

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		07/13/2025																										
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		49.93	45.02	39.93	39.74	38.91	38.88	38.86	41.20	43.24	48.74	51.91	55.54	57.30	58.71	64.10	72.03	81.75	87.89	91.78	86.18	80.07	69.39	62.17	56.72			
24138		3.48	3.10	2.68	2.50	2.55	2.61	2.58	2.77	3.05	3.04	3.12	2.93	2.93	2.87	3.05	4.59	5.13	5.75	6.24	4.95	4.17	2.92	2.62	2.91			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	-0.72	-1.23	-1.16	-0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1		50.02	45.06	40.01	39.81	38.95	38.92	38.90	41.24	43.28	48.74	51.91	55.54	57.30	58.71	64.10	72.10	81.75	87.97	91.95	86.34	80.14	69.53	62.17	56.72			
24260		3.58	3.14	2.76	2.57	2.58	2.65	2.61	2.81	3.09	3.04	3.12	2.93	2.93	2.87	3.05	4.65	5.13	5.83	6.41	5.12	4.25	3.06	2.62	2.91			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	-0.72	-1.23	-1.16	-0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2		50.02	45.06	40.01	39.81	38.95	38.92	38.90	41.24	43.28	48.74	51.91	55.54	57.30	58.71	64.10	72.10	81.75	87.97	91.95	86.34	80.14	69.53	62.17	56.72			
24261		3.58	3.14	2.76	2.57	2.58	2.65	2.61	2.81	3.09	3.04	3.12	2.93	2.93	2.87	3.05	4.65	5.13	5.83	6.41	5.12	4.25	3.06	2.62	2.91			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	-0.72	-1.23	-1.16	-0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS		49.56	44.68	39.75	39.74	38.76	38.66	38.61	40.70	42.64	47.16	49.11	51.99	53.78	56.35	63.18	70.82	80.75	87.48	92.55	87.72	81.96	71.39	63.54	57.31			
24011		3.11	2.77	2.50	2.50	2.40	2.39	2.32	2.27	2.45	2.04	1.68	1.70	1.60	1.87	2.14	3.37	4.14	5.34	7.01	6.50	6.07	4.92	3.99	3.50			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.64	1.09	1.03	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY		49.88	44.93	39.93	39.96	38.98	38.85	38.79	40.90	42.88	47.39	49.26	52.26	54.06	56.64	63.55	71.22	81.29	88.30	93.57	88.61	82.80	72.05	64.07	57.74			
23798		3.44	3.02	2.68	2.72	2.62	2.58	2.50	2.46	2.69	2.27	1.83	1.95	1.86	2.15	2.50	3.77	4.67	6.16	8.04	7.39	6.91	5.58	4.52	3.93			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.63	1.08	1.02	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS		49.56	44.68	39.75	39.74	38.76	38.66	38.61	40.70	42.64	47.16	49.11	51.99	53.78	56.35	63.18	70.82	80.75	87.48	92.55	87.72	81.96	71.39	63.54	57.31			
24028		3.11	2.77	2.50	2.50	2.40	2.39	2.32	2.27	2.45	2.04	1.68	1.70	1.60	1.87	2.14	3.37	4.14	5.34	7.01	6.50	6.07	4.92	3.99	3.50			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.64	1.09	1.03	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM		48.58	43.84	39.04	39.03	38.14	38.01	37.99	40.17	41.88	46.05	47.79	50.08	51.92	54.74	62.51	70.01	79.68	86.33	90.15	85.28	79.31	69.20	61.33	55.75			
23527		2.14	1.93	1.79	1.79	1.78	1.74	1.71	1.73	1.69	1.27	1.15	1.13	1.01	1.04	1.46	2.56	3.07	4.19	4.62	4.06	3.42	2.73	1.78	1.93			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	1.43	2.43	2.30	1.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP		46.72	42.17	37.58	37.65	36.84	36.78	36.72	38.82	40.43	44.80	47.06	49.87	51.67	53.93	60.37	67.38	76.61	82.55	86.22	81.55	75.89	66.34	59.13	53.60			
24190		0.28	0.25	0.34	0.41	0.47	0.51	0.44	0.38	0.24	-0.36	-0.48	-0.62	-0.69	-0.66	-0.67	-0.07	0.00	0.41	0.68	0.32	0.00	-0.13	-0.42	-0.22			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.53	0.90	0.85	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK		45.75	41.24	36.69	36.68	35.78	35.65	35.67	37.82	39.46	45.21	47.83	51.13	52.89	54.74	60.68	66.30	75.39	80.41	83.05	79.68	74.83	65.74	59.25	53.12			
355683		-0.70	-0.67	-0.56	-0.56	-0.58	-0.62	-0.62	-0.61	-0.72	-0.18	-0.24	-0.26	-0.32	-0.39	-0.37	-1.15	-1.23	-1.72	-2.48	-1.54	-1.06	-0.73	-0.30	-0.70			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR		47.00	42.38	37.73	37.91	37.02	36.92	36.86	38.84	39.93	43.14	44.76	46.83	48.11	49.71	54.24	59.35	66.08	82.70	86.56	81.87	76.35	66.74	59.55	53.98			
323833		0.56	0.46	0.48	0.67	0.66	0.65	0.58	0.42	0.20	-0.36	-0.57	-0.77	-0.85	-0.77	-0.73	-0.07	0.08	0.58	1.03	0.65	0.46	0.27	0.00	0.16			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.46	1.88	2.73	3.78	4.25	4.64	6.08	8.02	10.61	0.02	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR		46.96	42.33	37.70	37.87	37.02	36.92	36.86	38.80	39.93	43.10	44.77	46.83	48.06	49.71	54.24	59.29	66.01	82.70	86.48	81.87	76.27	66.67	59.49	53.98			
323834		0.51	0.42	0.45	0.63	0.66	0.65	0.58	0.38	0.20	-0.41	-0.57	-0.77	-0.90	-0.77	-0.73	-0.13	0.00	0.58	0.94	0.65	0.38	0.20	-0.06	0.16			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.46	1.88	2.73	3.78	4.25	4.64	6.08	8.02	10.60	0.02	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY___1		46.72	42.17	37.58	37.65	36.84	36.78	36.72	38.82	40.43	44.80	47.06	49.87	51.67	53.93	60.37	67.38	76.61	82.55	86.22	81.55	75.89	66.34	59.13	53.60			
23571		0.28	0.25	0.34	0.41	0.47	0.51	0.44	0.38	0.24	-0.36	-0.48	-0.62	-0.69	-0.66	-0.67	-0.07	0.00	0.41	0.68	0.32	0.00	-0.13	-0.42	-0.22			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.53	0.90	0.85	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

ALBANY___2 23572	46.72 0.28 0.00	42.17 0.25 0.00	37.58 0.34 0.00	37.65 0.41 0.00	36.84 0.47 0.00	36.78 0.51 0.00	36.72 0.44 0.00	38.82 0.38 0.00	40.43 0.24 0.00	44.80 -0.36 0.23	47.06 -0.48 0.53	49.87 -0.62 0.90	51.67 -0.69 0.85	53.93 -0.66 0.53	60.37 -0.67 0.00	67.38 -0.07 0.00	76.61 0.00 0.00	82.55 0.41 0.00	86.22 0.68 0.00	81.55 0.32 0.00	75.89 0.00 0.00	66.34 -0.13 0.00	59.13 -0.42 0.00	53.60 -0.22 0.00
ALBANY___3 23573	46.72 0.28 0.00	42.17 0.25 0.00	37.58 0.34 0.00	37.65 0.41 0.00	36.84 0.47 0.00	36.78 0.51 0.00	36.72 0.44 0.00	38.82 0.38 0.00	40.43 0.24 0.00	44.80 -0.36 0.23	47.06 -0.48 0.53	49.87 -0.62 0.90	51.67 -0.69 0.85	53.93 -0.66 0.53	60.37 -0.67 0.00	67.38 -0.07 0.00	76.61 0.00 0.00	82.55 0.41 0.00	86.22 0.68 0.00	81.55 0.32 0.00	75.89 0.00 0.00	66.34 -0.13 0.00	59.13 -0.42 0.00	53.60 -0.22 0.00
ALBANY___4 23574	46.72 0.28 0.00	42.17 0.25 0.00	37.58 0.34 0.00	37.65 0.41 0.00	36.84 0.47 0.00	36.78 0.51 0.00	36.72 0.44 0.00	38.82 0.38 0.00	40.43 0.24 0.00	44.80 -0.36 0.23	47.06 -0.48 0.53	49.87 -0.62 0.90	51.67 -0.69 0.85	53.93 -0.66 0.53	60.37 -0.67 0.00	67.38 -0.07 0.00	76.61 0.00 0.00	82.55 0.41 0.00	86.22 0.68 0.00	81.55 0.32 0.00	75.89 0.00 0.00	66.34 -0.13 0.00	59.13 -0.42 0.00	53.60 -0.22 0.00
ALBANY___LFGE 323615	47.32 0.88 0.00	42.63 0.71 0.00	37.96 0.71 0.00	38.10 0.86 0.00	37.23 0.87 0.00	37.18 0.91 0.00	37.12 0.84 0.00	39.21 0.77 0.00	40.87 0.68 0.00	45.32 0.18 0.25	47.59 0.10 0.58	50.40 0.00 0.98	52.23 -0.05 0.93	54.60 0.06 0.58	61.23 0.18 0.00	68.39 0.94 0.00	77.76 1.15 0.00	83.94 1.80 0.00	87.67 2.14 0.00	82.85 1.62 0.00	77.10 1.21 0.00	67.27 0.80 0.00	59.97 0.42 0.00	54.41 0.59 0.00
ALCOA_PA_115KV_PL-6C 55860	46.03 -0.42 0.00	41.54 -0.38 0.00	36.95 -0.30 0.00	36.94 -0.30 0.00	36.00 -0.36 0.00	35.91 -0.36 0.00	35.89 -0.40 0.00	38.05 -0.38 0.00	39.67 -0.52 0.00	45.57 0.18 0.00	48.16 0.10 0.00	51.49 0.10 0.00	53.32 0.11 0.00	55.12 0.00 0.00	61.05 0.00 0.00	66.63 -0.81 0.00	75.85 -0.77 0.00	80.91 -1.23 0.00	83.48 -2.05 0.00	80.33 -0.89 0.00	75.44 -0.46 0.00	66.34 -0.13 0.00	59.73 0.18 0.00	53.60 -0.22 0.00
ALCOA_RYNLDS___DRP 24188	46.03 -0.42 0.00	41.54 -0.38 0.00	36.95 -0.30 0.00	36.94 -0.30 0.00	36.00 -0.36 0.00	35.91 -0.36 0.00	35.89 -0.40 0.00	38.05 -0.38 0.00	39.67 -0.52 0.00	45.57 0.18 0.00	48.16 0.10 0.00	51.49 0.10 0.00	53.32 0.11 0.00	55.12 0.00 0.00	61.05 0.00 0.00	66.63 -0.81 0.00	75.85 -0.77 0.00	80.91 -1.23 0.00	83.48 -2.05 0.00	80.33 -0.89 0.00	75.44 -0.46 0.00	66.34 -0.13 0.00	59.73 0.18 0.00	53.60 -0.22 0.00
ALCOA___DSASP 323711	46.02 -0.42 0.00	41.50 -0.42 0.00	36.95 -0.30 0.00	36.94 -0.30 0.00	36.00 -0.36 0.00	35.91 -0.36 0.00	35.89 -0.40 0.00	38.05 -0.38 0.00	39.66 -0.52 0.00	45.57 0.18 0.00	48.16 0.10 0.00	51.49 0.10 0.00	53.32 0.11 0.00	55.23 0.11 0.00	61.05 0.00 0.00	66.64 -0.81 0.00	75.85 -0.77 0.00	80.66 -1.48 0.00	83.05 -2.48 0.00	80.25 -0.97 0.00	75.44 -0.45 0.00	66.34 -0.13 0.00	59.73 0.18 0.00	53.60 -0.21 0.00
ALLEGHENY___COGEN 23514	49.79 3.35 0.00	45.69 3.77 0.00	40.27 3.02 0.00	39.25 2.01 0.00	38.40 2.04 0.00	38.08 1.81 0.00	38.13 1.85 0.00	40.13 1.69 0.00	42.32 2.13 0.00	46.66 1.27 0.00	49.31 1.25 0.00	52.92 1.54 0.00	55.12 1.91 0.00	57.27 2.15 0.00	63.12 2.08 0.00	67.44 0.00 0.00	77.08 0.46 0.00	84.52 2.38 0.00	90.92 5.39 0.00	87.56 6.34 0.00	82.12 6.22 0.00	71.79 5.32 0.00	66.22 6.67 0.00	60.54 6.73 0.00
ALTAMONT_115KV_TB 2 55880	47.37 0.93 0.00	42.80 0.88 0.00	38.07 0.82 0.00	38.17 0.93 0.00	37.31 0.95 0.00	37.21 0.94 0.00	37.19 0.91 0.00	39.32 0.88 0.00	40.94 0.72 -0.03	45.70 0.36 0.05	48.20 0.34 0.21	51.19 0.21 0.40	53.08 0.21 0.34	55.25 0.22 0.10	61.70 0.31 -0.35	68.85 0.94 -0.46	78.37 1.15 -0.61	83.70 1.56 0.00	87.50 1.97 0.00	82.77 1.54 0.00	77.11 1.21 0.00	67.40 0.93 0.00	60.14 0.60 0.00	54.52 0.70 0.00
ALTONA_WT_PWR 323606	45.28 -1.16 0.00	40.74 -1.17 0.00	36.21 -1.04 0.00	36.20 -1.04 0.00	35.27 -1.09 0.00	35.15 -1.12 0.00	35.12 -1.16 0.00	37.32 -1.12 0.00	39.06 -1.13 0.00	44.85 -0.54 0.00	47.25 -0.82 0.00	50.51 -0.87 0.00	52.31 -0.90 0.00	54.18 -0.94 0.00	59.88 -1.16 0.00	65.35 -2.09 0.00	74.47 -2.14 0.00	79.35 -2.79 0.00	82.20 -3.34 0.00	78.79 -2.43 0.00	73.92 -1.97 0.00	64.87 -1.60 0.00	58.36 -1.19 0.00	52.37 -1.45 0.00
AMERICAN_REF_FUEL 24010	46.17 -0.28 0.00	43.22 1.30 0.00	38.22 0.97 0.00	36.31 -0.93 0.00	35.71 -0.65 0.00	35.26 -1.02 0.00	35.59 -0.69 0.00	38.17 -0.27 0.00	42.16 1.97 0.00	46.16 0.77 0.00	49.22 1.15 0.00	53.18 1.80 0.00	55.28 2.07 0.00	56.66 1.54 0.00	61.90 0.85 0.00	67.78 0.34 0.00	76.69 0.08 0.00	82.72 0.58 0.00	87.50 1.97 0.00	82.85 1.62 0.00	77.10 1.21 0.00	67.13 0.66 0.00	60.50 0.95 0.00	56.77 2.96 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	46.54 0.09 0.00	43.34 1.43 0.00	38.41 1.16 0.00	37.09 -0.15 0.00	36.55 0.18 0.00	36.13 -0.14 0.00	36.61 0.33 0.00	39.43 1.00 0.00	43.12 2.93 0.00	47.84 2.45 0.00	51.29 3.22 0.00	55.39 4.01 0.00	57.62 4.41 0.00	59.26 4.14 0.00	64.52 3.48 0.00	70.75 3.30 0.00	80.52 3.91 0.00	87.07 4.93 0.00	92.29 6.76 0.00	87.48 6.25 0.00	81.20 5.31 0.00	70.66 4.19 0.00	63.54 3.99 0.00	58.76 4.95 0.00
ARTHUR KILL_GT_1 23520	50.17 3.72 -0.01	45.28 3.35 -0.01	40.20 2.94 -0.01	40.01 2.76 -0.01	39.17 2.80 -0.01	39.06 2.79 0.00	38.90 2.61 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.28 2.59 -0.31	50.93 2.16 -0.71	50.91 1.80 2.27	51.55 1.76 3.42	51.81 1.82 5.13	57.51 1.83 5.36	62.25 3.51 8.70	70.98 3.98 9.61	81.01 4.60 5.73	85.25 5.13 5.41	79.59 3.82 5.45	73.46 3.04 5.47	62.86 1.93 5.53	52.87 1.43 8.11	51.99 2.10 3.92
ARTHUR_KILL_2 23512	49.98 3.53 -0.01	45.02 3.10 -0.01	39.98 2.72 -0.01	39.89 2.64 -0.01	38.99 2.62 -0.01	38.88 2.61 0.00	38.75 2.47 0.00	40.90 2.46 0.00	42.68 2.49 0.00	48.10 2.40 -0.31	50.60 1.83 -0.71	50.71 1.59 2.27	51.28 1.49 3.42	51.48 1.49 5.13	57.27 1.58 5.36	61.91 3.17 8.70	70.60 3.60 9.61	80.92 4.51 5.73	84.82 4.70 5.41	79.26 3.49 5.45	73.08 2.65 5.47	62.60 1.66 5.53	52.52 1.07 8.11	51.77 1.88 3.92
ARTHUR_KILL_3 23513	49.42 2.98 0.00	44.35 2.43 0.00	39.41 2.16 0.00	39.33 2.08 0.00	38.44 2.07 0.00	38.41 2.14 0.00	38.43 2.14 0.00	40.78 2.34 0.00	42.76 2.57 0.00	48.15 2.45 -0.31	51.09 2.31 -0.71	51.28 2.16 2.26	51.82 2.02 3.41	51.98 1.98 5.12	57.75 2.08 5.37	62.24 3.50 8.71	70.90 3.91 9.62	81.16 4.76 5.74	85.07 4.96 5.42	79.58 3.82 5.46	73.37 2.96 5.48	62.92 1.99 5.54	52.98 1.55 8.11	51.98 2.10 3.93

ARTHUR_KILL_COGEN 323718	50.17 3.72 -0.01	45.15 3.23 -0.01	40.13 2.87 -0.01	40.01 2.76 -0.01	39.13 2.76 -0.01	38.99 2.72 0.00	38.90 2.61 0.00	41.01 2.58 0.00	42.80 2.61 0.00	48.28 2.59 -0.31	50.79 2.02 -0.71	50.91 1.80 2.27	51.49 1.70 3.42	51.75 1.76 5.13	57.51 1.83 5.36	62.25 3.50 8.70	70.98 3.98 9.61	81.33 4.93 5.73	85.25 5.13 5.41	79.67 3.90 5.45	73.46 3.04 5.47	62.86 1.93 5.53	52.81 1.37 8.11	52.05 2.15 3.92
ASHOKAN____ 23654	49.37 2.93 0.00	44.43 2.51 0.00	39.37 2.12 0.00	39.33 2.08 0.00	38.44 2.07 0.00	38.30 2.03 0.00	38.06 1.78 0.00	40.38 1.96 0.02	42.33 2.57 0.43	46.04 2.27 1.61	47.91 2.07 2.22	50.41 2.00 2.98	51.84 2.07 3.44	53.43 2.31 4.00	58.13 2.75 5.67	64.15 4.18 7.48	71.78 5.06 9.89	86.72 4.60 0.02	90.84 5.30 0.00	85.20 3.98 0.00	79.46 3.57 0.00	69.33 2.86 0.00	62.05 2.50 0.00	56.35 2.53 0.00
ASTORIA_EAST_ENERGY_CC1 323581	49.94 3.49 -0.01	44.90 2.98 -0.01	39.90 2.64 -0.01	39.78 2.53 -0.01	38.92 2.54 -0.01	38.85 2.58 -0.01	38.86 2.58 0.00	40.97 2.54 0.00	42.68 2.49 0.00	48.19 2.49 -0.31	51.05 2.26 -0.72	54.72 2.11 -1.23	56.28 1.91 -1.16	57.82 1.98 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	80.89 4.29 0.01	87.39 5.26 0.01	91.08 5.56 0.01	85.52 4.30 0.01	79.30 3.42 0.01	68.85 2.39 0.01	61.40 1.85 0.00	56.41 2.58 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	49.98 3.53 -0.01	44.90 2.98 -0.01	39.90 2.64 -0.01	39.78 2.53 -0.01	38.92 2.54 -0.01	38.85 2.58 -0.01	38.86 2.58 0.00	40.97 2.54 0.00	42.68 2.49 0.00	48.19 2.49 -0.31	51.05 2.26 -0.72	54.72 2.11 -1.23	56.28 1.91 -1.16	57.82 1.98 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	80.89 4.29 0.01	87.39 5.26 0.01	91.08 5.56 0.01	85.52 4.30 0.01	79.30 3.42 0.01	68.85 2.39 0.01	61.40 1.85 0.00	56.41 2.58 -0.01
ASTORIA_GT2_1 24094	49.98 3.53 -0.01	45.07 3.14 -0.01	40.01 2.76 -0.01	39.82 2.57 -0.01	38.95 2.58 -0.01	38.93 2.65 -0.01	38.90 2.61 0.00	40.97 2.54 0.00	42.80 2.61 0.00	48.24 2.54 -0.31	51.24 2.45 -0.72	54.77 2.16 -1.23	56.39 2.02 -1.16	57.94 2.09 -0.72	63.36 2.32 0.01	71.35 3.91 0.01	80.97 4.37 0.01	87.14 5.01 0.01	91.00 5.47 0.01	85.44 4.22 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.51 1.97 0.00	56.41 2.58 -0.01
ASTORIA_GT2_2 24095	49.98 3.53 -0.01	45.07 3.14 -0.01	40.01 2.76 -0.01	39.82 2.57 -0.01	38.95 2.58 -0.01	38.93 2.65 -0.01	38.90 2.61 0.00	40.97 2.54 0.00	42.80 2.61 0.00	48.24 2.54 -0.31	51.24 2.45 -0.72	54.77 2.16 -1.23	56.39 2.02 -1.16	57.94 2.09 -0.72	63.36 2.32 0.01	71.35 3.91 0.01	80.97 4.37 0.01	87.14 5.01 0.01	91.00 5.47 0.01	85.44 4.22 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.51 1.97 0.00	56.41 2.58 -0.01
ASTORIA_GT2_3 24096	49.98 3.53 -0.01	45.07 3.14 -0.01	40.01 2.76 -0.01	39.82 2.57 -0.01	38.95 2.58 -0.01	38.93 2.65 -0.01	38.90 2.61 0.00	40.97 2.54 0.00	42.80 2.61 0.00	48.24 2.54 -0.31	51.24 2.45 -0.72	54.77 2.16 -1.23	56.39 2.02 -1.16	57.94 2.09 -0.72	63.36 2.32 0.01	71.35 3.91 0.01	80.97 4.37 0.01	87.14 5.01 0.01	91.00 5.47 0.01	85.44 4.22 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.51 1.97 0.00	56.41 2.58 -0.01
ASTORIA_GT2_4 24097	49.98 3.53 -0.01	45.07 3.14 -0.01	40.01 2.76 -0.01	39.82 2.57 -0.01	38.95 2.58 -0.01	38.93 2.65 -0.01	38.90 2.61 0.00	40.97 2.54 0.00	42.80 2.61 0.00	48.24 2.54 -0.31	51.24 2.45 -0.72	54.77 2.16 -1.23	56.39 2.02 -1.16	57.94 2.09 -0.72	63.36 2.32 0.01	71.35 3.91 0.01	80.97 4.37 0.01	87.14 5.01 0.01	91.00 5.47 0.01	85.44 4.22 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.51 1.97 0.00	56.41 2.58 -0.01
ASTORIA_GT3_1 24098	49.98 3.53 -0.01	45.07 3.14 -0.01	40.01 2.76 -0.01	39.82 2.57 -0.01	38.95 2.58 -0.01	38.93 2.65 -0.01	38.90 2.61 0.00	40.97 2.54 0.00	42.80 2.61 0.00	48.24 2.54 -0.31	51.24 2.45 -0.72	54.77 2.16 -1.23	56.39 2.02 -1.16	57.94 2.09 -0.72	63.36 2.32 0.01	71.35 3.91 0.01	80.97 4.37 0.01	87.14 5.01 0.01	91.00 5.47 0.01	85.44 4.22 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.51 1.97 0.00	56.41 2.58 -0.01
ASTORIA_GT3_2 24099	49.98 3.53 -0.01	45.07 3.14 -0.01	40.01 2.76 -0.01	39.82 2.57 -0.01	38.95 2.58 -0.01	38.93 2.65 -0.01	38.90 2.61 0.00	40.97 2.54 0.00	42.80 2.61 0.00	48.24 2.54 -0.31	51.24 2.45 -0.72	54.77 2.16 -1.23	56.39 2.02 -1.16	57.94 2.09 -0.72	63.36 2.32 0.01	71.35 3.91 0.01	80.97 4.37 0.01	87.14 5.01 0.01	91.00 5.47 0.01	85.44 4.22 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.51 1.97 0.00	56.41 2.58 -0.01
ASTORIA_GT3_3 24100	49.98 3.53 -0.01	45.07 3.14 -0.01	40.01 2.76 -0.01	39.82 2.57 -0.01	38.95 2.58 -0.01	38.93 2.65 -0.01	38.90 2.61 0.00	40.97 2.54 0.00	42.80 2.61 0.00	48.24 2.54 -0.31	51.24 2.45 -0.72	54.77 2.16 -1.23	56.39 2.02 -1.16	57.94 2.09 -0.72	63.36 2.32 0.01	71.35 3.91 0.01	80.97 4.37 0.01	87.14 5.01 0.01	91.00 5.47 0.01	85.44 4.22 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.51 1.97 0.00	56.41 2.58 -0.01
ASTORIA_GT3_4 24101	49.98 3.53 -0.01	45.07 3.14 -0.01	40.01 2.76 -0.01	39.82 2.57 -0.01	38.95 2.58 -0.01	38.93 2.65 -0.01	38.90 2.61 0.00	40.97 2.54 0.00	42.80 2.61 0.00	48.24 2.54 -0.31	51.24 2.45 -0.72	54.77 2.16 -1.23	56.39 2.02 -1.16	57.94 2.09 -0.72	63.36 2.32 0.01	71.35 3.91 0.01	80.97 4.37 0.01	87.14 5.01 0.01	91.00 5.47 0.01	85.44 4.22 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.51 1.97 0.00	56.41 2.58 -0.01
ASTORIA_GT4_1 24102	49.98 3.53 -0.01	45.07 3.14 -0.01	40.01 2.76 -0.01	39.82 2.57 -0.01	38.95 2.58 -0.01	38.93 2.65 -0.01	38.90 2.61 0.00	40.97 2.54 0.00	42.80 2.61 0.00	48.24 2.54 -0.31	51.24 2.45 -0.72	54.77 2.16 -1.23	56.39 2.02 -1.16	57.94 2.09 -0.72	63.36 2.32 0.01	71.35 3.91 0.01	80.97 4.37 0.01	87.14 5.01 0.01	91.00 5.47 0.01	85.44 4.22 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.51 1.97 0.00	56.41 2.58 -0.01
ASTORIA_GT4_2 24103	49.98 3.53 -0.01	45.07 3.14 -0.01	40.01 2.76 -0.01	39.82 2.57 -0.01	38.95 2.58 -0.01	38.93 2.65 -0.01	38.90 2.61 0.00	40.97 2.54 0.00	42.80 2.61 0.00	48.24 2.54 -0.31	51.24 2.45 -0.72	54.77 2.16 -1.23	56.39 2.02 -1.16	57.94 2.09 -0.72	63.36 2.32 0.01	71.35 3.91 0.01	80.97 4.37 0.01	87.14 5.01 0.01	91.00 5.47 0.01	85.44 4.22 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.51 1.97 0.00	56.41 2.58 -0.01
ASTORIA_GT4_3 24104	49.98 3.53 -0.01	45.07 3.14 -0.01	40.01 2.76 -0.01	39.82 2.57 -0.01	38.95 2.58 -0.01	38.93 2.65 -0.01	38.90 2.61 0.00	40.97 2.54 0.00	42.80 2.61 0.00	48.24 2.54 -0.31	51.24 2.45 -0.72	54.77 2.16 -1.23	56.39 2.02 -1.16	57.94 2.09 -0.72	63.36 2.32 0.01	71.35 3.91 0.01	80.97 4.37 0.01	87.14 5.01 0.01	91.00 5.47 0.01	85.44 4.22 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.51 1.97 0.00	56.41 2.58 -0.01

ASTORIA_GT4_4 24105	49.98 3.53 -0.01	45.07 3.14 -0.01	40.01 2.76 -0.01	39.82 2.57 -0.01	38.95 2.58 -0.01	38.93 2.65 -0.01	38.90 2.61 0.00	40.97 2.54 0.00	42.80 2.61 0.00	48.24 2.54 -0.31	51.24 2.45 -0.72	54.77 2.16 -1.23	56.39 2.02 -1.16	57.94 2.09 -0.72	63.36 2.32 0.01	71.35 3.91 0.01	80.97 4.37 0.01	87.14 5.01 0.01	91.00 5.47 0.01	85.44 4.22 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.51 1.97 0.00	56.41 2.58 -0.01
ASTORIA_GT_1 23523	50.07 3.62 -0.01	45.15 3.23 -0.01	40.09 2.83 -0.01	39.86 2.61 -0.01	39.03 2.65 -0.01	39.00 2.72 -0.01	38.97 2.69 0.00	41.05 2.61 0.00	42.88 2.69 0.00	48.33 2.63 -0.31	51.34 2.55 -0.72	54.92 2.31 -1.23	56.50 2.13 -1.16	58.05 2.20 -0.72	63.48 2.44 0.01	71.55 4.11 0.01	81.20 4.60 0.01	87.31 5.17 0.01	91.26 5.73 0.01	85.68 4.47 0.01	79.60 3.72 0.01	69.05 2.59 0.01	61.69 2.14 0.00	56.57 2.74 -0.01
ASTORIA_GT_10 24110	49.83 3.39 0.00	44.89 2.98 0.00	39.86 2.61 0.00	39.66 2.42 0.00	38.84 2.47 0.00	38.81 2.54 0.00	38.75 2.47 0.00	40.94 2.50 0.00	42.84 2.65 0.00	48.28 2.59 -0.31	51.34 2.55 -0.72	54.87 2.26 -1.23	56.55 2.18 -1.16	57.99 2.15 -0.72	63.24 2.20 0.01	71.08 3.64 0.01	80.67 4.06 0.01	86.73 4.60 0.01	90.66 5.13 0.01	85.11 3.90 0.01	79.07 3.19 0.01	68.59 2.13 0.01	61.40 1.85 0.00	56.24 2.42 0.00
ASTORIA_GT_11 24225	49.83 3.39 0.00	44.89 2.98 0.00	39.86 2.61 0.00	39.66 2.42 0.00	38.84 2.47 0.00	38.81 2.54 0.00	38.75 2.47 0.00	40.94 2.50 0.00	42.84 2.65 0.00	48.28 2.59 -0.31	51.34 2.55 -0.72	54.87 2.26 -1.23	56.55 2.18 -1.16	57.99 2.15 -0.72	63.24 2.20 0.01	71.08 3.64 0.01	80.67 4.06 0.01	86.73 4.60 0.01	90.66 5.13 0.01	85.11 3.90 0.01	79.07 3.19 0.01	68.59 2.13 0.01	61.40 1.85 0.00	56.24 2.42 0.00
ASTORIA_GT_12 24226	49.83 3.39 0.00	44.89 2.98 0.00	39.86 2.61 0.00	39.66 2.42 0.00	38.84 2.47 0.00	38.81 2.54 0.00	38.75 2.47 0.00	40.94 2.50 0.00	42.84 2.65 0.00	48.28 2.59 -0.31	51.34 2.55 -0.72	54.87 2.26 -1.23	56.55 2.18 -1.16	57.99 2.15 -0.72	63.24 2.20 0.01	71.08 3.64 0.01	80.67 4.06 0.01	86.73 4.60 0.01	90.66 5.13 0.01	85.11 3.90 0.01	79.07 3.19 0.01	68.59 2.13 0.01	61.40 1.85 0.00	56.24 2.42 0.00
ASTORIA_GT_13 24227	49.83 3.39 0.00	44.89 2.98 0.00	39.86 2.61 0.00	39.66 2.42 0.00	38.84 2.47 0.00	38.81 2.54 0.00	38.75 2.47 0.00	40.94 2.50 0.00	42.84 2.65 0.00	48.28 2.59 -0.31	51.34 2.55 -0.72	54.87 2.26 -1.23	56.55 2.18 -1.16	57.99 2.15 -0.72	63.24 2.20 0.01	71.08 3.64 0.01	80.67 4.06 0.01	86.73 4.60 0.01	90.66 5.13 0.01	85.11 3.90 0.01	79.07 3.19 0.01	68.59 2.13 0.01	61.40 1.85 0.00	56.24 2.42 0.00
ASTORIA_GT_5 24106	50.07 3.62 -0.01	45.15 3.23 -0.01	40.09 2.83 -0.01	39.86 2.61 -0.01	39.03 2.65 -0.01	39.00 2.72 -0.01	38.97 2.69 0.00	41.05 2.61 0.00	42.88 2.69 0.00	48.33 2.63 -0.31	51.34 2.55 -0.72	54.92 2.31 -1.23	56.50 2.13 -1.16	58.05 2.20 -0.72	63.48 2.44 0.01	71.55 4.11 0.01	81.20 4.60 0.01	87.31 5.17 0.01	91.26 5.73 0.01	85.68 4.47 0.01	79.60 3.72 0.01	69.05 2.59 0.01	61.69 2.14 0.00	56.57 2.74 -0.01
ASTORIA_GT_7 24107	50.07 3.62 -0.01	45.15 3.23 -0.01	40.09 2.83 -0.01	39.86 2.61 -0.01	39.03 2.65 -0.01	39.00 2.72 -0.01	38.97 2.69 0.00	41.05 2.61 0.00	42.88 2.69 0.00	48.33 2.63 -0.31	51.34 2.55 -0.72	54.92 2.31 -1.23	56.50 2.13 -1.16	58.05 2.20 -0.72	63.48 2.44 0.01	71.55 4.11 0.01	81.20 4.60 0.01	87.31 5.17 0.01	91.26 5.73 0.01	85.68 4.47 0.01	79.60 3.72 0.01	69.05 2.59 0.01	61.69 2.14 0.00	56.57 2.74 -0.01
ASTORIA_GT_8 24108	50.07 3.62 -0.01	45.15 3.23 -0.01	40.09 2.83 -0.01	39.86 2.61 -0.01	39.03 2.65 -0.01	39.00 2.72 -0.01	38.97 2.69 0.00	41.05 2.61 0.00	42.88 2.69 0.00	48.33 2.63 -0.31	51.34 2.55 -0.72	54.92 2.31 -1.23	56.50 2.13 -1.16	58.05 2.20 -0.72	63.48 2.44 0.01	71.55 4.11 0.01	81.20 4.60 0.01	87.31 5.17 0.01	91.26 5.73 0.01	85.68 4.47 0.01	79.60 3.72 0.01	69.05 2.59 0.01	61.69 2.14 0.00	56.57 2.74 -0.01
ASTORIA___2 24149	49.98 3.53 -0.01	44.94 3.02 -0.01	39.90 2.64 -0.01	39.82 2.57 -0.01	38.92 2.54 -0.01	38.89 2.61 -0.01	38.86 2.58 0.00	40.97 2.54 0.00	42.72 2.53 0.00	48.24 2.54 -0.31	51.09 2.31 -0.72	54.77 2.16 -1.23	56.28 1.91 -1.16	57.88 2.04 -0.72	63.36 2.32 0.01	71.28 3.84 0.01	80.97 4.36 0.01	87.47 5.34 0.01	91.08 5.56 0.01	85.52 4.30 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.40 1.85 0.00	56.46 2.64 -0.01
ASTORIA___3 23516	49.83 3.39 0.00	44.77 2.85 0.00	39.78 2.53 0.00	39.66 2.42 0.00	38.80 2.44 0.00	38.74 2.47 0.00	38.72 2.43 0.00	40.93 2.50 0.00	42.80 2.61 0.00	48.28 2.59 -0.31	51.19 2.40 -0.72	54.87 2.26 -1.23	56.50 2.13 -1.16	57.94 2.09 -0.72	63.23 2.19 0.01	71.07 3.64 0.01	80.66 4.06 0.01	87.14 5.01 0.01	90.74 5.22 0.01	85.19 3.98 0.01	79.07 3.19 0.01	68.59 2.13 0.01	61.28 1.73 0.00	56.29 2.48 0.00
ASTORIA___4 23517	49.83 3.39 0.00	44.89 2.98 0.00	39.86 2.61 0.00	39.66 2.42 0.00	38.84 2.47 0.00	38.81 2.54 0.00	38.75 2.47 0.00	40.94 2.50 0.00	42.84 2.65 0.00	48.28 2.59 -0.31	51.34 2.55 -0.72	54.87 2.26 -1.23	56.55 2.18 -1.16	57.99 2.15 -0.72	63.24 2.20 0.01	71.08 3.64 0.01	80.67 4.06 0.01	86.73 4.60 0.01	90.66 5.13 0.01	85.11 3.90 0.01	79.07 3.19 0.01	68.59 2.13 0.01	61.40 1.85 0.00	56.24 2.42 0.00
ASTORIA___5 23518	49.83 3.39 0.00	44.77 2.85 0.00	39.78 2.53 0.00	39.66 2.42 0.00	38.80 2.44 0.00	38.74 2.47 0.00	38.72 2.43 0.00	40.93 2.50 0.00	42.80 2.61 0.00	48.28 2.59 -0.31	51.19 2.40 -0.72	54.87 2.26 -1.23	56.50 2.13 -1.16	57.94 2.09 -0.72	63.23 2.19 0.01	71.07 3.64 0.01	80.66 4.06 0.01	87.14 5.01 0.01	90.74 5.22 0.01	85.19 3.98 0.01	79.07 3.19 0.01	68.59 2.13 0.01	61.28 1.73 0.00	56.29 2.48 0.00
AST_ENERGY_2_CC3 323677	40.32 3.16 9.29	37.33 2.64 7.23	37.33 2.35 2.27	37.33 2.23 2.15	37.33 2.26 1.29	37.33 2.29 1.23	37.33 2.29 1.24	37.33 2.46 3.57	37.33 2.69 5.55	37.33 2.63 10.69	37.72 2.55 12.89	37.72 2.42 16.08	37.72 2.29 17.78	37.72 2.26 19.66	44.09 2.44 19.40	48.51 3.84 22.78	57.16 4.29 23.74	67.50 5.26 19.90	71.41 5.48 19.60	65.84 4.22 19.60	59.71 3.42 19.60	49.26 2.39 19.60	38.30 1.91 23.15	37.72 2.42 18.52
AST_ENERGY_2_CC4 323678	40.32 3.16 9.29	37.33 2.64 7.23	37.33 2.35 2.27	37.33 2.23 2.15	37.33 2.26 1.29	37.33 2.29 1.23	37.33 2.29 1.24	37.33 2.46 3.57	37.33 2.69 5.55	37.33 2.63 10.69	37.72 2.55 12.89	37.72 2.42 16.08	37.72 2.29 17.78	37.72 2.26 19.66	44.09 2.44 19.40	48.51 3.84 22.78	57.16 4.29 23.74	67.50 5.26 19.90	71.41 5.48 19.60	65.84 4.22 19.60	59.71 3.42 19.60	49.26 2.39 19.60	38.30 1.91 23.15	37.72 2.42 18.52

ATHENS_STG_1 23668	47.84 1.39 0.00	43.09 1.17 0.00	38.33 1.08 0.00	38.51 1.27 0.00	37.64 1.27 0.00	37.57 1.30 0.00	37.55 1.27 0.00	39.74 1.31 0.00	41.31 1.12 0.00	46.42 0.91 -0.13	49.18 0.82 -0.29	52.60 0.72 -0.50	54.37 0.69 -0.47	56.08 0.66 -0.29	61.84 0.79 0.00	69.13 1.69 0.00	78.45 1.84 0.00	84.60 2.46 0.00	88.27 2.74 0.00	83.25 2.03 0.00	77.49 1.60 0.00	67.67 1.20 0.00	60.32 0.77 0.00	54.84 1.02 0.00
ATHENS_STG_2 23670	47.84 1.39 0.00	43.09 1.17 0.00	38.33 1.08 0.00	38.51 1.27 0.00	37.64 1.27 0.00	37.57 1.30 0.00	37.55 1.27 0.00	39.74 1.31 0.00	41.31 1.12 0.00	46.42 0.91 -0.13	49.18 0.82 -0.29	52.60 0.72 -0.50	54.37 0.69 -0.47	56.08 0.66 -0.29	61.84 0.79 0.00	69.13 1.69 0.00	78.45 1.84 0.00	84.60 2.46 0.00	88.27 2.74 0.00	83.25 2.03 0.00	77.49 1.60 0.00	67.67 1.20 0.00	60.32 0.77 0.00	54.84 1.02 0.00
ATHENS_STG_3 23677	47.84 1.39 0.00	43.09 1.17 0.00	38.33 1.08 0.00	38.51 1.27 0.00	37.64 1.27 0.00	37.57 1.30 0.00	37.55 1.27 0.00	39.74 1.31 0.00	41.31 1.12 0.00	46.42 0.91 -0.13	49.18 0.82 -0.29	52.60 0.72 -0.50	54.37 0.69 -0.47	56.08 0.66 -0.29	61.84 0.79 0.00	69.13 1.69 0.00	78.45 1.84 0.00	84.60 2.46 0.00	88.27 2.74 0.00	83.25 2.03 0.00	77.49 1.60 0.00	67.67 1.20 0.00	60.32 0.77 0.00	54.84 1.02 0.00
AUBURN___LFGE 323710	47.28 0.84 0.00	42.75 0.80 -0.03	37.85 0.60 0.00	37.69 0.45 0.00	36.80 0.44 0.00	36.60 0.33 0.00	36.65 0.36 0.00	38.86 0.42 0.00	41.03 0.84 0.00	46.07 0.68 0.00	48.98 0.91 0.00	52.51 1.13 0.00	54.49 1.28 0.00	56.66 1.54 0.00	62.63 1.59 0.00	69.26 1.82 0.00	78.68 2.07 0.00	84.85 2.71 0.00	89.13 3.59 0.00	84.31 3.09 0.00	78.47 2.58 0.00	68.53 2.06 0.00	61.44 1.55 -0.35	55.86 1.72 -0.33
BABYLON_RES_REC 323704	50.53 4.09 0.00	45.48 3.56 0.00	40.49 3.24 0.00	40.04 2.79 0.00	39.02 2.65 0.00	39.14 2.86 0.00	38.86 2.58 0.00	41.13 2.69 0.00	43.48 3.30 0.00	49.01 3.31 -0.31	51.72 2.93 -0.72	54.41 1.80 -1.23	55.91 1.54 -1.15	57.45 1.65 -0.67	62.53 1.71 0.22	70.81 3.37 0.00	80.25 3.75 0.11	87.32 5.18 0.00	91.01 5.48 0.00	84.79 3.57 0.01	75.97 2.73 2.65	68.23 1.93 0.17	58.42 1.19 2.32	55.32 1.50 0.00
BALL_HILL_WT_PWR 323825	46.77 0.33 0.00	43.59 1.68 0.00	38.55 1.30 0.00	37.17 -0.07 0.00	36.55 0.18 0.00	36.13 -0.14 0.00	36.50 0.22 0.00	39.25 0.81 0.00	42.76 2.57 0.00	47.34 1.95 0.00	50.71 2.64 0.00	54.77 3.39 0.00	56.99 3.78 0.00	58.54 3.42 0.00	63.92 2.87 0.00	70.01 2.56 0.00	79.37 2.75 0.00	85.84 3.70 0.00	90.84 5.30 0.00	86.01 4.79 0.00	80.06 4.17 0.00	69.66 3.19 0.00	62.64 3.09 0.00	58.07 4.25 0.00
BARON_WINDS___WT_PWR 323822	47.14 0.70 0.00	43.30 1.38 0.00	38.22 0.97 0.00	37.43 0.19 0.00	36.73 0.36 0.00	36.38 0.11 0.00	36.68 0.40 0.00	39.01 0.58 0.00	41.68 1.49 0.00	46.34 0.95 0.00	49.41 1.34 0.00	53.18 1.80 0.00	55.23 2.02 0.00	57.27 2.15 0.00	62.94 1.89 0.00	69.26 1.82 0.00	78.60 1.99 0.00	85.18 3.04 0.00	90.15 4.62 0.00	85.53 4.30 0.00	79.84 3.94 0.00	69.59 3.12 0.00	62.47 2.92 0.00	57.26 3.45 0.00
BARRETT_IC_1 23704	50.02 3.58 0.00	45.06 3.15 0.00	40.16 2.91 0.00	39.78 2.53 0.00	38.80 2.44 0.00	38.88 2.61 0.00	38.68 2.39 0.00	40.93 2.50 0.00	43.20 3.02 0.00	48.60 2.91 -0.31	51.38 2.59 -0.72	54.30 1.69 -1.23	55.74 1.38 -1.15	57.33 1.49 -0.72	62.56 1.53 0.01	70.48 3.04 0.00	79.98 3.37 0.00	86.65 4.51 0.00	90.23 4.70 0.00	84.38 3.16 0.01	78.04 2.27 0.13	68.05 1.59 0.01	62.57 1.13 -1.90	55.33 1.50 -0.01
BARRETT_IC_10 23701	50.02 3.58 0.00	45.06 3.15 0.00	40.16 2.91 0.00	39.78 2.53 0.00	38.80 2.44 0.00	38.88 2.61 0.00	38.68 2.39 0.00	40.93 2.50 0.00	43.20 3.02 0.00	48.60 2.91 -0.31	51.38 2.59 -0.72	54.30 1.69 -1.23	55.74 1.38 -1.15	57.33 1.49 -0.72	62.56 1.53 0.01	70.48 3.04 0.00	79.98 3.37 0.00	86.65 4.51 0.00	90.23 4.70 0.00	84.38 3.16 0.01	78.04 2.27 0.13	68.05 1.59 0.01	62.57 1.13 -1.90	55.33 1.50 -0.01
BARRETT_IC_11 23702	50.02 3.58 0.00	45.06 3.15 0.00	40.16 2.91 0.00	39.78 2.53 0.00	38.80 2.44 0.00	38.88 2.61 0.00	38.68 2.39 0.00	40.93 2.50 0.00	43.20 3.02 0.00	48.60 2.91 -0.31	51.38 2.59 -0.72	54.30 1.69 -1.23	55.74 1.38 -1.15	57.33 1.49 -0.72	62.56 1.53 0.01	70.48 3.04 0.00	79.98 3.37 0.00	86.65 4.51 0.00	90.23 4.70 0.00	84.38 3.16 0.01	78.04 2.27 0.13	68.05 1.59 0.01	62.57 1.13 -1.90	55.33 1.50 -0.01
BARRETT_IC_12 23703	50.02 3.58 0.00	45.06 3.15 0.00	40.16 2.91 0.00	39.78 2.53 0.00	38.80 2.44 0.00	38.88 2.61 0.00	38.68 2.39 0.00	40.93 2.50 0.00	43.20 3.02 0.00	48.60 2.91 -0.31	51.38 2.59 -0.72	54.30 1.69 -1.23	55.74 1.38 -1.15	57.33 1.49 -0.72	62.56 1.53 0.01	70.48 3.04 0.00	79.98 3.37 0.00	86.65 4.51 0.00	90.23 4.70 0.00	84.38 3.16 0.01	78.04 2.27 0.13	68.05 1.59 0.01	62.57 1.13 -1.90	55.33 1.50 -0.01
BARRETT_IC_2 23705	50.02 3.58 0.00	45.06 3.15 0.00	40.16 2.91 0.00	39.78 2.53 0.00	38.80 2.44 0.00	38.88 2.61 0.00	38.68 2.39 0.00	40.93 2.50 0.00	43.20 3.02 0.00	48.60 2.91 -0.31	51.38 2.59 -0.72	54.30 1.69 -1.23	55.74 1.38 -1.15	57.33 1.49 -0.72	62.56 1.53 0.01	70.48 3.04 0.00	79.98 3.37 0.00	86.65 4.51 0.00	90.23 4.70 0.00	84.38 3.16 0.01	78.04 2.27 0.13	68.05 1.59 0.01	62.57 1.13 -1.90	55.33 1.50 -0.01
BARRETT_IC_3 23706	50.02 3.58 0.00	45.06 3.15 0.00	40.16 2.91 0.00	39.78 2.53 0.00	38.80 2.44 0.00	38.88 2.61 0.00	38.68 2.39 0.00	40.93 2.50 0.00	43.20 3.02 0.00	48.60 2.91 -0.31	51.38 2.59 -0.72	54.30 1.69 -1.23	55.74 1.38 -1.15	57.33 1.49 -0.72	62.56 1.53 0.01	70.48 3.04 0.00	79.98 3.37 0.00	86.65 4.51 0.00	90.23 4.70 0.00	84.38 3.16 0.01	78.04 2.27 0.13	68.05 1.59 0.01	62.57 1.13 -1.90	55.33 1.50 -0.01
BARRETT_IC_4 23707	50.02 3.58 0.00	45.06 3.15 0.00	40.16 2.91 0.00	39.78 2.53 0.00	38.80 2.44 0.00	38.88 2.61 0.00	38.68 2.39 0.00	40.93 2.50 0.00	43.20 3.02 0.00	48.60 2.91 -0.31	51.38 2.59 -0.72	54.30 1.69 -1.23	55.74 1.38 -1.15	57.33 1.49 -0.72	62.56 1.53 0.01	70.48 3.04 0.00	79.98 3.37 0.00	86.65 4.51 0.00	90.23 4.70 0.00	84.38 3.16 0.01	78.04 2.27 0.13	68.05 1.59 0.01	62.57 1.13 -1.90	55.33 1.50 -0.01
BARRETT_IC_5 23708	50.02 3.58 0.00	45.06 3.15 0.00	40.16 2.91 0.00	39.78 2.53 0.00	38.80 2.44 0.00	38.88 2.61 0.00	38.68 2.39 0.00	40.93 2.50 0.00	43.20 3.02 0.00	48.60 2.91 -0.31	51.38 2.59 -0.72	54.30 1.69 -1.23	55.74 1.38 -1.15	57.33 1.49 -0.72	62.56 1.53 0.01	70.48 3.04 0.00	79.98 3.37 0.00	86.65 4.51 0.00	90.23 4.70 0.00	84.38 3.16 0.01	78.04 2.27 0.13	68.05 1.59 0.01	62.57 1.13 -1.90	55.33 1.50 -0.01

