0.08	50.63 1.72 0.17	53.69 1.87 0.26	55.97 1.95 0.32	62.92 2.38 0.50	78.54 3.09 0.00	80.82 3.63 0.00	80.42 3.47 0.00	75.49 2.41 0.00	63.22 2.08 0.00	53.22 1.80 0.00	47.91 1.58 0.00
WEST BABYLON___IC 23714	41.82 3.10 0.00	37.57 2.69 0.00	35.06 2.29 0.00	32.08 2.10 0.00	31.87 2.03 0.00	35.78 2.03 0.00	40.69 2.16 0.00	42.39 2.77 0.00	41.71 3.20 0.00	41.81 3.63 0.00	44.85 3.93 0.00	47.34 3.59 0.00	49.06 3.59 0.00	51.15 2.16 0.09	54.10 2.24 0.21	56.77 2.66 0.23	64.05 3.17 0.16	78.88 3.70 0.27	81.20 4.01 0.00	79.75 2.85 0.05	70.33 1.61 4.35	62.78 1.65 0.01	51.55 1.54 1.42	48.79 2.46 0.00
WEST CANADA___HYD 24049	38.88 0.16 0.00	35.06 0.18 0.00	32.97 0.20 0.00	30.13 0.15 0.00	30.00 0.15 0.00	33.89 0.14 0.00	38.61 0.08 0.00	39.74 0.12 0.00	38.59 0.08 0.00	38.26 0.08 0.00	41.00 0.08 0.00	43.80 0.04 0.00	45.52 0.05 0.00	49.13 0.05 0.00	52.12 0.05 0.00	54.44 0.11 0.00	61.16 0.12 0.00	75.60 0.15 0.00	77.58 0.39 0.00	77.26 0.31 0.00	73.15 0.07 0.00	61.26 0.12 0.00	51.53 0.10 0.00	46.38 0.05 0.00
WESTERN_NY_WIND 24143	39.58 0.85 0.00	35.69 0.80 0.00	33.29 0.52 0.00	30.37 0.39 0.00	30.26 0.42 0.00	33.68 -0.07 0.00	37.34 -1.19 0.00	38.27 -1.35 0.00	37.82 -0.69 0.00	37.68 -0.50 0.00	40.55 -0.37 0.00	44.54 0.79 0.00	46.02 0.55 0.00	50.46 1.37 0.00	54.05 1.98 0.00	56.45 2.12 0.00	62.32 1.28 0.00	77.41 1.96 0.00	81.28 4.09 0.00	81.57 4.62 0.00	76.29 3.22 0.00	62.36 1.22 0.00	52.61 1.18 0.00	47.45 1.11 0.00
WESTOVER___LESR 323668	39.19 0.46 0.00	35.30 0.42 0.00	33.06 0.29 0.00	30.25 0.27 0.00	30.17 0.33 0.00	33.89 0.14 0.00	38.30 -0.23 0.00	39.18 -0.44 0.00	38.32 -0.19 0.00	38.03 -0.15 0.00	40.80 -0.12 0.00	43.97 0.22 0.00	45.65 0.18 0.00	49.53 0.44 0.00	52.64 0.57 0.00	55.10 0.76 0.00	61.71 0.67 0.00	76.35 0.91 0.00	79.04 1.85 0.00	78.80 1.85 0.00	74.39 1.32 0.00	61.81 0.67 0.00	51.99 0.57 0.00	46.89 0.56 0.00
WETHRSFD_WT_PWR 323626	38.96 0.23 0.00	35.13 0.25 0.00	32.70 -0.07 0.00	29.83 -0.15 0.00	29.73 -0.12 0.00	33.18 -0.57 0.00	36.80 -1.73 0.00	37.55 -2.06 0.00	37.09 -1.42 0.00	36.92 -1.26 0.00	39.57 -1.35 0.00	43.45 -0.30 0.00	45.88 0.41 0.00	49.43 0.35 0.00	52.70 0.63 0.00	55.10 0.76 0.00	60.92 -0.12 0.00	75.83 0.38 0.00	79.59 2.40 0.00	79.41 2.46 0.00	74.18 1.10 0.00	60.65 -0.49 0.00	51.94 0.51 0.00	46.94 0.60 0.00
WHAVSTOR_138KV_BK127 55557	40.27 1.55 0.00	36.38 1.50 0.00	34.08 1.31 0.00	31.18 1.20 0.00	31.07 1.22 0.00	34.93 1.18 0.00	39.77 1.23 0.00	41.08 1.47 0.00	40.17 1.66 0.00	40.01 1.83 0.00	42.89 1.96 0.00	45.63 1.88 0.00	47.47 2.00 0.00	50.90 1.82 0.00	53.89 1.82 0.00	56.29 1.96 0.00	63.24 2.20 0.00	77.86 2.41 0.00	79.74 2.55 0.00	79.18 2.23 0.00	74.47 1.39 0.00	62.42 1.28 0.00	52.92 1.49 0.00	47.82 1.48 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.27 1.55 0.00	36.38 1.50 0.00	34.08 1.31 0.00	31.18 1.20 0.00	31.07 1.22 0.00	34.93 1.18 0.00	39.77 1.23 0.00	41.08 1.47 0.00	40.17 1.66 0.00	40.01 1.83 0.00	42.89 1.96 0.00	45.63 1.88 0.00	47.47 2.00 0.00	50.90 1.82 0.00	53.89 1.82 0.00	56.29 1.96 0.00	63.24 2.20 0.00	77.86 2.41 0.00	79.74 2.55 0.00	79.18 2.23 0.00	74.47 1.39 0.00	62.42 1.28 0.00	52.92 1.49 0.00	47.82 1.48 0.00