BARRETT_IC_6 23709	50.02 3.58 0.00	45.06 3.15 0.00	40.16 2.91 0.00	39.78 2.53 0.00	38.80 2.44 0.00	38.88 2.61 0.00	38.68 2.39 0.00	40.93 2.50 0.00	43.20 3.02 0.00	48.60 2.91 -0.31	51.38 2.59 -0.72	54.30 1.69 -1.23	55.74 1.38 -1.15	57.33 1.49 -0.72	62.56 1.53 0.01	70.48 3.04 0.00	79.98 3.37 0.00	86.65 4.51 0.00	90.23 4.70 0.00	84.38 3.16 0.01	78.04 2.27 0.13	68.05 1.59 0.01	62.57 1.13 -1.90	55.33 1.50 -0.01
BARRETT_IC_7 23710	50.02 3.58 0.00	45.35 3.44 0.00	40.23 2.98 0.00	39.77 2.53 0.00	38.84 2.47 0.00	38.92 2.65 0.00	38.79 2.50 0.00	40.94 2.50 0.00	43.20 3.01 0.00	48.60 2.90 -0.31	51.77 2.98 -0.72	54.72 2.11 -1.23	56.17 1.81 -1.15	57.33 1.49 -0.72	62.56 1.53 0.01	70.68 3.24 0.00	79.98 3.37 0.00	86.33 4.19 0.00	90.15 4.62 0.00	84.14 2.92 0.01	78.04 2.28 0.13	68.06 1.60 0.01	62.70 1.25 -1.90	56.08 2.26 0.00
BARRETT_IC_8 23711	50.02 3.58 0.00	45.06 3.15 0.00	40.16 2.91 0.00	39.78 2.53 0.00	38.80 2.44 0.00	38.88 2.61 0.00	38.68 2.39 0.00	40.93 2.50 0.00	43.20 3.02 0.00	48.60 2.91 -0.31	51.38 2.59 -0.72	54.30 1.69 -1.23	55.74 1.38 -1.15	57.33 1.49 -0.72	62.56 1.53 0.01	70.48 3.04 0.00	79.98 3.37 0.00	86.65 4.51 0.00	90.23 4.70 0.00	84.38 3.16 0.01	78.04 2.27 0.13	68.05 1.59 0.01	62.57 1.13 -1.90	55.33 1.50 -0.01
BARRETT_IC_9 23700	50.02 3.58 0.00	45.06 3.15 0.00	40.16 2.91 0.00	39.78 2.53 0.00	38.80 2.44 0.00	38.88 2.61 0.00	38.68 2.39 0.00	40.93 2.50 0.00	43.20 3.02 0.00	48.60 2.91 -0.31	51.38 2.59 -0.72	54.30 1.69 -1.23	55.74 1.38 -1.15	57.33 1.49 -0.72	62.56 1.53 0.01	70.48 3.04 0.00	79.98 3.37 0.00	86.65 4.51 0.00	90.23 4.70 0.00	84.38 3.16 0.01	78.04 2.27 0.13	68.05 1.59 0.01	62.57 1.13 -1.90	55.33 1.50 -0.01
BARRETT___1 23545	50.02 3.58 0.00	45.06 3.15 0.00	40.16 2.91 0.00	39.78 2.53 0.00	38.80 2.44 0.00	38.88 2.61 0.00	38.68 2.39 0.00	40.93 2.50 0.00	43.20 3.02 0.00	48.60 2.91 -0.31	51.38 2.59 -0.72	54.30 1.69 -1.23	55.74 1.38 -1.15	57.33 1.49 -0.72	62.56 1.53 0.01	70.48 3.04 0.00	79.98 3.37 0.00	86.65 4.51 0.00	90.23 4.70 0.00	84.38 3.16 0.01	78.04 2.27 0.13	68.05 1.59 0.01	62.57 1.13 -1.90	55.33 1.50 -0.01
BARRETT___2 23546	50.02 3.58 0.00	45.06 3.15 0.00	40.16 2.91 0.00	39.78 2.53 0.00	38.80 2.44 0.00	38.88 2.61 0.00	38.68 2.39 0.00	40.93 2.50 0.00	43.20 3.02 0.00	48.60 2.91 -0.31	51.38 2.59 -0.72	54.30 1.69 -1.23	55.74 1.38 -1.15	57.33 1.49 -0.72	62.56 1.53 0.01	70.48 3.04 0.00	79.98 3.37 0.00	86.65 4.51 0.00	90.23 4.70 0.00	84.38 3.16 0.01	78.04 2.27 0.13	68.05 1.59 0.01	62.57 1.13 -1.90	55.33 1.50 -0.01
BATAVIA__115KV_TB1 55881	48.02 1.58 0.00	43.97 2.05 0.00	38.89 1.64 0.00	37.73 0.48 0.00	37.16 0.80 0.00	36.67 0.40 0.00	37.16 0.87 0.00	39.82 1.38 0.00	43.16 2.97 0.00	47.61 2.22 0.00	50.81 2.74 0.00	55.03 3.65 0.00	57.09 3.88 0.00	58.92 3.80 0.00	64.59 3.54 0.00	70.61 3.17 0.00	80.14 3.52 0.00	86.66 4.52 0.00	92.12 6.59 0.00	87.15 5.93 0.00	81.05 5.16 0.00	70.72 4.25 0.00	63.12 3.57 0.00	58.87 5.06 0.00
BAYONEEC___CTG1 323682	49.65 3.20 0.00	44.60 2.68 0.00	39.60 2.35 0.00	39.51 2.27 0.00	38.62 2.26 0.00	38.59 2.32 0.00	38.61 2.32 0.00	40.93 2.50 0.00	42.92 2.73 0.00	48.37 2.68 -0.31	51.38 2.59 -0.72	55.08 2.47 -1.23	56.66 2.29 -1.16	58.10 2.26 -0.72	63.49 2.44 0.00	71.29 3.84 0.00	80.90 4.29 0.00	87.40 5.26 0.00	91.01 5.48 0.00	85.44 4.22 0.00	79.31 3.42 0.00	68.86 2.39 0.00	61.45 1.91 0.00	56.24 2.42 0.00
BAYONEEC___CTG10 323750	49.65 3.20 0.00	44.60 2.68 0.00	39.60 2.35 0.00	39.51 2.27 0.00	38.62 2.26 0.00	38.59 2.32 0.00	38.61 2.32 0.00	40.93 2.50 0.00	42.92 2.73 0.00	48.37 2.68 -0.31	51.38 2.59 -0.72	55.08 2.47 -1.23	56.66 2.29 -1.16	58.10 2.26 -0.72	63.49 2.44 0.00	71.29 3.84 0.00	80.90 4.29 0.00	87.40 5.26 0.00	91.01 5.48 0.00	85.44 4.22 0.00	79.31 3.42 0.00	68.86 2.39 0.00	61.45 1.91 0.00	56.24 2.42 0.00
BAYONEEC___CTG2 323683	49.65 3.20 0.00	44.60 2.68 0.00	39.60 2.35 0.00	39.51 2.27 0.00	38.62 2.26 0.00	38.59 2.32 0.00	38.61 2.32 0.00	40.93 2.50 0.00	42.92 2.73 0.00	48.37 2.68 -0.31	51.38 2.59 -0.72	55.08 2.47 -1.23	56.66 2.29 -1.16	58.10 2.26 -0.72	63.49 2.44 0.00	71.29 3.84 0.00	80.90 4.29 0.00	87.40 5.26 0.00	91.01 5.48 0.00	85.44 4.22 0.00	79.31 3.42 0.00	68.86 2.39 0.00	61.45 1.91 0.00	56.24 2.42 0.00
BAYONEEC___CTG3 323684	49.65 3.20 0.00	44.60 2.68 0.00	39.60 2.35 0.00	39.51 2.27 0.00	38.62 2.26 0.00	38.59 2.32 0.00	38.61 2.32 0.00	40.93 2.50 0.00	42.92 2.73 0.00	48.37 2.68 -0.31	51.38 2.59 -0.72	55.08 2.47 -1.23	56.66 2.29 -1.16	58.10 2.26 -0.72	63.49 2.44 0.00	71.29 3.84 0.00	80.90 4.29 0.00	87.40 5.26 0.00	91.01 5.48 0.00	85.44 4.22 0.00	79.31 3.42 0.00	68.86 2.39 0.00	61.45 1.91 0.00	56.24 2.42 0.00
BAYONEEC___CTG4 323685	49.65 3.20 0.00	44.60 2.68 0.00	39.60 2.35 0.00	39.51 2.27 0.00	38.62 2.26 0.00	38.59 2.32 0.00	38.61 2.32 0.00	40.93 2.50 0.00	42.92 2.73 0.00	48.37 2.68 -0.31	51.38 2.59 -0.72	55.08 2.47 -1.23	56.66 2.29 -1.16	58.10 2.26 -0.72	63.49 2.44 0.00	71.29 3.84 0.00	80.90 4.29 0.00	87.40 5.26 0.00	91.01 5.48 0.00	85.44 4.22 0.00	79.31 3.42 0.00	68.86 2.39 0.00	61.45 1.91 0.00	56.24 2.42 0.00
BAYONEEC___CTG5 323686	49.65 3.20 0.00	44.60 2.68 0.00	39.60 2.35 0.00	39.51 2.27 0.00	38.62 2.26 0.00	38.59 2.32 0.00	38.61 2.32 0.00	40.93 2.50 0.00	42.92 2.73 0.00	48.37 2.68 -0.31	51.38 2.59 -0.72	55.08 2.47 -1.23	56.66 2.29 -1.16	58.10 2.26 -0.72	63.49 2.44 0.00	71.29 3.84 0.00	80.90 4.29 0.00	87.40 5.26 0.00	91.01 5.48 0.00	85.44 4.22 0.00	79.31 3.42 0.00	68.86 2.39 0.00	61.45 1.91 0.00	56.24 2.42 0.00
BAYONEEC___CTG6 323687	49.65 3.20 0.00	44.60 2.68 0.00	39.60 2.35 0.00	39.51 2.27 0.00	38.62 2.26 0.00	38.59 2.32 0.00	38.61 2.32 0.00	40.93 2.50 0.00	42.92 2.73 0.00	48.37 2.68 -0.31	51.38 2.59 -0.72	55.08 2.47 -1.23	56.66 2.29 -1.16	58.10 2.26 -0.72	63.49 2.44 0.00	71.29 3.84 0.00	80.90 4.29 0.00	87.40 5.26 0.00	91.01 5.48 0.00	85.44 4.22 0.00	79.31 3.42 0.00	68.86 2.39 0.00	61.45 1.91 0.00	56.24 2.42 0.00
BAYONEEC___CTG7 323688	49.65 3.20 0.00	44.60 2.68 0.00	39.60 2.35 0.00	39.51 2.27 0.00	38.62 2.26 0.00	38.59 2.32 0.00	38.61 2.32 0.00	40.93 2.50 0.00	42.92 2.73 0.00	48.37 2.68 -0.31	51.38 2.59 -0.72	55.08 2.47 -1.23	56.66 2.29 -1.16	58.10 2.26 -0.72	63.49 2.44 0.00	71.29 3.84 0.00	80.90 4.29 0.00	87.40 5.26 0.00	91.01 5.48 0.00	85.44 4.22 0.00	79.31 3.42 0.00	68.86 2.39 0.00	61.45 1.91 0.00	56.24 2.42 0.00

BAYONEEC___CTG8 323689	49.65 3.20 0.00	44.60 2.68 0.00	39.60 2.35 0.00	39.51 2.27 0.00	38.62 2.26 0.00	38.59 2.32 0.00	38.61 2.32 0.00	40.93 2.50 0.00	42.92 2.73 0.00	48.37 2.68 -0.31	51.38 2.59 -0.72	55.08 2.47 -1.23	56.66 2.29 -1.16	58.10 2.26 -0.72	63.49 2.44 0.00	71.29 3.84 0.00	80.90 4.29 0.00	87.40 5.26 0.00	91.01 5.48 0.00	85.44 4.22 0.00	79.31 3.42 0.00	68.86 2.39 0.00	61.45 1.91 0.00	56.24 2.42 0.00
BAYONEEC___CTG9 323749	49.65 3.20 0.00	44.60 2.68 0.00	39.60 2.35 0.00	39.51 2.27 0.00	38.62 2.26 0.00	38.59 2.32 0.00	38.61 2.32 0.00	40.93 2.50 0.00	42.92 2.73 0.00	48.37 2.68 -0.31	51.38 2.59 -0.72	55.08 2.47 -1.23	56.66 2.29 -1.16	58.10 2.26 -0.72	63.49 2.44 0.00	71.29 3.84 0.00	80.90 4.29 0.00	87.40 5.26 0.00	91.01 5.48 0.00	85.44 4.22 0.00	79.31 3.42 0.00	68.86 2.39 0.00	61.45 1.91 0.00	56.24 2.42 0.00
BEACON___LESR 323632	47.51 1.07 0.00	42.75 0.84 0.00	38.07 0.82 0.00	38.17 0.93 0.00	37.31 0.94 0.00	37.25 0.98 0.00	37.23 0.94 0.00	39.32 0.88 0.00	41.03 0.85 0.00	45.47 0.32 0.24	47.75 0.24 0.56	50.63 0.21 0.95	52.47 0.16 0.90	54.84 0.28 0.56	61.48 0.43 0.00	68.66 1.22 0.00	78.15 1.53 0.00	84.44 2.30 0.00	88.19 2.65 0.00	83.33 2.11 0.00	77.56 1.67 0.00	67.67 1.20 0.00	60.27 0.72 0.00	54.62 0.81 0.00
BEAVER RIVER___HYD 24048	47.79 1.35 0.00	43.03 1.09 -0.02	38.11 0.86 0.00	37.99 0.74 0.00	36.98 0.62 0.00	37.07 0.80 0.00	37.05 0.76 0.00	39.17 0.73 0.00	40.91 0.72 0.00	46.30 0.91 0.00	48.83 0.77 0.00	52.26 0.87 0.00	54.22 1.01 0.00	56.22 1.10 0.00	62.08 1.04 0.00	68.86 1.42 0.00	78.60 1.99 0.00	84.93 2.79 0.00	89.29 3.76 0.00	85.12 3.90 0.00	79.46 3.57 0.00	69.86 3.39 0.00	62.36 2.56 -0.25	56.47 2.42 -0.23
BEEBEE_GT_13 23619	47.42 0.98 0.00	43.13 1.22 0.00	38.18 0.93 0.00	37.58 0.34 0.00	36.73 0.36 0.00	36.49 0.22 0.00	36.68 0.40 0.00	39.17 0.73 0.00	42.12 1.93 0.00	47.02 1.63 0.00	50.33 2.26 0.00	54.36 2.98 0.00	56.40 3.19 0.00	58.26 3.14 0.00	64.16 3.11 0.00	70.28 2.83 0.00	79.68 3.06 0.00	85.75 3.61 0.00	90.49 4.96 0.00	85.45 4.22 0.00	79.53 3.64 0.00	69.53 3.06 0.00	62.05 2.50 0.00	57.15 3.34 0.00
BENSHRST_27_KV_BENSHRST_1 355998	50.40 3.95 -0.01	45.40 3.48 -0.01	40.27 3.02 -0.01	40.08 2.83 -0.01	39.21 2.84 -0.01	39.14 2.87 0.00	39.04 2.76 0.00	41.20 2.77 0.00	43.12 2.93 0.00	48.60 2.90 -0.31	51.58 2.79 -0.72	55.13 2.52 -1.23	56.87 2.50 -1.16	58.38 2.54 -0.72	63.72 2.69 0.01	71.82 4.38 0.01	81.59 4.98 0.01	87.72 5.59 0.01	91.68 6.16 0.01	86.09 4.87 0.01	79.91 4.02 0.01	69.25 2.79 0.01	61.75 2.20 0.00	56.67 2.85 0.00
BETHLEHEM___GRP 23843	46.72 0.28 0.00	42.17 0.25 0.00	37.58 0.34 0.00	37.65 0.41 0.00	36.84 0.47 0.00	36.78 0.51 0.00	36.72 0.44 0.00	38.82 0.38 0.00	40.43 0.24 0.00	44.80 -0.36 0.23	47.06 -0.48 0.53	49.87 -0.62 0.90	51.67 -0.69 0.85	53.93 -0.66 0.53	60.37 -0.67 0.00	67.38 -0.07 0.00	76.61 0.00 0.00	82.55 0.41 0.00	86.22 0.68 0.00	81.55 0.32 0.00	75.89 0.00 0.00	66.34 -0.13 0.00	59.13 -0.42 0.00	53.60 -0.22 0.00
BETHLEHEM___GS1 323560	46.72 0.28 0.00	42.08 0.17 0.00	37.51 0.26 0.00	37.65 0.41 0.00	36.80 0.44 0.00	36.74 0.47 0.00	36.72 0.44 0.00	38.82 0.38 0.00	40.39 0.20 0.00	44.75 -0.41 0.23	47.01 -0.53 0.53	49.82 -0.67 0.90	51.62 -0.75 0.85	53.88 -0.72 0.53	60.38 -0.67 0.00	67.38 -0.07 0.00	76.61 0.00 0.00	82.72 0.58 0.00	86.30 0.77 0.00	81.55 0.33 0.00	75.89 0.00 0.00	66.34 -0.13 0.00	59.07 -0.48 0.00	53.60 -0.21 0.00
BETHLEHEM___GS2 323561	46.72 0.28 0.00	42.08 0.17 0.00	37.51 0.26 0.00	37.65 0.41 0.00	36.80 0.44 0.00	36.74 0.47 0.00	36.72 0.44 0.00	38.82 0.38 0.00	40.39 0.20 0.00	44.75 -0.41 0.23	47.01 -0.53 0.53	49.82 -0.67 0.90	51.62 -0.75 0.85	53.88 -0.72 0.53	60.38 -0.67 0.00	67.38 -0.07 0.00	76.61 0.00 0.00	82.72 0.58 0.00	86.30 0.77 0.00	81.55 0.33 0.00	75.89 0.00 0.00	66.34 -0.13 0.00	59.07 -0.48 0.00	53.60 -0.21 0.00
BETHLEHEM___GS3 323562	46.72 0.28 0.00	42.08 0.17 0.00	37.51 0.26 0.00	37.65 0.41 0.00	36.80 0.44 0.00	36.74 0.47 0.00	36.72 0.44 0.00	38.82 0.38 0.00	40.39 0.20 0.00	44.75 -0.41 0.23	47.01 -0.53 0.53	49.82 -0.67 0.90	51.62 -0.75 0.85	53.88 -0.72 0.53	60.38 -0.67 0.00	67.38 -0.07 0.00	76.61 0.00 0.00	82.72 0.58 0.00	86.30 0.77 0.00	81.55 0.33 0.00	75.89 0.00 0.00	66.34 -0.13 0.00	59.07 -0.48 0.00	53.60 -0.21 0.00
BETHLEHEM___STEEL 23779	46.77 0.33 0.00	42.96 1.05 0.00	38.03 0.78 0.00	37.06 -0.19 0.00	36.44 0.07 0.00	36.02 -0.25 0.00	36.47 0.18 0.00	39.17 0.73 0.00	42.60 2.41 0.00	47.16 1.77 0.00	50.28 2.21 0.00	54.41 3.03 0.00	56.46 3.25 0.00	58.32 3.20 0.00	63.73 2.69 0.00	69.80 2.36 0.00	79.07 2.45 0.00	85.34 3.20 0.00	90.32 4.79 0.00	85.53 4.30 0.00	79.61 3.72 0.00	69.26 2.79 0.00	61.99 2.44 0.00	57.80 3.98 0.00
BETHLHEM_115KV_TB1 79974	46.82 0.37 0.00	42.25 0.34 0.00	37.66 0.41 0.00	37.73 0.48 0.00	36.91 0.55 0.00	36.85 0.58 0.00	36.79 0.51 0.00	38.90 0.46 0.00	40.51 0.32 0.00	44.95 -0.23 0.21	47.28 -0.29 0.50	50.07 -0.46 0.85	51.88 -0.53 0.80	54.13 -0.50 0.50	60.56 -0.49 0.00	67.58 0.13 0.00	76.84 0.23 0.00	82.71 0.57 0.00	86.39 0.86 0.00	81.71 0.49 0.00	76.12 0.23 0.00	66.47 0.00 0.00	59.31 -0.24 0.00	53.76 -0.05 0.00
BETHPAGE_CC_5 323564	50.25 3.81 0.00	45.27 3.35 0.00	40.30 3.06 0.00	39.89 2.64 0.00	38.91 2.54 0.00	38.99 2.72 0.00	38.75 2.47 0.00	41.05 2.62 0.00	43.36 3.17 0.00	48.83 3.13 -0.31	51.57 2.79 -0.72	54.36 1.75 -1.23	55.80 1.44 -1.15	57.35 1.54 -0.69	62.35 1.46 0.15	70.48 3.04 0.00	79.90 3.37 0.08	86.82 4.68 0.00	90.41 4.87 0.00	84.30 3.09 0.01	75.73 2.27 2.43	67.88 1.53 0.12	58.39 0.89 2.06	55.10 1.29 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	46.77 0.33 0.00	42.96 1.05 0.00	38.03 0.78 0.00	37.02 -0.22 0.00	36.44 0.07 0.00	36.02 -0.25 0.00	36.47 0.18 0.00	39.21 0.77 0.00	42.64 2.45 0.00	47.20 1.82 0.00	50.37 2.31 0.00	54.52 3.13 0.00	56.56 3.35 0.00	58.48 3.36 0.00	63.85 2.81 0.00	69.94 2.50 0.00	79.22 2.60 0.00	85.59 3.45 0.00	90.49 4.96 0.00	85.77 4.55 0.00	79.76 3.87 0.00	69.39 2.92 0.00	62.05 2.50 0.00	57.85 4.04 0.00
BINGHAMTON___COGEN 23790	47.51 1.07 0.00	43.00 1.09 0.00	38.14 0.89 0.00	37.99 0.74 0.00	37.16 0.80 0.00	36.96 0.69 0.00	37.08 0.80 0.00	39.36 0.92 0.00	41.39 1.21 0.00	46.43 1.04 0.00	49.27 1.20 0.00	52.82 1.44 0.00	54.75 1.54 0.00	56.88 1.76 0.00	62.82 1.77 0.00	69.60 2.16 0.00	78.99 2.38 0.00	85.01 2.87 0.00	89.30 3.76 0.00	84.39 3.17 0.00	78.62 2.73 0.00	68.66 2.19 0.00	61.28 1.73 0.00	55.81 1.99 0.00

BIXINCNT_115KV_LOAD 355685	46.07 -0.37 0.00	42.25 0.34 0.00	37.36 0.11 0.00	36.50 -0.74 0.00	36.00 -0.36 0.00	35.65 -0.62 0.00	36.14 -0.15 0.00	39.01 0.58 0.00	42.40 2.21 0.00	47.11 1.72 0.00	50.23 2.16 0.00	54.31 2.93 0.00	56.24 3.03 0.00	58.10 2.98 0.00	63.43 2.38 0.00	69.74 2.29 0.00	78.99 2.38 0.00	85.59 3.45 0.00	90.66 5.13 0.00	86.02 4.79 0.00	80.07 4.17 0.00	69.59 3.12 0.00	62.23 2.68 0.00	57.74 3.93 0.00
BLACK RIVER___HYD 24047	49.04 2.60 0.00	44.18 2.22 -0.05	39.07 1.82 0.00	38.84 1.60 0.00	37.82 1.46 0.00	37.94 1.67 0.00	37.92 1.63 0.00	40.05 1.61 0.00	41.71 1.53 0.00	47.07 1.68 0.00	49.60 1.54 0.00	53.13 1.75 0.00	55.18 1.97 0.00	57.22 2.09 0.00	63.12 2.08 0.00	70.14 2.70 0.00	80.14 3.53 0.00	86.82 4.68 0.00	91.86 6.33 0.00	87.48 6.25 0.00	81.51 5.62 0.00	71.72 5.25 0.00	63.99 3.99 -0.45	58.06 3.82 -0.42
BLACKRVR_115KV_TB2 79977	49.04 2.60 0.00	44.14 2.18 -0.05	39.00 1.75 0.00	38.84 1.60 0.00	37.82 1.45 0.00	37.90 1.63 0.00	37.92 1.63 0.00	40.05 1.61 0.00	41.71 1.53 0.00	47.07 1.68 0.00	49.56 1.49 0.00	53.13 1.75 0.00	55.13 1.92 0.00	57.22 2.09 0.00	63.12 2.08 0.00	70.14 2.70 0.00	80.14 3.52 0.00	86.82 4.68 0.00	91.95 6.41 0.00	87.48 6.25 0.00	81.51 5.62 0.00	71.72 5.25 0.00	63.99 3.99 -0.45	58.06 3.82 -0.42
BLDWN_LI_69_KV_BK4 356085	50.48 4.04 0.00	45.73 3.81 0.00	40.49 3.24 0.00	40.04 2.79 0.00	39.09 2.73 0.00	39.17 2.90 0.00	39.04 2.76 0.00	41.24 2.81 0.00	43.52 3.34 0.00	49.06 3.36 -0.31	52.34 3.56 -0.72	55.33 2.72 -1.23	56.81 2.45 -1.15	58.05 2.20 -0.72	63.18 2.14 0.01	71.42 3.98 0.00	80.67 4.06 0.00	87.15 5.01 0.00	91.09 5.56 0.00	84.95 3.74 0.01	77.29 2.88 1.48	68.92 2.46 0.01	60.67 1.85 0.72	56.56 2.74 0.00
BLISS_WT_PWR 323608	45.89 -0.56 0.00	42.58 0.67 0.00	37.58 0.33 0.00	36.39 -0.86 0.00	35.85 -0.51 0.00	35.55 -0.73 0.00	35.96 -0.33 0.00	38.82 0.38 0.00	42.36 2.17 0.00	47.07 1.68 0.00	50.37 2.31 0.00	54.36 2.98 0.00	56.46 3.25 0.00	57.93 2.81 0.00	63.31 2.26 0.00	69.54 2.09 0.00	78.84 2.22 0.00	85.59 3.45 0.00	90.75 5.22 0.00	85.93 4.71 0.00	79.99 4.10 0.00	69.53 3.06 0.00	62.53 2.98 0.00	57.69 3.88 0.00
BLUESTONE___WT_PWR 323821	50.07 3.62 0.00	45.23 3.31 0.00	40.01 2.76 0.00	39.81 2.57 0.00	38.91 2.54 0.00	38.88 2.61 0.00	39.01 2.72 0.00	41.40 2.96 0.00	43.24 3.05 0.00	48.61 3.22 0.00	51.43 3.36 0.00	55.18 3.80 0.00	57.41 4.20 0.00	59.75 4.63 0.00	65.81 4.76 0.00	73.38 5.94 0.00	83.43 6.82 0.00	90.27 8.13 0.00	95.20 9.66 0.00	89.67 8.45 0.00	83.11 7.21 0.00	72.65 6.18 0.00	64.49 4.94 0.00	58.66 4.85 0.00
BLUE_CIRC_CHEM_DRP 24182	46.44 0.00 0.00	41.92 0.00 0.00	37.36 0.11 0.00	37.47 0.22 0.00	36.65 0.29 0.00	36.56 0.29 0.00	36.50 0.22 0.00	38.49 0.08 0.02	42.80 -0.16 0.45	47.07 -0.73 1.86	44.50 -0.87 2.70	46.56 -1.08 3.74	47.84 -1.17 4.20	49.38 -1.16 4.58	53.88 -1.16 6.00	58.85 -0.67 7.92	65.45 -0.69 10.47	81.71 -0.41 0.02	85.45 -0.09 0.00	80.82 -0.41 0.00	75.36 -0.53 0.00	65.87 -0.60 0.00	58.83 -0.71 0.00	53.33 -0.48 0.00
BOC_GAS_DRP 24189	47.09 0.65 0.00	42.50 0.59 0.00	37.85 0.60 0.00	37.95 0.71 0.00	37.13 0.76 0.00	37.03 0.76 0.00	37.01 0.73 0.00	39.13 0.69 0.00	40.74 0.52 -0.03	45.54 0.18 0.03	48.03 0.14 0.18	51.02 0.00 0.36	52.86 -0.05 0.30	55.01 -0.06 0.06	61.43 0.00 -0.38	68.55 0.61 -0.50	77.97 0.69 -0.67	83.13 0.99 0.00	86.82 1.28 0.00	82.04 0.81 0.00	76.42 0.53 0.00	66.80 0.33 0.00	59.67 0.12 0.00	54.14 0.32 0.00
BOONVILLE_115KV_TB1 79983	47.93 1.49 0.00	43.17 1.26 0.00	38.26 1.01 0.00	38.17 0.93 0.00	37.24 0.87 0.00	37.25 0.98 0.00	37.30 1.02 0.00	39.47 1.04 0.00	41.27 1.09 0.00	46.57 1.18 0.00	49.22 1.15 0.00	52.72 1.34 0.00	54.70 1.49 0.00	56.77 1.65 0.00	62.76 1.71 0.00	69.67 2.23 0.00	79.30 2.68 0.00	85.51 3.37 0.00	89.81 4.28 0.00	85.12 3.90 0.00	79.23 3.34 0.00	69.46 2.99 0.00	61.81 2.26 0.00	56.02 2.21 0.00
BORALEX_4TH_BRANCH 23824	48.58 2.14 0.00	43.93 2.01 0.00	39.15 1.90 0.00	39.03 1.79 0.00	38.15 1.78 0.00	38.05 1.78 0.00	37.99 1.71 0.00	40.17 1.73 0.00	41.88 1.69 0.00	46.05 1.27 0.61	47.89 1.25 1.43	50.08 1.13 2.43	52.03 1.12 2.30	54.80 1.10 1.43	62.51 1.47 0.00	69.94 2.50 0.00	79.68 3.06 0.00	86.08 3.94 0.00	90.07 4.53 0.00	85.20 3.98 0.00	79.31 3.42 0.00	69.19 2.73 0.00	61.40 1.85 0.00	55.70 1.88 0.00
BOWLINE___1 23526	49.09 2.65 0.00	44.18 2.26 0.00	39.26 2.01 0.00	39.18 1.94 0.00	38.29 1.93 0.00	38.26 1.99 0.00	38.24 1.96 0.00	40.51 2.07 0.00	42.40 2.21 0.00	47.77 2.09 -0.29	50.81 2.07 -0.68	54.54 2.00 -1.15	56.27 1.97 -1.09	57.78 1.98 -0.68	63.24 2.19 0.00	70.95 3.50 0.00	80.52 3.91 0.00	86.98 4.85 0.00	90.66 5.13 0.00	85.20 3.98 0.00	79.15 3.26 0.00	68.86 2.39 0.00	61.33 1.78 0.00	55.97 2.15 0.00
BOWLINE___2 23595	49.09 2.65 0.00	44.18 2.26 0.00	39.26 2.01 0.00	39.18 1.94 0.00	38.29 1.93 0.00	38.26 1.99 0.00	38.24 1.96 0.00	40.51 2.07 0.00	42.44 2.25 0.00	47.77 2.09 -0.29	50.81 2.07 -0.68	54.54 2.00 -1.15	56.27 1.97 -1.09	57.78 1.98 -0.68	63.24 2.19 0.00	70.95 3.50 0.00	80.52 3.91 0.00	86.98 4.85 0.00	90.66 5.13 0.00	85.20 3.98 0.00	79.15 3.26 0.00	68.86 2.39 0.00	61.33 1.78 0.00	55.97 2.15 0.00
BRADY___115KV_TB2 356060	46.58 0.14 0.00	42.00 0.08 0.00	37.32 0.07 0.00	37.32 0.07 0.00	36.36 0.00 0.00	36.27 0.00 0.00	36.25 -0.04 0.00	38.32 -0.12 0.00	39.87 -0.32 0.00	45.71 0.32 0.00	48.21 0.14 0.00	51.59 0.21 0.00	53.37 0.16 0.00	55.18 0.06 0.00	61.11 0.06 0.00	66.77 -0.67 0.00	76.08 -0.54 0.00	81.40 -0.74 0.00	84.34 -1.20 0.00	81.47 0.24 0.00	76.50 0.61 0.00	67.40 0.93 0.00	60.56 1.01 0.00	54.30 0.48 0.00
BRANSCOMB___SOLAR 323811	49.00 2.55 0.00	44.18 2.26 0.00	39.30 2.05 0.00	39.33 2.08 0.00	38.40 2.04 0.00	38.26 1.99 0.00	38.24 1.96 0.00	40.32 1.88 0.00	42.08 1.89 0.00	46.53 1.45 0.31	48.60 1.25 0.72	51.39 1.23 1.22	53.18 1.12 1.15	55.67 1.27 0.72	62.57 1.53 0.00	70.07 2.63 0.00	79.91 3.29 0.00	86.57 4.43 0.00	91.09 5.56 0.00	86.26 5.04 0.00	80.52 4.63 0.00	70.19 3.72 0.00	62.47 2.92 0.00	56.56 2.74 0.00
BRDGHMPT_69_KV_BK1 55812	51.78 5.34 0.00	46.90 4.99 0.00	41.68 4.43 0.00	40.82 3.58 0.00	39.78 3.42 0.00	40.08 3.81 0.00	39.80 3.52 0.00	41.82 3.38 0.00	44.53 4.34 0.00	50.37 4.67 -0.31	53.74 4.95 -0.72	56.77 4.16 -1.23	58.35 3.99 -1.15	59.55 3.80 -0.62	64.57 3.97 0.44	73.58 6.14 0.00	83.05 6.67 0.23	90.52 8.38 0.00	94.68 9.15 0.00	87.63 6.42 0.01	77.76 4.86 2.99	69.99 3.86 0.34	59.60 2.80 2.75	57.69 3.87 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	50.81 4.37 0.00	46.06 4.15 0.00	40.83 3.58 0.00	40.22 2.98 0.00	39.27 2.91 0.00	39.43 3.16 0.00	39.26 2.98 0.00	41.32 2.88 0.00	43.76 3.58 0.00	49.33 3.63 -0.31	52.44 3.65 -0.72	55.18 2.57 -1.23	56.54 2.18 -1.15	57.54 1.82 -0.60	62.32 1.83 0.55	71.15 3.71 0.00	79.62 3.29 0.29	86.33 4.19 0.00	90.24 4.70 0.00	83.90 2.68 0.01	75.31 2.35 2.93	67.97 1.93 0.43	58.08 1.25 2.72	56.45 2.64 0.00
BRISTLHL_115KV_TB1 79998	46.26 -0.19 0.00	41.86 -0.17 -0.11	37.06 -0.19 0.00	36.94 -0.30 0.00	36.07 -0.29 0.00	35.91 -0.36 0.00	35.96 -0.33 0.00	38.09 -0.35 0.00	40.07 -0.12 0.00	45.02 -0.36 0.00	47.78 -0.29 0.00	51.23 -0.15 0.00	53.10 -0.11 0.00	55.07 -0.06 0.00	60.86 -0.18 0.00	67.38 -0.07 0.00	76.46 -0.15 0.00	82.22 0.08 0.00	86.13 0.60 0.00	81.47 0.24 0.00	75.97 0.08 0.00	66.40 -0.07 0.00	60.43 -0.24 -1.12	54.97 0.11 -1.05
BROOKHAVEN___DRP 24191	50.30 3.85 0.00	45.65 3.73 0.00	40.56 3.32 0.00	39.81 2.57 0.00	38.84 2.47 0.00	39.14 2.87 0.00	38.93 2.65 0.00	40.86 2.42 0.00	43.28 3.09 0.00	48.83 3.13 -0.31	51.91 3.12 -0.72	54.67 2.06 -1.23	56.06 1.70 -1.15	57.12 1.38 -0.62	61.90 1.28 0.43	70.61 3.17 0.00	79.53 3.14 0.23	86.57 4.44 0.00	90.49 4.96 0.00	83.98 2.76 0.01	74.72 1.82 2.99	67.40 1.26 0.33	57.51 0.71 2.75	55.86 2.05 0.00
BROOKLYN_NAVY_YARD 23515	49.65 3.20 0.00	44.60 2.68 0.00	39.60 2.35 0.00	39.48 2.23 0.00	38.62 2.26 0.00	38.59 2.32 0.00	38.61 2.32 0.00	40.97 2.54 0.00	43.00 2.81 0.00	48.47 2.77 -0.31	51.38 2.59 -0.72	55.08 2.47 -1.23	56.71 2.34 -1.16	58.21 2.37 -0.72	63.55 2.50 0.00	71.42 3.98 0.00	81.06 4.44 0.00	87.64 5.50 0.00	91.26 5.73 0.00	85.69 4.46 0.00	79.46 3.57 0.00	68.93 2.46 0.00	61.63 2.08 0.00	56.29 2.48 0.00
BROOKLYN___ARMY_DRP 323595	50.12 3.67 -0.01	45.19 3.27 -0.01	40.13 2.87 -0.01	39.89 2.64 -0.01	39.06 2.69 -0.01	38.99 2.72 0.00	38.86 2.58 0.00	41.01 2.58 0.00	42.88 2.69 0.00	48.37 2.68 -0.31	51.29 2.50 -0.72	54.82 2.21 -1.23	56.55 2.18 -1.16	58.05 2.20 -0.72	63.30 2.26 0.01	71.35 3.91 0.01	81.05 4.44 0.01	87.14 5.01 0.01	91.08 5.56 0.01	85.52 4.30 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.40 1.85 0.00	56.35 2.53 0.00
BROOME_2_LFGE 323671	47.51 1.07 0.00	43.13 1.22 0.00	38.26 1.01 0.00	38.03 0.78 0.00	37.16 0.80 0.00	36.96 0.69 0.00	37.05 0.76 0.00	39.32 0.88 0.00	41.43 1.25 0.00	46.43 1.04 0.00	49.31 1.25 0.00	52.87 1.49 0.00	54.86 1.65 0.00	56.88 1.76 0.00	62.82 1.77 0.00	69.60 2.16 0.00	78.99 2.38 0.00	85.18 3.04 0.00	89.39 3.85 0.00	84.48 3.25 0.00	78.62 2.73 0.00	68.66 2.19 0.00	61.33 1.78 0.00	55.81 1.99 0.00
BROOME___LFGE 323600	47.51 1.07 0.00	43.13 1.22 0.00	38.26 1.01 0.00	38.03 0.78 0.00	37.16 0.80 0.00	36.96 0.69 0.00	37.05 0.76 0.00	39.32 0.88 0.00	41.43 1.25 0.00	46.43 1.04 0.00	49.31 1.25 0.00	52.87 1.49 0.00	54.86 1.65 0.00	56.88 1.76 0.00	62.82 1.77 0.00	69.60 2.16 0.00	78.99 2.38 0.00	85.18 3.04 0.00	89.39 3.85 0.00	84.48 3.25 0.00	78.62 2.73 0.00	68.66 2.19 0.00	61.33 1.78 0.00	55.81 1.99 0.00
BROWNFLS_115KV_TB 3_5 80003	46.86 0.42 0.00	42.23 0.29 -0.02	37.44 0.19 0.00	37.35 0.11 0.00	36.40 0.04 0.00	36.42 0.15 0.00	36.39 0.11 0.00	38.51 0.08 0.00	40.19 0.00 0.00	45.75 0.36 0.00	48.31 0.24 0.00	51.69 0.31 0.00	53.58 0.37 0.00	55.45 0.33 0.00	61.35 0.31 0.00	67.65 0.20 0.00	77.15 0.54 0.00	83.04 0.90 0.00	86.82 1.28 0.00	83.01 1.79 0.00	77.64 1.75 0.00	68.26 1.79 0.00	61.15 1.43 -0.17	55.10 1.13 -0.16
BROWNSV1_27_KV_LOAD 356125	50.11 3.67 0.00	45.18 3.27 0.00	40.08 2.83 0.00	39.85 2.61 0.00	39.02 2.65 0.00	38.99 2.72 0.00	38.97 2.69 0.00	41.32 2.88 0.00	43.36 3.17 0.00	48.87 3.18 -0.31	52.06 3.27 -0.72	55.69 3.08 -1.23	57.46 3.09 -1.16	58.93 3.09 -0.72	64.34 3.30 0.00	72.30 4.86 0.00	82.05 5.44 0.00	88.22 6.08 0.00	92.20 6.67 0.00	86.58 5.36 0.00	80.45 4.55 0.00	69.73 3.26 0.00	62.35 2.80 0.00	56.88 3.07 0.00
BURROWS___LYONSDAL 23803	47.84 1.39 0.00	43.06 1.13 -0.01	38.18 0.93 0.00	38.10 0.86 0.00	37.13 0.76 0.00	37.18 0.91 0.00	37.19 0.91 0.00	39.36 0.92 0.00	41.15 0.96 0.00	46.48 1.09 0.00	49.08 1.01 0.00	52.56 1.18 0.00	54.54 1.33 0.00	56.61 1.49 0.00	62.57 1.53 0.00	69.47 2.02 0.00	79.14 2.53 0.00	85.34 3.20 0.00	89.72 4.19 0.00	85.04 3.82 0.00	79.23 3.34 0.00	69.53 3.06 0.00	61.99 2.32 -0.12	56.19 2.26 -0.11
CAITHNESS_CC_1 323624	50.25 3.81 0.00	45.27 3.35 0.00	40.45 3.20 0.00	39.81 2.57 0.00	38.80 2.44 0.00	39.03 2.76 0.00	38.61 2.32 0.00	40.86 2.42 0.00	43.24 3.05 0.00	48.79 3.09 -0.31	51.33 2.55 -0.72	53.94 1.33 -1.23	55.48 1.12 -1.15	56.96 1.21 -0.63	61.78 1.16 0.42	70.14 2.70 0.00	79.38 2.98 0.22	86.65 4.51 0.00	90.23 4.70 0.00	83.89 2.68 0.01	74.57 1.67 2.99	67.27 1.13 0.33	57.27 0.47 2.75	54.67 0.86 0.00
CALPINE BETH_PAGE_GT4 24209	50.21 3.76 0.00	45.60 3.69 0.00	40.42 3.17 0.00	39.96 2.72 0.00	39.02 2.65 0.00	39.10 2.83 0.00	38.97 2.69 0.00	41.13 2.69 0.00	43.44 3.26 0.00	48.78 3.09 -0.31	52.06 3.27 -0.72	54.82 2.21 -1.23	56.17 1.81 -1.15	57.39 1.54 -0.72	62.50 1.47 0.01	70.68 3.24 0.00	79.98 3.37 0.00	86.49 4.35 0.00	90.32 4.79 0.00	84.22 3.01 0.01	75.90 2.20 2.19	68.06 1.60 0.01	58.81 1.01 1.75	55.86 2.05 0.00
CALPINE_BETH_PAGE_GT_4 323586	50.20 3.76 0.00	45.35 3.44 0.00	40.34 3.09 0.00	39.96 2.72 0.00	38.98 2.62 0.00	39.06 2.79 0.00	38.82 2.54 0.00	41.13 2.69 0.00	43.44 3.25 0.00	48.79 3.09 -0.31	51.62 2.84 -0.72	54.30 1.69 -1.23	55.74 1.38 -1.15	57.33 1.49 -0.72	62.50 1.46 0.01	70.48 3.04 0.00	79.98 3.37 0.00	86.82 4.68 0.00	90.41 4.87 0.00	84.30 3.09 0.01	75.91 2.20 2.19	68.06 1.59 0.01	58.70 0.89 1.75	55.05 1.24 0.00
CALPINE_BP_GT1 23823	50.20 3.76 0.00	45.35 3.44 0.00	40.34 3.09 0.00	39.96 2.72 0.00	38.98 2.62 0.00	39.06 2.79 0.00	38.82 2.54 0.00	41.13 2.69 0.00	43.44 3.25 0.00	48.79 3.09 -0.31	51.62 2.84 -0.72	54.30 1.69 -1.23	55.74 1.38 -1.15	57.33 1.49 -0.72	62.50 1.46 0.01	70.48 3.04 0.00	79.98 3.37 0.00	86.82 4.68 0.00	90.41 4.87 0.00	84.30 3.09 0.01	75.91 2.20 2.19	68.06 1.59 0.01	58.70 0.89 1.75	55.05 1.24 0.00
CALSPAN___DRP 24200	46.77 0.33 0.00	42.96 1.05 0.00	38.03 0.78 0.00	37.06 -0.19 0.00	36.44 0.07 0.00	36.02 -0.25 0.00	36.47 0.18 0.00	39.17 0.73 0.00	42.60 2.41 0.00	47.16 1.77 0.00	50.28 2.21 0.00	54.41 3.03 0.00	56.46 3.25 0.00	58.32 3.20 0.00	63.73 2.69 0.00	69.80 2.36 0.00	79.07 2.45 0.00	85.34 3.20 0.00	90.32 4.79 0.00	85.53 4.30 0.00	79.61 3.72 0.00	69.26 2.79 0.00	61.99 2.44 0.00	57.80 3.98 0.00

CALVERTON___SOLAR 323806	50.48 4.04 0.00	45.44 3.52 0.00	40.60 3.35 0.00	39.92 2.68 0.00	38.87 2.51 0.00	39.17 2.90 0.00	38.68 2.39 0.00	40.93 2.50 0.00	43.36 3.17 0.00	48.92 3.22 -0.31	51.57 2.79 -0.72	54.25 1.64 -1.23	55.80 1.44 -1.15	57.34 1.60 -0.62	62.14 1.53 0.43	70.61 3.17 0.00	79.99 3.60 0.23	87.40 5.26 0.00	91.09 5.56 0.00	84.55 3.33 0.01	75.10 2.20 2.99	67.73 1.59 0.34	57.63 0.83 2.75	54.95 1.13 0.00
CANDIGU_WT_PWR 323617	47.14 0.70 0.00	43.30 1.38 0.00	38.22 0.97 0.00	37.43 0.19 0.00	36.73 0.36 0.00	36.38 0.11 0.00	36.68 0.40 0.00	39.01 0.58 0.00	41.68 1.49 0.00	46.34 0.95 0.00	49.41 1.34 0.00	53.18 1.80 0.00	55.23 2.02 0.00	57.27 2.15 0.00	62.94 1.89 0.00	69.26 1.82 0.00	78.60 1.99 0.00	85.18 3.04 0.00	90.15 4.62 0.00	85.53 4.30 0.00	79.84 3.94 0.00	69.59 3.12 0.00	62.47 2.92 0.00	57.26 3.45 0.00
CARR STREET_E_SYR 24060	46.30 -0.14 0.00	41.87 -0.04 0.00	37.17 -0.07 0.00	36.98 -0.26 0.00	36.11 -0.25 0.00	35.94 -0.33 0.00	35.99 -0.29 0.00	38.17 -0.27 0.00	40.15 -0.04 0.00	45.12 -0.27 0.00	47.97 -0.10 0.00	51.38 0.00 0.00	53.32 0.11 0.00	55.34 0.22 0.00	61.17 0.12 0.00	67.71 0.27 0.00	76.84 0.23 0.00	82.72 0.58 0.00	86.64 1.11 0.00	81.87 0.65 0.00	76.20 0.30 0.00	66.67 0.20 0.00	59.55 0.00 0.00	54.03 0.22 0.00
CARTHAGE___PAPER 23857	48.30 1.86 0.00	43.50 1.55 -0.04	38.48 1.23 0.00	38.28 1.04 0.00	37.31 0.94 0.00	37.40 1.13 0.00	37.37 1.09 0.00	39.48 1.04 0.00	41.15 0.96 0.00	46.52 1.14 0.00	49.03 0.96 0.00	52.46 1.08 0.00	54.43 1.22 0.00	56.44 1.32 0.00	62.33 1.28 0.00	69.13 1.69 0.00	79.06 2.45 0.00	85.59 3.45 0.00	90.23 4.70 0.00	86.10 4.87 0.00	80.29 4.40 0.00	70.66 4.19 0.00	63.13 3.21 -0.37	57.12 2.96 -0.35
CASSADAGA_WT_PWR 323784	46.77 0.33 0.00	43.55 1.63 0.00	38.55 1.30 0.00	37.28 0.04 0.00	36.69 0.33 0.00	36.27 0.00 0.00	36.76 0.47 0.00	39.63 1.19 0.00	43.32 3.14 0.00	48.11 2.72 0.00	51.57 3.51 0.00	55.64 4.26 0.00	57.94 4.73 0.00	59.64 4.52 0.00	64.89 3.85 0.00	71.22 3.77 0.00	81.13 4.52 0.00	87.89 5.75 0.00	93.14 7.61 0.00	88.29 7.06 0.00	81.89 5.99 0.00	71.26 4.79 0.00	64.07 4.52 0.00	59.15 5.33 0.00
CE_DUNWOOD___DRP 24194	49.32 2.88 0.00	44.51 2.60 0.00	39.52 2.27 0.00	39.33 2.09 0.00	38.51 2.15 0.00	38.48 2.21 0.00	38.43 2.14 0.00	40.70 2.27 0.00	42.64 2.45 0.00	48.06 2.36 -0.31	51.24 2.45 -0.72	54.87 2.26 -1.22	56.60 2.23 -1.16	58.04 2.20 -0.72	63.43 2.38 0.00	71.22 3.78 0.00	80.83 4.21 0.00	86.98 4.85 0.00	90.92 5.39 0.00	85.45 4.22 0.00	79.38 3.49 0.00	69.00 2.53 0.00	61.57 2.02 0.00	56.18 2.37 0.00
CE_MILLWOOD___DRP 24193	49.23 2.79 0.00	44.43 2.51 0.00	39.45 2.20 0.00	39.29 2.05 0.00	38.44 2.07 0.00	38.41 2.14 0.00	38.35 2.07 0.00	40.63 2.19 0.00	42.56 2.37 0.00	47.92 2.22 -0.31	51.09 2.31 -0.72	54.76 2.16 -1.22	56.49 2.13 -1.15	57.93 2.09 -0.71	63.30 2.26 0.00	71.08 3.64 0.00	80.67 4.06 0.00	86.82 4.68 0.00	90.75 5.22 0.00	85.28 4.06 0.00	79.31 3.42 0.00	68.93 2.46 0.00	61.51 1.97 0.00	56.08 2.26 0.00
CE_NYC2_DRP 24202	49.83 3.39 0.00	44.93 3.02 0.00	39.86 2.61 0.00	39.66 2.42 0.00	38.84 2.47 0.00	38.81 2.54 0.00	38.75 2.47 0.00	40.97 2.54 0.00	42.88 2.69 0.00	48.33 2.63 -0.31	51.38 2.60 -0.72	54.92 2.31 -1.23	56.60 2.23 -1.16	58.05 2.20 -0.72	63.30 2.26 0.01	71.14 3.71 0.01	80.74 4.14 0.01	86.81 4.68 0.01	90.74 5.22 0.01	85.20 3.98 0.01	79.15 3.26 0.01	68.66 2.19 0.01	61.40 1.85 0.00	56.29 2.48 0.00
CE_NYC_DRP 24195	49.74 3.30 0.00	44.85 2.93 0.00	39.78 2.53 0.00	39.59 2.35 0.00	38.76 2.40 0.00	38.74 2.47 0.00	38.72 2.43 0.00	41.05 2.61 0.00	43.04 2.85 0.00	48.51 2.81 -0.31	51.67 2.88 -0.72	55.23 2.62 -1.23	56.98 2.61 -1.16	58.38 2.54 -0.72	63.73 2.69 0.00	71.62 4.18 0.00	81.29 4.67 0.00	87.40 5.26 0.00	91.35 5.82 0.00	85.77 4.55 0.00	79.69 3.79 0.00	69.13 2.66 0.00	61.81 2.26 0.00	56.45 2.64 0.00
CHAFFEE___LFGE 323603	46.86 0.42 0.00	43.68 1.76 0.00	38.59 1.34 0.00	37.20 -0.04 0.00	36.58 0.22 0.00	36.13 -0.14 0.00	36.50 0.22 0.00	39.21 0.77 0.00	42.76 2.57 0.00	47.34 1.95 0.00	50.71 2.64 0.00	54.77 3.39 0.00	56.99 3.78 0.00	58.54 3.42 0.00	63.92 2.87 0.00	70.07 2.63 0.00	79.37 2.75 0.00	85.84 3.70 0.00	90.84 5.30 0.00	85.93 4.71 0.00	79.91 4.02 0.00	69.53 3.06 0.00	62.58 3.04 0.00	57.90 4.09 0.00
CHATEAUG_35_KV_LOAD 355732	45.33 -1.11 0.00	40.78 -1.13 0.00	36.28 -0.97 0.00	36.27 -0.97 0.00	35.31 -1.05 0.00	35.18 -1.09 0.00	35.16 -1.12 0.00	37.32 -1.11 0.00	39.02 -1.17 0.00	44.84 -0.54 0.00	47.35 -0.72 0.00	50.61 -0.77 0.00	52.36 -0.85 0.00	54.18 -0.94 0.00	60.01 -1.04 0.00	65.42 -2.02 0.00	74.62 -1.99 0.00	79.67 -2.46 0.00	82.45 -3.08 0.00	79.03 -2.19 0.00	74.22 -1.67 0.00	65.14 -1.33 0.00	58.66 -0.89 0.00	52.58 -1.24 0.00
CHATEAUG_WT_PWR 323614	45.28 -1.16 0.00	40.74 -1.17 0.00	36.21 -1.04 0.00	36.24 -1.00 0.00	35.31 -1.06 0.00	35.15 -1.12 0.00	35.16 -1.13 0.00	37.32 -1.12 0.00	39.06 -1.13 0.00	44.85 -0.54 0.00	47.35 -0.72 0.00	50.61 -0.77 0.00	52.41 -0.80 0.00	54.24 -0.88 0.00	60.01 -1.04 0.00	65.48 -1.96 0.00	74.62 -1.99 0.00	79.43 -2.71 0.00	82.20 -3.34 0.00	78.79 -2.43 0.00	73.92 -1.97 0.00	64.94 -1.53 0.00	58.48 -1.07 0.00	52.42 -1.40 0.00
CHAT_HIGH_FALL_HYD 323578	45.33 -1.11 0.00	40.78 -1.13 0.00	36.28 -0.97 0.00	36.27 -0.97 0.00	35.31 -1.05 0.00	35.18 -1.09 0.00	35.16 -1.12 0.00	37.32 -1.11 0.00	39.02 -1.17 0.00	44.84 -0.54 0.00	47.35 -0.72 0.00	50.61 -0.77 0.00	52.36 -0.85 0.00	54.18 -0.94 0.00	60.01 -1.04 0.00	65.42 -2.02 0.00	74.62 -1.99 0.00	79.67 -2.46 0.00	82.45 -3.08 0.00	79.03 -2.19 0.00	74.22 -1.67 0.00	65.14 -1.33 0.00	58.66 -0.89 0.00	52.58 -1.24 0.00
CHAUTAUQUA___LFGE 323629	46.91 0.46 0.00	43.68 1.76 0.00	38.66 1.42 0.00	37.32 0.07 0.00	36.73 0.36 0.00	36.27 0.00 0.00	36.72 0.44 0.00	39.51 1.07 0.00	43.08 2.90 0.00	47.75 2.36 0.00	51.19 3.12 0.00	55.24 3.86 0.00	57.52 4.31 0.00	59.09 3.97 0.00	64.46 3.42 0.00	70.68 3.24 0.00	80.22 3.60 0.00	86.82 4.68 0.00	91.95 6.42 0.00	87.15 5.93 0.00	80.98 5.09 0.00	70.46 3.99 0.00	63.36 3.81 0.00	58.66 4.85 0.00
CHERRYST_13_KV_LD 356241	49.93 3.48 0.00	44.97 3.06 0.00	39.93 2.68 0.00	39.70 2.46 0.00	38.87 2.51 0.00	38.85 2.58 0.00	38.86 2.58 0.00	41.17 2.73 0.00	43.20 3.01 0.00	48.69 3.00 -0.31	51.86 3.08 -0.72	55.44 2.83 -1.23	57.19 2.82 -1.16	58.60 2.76 -0.72	64.04 2.99 0.00	71.96 4.52 0.00	81.59 4.98 0.00	87.81 5.67 0.00	91.69 6.16 0.00	86.10 4.87 0.00	79.99 4.10 0.00	69.39 2.92 0.00	62.05 2.50 0.00	56.61 2.80 0.00

CHESTROR_138KV_BK263 355645	48.77 2.32 0.00	43.97 2.05 0.00	39.04 1.79 0.00	38.96 1.71 0.00	38.07 1.71 0.00	38.05 1.78 0.00	38.03 1.74 0.00	40.24 1.81 0.00	42.08 1.89 0.00	47.38 1.72 -0.26	50.46 1.78 -0.62	54.07 1.64 -1.05	55.85 1.65 -0.99	57.33 1.60 -0.61	62.82 1.77 0.00	70.41 2.97 0.00	79.98 3.37 0.00	86.08 3.94 0.00	90.07 4.53 0.00	84.72 3.49 0.00	78.78 2.88 0.00	68.60 2.13 0.00	61.22 1.67 0.00	55.70 1.88 0.00
CH_MIDHUDSON___DRP 24192	49.00 2.55 0.00	44.22 2.31 0.00	39.26 2.01 0.00	39.14 1.90 0.00	38.29 1.93 0.00	38.27 1.99 0.00	38.24 1.96 0.00	40.47 2.04 0.00	42.32 2.13 0.00	47.56 1.95 -0.22	50.56 1.97 -0.52	54.12 1.85 -0.88	55.91 1.86 -0.83	57.46 1.82 -0.52	63.06 2.01 0.00	70.82 3.37 0.00	80.37 3.75 0.00	86.57 4.44 0.00	90.58 5.05 0.00	85.20 3.98 0.00	79.23 3.34 0.00	68.93 2.46 0.00	61.51 1.97 0.00	55.97 2.15 0.00
CH_MISC_IPPS 23765	49.37 2.93 0.00	44.43 2.51 0.00	39.45 2.20 0.00	39.36 2.12 0.00	38.47 2.11 0.00	38.45 2.18 0.00	38.43 2.14 0.00	40.70 2.27 0.00	42.60 2.41 0.00	47.85 2.22 -0.24	50.85 2.21 -0.57	54.51 2.16 -0.97	56.30 2.18 -0.91	57.95 2.26 -0.57	63.55 2.50 0.00	71.35 3.91 0.00	81.06 4.44 0.00	87.56 5.42 0.00	91.52 5.99 0.00	85.93 4.71 0.00	79.91 4.02 0.00	69.46 2.99 0.00	61.93 2.38 0.00	56.35 2.53 0.00
CH_RES_BVR_FALLS 23983	45.70 -0.74 0.00	41.20 -0.71 0.00	36.62 -0.63 0.00	36.61 -0.63 0.00	35.75 -0.62 0.00	35.65 -0.62 0.00	35.70 -0.58 0.00	37.86 -0.58 0.00	39.59 -0.60 0.00	44.98 -0.41 0.00	47.63 -0.43 0.00	50.92 -0.46 0.00	52.73 -0.48 0.00	54.57 -0.55 0.00	60.50 -0.55 0.00	66.64 -0.81 0.00	75.70 -0.92 0.00	80.99 -1.15 0.00	84.16 -1.37 0.00	80.25 -0.97 0.00	75.06 -0.83 0.00	65.74 -0.73 0.00	59.01 -0.54 0.00	53.17 -0.64 0.00
CH_RES_NIAGARA 23895	45.47 -0.98 0.00	41.87 -0.04 0.00	37.10 -0.15 0.00	36.68 -0.56 0.00	35.45 -0.91 0.00	35.65 -0.62 0.00	35.49 -0.80 0.00	38.05 -0.38 0.00	41.43 1.25 0.00	45.75 0.36 0.00	48.88 0.82 0.00	52.87 1.49 0.00	54.75 1.54 0.00	56.50 1.38 0.00	61.72 0.67 0.00	67.44 0.00 0.00	76.38 -0.23 0.00	82.30 0.16 0.00	86.90 1.37 0.00	82.28 1.06 0.00	76.65 0.76 0.00	66.74 0.27 0.00	59.79 0.24 0.00	56.02 2.21 0.00
CH_RES_SYRACUSE 23985	46.63 0.19 0.00	42.17 0.21 -0.04	37.36 0.11 0.00	37.20 -0.04 0.00	36.33 -0.04 0.00	36.13 -0.14 0.00	36.14 -0.14 0.00	38.32 -0.11 0.00	40.35 0.16 0.00	45.39 0.00 0.00	48.26 0.19 0.00	51.69 0.31 0.00	53.63 0.42 0.00	55.67 0.55 0.00	61.53 0.49 0.00	68.12 0.67 0.00	77.30 0.69 0.00	83.20 1.07 0.00	87.15 1.62 0.00	82.36 1.14 0.00	76.65 0.76 0.00	67.00 0.53 0.00	60.35 0.36 -0.45	54.77 0.54 -0.42
CLINTON_WT_PWR 323605	45.28 -1.16 0.00	40.74 -1.17 0.00	36.21 -1.04 0.00	36.24 -1.00 0.00	35.31 -1.06 0.00	35.15 -1.12 0.00	35.16 -1.13 0.00	37.32 -1.12 0.00	39.06 -1.13 0.00	44.85 -0.54 0.00	47.35 -0.72 0.00	50.61 -0.77 0.00	52.41 -0.80 0.00	54.24 -0.88 0.00	60.01 -1.04 0.00	65.48 -1.96 0.00	74.62 -1.99 0.00	79.43 -2.71 0.00	82.20 -3.34 0.00	78.79 -2.43 0.00	73.92 -1.97 0.00	64.94 -1.53 0.00	58.48 -1.07 0.00	52.42 -1.40 0.00
CLINTON___LFGE 323618	45.61 -0.83 0.00	41.03 -0.88 0.00	36.47 -0.78 0.00	36.46 -0.78 0.00	35.53 -0.83 0.00	35.37 -0.91 0.00	35.34 -0.94 0.00	37.59 -0.85 0.00	39.34 -0.85 0.00	45.21 -0.18 0.00	47.59 -0.48 0.00	50.87 -0.51 0.00	52.68 -0.53 0.00	54.52 -0.61 0.00	60.38 -0.67 0.00	65.82 -1.62 0.00	75.00 -1.61 0.00	79.92 -2.21 0.00	83.05 -2.48 0.00	79.60 -1.62 0.00	74.67 -1.22 0.00	65.54 -0.93 0.00	58.95 -0.60 0.00	52.85 -0.97 0.00
COBBLENY_34_KV_TB1 80064	46.86 0.42 0.00	43.05 1.13 0.00	38.14 0.89 0.00	37.13 -0.11 0.00	36.51 0.15 0.00	36.09 -0.18 0.00	36.54 0.25 0.00	39.28 0.85 0.00	42.72 2.53 0.00	47.29 1.91 0.00	50.47 2.40 0.00	54.62 3.24 0.00	56.62 3.41 0.00	58.59 3.47 0.00	63.91 2.87 0.00	70.07 2.63 0.00	79.37 2.76 0.00	85.75 3.61 0.00	90.75 5.22 0.00	85.93 4.71 0.00	79.91 4.02 0.00	69.53 3.06 0.00	62.17 2.62 0.00	57.96 4.14 0.00
COFFEEN___115KV_TB3 355620	49.46 3.02 0.00	44.48 2.51 -0.05	39.30 2.05 0.00	39.10 1.86 0.00	38.07 1.71 0.00	38.19 1.92 0.00	38.21 1.92 0.00	40.32 1.88 0.00	41.96 1.77 0.00	47.29 1.91 0.00	49.80 1.73 0.00	53.39 2.00 0.00	55.44 2.23 0.00	57.49 2.37 0.00	63.43 2.38 0.00	70.55 3.10 0.00	80.67 4.06 0.00	87.48 5.34 0.00	92.80 7.27 0.00	88.29 7.07 0.00	82.27 6.37 0.00	72.39 5.92 0.00	64.48 4.47 -0.46	58.56 4.31 -0.43
COLDSPRG_115KV_BK1 355956	47.28 0.84 0.00	43.38 1.47 0.00	38.44 1.19 0.00	37.54 0.30 0.00	36.95 0.58 0.00	36.52 0.25 0.00	37.05 0.76 0.00	39.90 1.46 0.00	43.40 3.21 0.00	48.25 2.86 0.00	51.48 3.41 0.00	55.70 4.32 0.00	57.79 4.58 0.00	59.81 4.69 0.00	65.20 4.15 0.00	71.62 4.18 0.00	81.36 4.75 0.00	87.97 5.83 0.00	93.23 7.70 0.00	88.37 7.15 0.00	82.11 6.22 0.00	71.32 4.85 0.00	63.72 4.17 0.00	59.04 5.22 0.00
COLONIE_LFGE___ 323577	48.21 1.76 0.00	43.47 1.55 0.00	38.70 1.45 0.00	38.73 1.49 0.00	37.86 1.49 0.00	37.76 1.49 0.00	37.74 1.45 0.00	39.86 1.42 0.00	41.55 1.37 0.00	46.02 1.00 0.36	48.09 0.87 0.85	50.76 0.82 1.44	52.65 0.80 1.36	55.16 0.88 0.84	62.15 1.10 0.00	69.46 2.02 0.00	79.06 2.45 0.00	85.51 3.37 0.00	89.47 3.94 0.00	84.63 3.41 0.00	78.77 2.88 0.00	68.73 2.26 0.00	61.16 1.61 0.00	55.49 1.67 0.00
COOPERNY_115KV_TB1 80082	48.21 1.76 0.00	43.51 1.59 0.00	38.63 1.38 0.00	38.58 1.34 0.00	37.75 1.38 0.00	37.69 1.41 0.00	37.66 1.38 0.00	39.90 1.46 0.00	41.67 1.49 0.00	46.93 1.36 -0.18	49.88 1.39 -0.42	53.44 1.34 -0.72	55.27 1.38 -0.68	56.92 1.38 -0.42	62.51 1.47 0.00	69.87 2.43 0.00	79.30 2.68 0.00	85.34 3.20 0.00	89.21 3.68 0.00	84.07 2.84 0.00	78.17 2.28 0.00	68.20 1.73 0.00	60.86 1.31 0.00	55.38 1.56 0.00
COPENHAGEN_WT_PWR 323753	48.76 2.32 0.00	43.98 2.01 -0.05	38.89 1.64 0.00	38.66 1.41 0.00	37.64 1.27 0.00	37.72 1.45 0.00	37.74 1.45 0.00	39.86 1.42 0.00	41.55 1.37 0.00	46.88 1.50 0.00	49.41 1.34 0.00	52.92 1.54 0.00	54.96 1.75 0.00	57.00 1.88 0.00	62.88 1.83 0.00	69.87 2.42 0.00	79.76 3.14 0.00	86.33 4.19 0.00	91.26 5.73 0.00	86.91 5.68 0.00	80.90 5.01 0.00	71.19 4.72 0.00	63.61 3.57 -0.49	57.72 3.45 -0.46
CORNELL_____ 23752	48.12 1.67 0.00	43.47 1.55 0.00	38.52 1.27 0.00	38.36 1.12 0.00	37.45 1.09 0.00	37.29 1.02 0.00	37.34 1.05 0.00	39.55 1.11 0.00	41.55 1.37 0.00	46.61 1.23 0.00	49.41 1.35 0.00	52.87 1.49 0.00	54.86 1.65 0.00	57.11 1.98 0.00	63.06 2.01 0.00	69.94 2.50 0.00	79.53 2.91 0.00	85.92 3.78 0.00	90.58 5.05 0.00	85.69 4.47 0.00	79.76 3.87 0.00	69.66 3.19 0.00	62.05 2.50 0.00	56.40 2.58 0.00

CORONA V_69_KV_TB1 355595	50.39 3.95 0.00	45.60 3.69 0.00	40.45 3.20 0.00	40.04 2.79 0.00	39.09 2.73 0.00	39.17 2.90 0.00	39.04 2.76 0.00	41.24 2.81 0.00	43.52 3.34 0.00	49.01 3.31 -0.31	52.30 3.51 -0.72	55.44 2.83 -1.23	56.97 2.61 -1.15	58.27 2.43 -0.72	63.60 2.56 0.01	71.69 4.25 0.00	81.21 4.60 0.00	87.72 5.59 0.00	91.61 6.07 0.00	85.60 4.39 0.01	79.16 3.57 0.30	69.06 2.59 0.01	62.47 1.97 -0.95	56.61 2.80 0.00
CORTLAND_115KV_TB3 80093	47.56 1.11 0.00	42.96 1.05 0.00	38.11 0.86 0.00	37.99 0.74 0.00	37.13 0.76 0.00	36.96 0.69 0.00	37.01 0.73 0.00	39.21 0.77 0.00	41.15 0.96 0.00	46.21 0.82 0.00	48.98 0.91 0.00	52.46 1.08 0.00	54.43 1.22 0.00	56.55 1.43 0.00	62.51 1.47 0.00	69.33 1.89 0.00	78.76 2.15 0.00	84.93 2.79 0.00	89.21 3.68 0.00	84.39 3.17 0.00	78.55 2.66 0.00	68.66 2.19 0.00	61.22 1.67 0.00	55.65 1.83 0.00
COXSACKIE__GT 23611	48.72 2.28 0.00	43.89 1.97 0.00	39.00 1.75 0.00	39.03 1.79 0.00	38.14 1.78 0.00	38.08 1.81 0.00	37.95 1.67 0.00	39.99 1.58 0.03	41.26 1.65 0.58	44.07 0.95 2.28	45.51 0.67 3.23	47.48 0.51 4.42	48.66 0.48 5.02	50.26 0.77 5.63	54.57 1.16 7.64	59.59 2.22 10.08	66.20 2.91 13.32	86.06 3.94 0.02	90.58 5.05 0.00	85.44 4.22 0.00	79.84 3.94 0.00	69.66 3.19 0.00	62.17 2.62 0.00	56.08 2.26 0.00
CPV_VALLEY__CC1 323721	48.35 1.90 0.00	43.51 1.59 0.00	38.70 1.45 0.00	38.69 1.45 0.00	37.82 1.46 0.00	37.76 1.49 0.00	37.74 1.45 0.00	39.98 1.54 0.00	41.75 1.57 0.00	47.03 1.41 -0.23	49.96 1.34 -0.55	53.60 1.29 -0.93	55.32 1.22 -0.88	56.94 1.27 -0.55	62.39 1.34 0.00	69.87 2.42 0.00	79.37 2.75 0.00	85.67 3.53 0.00	89.29 3.76 0.00	84.06 2.84 0.00	78.17 2.27 0.00	68.06 1.59 0.00	60.68 1.13 0.00	55.27 1.45 0.00
CPV_VALLEY__CC2 323722	48.35 1.90 0.00	43.51 1.59 0.00	38.70 1.45 0.00	38.69 1.45 0.00	37.82 1.46 0.00	37.76 1.49 0.00	37.74 1.45 0.00	39.98 1.54 0.00	41.75 1.57 0.00	47.03 1.41 -0.23	49.96 1.34 -0.55	53.60 1.29 -0.93	55.32 1.22 -0.88	56.94 1.27 -0.55	62.39 1.34 0.00	69.87 2.42 0.00	79.37 2.75 0.00	85.67 3.53 0.00	89.29 3.76 0.00	84.06 2.84 0.00	78.17 2.27 0.00	68.06 1.59 0.00	60.68 1.13 0.00	55.27 1.45 0.00
CRESCENT__HYD 24018	48.21 1.76 0.00	43.47 1.55 0.00	38.70 1.45 0.00	38.73 1.49 0.00	37.86 1.49 0.00	37.76 1.49 0.00	37.74 1.45 0.00	39.86 1.42 0.00	41.55 1.37 0.00	46.02 1.00 0.36	48.09 0.87 0.85	50.76 0.82 1.44	52.65 0.80 1.36	55.16 0.88 0.84	62.15 1.10 0.00	69.46 2.02 0.00	79.06 2.45 0.00	85.51 3.37 0.00	89.47 3.94 0.00	84.63 3.41 0.00	78.77 2.88 0.00	68.73 2.26 0.00	61.16 1.61 0.00	55.49 1.67 0.00
CRICKET__VALLEY_CC1 323756	48.30 1.86 0.00	43.47 1.55 0.00	38.66 1.42 0.00	38.66 1.41 0.00	37.78 1.42 0.00	37.72 1.45 0.00	37.70 1.41 0.00	39.93 1.50 0.00	41.68 1.49 0.00	42.64 1.18 3.93	39.95 1.06 9.17	36.70 0.93 15.61	39.28 0.80 14.73	46.73 0.77 9.16	62.02 0.97 0.00	69.60 2.16 0.00	79.06 2.45 0.00	85.51 3.37 0.00	89.12 3.59 0.00	83.90 2.68 0.00	78.01 2.12 0.00	67.93 1.46 0.00	60.38 0.83 0.00	55.05 1.24 0.00
CRICKET__VALLEY_CC2 323757	48.30 1.86 0.00	43.47 1.55 0.00	38.66 1.42 0.00	38.66 1.41 0.00	37.78 1.42 0.00	37.72 1.45 0.00	37.70 1.41 0.00	39.93 1.50 0.00	41.68 1.49 0.00	42.64 1.18 3.93	39.95 1.06 9.17	36.70 0.93 15.61	39.28 0.80 14.73	46.73 0.77 9.16	62.02 0.97 0.00	69.60 2.16 0.00	79.06 2.45 0.00	85.51 3.37 0.00	89.12 3.59 0.00	83.90 2.68 0.00	78.01 2.12 0.00	67.93 1.46 0.00	60.38 0.83 0.00	55.05 1.24 0.00
CRICKET__VALLEY_CC3 323758	48.30 1.86 0.00	43.47 1.55 0.00	38.66 1.42 0.00	38.66 1.41 0.00	37.78 1.42 0.00	37.72 1.45 0.00	37.70 1.41 0.00	39.93 1.50 0.00	41.68 1.49 0.00	42.64 1.18 3.93	39.95 1.06 9.17	36.70 0.93 15.61	39.28 0.80 14.73	46.73 0.77 9.16	62.02 0.97 0.00	69.60 2.16 0.00	79.06 2.45 0.00	85.51 3.37 0.00	89.12 3.59 0.00	83.90 2.68 0.00	78.01 2.12 0.00	67.93 1.46 0.00	60.38 0.83 0.00	55.05 1.24 0.00
CRUCIBLE_METL_DRP 24180	46.63 0.19 0.00	42.09 0.13 -0.04	37.32 0.07 0.00	37.20 -0.04 0.00	36.29 -0.07 0.00	36.13 -0.15 0.00	36.14 -0.15 0.00	38.32 -0.12 0.00	40.35 0.16 0.00	45.39 0.00 0.00	48.16 0.10 0.00	51.64 0.26 0.00	53.58 0.37 0.00	55.67 0.55 0.00	61.53 0.49 0.00	68.12 0.67 0.00	77.30 0.69 0.00	83.12 0.99 0.00	87.07 1.54 0.00	82.28 1.06 0.00	76.65 0.76 0.00	67.00 0.53 0.00	60.29 0.30 -0.45	54.77 0.54 -0.42
DAHOWA__HYDRO 323763	49.23 2.79 0.00	44.35 2.43 0.00	39.45 2.20 0.00	39.48 2.23 0.00	38.55 2.18 0.00	38.41 2.14 0.00	38.39 2.10 0.00	40.47 2.04 0.00	42.28 2.09 0.00	46.72 1.63 0.29	48.77 1.39 0.69	51.60 1.39 1.17	53.38 1.27 1.11	55.92 1.49 0.69	62.82 1.77 0.00	70.34 2.90 0.00	80.22 3.60 0.00	86.98 4.85 0.00	91.69 6.16 0.00	86.82 5.60 0.00	81.05 5.16 0.00	70.66 4.19 0.00	62.88 3.33 0.00	56.83 3.01 0.00
DANC__LFGE 323619	47.79 1.35 0.00	43.19 1.22 -0.06	38.18 0.93 0.00	37.99 0.74 0.00	37.05 0.69 0.00	37.03 0.76 0.00	37.05 0.76 0.00	39.17 0.73 0.00	40.99 0.80 0.00	46.16 0.77 0.00	48.83 0.77 0.00	52.26 0.87 0.00	54.22 1.01 0.00	56.17 1.04 0.00	62.02 0.97 0.00	68.86 1.42 0.00	78.45 1.84 0.00	84.69 2.55 0.00	89.21 3.68 0.00	84.71 3.49 0.00	78.85 2.96 0.00	69.26 2.79 0.00	62.31 2.14 -0.62	56.55 2.15 -0.58
DANSKAMMER__1 23586	49.37 2.93 0.00	44.43 2.51 0.00	39.45 2.20 0.00	39.36 2.12 0.00	38.47 2.11 0.00	38.45 2.18 0.00	38.43 2.14 0.00	40.70 2.27 0.00	42.60 2.41 0.00	47.85 2.22 -0.24	50.85 2.21 -0.57	54.51 2.16 -0.97	56.30 2.18 -0.91	57.95 2.26 -0.57	63.55 2.50 0.00	71.35 3.91 0.00	81.06 4.44 0.00	87.56 5.42 0.00	91.52 5.99 0.00	85.93 4.71 0.00	79.91 4.02 0.00	69.46 2.99 0.00	61.93 2.38 0.00	56.35 2.53 0.00
DANSKAMMER__2 23589	49.37 2.93 0.00	44.43 2.51 0.00	39.45 2.20 0.00	39.36 2.12 0.00	38.47 2.11 0.00	38.45 2.18 0.00	38.43 2.14 0.00	40.70 2.27 0.00	42.60 2.41 0.00	47.85 2.22 -0.24	50.85 2.21 -0.57	54.51 2.16 -0.97	56.30 2.18 -0.91	57.95 2.26 -0.57	63.55 2.50 0.00	71.35 3.91 0.00	81.06 4.44 0.00	87.56 5.42 0.00	91.52 5.99 0.00	85.93 4.71 0.00	79.91 4.02 0.00	69.46 2.99 0.00	61.93 2.38 0.00	56.35 2.53 0.00
DANSKAMMER__3 23590	49.37 2.93 0.00	44.43 2.51 0.00	39.45 2.20 0.00	39.36 2.12 0.00	38.47 2.11 0.00	38.45 2.18 0.00	38.43 2.14 0.00	40.70 2.27 0.00	42.60 2.41 0.00	47.85 2.22 -0.24	50.85 2.21 -0.57	54.51 2.16 -0.97	56.30 2.18 -0.91	57.95 2.26 -0.57	63.55 2.50 0.00	71.35 3.91 0.00	81.06 4.44 0.00	87.56 5.42 0.00	91.52 5.99 0.00	85.93 4.71 0.00	79.91 4.02 0.00	69.46 2.99 0.00	61.93 2.38 0.00	56.35 2.53 0.00

DANSKAMMER___4 23591	49.37 2.93 0.00	44.43 2.51 0.00	39.45 2.20 0.00	39.36 2.12 0.00	38.47 2.11 0.00	38.45 2.18 0.00	38.43 2.14 0.00	40.70 2.27 0.00	42.60 2.41 0.00	47.85 2.22 -0.24	50.85 2.21 -0.57	54.51 2.16 -0.97	56.30 2.18 -0.91	57.95 2.26 -0.57	63.55 2.50 0.00	71.35 3.91 0.00	81.06 4.44 0.00	87.56 5.42 0.00	91.52 5.99 0.00	85.93 4.71 0.00	79.91 4.02 0.00	69.46 2.99 0.00	61.93 2.38 0.00	56.35 2.53 0.00
DANSKAMMER___DIESEL 23592	49.37 2.93 0.00	44.51 2.60 0.00	39.52 2.27 0.00	39.36 2.12 0.00	38.51 2.15 0.00	38.52 2.25 0.00	38.46 2.18 0.00	40.70 2.27 0.00	42.60 2.41 0.00	47.86 2.22 -0.24	50.94 2.31 -0.57	54.51 2.16 -0.97	56.36 2.23 -0.91	57.95 2.26 -0.57	63.55 2.50 0.00	71.35 3.91 0.00	81.06 4.44 0.00	87.31 5.17 0.00	91.43 5.90 0.00	85.85 4.63 0.00	79.91 4.02 0.00	69.46 2.99 0.00	61.99 2.44 0.00	56.40 2.58 0.00
DARBY___SOLAR 323810	49.04 2.60 0.00	44.18 2.26 0.00	39.30 2.05 0.00	39.33 2.08 0.00	38.40 2.04 0.00	38.30 2.03 0.00	38.24 1.96 0.00	40.32 1.88 0.00	42.12 1.93 0.00	46.58 1.50 0.31	48.60 1.25 0.72	51.39 1.23 1.22	53.18 1.12 1.15	55.73 1.32 0.72	62.63 1.58 0.00	70.14 2.70 0.00	79.98 3.37 0.00	86.65 4.51 0.00	91.26 5.73 0.00	86.34 5.12 0.00	80.60 4.71 0.00	70.26 3.79 0.00	62.53 2.98 0.00	56.56 2.74 0.00
DASHVILLE___HYD 23610	49.00 2.55 0.00	44.18 2.26 0.00	39.22 1.97 0.00	39.14 1.90 0.00	38.25 1.89 0.00	38.23 1.96 0.00	38.14 1.85 0.00	40.39 1.96 0.01	42.22 2.17 0.14	47.01 2.00 0.38	49.71 2.02 0.38	52.90 1.90 0.38	54.56 1.92 0.57	56.09 1.93 0.96	61.34 2.14 1.84	68.45 3.44 2.43	77.31 3.91 3.21	86.24 4.11 0.01	90.15 4.62 0.00	84.72 3.49 0.00	78.85 2.96 0.00	68.73 2.26 0.00	61.40 1.85 0.00	55.86 2.05 0.00
DELAWARE___LFGE 323621	48.39 1.95 0.00	43.68 1.76 0.00	38.74 1.49 0.00	38.88 1.64 0.00	38.00 1.64 0.00	37.94 1.67 0.00	37.99 1.71 0.00	40.28 1.84 0.00	41.88 1.69 0.00	47.02 1.63 0.00	49.80 1.73 0.00	53.18 1.80 0.00	55.13 1.92 0.00	57.16 2.04 0.00	63.18 2.14 0.00	70.41 2.97 0.00	79.91 3.29 0.00	85.92 3.78 0.00	89.98 4.45 0.00	84.96 3.74 0.00	79.00 3.11 0.00	69.13 2.66 0.00	61.57 2.02 0.00	56.02 2.21 0.00
DERFIELD_115KV_TB7 355931	46.72 0.28 0.00	42.17 0.25 0.00	37.47 0.22 0.00	37.47 0.22 0.00	36.58 0.22 0.00	36.52 0.25 0.00	36.54 0.25 0.00	38.71 0.27 0.00	40.43 0.24 0.00	45.52 0.14 0.00	48.21 0.14 0.00	51.54 0.15 0.00	53.37 0.16 0.00	55.29 0.17 0.00	61.23 0.18 0.00	67.85 0.40 0.00	77.07 0.46 0.00	82.80 0.66 0.00	86.39 0.86 0.00	81.79 0.57 0.00	76.35 0.46 0.00	66.80 0.33 0.00	59.73 0.18 0.00	54.09 0.27 0.00
DOGLEVILLE___HYD 23807	45.75 -0.70 0.00	41.24 -0.67 0.00	36.58 -0.67 0.00	36.61 -0.63 0.00	35.71 -0.65 0.00	35.69 -0.58 0.00	35.70 -0.58 0.00	37.78 -0.65 0.00	39.42 -0.76 0.00	44.48 -0.91 0.00	47.06 -1.01 0.00	50.30 -1.08 0.00	52.15 -1.06 0.00	54.07 -1.05 0.00	59.82 -1.22 0.00	66.36 -1.08 0.00	75.39 -1.23 0.00	80.99 -1.15 0.00	84.59 -0.94 0.00	80.09 -1.14 0.00	74.60 -1.29 0.00	65.27 -1.20 0.00	58.24 -1.31 0.00	52.74 -1.08 0.00
DUNKIRK___115KV_TB_200 55889	46.91 0.46 0.00	43.09 1.17 0.00	38.18 0.93 0.00	37.20 -0.04 0.00	36.62 0.25 0.00	36.23 -0.04 0.00	36.72 0.44 0.00	39.51 1.08 0.00	43.00 2.81 0.00	47.66 2.27 0.00	50.85 2.79 0.00	55.03 3.65 0.00	57.04 3.83 0.00	59.03 3.91 0.00	64.34 3.30 0.00	70.55 3.10 0.00	80.06 3.45 0.00	86.57 4.44 0.00	91.69 6.16 0.00	86.91 5.69 0.00	80.82 4.93 0.00	70.32 3.86 0.00	62.88 3.33 0.00	58.55 4.74 0.00
DUNKIRK___1 23563	46.91 0.46 0.00	43.09 1.17 0.00	38.18 0.93 0.00	37.20 -0.04 0.00	36.62 0.25 0.00	36.23 -0.04 0.00	36.72 0.44 0.00	39.51 1.08 0.00	43.00 2.81 0.00	47.66 2.27 0.00	50.85 2.79 0.00	55.03 3.65 0.00	57.04 3.83 0.00	59.03 3.91 0.00	64.34 3.30 0.00	70.55 3.10 0.00	80.06 3.45 0.00	86.57 4.44 0.00	91.69 6.16 0.00	86.91 5.69 0.00	80.82 4.93 0.00	70.32 3.86 0.00	62.88 3.33 0.00	58.55 4.74 0.00
DUNKIRK___2 23564	46.91 0.46 0.00	43.09 1.17 0.00	38.18 0.93 0.00	37.20 -0.04 0.00	36.62 0.25 0.00	36.23 -0.04 0.00	36.72 0.44 0.00	39.51 1.08 0.00	43.00 2.81 0.00	47.66 2.27 0.00	50.85 2.79 0.00	55.03 3.65 0.00	57.04 3.83 0.00	59.03 3.91 0.00	64.34 3.30 0.00	70.55 3.10 0.00	80.06 3.45 0.00	86.57 4.44 0.00	91.69 6.16 0.00	86.91 5.69 0.00	80.82 4.93 0.00	70.32 3.86 0.00	62.88 3.33 0.00	58.55 4.74 0.00
DUNKIRK___3 23565	46.82 0.37 0.00	43.00 1.09 0.00	38.11 0.86 0.00	37.13 -0.11 0.00	36.55 0.18 0.00	36.13 -0.15 0.00	36.61 0.33 0.00	39.36 0.92 0.00	42.80 2.61 0.00	47.43 2.04 0.00	50.61 2.55 0.00	54.77 3.39 0.00	56.78 3.57 0.00	58.70 3.58 0.00	64.04 2.99 0.00	70.21 2.77 0.00	79.60 2.99 0.00	86.08 3.94 0.00	91.09 5.56 0.00	86.34 5.12 0.00	80.29 4.40 0.00	69.86 3.39 0.00	62.47 2.92 0.00	58.23 4.41 0.00
DUNKIRK___4 23566	46.82 0.37 0.00	43.00 1.09 0.00	38.11 0.86 0.00	37.13 -0.11 0.00	36.55 0.18 0.00	36.13 -0.15 0.00	36.61 0.33 0.00	39.36 0.92 0.00	42.80 2.61 0.00	47.43 2.04 0.00	50.61 2.55 0.00	54.77 3.39 0.00	56.78 3.57 0.00	58.70 3.58 0.00	64.04 2.99 0.00	70.21 2.77 0.00	79.60 2.99 0.00	86.08 3.94 0.00	91.09 5.56 0.00	86.34 5.12 0.00	80.29 4.40 0.00	69.86 3.39 0.00	62.47 2.92 0.00	58.23 4.41 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	49.46 3.02 0.00	44.60 2.68 0.00	39.60 2.35 0.00	39.44 2.20 0.00	38.58 2.22 0.00	38.56 2.29 0.00	38.53 2.25 0.00	40.82 2.38 0.00	42.80 2.61 0.00	48.19 2.50 -0.31	51.38 2.60 -0.72	55.03 2.41 -1.23	56.76 2.39 -1.16	58.16 2.32 -0.72	63.55 2.50 0.00	71.35 3.91 0.00	80.98 4.37 0.00	87.15 5.01 0.00	91.09 5.56 0.00	85.61 4.39 0.00	79.53 3.64 0.00	69.13 2.66 0.00	61.69 2.14 0.00	56.29 2.48 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	49.04 2.60 0.00	44.22 2.31 0.00	39.26 2.01 0.00	39.14 1.90 0.00	38.29 1.93 0.00	38.27 1.99 0.00	38.21 1.92 0.00	40.47 2.04 0.00	42.32 2.13 0.00	47.63 2.00 -0.24	50.65 2.02 -0.57	54.25 1.90 -0.97	56.04 1.92 -0.91	57.62 1.93 -0.57	63.18 2.14 0.00	70.88 3.44 0.00	80.44 3.83 0.00	86.66 4.52 0.00	90.66 5.13 0.00	85.20 3.98 0.00	79.31 3.42 0.00	69.00 2.53 0.00	61.57 2.02 0.00	56.02 2.21 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	50.03 3.58 -0.01	45.07 3.14 -0.01	40.01 2.76 -0.01	39.82 2.57 -0.01	38.99 2.62 -0.01	38.93 2.65 -0.01	38.86 2.58 0.00	40.97 2.54 0.00	42.76 2.57 0.00	48.19 2.50 -0.31	51.24 2.45 -0.72	54.77 2.16 -1.23	56.39 2.02 -1.16	57.94 2.09 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	80.90 4.29 0.01	86.98 4.85 0.01	90.91 5.39 0.01	85.36 4.14 0.01	79.30 3.42 0.01	68.85 2.39 0.01	61.57 2.02 0.00	56.46 2.64 -0.01

E179THST_13_KV_LOAD 356214	50.31 3.85 -0.01	45.32 3.40 -0.01	40.24 2.98 -0.01	40.01 2.76 -0.01	39.17 2.80 -0.01	39.14 2.87 -0.01	39.04 2.76 0.00	41.17 2.73 0.00	43.00 2.81 0.00	48.51 2.81 -0.31	51.53 2.74 -0.72	55.13 2.52 -1.23	56.76 2.39 -1.16	58.32 2.48 -0.72	63.72 2.69 0.01	71.75 4.32 0.01	81.43 4.83 0.01	87.55 5.42 0.01	91.51 5.99 0.01	85.93 4.71 0.01	79.83 3.95 0.01	69.25 2.79 0.01	61.93 2.38 0.00	56.78 2.96 -0.01
EAST HAMPTON___GT 23717	52.57 6.13 0.00	47.28 5.37 0.00	42.20 4.95 0.00	41.38 4.13 0.00	40.22 3.85 0.00	40.48 4.21 0.00	39.84 3.56 0.00	42.24 3.81 0.00	45.09 4.90 0.00	51.10 5.40 -0.31	54.12 5.33 -0.72	57.18 4.57 -1.23	58.88 4.52 -1.15	60.59 4.85 -0.62	65.67 5.06 0.44	74.52 7.08 0.00	84.35 7.97 0.23	92.32 10.18 0.00	96.48 10.95 0.00	89.34 8.12 0.01	79.13 6.22 2.99	71.18 5.05 0.34	60.55 3.75 2.75	57.58 3.77 0.00
EAST RIVER___6 23660	49.69 3.25 0.00	44.64 2.72 0.00	39.67 2.42 0.00	39.55 2.31 0.00	38.66 2.29 0.00	38.63 2.36 0.00	38.64 2.36 0.00	40.97 2.54 0.00	42.96 2.77 0.00	48.47 2.77 -0.31	51.48 2.69 -0.72	55.13 2.52 -1.23	56.77 2.40 -1.16	58.26 2.42 -0.72	63.67 2.62 0.00	71.49 4.05 0.00	81.13 4.52 0.00	87.64 5.50 0.00	91.26 5.73 0.00	85.69 4.46 0.00	79.53 3.64 0.00	68.99 2.53 0.00	61.63 2.08 0.00	56.35 2.53 0.00
EAST RIVER___7 23524	49.69 3.25 0.00	44.64 2.72 0.00	39.67 2.42 0.00	39.55 2.31 0.00	38.66 2.29 0.00	38.63 2.36 0.00	38.64 2.36 0.00	40.97 2.54 0.00	42.96 2.77 0.00	48.47 2.77 -0.31	51.48 2.69 -0.72	55.13 2.52 -1.23	56.77 2.40 -1.16	58.26 2.42 -0.72	63.67 2.62 0.00	71.49 4.05 0.00	81.13 4.52 0.00	87.64 5.50 0.00	91.26 5.73 0.00	85.69 4.46 0.00	79.53 3.64 0.00	68.99 2.53 0.00	61.63 2.08 0.00	56.35 2.53 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	49.32 2.88 0.00	44.51 2.60 0.00	39.52 2.27 0.00	39.33 2.09 0.00	38.51 2.15 0.00	38.48 2.21 0.00	38.43 2.14 0.00	40.70 2.27 0.00	42.64 2.45 0.00	48.06 2.36 -0.31	51.24 2.45 -0.72	54.87 2.26 -1.22	56.60 2.23 -1.16	58.04 2.20 -0.72	63.43 2.38 0.00	71.22 3.78 0.00	80.83 4.21 0.00	86.98 4.85 0.00	90.92 5.39 0.00	85.45 4.22 0.00	79.38 3.49 0.00	69.00 2.53 0.00	61.57 2.02 0.00	56.18 2.37 0.00
EAST_HAMPTON___DIESEL 23722	52.57 6.13 0.00	47.28 5.37 0.00	42.20 4.95 0.00	41.38 4.13 0.00	40.22 3.85 0.00	40.48 4.21 0.00	39.80 3.52 0.00	42.21 3.77 0.00	45.09 4.90 0.00	51.10 5.40 -0.31	54.12 5.33 -0.72	57.13 4.52 -1.23	58.88 4.52 -1.15	60.59 4.85 -0.62	65.61 5.01 0.44	74.52 7.08 0.00	84.35 7.97 0.23	92.32 10.18 0.00	96.40 10.86 0.00	89.34 8.12 0.01	79.13 6.22 2.99	71.18 5.05 0.34	60.49 3.69 2.75	57.58 3.77 0.00
EAST_POINT___SOLAR 323840	51.83 5.38 0.00	46.73 4.82 0.00	41.42 4.17 0.00	41.41 4.17 0.00	40.44 4.07 0.00	40.26 3.99 0.00	39.84 3.56 0.00	41.40 2.96 0.00	43.16 2.97 0.00	47.89 2.68 0.17	50.30 2.64 0.41	53.20 2.52 0.69	54.95 2.40 0.66	57.36 2.65 0.41	64.59 3.54 0.00	72.43 4.99 0.00	82.75 6.13 0.00	90.10 7.97 0.00	95.28 9.75 0.00	91.71 10.48 0.00	86.29 10.40 0.00	75.17 8.71 0.00	66.93 7.38 0.00	60.33 6.51 0.00
EAST_PULASKI___ESR 323781	46.91 0.46 0.00	42.47 0.46 -0.09	37.55 0.30 0.00	37.39 0.15 0.00	36.47 0.11 0.00	36.38 0.11 0.00	36.39 0.11 0.00	38.55 0.12 0.00	40.47 0.28 0.00	45.48 0.09 0.00	48.26 0.19 0.00	51.64 0.26 0.00	53.59 0.38 0.00	55.34 0.22 0.00	61.17 0.12 0.00	67.78 0.34 0.00	77.15 0.54 0.00	83.04 0.91 0.00	87.07 1.54 0.00	82.52 1.30 0.00	76.88 0.98 0.00	67.40 0.93 0.00	61.14 0.66 -0.93	55.66 0.97 -0.88
EAST_RIVER___1 323558	49.74 3.30 0.00	44.72 2.81 0.00	39.71 2.46 0.00	39.59 2.35 0.00	38.73 2.36 0.00	38.66 2.39 0.00	38.72 2.43 0.00	41.05 2.62 0.00	43.04 2.85 0.00	48.51 2.82 -0.31	51.53 2.74 -0.72	55.23 2.62 -1.23	56.87 2.50 -1.16	58.32 2.48 -0.72	63.73 2.68 0.00	71.63 4.18 0.00	81.29 4.67 0.00	87.80 5.66 0.00	91.43 5.90 0.00	85.85 4.63 0.00	79.68 3.79 0.00	69.13 2.66 0.00	61.69 2.14 0.00	56.45 2.64 0.00
EAST_RIVER___2 323559	49.69 3.25 0.00	44.64 2.72 0.00	39.67 2.42 0.00	39.55 2.31 0.00	38.66 2.29 0.00	38.63 2.36 0.00	38.64 2.36 0.00	40.97 2.54 0.00	42.96 2.77 0.00	48.47 2.77 -0.31	51.48 2.69 -0.72	55.13 2.52 -1.23	56.77 2.40 -1.16	58.26 2.42 -0.72	63.67 2.62 0.00	71.49 4.05 0.00	81.13 4.52 0.00	87.64 5.50 0.00	91.26 5.73 0.00	85.69 4.46 0.00	79.53 3.64 0.00	68.99 2.53 0.00	61.63 2.08 0.00	56.35 2.53 0.00
EAST___DELAWARE_HYD 23607	48.90 2.46 0.00	43.97 2.05 0.00	39.00 1.75 0.00	38.96 1.71 0.00	38.04 1.67 0.00	38.05 1.78 0.00	38.03 1.74 0.00	40.28 1.84 0.00	42.03 1.89 0.04	47.14 1.72 -0.02	49.92 1.64 -0.22	53.44 1.59 -0.46	55.23 1.65 -0.37	56.92 1.76 -0.03	62.40 1.95 0.59	69.90 3.24 0.78	79.25 3.68 1.04	86.90 4.76 0.00	90.92 5.39 0.00	85.36 4.14 0.00	79.38 3.49 0.00	69.06 2.59 0.00	61.51 1.96 0.00	55.91 2.10 0.00
EIGHT_POINT___WT_PWR 323820	47.56 1.11 0.00	43.68 1.76 0.00	38.52 1.27 0.00	37.65 0.41 0.00	36.98 0.62 0.00	36.63 0.36 0.00	36.97 0.69 0.00	39.32 0.88 0.00	42.08 1.89 0.00	46.80 1.41 0.00	49.89 1.83 0.00	53.64 2.26 0.00	55.82 2.61 0.00	57.93 2.81 0.00	63.61 2.56 0.00	70.01 2.56 0.00	79.52 2.91 0.00	86.49 4.35 0.00	91.77 6.24 0.00	87.15 5.93 0.00	81.36 5.47 0.00	70.86 4.39 0.00	63.66 4.11 0.00	58.28 4.46 0.00
ELBRIDGE_115KV_TB2 80188	46.58 0.14 0.00	42.13 0.17 -0.05	37.32 0.07 0.00	37.20 -0.04 0.00	36.33 -0.04 0.00	36.13 -0.15 0.00	36.18 -0.11 0.00	38.36 -0.08 0.00	40.43 0.24 0.00	45.39 0.00 0.00	48.21 0.14 0.00	51.69 0.31 0.00	53.58 0.37 0.00	55.67 0.55 0.00	61.53 0.49 0.00	68.05 0.61 0.00	77.23 0.61 0.00	83.12 0.99 0.00	87.16 1.63 0.00	82.36 1.14 0.00	76.73 0.83 0.00	67.07 0.60 0.00	60.36 0.36 -0.45	54.83 0.59 -0.43
ELEC_TRO_TEK 24086	50.07 3.62 0.00	45.31 3.40 0.00	40.15 2.91 0.00	39.74 2.50 0.00	38.80 2.44 0.00	38.88 2.61 0.00	38.79 2.50 0.00	40.94 2.50 0.00	43.20 3.01 0.00	48.65 2.95 -0.31	51.91 3.12 -0.72	54.92 2.31 -1.23	56.44 2.08 -1.15	57.66 1.82 -0.72	62.93 1.89 0.01	71.02 3.57 0.00	80.37 3.75 0.00	86.82 4.68 0.00	90.66 5.13 0.00	84.71 3.49 0.01	78.00 2.81 0.70	68.39 1.93 0.01	60.82 1.37 0.10	56.08 2.26 0.00
ELLENBURG_WT_PWR 323604	45.28 -1.16 0.00	40.74 -1.17 0.00	36.21 -1.04 0.00	36.24 -1.00 0.00	35.31 -1.06 0.00	35.15 -1.12 0.00	35.16 -1.13 0.00	37.32 -1.12 0.00	39.06 -1.13 0.00	44.85 -0.54 0.00	47.35 -0.72 0.00	50.61 -0.77 0.00	52.41 -0.80 0.00	54.24 -0.88 0.00	60.01 -1.04 0.00	65.48 -1.96 0.00	74.62 -1.99 0.00	79.43 -2.71 0.00	82.20 -3.34 0.00	78.79 -2.43 0.00	73.92 -1.97 0.00	64.94 -1.53 0.00	58.48 -1.07 0.00	52.42 -1.40 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	46.63 0.19 0.00	42.84 0.92 0.00	37.96 0.71 0.00	36.98 -0.26 0.00	36.33 -0.04 0.00	35.94 -0.33 0.00	36.39 0.11 0.00	39.05 0.61 0.00	42.48 2.29 0.00	46.93 1.54 0.00	50.08 2.02 0.00	54.21 2.83 0.00	56.19 2.98 0.00	58.04 2.92 0.00	63.43 2.38 0.00	69.47 2.02 0.00	78.68 2.07 0.00	84.93 2.79 0.00	89.81 4.28 0.00	85.04 3.82 0.00	79.16 3.26 0.00	68.93 2.46 0.00	61.63 2.08 0.00	57.58 3.77 0.00
EMPIRE_CC_1 323656	47.23 0.79 0.00	42.58 0.67 0.00	37.96 0.71 0.00	38.06 0.82 0.00	37.20 0.84 0.00	37.14 0.87 0.00	37.12 0.84 0.00	39.21 0.77 0.00	40.79 0.60 0.00	45.01 0.09 0.47	46.93 -0.05 1.09	49.37 -0.15 1.85	51.20 -0.26 1.75	53.76 -0.27 1.09	60.86 -0.18 0.00	67.98 0.54 0.00	77.38 0.77 0.00	83.53 1.40 0.00	87.24 1.71 0.00	82.44 1.22 0.00	76.73 0.84 0.00	67.00 0.53 0.00	59.61 0.06 0.00	54.20 0.38 0.00
EMPIRE_CC_2 323658	47.23 0.79 0.00	42.58 0.67 0.00	37.96 0.71 0.00	38.06 0.82 0.00	37.20 0.84 0.00	37.14 0.87 0.00	37.12 0.84 0.00	39.21 0.77 0.00	40.79 0.60 0.00	45.01 0.09 0.47	46.93 -0.05 1.09	49.37 -0.15 1.85	51.20 -0.26 1.75	53.76 -0.27 1.09	60.86 -0.18 0.00	67.98 0.54 0.00	77.38 0.77 0.00	83.53 1.40 0.00	87.24 1.71 0.00	82.44 1.22 0.00	76.73 0.84 0.00	67.00 0.53 0.00	59.61 0.06 0.00	54.20 0.38 0.00
ENORWICH_115KV_TB1 80156	50.76 4.32 0.00	45.73 3.81 0.00	40.38 3.13 0.00	40.22 2.98 0.00	39.27 2.91 0.00	39.32 3.05 0.00	39.48 3.19 0.00	41.78 3.34 0.00	43.52 3.34 0.00	48.93 3.54 0.00	51.67 3.60 0.00	55.44 4.06 0.00	57.68 4.47 0.00	60.30 5.18 0.00	66.36 5.31 0.00	74.12 6.68 0.00	84.35 7.74 0.00	91.42 9.28 0.00	96.99 11.46 0.00	91.54 10.32 0.00	84.85 8.96 0.00	74.18 7.71 0.00	65.62 6.07 0.00	59.74 5.92 0.00
ERIE_ST__34_KV_TB1-2 80199	46.68 0.23 0.00	42.84 0.92 0.00	37.92 0.67 0.00	36.91 -0.34 0.00	36.36 0.00 0.00	35.87 -0.40 0.00	36.39 0.11 0.00	39.13 0.69 0.00	42.52 2.33 0.00	47.11 1.72 0.00	50.28 2.21 0.00	54.41 3.03 0.00	56.51 3.30 0.00	58.43 3.31 0.00	63.85 2.81 0.00	70.07 2.63 0.00	79.45 2.83 0.00	85.84 3.70 0.00	90.75 5.22 0.00	85.85 4.63 0.00	79.91 4.02 0.00	69.46 2.99 0.00	62.05 2.50 0.00	57.69 3.87 0.00
ERIE_WT_PWR 323693	46.81 0.37 0.00	43.63 1.72 0.00	38.55 1.30 0.00	37.17 -0.07 0.00	36.51 0.15 0.00	36.05 -0.22 0.00	36.43 0.15 0.00	39.13 0.69 0.00	42.64 2.45 0.00	47.21 1.82 0.00	50.52 2.45 0.00	54.57 3.19 0.00	56.78 3.57 0.00	58.32 3.20 0.00	63.73 2.68 0.00	69.80 2.36 0.00	79.06 2.45 0.00	85.43 3.29 0.00	90.41 4.87 0.00	85.61 4.38 0.00	79.61 3.72 0.00	69.33 2.86 0.00	62.41 2.86 0.00	57.85 4.04 0.00
ESPRGFLD_115KV_TB1 80157	50.72 4.27 0.00	45.73 3.81 0.00	40.53 3.28 0.00	40.59 3.35 0.00	39.64 3.27 0.00	39.57 3.30 0.00	39.55 3.27 0.00	41.78 3.34 0.00	43.52 3.34 0.00	48.73 3.45 0.11	51.38 3.56 0.25	54.76 3.80 0.42	56.75 3.94 0.40	59.17 4.30 0.25	65.75 4.70 0.00	73.31 5.87 0.00	83.43 6.82 0.00	90.19 8.05 0.00	94.94 9.41 0.00	90.08 8.85 0.00	83.94 8.04 0.00	73.32 6.85 0.00	65.21 5.66 0.00	59.09 5.27 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	48.02 1.58 0.00	43.38 1.47 0.00	38.44 1.19 0.00	38.28 1.04 0.00	37.42 1.05 0.00	37.21 0.94 0.00	37.26 0.98 0.00	39.51 1.08 0.00	41.47 1.29 0.00	46.52 1.13 0.00	49.32 1.25 0.00	52.82 1.44 0.00	54.81 1.60 0.00	57.00 1.87 0.00	63.00 1.95 0.00	69.87 2.43 0.00	79.45 2.83 0.00	85.75 3.61 0.00	90.32 4.79 0.00	85.45 4.22 0.00	79.53 3.64 0.00	69.46 2.99 0.00	61.87 2.32 0.00	56.24 2.42 0.00
ETNA____115KV_TB2 80207	48.02 1.58 0.00	43.38 1.47 0.00	38.44 1.19 0.00	38.28 1.04 0.00	37.42 1.05 0.00	37.21 0.94 0.00	37.26 0.98 0.00	39.51 1.08 0.00	41.47 1.29 0.00	46.52 1.13 0.00	49.32 1.25 0.00	52.82 1.44 0.00	54.81 1.60 0.00	57.00 1.87 0.00	63.00 1.95 0.00	69.87 2.43 0.00	79.45 2.83 0.00	85.75 3.61 0.00	90.32 4.79 0.00	85.45 4.22 0.00	79.53 3.64 0.00	69.46 2.99 0.00	61.87 2.32 0.00	56.24 2.42 0.00
EUCLID___115KV_TB2 356179	46.26 -0.19 0.00	41.81 -0.13 -0.02	37.10 -0.15 0.00	36.94 -0.30 0.00	36.07 -0.29 0.00	35.91 -0.36 0.00	35.99 -0.29 0.00	38.13 -0.31 0.00	40.15 -0.04 0.00	45.12 -0.27 0.00	47.87 -0.19 0.00	51.33 -0.05 0.00	53.26 0.05 0.00	55.29 0.17 0.00	61.11 0.06 0.00	67.58 0.13 0.00	76.77 0.15 0.00	82.55 0.41 0.00	86.39 0.86 0.00	81.71 0.49 0.00	76.12 0.23 0.00	66.54 0.07 0.00	59.64 -0.12 -0.21	54.18 0.16 -0.20
E_CANADA_CAP_HY 24051	51.69 5.25 0.00	46.61 4.69 0.00	41.35 4.10 0.00	41.34 4.10 0.00	40.36 4.00 0.00	40.22 3.95 0.00	40.06 3.77 0.00	42.09 3.65 0.00	43.88 3.69 0.00	48.82 3.58 0.16	51.25 3.56 0.37	54.46 3.70 0.63	56.34 3.72 0.59	58.83 4.08 0.37	65.75 4.70 0.00	73.52 6.07 0.00	83.97 7.36 0.00	91.17 9.04 0.00	96.31 10.78 0.00	91.78 10.55 0.00	85.75 9.86 0.00	74.78 8.31 0.00	66.57 7.02 0.00	60.11 6.29 0.00
E_CANADA_MHWK_HY 24050	45.75 -0.70 0.00	41.20 -0.71 0.00	36.58 -0.67 0.00	36.61 -0.63 0.00	35.71 -0.65 0.00	35.69 -0.58 0.00	35.70 -0.58 0.00	37.78 -0.65 0.00	39.42 -0.76 0.00	44.48 -0.91 0.00	47.05 -1.01 0.00	50.30 -1.08 0.00	52.15 -1.06 0.00	54.07 -1.05 0.00	59.83 -1.22 0.00	66.36 -1.08 0.00	75.38 -1.23 0.00	80.99 -1.15 0.00	84.59 -0.94 0.00	80.09 -1.14 0.00	74.60 -1.29 0.00	65.28 -1.19 0.00	58.18 -1.37 0.00	52.74 -1.08 0.00
E_FISHKILL___LBMP 23776	48.81 2.37 0.00	44.01 2.10 0.00	39.11 1.86 0.00	38.99 1.75 0.00	38.15 1.78 0.00	38.12 1.85 0.00	38.10 1.81 0.00	40.32 1.88 0.00	42.16 1.97 0.00	47.47 1.77 -0.32	50.63 1.83 -0.74	54.29 1.64 -1.26	55.99 1.60 -1.19	57.40 1.54 -0.74	62.76 1.71 0.00	70.41 2.97 0.00	79.91 3.29 0.00	86.00 3.86 0.00	89.90 4.36 0.00	84.55 3.33 0.00	78.62 2.73 0.00	68.46 1.99 0.00	61.04 1.49 0.00	55.65 1.83 0.00
FALCON___SEABRD_CC1 323796	45.24 -1.21 0.00	40.70 -1.22 0.00	36.21 -1.04 0.00	36.20 -1.04 0.00	35.27 -1.09 0.00	35.11 -1.16 0.00	35.09 -1.20 0.00	37.32 -1.12 0.00	39.02 -1.17 0.00	44.85 -0.54 0.00	47.05 -1.01 0.00	50.36 -1.03 0.00	52.15 -1.06 0.00	53.96 -1.16 0.00	59.70 -1.34 0.00	65.08 -2.36 0.00	74.24 -2.38 0.00	79.02 -3.12 0.00	81.94 -3.59 0.00	78.46 -2.76 0.00	73.69 -2.20 0.00	64.68 -1.79 0.00	58.18 -1.37 0.00	52.20 -1.61 0.00
FALCON___SEABRD_CC2 323797	45.24 -1.21 0.00	40.70 -1.22 0.00	36.21 -1.04 0.00	36.20 -1.04 0.00	35.27 -1.09 0.00	35.11 -1.16 0.00	35.09 -1.20 0.00	37.32 -1.12 0.00	39.02 -1.17 0.00	44.85 -0.54 0.00	47.05 -1.01 0.00	50.36 -1.03 0.00	52.15 -1.06 0.00	53.96 -1.16 0.00	59.70 -1.34 0.00	65.08 -2.36 0.00	74.24 -2.38 0.00	79.02 -3.12 0.00	81.94 -3.59 0.00	78.46 -2.76 0.00	73.69 -2.20 0.00	64.68 -1.79 0.00	58.18 -1.37 0.00	52.20 -1.61 0.00