WHITEHAL_115KV_TB1 80871	41.24 2.52 0.00	37.05 2.16 0.00	34.96 2.20 0.00	31.87 1.89 0.00	31.84 2.00 0.00	35.91 2.16 0.00	40.89 2.35 0.00	41.87 2.26 0.00	40.25 1.73 0.00	39.67 1.49 0.00	42.15 1.23 0.00	45.02 1.27 0.00	46.56 1.09 0.00	50.41 1.33 0.00	53.84 1.77 0.00	56.45 2.12 0.00	63.85 2.81 0.00	79.67 4.23 0.00	83.29 6.10 0.00	82.88 5.93 0.00	79.00 5.92 0.00	66.27 5.14 0.00	55.39 3.96 0.00	49.35 3.01 0.00
WHITEPLN_13_KV_LOAD 356215	40.89 2.17 0.00	36.91 2.02 0.00	34.54 1.77 0.00	31.60 1.62 0.00	31.49 1.64 0.00	35.41 1.65 0.00	40.42 1.89 0.00	41.87 2.26 0.00	41.02 2.50 0.00	40.81 2.63 0.00	43.83 2.91 0.00	46.64 2.89 0.00	48.52 3.05 0.00	52.03 2.95 0.00	55.25 3.18 0.00	57.65 3.31 0.00	64.76 3.72 0.00	79.75 4.30 0.00	81.59 4.40 0.00	81.03 4.08 0.00	76.07 3.00 0.00	63.58 2.45 0.00	53.84 2.42 0.00	48.61 2.27 0.00
WM_FLOYD_69_KV_BK2 356380	41.32 2.59 0.00	37.08 2.20 0.00	34.64 1.87 0.00	31.72 1.74 0.00	31.52 1.67 0.00	35.34 1.59 0.00	40.19 1.66 0.00	41.87 2.26 0.00	41.25 2.73 0.00	41.31 3.13 0.00	44.36 3.44 0.00	46.82 3.06 0.00	48.34 2.86 0.00	50.29 1.37 0.17	53.04 1.35 0.39	55.70 1.79 0.42	63.12 2.38 0.30	78.04 3.09 0.50	80.43 3.24 0.00	78.93 2.08 0.10	68.82 0.66 4.92	62.05 0.92 0.01	50.64 0.82 1.60	48.19 1.85 0.00
WOODARD__115KV_TB2 355635	38.41 -0.31 0.00	34.61 -0.28 0.00	32.44 -0.33 0.00	29.68 -0.30 0.00	29.58 -0.27 0.00	33.31 -0.44 0.00	37.84 -0.69 0.00	38.90 -0.71 0.00	37.90 -0.62 0.00	37.57 -0.61 0.00	40.39 -0.53 0.00	43.32 -0.44 0.00	45.02 -0.45 0.00	48.79 -0.29 0.00	51.86 -0.21 0.00	54.17 -0.16 0.00	60.85 -0.18 0.00	75.22 -0.23 0.00	77.42 0.23 0.00	77.18 0.23 0.00	73.08 0.00 0.00	60.89 -0.24 0.00	51.12 -0.31 0.00	46.01 -0.32 0.00
WOODMERE_69_KV_BK1 55827	41.67 2.94 0.00	37.43 2.55 0.00	34.96 2.20 0.00	31.96 1.98 0.00	31.81 1.97 0.00	35.74 1.99 0.00	40.62 2.08 0.00	42.27 2.65 0.00	41.59 3.08 0.00	41.62 3.44 0.00	44.56 3.64 0.00	47.34 3.59 0.00	49.15 3.68 0.00	51.78 2.70 0.01	54.93 2.86 0.01	57.60 3.26 0.00	64.82 3.78 0.00	79.90 4.45 0.00	81.90 4.71 0.00	80.72 3.77 0.00	75.12 2.56 0.51	63.46 2.32 0.01	53.36 2.11 0.17	48.89 2.55 0.00
YORK___WARBASSE 23770	41.09 2.36 0.00	37.05 2.16 0.00	34.60 1.84 0.00	31.51 1.53 0.00	31.46 1.61 0.00	35.10 1.35 0.00	40.00 1.46 0.00	41.36 1.74 0.00	40.52 2.00 0.00	40.59 2.41 0.00	43.54 2.62 0.00	46.47 2.71 0.00	48.34 2.86 0.00	51.44 2.36 0.00	54.46 2.40 0.01	56.78 2.45 0.00	63.54 2.50 0.00	78.39 2.94 0.00	73.79 3.01 6.41	70.93 2.77 8.80	64.45 1.83 10.46	62.73 1.59 0.00	53.23 1.80 0.00	48.89 2.55 0.00