FAR ROCKAWAY___4 23548	51.27 4.83 0.00	46.36 4.44 0.00	41.09 3.84 0.00	40.59 3.35 0.00	39.64 3.27 0.00	39.72 3.45 0.00	39.59 3.30 0.00	41.82 3.38 0.00	44.21 4.02 0.00	49.87 4.18 -0.31	53.26 4.47 -0.72	56.46 3.85 -1.23	58.09 3.72 -1.15	59.42 3.58 -0.72	64.95 3.91 0.01	73.31 5.87 0.00	83.05 6.44 0.00	89.78 7.64 0.00	93.83 8.30 0.00	87.55 6.34 0.01	80.81 5.24 0.31	70.52 4.05 0.01	63.79 3.22 -1.02	57.74 3.93 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	49.74 3.30 0.00	44.85 2.93 0.00	39.78 2.53 0.00	39.59 2.35 0.00	38.76 2.40 0.00	38.74 2.47 0.00	38.72 2.43 0.00	41.01 2.58 0.00	43.04 2.85 0.00	48.47 2.77 -0.31	51.62 2.84 -0.72	55.23 2.62 -1.23	56.92 2.55 -1.16	58.38 2.54 -0.72	63.73 2.69 0.00	71.62 4.18 0.00	81.21 4.60 0.00	87.40 5.26 0.00	91.26 5.73 0.00	85.69 4.47 0.00	79.61 3.72 0.00	69.13 2.66 0.00	61.81 2.26 0.00	56.40 2.58 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	49.74 3.30 0.00	44.85 2.93 0.00	39.78 2.53 0.00	39.59 2.35 0.00	38.76 2.40 0.00	38.74 2.47 0.00	38.72 2.43 0.00	41.05 2.61 0.00	43.04 2.85 0.00	48.51 2.81 -0.31	51.62 2.84 -0.72	55.23 2.62 -1.23	56.92 2.55 -1.16	58.38 2.54 -0.72	63.73 2.69 0.00	71.62 4.18 0.00	81.29 4.67 0.00	87.40 5.26 0.00	91.35 5.82 0.00	85.77 4.55 0.00	79.69 3.79 0.00	69.13 2.66 0.00	61.81 2.26 0.00	56.40 2.58 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	49.69 3.25 0.00	44.81 2.89 0.00	39.75 2.50 0.00	39.55 2.31 0.00	38.73 2.36 0.00	38.70 2.43 0.00	38.68 2.39 0.00	41.01 2.58 0.00	43.00 2.81 0.00	48.47 2.77 -0.31	51.58 2.79 -0.72	55.18 2.57 -1.23	56.87 2.50 -1.16	58.32 2.48 -0.72	63.67 2.62 0.00	71.56 4.11 0.00	81.13 4.52 0.00	87.31 5.17 0.00	91.18 5.65 0.00	85.61 4.39 0.00	79.53 3.64 0.00	69.06 2.59 0.00	61.75 2.20 0.00	56.35 2.53 0.00
FARRAGUT___LBMP 323566	49.69 3.25 0.00	44.77 2.85 0.00	39.75 2.50 0.00	39.55 2.31 0.00	38.69 2.33 0.00	38.66 2.39 0.00	38.64 2.36 0.00	40.97 2.54 0.00	42.96 2.77 0.00	48.42 2.72 -0.31	51.53 2.74 -0.72	55.13 2.52 -1.23	56.82 2.45 -1.16	58.27 2.43 -0.72	63.61 2.56 0.00	71.49 4.05 0.00	81.06 4.44 0.00	87.23 5.09 0.00	91.09 5.56 0.00	85.53 4.30 0.00	79.46 3.57 0.00	69.00 2.53 0.00	61.69 2.14 0.00	56.29 2.48 0.00
FENNER___WINDPWR 24204	47.84 1.39 0.00	43.22 1.30 0.00	38.29 1.04 0.00	38.17 0.93 0.00	37.23 0.87 0.00	37.18 0.91 0.00	37.19 0.91 0.00	39.40 0.96 0.00	41.23 1.04 0.00	46.43 1.04 0.00	49.17 1.11 0.00	52.67 1.29 0.00	54.70 1.49 0.00	56.83 1.71 0.00	62.82 1.77 0.00	69.67 2.22 0.00	79.22 2.61 0.00	85.43 3.29 0.00	89.55 4.02 0.00	84.79 3.57 0.00	78.85 2.96 0.00	68.99 2.53 0.00	61.51 1.96 0.00	55.81 1.99 0.00
FIBERTEK___ENERGY 23856	46.63 0.19 0.00	42.09 0.13 -0.04	37.32 0.07 0.00	37.20 -0.04 0.00	36.29 -0.07 0.00	36.13 -0.15 0.00	36.14 -0.15 0.00	38.32 -0.12 0.00	40.35 0.16 0.00	45.39 0.00 0.00	48.16 0.10 0.00	51.64 0.26 0.00	53.58 0.37 0.00	55.67 0.55 0.00	61.53 0.49 0.00	68.12 0.67 0.00	77.30 0.69 0.00	83.12 0.99 0.00	87.07 1.54 0.00	82.28 1.06 0.00	76.65 0.76 0.00	67.00 0.53 0.00	60.29 0.30 -0.45	54.77 0.54 -0.42
FITZPATRICK___ 23598	45.47 -0.98 0.00	40.70 -0.80 0.42	36.50 -0.74 0.00	36.35 -0.89 0.00	35.49 -0.87 0.00	35.40 -0.87 0.00	35.41 -0.87 0.00	37.55 -0.88 0.00	39.47 -0.72 0.00	44.35 -1.04 0.00	47.15 -0.91 0.00	50.46 -0.92 0.00	52.31 -0.90 0.00	54.18 -0.94 0.00	59.95 -1.10 0.00	66.30 -1.15 0.00	75.24 -1.38 0.00	80.91 -1.23 0.00	84.51 -1.02 0.00	80.01 -1.22 0.00	74.60 -1.29 0.00	65.28 -1.19 0.00	54.20 -1.19 4.16	49.10 -0.81 3.91
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	49.46 3.02 0.00	44.64 2.72 0.00	39.60 2.35 0.00	39.44 2.20 0.00	38.58 2.22 0.00	38.59 2.32 0.00	38.53 2.25 0.00	40.78 2.34 0.00	42.68 2.49 0.00	48.00 2.36 -0.25	51.05 2.40 -0.58	54.69 2.31 -0.99	56.49 2.34 -0.94	58.07 2.37 -0.58	63.67 2.62 0.00	71.56 4.11 0.00	81.21 4.60 0.00	87.56 5.42 0.00	91.69 6.16 0.00	86.10 4.87 0.00	80.07 4.17 0.00	69.59 3.12 0.00	62.17 2.62 0.00	56.51 2.69 0.00
FORT ORANGE___ 23900	46.91 0.46 0.00	42.25 0.33 0.00	37.62 0.37 0.00	37.76 0.52 0.00	36.91 0.55 0.00	36.85 0.58 0.00	36.79 0.51 0.00	38.86 0.42 0.00	40.38 0.28 0.09	44.50 -0.32 0.57	46.58 -0.48 1.01	49.23 -0.61 1.54	50.88 -0.75 1.59	53.07 -0.66 1.39	59.21 -0.61 1.23	65.82 0.00 1.62	74.63 0.15 2.14	82.87 0.74 0.00	86.64 1.11 0.00	81.87 0.65 0.00	76.27 0.38 0.00	66.60 0.13 0.00	59.43 -0.12 0.00	53.87 0.05 0.00
FORT_DRUM_COGEN 23780	48.91 2.46 0.00	44.01 2.05 -0.04	38.93 1.68 0.00	38.73 1.49 0.00	37.71 1.35 0.00	37.83 1.56 0.00	37.85 1.56 0.00	39.94 1.50 0.00	41.63 1.45 0.00	46.98 1.59 0.00	49.51 1.44 0.00	53.03 1.64 0.00	55.02 1.81 0.00	57.11 1.98 0.00	63.00 1.95 0.00	70.01 2.56 0.00	79.98 3.37 0.00	86.66 4.52 0.00	91.69 6.16 0.00	87.31 6.09 0.00	81.28 5.39 0.00	71.52 5.05 0.00	63.79 3.81 -0.43	57.94 3.71 -0.41
FOX_HILLS___ESR 323835	50.07 3.62 -0.01	45.19 3.27 -0.01	40.09 2.83 -0.01	39.89 2.64 -0.01	39.06 2.69 -0.01	38.99 2.72 0.00	38.82 2.54 0.00	40.97 2.54 0.00	42.80 2.61 0.00	48.24 2.54 -0.31	51.05 2.26 -0.72	51.03 1.90 2.25	51.67 1.86 3.40	51.88 1.87 5.11	57.57 1.89 5.36	62.31 3.57 8.70	70.98 3.98 9.61	81.01 4.60 5.73	85.25 5.13 5.41	79.59 3.82 5.45	73.53 3.11 5.47	62.93 1.99 5.53	52.93 1.49 8.11	52.10 2.21 3.92
FPL_FAR_ROCK_GT1 24212	51.27 4.83 0.00	46.07 4.15 0.00	41.01 3.76 0.00	40.63 3.39 0.00	39.64 3.27 0.00	39.68 3.41 0.00	39.44 3.16 0.00	41.82 3.38 0.00	44.17 3.98 0.00	49.83 4.13 -0.31	52.87 4.08 -0.72	56.05 3.44 -1.23	57.72 3.35 -1.15	59.37 3.53 -0.72	64.95 3.91 0.01	73.11 5.67 0.00	83.05 6.44 0.00	90.10 7.97 0.00	93.92 8.39 0.00	87.63 6.42 0.01	80.81 5.23 0.31	70.52 4.06 0.01	63.73 3.15 -1.02	57.05 3.23 0.00
FPL_FAR_ROCK_GT2 23815	51.27 4.83 0.00	46.07 4.15 0.00	41.01 3.76 0.00	40.63 3.39 0.00	39.64 3.27 0.00	39.68 3.41 0.00	39.44 3.16 0.00	41.82 3.38 0.00	44.17 3.98 0.00	49.83 4.13 -0.31	52.87 4.08 -0.72	56.05 3.44 -1.23	57.72 3.35 -1.15	59.37 3.53 -0.72	64.95 3.91 0.01	73.11 5.67 0.00	83.05 6.44 0.00	90.10 7.97 0.00	93.92 8.39 0.00	87.63 6.42 0.01	80.81 5.23 0.31	70.52 4.06 0.01	63.73 3.15 -1.02	57.05 3.23 0.00
FRANKLIN_FALL_HYD 24054	46.03 -0.42 0.00	41.41 -0.50 0.00	36.84 -0.41 0.00	36.83 -0.41 0.00	35.85 -0.51 0.00	35.73 -0.54 0.00	35.74 -0.54 0.00	37.98 -0.46 0.00	39.75 -0.44 0.00	45.71 0.32 0.00	48.26 0.19 0.00	51.59 0.21 0.00	53.42 0.21 0.00	55.23 0.11 0.00	61.23 0.18 0.00	66.70 -0.74 0.00	76.08 -0.54 0.00	81.24 -0.90 0.00	84.34 -1.20 0.00	80.90 -0.32 0.00	75.89 0.00 0.00	66.67 0.20 0.00	59.85 0.30 0.00	53.65 -0.16 0.00

FREEPORT_EQUS_GT1 23764	50.48 4.04 0.00	45.44 3.52 0.00	40.41 3.16 0.00	40.04 2.79 0.00	39.05 2.69 0.00	39.14 2.86 0.00	38.90 2.61 0.00	41.24 2.80 0.00	43.52 3.33 0.00	49.06 3.36 -0.31	51.96 3.17 -0.72	54.87 2.26 -1.23	56.44 2.07 -1.15	58.05 2.21 -0.72	63.12 2.08 0.01	71.22 3.77 0.00	80.52 3.91 0.00	87.40 5.26 0.00	91.01 5.48 0.00	84.96 3.74 0.01	77.05 2.81 1.65	68.92 2.46 0.01	60.23 1.73 1.04	55.75 1.93 0.00
FREEPORT___CT2 23818	50.48 4.04 0.00	45.44 3.52 0.00	40.41 3.16 0.00	40.04 2.79 0.00	39.05 2.69 0.00	39.14 2.86 0.00	38.90 2.61 0.00	41.24 2.80 0.00	43.52 3.33 0.00	49.06 3.36 -0.31	51.96 3.17 -0.72	54.87 2.26 -1.23	56.44 2.07 -1.15	58.05 2.21 -0.72	63.12 2.08 0.01	71.22 3.77 0.00	80.52 3.91 0.00	87.40 5.26 0.00	91.01 5.48 0.00	84.96 3.74 0.01	77.05 2.81 1.65	68.92 2.46 0.01	60.23 1.73 1.04	55.75 1.93 0.00
FRESHKLS_33_KV_LOAD 356253	50.17 3.72 -0.01	45.28 3.35 -0.01	40.20 2.94 -0.01	40.01 2.76 -0.01	39.17 2.80 -0.01	39.06 2.79 0.00	38.90 2.61 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.28 2.59 -0.31	50.93 2.16 -0.71	50.91 1.80 2.27	51.55 1.76 3.42	51.81 1.82 5.13	57.51 1.83 5.36	62.25 3.51 8.70	70.98 3.98 9.61	81.01 4.60 5.73	85.25 5.13 5.41	79.59 3.82 5.45	73.46 3.04 5.47	62.86 1.93 5.53	52.87 1.43 8.11	51.99 2.10 3.92
FULTON COGEN____ 23766	46.26 -0.19 0.00	41.86 -0.17 -0.11	37.06 -0.19 0.00	36.94 -0.30 0.00	36.07 -0.29 0.00	35.91 -0.36 0.00	35.96 -0.33 0.00	38.09 -0.35 0.00	40.07 -0.12 0.00	45.02 -0.36 0.00	47.78 -0.29 0.00	51.23 -0.15 0.00	53.10 -0.11 0.00	55.07 -0.06 0.00	60.86 -0.18 0.00	67.38 -0.07 0.00	76.46 -0.15 0.00	82.22 0.08 0.00	86.13 0.60 0.00	81.47 0.24 0.00	75.97 0.08 0.00	66.40 -0.07 0.00	60.43 -0.24 -1.12	54.97 0.11 -1.05
FULTON___LFGE 323630	51.13 4.69 0.00	46.11 4.19 0.00	40.90 3.65 0.00	40.93 3.69 0.00	39.93 3.57 0.00	39.79 3.52 0.00	39.66 3.38 0.00	41.70 3.27 0.00	43.52 3.33 0.00	48.34 3.13 0.18	50.73 3.08 0.42	53.86 3.19 0.71	55.73 3.19 0.67	58.23 3.53 0.42	65.14 4.09 0.00	72.84 5.40 0.00	83.12 6.51 0.00	90.35 8.21 0.00	95.37 9.83 0.00	90.72 9.50 0.00	84.84 8.95 0.00	73.91 7.44 0.00	65.80 6.25 0.00	59.41 5.60 0.00
G.F.CEMENT___DRP 24184	49.56 3.11 0.00	44.68 2.77 0.00	39.75 2.50 0.00	39.74 2.50 0.00	38.76 2.40 0.00	38.66 2.39 0.00	38.61 2.32 0.00	40.70 2.27 0.00	42.64 2.45 0.00	47.16 2.04 0.27	49.11 1.68 0.64	51.99 1.70 1.09	53.78 1.60 1.03	56.35 1.87 0.64	63.18 2.14 0.00	70.82 3.37 0.00	80.75 4.14 0.00	87.48 5.34 0.00	92.55 7.01 0.00	87.72 6.50 0.00	81.96 6.07 0.00	71.39 4.92 0.00	63.54 3.99 0.00	57.31 3.50 0.00
GARDENVILLE___LBMP 24039	46.68 0.23 0.00	42.88 0.96 0.00	37.96 0.71 0.00	36.98 -0.26 0.00	36.36 0.00 0.00	35.94 -0.33 0.00	36.43 0.15 0.00	39.09 0.65 0.00	42.52 2.33 0.00	47.02 1.63 0.00	50.18 2.11 0.00	54.26 2.88 0.00	56.30 3.09 0.00	58.15 3.03 0.00	63.55 2.50 0.00	69.60 2.16 0.00	78.84 2.22 0.00	85.10 2.96 0.00	90.07 4.53 0.00	85.28 4.06 0.00	79.38 3.49 0.00	69.13 2.66 0.00	61.81 2.26 0.00	57.69 3.87 0.00
GARDNVLA_35_KV_LD 355827	46.86 0.42 0.00	43.05 1.13 0.00	38.11 0.86 0.00	37.09 -0.15 0.00	36.51 0.15 0.00	36.09 -0.18 0.00	36.54 0.25 0.00	39.24 0.81 0.00	42.68 2.49 0.00	47.25 1.86 0.00	50.47 2.40 0.00	54.62 3.24 0.00	56.62 3.41 0.00	58.54 3.42 0.00	63.91 2.87 0.00	70.01 2.56 0.00	79.30 2.68 0.00	85.67 3.53 0.00	90.58 5.05 0.00	85.77 4.55 0.00	79.84 3.95 0.00	69.46 2.99 0.00	62.11 2.56 0.00	57.96 4.14 0.00
GELCKHM___115KV_LOAD 80723	46.35 -0.09 0.00	41.90 -0.04 -0.03	37.14 -0.11 0.00	37.02 -0.22 0.00	36.15 -0.22 0.00	35.98 -0.29 0.00	36.03 -0.25 0.00	38.21 -0.23 0.00	40.23 0.04 0.00	45.21 -0.18 0.00	48.02 -0.05 0.00	51.43 0.05 0.00	53.37 0.16 0.00	55.40 0.28 0.00	61.29 0.24 0.00	67.78 0.34 0.00	76.92 0.31 0.00	82.71 0.57 0.00	86.64 1.11 0.00	81.87 0.65 0.00	76.27 0.38 0.00	66.67 0.20 0.00	59.86 0.00 -0.32	54.38 0.27 -0.30
GENERAL___MILLS 23808	46.77 0.33 0.00	42.96 1.05 0.00	38.03 0.78 0.00	37.06 -0.19 0.00	36.44 0.07 0.00	36.02 -0.25 0.00	36.47 0.18 0.00	39.17 0.73 0.00	42.60 2.41 0.00	47.16 1.77 0.00	50.28 2.21 0.00	54.41 3.03 0.00	56.46 3.25 0.00	58.32 3.20 0.00	63.73 2.69 0.00	69.80 2.36 0.00	79.07 2.45 0.00	85.34 3.20 0.00	90.32 4.79 0.00	85.53 4.30 0.00	79.61 3.72 0.00	69.26 2.79 0.00	61.99 2.44 0.00	57.80 3.98 0.00
GE_PLASTICS___DRP 24183	46.68 0.23 0.00	42.12 0.21 0.00	37.58 0.34 0.00	37.69 0.45 0.00	36.84 0.47 0.00	36.78 0.51 0.00	36.72 0.44 0.00	38.71 0.35 0.07	38.71 0.16 1.64	38.71 -0.32 6.36	38.76 -0.38 8.92	38.71 -0.57 12.11	38.76 -0.59 13.86	38.76 -0.61 15.75	38.71 -0.61 21.73	38.71 -0.07 28.67	38.71 0.00 37.90	82.32 0.25 0.06	86.05 0.51 0.00	81.39 0.16 0.00	75.82 -0.08 0.00	66.27 -0.20 0.00	59.13 -0.42 0.00	53.60 -0.22 0.00
GILBOA___1 23756	47.65 1.21 0.00	43.00 1.09 0.00	38.22 0.97 0.00	38.77 1.53 0.00	37.89 1.53 0.00	37.79 1.52 0.00	37.81 1.52 0.00	40.05 1.61 0.00	41.19 1.01 0.00	46.21 0.77 -0.05	48.91 0.72 -0.12	52.30 0.72 -0.20	54.09 0.69 -0.19	55.95 0.71 -0.12	61.84 0.79 0.00	69.00 1.55 0.00	78.15 1.53 0.00	84.03 1.89 0.00	87.75 2.22 0.00	82.85 1.62 0.00	77.18 1.29 0.00	67.67 1.20 0.00	60.38 0.83 0.00	54.84 1.02 0.00
GILBOA___2 23757	47.65 1.21 0.00	43.00 1.09 0.00	38.22 0.97 0.00	38.77 1.53 0.00	37.89 1.53 0.00	37.79 1.52 0.00	37.81 1.52 0.00	40.05 1.61 0.00	41.19 1.01 0.00	46.21 0.77 -0.05	48.91 0.72 -0.12	52.30 0.72 -0.20	54.09 0.69 -0.19	55.95 0.71 -0.12	61.84 0.79 0.00	69.00 1.55 0.00	78.15 1.53 0.00	84.03 1.89 0.00	87.75 2.22 0.00	82.85 1.62 0.00	77.18 1.29 0.00	67.67 1.20 0.00	60.38 0.83 0.00	54.84 1.02 0.00
GILBOA___3 23758	47.65 1.21 0.00	43.00 1.09 0.00	38.22 0.97 0.00	38.77 1.53 0.00	37.89 1.53 0.00	37.79 1.52 0.00	37.81 1.52 0.00	40.05 1.61 0.00	41.19 1.01 0.00	46.21 0.77 -0.05	48.91 0.72 -0.12	52.30 0.72 -0.20	54.09 0.69 -0.19	55.95 0.71 -0.12	61.84 0.79 0.00	69.00 1.55 0.00	78.15 1.53 0.00	84.03 1.89 0.00	87.75 2.22 0.00	82.85 1.62 0.00	77.18 1.29 0.00	67.67 1.20 0.00	60.38 0.83 0.00	54.84 1.02 0.00
GILBOA___4 23759	47.65 1.21 0.00	43.00 1.09 0.00	38.22 0.97 0.00	38.77 1.53 0.00	37.89 1.53 0.00	37.79 1.52 0.00	37.81 1.52 0.00	40.05 1.61 0.00	41.19 1.01 0.00	46.21 0.77 -0.05	48.91 0.72 -0.12	52.30 0.72 -0.20	54.09 0.69 -0.19	55.95 0.71 -0.12	61.84 0.79 0.00	69.00 1.55 0.00	78.15 1.53 0.00	84.03 1.89 0.00	87.75 2.22 0.00	82.85 1.62 0.00	77.18 1.29 0.00	67.67 1.20 0.00	60.38 0.83 0.00	54.84 1.02 0.00

GILBOA____ 23599	47.65 1.21 0.00	43.05 1.13 0.00	38.26 1.01 0.00	38.77 1.53 0.00	37.89 1.53 0.00	37.83 1.56 0.00	37.81 1.52 0.00	40.05 1.61 0.00	41.23 1.04 0.00	46.21 0.77 -0.05	49.00 0.82 -0.12	52.30 0.72 -0.20	54.09 0.69 -0.19	55.95 0.72 -0.12	61.84 0.79 0.00	68.99 1.55 0.00	78.15 1.53 0.00	83.86 1.72 0.00	87.67 2.14 0.00	82.85 1.62 0.00	77.18 1.29 0.00	67.67 1.20 0.00	60.38 0.83 0.00	54.84 1.02 0.00
GINNA____ 23603	45.42 -1.02 0.00	41.58 -0.34 0.00	36.76 -0.49 0.00	36.05 -1.19 0.00	35.24 -1.13 0.00	35.00 -1.27 0.00	35.12 -1.16 0.00	37.51 -0.92 0.00	40.27 0.08 0.00	45.07 -0.32 0.00	48.36 0.29 0.00	52.10 0.72 0.00	54.17 0.96 0.00	55.73 0.61 0.00	61.48 0.43 0.00	67.38 -0.07 0.00	76.38 -0.23 0.00	82.30 0.16 0.00	86.82 1.28 0.00	81.87 0.65 0.00	76.12 0.23 0.00	66.47 0.00 0.00	59.55 0.00 0.00	54.41 0.59 0.00
GLEN PARK____ 23778	49.32 2.88 0.00	44.48 2.51 -0.05	39.26 2.01 0.00	39.03 1.79 0.00	38.00 1.64 0.00	38.16 1.88 0.00	38.13 1.85 0.00	40.24 1.81 0.00	41.88 1.69 0.00	47.25 1.86 0.00	49.79 1.73 0.00	53.33 1.95 0.00	55.39 2.18 0.00	57.44 2.31 0.00	63.36 2.32 0.00	70.41 2.96 0.00	80.52 3.91 0.00	87.32 5.18 0.00	92.46 6.93 0.00	88.12 6.90 0.00	82.04 6.14 0.00	72.19 5.72 0.00	64.41 4.41 -0.46	58.39 4.14 -0.43
GLENDALE_27_KV_LOAD 356172	50.07 3.62 0.00	45.14 3.23 0.00	40.04 2.79 0.00	39.85 2.61 0.00	39.02 2.65 0.00	38.95 2.68 0.00	38.93 2.65 0.00	41.17 2.73 0.00	43.12 2.93 0.00	48.60 2.90 -0.31	51.67 2.88 -0.72	55.23 2.62 -1.23	56.98 2.61 -1.16	58.43 2.59 -0.72	63.72 2.69 0.01	71.62 4.18 0.01	81.28 4.67 0.01	87.39 5.26 0.01	91.34 5.82 0.01	85.76 4.55 0.01	79.68 3.79 0.01	69.12 2.66 0.01	61.81 2.26 0.00	56.61 2.80 0.00
GLENWOOD_IC_1_G5 23712	50.07 3.62 0.00	45.23 3.31 0.00	40.12 2.87 0.00	39.77 2.53 0.00	38.87 2.51 0.00	38.92 2.65 0.00	38.82 2.54 0.00	41.09 2.65 0.00	43.24 3.05 0.00	48.74 3.04 -0.31	52.06 3.27 -0.72	55.39 2.77 -1.23	56.97 2.61 -1.16	58.38 2.54 -0.72	63.48 2.44 0.00	71.56 4.11 0.00	81.13 4.52 0.00	87.48 5.34 0.00	91.43 5.90 0.00	85.52 4.30 0.00	78.39 3.49 0.99	68.99 2.53 0.00	60.74 1.85 0.65	56.51 2.69 0.00
GLENWOOD_IC_2_G1 23688	49.79 3.35 0.00	44.77 2.85 0.00	39.78 2.53 0.00	39.59 2.35 0.00	38.69 2.33 0.00	38.66 2.39 0.00	38.61 2.32 0.00	40.90 2.46 0.00	42.96 2.77 0.00	48.42 2.72 -0.31	51.48 2.69 -0.72	54.93 2.31 -1.23	56.55 2.18 -1.16	58.05 2.21 -0.72	63.42 2.38 0.00	71.29 3.84 0.00	80.90 4.29 0.00	87.56 5.42 0.00	91.26 5.73 0.00	85.52 4.30 0.00	79.37 3.49 0.01	68.99 2.53 0.00	61.33 1.78 0.00	55.97 2.15 0.00
GLENWOOD_IC_3_G1 23689	49.79 3.35 0.00	44.77 2.85 0.00	39.78 2.53 0.00	39.59 2.35 0.00	38.69 2.33 0.00	38.66 2.39 0.00	38.61 2.32 0.00	40.90 2.46 0.00	42.96 2.77 0.00	48.42 2.72 -0.31	51.48 2.69 -0.72	54.93 2.31 -1.23	56.55 2.18 -1.16	58.05 2.21 -0.72	63.42 2.38 0.00	71.29 3.84 0.00	80.90 4.29 0.00	87.56 5.42 0.00	91.26 5.73 0.00	85.52 4.30 0.00	79.37 3.49 0.01	68.99 2.53 0.00	61.33 1.78 0.00	55.97 2.15 0.00
GLENWOOD____4 23550	50.07 3.62 0.00	45.23 3.31 0.00	40.12 2.87 0.00	39.77 2.53 0.00	38.87 2.51 0.00	38.92 2.65 0.00	38.82 2.54 0.00	41.09 2.65 0.00	43.24 3.05 0.00	48.74 3.04 -0.31	52.06 3.27 -0.72	55.39 2.77 -1.23	56.97 2.61 -1.16	58.38 2.54 -0.72	63.61 2.56 0.00	71.62 4.18 0.00	81.21 4.60 0.00	87.64 5.50 0.00	91.52 5.99 0.00	85.61 4.39 0.00	78.47 3.57 0.99	69.06 2.59 0.00	60.86 1.97 0.65	56.51 2.69 0.00
GLENWOOD____5 23614	50.07 3.62 0.00	45.23 3.31 0.00	40.12 2.87 0.00	39.77 2.53 0.00	38.87 2.51 0.00	38.92 2.65 0.00	38.82 2.54 0.00	41.09 2.65 0.00	43.24 3.05 0.00	48.74 3.04 -0.31	52.06 3.27 -0.72	55.39 2.77 -1.23	56.97 2.61 -1.16	58.38 2.54 -0.72	63.61 2.56 0.00	71.62 4.18 0.00	81.21 4.60 0.00	87.64 5.50 0.00	91.52 5.99 0.00	85.61 4.39 0.00	78.47 3.57 0.99	69.06 2.59 0.00	60.86 1.97 0.65	56.51 2.69 0.00
GLOBAL GREEN_PORT_GT1 23814	52.44 5.99 0.00	47.11 5.20 0.00	42.09 4.84 0.00	41.27 4.02 0.00	40.15 3.78 0.00	40.40 4.13 0.00	39.80 3.52 0.00	42.21 3.77 0.00	45.01 4.82 0.00	51.00 5.31 -0.31	53.98 5.19 -0.72	56.98 4.37 -1.23	58.73 4.36 -1.15	60.43 4.68 -0.62	65.55 4.94 0.44	74.46 7.01 0.00	84.35 7.97 0.23	92.24 10.10 0.00	96.31 10.78 0.00	89.18 7.96 0.01	78.98 6.07 2.99	71.05 4.92 0.34	60.37 3.57 2.75	57.42 3.61 0.00
GLOBE____DSASP 323697	45.33 -1.11 0.00	41.75 -0.17 0.00	36.99 -0.26 0.00	36.65 -0.60 0.00	35.38 -0.98 0.00	35.62 -0.65 0.00	35.38 -0.91 0.00	37.94 -0.50 0.00	41.31 1.13 0.00	45.62 0.23 0.00	48.69 0.62 0.00	52.72 1.34 0.00	54.59 1.38 0.00	56.33 1.21 0.00	61.53 0.49 0.00	67.24 -0.20 0.00	76.15 -0.46 0.00	82.06 -0.08 0.00	86.64 1.11 0.00	82.04 0.81 0.00	76.42 0.53 0.00	66.60 0.13 0.00	59.61 0.06 0.00	55.86 2.05 0.00
GOETHSLN____LBMP 323567	49.42 2.97 0.00	44.51 2.60 0.00	39.52 2.27 0.00	39.33 2.09 0.00	38.47 2.11 0.00	38.45 2.18 0.00	38.46 2.18 0.00	40.78 2.34 0.00	42.80 2.61 0.00	48.15 2.45 -0.31	51.23 2.45 -0.71	51.28 2.16 2.26	51.93 2.13 3.41	52.04 2.04 5.12	57.75 2.08 5.37	62.24 3.51 8.71	70.90 3.91 9.62	80.83 4.44 5.74	85.07 4.96 5.42	79.50 3.74 5.46	73.45 3.04 5.48	62.92 1.99 5.54	53.16 1.73 8.11	51.98 2.10 3.93
GOLAH____69_KV_TB 1_2 80279	47.33 0.88 0.00	43.13 1.22 0.00	38.26 1.01 0.00	37.58 0.34 0.00	36.76 0.40 0.00	36.45 0.18 0.00	36.72 0.44 0.00	39.09 0.65 0.00	42.00 1.81 0.00	46.75 1.36 0.00	49.99 1.92 0.00	54.00 2.62 0.00	55.92 2.71 0.00	57.82 2.70 0.00	63.61 2.56 0.00	69.87 2.43 0.00	79.30 2.68 0.00	85.42 3.29 0.00	90.41 4.88 0.00	85.45 4.22 0.00	79.61 3.72 0.00	69.59 3.12 0.00	62.11 2.56 0.00	57.37 3.55 0.00
GOODYEAR_LAKE_HYD 323669	49.23 2.79 0.00	44.43 2.51 0.00	39.37 2.12 0.00	39.48 2.23 0.00	38.58 2.22 0.00	38.56 2.29 0.00	38.61 2.32 0.00	40.90 2.46 0.00	42.56 2.37 0.00	47.84 2.45 0.00	50.61 2.55 0.00	54.11 2.72 0.00	56.14 2.93 0.00	58.26 3.14 0.00	64.34 3.30 0.00	71.76 4.32 0.00	81.44 4.83 0.00	87.72 5.59 0.00	92.03 6.50 0.00	86.91 5.69 0.00	80.90 5.01 0.00	70.72 4.25 0.00	62.94 3.39 0.00	57.15 3.34 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	47.56 1.11 0.00	43.05 1.13 0.00	38.18 0.93 0.00	38.02 0.78 0.00	37.20 0.84 0.00	37.00 0.73 0.00	37.08 0.80 0.00	39.40 0.96 0.00	41.47 1.29 0.00	46.43 1.04 0.00	49.32 1.25 0.00	52.87 1.49 0.00	54.81 1.60 0.00	56.94 1.82 0.00	62.82 1.77 0.00	69.60 2.16 0.00	78.99 2.38 0.00	85.10 2.96 0.00	89.38 3.85 0.00	84.47 3.25 0.00	78.70 2.81 0.00	68.73 2.26 0.00	61.34 1.79 0.00	55.86 2.05 0.00

GOUDEY___7 23579	47.56 1.11 0.00	43.05 1.13 0.00	38.18 0.93 0.00	38.02 0.78 0.00	37.20 0.84 0.00	37.00 0.73 0.00	37.08 0.80 0.00	39.40 0.96 0.00	41.47 1.29 0.00	46.43 1.04 0.00	49.32 1.25 0.00	52.87 1.49 0.00	54.81 1.60 0.00	56.94 1.82 0.00	62.82 1.77 0.00	69.60 2.16 0.00	78.99 2.38 0.00	85.10 2.96 0.00	89.38 3.85 0.00	84.47 3.25 0.00	78.70 2.81 0.00	68.73 2.26 0.00	61.34 1.79 0.00	55.86 2.05 0.00
GOUDEY___8 23580	47.56 1.11 0.00	43.05 1.13 0.00	38.18 0.93 0.00	38.02 0.78 0.00	37.20 0.84 0.00	37.00 0.73 0.00	37.08 0.80 0.00	39.40 0.96 0.00	41.47 1.29 0.00	46.43 1.04 0.00	49.32 1.25 0.00	52.87 1.49 0.00	54.81 1.60 0.00	56.94 1.82 0.00	62.82 1.77 0.00	69.60 2.16 0.00	78.99 2.38 0.00	85.10 2.96 0.00	89.38 3.85 0.00	84.47 3.25 0.00	78.70 2.81 0.00	68.73 2.26 0.00	61.34 1.79 0.00	55.86 2.05 0.00
GOWANUS_GT1_1 24077	50.12 3.67 -0.01	45.19 3.27 -0.01	40.13 2.87 -0.01	39.89 2.64 -0.01	39.06 2.69 -0.01	38.99 2.72 0.00	38.86 2.58 0.00	41.01 2.58 0.00	42.88 2.69 0.00	48.37 2.68 -0.31	51.29 2.50 -0.72	54.82 2.21 -1.23	56.55 2.18 -1.16	58.05 2.20 -0.72	63.30 2.26 0.01	71.35 3.91 0.01	81.05 4.44 0.01	87.14 5.01 0.01	91.08 5.56 0.01	85.52 4.30 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.40 1.85 0.00	56.35 2.53 0.00
GOWANUS_GT1_2 24078	50.12 3.67 -0.01	45.19 3.27 -0.01	40.13 2.87 -0.01	39.89 2.64 -0.01	39.06 2.69 -0.01	38.99 2.72 0.00	38.86 2.58 0.00	41.01 2.58 0.00	42.88 2.69 0.00	48.37 2.68 -0.31	51.29 2.50 -0.72	54.82 2.21 -1.23	56.55 2.18 -1.16	58.05 2.20 -0.72	63.30 2.26 0.01	71.35 3.91 0.01	81.05 4.44 0.01	87.14 5.01 0.01	91.08 5.56 0.01	85.52 4.30 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.40 1.85 0.00	56.35 2.53 0.00
GOWANUS_GT1_3 24079	50.12 3.67 -0.01	45.19 3.27 -0.01	40.13 2.87 -0.01	39.89 2.64 -0.01	39.06 2.69 -0.01	38.99 2.72 0.00	38.86 2.58 0.00	41.01 2.58 0.00	42.88 2.69 0.00	48.37 2.68 -0.31	51.29 2.50 -0.72	54.82 2.21 -1.23	56.55 2.18 -1.16	58.05 2.20 -0.72	63.30 2.26 0.01	71.35 3.91 0.01	81.05 4.44 0.01	87.14 5.01 0.01	91.08 5.56 0.01	85.52 4.30 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.40 1.85 0.00	56.35 2.53 0.00
GOWANUS_GT1_4 24080	50.12 3.67 -0.01	45.19 3.27 -0.01	40.13 2.87 -0.01	39.89 2.64 -0.01	39.06 2.69 -0.01	38.99 2.72 0.00	38.86 2.58 0.00	41.01 2.58 0.00	42.88 2.69 0.00	48.37 2.68 -0.31	51.29 2.50 -0.72	54.82 2.21 -1.23	56.55 2.18 -1.16	58.05 2.20 -0.72	63.30 2.26 0.01	71.35 3.91 0.01	81.05 4.44 0.01	87.14 5.01 0.01	91.08 5.56 0.01	85.52 4.30 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.40 1.85 0.00	56.35 2.53 0.00
GOWANUS_GT1_5 24084	50.12 3.67 -0.01	45.19 3.27 -0.01	40.13 2.87 -0.01	39.89 2.64 -0.01	39.06 2.69 -0.01	38.99 2.72 0.00	38.86 2.58 0.00	41.01 2.58 0.00	42.88 2.69 0.00	48.37 2.68 -0.31	51.29 2.50 -0.72	54.82 2.21 -1.23	56.55 2.18 -1.16	58.05 2.20 -0.72	63.30 2.26 0.01	71.35 3.91 0.01	81.05 4.44 0.01	87.14 5.01 0.01	91.08 5.56 0.01	85.52 4.30 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.40 1.85 0.00	56.35 2.53 0.00
GOWANUS_GT1_6 24111	50.12 3.67 -0.01	45.19 3.27 -0.01	40.13 2.87 -0.01	39.89 2.64 -0.01	39.06 2.69 -0.01	38.99 2.72 0.00	38.86 2.58 0.00	41.01 2.58 0.00	42.88 2.69 0.00	48.37 2.68 -0.31	51.29 2.50 -0.72	54.82 2.21 -1.23	56.55 2.18 -1.16	58.05 2.20 -0.72	63.30 2.26 0.01	71.35 3.91 0.01	81.05 4.44 0.01	87.14 5.01 0.01	91.08 5.56 0.01	85.52 4.30 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.40 1.85 0.00	56.35 2.53 0.00
GOWANUS_GT1_7 24112	50.12 3.67 -0.01	45.19 3.27 -0.01	40.13 2.87 -0.01	39.89 2.64 -0.01	39.06 2.69 -0.01	38.99 2.72 0.00	38.86 2.58 0.00	41.01 2.58 0.00	42.88 2.69 0.00	48.37 2.68 -0.31	51.29 2.50 -0.72	54.82 2.21 -1.23	56.55 2.18 -1.16	58.05 2.20 -0.72	63.30 2.26 0.01	71.35 3.91 0.01	81.05 4.44 0.01	87.14 5.01 0.01	91.08 5.56 0.01	85.52 4.30 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.40 1.85 0.00	56.35 2.53 0.00
GOWANUS_GT1_8 24113	50.12 3.67 -0.01	45.19 3.27 -0.01	40.13 2.87 -0.01	39.89 2.64 -0.01	39.06 2.69 -0.01	38.99 2.72 0.00	38.86 2.58 0.00	41.01 2.58 0.00	42.88 2.69 0.00	48.37 2.68 -0.31	51.29 2.50 -0.72	54.82 2.21 -1.23	56.55 2.18 -1.16	58.05 2.20 -0.72	63.30 2.26 0.01	71.35 3.91 0.01	81.05 4.44 0.01	87.14 5.01 0.01	91.08 5.56 0.01	85.52 4.30 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.40 1.85 0.00	56.35 2.53 0.00
GOWANUS_GT2_1 24114	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
GOWANUS_GT2_2 24115	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
GOWANUS_GT2_3 24116	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
GOWANUS_GT2_4 24117	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
GOWANUS_GT2_5 24118	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00

GOWANUS_GT2_6 24119	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
GOWANUS_GT2_7 24120	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
GOWANUS_GT2_8 24121	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
GOWANUS_GT3_1 24122	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
GOWANUS_GT3_2 24123	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
GOWANUS_GT3_3 24124	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
GOWANUS_GT3_4 24125	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
GOWANUS_GT3_5 24126	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
GOWANUS_GT3_6 24127	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
GOWANUS_GT3_7 24128	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
GOWANUS_GT3_8 24129	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
GOWANUS_GT4_1 24130	50.12 3.67 -0.01	45.19 3.27 -0.01	40.13 2.87 -0.01	39.89 2.64 -0.01	39.06 2.69 -0.01	38.99 2.72 0.00	38.86 2.58 0.00	41.01 2.58 0.00	42.88 2.69 0.00	48.37 2.68 -0.31	51.29 2.50 -0.72	54.82 2.21 -1.23	56.55 2.18 -1.16	58.05 2.20 -0.72	63.30 2.26 0.01	71.35 3.91 0.01	81.05 4.44 0.01	87.14 5.01 0.01	91.08 5.56 0.01	85.52 4.30 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.40 1.85 0.00	56.35 2.53 0.00
GOWANUS_GT4_2 24131	50.12 3.67 -0.01	45.19 3.27 -0.01	40.13 2.87 -0.01	39.89 2.64 -0.01	39.06 2.69 -0.01	38.99 2.72 0.00	38.86 2.58 0.00	41.01 2.58 0.00	42.88 2.69 0.00	48.37 2.68 -0.31	51.29 2.50 -0.72	54.82 2.21 -1.23	56.55 2.18 -1.16	58.05 2.20 -0.72	63.30 2.26 0.01	71.35 3.91 0.01	81.05 4.44 0.01	87.14 5.01 0.01	91.08 5.56 0.01	85.52 4.30 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.40 1.85 0.00	56.35 2.53 0.00
GOWANUS_GT4_3 24132	50.12 3.67 -0.01	45.19 3.27 -0.01	40.13 2.87 -0.01	39.89 2.64 -0.01	39.06 2.69 -0.01	38.99 2.72 0.00	38.86 2.58 0.00	41.01 2.58 0.00	42.88 2.69 0.00	48.37 2.68 -0.31	51.29 2.50 -0.72	54.82 2.21 -1.23	56.55 2.18 -1.16	58.05 2.20 -0.72	63.30 2.26 0.01	71.35 3.91 0.01	81.05 4.44 0.01	87.14 5.01 0.01	91.08 5.56 0.01	85.52 4.30 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.40 1.85 0.00	56.35 2.53 0.00
GOWANUS_GT4_4 24133	50.12 3.67 -0.01	45.19 3.27 -0.01	40.13 2.87 -0.01	39.89 2.64 -0.01	39.06 2.69 -0.01	38.99 2.72 0.00	38.86 2.58 0.00	41.01 2.58 0.00	42.88 2.69 0.00	48.37 2.68 -0.31	51.29 2.50 -0.72	54.82 2.21 -1.23	56.55 2.18 -1.16	58.05 2.20 -0.72	63.30 2.26 0.01	71.35 3.91 0.01	81.05 4.44 0.01	87.14 5.01 0.01	91.08 5.56 0.01	85.52 4.30 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.40 1.85 0.00	56.35 2.53 0.00

GOWANUS_GT4_5 24134	50.12 3.67 -0.01	45.19 3.27 -0.01	40.13 2.87 -0.01	39.89 2.64 -0.01	39.06 2.69 -0.01	38.99 2.72 0.00	38.86 2.58 0.00	41.01 2.58 0.00	42.88 2.69 0.00	48.37 2.68 -0.31	51.29 2.50 -0.72	54.82 2.21 -1.23	56.55 2.18 -1.16	58.05 2.20 -0.72	63.30 2.26 0.01	71.35 3.91 0.01	81.05 4.44 0.01	87.14 5.01 0.01	91.08 5.56 0.01	85.52 4.30 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.40 1.85 0.00	56.35 2.53 0.00
GOWANUS_GT4_6 24135	50.12 3.67 -0.01	45.19 3.27 -0.01	40.13 2.87 -0.01	39.89 2.64 -0.01	39.06 2.69 -0.01	38.99 2.72 0.00	38.86 2.58 0.00	41.01 2.58 0.00	42.88 2.69 0.00	48.37 2.68 -0.31	51.29 2.50 -0.72	54.82 2.21 -1.23	56.55 2.18 -1.16	58.05 2.20 -0.72	63.30 2.26 0.01	71.35 3.91 0.01	81.05 4.44 0.01	87.14 5.01 0.01	91.08 5.56 0.01	85.52 4.30 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.40 1.85 0.00	56.35 2.53 0.00
GOWANUS_GT4_7 24136	50.12 3.67 -0.01	45.19 3.27 -0.01	40.13 2.87 -0.01	39.89 2.64 -0.01	39.06 2.69 -0.01	38.99 2.72 0.00	38.86 2.58 0.00	41.01 2.58 0.00	42.88 2.69 0.00	48.37 2.68 -0.31	51.29 2.50 -0.72	54.82 2.21 -1.23	56.55 2.18 -1.16	58.05 2.20 -0.72	63.30 2.26 0.01	71.35 3.91 0.01	81.05 4.44 0.01	87.14 5.01 0.01	91.08 5.56 0.01	85.52 4.30 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.40 1.85 0.00	56.35 2.53 0.00
GOWANUS_GT4_8 24137	50.12 3.67 -0.01	45.19 3.27 -0.01	40.13 2.87 -0.01	39.89 2.64 -0.01	39.06 2.69 -0.01	38.99 2.72 0.00	38.86 2.58 0.00	41.01 2.58 0.00	42.88 2.69 0.00	48.37 2.68 -0.31	51.29 2.50 -0.72	54.82 2.21 -1.23	56.55 2.18 -1.16	58.05 2.20 -0.72	63.30 2.26 0.01	71.35 3.91 0.01	81.05 4.44 0.01	87.14 5.01 0.01	91.08 5.56 0.01	85.52 4.30 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.40 1.85 0.00	56.35 2.53 0.00
GREATVRV_69_KV_BK1 356245	51.23 4.78 0.00	46.44 4.53 0.00	41.16 3.91 0.00	40.52 3.28 0.00	39.53 3.16 0.00	39.72 3.45 0.00	39.51 3.23 0.00	41.63 3.19 0.00	44.09 3.90 0.00	49.74 4.04 -0.31	52.97 4.18 -0.72	55.85 3.24 -1.23	57.29 2.93 -1.15	58.44 2.70 -0.61	63.38 2.81 0.47	72.30 4.86 0.00	81.34 4.98 0.25	88.38 6.24 0.00	92.37 6.84 0.00	85.76 4.55 0.01	76.64 3.64 2.89	69.03 2.92 0.37	58.98 2.08 2.65	57.10 3.28 0.00
GREENBSH_115KV_TB3 55895	46.86 0.42 0.00	42.29 0.38 0.00	37.70 0.45 0.00	37.76 0.52 0.00	36.95 0.58 0.00	36.89 0.62 0.00	36.83 0.54 0.00	38.90 0.46 0.00	40.55 0.36 0.00	44.92 -0.23 0.24	47.22 -0.29 0.56	49.97 -0.46 0.95	51.78 -0.53 0.90	54.06 -0.50 0.56	60.56 -0.49 0.00	67.65 0.20 0.00	76.92 0.31 0.00	82.80 0.66 0.00	86.56 1.03 0.00	81.79 0.57 0.00	76.20 0.30 0.00	66.54 0.07 0.00	59.37 -0.18 0.00	53.82 0.00 0.00
GREENDGE_115KV_TB5 80291	47.98 1.53 0.00	43.51 1.59 0.00	38.48 1.23 0.00	38.06 0.82 0.00	37.27 0.91 0.00	36.96 0.69 0.00	37.16 0.87 0.00	39.47 1.04 0.00	41.96 1.77 0.00	46.89 1.50 0.00	49.84 1.78 0.00	53.23 1.85 0.00	55.29 2.08 0.00	57.49 2.37 0.00	63.43 2.38 0.00	69.94 2.50 0.00	79.45 2.83 0.00	86.00 3.86 0.00	90.92 5.39 0.00	86.02 4.79 0.00	80.07 4.17 0.00	69.86 3.39 0.00	62.29 2.74 0.00	56.88 3.07 0.00
GREENIDGE___3 23582	47.98 1.53 0.00	43.51 1.59 0.00	38.48 1.23 0.00	38.06 0.82 0.00	37.27 0.91 0.00	36.96 0.69 0.00	37.16 0.87 0.00	39.47 1.04 0.00	41.96 1.77 0.00	46.89 1.50 0.00	49.84 1.78 0.00	53.23 1.85 0.00	55.29 2.08 0.00	57.49 2.37 0.00	63.43 2.38 0.00	69.94 2.50 0.00	79.45 2.83 0.00	86.00 3.86 0.00	90.92 5.39 0.00	86.02 4.79 0.00	80.07 4.17 0.00	69.86 3.39 0.00	62.29 2.74 0.00	56.88 3.07 0.00
GREENIDGE___4 23583	47.97 1.53 0.00	43.80 1.89 0.00	38.70 1.45 0.00	38.10 0.86 0.00	37.31 0.94 0.00	37.00 0.73 0.00	37.12 0.84 0.00	39.48 1.04 0.00	41.95 1.77 0.00	46.88 1.50 0.00	49.94 1.87 0.00	53.33 1.95 0.00	55.44 2.23 0.00	57.49 2.37 0.00	63.42 2.38 0.00	69.94 2.50 0.00	79.45 2.84 0.00	86.08 3.94 0.00	91.01 5.48 0.00	86.01 4.79 0.00	80.06 4.17 0.00	69.86 3.39 0.00	62.41 2.86 0.00	56.88 3.07 0.00
GREENLWN_69_KV_BK 3 55738	49.88 3.44 0.00	45.14 3.23 0.00	40.01 2.76 0.00	39.51 2.27 0.00	38.58 2.22 0.00	38.70 2.43 0.00	38.57 2.29 0.00	40.70 2.27 0.00	43.00 2.81 0.00	48.51 2.81 -0.31	51.62 2.84 -0.72	54.15 1.54 -1.23	55.42 1.06 -1.15	56.34 0.77 -0.45	60.60 0.73 1.18	69.87 2.43 0.00	78.44 2.45 0.63	85.50 3.37 0.00	89.29 3.76 0.00	83.16 1.95 0.01	74.19 1.21 2.92	66.09 0.53 0.91	56.74 0.06 2.87	55.10 1.29 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	50.12 3.67 -0.01	45.19 3.27 -0.01	40.13 2.87 -0.01	39.89 2.64 -0.01	39.06 2.69 -0.01	38.99 2.72 0.00	38.86 2.58 0.00	41.01 2.58 0.00	42.88 2.69 0.00	48.37 2.68 -0.31	51.29 2.50 -0.72	54.82 2.21 -1.23	56.55 2.18 -1.16	58.05 2.20 -0.72	63.30 2.26 0.01	71.35 3.91 0.01	81.05 4.44 0.01	87.14 5.01 0.01	91.08 5.56 0.01	85.52 4.30 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.40 1.85 0.00	56.35 2.53 0.00
GRISSOM___SOLAR 323813	50.71 4.27 0.00	45.73 3.81 0.00	40.56 3.31 0.00	40.60 3.35 0.00	39.64 3.27 0.00	39.50 3.23 0.00	39.37 3.08 0.00	41.44 3.00 0.00	43.28 3.09 0.00	48.07 2.86 0.18	50.42 2.79 0.43	53.53 2.88 0.73	55.39 2.87 0.69	57.89 3.20 0.43	64.77 3.72 0.00	72.36 4.92 0.00	82.59 5.98 0.00	89.69 7.55 0.00	94.51 8.98 0.00	89.92 8.70 0.00	83.93 8.04 0.00	73.18 6.71 0.00	65.21 5.66 0.00	58.87 5.06 0.00
GROVEVILLE___HYD 323602	49.46 3.02 0.00	44.64 2.72 0.00	39.60 2.35 0.00	39.44 2.20 0.00	38.58 2.22 0.00	38.59 2.32 0.00	38.53 2.25 0.00	40.78 2.34 0.00	42.68 2.49 0.00	48.00 2.36 -0.25	51.05 2.40 -0.58	54.69 2.31 -0.99	56.49 2.34 -0.94	58.07 2.37 -0.58	63.67 2.62 0.00	71.56 4.11 0.00	81.21 4.60 0.00	87.56 5.42 0.00	91.69 6.16 0.00	86.10 4.87 0.00	80.07 4.17 0.00	69.59 3.12 0.00	62.17 2.62 0.00	56.51 2.69 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	46.63 0.19 0.00	42.09 0.13 -0.04	37.32 0.07 0.00	37.20 -0.04 0.00	36.29 -0.07 0.00	36.13 -0.15 0.00	36.14 -0.15 0.00	38.32 -0.12 0.00	40.35 0.16 0.00	45.39 0.00 0.00	48.16 0.10 0.00	51.64 0.26 0.00	53.58 0.37 0.00	55.67 0.55 0.00	61.53 0.49 0.00	68.12 0.67 0.00	77.30 0.69 0.00	83.12 0.99 0.00	87.07 1.54 0.00	82.28 1.06 0.00	76.65 0.76 0.00	67.00 0.53 0.00	60.29 0.30 -0.45	54.77 0.54 -0.42
HAMLTNNY_34_KV_TB 80303	47.05 0.60 0.00	42.59 0.63 -0.04	37.70 0.45 0.00	37.54 0.30 0.00	36.62 0.25 0.00	36.45 0.18 0.00	36.50 0.22 0.00	38.74 0.31 0.00	40.91 0.72 0.00	45.93 0.54 0.00	48.88 0.82 0.00	52.41 1.03 0.00	54.38 1.17 0.00	56.50 1.38 0.00	62.45 1.40 0.00	68.99 1.55 0.00	78.30 1.69 0.00	84.27 2.14 0.00	88.44 2.91 0.00	83.58 2.36 0.00	77.79 1.90 0.00	68.00 1.53 0.00	61.10 1.13 -0.42	55.61 1.40 -0.39

HAMPSHIRE___PAPER_HYD 323593	46.86 0.42 0.00	42.23 0.30 -0.02	37.44 0.19 0.00	37.35 0.11 0.00	36.40 0.04 0.00	36.42 0.15 0.00	36.39 0.11 0.00	38.51 0.08 0.00	40.19 0.00 0.00	45.75 0.36 0.00	48.31 0.24 0.00	51.69 0.31 0.00	53.59 0.38 0.00	55.56 0.44 0.00	61.35 0.31 0.00	67.65 0.20 0.00	77.15 0.54 0.00	82.88 0.74 0.00	86.48 0.94 0.00	83.01 1.78 0.00	77.64 1.75 0.00	68.27 1.80 0.00	61.14 1.43 -0.17	55.11 1.13 -0.16
HARDSCRABBLE_WT_PWR 323673	46.07 -0.37 0.00	41.54 -0.38 0.00	36.84 -0.41 0.00	36.87 -0.37 0.00	35.96 -0.40 0.00	35.94 -0.33 0.00	35.96 -0.33 0.00	38.05 -0.38 0.00	39.75 -0.44 0.00	44.85 -0.54 0.00	47.44 -0.63 0.00	50.71 -0.67 0.00	52.57 -0.64 0.00	54.52 -0.61 0.00	60.32 -0.73 0.00	66.90 -0.54 0.00	76.00 -0.62 0.00	81.65 -0.49 0.00	85.28 -0.26 0.00	80.66 -0.56 0.00	75.13 -0.76 0.00	65.74 -0.73 0.00	58.59 -0.96 0.00	53.11 -0.70 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	49.28 2.83 0.00	44.43 2.51 0.00	39.41 2.16 0.00	39.29 2.05 0.00	38.40 2.04 0.00	38.41 2.14 0.00	38.35 2.07 0.00	40.63 2.19 0.00	42.52 2.33 0.00	47.88 2.22 -0.27	51.00 2.31 -0.63	54.67 2.21 -1.07	56.46 2.23 -1.01	58.07 2.32 -0.63	63.61 2.56 0.00	71.35 3.91 0.00	80.98 4.37 0.00	87.23 5.09 0.00	91.26 5.73 0.00	85.69 4.47 0.00	79.76 3.87 0.00	69.33 2.86 0.00	61.87 2.32 0.00	56.29 2.48 0.00
HARSNRAD_115KV_TB1 81005	46.21 -0.23 0.00	42.54 0.63 0.00	37.66 0.41 0.00	36.39 -0.86 0.00	36.00 -0.36 0.00	35.40 -0.87 0.00	36.03 -0.25 0.00	38.67 0.23 0.00	42.08 1.89 0.00	46.25 0.86 0.00	49.27 1.20 0.00	53.33 1.95 0.00	55.29 2.08 0.00	57.00 1.87 0.00	62.27 1.22 0.00	68.12 0.67 0.00	77.07 0.46 0.00	83.12 0.99 0.00	87.93 2.39 0.00	83.34 2.11 0.00	77.64 1.75 0.00	67.60 1.13 0.00	60.56 1.01 0.00	56.94 3.12 0.00
HARZA MOOSE___RIVER 24016	47.84 1.39 0.00	43.06 1.13 -0.01	38.18 0.93 0.00	38.10 0.86 0.00	37.13 0.76 0.00	37.18 0.91 0.00	37.19 0.91 0.00	39.36 0.92 0.00	41.15 0.96 0.00	46.48 1.09 0.00	49.08 1.01 0.00	52.56 1.18 0.00	54.54 1.33 0.00	56.61 1.49 0.00	62.57 1.53 0.00	69.47 2.02 0.00	79.14 2.53 0.00	85.34 3.20 0.00	89.72 4.19 0.00	85.04 3.82 0.00	79.23 3.34 0.00	69.53 3.06 0.00	61.99 2.32 -0.12	56.19 2.26 -0.11
HDSNBRDG_115KV_BRDG_TB1 355580	46.40 -0.05 0.00	41.92 0.00 0.00	37.21 -0.04 0.00	37.09 -0.15 0.00	36.18 -0.18 0.00	36.02 -0.25 0.00	36.07 -0.22 0.00	38.24 -0.19 0.00	40.27 0.08 0.00	45.25 -0.14 0.00	48.02 -0.05 0.00	51.49 0.10 0.00	53.42 0.21 0.00	55.45 0.33 0.00	61.35 0.31 0.00	67.92 0.47 0.00	77.07 0.46 0.00	82.88 0.74 0.00	86.82 1.28 0.00	82.04 0.81 0.00	76.42 0.53 0.00	66.80 0.33 0.00	59.67 0.12 0.00	54.19 0.38 0.00
HELLGATE_13_KV_LD 55870	50.16 3.72 0.00	45.19 3.27 0.00	40.08 2.83 0.00	39.89 2.64 0.00	39.06 2.69 0.00	38.99 2.72 0.00	38.93 2.65 0.00	41.20 2.77 0.00	43.12 2.93 0.00	48.60 2.90 -0.31	51.67 2.88 -0.72	55.23 2.62 -1.23	56.92 2.55 -1.16	58.43 2.59 -0.72	63.66 2.62 0.01	71.55 4.11 0.01	81.20 4.60 0.01	87.39 5.26 0.01	91.26 5.73 0.01	85.68 4.47 0.01	79.60 3.72 0.01	69.05 2.59 0.01	61.75 2.20 0.00	56.62 2.80 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	50.16 3.72 0.00	45.19 3.27 0.00	40.08 2.83 0.00	39.89 2.64 0.00	39.06 2.69 0.00	38.99 2.72 0.00	38.93 2.65 0.00	41.20 2.77 0.00	43.12 2.93 0.00	48.60 2.90 -0.31	51.67 2.88 -0.72	55.23 2.62 -1.23	56.92 2.55 -1.16	58.43 2.59 -0.72	63.66 2.62 0.01	71.55 4.11 0.01	81.20 4.60 0.01	87.39 5.26 0.01	91.26 5.73 0.01	85.68 4.47 0.01	79.60 3.72 0.01	69.05 2.59 0.01	61.75 2.20 0.00	56.62 2.80 0.00
HEMPSTEAD____ 23647	50.02 3.58 0.00	45.02 3.10 0.00	40.04 2.80 0.00	39.74 2.50 0.00	38.76 2.40 0.00	38.81 2.54 0.00	38.64 2.36 0.00	40.93 2.50 0.00	43.16 2.97 0.00	48.65 2.95 -0.31	51.53 2.74 -0.72	54.56 1.95 -1.23	56.12 1.75 -1.15	57.72 1.88 -0.72	62.93 1.89 0.01	70.88 3.44 0.00	80.37 3.75 0.00	87.15 5.01 0.00	90.75 5.22 0.00	84.79 3.57 0.01	77.13 2.73 1.49	68.46 1.99 0.01	59.77 1.25 1.03	55.43 1.61 0.00
HICKLING___1 23621	47.93 1.49 0.00	43.59 1.68 0.00	38.55 1.30 0.00	38.10 0.86 0.00	37.35 0.98 0.00	37.03 0.76 0.00	37.23 0.94 0.00	39.59 1.15 0.00	42.08 1.89 0.00	46.98 1.59 0.00	49.99 1.92 0.00	53.75 2.36 0.00	55.76 2.55 0.00	58.04 2.92 0.00	63.91 2.87 0.00	70.55 3.10 0.00	80.06 3.45 0.00	86.49 4.35 0.00	91.35 5.82 0.00	86.42 5.20 0.00	80.52 4.63 0.00	70.19 3.72 0.00	62.65 3.10 0.00	57.37 3.55 0.00
HICKLING___2 23622	47.93 1.49 0.00	43.59 1.68 0.00	38.55 1.30 0.00	38.10 0.86 0.00	37.35 0.98 0.00	37.03 0.76 0.00	37.23 0.94 0.00	39.59 1.15 0.00	42.08 1.89 0.00	46.98 1.59 0.00	49.99 1.92 0.00	53.75 2.36 0.00	55.76 2.55 0.00	58.04 2.92 0.00	63.91 2.87 0.00	70.55 3.10 0.00	80.06 3.45 0.00	86.49 4.35 0.00	91.35 5.82 0.00	86.42 5.20 0.00	80.52 4.63 0.00	70.19 3.72 0.00	62.65 3.10 0.00	57.37 3.55 0.00
HIGH FALLS___HY 23754	49.65 3.20 0.00	44.77 2.85 0.00	39.63 2.38 0.00	39.51 2.27 0.00	38.62 2.25 0.00	38.66 2.39 0.00	38.61 2.32 0.00	40.89 2.46 0.00	42.66 2.57 0.10	47.66 2.50 0.23	50.41 2.50 0.15	53.73 2.41 0.06	55.50 2.50 0.22	57.07 2.54 0.59	62.47 2.81 1.38	69.93 4.32 1.83	79.03 4.83 2.42	87.88 5.75 0.00	92.20 6.67 0.00	86.42 5.20 0.00	80.45 4.55 0.00	69.93 3.46 0.00	62.41 2.86 0.00	56.72 2.91 0.00
HIGH_RIVER___SOLAR 323847	49.14 2.69 0.00	44.30 2.39 0.00	39.33 2.08 0.00	39.40 2.16 0.00	38.47 2.11 0.00	38.37 2.10 0.00	38.28 1.99 0.00	40.28 1.84 0.00	41.88 1.69 0.00	46.46 1.27 0.20	48.66 1.06 0.46	51.57 0.97 0.78	53.27 0.80 0.74	55.60 0.94 0.46	62.39 1.34 0.00	69.60 2.16 0.00	79.60 2.98 0.00	86.24 4.11 0.00	90.84 5.30 0.00	86.43 5.20 0.00	80.68 4.78 0.00	70.46 3.99 0.00	62.76 3.21 0.00	56.83 3.01 0.00
HILLBURN___GT 23639	49.28 2.83 0.00	44.30 2.39 0.00	39.37 2.12 0.00	39.29 2.05 0.00	38.40 2.04 0.00	38.37 2.10 0.00	38.35 2.07 0.00	40.63 2.19 0.00	42.56 2.37 0.00	47.94 2.27 -0.28	50.98 2.26 -0.65	54.70 2.21 -1.11	56.44 2.18 -1.05	58.03 2.26 -0.65	63.55 2.50 0.00	71.29 3.84 0.00	80.90 4.29 0.00	87.40 5.26 0.00	91.18 5.64 0.00	85.69 4.46 0.00	79.53 3.64 0.00	69.20 2.73 0.00	61.63 2.08 0.00	56.18 2.37 0.00
HILLSIDE_115KV_TB1 80332	47.28 0.84 0.00	42.96 1.05 0.00	38.03 0.78 0.00	37.65 0.41 0.00	36.91 0.55 0.00	36.67 0.40 0.00	36.83 0.54 0.00	39.17 0.73 0.00	41.51 1.33 0.00	46.34 0.95 0.00	49.27 1.20 0.00	52.98 1.59 0.00	54.91 1.70 0.00	57.11 1.98 0.00	62.94 1.89 0.00	69.53 2.09 0.00	78.91 2.30 0.00	85.10 2.96 0.00	89.72 4.19 0.00	84.88 3.66 0.00	79.08 3.19 0.00	69.00 2.53 0.00	61.57 2.02 0.00	56.29 2.48 0.00

HISHELDN_WT_PWR 323625	46.63 0.19 0.00	43.26 1.34 0.00	38.07 0.82 0.00	36.83 -0.41 0.00	36.18 -0.18 0.00	35.76 -0.51 0.00	36.25 -0.04 0.00	38.78 0.35 0.00	42.04 1.85 0.00	46.52 1.14 0.00	49.75 1.68 0.00	53.64 2.26 0.00	55.82 2.61 0.00	57.54 2.42 0.00	62.94 1.89 0.00	68.86 1.42 0.00	78.07 1.45 0.00	84.60 2.46 0.00	89.64 4.11 0.00	84.96 3.74 0.00	79.23 3.34 0.00	68.99 2.53 0.00	62.11 2.56 0.00	57.42 3.61 0.00
HOLTSVILLE_IC_1 23690	50.35 3.90 0.00	45.35 3.44 0.00	40.49 3.24 0.00	39.92 2.68 0.00	38.91 2.54 0.00	39.10 2.83 0.00	38.72 2.43 0.00	40.97 2.54 0.00	43.36 3.17 0.00	48.92 3.22 -0.31	51.48 2.69 -0.72	54.05 1.44 -1.23	55.53 1.17 -1.15	57.02 1.27 -0.63	61.86 1.22 0.41	70.21 2.77 0.00	79.31 2.91 0.22	86.57 4.43 0.00	90.15 4.62 0.00	83.81 2.60 0.01	74.57 1.67 2.99	67.35 1.20 0.32	57.33 0.53 2.75	54.78 0.97 0.00
HOLTSVILLE_IC_10 23699	50.63 4.18 0.00	45.60 3.69 0.00	40.67 3.42 0.00	40.07 2.83 0.00	39.05 2.69 0.00	39.28 3.01 0.00	38.86 2.58 0.00	41.13 2.69 0.00	43.56 3.38 0.00	49.14 3.45 -0.31	51.77 2.98 -0.72	54.46 1.85 -1.23	55.96 1.59 -1.15	57.49 1.76 -0.60	62.22 1.71 0.53	70.81 3.37 0.00	79.94 3.60 0.28	87.32 5.18 0.00	91.01 5.48 0.00	84.55 3.33 0.01	75.20 2.27 2.97	67.78 1.73 0.41	57.81 1.01 2.75	55.16 1.35 0.00
HOLTSVILLE_IC_2 23691	50.35 3.90 0.00	45.35 3.44 0.00	40.49 3.24 0.00	39.92 2.68 0.00	38.91 2.54 0.00	39.10 2.83 0.00	38.72 2.43 0.00	40.97 2.54 0.00	43.36 3.17 0.00	48.92 3.22 -0.31	51.48 2.69 -0.72	54.05 1.44 -1.23	55.53 1.17 -1.15	57.02 1.27 -0.63	61.86 1.22 0.41	70.21 2.77 0.00	79.31 2.91 0.22	86.57 4.43 0.00	90.15 4.62 0.00	83.81 2.60 0.01	74.57 1.67 2.99	67.35 1.20 0.32	57.33 0.53 2.75	54.78 0.97 0.00
HOLTSVILLE_IC_3 23692	50.35 3.90 0.00	45.35 3.44 0.00	40.49 3.24 0.00	39.92 2.68 0.00	38.91 2.54 0.00	39.10 2.83 0.00	38.72 2.43 0.00	40.97 2.54 0.00	43.36 3.17 0.00	48.92 3.22 -0.31	51.48 2.69 -0.72	54.05 1.44 -1.23	55.53 1.17 -1.15	57.02 1.27 -0.63	61.86 1.22 0.41	70.21 2.77 0.00	79.31 2.91 0.22	86.57 4.43 0.00	90.15 4.62 0.00	83.81 2.60 0.01	74.57 1.67 2.99	67.35 1.20 0.32	57.33 0.53 2.75	54.78 0.97 0.00
HOLTSVILLE_IC_4 23693	50.35 3.90 0.00	45.35 3.44 0.00	40.49 3.24 0.00	39.92 2.68 0.00	38.91 2.54 0.00	39.10 2.83 0.00	38.72 2.43 0.00	40.97 2.54 0.00	43.36 3.17 0.00	48.92 3.22 -0.31	51.48 2.69 -0.72	54.05 1.44 -1.23	55.53 1.17 -1.15	57.02 1.27 -0.63	61.86 1.22 0.41	70.21 2.77 0.00	79.31 2.91 0.22	86.57 4.43 0.00	90.15 4.62 0.00	83.81 2.60 0.01	74.57 1.67 2.99	67.35 1.20 0.32	57.33 0.53 2.75	54.78 0.97 0.00
HOLTSVILLE_IC_5 23694	50.35 3.90 0.00	45.35 3.44 0.00	40.49 3.24 0.00	39.92 2.68 0.00	38.91 2.54 0.00	39.10 2.83 0.00	38.72 2.43 0.00	40.97 2.54 0.00	43.36 3.17 0.00	48.92 3.22 -0.31	51.48 2.69 -0.72	54.05 1.44 -1.23	55.53 1.17 -1.15	57.02 1.27 -0.63	61.86 1.22 0.41	70.21 2.77 0.00	79.31 2.91 0.22	86.57 4.43 0.00	90.15 4.62 0.00	83.81 2.60 0.01	74.57 1.67 2.99	67.35 1.20 0.32	57.33 0.53 2.75	54.78 0.97 0.00
HOLTSVILLE_IC_6 23695	50.63 4.18 0.00	45.60 3.69 0.00	40.67 3.42 0.00	40.07 2.83 0.00	39.05 2.69 0.00	39.28 3.01 0.00	38.86 2.58 0.00	41.13 2.69 0.00	43.56 3.38 0.00	49.14 3.45 -0.31	51.77 2.98 -0.72	54.46 1.85 -1.23	55.96 1.59 -1.15	57.49 1.76 -0.60	62.22 1.71 0.53	70.81 3.37 0.00	79.94 3.60 0.28	87.32 5.18 0.00	91.01 5.48 0.00	84.55 3.33 0.01	75.20 2.27 2.97	67.78 1.73 0.41	57.81 1.01 2.75	55.16 1.35 0.00
HOLTSVILLE_IC_7 23696	50.63 4.18 0.00	45.60 3.69 0.00	40.67 3.42 0.00	40.07 2.83 0.00	39.05 2.69 0.00	39.28 3.01 0.00	38.86 2.58 0.00	41.13 2.69 0.00	43.56 3.38 0.00	49.14 3.45 -0.31	51.77 2.98 -0.72	54.46 1.85 -1.23	55.96 1.59 -1.15	57.49 1.76 -0.60	62.22 1.71 0.53	70.81 3.37 0.00	79.94 3.60 0.28	87.32 5.18 0.00	91.01 5.48 0.00	84.55 3.33 0.01	75.20 2.27 2.97	67.78 1.73 0.41	57.81 1.01 2.75	55.16 1.35 0.00
HOLTSVILLE_IC_8 23697	50.63 4.18 0.00	45.60 3.69 0.00	40.67 3.42 0.00	40.07 2.83 0.00	39.05 2.69 0.00	39.28 3.01 0.00	38.86 2.58 0.00	41.13 2.69 0.00	43.56 3.38 0.00	49.14 3.45 -0.31	51.77 2.98 -0.72	54.46 1.85 -1.23	55.96 1.59 -1.15	57.49 1.76 -0.60	62.22 1.71 0.53	70.81 3.37 0.00	79.94 3.60 0.28	87.32 5.18 0.00	91.01 5.48 0.00	84.55 3.33 0.01	75.20 2.27 2.97	67.78 1.73 0.41	57.81 1.01 2.75	55.16 1.35 0.00
HOLTSVILLE_IC_9 23698	50.63 4.18 0.00	45.60 3.69 0.00	40.67 3.42 0.00	40.07 2.83 0.00	39.05 2.69 0.00	39.28 3.01 0.00	38.86 2.58 0.00	41.13 2.69 0.00	43.56 3.38 0.00	49.14 3.45 -0.31	51.77 2.98 -0.72	54.46 1.85 -1.23	55.96 1.59 -1.15	57.49 1.76 -0.60	62.22 1.71 0.53	70.81 3.37 0.00	79.94 3.60 0.28	87.32 5.18 0.00	91.01 5.48 0.00	84.55 3.33 0.01	75.20 2.27 2.97	67.78 1.73 0.41	57.81 1.01 2.75	55.16 1.35 0.00
HOMER_HL_115KV_TB2 355744	46.30 -0.14 0.00	42.42 0.50 0.00	37.58 0.34 0.00	36.72 -0.52 0.00	36.18 -0.18 0.00	35.76 -0.51 0.00	36.18 -0.11 0.00	38.90 0.46 0.00	42.08 1.89 0.00	46.66 1.27 0.00	49.75 1.68 0.00	53.80 2.41 0.00	55.82 2.61 0.00	57.77 2.65 0.00	63.24 2.20 0.00	69.53 2.09 0.00	78.91 2.30 0.00	85.26 3.12 0.00	90.15 4.62 0.00	85.53 4.30 0.00	79.61 3.72 0.00	69.19 2.73 0.00	61.81 2.26 0.00	57.10 3.28 0.00
HOWARD_WT_PWR 323690	47.56 1.11 0.00	43.68 1.76 0.00	38.52 1.27 0.00	37.65 0.41 0.00	36.98 0.62 0.00	36.63 0.36 0.00	36.97 0.69 0.00	39.36 0.92 0.00	42.12 1.93 0.00	46.84 1.45 0.00	49.94 1.87 0.00	53.75 2.36 0.00	55.92 2.71 0.00	57.99 2.86 0.00	63.73 2.68 0.00	70.07 2.63 0.00	79.60 2.98 0.00	86.57 4.43 0.00	91.95 6.42 0.00	87.32 6.09 0.00	81.43 5.54 0.00	70.92 4.45 0.00	63.72 4.17 0.00	58.34 4.52 0.00
HQ_GEN_CEDARS 23644	46.03 -0.42 0.00	41.50 -0.42 0.00	36.91 -0.34 0.00	36.94 -0.30 0.00	36.00 -0.36 0.00	35.87 -0.40 0.00	35.89 -0.40 0.00	38.01 -0.42 0.00	39.67 -0.52 0.00	45.57 0.18 0.00	48.16 0.10 0.00	51.54 0.15 0.00	53.32 0.11 0.00	55.12 0.00 0.00	61.05 0.00 0.00	66.63 -0.81 0.00	75.77 -0.84 0.00	80.82 -1.31 0.00	83.31 -2.22 0.00	80.33 -0.89 0.00	75.44 -0.46 0.00	66.34 -0.13 0.00	59.79 0.24 0.00	53.60 -0.22 0.00
HQ_GEN_CEDARS_PROXY 323590	46.02 -0.42 0.00	41.50 -0.42 0.00	37.16 -0.34 -0.24	36.70 -0.30 0.24	36.00 -0.36 0.00	35.87 -0.40 0.00	35.89 -0.40 0.00	38.02 -0.42 0.00	39.66 -0.52 0.00	45.57 0.18 0.00	48.16 0.10 0.00	51.54 0.15 0.00	53.32 0.11 0.00	55.23 0.11 0.00	60.98 -0.06 0.00	66.64 -0.81 0.00	75.77 -0.84 0.00	80.66 -1.48 0.00	81.98 -2.82 0.73	80.98 -0.97 -0.73	75.44 -0.45 0.00	66.34 -0.13 0.00	64.47 0.24 -4.68	48.92 -0.21 4.68

HQ_GEN_IMPORT 323601	45.79 -0.65 0.00	41.29 -0.63 0.00	36.94 -0.56 -0.24	36.48 -0.52 0.24	35.82 -0.54 0.00	35.73 -0.54 0.00	35.74 -0.54 0.00	37.86 -0.58 0.00	39.54 -0.64 0.00	45.16 -0.23 0.00	47.78 -0.29 0.00	51.08 -0.31 0.00	52.89 -0.32 0.00	54.79 -0.33 0.00	60.68 -0.36 0.00	66.43 -1.01 0.00	75.54 -1.07 0.00	80.41 -1.73 0.00	82.50 -2.31 0.73	80.41 -1.55 -0.73	74.83 -1.06 0.00	65.74 -0.73 0.00	63.88 -0.36 -4.68	48.38 -0.75 4.68
HQ_GEN_WHEEL 23651	45.79 -0.65 0.00	41.29 -0.63 0.00	36.94 -0.56 -0.24	36.48 -0.52 0.24	35.82 -0.54 0.00	35.73 -0.54 0.00	35.74 -0.54 0.00	37.86 -0.58 0.00	39.54 -0.64 0.00	45.16 -0.23 0.00	47.78 -0.29 0.00	51.08 -0.31 0.00	52.89 -0.32 0.00	54.79 -0.33 0.00	60.68 -0.36 0.00	66.43 -1.01 0.00	75.54 -1.07 0.00	80.41 -1.73 0.00	82.50 -2.31 0.73	80.41 -1.55 -0.73	74.83 -1.06 0.00	65.74 -0.73 0.00	63.88 -0.36 -4.68	48.38 -0.75 4.68
HUDSON AVE_GT_3 23810	49.74 3.30 0.00	44.85 2.93 0.00	39.78 2.53 0.00	39.59 2.35 0.00	38.76 2.40 0.00	38.74 2.47 0.00	38.72 2.43 0.00	41.05 2.61 0.00	43.04 2.85 0.00	48.51 2.81 -0.31	51.67 2.88 -0.72	55.23 2.62 -1.23	56.98 2.61 -1.16	58.38 2.54 -0.72	63.73 2.69 0.00	71.62 4.18 0.00	81.29 4.67 0.00	87.40 5.26 0.00	91.35 5.82 0.00	85.77 4.55 0.00	79.69 3.79 0.00	69.13 2.66 0.00	61.81 2.26 0.00	56.40 2.58 0.00
HUDSON AVE_GT_4 23540	49.74 3.30 0.00	44.85 2.93 0.00	39.78 2.53 0.00	39.59 2.35 0.00	38.76 2.40 0.00	38.74 2.47 0.00	38.72 2.43 0.00	41.05 2.61 0.00	43.04 2.85 0.00	48.51 2.81 -0.31	51.67 2.88 -0.72	55.23 2.62 -1.23	56.98 2.61 -1.16	58.38 2.54 -0.72	63.73 2.69 0.00	71.62 4.18 0.00	81.29 4.67 0.00	87.40 5.26 0.00	91.35 5.82 0.00	85.77 4.55 0.00	79.69 3.79 0.00	69.13 2.66 0.00	61.81 2.26 0.00	56.40 2.58 0.00
HUDSON AVE_GT_5 23657	49.74 3.30 0.00	44.85 2.93 0.00	39.78 2.53 0.00	39.59 2.35 0.00	38.76 2.40 0.00	38.74 2.47 0.00	38.72 2.43 0.00	41.05 2.61 0.00	43.04 2.85 0.00	48.51 2.81 -0.31	51.67 2.88 -0.72	55.23 2.62 -1.23	56.98 2.61 -1.16	58.38 2.54 -0.72	63.73 2.69 0.00	71.62 4.18 0.00	81.29 4.67 0.00	87.40 5.26 0.00	91.35 5.82 0.00	85.77 4.55 0.00	79.69 3.79 0.00	69.13 2.66 0.00	61.81 2.26 0.00	56.40 2.58 0.00
HUDSON_AVE_10 24168	49.65 3.20 0.00	44.72 2.81 0.00	39.67 2.42 0.00	39.48 2.23 0.00	38.69 2.33 0.00	38.66 2.39 0.00	38.64 2.36 0.00	40.97 2.54 0.00	43.00 2.81 0.00	48.47 2.77 -0.31	51.53 2.74 -0.72	55.08 2.47 -1.23	56.82 2.45 -1.16	58.27 2.43 -0.72	63.55 2.50 0.00	71.49 4.05 0.00	81.06 4.44 0.00	87.23 5.09 0.00	91.18 5.65 0.00	85.53 4.30 0.00	79.46 3.57 0.00	68.93 2.46 0.00	61.69 2.14 0.00	56.29 2.48 0.00
HUDSON___115KV_TB 4 355613	47.74 1.30 0.00	43.09 1.17 0.00	38.33 1.08 0.00	38.36 1.12 0.00	37.49 1.13 0.00	37.43 1.16 0.00	37.34 1.05 0.00	39.38 0.96 0.02	40.68 0.88 0.40	44.00 0.27 1.66	45.77 0.14 2.44	47.93 -0.05 3.40	49.30 -0.11 3.80	51.03 0.00 4.09	55.98 0.18 5.25	61.53 1.01 6.93	68.91 1.46 9.16	84.09 1.97 0.02	88.27 2.74 0.00	83.50 2.27 0.00	77.86 1.97 0.00	68.00 1.53 0.00	60.74 1.19 0.00	54.84 1.02 0.00
HUNTER MOUNT___DRP 323613	47.88 1.44 0.00	43.21 1.30 0.00	38.44 1.19 0.00	38.47 1.23 0.00	37.60 1.24 0.00	37.54 1.27 0.00	37.41 1.12 0.00	39.41 1.00 0.03	40.66 1.04 0.58	43.56 0.45 2.28	45.08 0.24 3.23	47.02 0.05 4.42	48.24 0.05 5.02	49.71 0.22 5.63	53.84 0.43 7.64	58.65 1.28 10.08	65.05 1.76 13.32	84.33 2.22 0.02	88.61 3.08 0.00	83.74 2.52 0.00	78.17 2.28 0.00	68.26 1.79 0.00	60.98 1.43 0.00	55.05 1.24 0.00
HUNTINGTON_RES_REC 323705	50.30 3.85 0.00	45.23 3.31 0.00	40.27 3.02 0.00	39.78 2.53 0.00	38.80 2.44 0.00	38.92 2.65 0.00	38.61 2.32 0.00	40.90 2.46 0.00	43.28 3.09 0.00	48.87 3.18 -0.31	51.48 2.69 -0.72	54.00 1.39 -1.23	55.48 1.12 -1.15	56.76 1.27 -0.37	60.80 1.28 1.53	70.34 2.90 0.00	78.87 3.07 0.81	86.65 4.51 0.00	90.23 4.70 0.00	83.89 2.68 0.01	74.68 1.75 2.96	66.42 1.13 1.18	57.02 0.47 3.00	54.67 0.86 0.00
HUNTLEY___63 23557	46.63 0.19 0.00	42.88 0.96 0.00	37.99 0.74 0.00	37.13 -0.11 0.00	36.36 0.00 0.00	36.09 -0.18 0.00	36.36 0.07 0.00	39.05 0.61 0.00	42.52 2.33 0.00	46.93 1.54 0.00	50.08 2.02 0.00	54.21 2.83 0.00	56.19 2.98 0.00	58.04 2.92 0.00	63.37 2.32 0.00	68.93 1.48 0.00	77.99 1.38 0.00	84.19 2.05 0.00	88.95 3.42 0.00	84.23 3.01 0.00	78.47 2.58 0.00	68.53 2.06 0.00	61.45 1.91 0.00	57.58 3.77 0.00
HUNTLEY___64 23558	46.63 0.19 0.00	42.88 0.96 0.00	37.99 0.74 0.00	37.13 -0.11 0.00	36.36 0.00 0.00	36.09 -0.18 0.00	36.36 0.07 0.00	39.05 0.61 0.00	42.52 2.33 0.00	46.93 1.54 0.00	50.08 2.02 0.00	54.21 2.83 0.00	56.19 2.98 0.00	58.04 2.92 0.00	63.37 2.32 0.00	68.93 1.48 0.00	77.99 1.38 0.00	84.19 2.05 0.00	88.95 3.42 0.00	84.23 3.01 0.00	78.47 2.58 0.00	68.53 2.06 0.00	61.45 1.91 0.00	57.58 3.77 0.00
HUNTLEY___65 23559	46.63 0.19 0.00	42.88 0.96 0.00	37.99 0.74 0.00	37.13 -0.11 0.00	36.36 0.00 0.00	36.09 -0.18 0.00	36.36 0.07 0.00	39.05 0.61 0.00	42.52 2.33 0.00	46.93 1.54 0.00	50.08 2.02 0.00	54.21 2.83 0.00	56.19 2.98 0.00	58.04 2.92 0.00	63.37 2.32 0.00	68.93 1.48 0.00	77.99 1.38 0.00	84.19 2.05 0.00	88.95 3.42 0.00	84.23 3.01 0.00	78.47 2.58 0.00	68.53 2.06 0.00	61.45 1.91 0.00	57.58 3.77 0.00
HUNTLEY___66 23560	46.63 0.19 0.00	42.88 0.96 0.00	37.99 0.74 0.00	37.13 -0.11 0.00	36.36 0.00 0.00	36.09 -0.18 0.00	36.36 0.07 0.00	39.05 0.61 0.00	42.52 2.33 0.00	46.93 1.54 0.00	50.08 2.02 0.00	54.21 2.83 0.00	56.19 2.98 0.00	58.04 2.92 0.00	63.37 2.32 0.00	68.93 1.48 0.00	77.99 1.38 0.00	84.19 2.05 0.00	88.95 3.42 0.00	84.23 3.01 0.00	78.47 2.58 0.00	68.53 2.06 0.00	61.45 1.91 0.00	57.58 3.77 0.00
HUNTLEY___67 23561	46.40 -0.05 0.00	42.63 0.71 0.00	37.77 0.52 0.00	36.80 -0.45 0.00	36.15 -0.22 0.00	35.76 -0.51 0.00	36.18 -0.11 0.00	38.82 0.38 0.00	42.20 2.01 0.00	46.61 1.23 0.00	49.80 1.73 0.00	53.85 2.47 0.00	55.82 2.61 0.00	57.66 2.54 0.00	63.00 1.95 0.00	68.99 1.55 0.00	78.15 1.53 0.00	84.27 2.14 0.00	89.13 3.59 0.00	84.39 3.17 0.00	78.55 2.66 0.00	68.40 1.93 0.00	61.16 1.61 0.00	57.21 3.39 0.00
HUNTLEY___68 23562	46.40 -0.05 0.00	42.63 0.71 0.00	37.77 0.52 0.00	36.80 -0.45 0.00	36.15 -0.22 0.00	35.76 -0.51 0.00	36.18 -0.11 0.00	38.82 0.38 0.00	42.20 2.01 0.00	46.61 1.23 0.00	49.80 1.73 0.00	53.85 2.47 0.00	55.82 2.61 0.00	57.66 2.54 0.00	63.00 1.95 0.00	68.99 1.55 0.00	78.15 1.53 0.00	84.27 2.14 0.00	89.13 3.59 0.00	84.39 3.17 0.00	78.55 2.66 0.00	68.40 1.93 0.00	61.16 1.61 0.00	57.21 3.39 0.00

HYLAND___LFGE 323620	50.07 3.62 0.00	45.94 4.02 0.00	40.45 3.20 0.00	39.48 2.23 0.00	38.62 2.26 0.00	38.26 1.99 0.00	38.28 1.99 0.00	40.17 1.73 0.00	42.20 2.01 0.00	46.39 1.00 0.00	48.93 0.87 0.00	52.36 0.97 0.00	54.59 1.38 0.00	56.77 1.65 0.00	62.63 1.58 0.00	67.04 -0.40 0.00	76.69 0.08 0.00	84.36 2.22 0.00	91.18 5.64 0.00	88.05 6.82 0.00	82.64 6.75 0.00	72.32 5.85 0.00	66.69 7.14 0.00	60.92 7.10 0.00
INDECK___CORINTH 23802	48.90 2.46 0.00	44.05 2.14 0.00	39.22 1.97 0.00	39.29 2.05 0.00	38.33 1.96 0.00	38.19 1.92 0.00	38.13 1.85 0.00	40.21 1.77 0.00	42.16 1.97 0.00	46.58 1.45 0.26	48.41 0.96 0.62	51.31 0.97 1.05	53.07 0.85 0.99	55.55 1.04 0.62	62.33 1.28 0.00	69.80 2.36 0.00	79.60 2.98 0.00	86.33 4.19 0.00	91.52 5.99 0.00	86.58 5.36 0.00	80.90 5.01 0.00	70.46 3.99 0.00	62.70 3.15 0.00	56.56 2.74 0.00
INDECK___ILION 23567	46.44 0.00 0.00	41.87 -0.04 0.00	37.21 -0.04 0.00	37.20 -0.04 0.00	36.33 -0.04 0.00	36.27 0.00 0.00	36.28 0.00 0.00	38.44 0.00 0.00	40.11 -0.08 0.00	45.25 -0.14 0.00	47.87 -0.19 0.00	51.18 -0.21 0.00	53.05 -0.16 0.00	54.96 -0.17 0.00	60.86 -0.18 0.00	67.51 0.07 0.00	76.69 0.08 0.00	82.30 0.16 0.00	85.96 0.43 0.00	81.39 0.16 0.00	75.89 0.00 0.00	66.40 -0.07 0.00	59.25 -0.30 0.00	53.65 -0.16 0.00
INDECK___OLEAN 23982	46.30 -0.14 0.00	42.92 1.00 0.00	37.96 0.71 0.00	36.83 -0.41 0.00	36.22 -0.14 0.00	35.76 -0.51 0.00	36.14 -0.14 0.00	38.82 0.38 0.00	42.08 1.89 0.00	46.71 1.32 0.00	49.94 1.87 0.00	53.95 2.57 0.00	56.13 2.92 0.00	57.77 2.65 0.00	63.24 2.19 0.00	69.54 2.09 0.00	78.91 2.30 0.00	85.51 3.37 0.00	90.32 4.79 0.00	85.53 4.30 0.00	79.61 3.72 0.00	69.20 2.73 0.00	62.11 2.56 0.00	57.04 3.23 0.00
INDECK___OSWEGO 23783	45.98 -0.46 0.00	41.69 -0.38 -0.15	36.88 -0.37 0.00	36.72 -0.52 0.00	35.85 -0.51 0.00	35.76 -0.51 0.00	35.78 -0.51 0.00	37.90 -0.54 0.00	39.83 -0.36 0.00	44.75 -0.64 0.00	47.54 -0.53 0.00	50.87 -0.51 0.00	52.73 -0.48 0.00	54.24 -0.88 0.00	59.95 -1.10 0.00	66.36 -1.08 0.00	75.38 -1.23 0.00	81.07 -1.07 0.00	84.85 -0.69 0.00	80.25 -0.97 0.00	74.83 -1.06 0.00	65.47 -1.00 0.00	60.01 -1.01 -1.48	54.94 -0.27 -1.39
INDECK___YERKES 23781	46.68 0.23 0.00	43.59 1.68 0.00	38.55 1.30 0.00	37.28 0.04 0.00	36.65 0.29 0.00	36.16 -0.11 0.00	36.50 0.22 0.00	39.21 0.77 0.00	42.60 2.41 0.00	47.07 1.68 0.00	50.37 2.31 0.00	54.41 3.03 0.00	56.62 3.41 0.00	58.10 2.97 0.00	63.42 2.38 0.00	68.92 1.48 0.00	77.99 1.38 0.00	84.19 2.05 0.00	89.04 3.51 0.00	84.23 3.01 0.00	78.39 2.50 0.00	68.53 2.06 0.00	61.93 2.38 0.00	57.64 3.82 0.00
INDIAN POINT_GT_1 24139	49.23 2.79 0.00	44.39 2.47 0.00	39.41 2.16 0.00	39.25 2.01 0.00	38.40 2.04 0.00	38.37 2.10 0.00	38.32 2.03 0.00	40.59 2.15 0.00	42.52 2.33 0.00	47.92 2.22 -0.30	51.08 2.31 -0.71	54.75 2.16 -1.21	56.48 2.13 -1.14	57.92 2.09 -0.71	63.30 2.26 0.00	71.08 3.64 0.00	80.67 4.06 0.00	86.82 4.68 0.00	90.84 5.30 0.00	85.28 4.06 0.00	79.31 3.42 0.00	68.93 2.46 0.00	61.51 1.97 0.00	56.08 2.26 0.00
INDIAN POINT_GT_2 23659	49.23 2.79 0.00	44.39 2.47 0.00	39.41 2.16 0.00	39.25 2.01 0.00	38.40 2.04 0.00	38.37 2.10 0.00	38.32 2.03 0.00	40.59 2.15 0.00	42.52 2.33 0.00	47.92 2.22 -0.30	51.08 2.31 -0.71	54.75 2.16 -1.21	56.48 2.13 -1.14	57.92 2.09 -0.71	63.30 2.26 0.00	71.08 3.64 0.00	80.67 4.06 0.00	86.82 4.68 0.00	90.84 5.30 0.00	85.28 4.06 0.00	79.31 3.42 0.00	68.93 2.46 0.00	61.51 1.97 0.00	56.08 2.26 0.00
INDIAN POINT_GT_3 24019	49.23 2.79 0.00	44.39 2.47 0.00	39.41 2.16 0.00	39.25 2.01 0.00	38.40 2.04 0.00	38.37 2.10 0.00	38.32 2.03 0.00	40.59 2.15 0.00	42.52 2.33 0.00	47.92 2.22 -0.30	51.08 2.31 -0.71	54.75 2.16 -1.21	56.48 2.13 -1.14	57.92 2.09 -0.71	63.30 2.26 0.00	71.08 3.64 0.00	80.67 4.06 0.00	86.82 4.68 0.00	90.84 5.30 0.00	85.28 4.06 0.00	79.31 3.42 0.00	68.93 2.46 0.00	61.51 1.97 0.00	56.08 2.26 0.00
INDIAN POINT___2 23530	49.18 2.74 0.00	44.22 2.30 0.00	39.30 2.05 0.00	39.21 1.97 0.00	38.36 2.00 0.00	38.30 2.03 0.00	38.28 1.99 0.00	40.59 2.15 0.00	42.48 2.29 0.00	47.86 2.18 -0.29	50.92 2.16 -0.69	54.61 2.06 -1.17	56.33 2.02 -1.10	57.85 2.04 -0.69	63.24 2.19 0.00	71.01 3.57 0.00	80.60 3.98 0.00	87.07 4.93 0.00	90.75 5.22 0.00	85.28 4.06 0.00	79.23 3.34 0.00	68.86 2.39 0.00	61.40 1.85 0.00	56.02 2.21 0.00
INDIAN POINT___3 23531	49.14 2.69 0.00	44.35 2.43 0.00	39.37 2.12 0.00	39.22 1.97 0.00	38.36 2.00 0.00	38.34 2.07 0.00	38.32 2.03 0.00	40.59 2.15 0.00	42.48 2.29 0.00	47.87 2.18 -0.30	50.99 2.21 -0.71	54.64 2.06 -1.21	56.42 2.08 -1.14	57.81 1.98 -0.71	63.24 2.20 0.00	70.95 3.51 0.00	80.52 3.91 0.00	86.74 4.60 0.00	90.66 5.13 0.00	85.20 3.98 0.00	79.16 3.26 0.00	68.86 2.39 0.00	61.45 1.91 0.00	56.02 2.21 0.00
INGHAM_C_115KV_TB7 356103	45.75 -0.70 0.00	41.24 -0.67 0.00	36.58 -0.67 0.00	36.61 -0.63 0.00	35.71 -0.65 0.00	35.69 -0.58 0.00	35.70 -0.58 0.00	37.78 -0.65 0.00	39.42 -0.76 0.00	44.48 -0.91 0.00	47.06 -1.01 0.00	50.30 -1.08 0.00	52.15 -1.06 0.00	54.07 -1.05 0.00	59.82 -1.22 0.00	66.36 -1.08 0.00	75.39 -1.23 0.00	80.99 -1.15 0.00	84.59 -0.94 0.00	80.09 -1.14 0.00	74.60 -1.29 0.00	65.27 -1.20 0.00	58.24 -1.31 0.00	52.74 -1.08 0.00
IP CORINTH___1 23988	49.18 2.74 0.00	44.35 2.43 0.00	39.48 2.23 0.00	39.48 2.23 0.00	38.51 2.15 0.00	38.41 2.14 0.00	38.32 2.03 0.00	40.44 2.00 0.00	42.40 2.21 0.00	46.89 1.77 0.26	48.75 1.30 0.62	51.62 1.28 1.05	53.39 1.17 0.99	55.94 1.43 0.62	62.69 1.65 0.00	70.21 2.77 0.00	80.06 3.45 0.00	86.66 4.52 0.00	91.78 6.24 0.00	86.99 5.77 0.00	81.36 5.46 0.00	70.86 4.39 0.00	63.06 3.51 0.00	56.88 3.07 0.00
IP___TICONDEROGA 23804	51.92 5.48 0.00	46.82 4.90 0.00	41.53 4.28 0.00	41.52 4.28 0.00	40.47 4.11 0.00	40.33 4.06 0.00	40.20 3.92 0.00	42.28 3.84 0.00	44.57 4.38 0.00	49.20 4.08 0.27	51.13 3.70 0.63	54.26 3.96 1.08	56.13 3.94 1.02	58.90 4.41 0.63	65.93 4.88 0.00	73.98 6.54 0.00	84.58 7.97 0.00	91.91 9.77 0.00	97.76 12.23 0.00	92.92 11.70 0.00	86.97 11.08 0.00	75.58 9.11 0.00	67.17 7.62 0.00	60.38 6.57 0.00
ISLIP_RES_REC 323679	50.90 4.46 0.00	45.81 3.90 0.00	40.86 3.61 0.00	40.26 3.02 0.00	39.24 2.87 0.00	39.46 3.19 0.00	39.04 2.76 0.00	41.32 2.88 0.00	43.81 3.62 0.00	49.42 3.72 -0.31	52.06 3.27 -0.72	54.77 2.16 -1.23	56.38 2.02 -1.15	57.93 2.21 -0.60	62.72 2.19 0.52	71.35 3.91 0.00	80.63 4.29 0.27	88.13 5.99 0.00	91.86 6.33 0.00	85.27 4.06 0.01	75.82 2.88 2.95	68.33 2.26 0.40	58.24 1.43 2.73	55.54 1.72 0.00

JAMAICA__27_KV_LOAD 355505	49.93 3.48 0.00	44.93 3.02 0.00	39.86 2.61 0.00	39.63 2.38 0.00	38.91 2.55 0.00	38.92 2.65 0.00	38.86 2.58 0.00	41.32 2.88 0.00	43.44 3.26 0.00	48.92 3.22 -0.31	51.82 3.03 -0.72	55.44 2.83 -1.23	57.19 2.82 -1.16	58.65 2.81 -0.72	63.98 2.93 0.00	72.03 4.59 0.00	81.75 5.13 0.00	87.97 5.83 0.00	91.95 6.41 0.00	86.26 5.04 0.00	80.14 4.25 0.00	69.39 2.92 0.00	62.29 2.74 0.00	56.72 2.91 0.00
JANIS__SOLAR 323808	49.42 2.98 0.00	44.72 2.81 0.00	39.52 2.27 0.00	39.25 2.01 0.00	38.33 1.96 0.00	38.23 1.96 0.00	38.32 2.03 0.00	40.51 2.07 0.00	42.36 2.17 0.00	47.43 2.04 0.00	50.18 2.11 0.00	53.70 2.31 0.00	55.76 2.55 0.00	58.04 2.92 0.00	64.10 3.05 0.00	71.35 3.91 0.00	81.37 4.75 0.00	88.38 6.24 0.00	93.66 8.13 0.00	88.61 7.39 0.00	82.34 6.45 0.00	71.98 5.51 0.00	63.96 4.41 0.00	58.07 4.25 0.00
JARVIS____ 23743	46.72 0.28 0.00	42.17 0.25 0.00	37.47 0.22 0.00	37.47 0.22 0.00	36.58 0.22 0.00	36.53 0.26 0.00	36.54 0.26 0.00	38.71 0.27 0.00	40.43 0.24 0.00	45.52 0.14 0.00	48.21 0.14 0.00	51.49 0.10 0.00	53.32 0.11 0.00	55.29 0.17 0.00	61.23 0.18 0.00	67.85 0.41 0.00	77.08 0.46 0.00	82.79 0.65 0.00	86.39 0.86 0.00	81.87 0.65 0.00	76.35 0.46 0.00	66.80 0.33 0.00	59.73 0.18 0.00	54.09 0.27 0.00
JENNISON____1 23625	49.74 3.30 0.00	44.89 2.98 0.00	39.71 2.46 0.00	39.59 2.35 0.00	38.69 2.33 0.00	38.66 2.39 0.00	38.79 2.50 0.00	41.17 2.73 0.00	42.96 2.77 0.00	48.29 2.90 0.00	51.09 3.03 0.00	54.77 3.39 0.00	56.93 3.72 0.00	59.31 4.19 0.00	65.38 4.33 0.00	72.84 5.40 0.00	82.74 6.13 0.00	89.45 7.31 0.00	94.34 8.81 0.00	88.94 7.72 0.00	82.57 6.68 0.00	72.19 5.72 0.00	64.02 4.47 0.00	58.28 4.47 0.00
JENNISON____2 23626	49.74 3.30 0.00	44.89 2.98 0.00	39.71 2.46 0.00	39.59 2.35 0.00	38.69 2.33 0.00	38.66 2.39 0.00	38.79 2.50 0.00	41.17 2.73 0.00	42.96 2.77 0.00	48.29 2.90 0.00	51.09 3.03 0.00	54.77 3.39 0.00	56.93 3.72 0.00	59.31 4.19 0.00	65.38 4.33 0.00	72.84 5.40 0.00	82.74 6.13 0.00	89.45 7.31 0.00	94.34 8.81 0.00	88.94 7.72 0.00	82.57 6.68 0.00	72.19 5.72 0.00	64.02 4.47 0.00	58.28 4.47 0.00
JERICOHO_RISE_WT_PWR 323719	45.24 -1.21 0.00	40.66 -1.26 0.00	36.17 -1.08 0.00	36.16 -1.08 0.00	35.24 -1.13 0.00	35.11 -1.16 0.00	35.09 -1.20 0.00	37.28 -1.15 0.00	38.98 -1.20 0.00	44.85 -0.54 0.00	47.35 -0.72 0.00	50.61 -0.77 0.00	52.41 -0.80 0.00	54.24 -0.88 0.00	60.01 -1.04 0.00	65.42 -2.02 0.00	74.55 -2.06 0.00	79.35 -2.79 0.00	82.11 -3.42 0.00	78.70 -2.52 0.00	73.92 -1.97 0.00	64.94 -1.53 0.00	58.48 -1.07 0.00	52.42 -1.40 0.00
KATONAH__115KV_46KV_TB4 355592	49.42 2.97 0.00	44.60 2.68 0.00	39.60 2.35 0.00	39.40 2.16 0.00	38.51 2.15 0.00	38.52 2.25 0.00	38.46 2.18 0.00	40.74 2.31 0.00	42.72 2.53 0.00	48.10 2.41 -0.31	51.43 2.64 -0.72	55.18 2.57 -1.23	56.93 2.55 -1.16	58.38 2.54 -0.72	63.79 2.75 0.00	71.76 4.32 0.00	81.44 4.83 0.00	87.56 5.42 0.00	91.61 6.07 0.00	86.10 4.87 0.00	79.99 4.10 0.00	69.39 2.92 0.00	61.93 2.38 0.00	56.45 2.64 0.00
KCE_NY_1 323755	49.14 2.69 0.00	44.30 2.39 0.00	39.37 2.12 0.00	39.44 2.20 0.00	38.51 2.14 0.00	38.37 2.10 0.00	38.35 2.07 0.00	40.43 2.00 0.00	42.28 2.09 0.00	46.83 1.72 0.28	49.00 1.58 0.65	51.91 1.64 1.11	53.75 1.59 1.05	56.28 1.82 0.65	63.12 2.08 0.00	70.61 3.17 0.00	80.44 3.83 0.00	87.07 4.93 0.00	91.52 5.99 0.00	86.58 5.36 0.00	80.75 4.86 0.00	70.39 3.92 0.00	62.70 3.15 0.00	56.72 2.90 0.00
KCE_NY_6_ESR 323823	46.81 0.37 0.00	43.63 1.72 0.00	38.55 1.30 0.00	37.17 -0.07 0.00	36.51 0.15 0.00	36.05 -0.22 0.00	36.43 0.15 0.00	39.13 0.69 0.00	42.64 2.45 0.00	47.21 1.82 0.00	50.52 2.45 0.00	54.57 3.19 0.00	56.78 3.57 0.00	58.32 3.20 0.00	63.73 2.68 0.00	69.80 2.36 0.00	79.06 2.45 0.00	85.43 3.29 0.00	90.41 4.87 0.00	85.61 4.38 0.00	79.61 3.72 0.00	69.33 2.86 0.00	62.41 2.86 0.00	57.85 4.04 0.00
KEDC PORT_JEFF_GT2 24210	50.53 4.09 0.00	45.48 3.56 0.00	40.60 3.35 0.00	40.00 2.76 0.00	38.98 2.62 0.00	39.21 2.94 0.00	38.79 2.50 0.00	41.09 2.65 0.00	43.48 3.30 0.00	49.06 3.36 -0.31	51.67 2.88 -0.72	54.30 1.69 -1.23	55.85 1.49 -1.15	57.31 1.60 -0.59	61.92 1.46 0.59	70.48 3.04 0.00	79.14 2.84 0.31	86.41 4.27 0.00	90.06 4.53 0.00	83.57 2.36 0.01	74.28 1.37 2.98	67.34 1.33 0.46	57.60 0.83 2.78	55.05 1.24 0.00
KEDC PORT_JEFF_GT3 24211	50.53 4.09 0.00	45.48 3.56 0.00	40.60 3.35 0.00	40.00 2.76 0.00	38.98 2.62 0.00	39.21 2.94 0.00	38.79 2.50 0.00	41.09 2.65 0.00	43.48 3.30 0.00	49.06 3.36 -0.31	51.67 2.88 -0.72	54.30 1.69 -1.23	55.85 1.49 -1.15	57.31 1.60 -0.59	61.92 1.46 0.59	70.48 3.04 0.00	79.14 2.84 0.31	86.41 4.27 0.00	90.06 4.53 0.00	83.57 2.36 0.01	74.28 1.37 2.98	67.34 1.33 0.46	57.60 0.83 2.78	55.05 1.24 0.00
KEDC_GLWD_GT4 24219	50.07 3.62 0.00	45.02 3.10 0.00	40.04 2.80 0.00	39.81 2.57 0.00	38.87 2.51 0.00	38.88 2.61 0.00	38.75 2.47 0.00	41.09 2.65 0.00	43.20 3.02 0.00	48.74 3.04 -0.31	51.77 2.98 -0.72	55.13 2.52 -1.23	56.76 2.40 -1.16	58.32 2.48 -0.72	63.49 2.44 0.00	71.49 4.05 0.00	81.13 4.52 0.00	87.80 5.66 0.00	91.52 5.99 0.00	85.60 4.38 0.00	78.40 3.49 0.99	68.99 2.53 0.00	60.68 1.78 0.65	56.13 2.31 0.00
KEDC_GLWD_GT5 24220	50.07 3.62 0.00	45.02 3.10 0.00	40.04 2.80 0.00	39.81 2.57 0.00	38.87 2.51 0.00	38.88 2.61 0.00	38.75 2.47 0.00	41.09 2.65 0.00	43.20 3.02 0.00	48.74 3.04 -0.31	51.77 2.98 -0.72	55.13 2.52 -1.23	56.76 2.40 -1.16	58.32 2.48 -0.72	63.49 2.44 0.00	71.49 4.05 0.00	81.13 4.52 0.00	87.80 5.66 0.00	91.52 5.99 0.00	85.60 4.38 0.00	78.40 3.49 0.99	68.99 2.53 0.00	60.68 1.78 0.65	56.13 2.31 0.00
KENSICO____ 23655	49.32 2.88 0.00	44.51 2.60 0.00	39.52 2.27 0.00	39.33 2.09 0.00	38.51 2.15 0.00	38.48 2.21 0.00	38.43 2.14 0.00	40.70 2.27 0.00	42.64 2.45 0.00	48.06 2.36 -0.31	51.24 2.45 -0.72	54.87 2.26 -1.22	56.60 2.23 -1.16	58.04 2.20 -0.72	63.43 2.38 0.00	71.22 3.78 0.00	80.83 4.21 0.00	86.98 4.85 0.00	90.92 5.39 0.00	85.45 4.22 0.00	79.38 3.49 0.00	69.00 2.53 0.00	61.57 2.02 0.00	56.18 2.37 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	49.51 3.07 0.00	44.64 2.72 0.00	39.56 2.31 0.00	39.44 2.20 0.00	38.55 2.18 0.00	38.56 2.29 0.00	38.53 2.25 0.00	40.78 2.34 0.00	42.57 2.45 0.07	47.63 2.31 0.07	50.50 2.36 -0.08	53.91 2.26 -0.27	55.70 2.34 -0.15	57.34 2.43 0.20	62.76 2.62 0.91	70.36 4.11 1.20	79.71 4.67 1.58	87.64 5.50 0.00	91.95 6.41 0.00	86.26 5.04 0.00	80.29 4.40 0.00	69.86 3.39 0.00	62.29 2.74 0.00	56.61 2.80 0.00

KLAC_JFK_GT1 23816	49.42 2.97 0.00	44.51 2.60 0.00	39.48 2.23 0.00	39.29 2.05 0.00	38.69 2.33 0.00	38.70 2.43 0.00	38.50 2.21 0.00	40.94 2.50 0.00	43.04 2.85 0.00	48.47 2.77 -0.31	51.34 2.55 -0.72	54.87 2.26 -1.23	56.60 2.23 -1.16	58.05 2.20 -0.72	63.30 2.26 0.00	71.29 3.84 0.00	80.90 4.29 0.00	87.07 4.93 0.00	90.92 5.39 0.00	85.37 4.14 0.00	79.31 3.42 0.00	68.66 2.19 0.00	61.63 2.08 0.00	56.13 2.31 0.00
KIAC_JFK_GT2 23817	49.42 2.97 0.00	44.51 2.60 0.00	39.48 2.23 0.00	39.29 2.05 0.00	38.69 2.33 0.00	38.70 2.43 0.00	38.50 2.21 0.00	40.94 2.50 0.00	43.04 2.85 0.00	48.47 2.77 -0.31	51.34 2.55 -0.72	54.87 2.26 -1.23	56.60 2.23 -1.16	58.05 2.20 -0.72	63.30 2.26 0.00	71.29 3.84 0.00	80.90 4.29 0.00	87.07 4.93 0.00	90.92 5.39 0.00	85.37 4.14 0.00	79.31 3.42 0.00	68.66 2.19 0.00	61.63 2.08 0.00	56.13 2.31 0.00
KIAC_JFK____ 323774	49.42 2.98 0.00	44.39 2.47 0.00	39.41 2.16 0.00	39.29 2.05 0.00	38.62 2.26 0.00	38.63 2.36 0.00	38.50 2.21 0.00	40.93 2.50 0.00	43.00 2.81 0.00	48.47 2.77 -0.31	51.19 2.40 -0.72	54.87 2.26 -1.23	56.55 2.18 -1.16	58.05 2.21 -0.72	63.31 2.26 0.00	71.29 3.84 0.00	80.90 4.29 0.00	87.40 5.26 0.00	91.01 5.48 0.00	85.44 4.22 0.00	79.31 3.42 0.00	68.66 2.19 0.00	61.51 1.96 0.00	56.13 2.31 0.00
KINTIGH__24_KV_GSU 356498	46.44 0.00 0.00	43.13 1.22 0.00	38.14 0.89 0.00	37.02 -0.22 0.00	36.29 -0.07 0.00	35.91 -0.36 0.00	36.18 -0.11 0.00	38.71 0.27 0.00	41.91 1.73 0.00	46.43 1.04 0.00	49.70 1.64 0.00	53.70 2.31 0.00	55.76 2.55 0.00	57.27 2.15 0.00	62.82 1.77 0.00	68.86 1.42 0.00	77.99 1.38 0.00	84.03 1.89 0.00	88.70 3.17 0.00	83.90 2.68 0.00	78.09 2.20 0.00	68.13 1.66 0.00	61.21 1.67 0.00	56.61 -2.80 0.00
KINTIGH____ 23543	46.44 0.00 0.00	42.59 0.67 0.00	37.73 0.48 0.00	36.91 -0.34 0.00	36.18 -0.18 0.00	35.87 -0.40 0.00	36.18 -0.11 0.00	38.67 0.23 0.00	41.88 1.69 0.00	46.39 1.00 0.00	49.56 1.49 0.00	53.54 2.16 0.00	55.50 2.29 0.00	57.27 2.15 0.00	62.82 1.77 0.00	68.79 1.35 0.00	77.99 1.38 0.00	84.03 1.89 0.00	88.70 3.16 0.00	83.90 2.68 0.00	78.09 2.20 0.00	68.06 1.60 0.00	60.86 1.31 0.00	56.67 2.85 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	45.61 -0.84 0.00	41.03 -0.88 0.00	36.50 -0.74 0.00	36.46 -0.78 0.00	35.53 -0.84 0.00	35.36 -0.91 0.00	35.34 -0.94 0.00	37.59 -0.85 0.00	39.34 -0.84 0.00	45.21 -0.18 0.00	47.59 -0.48 0.00	50.87 -0.51 0.00	52.68 -0.53 0.00	54.51 -0.61 0.00	60.37 -0.67 0.00	65.82 -1.62 0.00	75.00 -1.61 0.00	80.17 -1.97 0.00	83.22 -2.31 0.00	79.60 -1.62 0.00	74.68 -1.21 0.00	65.54 -0.93 0.00	58.95 -0.60 0.00	52.85 -0.97 0.00
LACHUTE__HYDRO 323717	51.92 5.48 0.00	46.78 4.86 0.00	41.53 4.28 0.00	41.52 4.28 0.00	40.47 4.11 0.00	40.30 4.03 0.00	40.20 3.92 0.00	42.28 3.84 0.00	44.53 4.34 0.00	49.11 4.00 0.27	51.08 3.65 0.63	54.26 3.96 1.08	56.13 3.94 1.02	58.90 4.41 0.63	65.93 4.89 0.00	74.06 6.61 0.00	84.58 7.97 0.00	92.07 9.93 0.00	98.02 12.49 0.00	93.00 11.77 0.00	86.97 11.08 0.00	75.58 9.11 0.00	67.17 7.62 0.00	60.38 6.56 0.00
LAWRNCAV_115KV_TB1 80681	46.07 -0.37 0.00	41.50 -0.42 0.00	36.91 -0.34 0.00	36.87 -0.37 0.00	35.93 -0.44 0.00	35.87 -0.40 0.00	35.85 -0.44 0.00	37.98 -0.46 0.00	39.58 -0.60 0.00	45.48 0.09 0.00	48.02 -0.05 0.00	51.38 0.00 0.00	53.21 0.00 0.00	54.96 -0.17 0.00	60.86 -0.18 0.00	66.50 -0.94 0.00	75.77 -0.84 0.00	80.91 -1.23 0.00	83.65 -1.88 0.00	80.65 -0.57 0.00	75.66 -0.23 0.00	66.60 0.13 0.00	59.91 0.36 0.00	53.71 -0.11 0.00
LEDERLE____ 23769	49.46 3.02 0.00	44.60 2.68 0.00	39.60 2.35 0.00	39.44 2.20 0.00	38.58 2.22 0.00	38.56 2.29 0.00	38.53 2.25 0.00	40.82 2.38 0.00	42.76 2.57 0.00	48.13 2.45 -0.29	51.28 2.55 -0.67	54.99 2.47 -1.14	56.79 2.50 -1.08	58.33 2.54 -0.67	63.79 2.75 0.00	71.62 4.18 0.00	81.29 4.67 0.00	87.56 5.42 0.00	91.52 5.99 0.00	85.93 4.71 0.00	79.91 4.02 0.00	69.46 2.99 0.00	61.99 2.44 0.00	56.45 2.64 0.00
LIGHTHSE_115KV_TB6 355974	47.09 0.65 0.00	42.53 0.54 -0.07	37.66 0.41 0.00	37.54 0.30 0.00	36.58 0.22 0.00	36.52 0.25 0.00	36.58 0.29 0.00	38.71 0.27 0.00	40.59 0.40 0.00	45.66 0.27 0.00	48.35 0.29 0.00	51.79 0.41 0.00	53.74 0.53 0.00	55.67 0.55 0.00	61.47 0.43 0.00	68.18 0.74 0.00	77.53 0.92 0.00	83.54 1.40 0.00	87.67 2.14 0.00	83.09 1.87 0.00	77.41 1.52 0.00	67.87 1.40 0.00	61.29 1.01 -0.72	55.73 1.24 -0.68
LINDEN COGEN____ 23786	49.37 2.93 0.00	44.35 2.43 0.00	39.41 2.16 0.00	39.29 2.05 0.00	38.44 2.07 0.00	38.37 2.10 0.00	38.43 2.14 0.00	40.74 2.31 0.00	42.72 2.53 0.00	48.15 2.45 -0.31	51.09 2.31 -0.71	51.28 2.16 2.26	51.77 1.97 3.41	51.93 1.93 5.12	57.75 2.08 5.37	62.17 3.44 8.71	70.82 3.83 9.62	81.16 4.76 5.74	85.07 4.96 5.42	79.50 3.74 5.46	73.37 2.96 5.48	62.92 1.99 5.54	52.98 1.55 8.11	51.93 2.04 3.93
LINDHRST_69_KV_BK1 356055	50.90 4.46 0.00	46.06 4.15 0.00	40.83 3.58 0.00	40.26 3.02 0.00	39.31 2.95 0.00	39.43 3.16 0.00	39.26 2.98 0.00	41.40 2.96 0.00	43.80 3.62 0.00	49.37 3.68 -0.31	52.63 3.85 -0.72	55.49 2.88 -1.23	56.92 2.55 -1.15	58.11 2.32 -0.67	63.21 2.38 0.21	71.76 4.32 0.00	81.02 4.52 0.11	87.81 5.67 0.00	91.78 6.24 0.00	85.36 4.14 0.01	76.66 3.34 2.57	68.90 2.59 0.17	59.18 1.85 2.22	56.78 2.96 0.00
LIPA_MISC_IPP 23656	50.30 3.85 0.00	45.65 3.73 0.00	40.56 3.32 0.00	39.81 2.57 0.00	38.84 2.47 0.00	39.14 2.87 0.00	38.93 2.65 0.00	40.86 2.42 0.00	43.28 3.09 0.00	48.83 3.13 -0.31	51.91 3.12 -0.72	54.67 2.06 -1.23	56.06 1.70 -1.15	57.12 1.38 -0.62	61.90 1.28 0.43	70.61 3.17 0.00	79.53 3.14 0.23	86.57 4.44 0.00	90.49 4.96 0.00	83.98 2.76 0.01	74.72 1.82 2.99	67.40 1.26 0.33	57.51 0.71 2.75	55.86 2.05 0.00
LISF____SOLAR 323691	50.44 3.99 0.00	45.39 3.48 0.00	40.56 3.31 0.00	39.92 2.68 0.00	38.87 2.51 0.00	39.17 2.90 0.00	38.68 2.39 0.00	40.93 2.50 0.00	43.36 3.17 0.00	48.87 3.18 -0.31	51.48 2.69 -0.72	54.15 1.54 -1.23	55.64 1.27 -1.15	57.23 1.49 -0.62	62.00 1.41 0.45	70.48 3.04 0.00	79.74 3.37 0.24	87.15 5.01 0.00	90.92 5.39 0.00	84.38 3.16 0.01	75.03 2.12 2.99	67.65 1.53 0.35	57.57 0.77 2.75	54.89 1.08 0.00
LITTLE FALLS____HYD 24013	45.75 -0.70 0.00	41.24 -0.67 0.00	36.58 -0.67 0.00	36.61 -0.63 0.00	35.71 -0.65 0.00	35.69 -0.58 0.00	35.70 -0.58 0.00	37.78 -0.65 0.00	39.42 -0.76 0.00	44.48 -0.91 0.00	47.06 -1.01 0.00	50.30 -1.08 0.00	52.15 -1.06 0.00	54.07 -1.05 0.00	59.82 -1.22 0.00	66.36 -1.08 0.00	75.39 -1.23 0.00	80.99 -1.15 0.00	84.59 -0.94 0.00	80.09 -1.14 0.00	74.60 -1.29 0.00	65.27 -1.20 0.00	58.24 -1.31 0.00	52.74 -1.08 0.00

LITTLRIV_115KV_TB1 356100	46.72 0.28 0.00	42.08 0.17 0.00	37.40 0.15 0.00	37.35 0.11 0.00	36.40 0.04 0.00	36.34 0.07 0.00	36.32 0.04 0.00	38.44 0.00 0.00	39.91 -0.28 0.00	45.84 0.45 0.00	48.31 0.24 0.00	51.69 0.31 0.00	53.48 0.27 0.00	55.29 0.17 0.00	61.23 0.18 0.00	66.84 -0.61 0.00	76.31 -0.31 0.00	81.65 -0.49 0.00	84.76 -0.77 0.00	81.87 0.65 0.00	76.95 1.06 0.00	67.73 1.26 0.00	60.86 1.31 0.00	54.52 0.70 0.00
LI_NEWBRDGE___DRP 323616	49.93 3.48 0.00	45.18 3.27 0.00	40.08 2.83 0.00	39.63 2.38 0.00	38.69 2.33 0.00	38.77 2.50 0.00	38.64 2.36 0.00	40.78 2.34 0.00	43.08 2.89 0.00	48.51 2.81 -0.31	51.72 2.93 -0.72	54.56 1.95 -1.23	56.01 1.65 -1.15	57.16 1.32 -0.72	62.38 1.34 0.01	70.48 3.03 0.00	79.75 3.14 0.00	86.16 4.02 0.00	89.98 4.45 0.00	83.98 2.76 0.01	74.80 2.12 3.22	67.79 1.33 0.01	57.48 0.83 2.90	55.70 1.88 0.00
LOCKPORT_115KV_TB60_63_64 80432	46.49 0.05 0.00	42.75 0.84 0.00	37.88 0.63 0.00	36.53 -0.71 0.00	36.18 -0.18 0.00	35.51 -0.76 0.00	36.21 -0.07 0.00	38.86 0.42 0.00	42.28 2.09 0.00	46.43 1.04 0.00	49.41 1.35 0.00	53.54 2.16 0.00	55.50 2.29 0.00	57.22 2.09 0.00	62.51 1.47 0.00	68.32 0.88 0.00	77.38 0.77 0.00	83.45 1.31 0.00	88.36 2.82 0.00	83.66 2.44 0.00	77.94 2.05 0.00	67.87 1.40 0.00	60.80 1.25 0.00	57.21 3.39 0.00
LOCKPORT___CC1 323769	46.21 -0.23 0.00	43.22 1.30 0.00	38.18 0.93 0.00	36.50 -0.74 0.00	35.85 -0.51 0.00	35.44 -0.83 0.00	35.78 -0.51 0.00	38.36 -0.08 0.00	42.12 1.93 0.00	46.34 0.95 0.00	49.51 1.44 0.00	53.49 2.11 0.00	55.66 2.45 0.00	57.00 1.88 0.00	62.27 1.22 0.00	68.12 0.67 0.00	77.08 0.46 0.00	83.13 0.99 0.00	88.02 2.48 0.00	83.33 2.11 0.00	77.64 1.75 0.00	67.60 1.13 0.00	60.98 1.43 0.00	56.94 3.12 0.00
LOCKPORT___CC2 323770	46.21 -0.23 0.00	43.22 1.30 0.00	38.18 0.93 0.00	36.50 -0.74 0.00	35.85 -0.51 0.00	35.44 -0.83 0.00	35.78 -0.51 0.00	38.36 -0.08 0.00	42.12 1.93 0.00	46.34 0.95 0.00	49.51 1.44 0.00	53.49 2.11 0.00	55.66 2.45 0.00	57.00 1.88 0.00	62.27 1.22 0.00	68.12 0.67 0.00	77.08 0.46 0.00	83.13 0.99 0.00	88.02 2.48 0.00	83.33 2.11 0.00	77.64 1.75 0.00	67.60 1.13 0.00	60.98 1.43 0.00	56.94 3.12 0.00
LOCKPORT___CC3 323771	46.21 -0.23 0.00	43.22 1.30 0.00	38.18 0.93 0.00	36.50 -0.74 0.00	35.85 -0.51 0.00	35.44 -0.83 0.00	35.78 -0.51 0.00	38.36 -0.08 0.00	42.12 1.93 0.00	46.34 0.95 0.00	49.51 1.44 0.00	53.49 2.11 0.00	55.66 2.45 0.00	57.00 1.88 0.00	62.27 1.22 0.00	68.12 0.67 0.00	77.08 0.46 0.00	83.13 0.99 0.00	88.02 2.48 0.00	83.33 2.11 0.00	77.64 1.75 0.00	67.60 1.13 0.00	60.98 1.43 0.00	56.94 3.12 0.00
LOCUSVLY_69_KV_BK2 55797	50.34 3.90 0.00	45.48 3.56 0.00	40.30 3.05 0.00	39.92 2.68 0.00	38.98 2.62 0.00	39.06 2.79 0.00	38.97 2.69 0.00	41.17 2.73 0.00	43.44 3.26 0.00	48.97 3.27 -0.31	52.25 3.46 -0.72	55.39 2.77 -1.23	56.92 2.55 -1.15	58.27 2.43 -0.72	63.54 2.50 0.00	71.69 4.25 0.00	81.29 4.67 0.00	87.72 5.59 0.00	91.61 6.07 0.00	85.60 4.39 0.00	77.87 3.49 1.51	68.99 2.53 0.00	60.17 1.79 1.17	56.45 2.64 0.00
LONG_LAKE_PHOENIX 24014	46.26 -0.19 0.00	41.86 -0.17 -0.11	37.06 -0.19 0.00	36.94 -0.30 0.00	36.07 -0.29 0.00	35.91 -0.36 0.00	35.96 -0.33 0.00	38.09 -0.35 0.00	40.07 -0.12 0.00	45.02 -0.36 0.00	47.78 -0.29 0.00	51.23 -0.15 0.00	53.10 -0.11 0.00	55.07 -0.06 0.00	60.86 -0.18 0.00	67.38 -0.07 0.00	76.46 -0.15 0.00	82.22 0.08 0.00	86.13 0.60 0.00	81.47 0.24 0.00	75.97 0.08 0.00	66.40 -0.07 0.00	60.43 -0.24 -1.12	54.97 0.11 -1.05
LOVETT___3 23632	49.14 2.69 0.00	44.30 2.39 0.00	39.34 2.09 0.00	39.22 1.97 0.00	38.36 2.00 0.00	38.34 2.07 0.00	38.28 2.00 0.00	40.55 2.11 0.00	42.48 2.29 0.00	47.81 2.13 -0.29	50.96 2.21 -0.68	54.60 2.06 -1.16	56.38 2.08 -1.09	57.84 2.04 -0.68	63.24 2.20 0.00	70.95 3.51 0.00	80.52 3.91 0.00	86.74 4.60 0.00	90.66 5.13 0.00	85.20 3.98 0.00	79.16 3.26 0.00	68.86 2.39 0.00	61.45 1.91 0.00	56.02 2.21 0.00
LOVETT___4 23642	49.14 2.69 0.00	44.30 2.39 0.00	39.34 2.09 0.00	39.22 1.97 0.00	38.36 2.00 0.00	38.34 2.07 0.00	38.28 2.00 0.00	40.55 2.11 0.00	42.48 2.29 0.00	47.81 2.13 -0.29	50.96 2.21 -0.68	54.60 2.06 -1.16	56.38 2.08 -1.09	57.84 2.04 -0.68	63.24 2.20 0.00	70.95 3.51 0.00	80.52 3.91 0.00	86.74 4.60 0.00	90.66 5.13 0.00	85.20 3.98 0.00	79.16 3.26 0.00	68.86 2.39 0.00	61.45 1.91 0.00	56.02 2.21 0.00
LOVETT___5 23593	49.14 2.69 0.00	44.30 2.39 0.00	39.34 2.09 0.00	39.22 1.97 0.00	38.36 2.00 0.00	38.34 2.07 0.00	38.28 2.00 0.00	40.55 2.11 0.00	42.48 2.29 0.00	47.81 2.13 -0.29	50.96 2.21 -0.68	54.60 2.06 -1.16	56.38 2.08 -1.09	57.84 2.04 -0.68	63.24 2.20 0.00	70.95 3.51 0.00	80.52 3.91 0.00	86.74 4.60 0.00	90.66 5.13 0.00	85.20 3.98 0.00	79.16 3.26 0.00	68.86 2.39 0.00	61.45 1.91 0.00	56.02 2.21 0.00
LOWER RAQUET___HYD 24057	46.07 -0.37 0.00	41.50 -0.42 0.00	36.88 -0.37 0.00	36.87 -0.37 0.00	35.93 -0.43 0.00	35.84 -0.43 0.00	35.85 -0.43 0.00	37.98 -0.46 0.00	39.54 -0.64 0.00	45.48 0.09 0.00	47.97 -0.10 0.00	51.33 -0.05 0.00	53.16 -0.05 0.00	55.07 -0.06 0.00	60.80 -0.24 0.00	66.43 -1.01 0.00	75.70 -0.92 0.00	80.74 -1.40 0.00	83.23 -2.31 0.00	80.66 -0.56 0.00	75.82 -0.08 0.00	66.74 0.27 0.00	59.97 0.42 0.00	53.76 -0.05 0.00
LOWER___HUDSON 24059	48.21 1.76 0.00	43.47 1.55 0.00	38.70 1.45 0.00	38.73 1.49 0.00	37.86 1.49 0.00	37.76 1.49 0.00	37.74 1.45 0.00	39.86 1.42 0.00	41.55 1.37 0.00	46.02 1.00 0.36	48.09 0.87 0.85	50.76 0.82 1.44	52.65 0.80 1.36	55.16 0.88 0.84	62.15 1.10 0.00	69.46 2.02 0.00	79.06 2.45 0.00	85.51 3.37 0.00	89.47 3.94 0.00	84.63 3.41 0.00	78.77 2.88 0.00	68.73 2.26 0.00	61.16 1.61 0.00	55.49 1.67 0.00
LOWVILLE_115KV_TB2 356335	47.74 1.30 0.00	42.94 1.01 -0.02	38.03 0.78 0.00	37.95 0.71 0.00	36.98 0.62 0.00	37.03 0.76 0.00	37.05 0.76 0.00	39.17 0.73 0.00	40.99 0.80 0.00	46.34 0.95 0.00	48.88 0.82 0.00	52.31 0.92 0.00	54.27 1.06 0.00	56.33 1.21 0.00	62.27 1.22 0.00	69.06 1.62 0.00	78.84 2.22 0.00	85.18 3.04 0.00	89.72 4.19 0.00	85.20 3.98 0.00	79.46 3.57 0.00	69.86 3.39 0.00	62.29 2.56 -0.18	56.41 2.42 -0.17
LUTHERFT_115KV_GLOB_FND_222 355753	49.14 2.69 0.00	44.35 2.43 0.00	39.41 2.16 0.00	39.40 2.16 0.00	38.47 2.11 0.00	38.37 2.10 0.00	38.32 2.03 0.00	40.44 2.00 0.00	42.28 2.09 0.00	46.83 1.72 0.28	49.00 1.59 0.65	51.86 1.59 1.11	53.76 1.60 1.05	56.23 1.76 0.65	63.06 2.01 0.00	70.55 3.10 0.00	80.37 3.75 0.00	86.82 4.68 0.00	91.26 5.73 0.00	86.50 5.28 0.00	80.67 4.78 0.00	70.32 3.86 0.00	62.71 3.16 0.00	56.67 2.85 0.00

LUTHERNY_35_KV_BK2 355980	49.14 2.69 0.00	44.35 2.43 0.00	39.45 2.20 0.00	39.44 2.20 0.00	38.51 2.15 0.00	38.37 2.10 0.00	38.32 2.03 0.00	40.44 2.00 0.00	42.28 2.09 0.00	46.88 1.77 0.28	49.05 1.63 0.65	51.91 1.64 1.11	53.76 1.60 1.05	56.29 1.82 0.65	63.12 2.08 0.00	70.61 3.17 0.00	80.44 3.83 0.00	86.90 4.76 0.00	91.35 5.82 0.00	86.58 5.36 0.00	80.75 4.86 0.00	70.39 3.92 0.00	62.76 3.22 0.00	56.72 2.91 0.00
LWR___OSWEGATCHIE_HYD 23850	46.86 0.42 0.00	42.23 0.29 -0.02	37.44 0.19 0.00	37.35 0.11 0.00	36.40 0.04 0.00	36.42 0.15 0.00	36.39 0.11 0.00	38.51 0.08 0.00	40.19 0.00 0.00	45.75 0.36 0.00	48.31 0.24 0.00	51.69 0.31 0.00	53.58 0.37 0.00	55.45 0.33 0.00	61.35 0.31 0.00	67.65 0.20 0.00	77.15 0.54 0.00	83.04 0.90 0.00	86.82 1.28 0.00	83.01 1.79 0.00	77.64 1.75 0.00	68.26 1.79 0.00	61.15 1.43 -0.17	55.10 1.13 -0.16
LYONS_FALL_HYD 23570	47.84 1.39 0.00	43.10 1.17 -0.01	38.18 0.93 0.00	38.10 0.86 0.00	37.13 0.76 0.00	37.18 0.91 0.00	37.19 0.91 0.00	39.36 0.92 0.00	41.15 0.96 0.00	46.48 1.09 0.00	49.12 1.06 0.00	52.57 1.18 0.00	54.54 1.33 0.00	56.61 1.49 0.00	62.57 1.53 0.00	69.46 2.02 0.00	79.14 2.52 0.00	85.43 3.29 0.00	89.64 4.11 0.00	85.12 3.90 0.00	79.23 3.34 0.00	69.53 3.06 0.00	61.99 2.32 -0.12	56.19 2.26 -0.11
MADISON___COUNTY_LFGE 323628	48.21 1.76 0.00	43.47 1.55 0.00	38.52 1.27 0.00	38.43 1.19 0.00	37.49 1.13 0.00	37.43 1.16 0.00	37.48 1.20 0.00	39.67 1.23 0.00	41.47 1.29 0.00	46.70 1.32 0.00	49.41 1.35 0.00	52.98 1.59 0.00	54.97 1.76 0.00	57.16 2.04 0.00	63.18 2.14 0.00	70.21 2.77 0.00	79.75 3.14 0.00	86.00 3.86 0.00	90.32 4.79 0.00	85.45 4.22 0.00	79.46 3.57 0.00	69.59 3.12 0.00	61.93 2.38 0.00	56.24 2.42 0.00
MALONE___115KV_TB1 356076	46.03 -0.42 0.00	41.41 -0.50 0.00	36.84 -0.41 0.00	36.83 -0.41 0.00	35.85 -0.51 0.00	35.73 -0.54 0.00	35.74 -0.54 0.00	37.98 -0.46 0.00	39.75 -0.44 0.00	45.71 0.32 0.00	48.26 0.19 0.00	51.59 0.21 0.00	53.42 0.21 0.00	55.23 0.11 0.00	61.23 0.18 0.00	66.70 -0.74 0.00	76.08 -0.54 0.00	81.24 -0.90 0.00	84.34 -1.20 0.00	80.90 -0.32 0.00	75.89 0.00 0.00	66.67 0.20 0.00	59.85 0.30 0.00	53.65 -0.16 0.00
MAPLEWOD_115KV_TB3 80458	47.74 1.30 0.00	43.09 1.17 0.00	38.37 1.12 0.00	38.40 1.15 0.00	37.53 1.16 0.00	37.47 1.20 0.00	37.37 1.09 0.00	39.51 1.08 0.00	41.19 1.00 0.00	45.66 0.54 0.27	47.97 0.53 0.63	50.72 0.41 1.07	52.57 0.37 1.01	54.99 0.50 0.63	61.66 0.61 0.00	68.93 1.48 0.00	78.38 1.76 0.00	84.52 2.38 0.00	88.44 2.91 0.00	83.58 2.36 0.00	77.86 1.97 0.00	68.00 1.53 0.00	60.62 1.07 0.00	54.89 1.08 0.00
MAPLE_RIDGE_WT_1 323574	45.56 -0.88 0.00	41.03 -0.88 0.00	36.43 -0.82 0.00	36.46 -0.78 0.00	35.60 -0.77 0.00	35.51 -0.76 0.00	35.56 -0.73 0.00	37.75 -0.69 0.00	39.54 -0.64 0.00	44.85 -0.54 0.00	47.54 -0.53 0.00	50.82 -0.56 0.00	52.57 -0.64 0.00	54.46 -0.66 0.00	60.38 -0.67 0.00	66.64 -0.81 0.00	75.70 -0.92 0.00	81.16 -0.98 0.00	84.42 -1.11 0.00	80.33 -0.89 0.00	74.98 -0.91 0.00	65.68 -0.79 0.00	58.84 -0.71 0.00	53.11 -0.70 0.00
MAPLE_RIDGE_WT_2 323611	45.56 -0.88 0.00	41.03 -0.88 0.00	36.43 -0.82 0.00	36.46 -0.78 0.00	35.60 -0.77 0.00	35.51 -0.76 0.00	35.56 -0.73 0.00	37.75 -0.69 0.00	39.54 -0.64 0.00	44.85 -0.54 0.00	47.54 -0.53 0.00	50.82 -0.56 0.00	52.57 -0.64 0.00	54.46 -0.66 0.00	60.38 -0.67 0.00	66.64 -0.81 0.00	75.70 -0.92 0.00	81.16 -0.98 0.00	84.42 -1.11 0.00	80.33 -0.89 0.00	74.98 -0.91 0.00	65.68 -0.79 0.00	58.84 -0.71 0.00	53.11 -0.70 0.00
MARBLE_RIVER_WT_PWR 323696	45.28 -1.16 0.00	40.74 -1.17 0.00	36.21 -1.04 0.00	36.20 -1.04 0.00	35.27 -1.09 0.00	35.15 -1.12 0.00	35.16 -1.13 0.00	37.32 -1.12 0.00	39.06 -1.13 0.00	44.85 -0.54 0.00	47.30 -0.77 0.00	50.61 -0.77 0.00	52.36 -0.85 0.00	54.24 -0.88 0.00	60.01 -1.04 0.00	65.48 -1.96 0.00	74.55 -2.06 0.00	79.43 -2.71 0.00	82.20 -3.34 0.00	78.79 -2.43 0.00	74.00 -1.89 0.00	64.94 -1.53 0.00	58.48 -1.07 0.00	52.42 -1.40 0.00
MARSHVLE_115KV_TB1 80742	51.69 5.25 0.00	46.61 4.69 0.00	41.31 4.06 0.00	41.34 4.10 0.00	40.33 3.96 0.00	40.22 3.95 0.00	40.02 3.74 0.00	42.01 3.57 0.00	43.80 3.62 0.00	48.72 3.49 0.16	51.19 3.51 0.38	54.33 3.60 0.65	56.16 3.57 0.61	58.65 3.91 0.38	65.62 4.58 0.00	73.45 6.00 0.00	83.82 7.20 0.00	90.93 8.79 0.00	96.05 10.52 0.00	91.70 10.48 0.00	85.83 9.94 0.00	74.84 8.38 0.00	66.58 7.03 0.00	60.17 6.35 0.00
MARSH_HILL_WT_PWR 323713	47.56 1.11 0.00	43.68 1.76 0.00	38.52 1.27 0.00	37.65 0.41 0.00	36.98 0.62 0.00	36.63 0.36 0.00	36.97 0.69 0.00	39.32 0.88 0.00	42.08 1.89 0.00	46.80 1.41 0.00	49.89 1.83 0.00	53.64 2.26 0.00	55.82 2.61 0.00	57.93 2.81 0.00	63.61 2.56 0.00	70.01 2.56 0.00	79.52 2.91 0.00	86.49 4.35 0.00	91.77 6.24 0.00	87.15 5.93 0.00	81.36 5.47 0.00	70.86 4.39 0.00	63.66 4.11 0.00	58.28 4.46 0.00
MCINTYRE_115KV_TB2 80467	47.00 0.56 0.00	42.29 0.38 0.00	37.62 0.37 0.00	37.58 0.34 0.00	36.58 0.22 0.00	36.56 0.29 0.00	36.50 0.22 0.00	38.55 0.12 0.00	39.99 -0.20 0.00	45.89 0.50 0.00	48.35 0.29 0.00	51.69 0.31 0.00	53.48 0.27 0.00	55.23 0.11 0.00	61.23 0.18 0.00	66.84 -0.61 0.00	76.31 -0.31 0.00	81.73 -0.41 0.00	84.85 -0.68 0.00	82.28 1.06 0.00	77.33 1.44 0.00	68.13 1.66 0.00	61.16 1.61 0.00	54.84 1.02 0.00
MECO_____69_KV_BK1 80468	51.74 5.29 0.00	46.61 4.69 0.00	41.35 4.10 0.00	41.34 4.10 0.00	40.36 4.00 0.00	40.22 3.95 0.00	40.09 3.81 0.00	42.20 3.77 0.00	44.13 3.94 0.00	48.93 3.72 0.18	51.30 3.65 0.42	54.42 3.75 0.71	56.31 3.78 0.67	58.95 4.24 0.42	65.87 4.82 0.00	73.72 6.27 0.00	84.28 7.66 0.00	91.58 9.45 0.00	96.74 11.20 0.00	92.11 10.88 0.00	86.06 10.17 0.00	74.91 8.44 0.00	66.70 7.15 0.00	60.17 6.35 0.00
MENANDS___115KV_TB5 355628	47.37 0.93 0.00	42.75 0.84 0.00	38.11 0.86 0.00	38.14 0.89 0.00	37.27 0.91 0.00	37.21 0.94 0.00	37.16 0.87 0.00	39.28 0.85 0.00	40.91 0.72 0.00	45.35 0.23 0.27	47.63 0.19 0.63	50.37 0.05 1.07	52.20 0.00 1.01	54.55 0.06 0.63	61.23 0.18 0.00	68.39 0.94 0.00	77.76 1.15 0.00	83.78 1.64 0.00	87.59 2.05 0.00	82.77 1.54 0.00	77.11 1.21 0.00	67.33 0.86 0.00	60.03 0.48 0.00	54.41 0.59 0.00
MG INDUSTRY___DRP 24185	46.44 0.00 0.00	41.92 0.00 0.00	37.36 0.11 0.00	37.47 0.22 0.00	36.65 0.29 0.00	36.56 0.29 0.00	36.50 0.22 0.00	38.49 0.08 0.02	39.57 -0.16 0.45	42.80 -0.73 1.86	44.50 -0.87 2.70	46.56 -1.08 3.74	47.84 -1.17 4.20	49.38 -1.16 4.58	53.88 -1.16 6.00	58.85 -0.67 7.92	65.45 -0.69 10.47	81.71 -0.41 0.02	85.45 -0.09 0.00	80.82 -0.41 0.00	75.36 -0.53 0.00	65.87 -0.60 0.00	58.83 -0.71 0.00	53.33 -0.48 0.00

MID___OSWEGATCHIE_HYD 23849	46.86 0.42 0.00	42.23 0.29 -0.02	37.44 0.19 0.00	37.35 0.11 0.00	36.40 0.04 0.00	36.42 0.15 0.00	36.39 0.11 0.00	38.51 0.08 0.00	40.19 0.00 0.00	45.75 0.36 0.00	48.31 0.24 0.00	51.69 0.31 0.00	53.58 0.37 0.00	55.45 0.33 0.00	61.35 0.31 0.00	67.65 0.20 0.00	77.15 0.54 0.00	83.04 0.90 0.00	86.82 1.28 0.00	83.01 1.79 0.00	77.64 1.75 0.00	68.26 1.79 0.00	61.15 1.43 -0.17	55.10 1.13 -0.16
MID___RAQUETTE_HYD 23851	46.07 -0.37 0.00	41.50 -0.42 0.00	36.91 -0.34 0.00	36.87 -0.37 0.00	35.93 -0.44 0.00	35.87 -0.40 0.00	35.85 -0.44 0.00	37.98 -0.46 0.00	39.54 -0.64 0.00	45.48 0.09 0.00	48.02 -0.05 0.00	51.33 -0.05 0.00	53.16 -0.05 0.00	54.96 -0.17 0.00	60.86 -0.18 0.00	66.43 -1.01 0.00	75.69 -0.92 0.00	80.91 -1.23 0.00	83.74 -1.80 0.00	80.74 -0.49 0.00	75.82 -0.08 0.00	66.74 0.27 0.00	59.97 0.42 0.00	53.76 -0.05 0.00
MILLIKEN___1 23584	48.02 1.58 0.00	43.44 1.51 -0.01	38.44 1.19 0.00	38.28 1.04 0.00	37.42 1.05 0.00	37.21 0.94 0.00	37.26 0.98 0.00	39.51 1.08 0.00	41.51 1.33 0.00	46.57 1.18 0.00	49.41 1.35 0.00	52.92 1.54 0.00	54.86 1.65 0.00	57.11 1.98 0.00	63.12 2.08 0.00	69.94 2.50 0.00	79.45 2.83 0.00	85.84 3.70 0.00	90.32 4.79 0.00	85.45 4.22 0.00	79.61 3.72 0.00	69.53 3.06 0.00	62.06 2.38 -0.13	56.41 2.48 -0.12
MILLIKEN___2 23585	48.02 1.58 0.00	43.44 1.51 -0.01	38.44 1.19 0.00	38.28 1.04 0.00	37.42 1.05 0.00	37.21 0.94 0.00	37.26 0.98 0.00	39.51 1.08 0.00	41.51 1.33 0.00	46.57 1.18 0.00	49.41 1.35 0.00	52.92 1.54 0.00	54.86 1.65 0.00	57.11 1.98 0.00	63.12 2.08 0.00	69.94 2.50 0.00	79.45 2.83 0.00	85.84 3.70 0.00	90.32 4.79 0.00	85.45 4.22 0.00	79.61 3.72 0.00	69.53 3.06 0.00	62.06 2.38 -0.13	56.41 2.48 -0.12
MILLIKEN___DIESEL 23629	48.02 1.58 0.00	43.44 1.51 -0.01	38.44 1.19 0.00	38.28 1.04 0.00	37.42 1.05 0.00	37.21 0.94 0.00	37.26 0.98 0.00	39.51 1.08 0.00	41.51 1.33 0.00	46.57 1.18 0.00	49.41 1.35 0.00	52.92 1.54 0.00	54.86 1.65 0.00	57.11 1.98 0.00	63.12 2.08 0.00	69.94 2.50 0.00	79.45 2.83 0.00	85.84 3.70 0.00	90.32 4.79 0.00	85.45 4.22 0.00	79.61 3.72 0.00	69.53 3.06 0.00	62.06 2.38 -0.13	56.41 2.48 -0.12
MILLSEAT___LFGE 323607	47.61 1.16 0.00	44.26 2.35 0.00	39.11 1.86 0.00	37.50 0.26 0.00	36.76 0.40 0.00	36.38 0.11 0.00	36.65 0.36 0.00	39.28 0.84 0.00	43.04 2.85 0.00	47.43 2.04 0.00	50.71 2.64 0.00	54.88 3.50 0.00	57.09 3.88 0.00	58.48 3.36 0.00	64.10 3.05 0.00	70.07 2.63 0.00	79.45 2.84 0.00	85.84 3.70 0.00	91.18 5.64 0.00	86.26 5.04 0.00	80.29 4.40 0.00	69.99 3.52 0.00	62.88 3.33 0.00	58.44 4.63 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	49.23 2.79 0.00	44.43 2.51 0.00	39.45 2.20 0.00	39.29 2.05 0.00	38.44 2.07 0.00	38.41 2.14 0.00	38.35 2.07 0.00	40.63 2.19 0.00	42.56 2.37 0.00	47.92 2.22 -0.31	51.09 2.31 -0.72	54.76 2.16 -1.22	56.49 2.13 -1.15	57.93 2.09 -0.71	63.30 2.26 0.00	71.08 3.64 0.00	80.67 4.06 0.00	86.82 4.68 0.00	90.75 5.22 0.00	85.28 4.06 0.00	79.31 3.42 0.00	68.93 2.46 0.00	61.51 1.97 0.00	56.08 2.26 0.00
MILLWOOD_13_KV_LOAD 356217	49.37 2.93 0.00	44.56 2.64 0.00	39.56 2.31 0.00	39.36 2.12 0.00	38.51 2.15 0.00	38.48 2.21 0.00	38.43 2.14 0.00	40.74 2.31 0.00	42.68 2.49 0.00	48.05 2.36 -0.31	51.28 2.50 -0.72	54.96 2.36 -1.22	56.70 2.34 -1.15	58.15 2.32 -0.71	63.55 2.50 0.00	71.42 3.98 0.00	81.06 4.44 0.00	87.23 5.09 0.00	91.18 5.65 0.00	85.69 4.47 0.00	79.61 3.72 0.00	69.19 2.73 0.00	61.75 2.20 0.00	56.29 2.48 0.00
MODEL_CITY_ENERGY 24167	46.26 -0.19 0.00	43.26 1.34 0.00	38.26 1.01 0.00	36.35 -0.89 0.00	35.75 -0.62 0.00	35.29 -0.98 0.00	35.63 -0.65 0.00	38.21 -0.23 0.00	42.20 2.01 0.00	46.21 0.82 0.00	49.27 1.20 0.00	53.23 1.85 0.00	55.39 2.18 0.00	56.77 1.65 0.00	62.02 0.97 0.00	67.85 0.41 0.00	76.77 0.15 0.00	82.88 0.74 0.00	87.67 2.14 0.00	83.01 1.78 0.00	77.26 1.37 0.00	67.27 0.80 0.00	60.62 1.07 0.00	56.88 3.07 0.00
MODERN_LFGE___ 323580	46.26 -0.19 0.00	43.26 1.34 0.00	38.26 1.01 0.00	36.35 -0.89 0.00	35.75 -0.62 0.00	35.29 -0.98 0.00	35.63 -0.65 0.00	38.21 -0.23 0.00	42.20 2.01 0.00	46.21 0.82 0.00	49.27 1.20 0.00	53.23 1.85 0.00	55.39 2.18 0.00	56.77 1.65 0.00	62.02 0.97 0.00	67.85 0.41 0.00	76.77 0.15 0.00	82.88 0.74 0.00	87.67 2.14 0.00	83.01 1.78 0.00	77.26 1.37 0.00	67.27 0.80 0.00	60.62 1.07 0.00	56.88 3.07 0.00
MOHAWK_PAPER___DRP 24187	47.74 1.30 0.00	43.09 1.17 0.00	38.37 1.12 0.00	38.40 1.15 0.00	37.53 1.16 0.00	37.47 1.20 0.00	37.37 1.09 0.00	39.51 1.08 0.00	41.19 1.00 0.00	45.66 0.54 0.27	47.97 0.53 0.63	50.72 0.41 1.07	52.57 0.37 1.01	54.99 0.50 0.63	61.66 0.61 0.00	68.93 1.48 0.00	78.38 1.76 0.00	84.52 2.38 0.00	88.44 2.91 0.00	83.58 2.36 0.00	77.86 1.97 0.00	68.00 1.53 0.00	60.62 1.07 0.00	54.89 1.08 0.00
MOHICAN___35_KV_115KV_LD 80490	49.56 3.11 0.00	44.68 2.77 0.00	39.75 2.50 0.00	39.74 2.50 0.00	38.76 2.40 0.00	38.66 2.39 0.00	38.61 2.32 0.00	40.70 2.27 0.00	42.64 2.45 0.00	47.16 2.04 0.27	49.11 1.68 0.64	51.99 1.70 1.09	53.78 1.60 1.03	56.35 1.87 0.64	63.18 2.14 0.00	70.82 3.37 0.00	80.75 4.14 0.00	87.48 5.34 0.00	92.55 7.01 0.00	87.72 6.50 0.00	81.96 6.07 0.00	71.39 4.92 0.00	63.54 3.99 0.00	57.31 3.50 0.00
MONGAUP___HYD 23641	49.14 2.69 0.00	44.22 2.30 0.00	39.26 2.01 0.00	39.21 1.97 0.00	38.29 1.93 0.00	38.30 2.03 0.00	38.24 1.96 0.00	40.43 2.00 0.00	42.16 1.97 0.00	47.37 1.72 -0.26	50.25 1.58 -0.60	53.89 1.49 -1.02	55.72 1.54 -0.96	57.32 1.60 -0.60	62.82 1.77 0.00	70.48 3.04 0.00	80.22 3.60 0.00	86.90 4.76 0.00	90.49 4.96 0.00	85.20 3.98 0.00	79.84 3.94 0.00	69.46 2.99 0.00	61.93 2.38 0.00	56.29 2.48 0.00
MONTAUK___DIESEL 23721	52.57 6.13 0.00	47.57 5.66 0.00	42.24 4.99 0.00	41.38 4.13 0.00	40.25 3.89 0.00	40.51 4.24 0.00	40.17 3.88 0.00	42.24 3.81 0.00	45.13 4.94 0.00	51.10 5.40 -0.31	54.60 5.82 -0.72	57.75 5.14 -1.23	59.42 5.05 -1.15	60.59 4.85 -0.62	65.67 5.07 0.44	74.79 7.35 0.00	84.35 7.97 0.23	91.99 9.86 0.00	96.31 10.78 0.00	89.17 7.96 0.01	79.13 6.22 2.99	71.18 5.05 0.34	60.61 3.81 2.75	58.66 4.84 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	46.77 0.33 0.00	42.96 1.05 0.00	38.11 0.86 0.00	37.20 -0.04 0.00	36.62 0.25 0.00	36.23 -0.04 0.00	36.79 0.51 0.00	39.67 1.23 0.00	43.28 3.09 0.00	48.07 2.68 0.00	51.29 3.22 0.00	55.54 4.16 0.00	57.57 4.36 0.00	59.64 4.52 0.00	64.89 3.85 0.00	71.22 3.78 0.00	81.13 4.52 0.00	87.81 5.67 0.00	93.06 7.53 0.00	88.21 6.99 0.00	81.89 6.00 0.00	71.26 4.79 0.00	63.66 4.11 0.00	59.20 5.38 0.00

MORRIS_RIDGE___SOLAR 323848	47.00 0.56 0.00	43.34 1.43 0.00	38.18 0.93 0.00	37.20 -0.04 0.00	36.51 0.15 0.00	36.16 -0.11 0.00	36.50 0.22 0.00	38.82 0.38 0.00	41.63 1.44 0.00	46.21 0.82 0.00	49.31 1.25 0.00	53.08 1.69 0.00	55.23 2.02 0.00	57.22 2.09 0.00	62.69 1.65 0.00	68.86 1.42 0.00	78.15 1.53 0.00	84.77 2.63 0.00	89.89 4.36 0.00	85.36 4.14 0.00	79.76 3.87 0.00	69.53 3.06 0.00	62.47 2.92 0.00	57.48 3.66 0.00
MORTIMER_115KV_TB3 55949	47.28 0.84 0.00	43.05 1.13 0.00	38.11 0.86 0.00	37.50 0.26 0.00	36.65 0.29 0.00	36.42 0.15 0.00	36.61 0.33 0.00	39.09 0.65 0.00	42.00 1.81 0.00	46.89 1.50 0.00	50.13 2.07 0.00	54.16 2.77 0.00	56.19 2.98 0.00	58.04 2.92 0.00	63.91 2.87 0.00	70.07 2.63 0.00	79.37 2.76 0.00	85.51 3.37 0.00	90.24 4.70 0.00	85.28 4.06 0.00	79.31 3.42 0.00	69.26 2.79 0.00	61.87 2.32 0.00	56.99 3.18 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	49.65 3.20 0.00	44.77 2.85 0.00	39.71 2.46 0.00	39.51 2.27 0.00	38.69 2.33 0.00	38.66 2.39 0.00	38.64 2.36 0.00	40.94 2.50 0.00	42.92 2.73 0.00	48.33 2.63 -0.31	51.48 2.69 -0.72	55.08 2.47 -1.23	56.82 2.45 -1.16	58.21 2.37 -0.72	63.55 2.50 0.00	71.42 3.98 0.00	81.06 4.44 0.00	87.23 5.09 0.00	91.09 5.56 0.00	85.61 4.39 0.00	79.53 3.64 0.00	69.06 2.59 0.00	61.69 2.14 0.00	56.35 2.53 0.00
MUNSVILLE_WIND_PWR 323609	51.00 4.55 0.00	46.07 4.15 0.00	40.64 3.39 0.00	40.41 3.16 0.00	39.45 3.09 0.00	39.50 3.23 0.00	39.66 3.38 0.00	41.97 3.53 0.00	43.72 3.54 0.00	49.24 3.86 0.00	52.05 3.99 0.00	55.85 4.47 0.00	58.21 5.00 0.00	60.75 5.63 0.00	66.78 5.74 0.00	74.73 7.29 0.00	84.97 8.35 0.00	92.32 10.18 0.00	97.85 12.32 0.00	92.27 11.04 0.00	85.38 9.49 0.00	74.71 8.24 0.00	66.10 6.55 0.00	60.06 6.24 0.00
N SALMON___HYD 24042	46.02 -0.42 0.00	41.41 -0.50 0.00	36.84 -0.41 0.00	36.83 -0.41 0.00	35.85 -0.51 0.00	35.73 -0.54 0.00	35.74 -0.54 0.00	37.98 -0.46 0.00	39.75 -0.44 0.00	45.71 0.32 0.00	48.26 0.19 0.00	51.59 0.21 0.00	53.42 0.21 0.00	55.29 0.17 0.00	61.23 0.18 0.00	66.70 -0.74 0.00	76.08 -0.53 0.00	80.99 -1.15 0.00	84.00 -1.54 0.00	80.82 -0.40 0.00	75.89 0.00 0.00	66.67 0.20 0.00	59.85 0.30 0.00	53.66 -0.16 0.00
N.AKRON__115KV_KNAPP 355671	47.33 0.88 0.00	43.42 1.51 0.00	38.44 1.19 0.00	37.17 -0.07 0.00	36.73 0.36 0.00	36.09 -0.18 0.00	36.76 0.47 0.00	39.40 0.96 0.00	42.84 2.65 0.00	47.16 1.77 0.00	50.28 2.21 0.00	54.41 3.03 0.00	56.46 3.25 0.00	58.21 3.09 0.00	63.67 2.62 0.00	69.60 2.16 0.00	78.84 2.22 0.00	85.18 3.04 0.00	90.41 4.88 0.00	85.53 4.30 0.00	79.61 3.72 0.00	69.39 2.92 0.00	62.05 2.50 0.00	58.18 4.36 0.00
N.E_GEN_SANDY PD 24062	48.16 1.72 0.00	43.38 1.47 0.00	38.87 1.38 -0.24	38.41 1.41 0.24	37.78 1.42 0.00	37.72 1.45 0.00	37.70 1.41 0.00	39.86 1.42 0.00	41.55 1.37 0.00	44.33 0.95 2.01	44.23 0.87 4.70	44.10 0.72 8.00	46.30 0.64 7.55	51.09 0.66 4.69	61.90 0.85 0.00	69.40 1.96 0.00	78.91 2.30 0.00	85.34 3.20 0.00	88.23 3.42 0.73	84.72 2.76 -0.73	78.09 2.20 0.00	68.13 1.66 0.00	65.18 0.95 -4.68	50.37 1.24 4.68
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	49.28 2.83 0.00	44.43 2.51 0.00	39.45 2.20 0.00	39.29 2.05 0.00	38.44 2.07 0.00	38.41 2.14 0.00	38.35 2.07 0.00	40.63 2.19 0.00	42.56 2.37 0.00	47.95 2.27 -0.29	51.10 2.36 -0.67	54.74 2.21 -1.15	56.53 2.23 -1.08	58.00 2.20 -0.67	63.49 2.44 0.00	71.22 3.78 0.00	80.83 4.21 0.00	87.07 4.93 0.00	91.01 5.47 0.00	85.53 4.30 0.00	79.46 3.57 0.00	69.13 2.66 0.00	61.69 2.14 0.00	56.18 2.37 0.00
N.QUEENS_27_KV_LOAD 356247	50.07 3.62 -0.01	45.15 3.23 -0.01	40.09 2.83 -0.01	39.86 2.61 -0.01	39.03 2.65 -0.01	39.00 2.72 -0.01	38.97 2.69 0.00	41.05 2.61 0.00	42.88 2.69 0.00	48.33 2.63 -0.31	51.34 2.55 -0.72	54.92 2.31 -1.23	56.50 2.13 -1.16	58.05 2.20 -0.72	63.48 2.44 0.01	71.55 4.11 0.01	81.20 4.60 0.01	87.31 5.17 0.01	91.26 5.73 0.01	85.68 4.47 0.01	79.60 3.72 0.01	69.05 2.59 0.01	61.69 2.14 0.00	56.57 2.74 -0.01
N.TROY___115KV_TB1 355778	48.21 1.76 0.00	43.55 1.63 0.00	38.78 1.53 0.00	38.73 1.49 0.00	37.85 1.49 0.00	37.76 1.49 0.00	37.70 1.42 0.00	39.86 1.42 0.00	41.59 1.41 0.00	46.02 1.00 0.36	48.18 0.96 0.85	50.82 0.87 1.44	52.70 0.85 1.36	55.16 0.88 0.84	62.14 1.10 0.00	69.47 2.02 0.00	79.07 2.45 0.00	85.34 3.20 0.00	89.38 3.85 0.00	84.55 3.33 0.00	78.78 2.88 0.00	68.73 2.26 0.00	61.22 1.67 0.00	55.43 1.61 0.00
NARROWS_GT1_1 24228	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
NARROWS_GT1_2 24229	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
NARROWS_GT1_3 24230	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
NARROWS_GT1_4 24231	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
NARROWS_GT1_5 24232	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00

NARROWS_GT1_6 24233	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
NARROWS_GT1_7 24234	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
NARROWS_GT1_8 24235	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
NARROWS_GT2_1 24236	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
NARROWS_GT2_2 24237	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
NARROWS_GT2_3 24238	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
NARROWS_GT2_4 24239	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
NARROWS_GT2_5 24240	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
NARROWS_GT2_6 24241	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
NARROWS_GT2_7 24242	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
NARROWS_GT2_8 24243	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	81.05 4.44 0.01	87.55 5.42 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.85 2.39 0.01	61.28 1.73 0.00	56.35 2.53 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	47.88 1.44 0.00	43.21 1.30 0.00	38.44 1.19 0.00	38.47 1.23 0.00	37.60 1.24 0.00	37.54 1.27 0.00	37.41 1.12 0.00	39.41 1.00 0.03	40.66 1.04 0.58	43.56 0.45 2.28	45.08 0.24 3.23	47.02 0.05 4.42	48.24 0.05 5.02	49.71 0.22 5.63	53.84 0.43 7.64	58.65 1.28 10.08	65.05 1.76 13.32	84.33 2.22 0.02	88.61 3.08 0.00	83.74 2.52 0.00	78.17 2.28 0.00	68.26 1.79 0.00	60.98 1.43 0.00	55.05 1.24 0.00
NCHELSEA_115KV_TR2 355582	49.37 2.93 0.00	44.56 2.64 0.00	39.52 2.27 0.00	39.40 2.16 0.00	38.55 2.18 0.00	38.52 2.25 0.00	38.46 2.18 0.00	40.70 2.27 0.00	42.64 2.45 0.00	47.90 2.27 -0.24	50.99 2.36 -0.57	54.57 2.21 -0.97	56.42 2.29 -0.92	58.01 2.32 -0.57	63.61 2.56 0.00	71.42 3.98 0.00	81.13 4.52 0.00	87.40 5.26 0.00	91.52 5.99 0.00	85.93 4.71 0.00	79.91 4.02 0.00	69.53 3.06 0.00	62.05 2.50 0.00	56.40 2.58 0.00
NEG CAPITAL___MECHNVIL 23645	49.23 2.79 0.00	44.35 2.43 0.00	39.41 2.16 0.00	39.48 2.23 0.00	38.51 2.14 0.00	38.41 2.14 0.00	38.35 2.07 0.00	40.47 2.04 0.00	42.32 2.13 0.00	46.90 1.82 0.31	49.02 1.68 0.72	51.90 1.75 1.23	53.75 1.70 1.16	56.33 1.93 0.72	63.31 2.26 0.00	70.81 3.37 0.00	80.67 4.06 0.00	87.40 5.26 0.00	91.77 6.24 0.00	86.82 5.60 0.00	80.90 5.01 0.00	70.52 4.06 0.00	62.76 3.21 0.00	56.77 2.96 0.00
NEG CENTRAL_HIGH_ACRES 23767	46.54 0.09 0.00	42.64 0.71 -0.01	37.70 0.45 0.00	36.98 -0.26 0.00	36.18 -0.18 0.00	35.91 -0.36 0.00	36.03 -0.25 0.00	38.44 0.00 0.00	41.23 1.04 0.00	46.11 0.72 0.00	49.36 1.30 0.00	53.18 1.80 0.00	55.28 2.07 0.00	57.00 1.88 0.00	62.82 1.77 0.00	69.00 1.55 0.00	78.15 1.53 0.00	84.19 2.05 0.00	88.87 3.33 0.00	83.82 2.60 0.00	77.94 2.05 0.00	68.06 1.59 0.00	61.04 1.37 -0.12	55.82 1.88 -0.12

NEG CENTRAL___DRP 24199	47.56 1.11 0.00	43.08 1.13 -0.03	38.11 0.86 0.00	37.80 0.56 0.00	36.95 0.58 0.00	36.74 0.47 0.00	36.83 0.54 0.00	39.13 0.69 0.00	41.43 1.25 0.00	46.43 1.04 0.00	49.36 1.30 0.00	52.92 1.54 0.00	54.97 1.76 0.00	57.11 1.98 0.00	63.06 2.01 0.00	69.60 2.16 0.00	79.07 2.45 0.00	85.34 3.20 0.00	89.98 4.45 0.00	85.04 3.82 0.00	79.16 3.26 0.00	69.06 2.59 0.00	61.86 2.02 -0.28	56.40 2.31 -0.27
NEG CENTRAL___INDECK 23768	49.23 2.79 0.00	45.19 3.27 0.00	39.86 2.61 0.00	38.88 1.64 0.00	38.04 1.67 0.00	37.68 1.41 0.00	37.81 1.52 0.00	39.98 1.54 0.00	42.56 2.37 0.00	47.16 1.77 0.00	50.13 2.07 0.00	53.90 2.52 0.00	56.13 2.92 0.00	58.21 3.08 0.00	64.04 2.99 0.00	68.32 0.87 0.00	77.69 1.07 0.00	84.69 2.55 0.00	90.49 4.96 0.00	86.50 5.28 0.00	80.90 5.01 0.00	70.79 4.32 0.00	65.39 5.84 0.00	59.79 5.97 0.00
NEG CENTRAL___SENECA 23627	47.98 1.53 0.00	43.52 1.59 -0.02	38.52 1.27 0.00	38.10 0.86 0.00	37.27 0.91 0.00	37.00 0.73 0.00	37.16 0.87 0.00	39.51 1.08 0.00	41.96 1.77 0.00	46.93 1.54 0.00	49.99 1.92 0.00	53.54 2.16 0.00	55.60 2.39 0.00	57.82 2.70 0.00	63.73 2.69 0.00	70.28 2.83 0.00	79.83 3.22 0.00	86.33 4.19 0.00	91.26 5.73 0.00	86.18 4.95 0.00	80.22 4.33 0.00	69.99 3.52 0.00	62.58 2.86 -0.17	57.15 3.18 -0.16
NEG CENTRAL___STATE_STREET 24147	47.28 0.84 0.00	42.75 0.80 -0.03	37.85 0.60 0.00	37.69 0.45 0.00	36.80 0.44 0.00	36.60 0.33 0.00	36.65 0.36 0.00	38.86 0.42 0.00	41.03 0.84 0.00	46.07 0.68 0.00	48.98 0.91 0.00	52.51 1.13 0.00	54.49 1.28 0.00	56.66 1.54 0.00	62.63 1.59 0.00	69.26 1.82 0.00	78.68 2.07 0.00	84.85 2.71 0.00	89.13 3.59 0.00	84.31 3.09 0.00	78.47 2.58 0.00	68.53 2.06 0.00	61.44 1.55 -0.35	55.86 1.72 -0.33
NEG MILLWOOD___DRP 24198	49.60 3.16 0.00	44.72 2.81 0.00	39.71 2.46 0.00	39.51 2.27 0.00	38.62 2.25 0.00	38.66 2.39 0.00	38.57 2.29 0.00	40.86 2.42 0.00	42.84 2.65 0.00	48.20 2.54 -0.27	51.49 2.79 -0.64	55.19 2.72 -1.08	57.00 2.77 -1.02	58.57 2.81 -0.64	64.04 2.99 0.00	72.10 4.65 0.00	81.90 5.29 0.00	88.05 5.91 0.00	92.20 6.67 0.00	86.67 5.44 0.00	80.52 4.63 0.00	69.86 3.39 0.00	62.35 2.80 0.00	56.72 2.91 0.00
NEG NORTH_FLCN_SEA 23793	45.24 -1.21 0.00	40.74 -1.17 0.00	36.21 -1.04 0.00	36.20 -1.04 0.00	35.27 -1.09 0.00	35.11 -1.16 0.00	35.09 -1.20 0.00	37.32 -1.11 0.00	39.02 -1.17 0.00	44.84 -0.54 0.00	47.06 -1.01 0.00	50.35 -1.03 0.00	52.15 -1.06 0.00	53.91 -1.21 0.00	59.70 -1.34 0.00	65.08 -2.36 0.00	74.24 -2.38 0.00	79.26 -2.87 0.00	82.11 -3.42 0.00	78.54 -2.68 0.00	73.69 -2.20 0.00	64.68 -1.79 0.00	58.24 -1.31 0.00	52.20 -1.61 0.00
NEG NORTH_KES_CHATEGAY 23792	45.33 -1.11 0.00	40.78 -1.13 0.00	36.28 -0.97 0.00	36.27 -0.97 0.00	35.31 -1.05 0.00	35.18 -1.09 0.00	35.16 -1.12 0.00	37.32 -1.11 0.00	39.02 -1.17 0.00	44.84 -0.54 0.00	47.35 -0.72 0.00	50.61 -0.77 0.00	52.36 -0.85 0.00	54.18 -0.94 0.00	60.01 -1.04 0.00	65.42 -2.02 0.00	74.62 -1.99 0.00	79.67 -2.46 0.00	82.45 -3.08 0.00	79.03 -2.19 0.00	74.22 -1.67 0.00	65.14 -1.33 0.00	58.66 -0.89 0.00	52.58 -1.24 0.00
NEG NORTH___ALICE_FALLS 23915	45.61 -0.84 0.00	41.03 -0.88 0.00	36.50 -0.74 0.00	36.46 -0.78 0.00	35.53 -0.84 0.00	35.36 -0.91 0.00	35.34 -0.94 0.00	37.59 -0.85 0.00	39.34 -0.84 0.00	45.21 -0.18 0.00	47.59 -0.48 0.00	50.87 -0.51 0.00	52.68 -0.53 0.00	54.51 -0.61 0.00	60.37 -0.67 0.00	65.82 -1.62 0.00	75.00 -1.61 0.00	80.17 -1.97 0.00	83.22 -2.31 0.00	79.60 -1.62 0.00	74.68 -1.21 0.00	65.54 -0.93 0.00	58.95 -0.60 0.00	52.85 -0.97 0.00
NEG NORTH___LWR_SARANAC 23913	45.61 -0.84 0.00	41.03 -0.88 0.00	36.50 -0.74 0.00	36.46 -0.78 0.00	35.53 -0.84 0.00	35.36 -0.91 0.00	35.34 -0.94 0.00	37.59 -0.85 0.00	39.34 -0.84 0.00	45.21 -0.18 0.00	47.59 -0.48 0.00	50.87 -0.51 0.00	52.68 -0.53 0.00	54.51 -0.61 0.00	60.37 -0.67 0.00	65.82 -1.62 0.00	75.00 -1.61 0.00	80.17 -1.97 0.00	83.22 -2.31 0.00	79.60 -1.62 0.00	74.68 -1.21 0.00	65.54 -0.93 0.00	58.95 -0.60 0.00	52.85 -0.97 0.00
NEG NORTH___PLATTSBURG 23628	45.61 -0.83 0.00	41.03 -0.88 0.00	36.47 -0.78 0.00	36.46 -0.78 0.00	35.53 -0.83 0.00	35.37 -0.91 0.00	35.34 -0.94 0.00	37.59 -0.85 0.00	39.34 -0.85 0.00	45.21 -0.18 0.00	47.59 -0.48 0.00	50.87 -0.51 0.00	52.68 -0.53 0.00	54.52 -0.61 0.00	60.38 -0.67 0.00	65.82 -1.62 0.00	75.00 -1.61 0.00	79.92 -2.21 0.00	83.05 -2.48 0.00	79.60 -1.62 0.00	74.67 -1.22 0.00	65.54 -0.93 0.00	58.95 -0.60 0.00	52.85 -0.97 0.00
NEG WEST_LEA_LOCKPORT 23791	46.21 -0.23 0.00	42.54 0.63 0.00	37.66 0.41 0.00	36.39 -0.86 0.00	36.00 -0.36 0.00	35.40 -0.87 0.00	36.03 -0.25 0.00	38.67 0.23 0.00	42.08 1.89 0.00	46.25 0.86 0.00	49.27 1.20 0.00	53.33 1.95 0.00	55.29 2.08 0.00	57.00 1.87 0.00	62.27 1.22 0.00	68.12 0.67 0.00	77.07 0.46 0.00	83.12 0.99 0.00	87.93 2.39 0.00	83.34 2.11 0.00	77.64 1.75 0.00	67.60 1.13 0.00	60.56 1.01 0.00	56.94 3.12 0.00
NEG WEST___LANCASTR 23811	45.98 -0.46 0.00	42.17 0.25 0.00	37.36 0.11 0.00	36.42 -0.82 0.00	35.85 -0.51 0.00	35.44 -0.83 0.00	35.89 -0.40 0.00	38.59 0.15 0.00	41.84 1.65 0.00	46.39 1.00 0.00	49.51 1.44 0.00	53.54 2.16 0.00	55.55 2.34 0.00	57.49 2.37 0.00	62.88 1.83 0.00	68.99 1.55 0.00	78.22 1.61 0.00	84.44 2.30 0.00	89.30 3.76 0.00	84.63 3.41 0.00	78.70 2.81 0.00	68.46 1.99 0.00	61.16 1.61 0.00	56.67 2.85 0.00
NEG_PENN_ALLEGHNY 23528	47.70 1.25 0.00	43.30 1.38 0.00	38.37 1.12 0.00	38.13 0.89 0.00	37.31 0.94 0.00	37.07 0.80 0.00	37.15 0.87 0.00	39.48 1.04 0.00	41.55 1.37 0.00	46.61 1.23 0.00	49.51 1.44 0.00	53.08 1.69 0.00	55.07 1.86 0.00	57.10 1.98 0.00	63.12 2.08 0.00	69.94 2.50 0.00	79.29 2.68 0.00	85.59 3.45 0.00	89.81 4.27 0.00	84.79 3.57 0.00	78.93 3.04 0.00	68.93 2.46 0.00	61.58 2.03 0.00	56.02 2.21 0.00
NEG___GEN_MONROE 24207	47.33 0.88 0.00	43.13 1.22 0.00	38.26 1.01 0.00	37.58 0.34 0.00	36.76 0.40 0.00	36.45 0.18 0.00	36.72 0.44 0.00	39.09 0.65 0.00	42.00 1.81 0.00	46.75 1.36 0.00	49.99 1.92 0.00	54.00 2.62 0.00	55.92 2.71 0.00	57.82 2.70 0.00	63.61 2.56 0.00	69.87 2.43 0.00	79.30 2.68 0.00	85.42 3.29 0.00	90.41 4.88 0.00	85.45 4.22 0.00	79.61 3.72 0.00	69.59 3.12 0.00	62.11 2.56 0.00	57.37 3.55 0.00
NEPA___ENERGY 23901	46.16 -0.28 0.00	42.25 0.34 0.00	37.44 0.19 0.00	36.72 -0.52 0.00	36.07 -0.29 0.00	35.73 -0.54 0.00	36.07 -0.22 0.00	38.55 0.12 0.00	41.51 1.33 0.00	46.07 0.68 0.00	49.12 1.06 0.00	53.03 1.64 0.00	54.97 1.76 0.00	56.88 1.76 0.00	62.45 1.40 0.00	68.66 1.21 0.00	77.84 1.23 0.00	83.95 1.81 0.00	88.61 3.08 0.00	83.90 2.68 0.00	78.09 2.20 0.00	68.06 1.60 0.00	60.74 1.19 0.00	56.18 2.37 0.00

NEVERSINK___HYD 23608	49.00 2.55 0.00	44.09 2.18 0.00	39.07 1.82 0.00	39.03 1.79 0.00	38.11 1.75 0.00	38.12 1.85 0.00	38.10 1.81 0.00	40.36 1.92 0.00	42.11 1.97 0.04	47.28 1.86 -0.03	50.07 1.78 -0.23	53.60 1.75 -0.47	55.40 1.81 -0.37	57.09 1.93 -0.04	62.60 2.14 0.58	70.12 3.44 0.76	79.51 3.91 1.01	87.07 4.93 0.00	91.09 5.56 0.00	85.53 4.30 0.00	79.53 3.64 0.00	69.26 2.79 0.00	61.69 2.14 0.00	56.08 2.26 0.00
NEWKRMKL_115KV_TB1 55635	47.14 0.70 0.00	42.54 0.63 0.00	37.88 0.63 0.00	37.95 0.71 0.00	37.13 0.76 0.00	37.07 0.80 0.00	37.01 0.73 0.00	39.09 0.65 0.00	40.75 0.56 0.00	45.19 0.05 0.24	47.46 -0.05 0.56	50.28 -0.15 0.95	52.10 -0.21 0.90	54.40 -0.17 0.56	60.98 -0.06 0.00	68.05 0.61 0.00	77.38 0.77 0.00	83.37 1.23 0.00	87.16 1.63 0.00	82.36 1.14 0.00	76.73 0.83 0.00	67.00 0.53 0.00	59.79 0.24 0.00	54.14 0.32 0.00
NEWTON___FALLS_HYD 23847	46.86 0.42 0.00	42.23 0.29 -0.02	37.44 0.19 0.00	37.35 0.11 0.00	36.40 0.04 0.00	36.42 0.15 0.00	36.39 0.11 0.00	38.51 0.08 0.00	40.19 0.00 0.00	45.75 0.36 0.00	48.31 0.24 0.00	51.69 0.31 0.00	53.58 0.37 0.00	55.45 0.33 0.00	61.35 0.31 0.00	67.65 0.20 0.00	77.15 0.54 0.00	83.04 0.90 0.00	86.82 1.28 0.00	83.01 1.79 0.00	77.64 1.75 0.00	68.26 1.79 0.00	61.15 1.43 -0.17	55.10 1.13 -0.16
NGRID_A1_DSASP 323792	45.47 -0.98 0.00	42.54 0.63 0.00	37.62 0.37 0.00	36.80 -0.45 0.00	36.18 -0.18 0.00	35.73 -0.54 0.00	36.03 -0.25 0.00	38.63 0.19 0.00	41.47 1.29 0.00	45.80 0.41 0.00	49.08 1.01 0.00	53.03 1.64 0.00	55.12 1.91 0.00	56.50 1.38 0.00	61.72 0.67 0.00	67.44 0.00 0.00	76.38 -0.23 0.00	82.30 0.16 0.00	86.99 1.45 0.00	82.28 1.05 0.00	76.65 0.76 0.00	66.74 0.27 0.00	60.21 0.66 0.00	56.02 2.21 0.00
NGRID_A2_DSASP 323793	45.47 -0.98 0.00	42.54 0.63 0.00	37.62 0.37 0.00	36.80 -0.45 0.00	36.18 -0.18 0.00	35.73 -0.54 0.00	36.03 -0.25 0.00	38.63 0.19 0.00	41.47 1.29 0.00	45.80 0.41 0.00	49.08 1.01 0.00	53.03 1.64 0.00	55.12 1.91 0.00	56.50 1.38 0.00	61.72 0.67 0.00	67.44 0.00 0.00	76.38 -0.23 0.00	82.30 0.16 0.00	86.99 1.45 0.00	82.28 1.05 0.00	76.65 0.76 0.00	66.74 0.27 0.00	60.21 0.66 0.00	56.02 2.21 0.00
NGRID_A4_DSASP 323807	45.47 -0.98 0.00	42.54 0.63 0.00	37.62 0.37 0.00	36.80 -0.45 0.00	36.18 -0.18 0.00	35.73 -0.54 0.00	36.03 -0.25 0.00	38.63 0.19 0.00	41.47 1.29 0.00	45.80 0.41 0.00	49.08 1.01 0.00	53.03 1.64 0.00	55.12 1.91 0.00	56.50 1.38 0.00	61.72 0.67 0.00	67.44 0.00 0.00	76.38 -0.23 0.00	82.30 0.16 0.00	86.99 1.45 0.00	82.28 1.05 0.00	76.65 0.76 0.00	66.74 0.27 0.00	60.21 0.66 0.00	56.02 2.21 0.00
NIAGARA_115E_LBMP 323715	46.12 -0.32 0.00	43.17 1.26 0.00	38.18 0.93 0.00	36.20 -1.04 0.00	35.60 -0.77 0.00	35.15 -1.12 0.00	35.49 -0.80 0.00	38.05 -0.38 0.00	42.12 1.93 0.00	46.07 0.68 0.00	49.08 1.01 0.00	53.03 1.64 0.00	55.12 1.91 0.00	56.50 1.38 0.00	61.72 0.67 0.00	67.58 0.14 0.00	76.46 -0.15 0.00	82.47 0.33 0.00	87.24 1.71 0.00	82.60 1.38 0.00	76.88 0.98 0.00	66.94 0.47 0.00	60.32 0.77 0.00	56.72 2.90 0.00
NIAGARA_115W_LBMP 323714	45.33 -1.12 0.00	42.42 0.50 0.00	37.51 0.26 0.00	36.72 -0.52 0.00	36.11 -0.25 0.00	35.65 -0.62 0.00	35.99 -0.29 0.00	38.59 0.15 0.00	41.35 1.17 0.00	45.66 0.27 0.00	48.93 0.87 0.00	52.87 1.49 0.00	54.96 1.75 0.00	56.33 1.21 0.00	61.53 0.49 0.00	67.24 -0.20 0.00	76.16 -0.46 0.00	82.06 -0.08 0.00	86.73 1.20 0.00	82.04 0.81 0.00	76.43 0.53 0.00	66.60 0.13 0.00	60.02 0.47 0.00	55.86 2.04 0.00
NIAGARA_230_LBMP 323716	45.98 -0.46 0.00	42.92 1.00 0.00	37.96 0.71 0.00	36.64 -0.60 0.00	36.00 -0.36 0.00	35.55 -0.73 0.00	35.89 -0.40 0.00	38.44 0.00 0.00	41.84 1.65 0.00	46.16 0.77 0.00	49.46 1.39 0.00	53.44 2.06 0.00	55.55 2.34 0.00	56.94 1.82 0.00	62.27 1.22 0.00	68.19 0.74 0.00	77.22 0.61 0.00	83.20 1.07 0.00	87.92 2.39 0.00	83.25 2.03 0.00	77.49 1.60 0.00	67.47 1.00 0.00	60.74 1.19 0.00	56.51 2.69 0.00
NIAGARA___115KV_198_GIBSON 55903	45.33 -1.11 0.00	41.75 -0.17 0.00	36.99 -0.26 0.00	36.65 -0.60 0.00	35.38 -0.98 0.00	35.62 -0.65 0.00	35.38 -0.91 0.00	37.94 -0.50 0.00	41.31 1.13 0.00	45.62 0.23 0.00	48.69 0.62 0.00	52.72 1.34 0.00	54.59 1.38 0.00	56.33 1.21 0.00	61.53 0.49 0.00	67.24 -0.20 0.00	76.15 -0.46 0.00	82.06 -0.08 0.00	86.64 1.11 0.00	82.04 0.81 0.00	76.42 0.53 0.00	66.60 0.13 0.00	59.61 0.06 0.00	55.86 2.05 0.00
NIAGARA____ 23760	45.98 -0.46 0.00	42.92 1.00 0.00	37.96 0.71 0.00	36.64 -0.60 0.00	36.00 -0.36 0.00	35.55 -0.73 0.00	35.89 -0.40 0.00	38.44 0.00 0.00	41.84 1.65 0.00	46.16 0.77 0.00	49.46 1.39 0.00	53.44 2.06 0.00	55.55 2.34 0.00	56.94 1.82 0.00	62.27 1.22 0.00	68.19 0.74 0.00	77.22 0.61 0.00	83.20 1.07 0.00	87.92 2.39 0.00	83.25 2.03 0.00	77.49 1.60 0.00	67.47 1.00 0.00	60.74 1.19 0.00	56.51 2.69 0.00
NINE_MILE_1 23575	45.47 -0.98 0.00	40.69 -0.80 0.43	36.50 -0.74 0.00	36.35 -0.89 0.00	35.49 -0.87 0.00	35.40 -0.87 0.00	35.41 -0.87 0.00	37.55 -0.88 0.00	39.47 -0.72 0.00	44.35 -1.04 0.00	47.15 -0.91 0.00	50.46 -0.92 0.00	52.31 -0.90 0.00	54.18 -0.94 0.00	59.95 -1.10 0.00	66.30 -1.15 0.00	75.24 -1.38 0.00	80.91 -1.23 0.00	84.59 -0.94 0.00	80.09 -1.14 0.00	74.60 -1.29 0.00	65.28 -1.19 0.00	54.18 -1.13 4.23	49.03 -0.81 3.98
NINE_MILE_2 23744	45.47 -0.98 0.00	40.69 -0.80 0.43	36.50 -0.74 0.00	36.35 -0.89 0.00	35.49 -0.87 0.00	35.40 -0.87 0.00	35.41 -0.87 0.00	37.55 -0.88 0.00	39.47 -0.72 0.00	44.39 -1.00 0.00	47.15 -0.91 0.00	50.46 -0.92 0.00	52.31 -0.90 0.00	54.18 -0.94 0.00	59.95 -1.10 0.00	66.30 -1.15 0.00	75.24 -1.38 0.00	80.91 -1.23 0.00	84.59 -0.94 0.00	80.09 -1.14 0.00	74.60 -1.29 0.00	65.28 -1.19 4.27	54.14 -1.13 4.02	48.99 -0.81 4.02
NM_CAPITAL___DRP 24208	47.23 0.79 0.00	42.63 0.71 0.00	37.99 0.74 0.00	38.02 0.78 0.00	37.20 0.84 0.00	37.14 0.87 0.00	37.08 0.80 0.00	39.17 0.73 0.00	40.83 0.64 0.00	45.26 0.14 0.27	47.49 0.05 0.62	50.22 -0.10 1.06	52.11 -0.11 1.00	54.39 -0.11 0.62	61.05 0.00 0.00	68.18 0.74 0.00	77.53 0.92 0.00	83.54 1.40 0.00	87.33 1.80 0.00	82.52 1.30 0.00	76.88 0.99 0.00	67.13 0.66 0.00	59.85 0.30 0.00	54.25 0.43 0.00
NM_CENTRAL___DRP 24181	46.49 0.05 0.00	42.01 0.08 -0.01	37.25 0.00 0.00	37.13 -0.11 0.00	36.25 -0.11 0.00	36.09 -0.18 0.00	36.14 -0.15 0.00	38.32 -0.12 0.00	40.31 0.12 0.00	45.30 -0.09 0.00	48.11 0.05 0.00	51.59 0.21 0.00	53.53 0.32 0.00	55.56 0.44 0.00	61.47 0.43 0.00	67.98 0.54 0.00	77.23 0.61 0.00	83.04 0.90 0.00	86.99 1.45 0.00	82.20 0.97 0.00	76.57 0.68 0.00	66.93 0.47 0.00	59.86 0.18 -0.13	54.43 0.48 -0.13

NM_FRONTIER___DRP 24179	45.33 -1.11 0.00	41.75 -0.17 0.00	36.99 -0.26 0.00	36.65 -0.60 0.00	35.38 -0.98 0.00	35.62 -0.65 0.00	35.38 -0.91 0.00	37.94 -0.50 0.00	41.31 1.13 0.00	45.62 0.23 0.00	48.69 0.62 0.00	52.72 1.34 0.00	54.59 1.38 0.00	56.33 1.21 0.00	61.53 0.49 0.00	67.24 -0.20 0.00	76.15 -0.46 0.00	82.06 -0.08 0.00	86.64 1.11 0.00	82.04 0.81 0.00	76.42 0.53 0.00	66.60 0.13 0.00	59.61 0.06 0.00	55.86 2.05 0.00
NM_ST_REGIS___HYD 24053	46.07 -0.37 0.00	41.45 -0.46 0.00	36.88 -0.37 0.00	36.87 -0.37 0.00	35.89 -0.47 0.00	35.80 -0.47 0.00	35.81 -0.47 0.00	37.98 -0.46 0.00	39.58 -0.60 0.00	45.52 0.14 0.00	48.07 0.00 0.00	51.43 0.05 0.00	53.21 0.00 0.00	55.01 -0.11 0.00	60.92 -0.12 0.00	66.50 -0.94 0.00	75.77 -0.84 0.00	80.99 -1.15 0.00	83.91 -1.63 0.00	80.82 -0.41 0.00	75.82 -0.08 0.00	66.74 0.27 0.00	59.97 0.42 0.00	53.76 -0.05 0.00
NORTHPORT___1 23551	50.16 3.72 0.00	45.14 3.23 0.00	40.27 3.02 0.00	39.78 2.53 0.00	38.80 2.44 0.00	38.92 2.65 0.00	38.61 2.32 0.00	40.86 2.42 0.00	43.20 3.02 0.00	48.69 2.99 -0.31	51.19 2.40 -0.72	53.54 0.93 -1.23	54.74 0.38 -1.15	54.89 0.39 0.62	55.40 0.25 5.89	69.13 1.69 0.00	75.24 1.76 3.14	85.18 3.04 0.00	88.70 3.17 0.00	82.51 1.30 0.01	73.46 0.60 3.04	62.07 0.13 4.53	55.00 -0.36 4.19	54.14 0.32 0.00
NORTHPORT___2 23552	50.16 3.72 0.00	45.14 3.23 0.00	40.27 3.02 0.00	39.78 2.53 0.00	38.80 2.44 0.00	38.92 2.65 0.00	38.61 2.32 0.00	40.86 2.42 0.00	43.20 3.02 0.00	48.69 2.99 -0.31	51.19 2.40 -0.72	53.54 0.93 -1.23	54.74 0.38 -1.15	54.89 0.39 0.62	55.40 0.25 5.89	69.13 1.69 0.00	75.24 1.76 3.14	85.18 3.04 0.00	88.70 3.17 0.00	82.51 1.30 0.01	73.46 0.60 3.04	62.07 0.13 4.53	55.00 -0.36 4.19	54.14 0.32 0.00
NORTHPORT___3 23553	49.69 3.25 0.00	44.68 2.77 0.00	39.78 2.53 0.00	39.36 2.12 0.00	38.40 2.04 0.00	38.48 2.21 0.00	38.24 1.96 0.00	40.51 2.07 0.00	42.80 2.61 0.00	48.28 2.59 -0.31	50.81 2.02 -0.72	53.02 0.41 -1.23	54.46 0.11 -1.14	54.66 0.17 0.63	55.27 0.12 5.90	68.99 1.55 0.01	75.15 1.68 3.15	84.92 2.79 0.01	88.43 2.91 0.01	82.43 1.22 0.02	73.40 0.53 3.03	61.93 0.00 4.54	54.82 -0.54 4.19	53.75 -0.05 0.01
NORTHPORT___4 23650	49.69 3.25 0.00	44.68 2.77 0.00	39.78 2.53 0.00	39.36 2.12 0.00	38.40 2.04 0.00	38.48 2.21 0.00	38.24 1.96 0.00	40.51 2.07 0.00	42.80 2.61 0.00	48.28 2.59 -0.31	50.81 2.02 -0.72	53.02 0.41 -1.23	54.46 0.11 -1.14	54.66 0.17 0.63	55.27 0.12 5.90	68.99 1.55 0.01	75.15 1.68 3.15	84.92 2.79 0.01	88.43 2.91 0.01	82.43 1.22 0.02	73.40 0.53 3.03	61.93 0.00 4.54	54.82 -0.54 4.19	53.75 -0.05 0.01
NORTHPORT___IC 23718	50.16 3.72 0.00	45.48 3.56 0.00	40.34 3.09 0.00	39.77 2.53 0.00	38.80 2.44 0.00	38.99 2.72 0.00	38.82 2.54 0.00	40.86 2.42 0.00	43.24 3.05 0.00	48.69 3.00 -0.31	51.67 2.88 -0.72	54.20 1.59 -1.23	55.32 0.96 -1.15	54.89 0.39 0.62	55.40 0.24 5.89	69.40 1.96 0.00	75.24 1.76 3.14	84.85 2.71 0.00	88.61 3.08 0.00	82.43 1.22 0.01	73.46 0.61 3.04	62.07 0.13 4.53	55.06 -0.30 4.19	55.38 1.56 0.00
NORTH___COUNTRY_ESR 323785	45.24 -1.21 0.00	40.66 -1.26 0.00	36.17 -1.08 0.00	36.16 -1.08 0.00	35.24 -1.13 0.00	35.11 -1.16 0.00	35.09 -1.20 0.00	37.28 -1.15 0.00	38.98 -1.20 0.00	44.85 -0.54 0.00	47.35 -0.72 0.00	50.61 -0.77 0.00	52.41 -0.80 0.00	54.24 -0.88 0.00	60.01 -1.04 0.00	65.42 -2.02 0.00	74.55 -2.06 0.00	79.35 -2.79 0.00	82.11 -3.42 0.00	78.70 -2.52 0.00	73.92 -1.97 0.00	64.94 -1.53 0.00	58.48 -1.07 0.00	52.42 -1.40 0.00
NPX_GEN_1385_PROXY 323591	49.56 3.11 0.00	44.60 2.68 0.00	40.21 2.72 -0.24	39.27 2.27 0.24	38.51 2.14 0.00	38.66 2.39 0.00	38.35 2.07 0.00	40.43 2.00 0.00	42.76 2.57 0.00	47.79 2.09 -0.31	50.23 1.44 -0.72	49.50 -0.10 1.78	54.15 -0.21 -1.15	54.23 -0.27 0.62	55.16 0.00 5.89	69.13 1.69 0.00	75.24 1.76 3.14	85.34 3.20 0.00	88.13 3.33 0.73	83.49 1.54 -0.72	73.84 0.98 3.04	62.27 0.33 4.53	59.44 -0.60 -0.49	48.92 -0.21 4.69
NPX_GEN_CSC 323557	50.16 3.72 0.00	45.14 3.23 0.00	40.66 3.16 -0.24	39.42 2.42 0.24	38.62 2.26 0.00	38.99 2.72 0.00	38.46 2.18 0.00	40.67 2.23 0.00	43.12 2.93 0.00	48.65 2.95 -0.31	51.24 2.45 -0.72	53.90 1.29 -1.23	55.42 1.06 -1.15	57.01 1.27 -0.62	61.77 1.16 0.43	70.21 2.77 0.00	79.45 3.07 0.23	86.90 4.76 0.00	89.85 5.05 0.73	84.79 2.84 -0.72	74.57 1.67 2.99	67.33 1.20 0.34	61.90 0.42 -1.93	49.94 0.81 4.69
NSINS_S_GLNS_FALLS 23858	49.51 3.07 0.00	44.64 2.72 0.00	39.71 2.46 0.00	39.70 2.46 0.00	38.73 2.36 0.00	38.63 2.36 0.00	38.57 2.29 0.00	40.67 2.23 0.00	42.64 2.45 0.00	47.16 2.04 0.27	49.07 1.63 0.63	51.95 1.64 1.08	53.74 1.54 1.02	56.31 1.82 0.63	63.12 2.08 0.00	70.75 3.30 0.00	80.67 4.06 0.00	87.31 5.17 0.00	92.46 6.93 0.00	87.64 6.42 0.00	81.89 6.00 0.00	71.32 4.85 0.00	63.48 3.93 0.00	57.26 3.44 0.00
NUCOR_STEEL___DRP 24197	47.37 0.93 0.00	42.87 0.92 -0.04	37.96 0.71 0.00	37.80 0.56 0.00	36.91 0.55 0.00	36.71 0.44 0.00	36.72 0.44 0.00	38.94 0.50 0.00	41.07 0.88 0.00	46.11 0.73 0.00	49.03 0.96 0.00	52.51 1.13 0.00	54.49 1.28 0.00	56.66 1.54 0.00	62.63 1.59 0.00	69.20 1.75 0.00	78.61 1.99 0.00	84.69 2.55 0.00	88.95 3.42 0.00	84.07 2.84 0.00	78.32 2.43 0.00	68.40 1.93 0.00	61.41 1.49 -0.37	55.84 1.67 -0.35
NUMBER_THREE_WT_PWR 323818	47.65 1.21 0.00	42.94 1.00 -0.02	38.03 0.78 0.00	37.91 0.67 0.00	36.94 0.58 0.00	37.00 0.73 0.00	37.01 0.73 0.00	39.13 0.69 0.00	40.95 0.76 0.00	46.30 0.91 0.00	48.83 0.77 0.00	52.31 0.93 0.00	54.22 1.01 0.00	56.28 1.16 0.00	62.20 1.16 0.00	69.00 1.55 0.00	78.76 2.14 0.00	85.09 2.95 0.00	89.47 3.94 0.00	85.12 3.90 0.00	79.38 3.49 0.00	69.79 3.32 0.00	62.24 2.50 -0.19	56.36 2.37 -0.18
NYISO_LBMP_REFERENCE 24008	46.44 0.00 0.00	41.92 0.00 0.00	37.25 0.00 0.00	37.24 0.00 0.00	36.36 0.00 0.00	36.27 0.00 0.00	36.28 0.00 0.00	38.44 0.00 0.00	40.19 0.00 0.00	45.39 0.00 0.00	48.07 0.00 0.00	51.38 0.00 0.00	53.21 0.00 0.00	55.12 0.00 0.00	61.05 0.00 0.00	67.44 0.00 0.00	76.61 0.00 0.00	82.14 0.00 0.00	85.53 0.00 0.00	81.22 0.00 0.00	75.89 0.00 0.00	66.47 0.00 0.00	59.55 0.00 0.00	53.82 0.00 0.00
NYPA_BRENTWD____GT 24164	50.81 4.36 0.00	45.73 3.81 0.00	40.75 3.50 0.00	40.26 3.02 0.00	39.24 2.87 0.00	39.39 3.12 0.00	39.04 2.76 0.00	41.32 2.88 0.00	43.72 3.54 0.00	49.33 3.63 -0.31	51.96 3.17 -0.72	54.56 1.95 -1.23	56.01 1.65 -1.15	57.48 1.76 -0.60	62.32 1.83 0.55	70.68 3.24 0.00	79.61 3.29 0.29	86.65 4.51 0.00	90.32 4.79 0.00	83.98 2.76 0.01	75.31 2.36 2.93	67.97 1.93 0.43	57.96 1.13 2.72	55.38 1.56 0.00

NYPA_GOWANUS____GT5 24156	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.23 2.19 0.01	71.28 3.84 0.01	80.97 4.36 0.01	87.47 5.34 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.79 2.33 0.01	61.28 1.73 0.00	56.35 2.53 0.00
NYPA_GOWANUS____GT6 24157	50.12 3.67 -0.01	45.07 3.15 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.82 2.54 0.00	41.01 2.58 0.00	42.84 2.65 0.00	48.37 2.68 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.23 2.19 0.01	71.28 3.84 0.01	80.97 4.36 0.01	87.47 5.34 0.01	91.17 5.64 0.01	85.60 4.38 0.01	79.38 3.49 0.01	68.79 2.33 0.01	61.28 1.73 0.00	56.35 2.53 0.00
NYPA_HARLEM__RVR__GT1 24160	49.98 3.53 -0.01	44.94 3.02 -0.01	39.90 2.64 -0.01	39.82 2.57 -0.01	38.92 2.54 -0.01	38.89 2.61 -0.01	38.86 2.58 0.00	40.97 2.54 0.00	42.72 2.53 0.00	48.24 2.54 -0.31	51.09 2.31 -0.72	54.77 2.16 -1.23	56.28 1.91 -1.16	57.88 2.04 -0.72	63.30 2.26 0.01	71.21 3.77 0.01	80.89 4.29 0.01	87.39 5.26 0.01	91.00 5.48 0.01	85.44 4.22 0.01	79.30 3.42 0.01	68.85 2.39 0.01	61.40 1.85 0.00	56.46 2.64 -0.01
NYPA_HARLEM__RVR__GT2 24161	49.98 3.53 -0.01	44.94 3.02 -0.01	39.90 2.64 -0.01	39.82 2.57 -0.01	38.92 2.54 -0.01	38.89 2.61 -0.01	38.86 2.58 0.00	40.97 2.54 0.00	42.72 2.53 0.00	48.24 2.54 -0.31	51.09 2.31 -0.72	54.77 2.16 -1.23	56.28 1.91 -1.16	57.88 2.04 -0.72	63.30 2.26 0.01	71.21 3.77 0.01	80.89 4.29 0.01	87.39 5.26 0.01	91.00 5.48 0.01	85.44 4.22 0.01	79.30 3.42 0.01	68.85 2.39 0.01	61.40 1.85 0.00	56.46 2.64 -0.01
NYPA_KENT____GT 24152	50.02 3.58 0.00	44.94 3.02 0.00	39.94 2.68 0.00	39.81 2.57 0.00	38.91 2.54 0.00	38.85 2.58 0.00	38.79 2.50 0.00	41.01 2.58 0.00	42.88 2.69 0.00	48.37 2.68 -0.31	51.24 2.45 -0.72	54.87 2.26 -1.23	56.55 2.18 -1.16	58.05 2.21 -0.72	63.30 2.26 0.01	71.21 3.77 0.01	80.82 4.21 0.01	87.39 5.26 0.01	91.00 5.48 0.01	85.44 4.22 0.01	79.22 3.34 0.01	68.72 2.26 0.01	61.28 1.73 0.00	56.35 2.53 0.00
NYPA_POUCH1____GT 24155	50.08 3.62 -0.01	45.02 3.10 -0.01	40.01 2.76 -0.01	39.89 2.64 -0.01	39.02 2.65 -0.01	38.92 2.65 0.00	38.79 2.50 0.00	40.93 2.50 0.00	42.76 2.57 0.00	48.24 2.54 -0.31	50.90 2.11 -0.72	51.03 1.90 2.25	51.62 1.81 3.40	51.82 1.82 5.11	57.58 1.89 5.36	62.25 3.50 8.70	70.98 3.98 9.61	81.33 4.93 5.73	85.34 5.22 5.41	79.67 3.90 5.45	73.53 3.11 5.47	62.93 1.99 5.53	52.87 1.43 8.11	52.10 2.21 3.92
NYPA_VERNON____GT2 24162	49.88 3.44 0.00	44.81 2.89 0.00	39.82 2.57 0.00	39.70 2.46 0.00	38.84 2.47 0.00	38.77 2.50 0.00	38.75 2.47 0.00	41.01 2.58 0.00	42.88 2.69 0.00	48.37 2.68 -0.31	51.29 2.50 -0.72	54.98 2.36 -1.23	56.60 2.23 -1.16	58.05 2.21 -0.72	63.36 2.32 0.01	71.14 3.71 0.01	80.74 4.13 0.01	87.23 5.09 0.01	90.92 5.39 0.01	85.36 4.14 0.01	79.15 3.26 0.01	68.72 2.26 0.01	61.40 1.85 0.00	56.35 2.53 0.00
NYPA_VERNON____GT3 24163	49.88 3.44 0.00	44.81 2.89 0.00	39.82 2.57 0.00	39.70 2.46 0.00	38.84 2.47 0.00	38.77 2.50 0.00	38.75 2.47 0.00	41.01 2.58 0.00	42.88 2.69 0.00	48.37 2.68 -0.31	51.29 2.50 -0.72	54.98 2.36 -1.23	56.60 2.23 -1.16	58.05 2.21 -0.72	63.36 2.32 0.01	71.14 3.71 0.01	80.74 4.13 0.01	87.23 5.09 0.01	90.92 5.39 0.01	85.36 4.14 0.01	79.15 3.26 0.01	68.72 2.26 0.01	61.40 1.85 0.00	56.35 2.53 0.00
NYPA____ASTORIA_CC1 323568	49.83 3.39 0.00	44.77 2.85 0.00	39.78 2.53 0.00	39.66 2.42 0.00	38.80 2.44 0.00	38.74 2.47 0.00	38.72 2.43 0.00	40.93 2.50 0.00	42.80 2.61 0.00	48.28 2.59 -0.31	51.19 2.40 -0.72	54.87 2.26 -1.23	56.50 2.13 -1.16	57.94 2.09 -0.72	63.23 2.19 0.01	71.07 3.64 0.01	80.66 4.06 0.01	87.14 5.01 0.01	90.74 5.22 0.01	85.19 3.98 0.01	79.07 3.19 0.01	68.59 2.13 0.01	61.28 1.73 0.00	56.29 2.48 0.00
NYPA____ASTORIA_CC2 323569	49.83 3.39 0.00	44.77 2.85 0.00	39.78 2.53 0.00	39.66 2.42 0.00	38.80 2.44 0.00	38.74 2.47 0.00	38.72 2.43 0.00	40.93 2.50 0.00	42.80 2.61 0.00	48.28 2.59 -0.31	51.19 2.40 -0.72	54.87 2.26 -1.23	56.50 2.13 -1.16	57.94 2.09 -0.72	63.23 2.19 0.01	71.07 3.64 0.01	80.66 4.06 0.01	87.14 5.01 0.01	90.74 5.22 0.01	85.19 3.98 0.01	79.07 3.19 0.01	68.59 2.13 0.01	61.28 1.73 0.00	56.29 2.48 0.00
NYPA____HOLTSVILL 23794	50.35 3.90 0.00	45.35 3.44 0.00	40.49 3.24 0.00	39.92 2.68 0.00	38.91 2.54 0.00	39.10 2.83 0.00	38.72 2.43 0.00	40.97 2.54 0.00	43.36 3.17 0.00	48.92 3.22 -0.31	51.43 2.64 -0.72	54.05 1.44 -1.23	55.53 1.17 -1.15	57.02 1.27 -0.63	61.79 1.16 0.41	70.14 2.70 0.00	79.31 2.91 0.22	86.49 4.35 0.00	90.15 4.62 0.00	83.74 2.52 0.01	74.49 1.60 2.99	67.28 1.13 0.32	57.33 0.53 2.75	54.78 0.97 0.00
NYPA____HELLGATE_GT1 24158	49.98 3.53 -0.01	44.94 3.02 -0.01	39.90 2.64 -0.01	39.82 2.57 -0.01	38.92 2.54 -0.01	38.89 2.61 -0.01	38.86 2.58 0.00	40.97 2.54 0.00	42.72 2.53 0.00	48.24 2.54 -0.31	51.09 2.31 -0.72	54.77 2.16 -1.23	56.28 1.91 -1.16	57.88 2.04 -0.72	63.30 2.26 0.01	71.21 3.77 0.01	80.89 4.29 0.01	87.39 5.26 0.01	91.00 5.48 0.01	85.44 4.22 0.01	79.30 3.42 0.01	68.85 2.39 0.01	61.40 1.85 0.00	56.46 2.64 -0.01
NYPA____HELLGATE_GT2 24159	49.98 3.53 -0.01	44.94 3.02 -0.01	39.90 2.64 -0.01	39.82 2.57 -0.01	38.92 2.54 -0.01	38.89 2.61 -0.01	38.86 2.58 0.00	40.97 2.54 0.00	42.72 2.53 0.00	48.24 2.54 -0.31	51.09 2.31 -0.72	54.77 2.16 -1.23	56.28 1.91 -1.16	57.88 2.04 -0.72	63.30 2.26 0.01	71.21 3.77 0.01	80.89 4.29 0.01	87.39 5.26 0.01	91.00 5.48 0.01	85.44 4.22 0.01	79.30 3.42 0.01	68.85 2.39 0.01	61.40 1.85 0.00	56.46 2.64 -0.01
NYS_BARGE__HYD 23848	46.44 0.00 0.00	43.42 1.51 0.00	38.37 1.12 0.00	36.64 -0.60 0.00	36.00 -0.36 0.00	35.55 -0.73 0.00	35.89 -0.40 0.00	38.48 0.04 0.00	42.36 2.17 0.00	46.52 1.14 0.00	49.65 1.58 0.00	53.70 2.31 0.00	55.82 2.61 0.00	57.22 2.09 0.00	62.51 1.46 0.00	68.32 0.87 0.00	77.38 0.77 0.00	83.53 1.40 0.00	88.44 2.91 0.00	83.66 2.43 0.00	77.94 2.05 0.00	67.87 1.40 0.00	61.16 1.61 0.00	57.21 3.39 0.00
OAK_ORCHARD__HYD 24046	47.28 0.84 0.00	43.47 1.55 0.00	38.44 1.19 0.00	37.58 0.33 0.00	36.73 0.36 0.00	36.45 0.18 0.00	36.61 0.33 0.00	39.09 0.65 0.00	42.08 1.89 0.00	46.93 1.54 0.00	50.28 2.21 0.00	54.26 2.88 0.00	56.40 3.19 0.00	58.04 2.92 0.00	63.92 2.87 0.00	70.07 2.63 0.00	79.37 2.75 0.00	85.51 3.37 0.00	90.32 4.79 0.00	85.28 4.06 0.00	79.31 3.42 0.00	69.26 2.79 0.00	62.11 2.56 0.00	56.99 3.17 0.00

OAKDALE___35_KV_LOAD 356122	47.42 0.98 0.00	42.92 1.01 0.00	38.07 0.82 0.00	37.91 0.67 0.00	37.09 0.73 0.00	36.92 0.65 0.00	37.01 0.73 0.00	39.28 0.85 0.00	41.31 1.13 0.00	46.30 0.91 0.00	49.17 1.11 0.00	52.72 1.34 0.00	54.65 1.44 0.00	56.72 1.60 0.00	62.63 1.59 0.00	69.40 1.96 0.00	78.76 2.15 0.00	84.77 2.63 0.00	89.04 3.51 0.00	84.15 2.92 0.00	78.40 2.50 0.00	68.46 1.99 0.00	61.10 1.55 0.00	55.65 1.83 0.00
OCC_CHEM___DRP 24175	45.47 -0.98 0.00	41.87 -0.04 0.00	37.10 -0.15 0.00	36.68 -0.56 0.00	35.45 -0.91 0.00	35.65 -0.62 0.00	35.49 -0.80 0.00	38.05 -0.38 0.00	41.43 1.25 0.00	45.75 0.36 0.00	48.88 0.82 0.00	52.87 1.49 0.00	54.75 1.54 0.00	56.50 1.38 0.00	61.72 0.67 0.00	67.44 0.00 0.00	76.38 -0.23 0.00	82.30 0.16 0.00	86.90 1.37 0.00	82.28 1.06 0.00	76.65 0.76 0.00	66.74 0.27 0.00	59.79 0.24 0.00	56.02 2.21 0.00
OH_GEN_PROXY 24063	45.98 -0.46 0.00	42.92 1.00 0.00	38.20 0.71 -0.24	36.40 -0.60 0.24	36.00 -0.36 0.00	35.58 -0.69 0.00	35.89 -0.40 0.00	38.44 0.00 0.00	41.80 1.61 0.00	46.16 0.77 0.00	49.46 1.39 0.00	53.44 2.06 0.00	55.55 2.34 0.00	56.94 1.82 0.00	62.33 1.28 0.00	68.26 0.81 0.00	77.30 0.69 0.00	83.37 1.23 0.00	87.36 2.56 0.73	84.06 2.11 -0.73	77.56 1.67 0.00	67.60 1.13 0.00	65.49 1.25 -4.68	51.77 2.64 4.68
OLIN_CORP_DRP 24177	46.21 -0.23 0.00	42.54 0.63 0.00	37.70 0.45 0.00	36.24 -1.01 0.00	36.04 -0.33 0.00	35.22 -1.05 0.00	36.07 -0.22 0.00	38.67 0.23 0.00	42.12 1.93 0.00	46.11 0.73 0.00	48.98 0.91 0.00	53.03 1.64 0.00	54.91 1.70 0.00	56.66 1.54 0.00	61.90 0.85 0.00	67.71 0.27 0.00	76.69 0.08 0.00	82.71 0.57 0.00	87.41 1.88 0.00	82.85 1.62 0.00	77.11 1.21 0.00	67.13 0.66 0.00	60.09 0.54 0.00	56.78 2.96 0.00
OLIN_CORP_DSASP 323712	45.47 -0.98 0.00	42.54 0.63 0.00	37.62 0.37 0.00	36.80 -0.45 0.00	36.18 -0.18 0.00	35.73 -0.54 0.00	36.03 -0.25 0.00	38.63 0.19 0.00	41.47 1.29 0.00	45.80 0.41 0.00	49.08 1.01 0.00	53.03 1.64 0.00	55.12 1.91 0.00	56.50 1.38 0.00	61.72 0.67 0.00	67.44 0.00 0.00	76.38 -0.23 0.00	82.30 0.16 0.00	86.99 1.45 0.00	82.28 1.05 0.00	76.65 0.76 0.00	66.74 0.27 0.00	60.21 0.66 0.00	56.02 2.21 0.00
ONEIDA_HERK_LFGE 323681	47.88 1.44 0.00	43.13 1.22 0.00	38.26 1.01 0.00	38.17 0.93 0.00	37.20 0.84 0.00	37.21 0.94 0.00	37.26 0.98 0.00	39.43 1.00 0.00	41.23 1.04 0.00	46.52 1.14 0.00	49.17 1.11 0.00	52.67 1.29 0.00	54.65 1.44 0.00	56.72 1.60 0.00	62.69 1.65 0.00	69.60 2.16 0.00	79.22 2.61 0.00	85.43 3.29 0.00	89.64 4.11 0.00	84.96 3.74 0.00	79.08 3.19 0.00	69.33 2.86 0.00	61.75 2.20 0.00	55.97 2.15 0.00
ONEIDA___115KV_TB4 55905	48.21 1.76 0.00	43.47 1.55 0.00	38.52 1.27 0.00	38.43 1.19 0.00	37.49 1.13 0.00	37.43 1.16 0.00	37.48 1.20 0.00	39.67 1.23 0.00	41.47 1.29 0.00	46.70 1.32 0.00	49.41 1.35 0.00	52.98 1.59 0.00	54.97 1.76 0.00	57.16 2.04 0.00	63.18 2.14 0.00	70.21 2.77 0.00	79.75 3.14 0.00	86.00 3.86 0.00	90.32 4.79 0.00	85.45 4.22 0.00	79.46 3.57 0.00	69.59 3.12 0.00	61.93 2.38 0.00	56.24 2.42 0.00
ONONDAGA_REF_OCCRA 23987	46.68 0.23 0.00	42.14 0.21 -0.01	37.36 0.11 0.00	37.24 0.00 0.00	36.36 0.00 0.00	36.20 -0.07 0.00	36.25 -0.04 0.00	38.44 0.00 0.00	40.43 0.24 0.00	45.43 0.05 0.00	48.21 0.14 0.00	51.69 0.31 0.00	53.64 0.43 0.00	55.73 0.61 0.00	61.66 0.61 0.00	68.25 0.81 0.00	77.46 0.84 0.00	83.37 1.23 0.00	87.33 1.80 0.00	82.60 1.38 0.00	76.88 0.99 0.00	67.20 0.73 0.00	60.10 0.42 -0.14	54.59 0.65 -0.13
ONONDAGA___COGEN 23986	46.63 0.19 0.00	42.09 0.13 -0.04	37.32 0.07 0.00	37.20 -0.04 0.00	36.29 -0.07 0.00	36.13 -0.15 0.00	36.14 -0.15 0.00	38.32 -0.12 0.00	40.35 0.16 0.00	45.39 0.00 0.00	48.16 0.10 0.00	51.64 0.26 0.00	53.58 0.37 0.00	55.67 0.55 0.00	61.53 0.49 0.00	68.12 0.67 0.00	77.30 0.69 0.00	83.12 0.99 0.00	87.07 1.54 0.00	82.28 1.06 0.00	76.65 0.76 0.00	67.00 0.53 0.00	60.29 0.30 -0.45	54.77 0.54 -0.42
ONTARIO___LFGE 23819	47.97 1.53 0.00	43.82 1.89 -0.02	38.70 1.45 0.00	38.13 0.89 0.00	37.31 0.94 0.00	37.03 0.76 0.00	37.15 0.87 0.00	39.51 1.07 0.00	42.00 1.81 0.00	46.98 1.59 0.00	50.08 2.02 0.00	53.64 2.26 0.00	55.76 2.55 0.00	57.82 2.70 0.00	63.73 2.68 0.00	70.34 2.90 0.00	79.83 3.22 0.00	86.41 4.27 0.00	91.35 5.82 0.00	86.26 5.04 0.00	80.22 4.32 0.00	69.99 3.52 0.00	62.75 3.04 -0.17	57.15 3.17 -0.16
ORANGEVILLE_WT_PWR 323706	46.68 0.23 0.00	43.22 1.30 0.00	38.03 0.78 0.00	36.87 -0.37 0.00	36.18 -0.18 0.00	35.80 -0.47 0.00	36.28 0.00 0.00	38.74 0.31 0.00	41.88 1.69 0.00	46.39 1.00 0.00	49.56 1.49 0.00	53.44 2.06 0.00	55.61 2.40 0.00	57.38 2.26 0.00	62.82 1.77 0.00	68.79 1.35 0.00	77.99 1.38 0.00	84.60 2.46 0.00	89.64 4.11 0.00	85.04 3.82 0.00	79.38 3.49 0.00	69.13 2.66 0.00	62.17 2.62 0.00	57.42 3.61 0.00
ORANGEVILLE___ESR 323794	46.68 0.23 0.00	43.22 1.30 0.00	38.03 0.78 0.00	36.87 -0.37 0.00	36.18 -0.18 0.00	35.80 -0.47 0.00	36.28 0.00 0.00	38.74 0.31 0.00	41.88 1.69 0.00	46.39 1.00 0.00	49.56 1.49 0.00	53.44 2.06 0.00	55.61 2.40 0.00	57.38 2.26 0.00	62.82 1.77 0.00	68.79 1.35 0.00	77.99 1.38 0.00	84.60 2.46 0.00	89.64 4.11 0.00	85.04 3.82 0.00	79.38 3.49 0.00	69.13 2.66 0.00	62.17 2.62 0.00	57.42 3.61 0.00
OSWEGATCHIE___HYD 24044	46.86 0.42 0.00	42.23 0.30 -0.02	37.44 0.19 0.00	37.35 0.11 0.00	36.40 0.04 0.00	36.42 0.15 0.00	36.39 0.11 0.00	38.51 0.08 0.00	40.19 0.00 0.00	45.75 0.36 0.00	48.31 0.24 0.00	51.69 0.31 0.00	53.59 0.38 0.00	55.56 0.44 0.00	61.35 0.31 0.00	67.65 0.20 0.00	77.15 0.54 0.00	82.88 0.74 0.00	86.48 0.94 0.00	83.01 1.78 0.00	77.64 1.75 0.00	68.27 1.80 0.00	61.14 1.43 -0.17	55.11 1.13 -0.16
OSWEGO___5 23606	45.84 -0.61 0.00	41.73 -0.46 -0.27	36.84 -0.41 0.00	36.64 -0.60 0.00	35.78 -0.58 0.00	35.65 -0.62 0.00	35.70 -0.58 0.00	37.86 -0.58 0.00	39.83 -0.36 0.00	44.75 -0.64 0.00	47.54 -0.53 0.00	50.87 -0.51 0.00	52.78 -0.43 0.00	54.62 -0.50 0.00	60.44 -0.61 0.00	66.83 -0.61 0.00	75.92 -0.69 0.00	81.65 -0.49 0.00	85.36 -0.17 0.00	80.74 -0.48 0.00	75.28 -0.61 0.00	65.87 -0.60 0.00	61.60 -0.65 -2.70	56.04 -0.32 -2.54
OSWEGO___6 23613	45.84 -0.61 0.00	41.73 -0.46 -0.27	36.84 -0.41 0.00	36.64 -0.60 0.00	35.78 -0.58 0.00	35.65 -0.62 0.00	35.70 -0.58 0.00	37.86 -0.58 0.00	39.83 -0.36 0.00	44.75 -0.64 0.00	47.54 -0.53 0.00	50.87 -0.51 0.00	52.78 -0.43 0.00	54.62 -0.50 0.00	60.44 -0.61 0.00	66.83 -0.61 0.00	75.92 -0.69 0.00	81.65 -0.49 0.00	85.36 -0.17 0.00	80.74 -0.48 0.00	75.28 -0.61 0.00	65.87 -0.60 0.00	61.60 -0.65 -2.70	56.04 -0.32 -2.54

OUTOKUMPU-AB___DRP 24206	46.63 0.19 0.00	42.88 0.96 0.00	37.99 0.74 0.00	37.13 -0.11 0.00	36.36 0.00 0.00	36.09 -0.18 0.00	36.36 0.07 0.00	39.05 0.61 0.00	42.52 2.33 0.00	46.93 1.54 0.00	50.08 2.02 0.00	54.21 2.83 0.00	56.19 2.98 0.00	58.04 2.92 0.00	63.37 2.32 0.00	68.93 1.48 0.00	77.99 1.38 0.00	84.19 2.05 0.00	88.95 3.42 0.00	84.23 3.01 0.00	78.47 2.58 0.00	68.53 2.06 0.00	61.45 1.91 0.00	57.58 3.77 0.00
OXBOW___BTM 323836	46.17 -0.28 0.00	43.13 1.22 0.00	38.14 0.89 0.00	37.09 -0.15 0.00	36.47 0.11 0.00	35.98 -0.29 0.00	36.32 0.04 0.00	38.97 0.54 0.00	42.12 1.93 0.00	46.52 1.14 0.00	49.85 1.78 0.00	53.85 2.47 0.00	56.03 2.82 0.00	57.44 2.31 0.00	62.69 1.65 0.00	67.98 0.54 0.00	77.00 0.38 0.00	83.04 0.91 0.00	87.75 2.22 0.00	83.01 1.78 0.00	77.33 1.44 0.00	67.47 1.00 0.00	61.21 1.67 0.00	56.94 3.12 0.00
OXBOW___ 24026	46.16 -0.28 0.00	42.46 0.54 0.00	37.62 0.37 0.00	36.98 -0.26 0.00	36.00 -0.36 0.00	35.94 -0.33 0.00	35.99 -0.29 0.00	38.63 0.19 0.00	42.08 1.89 0.00	46.48 1.09 0.00	49.60 1.54 0.00	53.69 2.31 0.00	55.66 2.45 0.00	57.44 2.32 0.00	62.69 1.65 0.00	67.98 0.54 0.00	77.00 0.38 0.00	83.04 0.90 0.00	87.67 2.14 0.00	83.01 1.79 0.00	77.33 1.44 0.00	67.47 1.00 0.00	60.80 1.25 0.00	56.94 3.12 0.00
OXY_CHEM_DSASP 323612	45.47 -0.98 0.00	41.87 -0.04 0.00	37.10 -0.15 0.00	36.68 -0.56 0.00	35.45 -0.91 0.00	35.65 -0.62 0.00	35.49 -0.80 0.00	38.05 -0.38 0.00	41.43 1.25 0.00	45.75 0.36 0.00	48.88 0.82 0.00	52.87 1.49 0.00	54.75 1.54 0.00	56.50 1.38 0.00	61.72 0.67 0.00	67.44 0.00 0.00	76.38 -0.23 0.00	82.30 0.16 0.00	86.90 1.37 0.00	82.28 1.06 0.00	76.65 0.76 0.00	66.74 0.27 0.00	59.79 0.24 0.00	56.02 2.21 0.00
OZONE_PARK_ESR 323760	50.16 3.72 0.00	45.23 3.31 0.00	40.12 2.87 0.00	39.89 2.64 0.00	39.05 2.69 0.00	39.03 2.76 0.00	39.01 2.72 0.00	41.36 2.92 0.00	43.40 3.21 0.00	48.87 3.18 -0.31	52.06 3.27 -0.72	55.69 3.08 -1.23	57.46 3.09 -1.16	58.93 3.09 -0.72	64.34 3.30 0.00	72.37 4.92 0.00	82.05 5.44 0.00	88.30 6.16 0.00	92.29 6.76 0.00	86.67 5.44 0.00	80.52 4.63 0.00	69.79 3.32 0.00	62.41 2.86 0.00	56.94 3.12 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	45.47 -0.98 0.00	41.87 -0.04 0.00	37.10 -0.15 0.00	36.68 -0.56 0.00	35.45 -0.91 0.00	35.65 -0.62 0.00	35.49 -0.80 0.00	38.05 -0.38 0.00	41.43 1.25 0.00	45.75 0.36 0.00	48.88 0.82 0.00	52.87 1.49 0.00	54.75 1.54 0.00	56.50 1.38 0.00	61.72 0.67 0.00	67.44 0.00 0.00	76.38 -0.23 0.00	82.30 0.16 0.00	86.90 1.37 0.00	82.28 1.06 0.00	76.65 0.76 0.00	66.74 0.27 0.00	59.79 0.24 0.00	56.02 2.21 0.00
PACKARD___115KV_DUPONT_184 80571	45.47 -0.98 0.00	41.87 -0.04 0.00	37.10 -0.15 0.00	36.68 -0.56 0.00	35.45 -0.91 0.00	35.65 -0.62 0.00	35.49 -0.80 0.00	38.05 -0.38 0.00	41.43 1.25 0.00	45.75 0.36 0.00	48.88 0.82 0.00	52.87 1.49 0.00	54.75 1.54 0.00	56.50 1.38 0.00	61.72 0.67 0.00	67.44 0.00 0.00	76.38 -0.23 0.00	82.30 0.16 0.00	86.90 1.37 0.00	82.28 1.06 0.00	76.65 0.76 0.00	66.74 0.27 0.00	59.79 0.24 0.00	56.02 2.21 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	50.03 3.58 -0.01	45.11 3.19 -0.01	40.05 2.79 -0.01	39.82 2.57 -0.01	38.99 2.62 -0.01	38.96 2.68 -0.01	38.86 2.58 0.00	40.97 2.54 0.00	42.76 2.57 0.00	48.19 2.50 -0.31	51.24 2.45 -0.72	54.77 2.16 -1.23	56.39 2.02 -1.16	57.94 2.09 -0.72	63.30 2.26 0.01	71.28 3.84 0.01	80.90 4.29 0.01	86.98 4.85 0.01	90.91 5.39 0.01	85.36 4.14 0.01	79.30 3.42 0.01	68.85 2.39 0.01	61.57 2.02 0.00	56.46 2.64 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	50.82 4.37 -0.01	45.82 3.90 -0.01	40.68 3.43 -0.01	40.45 3.20 -0.01	39.61 3.24 -0.01	39.51 3.23 -0.01	39.44 3.16 0.00	41.55 3.11 0.00	43.40 3.21 0.00	48.92 3.22 -0.31	52.01 3.22 -0.72	55.59 2.98 -1.23	57.24 2.87 -1.16	58.82 2.98 -0.72	64.27 3.24 0.01	72.36 4.92 0.01	82.12 5.52 0.01	88.37 6.24 0.01	92.28 6.76 0.01	86.66 5.44 0.01	80.51 4.63 0.01	69.85 3.39 0.01	62.53 2.98 0.00	57.32 3.50 -0.01
PATROON___115KV_TB1 80586	47.33 0.88 0.00	42.71 0.80 0.00	38.03 0.78 0.00	38.10 0.86 0.00	37.24 0.87 0.00	37.18 0.91 0.00	37.12 0.83 0.00	39.21 0.77 0.00	40.91 0.72 0.00	45.32 0.18 0.25	47.63 0.14 0.58	50.45 0.05 0.98	52.28 0.00 0.93	54.60 0.06 0.58	61.23 0.18 0.00	68.39 0.94 0.00	77.76 1.15 0.00	83.78 1.64 0.00	87.59 2.05 0.00	82.77 1.54 0.00	77.11 1.21 0.00	67.27 0.80 0.00	60.03 0.48 0.00	54.41 0.59 0.00
PATTRSNVILLE___SOLAR 323815	48.86 2.41 0.00	44.05 2.14 0.00	39.11 1.86 0.00	39.18 1.94 0.00	38.25 1.89 0.00	38.16 1.88 0.00	38.10 1.81 0.00	40.17 1.73 0.00	41.84 1.65 0.00	46.55 1.36 0.20	48.85 1.25 0.47	51.82 1.23 0.80	53.63 1.17 0.75	55.92 1.27 0.47	62.63 1.58 0.00	69.87 2.42 0.00	79.68 3.07 0.00	86.16 4.02 0.00	90.49 4.96 0.00	85.85 4.63 0.00	80.14 4.25 0.00	69.92 3.45 0.00	62.35 2.80 0.00	56.45 2.64 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	46.44 0.00 0.00	42.63 0.71 0.00	37.77 0.52 0.00	36.76 -0.48 0.00	36.22 -0.15 0.00	35.76 -0.51 0.00	36.21 -0.07 0.00	38.98 0.54 0.00	42.32 2.13 0.00	46.89 1.50 0.00	50.04 1.97 0.00	54.16 2.77 0.00	56.14 2.93 0.00	58.10 2.98 0.00	63.49 2.44 0.00	69.67 2.23 0.00	78.91 2.30 0.00	85.26 3.12 0.00	90.15 4.62 0.00	85.37 4.14 0.00	79.46 3.57 0.00	69.06 2.59 0.00	61.69 2.14 0.00	57.37 3.55 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	49.60 3.16 0.00	44.72 2.81 0.00	39.71 2.46 0.00	39.51 2.27 0.00	38.62 2.25 0.00	38.66 2.39 0.00	38.57 2.29 0.00	40.86 2.42 0.00	42.84 2.65 0.00	48.20 2.54 -0.27	51.49 2.79 -0.64	55.19 2.72 -1.08	57.00 2.77 -1.02	58.57 2.81 -0.64	64.04 2.99 0.00	72.10 4.65 0.00	81.90 5.29 0.00	88.05 5.91 0.00	92.20 6.67 0.00	86.67 5.44 0.00	80.52 4.63 0.00	69.86 3.39 0.00	62.35 2.80 0.00	56.72 2.91 0.00
PEEKSKILL___ 23653	49.23 2.79 0.00	44.26 2.35 0.00	39.33 2.08 0.00	39.25 2.01 0.00	38.36 2.00 0.00	38.34 2.07 0.00	38.32 2.03 0.00	40.59 2.15 0.00	42.52 2.33 0.00	47.91 2.22 -0.30	50.94 2.16 -0.71	54.70 2.11 -1.21	56.37 2.02 -1.14	57.87 2.04 -0.71	63.31 2.26 0.00	71.08 3.64 0.00	80.67 4.06 0.00	87.15 5.01 0.00	90.92 5.39 0.00	85.44 4.22 0.00	79.31 3.42 0.00	68.93 2.46 0.00	61.45 1.91 0.00	56.08 2.26 0.00
PGE MADISON___WINDPWR 24146	51.00 4.55 0.00	46.07 4.15 0.00	40.64 3.39 0.00	40.41 3.16 0.00	39.45 3.09 0.00	39.50 3.23 0.00	39.66 3.38 0.00	41.97 3.53 0.00	43.72 3.54 0.00	49.24 3.86 0.00	52.05 3.99 0.00	55.85 4.47 0.00	58.21 5.00 0.00	60.75 5.63 0.00	66.78 5.74 0.00	74.73 7.29 0.00	84.97 8.35 0.00	92.32 10.18 0.00	97.85 12.32 0.00	92.27 11.04 0.00	85.38 9.49 0.00	74.71 8.24 0.00	66.10 6.55 0.00	60.06 6.24 0.00

PIERCEFIELD___HYD 23852	46.07 -0.37 0.00	41.50 -0.42 0.00	36.91 -0.34 0.00	36.87 -0.37 0.00	35.93 -0.44 0.00	35.87 -0.40 0.00	35.85 -0.44 0.00	37.98 -0.46 0.00	39.54 -0.64 0.00	45.48 0.09 0.00	48.02 -0.05 0.00	51.33 -0.05 0.00	53.16 -0.05 0.00	54.96 -0.17 0.00	60.86 -0.18 0.00	66.43 -1.01 0.00	75.69 -0.92 0.00	80.91 -1.23 0.00	83.74 -1.80 0.00	80.74 -0.49 0.00	75.82 -0.08 0.00	66.74 0.27 0.00	59.97 0.42 0.00	53.76 -0.05 0.00
PINELAWN_CC_1 323563	50.53 4.09 0.00	45.48 3.56 0.00	40.49 3.24 0.00	40.04 2.79 0.00	39.02 2.65 0.00	39.14 2.86 0.00	38.86 2.58 0.00	41.13 2.69 0.00	43.48 3.30 0.00	49.01 3.31 -0.31	51.72 2.93 -0.72	54.41 1.80 -1.23	55.91 1.54 -1.15	57.45 1.65 -0.67	62.53 1.71 0.22	70.81 3.37 0.00	80.25 3.75 0.11	87.32 5.18 0.00	91.01 5.48 0.00	84.79 3.57 0.01	75.97 2.73 2.65	68.23 1.93 0.17	58.42 1.19 2.32	55.32 1.50 0.00
PJM_GEN_HTP_PROXY 323702	49.60 3.16 0.00	44.56 2.64 0.00	39.84 2.35 -0.24	39.23 2.23 0.24	38.62 2.26 0.00	38.56 2.29 0.00	38.57 2.29 0.00	40.90 2.46 0.00	42.88 2.69 0.00	48.33 2.63 -0.31	51.33 2.55 -0.72	55.03 2.42 -1.23	56.71 2.34 -1.16	58.21 2.37 -0.72	63.55 2.50 0.00	71.42 3.98 0.00	81.06 4.44 0.00	87.56 5.42 0.00	90.44 5.64 0.73	86.34 4.38 -0.73	79.46 3.57 0.00	68.99 2.53 0.00	66.26 2.03 -4.68	51.61 2.48 4.68
PJM_GEN_KEystone 24065	47.70 1.25 0.00	43.47 1.55 0.00	38.76 1.27 -0.24	37.78 0.78 0.24	37.23 0.87 0.00	37.03 0.76 0.00	37.15 0.87 0.00	39.55 1.12 0.00	41.95 1.77 0.00	46.96 1.41 -0.16	50.03 1.58 -0.38	53.64 1.85 -0.41	55.42 1.91 -0.30	56.86 1.76 0.03	62.38 1.71 0.38	69.13 2.29 0.61	78.46 2.52 0.67	85.11 3.37 0.40	88.44 4.02 1.11	84.83 3.25 -0.35	78.09 2.58 0.38	67.94 1.86 0.39	65.21 1.55 -4.12	51.01 2.15 4.96
PJM_GEN_NEPTUNE_PROXY 323594	49.88 3.44 0.00	44.89 2.98 0.00	40.21 2.72 -0.24	39.34 2.35 0.24	38.62 2.26 0.00	38.70 2.43 0.00	38.50 2.21 0.00	40.74 2.31 0.00	43.00 2.81 0.00	48.51 2.82 -0.31	51.24 2.45 -0.72	54.05 1.44 -1.23	55.53 1.17 -1.15	57.11 1.27 -0.72	62.32 1.28 0.01	70.21 2.77 0.00	79.68 3.07 0.00	86.49 4.35 0.00	89.33 4.53 0.73	84.79 2.84 -0.72	74.72 2.05 3.22	67.79 1.33 0.01	62.05 0.72 -1.78	50.21 1.08 4.69
PJM_GEN_VFT_PROXY 323633	49.37 2.93 0.00	44.35 2.43 0.00	39.65 2.16 -0.24	39.04 2.05 0.24	38.44 2.07 0.00	38.37 2.10 0.00	38.43 2.14 0.00	40.74 2.31 0.00	42.72 2.53 0.00	48.15 2.45 -0.31	51.09 2.31 -0.71	51.28 2.16 2.26	51.77 1.97 3.41	51.93 1.93 5.12	57.75 2.08 5.37	62.17 3.44 8.71	70.82 3.83 9.62	81.16 4.76 5.74	84.34 4.96 6.15	80.24 3.74 4.72	73.37 2.96 5.48	62.92 1.99 5.54	57.66 1.55 3.43	47.24 2.04 8.62
PLATSBURG_115KV_PMLD1 355749	45.33 -1.11 0.00	40.78 -1.13 0.00	36.28 -0.97 0.00	36.24 -1.01 0.00	35.31 -1.05 0.00	35.15 -1.12 0.00	35.16 -1.12 0.00	37.36 -1.08 0.00	39.10 -1.09 0.00	44.89 -0.50 0.00	47.25 -0.82 0.00	50.51 -0.87 0.00	52.31 -0.90 0.00	54.13 -0.99 0.00	59.89 -1.16 0.00	65.28 -2.16 0.00	74.47 -2.15 0.00	79.51 -2.63 0.00	82.37 -3.16 0.00	78.79 -2.44 0.00	73.92 -1.97 0.00	64.87 -1.60 0.00	58.42 -1.13 0.00	52.36 -1.45 0.00
PLEASANTVLY___LBMP 24000	48.72 2.28 0.00	43.97 2.05 0.00	39.07 1.83 0.00	38.96 1.71 0.00	38.11 1.75 0.00	38.08 1.81 0.00	38.03 1.74 0.00	40.28 1.84 0.00	42.12 1.93 0.00	47.41 1.68 -0.35	50.60 1.73 -0.81	54.30 1.54 -1.38	56.05 1.54 -1.30	57.42 1.49 -0.81	62.63 1.59 0.00	70.28 2.83 0.00	79.83 3.22 0.00	85.92 3.78 0.00	89.81 4.28 0.00	84.47 3.25 0.00	78.55 2.66 0.00	68.40 1.93 0.00	60.98 1.43 0.00	55.59 1.78 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	49.32 2.88 0.00	44.47 2.56 0.00	39.48 2.23 0.00	39.33 2.09 0.00	38.47 2.11 0.00	38.45 2.18 0.00	38.39 2.10 0.00	40.70 2.27 0.00	42.60 2.41 0.00	48.01 2.31 -0.31	51.20 2.40 -0.73	54.88 2.26 -1.24	56.61 2.23 -1.17	58.00 2.15 -0.73	63.43 2.38 0.00	71.22 3.78 0.00	80.83 4.21 0.00	87.07 4.93 0.00	91.01 5.47 0.00	85.53 4.30 0.00	79.46 3.57 0.00	69.06 2.59 0.00	61.57 2.02 0.00	56.13 2.31 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	49.32 2.88 0.00	44.47 2.56 0.00	39.48 2.23 0.00	39.33 2.09 0.00	38.47 2.11 0.00	38.45 2.18 0.00	38.39 2.10 0.00	40.70 2.27 0.00	42.60 2.41 0.00	48.01 2.31 -0.31	51.20 2.40 -0.73	54.88 2.26 -1.24	56.61 2.23 -1.17	58.00 2.15 -0.73	63.43 2.38 0.00	71.22 3.78 0.00	80.83 4.21 0.00	87.07 4.93 0.00	91.01 5.47 0.00	85.53 4.30 0.00	79.46 3.57 0.00	69.06 2.59 0.00	61.57 2.02 0.00	56.13 2.31 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	49.14 2.69 0.00	44.30 2.39 0.00	39.34 2.09 0.00	39.22 1.97 0.00	38.36 2.00 0.00	38.34 2.07 0.00	38.28 2.00 0.00	40.55 2.11 0.00	42.40 2.21 0.00	47.39 2.00 0.00	50.08 2.02 0.00	53.28 1.90 0.00	55.13 1.92 0.00	57.05 1.93 0.00	63.18 2.14 0.00	70.95 3.51 0.00	80.60 3.98 0.00	86.82 4.68 0.00	90.92 5.39 0.00	85.45 4.22 0.00	79.46 3.57 0.00	69.13 2.66 0.00	61.69 2.14 0.00	56.08 2.26 0.00
POLETTI_____ 23519	49.60 3.16 0.00	44.72 2.81 0.00	39.67 2.42 0.00	39.48 2.23 0.00	38.65 2.29 0.00	38.63 2.36 0.00	38.61 2.32 0.00	40.90 2.46 0.00	42.88 2.69 0.00	48.33 2.63 -0.31	51.43 2.64 -0.72	55.03 2.41 -1.23	56.71 2.34 -1.16	58.16 2.32 -0.72	63.49 2.44 0.00	71.35 3.91 0.00	80.90 4.29 0.00	87.07 4.93 0.00	90.92 5.39 0.00	85.37 4.14 0.00	79.31 3.42 0.00	68.86 2.39 0.00	61.57 2.02 0.00	56.24 2.42 0.00
POMONA___ESR 323819	49.28 2.83 0.00	44.30 2.39 0.00	39.37 2.12 0.00	39.29 2.05 0.00	38.40 2.04 0.00	38.37 2.10 0.00	38.35 2.07 0.00	40.63 2.19 0.00	42.56 2.37 0.00	47.95 2.27 -0.29	50.95 2.21 -0.67	54.69 2.16 -1.15	56.42 2.13 -1.08	58.00 2.21 -0.67	63.49 2.44 0.00	71.22 3.77 0.00	80.82 4.21 0.00	87.32 5.18 0.00	91.09 5.56 0.00	85.61 4.38 0.00	79.46 3.57 0.00	69.13 2.66 0.00	61.58 2.03 0.00	56.18 2.37 0.00
PORT_JEFF_3 23555	50.44 3.99 0.00	45.44 3.52 0.00	40.53 3.28 0.00	39.96 2.72 0.00	38.95 2.58 0.00	39.14 2.86 0.00	38.75 2.47 0.00	41.01 2.58 0.00	43.44 3.25 0.00	48.97 3.27 -0.31	51.57 2.79 -0.72	54.21 1.59 -1.23	55.69 1.33 -1.15	57.17 1.43 -0.62	61.82 1.22 0.45	70.14 2.70 0.00	79.06 2.68 0.24	86.32 4.19 0.00	89.89 4.36 0.00	83.57 2.36 0.01	74.27 1.37 2.99	67.18 1.06 0.35	57.45 0.66 2.76	54.95 1.13 0.00
PORT_JEFF_4 23616	50.44 3.99 0.00	45.44 3.52 0.00	40.53 3.28 0.00	39.96 2.72 0.00	38.95 2.58 0.00	39.14 2.86 0.00	38.75 2.47 0.00	41.01 2.58 0.00	43.44 3.25 0.00	48.97 3.27 -0.31	51.57 2.79 -0.72	54.21 1.59 -1.23	55.69 1.33 -1.15	57.17 1.43 -0.62	61.82 1.22 0.45	70.14 2.70 0.00	79.06 2.68 0.24	86.32 4.19 0.00	89.89 4.36 0.00	83.57 2.36 0.01	74.27 1.37 2.99	67.18 1.06 0.35	57.45 0.66 2.76	54.95 1.13 0.00

PORT_JEFF_IC 23713	50.53 4.09 0.00	45.81 3.90 0.00	40.68 3.43 0.00	40.00 2.76 0.00	39.02 2.65 0.00	39.25 2.97 0.00	39.04 2.76 0.00	41.09 2.65 0.00	43.52 3.34 0.00	49.06 3.36 -0.31	52.15 3.36 -0.72	54.92 2.31 -1.23	56.33 1.97 -1.15	57.36 1.65 -0.59	61.92 1.47 0.59	70.68 3.24 0.00	79.14 2.83 0.31	86.08 3.94 0.00	89.98 4.45 0.00	83.49 2.27 0.01	74.28 1.37 2.98	67.34 1.33 0.46	57.66 0.89 2.78	56.08 2.26 0.00
PPL PILGRIM_ST_GT1 24216	50.81 4.36 0.00	45.73 3.81 0.00	40.75 3.50 0.00	40.26 3.02 0.00	39.24 2.87 0.00	39.39 3.12 0.00	39.04 2.76 0.00	41.32 2.88 0.00	43.72 3.54 0.00	49.33 3.63 -0.31	51.96 3.17 -0.72	54.56 1.95 -1.23	56.01 1.65 -1.15	57.48 1.76 -0.60	62.32 1.83 0.55	70.68 3.24 0.00	79.61 3.29 0.29	86.65 4.51 0.00	90.32 4.79 0.00	83.98 2.76 0.01	75.31 2.36 2.93	67.97 1.93 0.43	57.96 1.13 2.72	55.38 1.56 0.00
PPL PILGRIM_ST_GT2 24217	50.81 4.36 0.00	45.73 3.81 0.00	40.75 3.50 0.00	40.26 3.02 0.00	39.24 2.87 0.00	39.39 3.12 0.00	39.04 2.76 0.00	41.32 2.88 0.00	43.72 3.54 0.00	49.33 3.63 -0.31	51.96 3.17 -0.72	54.56 1.95 -1.23	56.01 1.65 -1.15	57.48 1.76 -0.60	62.32 1.83 0.55	70.68 3.24 0.00	79.61 3.29 0.29	86.65 4.51 0.00	90.32 4.79 0.00	83.98 2.76 0.01	75.31 2.36 2.93	67.97 1.93 0.43	57.96 1.13 2.72	55.38 1.56 0.00
PPL_SHRM_GT3 24213	50.20 3.76 0.00	45.19 3.27 0.00	40.45 3.20 0.00	39.70 2.46 0.00	38.66 2.29 0.00	39.03 2.76 0.00	38.50 2.21 0.00	40.70 2.27 0.00	43.12 2.93 0.00	48.65 2.95 -0.31	51.29 2.50 -0.72	53.94 1.33 -1.23	55.48 1.12 -1.15	57.00 1.27 -0.61	61.79 1.22 0.48	70.27 2.83 0.00	79.58 3.22 0.25	86.98 4.85 0.00	90.75 5.22 0.00	84.22 3.01 0.01	74.73 1.82 2.98	67.30 1.20 0.37	57.27 0.47 2.76	54.62 0.81 0.00
PPL_SHRM_GT4 24214	50.20 3.76 0.00	45.19 3.27 0.00	40.45 3.20 0.00	39.70 2.46 0.00	38.66 2.29 0.00	39.03 2.76 0.00	38.50 2.21 0.00	40.70 2.27 0.00	43.12 2.93 0.00	48.65 2.95 -0.31	51.29 2.50 -0.72	53.94 1.33 -1.23	55.48 1.12 -1.15	57.00 1.27 -0.61	61.79 1.22 0.48	70.27 2.83 0.00	79.58 3.22 0.25	86.98 4.85 0.00	90.75 5.22 0.00	84.22 3.01 0.01	74.73 1.82 2.98	67.30 1.20 0.37	57.27 0.47 2.76	54.62 0.81 0.00
PROJECT___ORANGE 1 24174	46.54 0.09 0.00	42.01 0.08 -0.01	37.29 0.04 0.00	37.17 -0.07 0.00	36.25 -0.11 0.00	36.09 -0.18 0.00	36.14 -0.15 0.00	38.32 -0.12 0.00	40.35 0.16 0.00	45.34 -0.05 0.00	48.16 0.10 0.00	51.64 0.26 0.00	53.53 0.32 0.00	55.62 0.50 0.00	61.53 0.49 0.00	68.05 0.61 0.00	77.23 0.61 0.00	83.12 0.99 0.00	87.07 1.54 0.00	82.28 1.06 0.00	76.57 0.68 0.00	66.93 0.47 0.00	59.89 0.24 -0.11	54.40 0.48 -0.10
PROJECT___ORANGE 2 24166	46.54 0.09 0.00	42.01 0.08 -0.01	37.29 0.04 0.00	37.17 -0.07 0.00	36.25 -0.11 0.00	36.09 -0.18 0.00	36.14 -0.15 0.00	38.32 -0.12 0.00	40.35 0.16 0.00	45.34 -0.05 0.00	48.16 0.10 0.00	51.64 0.26 0.00	53.53 0.32 0.00	55.62 0.50 0.00	61.53 0.49 0.00	68.05 0.61 0.00	77.23 0.61 0.00	83.12 0.99 0.00	87.07 1.54 0.00	82.28 1.06 0.00	76.57 0.68 0.00	66.93 0.47 0.00	59.89 0.24 -0.11	54.40 0.48 -0.10
PUCKETT___SOLAR 323809	48.35 1.90 0.00	43.84 1.93 0.00	38.81 1.56 0.00	38.58 1.34 0.00	37.75 1.38 0.00	37.57 1.30 0.00	37.66 1.38 0.00	39.93 1.50 0.00	41.91 1.73 0.00	46.98 1.59 0.00	49.75 1.68 0.00	53.33 1.95 0.00	55.34 2.13 0.00	57.49 2.37 0.00	63.42 2.38 0.00	70.48 3.04 0.00	80.14 3.53 0.00	86.57 4.43 0.00	91.09 5.56 0.00	86.10 4.87 0.00	80.06 4.17 0.00	69.99 3.52 0.00	62.35 2.80 0.00	56.72 2.90 0.00
PYRITES___HYD 24023	47.00 0.56 0.00	42.29 0.38 0.00	37.58 0.34 0.00	37.54 0.30 0.00	36.58 0.22 0.00	36.52 0.25 0.00	36.50 0.22 0.00	38.59 0.15 0.00	40.03 -0.16 0.00	45.93 0.54 0.00	48.40 0.34 0.00	51.79 0.41 0.00	53.58 0.37 0.00	55.40 0.28 0.00	61.35 0.31 0.00	66.97 -0.47 0.00	76.46 -0.15 0.00	81.89 -0.25 0.00	85.11 -0.43 0.00	82.36 1.14 0.00	77.41 1.52 0.00	68.20 1.73 0.00	61.16 1.61 0.00	54.84 1.02 0.00
QUAKERRD_115KV_BK1 80622	46.30 -0.14 0.00	42.04 0.13 0.00	37.25 0.00 0.00	36.76 -0.48 0.00	35.89 -0.47 0.00	35.69 -0.58 0.00	35.85 -0.44 0.00	38.24 -0.19 0.00	40.95 0.76 0.00	45.84 0.45 0.00	48.98 0.91 0.00	52.82 1.44 0.00	54.81 1.60 0.00	56.61 1.49 0.00	62.39 1.34 0.00	68.52 1.08 0.00	77.69 1.07 0.00	83.62 1.48 0.00	88.10 2.57 0.00	83.17 1.95 0.00	77.41 1.52 0.00	67.60 1.13 0.00	60.38 0.83 0.00	55.43 1.61 0.00
QUENSBRY_115KV_TB8 356137	49.56 3.11 0.00	44.72 2.81 0.00	39.75 2.50 0.00	39.74 2.50 0.00	38.76 2.40 0.00	38.66 2.39 0.00	38.61 2.32 0.00	40.70 2.27 0.00	42.68 2.49 0.00	47.21 2.09 0.27	49.12 1.68 0.62	52.02 1.70 1.06	53.86 1.65 1.00	56.37 1.87 0.62	63.24 2.20 0.00	70.82 3.37 0.00	80.83 4.21 0.00	87.56 5.42 0.00	92.72 7.18 0.00	87.88 6.66 0.00	82.19 6.30 0.00	71.52 5.05 0.00	63.66 4.11 0.00	57.37 3.55 0.00
RAMAPO___LBMP 323565	49.04 2.60 0.00	44.22 2.31 0.00	39.26 2.01 0.00	39.14 1.90 0.00	38.29 1.93 0.00	38.27 1.99 0.00	38.21 1.92 0.00	40.47 2.04 0.00	42.40 2.21 0.00	47.71 2.04 -0.28	50.84 2.11 -0.66	54.52 2.00 -1.13	56.24 1.97 -1.07	57.71 1.93 -0.66	63.18 2.14 0.00	70.88 3.44 0.00	80.44 3.83 0.00	86.57 4.44 0.00	90.49 4.96 0.00	85.04 3.82 0.00	79.08 3.19 0.00	68.80 2.33 0.00	61.40 1.85 0.00	55.97 2.15 0.00
RANKINE____ 23646	46.77 0.33 0.00	42.96 1.05 0.00	38.03 0.78 0.00	37.06 -0.19 0.00	36.44 0.07 0.00	36.02 -0.25 0.00	36.47 0.18 0.00	39.17 0.73 0.00	42.60 2.41 0.00	47.16 1.77 0.00	50.28 2.21 0.00	54.41 3.03 0.00	56.46 3.25 0.00	58.32 3.20 0.00	63.73 2.69 0.00	69.80 2.36 0.00	79.07 2.45 0.00	85.34 3.20 0.00	90.32 4.79 0.00	85.53 4.30 0.00	79.61 3.72 0.00	69.26 2.79 0.00	61.99 2.44 0.00	57.80 3.98 0.00
RAVENSWOOD_GT2_1 24244	49.65 3.20 0.00	44.77 2.85 0.00	39.75 2.50 0.00	39.55 2.31 0.00	38.69 2.33 0.00	38.66 2.39 0.00	38.64 2.36 0.00	40.94 2.50 0.00	42.92 2.73 0.00	48.37 2.68 -0.31	51.48 2.69 -0.72	55.08 2.47 -1.23	56.82 2.45 -1.16	58.21 2.37 -0.72	63.55 2.50 0.00	71.42 3.98 0.00	80.98 4.37 0.00	87.15 5.01 0.00	91.09 5.56 0.00	85.53 4.30 0.00	79.46 3.57 0.00	69.00 2.53 0.00	61.63 2.08 0.00	56.29 2.48 0.00
RAVENSWOOD_GT2_2 24245	49.65 3.20 0.00	44.77 2.85 0.00	39.75 2.50 0.00	39.55 2.31 0.00	38.69 2.33 0.00	38.66 2.39 0.00	38.64 2.36 0.00	40.94 2.50 0.00	42.92 2.73 0.00	48.37 2.68 -0.31	51.48 2.69 -0.72	55.08 2.47 -1.23	56.82 2.45 -1.16	58.21 2.37 -0.72	63.55 2.50 0.00	71.42 3.98 0.00	80.98 4.37 0.00	87.15 5.01 0.00	91.09 5.56 0.00	85.53 4.30 0.00	79.46 3.57 0.00	69.00 2.53 0.00	61.63 2.08 0.00	56.29 2.48 0.00

RAVENSWOOD_GT2_3 24246	49.69 3.25 0.00	44.81 2.89 0.00	39.75 2.50 0.00	39.55 2.31 0.00	38.73 2.36 0.00	38.70 2.43 0.00	38.68 2.39 0.00	40.97 2.54 0.00	42.96 2.77 0.00	48.37 2.68 -0.31	51.53 2.74 -0.72	55.13 2.52 -1.23	56.82 2.45 -1.16	58.27 2.43 -0.72	63.61 2.56 0.00	71.49 4.05 0.00	81.06 4.44 0.00	87.23 5.09 0.00	91.18 5.65 0.00	85.61 4.39 0.00	79.53 3.64 0.00	69.00 2.53 0.00	61.69 2.14 0.00	56.35 2.53 0.00
RAVENSWOOD_GT2_4 24247	49.69 3.25 0.00	44.81 2.89 0.00	39.75 2.50 0.00	39.55 2.31 0.00	38.73 2.36 0.00	38.70 2.43 0.00	38.68 2.39 0.00	40.97 2.54 0.00	42.96 2.77 0.00	48.37 2.68 -0.31	51.53 2.74 -0.72	55.13 2.52 -1.23	56.82 2.45 -1.16	58.27 2.43 -0.72	63.61 2.56 0.00	71.49 4.05 0.00	81.06 4.44 0.00	87.23 5.09 0.00	91.18 5.65 0.00	85.61 4.39 0.00	79.53 3.64 0.00	69.00 2.53 0.00	61.69 2.14 0.00	56.35 2.53 0.00
RAVENSWOOD_GT3_1 24248	49.65 3.20 0.00	44.77 2.85 0.00	39.75 2.50 0.00	39.55 2.31 0.00	38.69 2.33 0.00	38.66 2.39 0.00	38.64 2.36 0.00	40.94 2.50 0.00	42.92 2.73 0.00	48.37 2.68 -0.31	51.48 2.69 -0.72	55.08 2.47 -1.23	56.82 2.45 -1.16	58.21 2.37 -0.72	63.55 2.50 0.00	71.42 3.98 0.00	81.06 4.44 0.00	87.15 5.01 0.00	91.09 5.56 0.00	85.53 4.30 0.00	79.46 3.57 0.00	69.00 2.53 0.00	61.63 2.08 0.00	56.29 2.48 0.00
RAVENSWOOD_GT3_2 24249	49.65 3.20 0.00	44.77 2.85 0.00	39.75 2.50 0.00	39.55 2.31 0.00	38.69 2.33 0.00	38.66 2.39 0.00	38.64 2.36 0.00	40.94 2.50 0.00	42.92 2.73 0.00	48.37 2.68 -0.31	51.48 2.69 -0.72	55.08 2.47 -1.23	56.82 2.45 -1.16	58.21 2.37 -0.72	63.55 2.50 0.00	71.42 3.98 0.00	81.06 4.44 0.00	87.15 5.01 0.00	91.09 5.56 0.00	85.53 4.30 0.00	79.46 3.57 0.00	69.00 2.53 0.00	61.63 2.08 0.00	56.29 2.48 0.00
RAVENSWOOD_GT3_3 24250	49.74 3.30 0.00	44.85 2.93 0.00	39.78 2.53 0.00	39.59 2.35 0.00	38.76 2.40 0.00	38.74 2.47 0.00	38.72 2.43 0.00	41.01 2.58 0.00	43.00 2.81 0.00	48.47 2.77 -0.31	51.58 2.79 -0.72	55.18 2.57 -1.23	56.92 2.55 -1.16	58.32 2.48 -0.72	63.67 2.62 0.00	71.56 4.11 0.00	81.21 4.60 0.00	87.31 5.17 0.00	91.26 5.73 0.00	85.69 4.47 0.00	79.61 3.72 0.00	69.13 2.66 0.00	61.75 2.20 0.00	56.40 2.58 0.00
RAVENSWOOD_GT3_4 24251	49.74 3.30 0.00	44.85 2.93 0.00	39.78 2.53 0.00	39.59 2.35 0.00	38.76 2.40 0.00	38.74 2.47 0.00	38.72 2.43 0.00	41.01 2.58 0.00	43.00 2.81 0.00	48.47 2.77 -0.31	51.58 2.79 -0.72	55.18 2.57 -1.23	56.92 2.55 -1.16	58.32 2.48 -0.72	63.67 2.62 0.00	71.56 4.11 0.00	81.21 4.60 0.00	87.31 5.17 0.00	91.26 5.73 0.00	85.69 4.47 0.00	79.61 3.72 0.00	69.13 2.66 0.00	61.75 2.20 0.00	56.40 2.58 0.00
RAVENSWOOD_GT_1 23729	49.88 3.44 0.00	44.93 3.02 0.00	39.90 2.64 0.00	39.70 2.46 0.00	38.87 2.51 0.00	38.81 2.54 0.00	38.79 2.50 0.00	41.01 2.58 0.00	42.92 2.73 0.00	48.37 2.68 -0.31	51.43 2.64 -0.72	54.97 2.36 -1.23	56.66 2.29 -1.16	58.10 2.26 -0.72	63.36 2.32 0.01	71.21 3.78 0.01	80.74 4.14 0.01	86.90 4.76 0.01	90.83 5.30 0.01	85.28 4.06 0.01	79.15 3.26 0.01	68.72 2.26 0.01	61.45 1.91 0.00	56.35 2.53 0.00
RAVENSWOOD_GT_10 24258	49.65 3.20 0.00	44.77 2.85 0.00	39.71 2.46 0.00	39.55 2.31 0.00	38.69 2.33 0.00	38.66 2.39 0.00	38.64 2.36 0.00	40.94 2.50 0.00	42.92 2.73 0.00	48.37 2.68 -0.31	51.53 2.74 -0.72	55.08 2.47 -1.23	56.82 2.45 -1.16	58.21 2.37 -0.72	63.55 2.50 0.00	71.42 3.98 0.00	81.06 4.44 0.00	87.23 5.09 0.00	91.09 5.56 0.00	85.53 4.30 0.00	79.46 3.57 0.00	68.99 2.53 0.00	61.69 2.14 0.00	56.35 2.53 0.00
RAVENSWOOD_GT_11 24259	49.65 3.20 0.00	44.77 2.85 0.00	39.71 2.46 0.00	39.55 2.31 0.00	38.69 2.33 0.00	38.66 2.39 0.00	38.64 2.36 0.00	40.94 2.50 0.00	42.92 2.73 0.00	48.37 2.68 -0.31	51.53 2.74 -0.72	55.08 2.47 -1.23	56.82 2.45 -1.16	58.21 2.37 -0.72	63.55 2.50 0.00	71.42 3.98 0.00	81.06 4.44 0.00	87.23 5.09 0.00	91.09 5.56 0.00	85.53 4.30 0.00	79.46 3.57 0.00	68.99 2.53 0.00	61.69 2.14 0.00	56.35 2.53 0.00
RAVENSWOOD_GT_4 24252	49.65 3.20 0.00	44.77 2.85 0.00	39.71 2.46 0.00	39.51 2.27 0.00	38.69 2.33 0.00	38.66 2.39 0.00	38.64 2.36 0.00	40.94 2.50 0.00	42.96 2.77 0.00	48.37 2.68 -0.31	51.53 2.74 -0.72	55.13 2.52 -1.23	56.87 2.50 -1.16	58.27 2.43 -0.72	63.67 2.62 0.01	71.55 4.11 0.01	81.13 4.52 0.01	87.31 5.17 0.01	91.17 5.65 0.01	85.60 4.39 0.01	79.53 3.64 0.01	69.06 2.59 0.01	61.75 2.20 0.00	56.35 2.53 0.00
RAVENSWOOD_GT_5 24254	49.65 3.20 0.00	44.77 2.85 0.00	39.71 2.46 0.00	39.51 2.27 0.00	38.69 2.33 0.00	38.66 2.39 0.00	38.64 2.36 0.00	40.94 2.50 0.00	42.96 2.77 0.00	48.37 2.68 -0.31	51.53 2.74 -0.72	55.13 2.52 -1.23	56.87 2.50 -1.16	58.27 2.43 -0.72	63.67 2.62 0.01	71.55 4.11 0.01	81.13 4.52 0.01	87.31 5.17 0.01	91.17 5.65 0.01	85.60 4.39 0.01	79.53 3.64 0.01	69.06 2.59 0.01	61.75 2.20 0.00	56.35 2.53 0.00
RAVENSWOOD_GT_6 24253	49.65 3.20 0.00	44.77 2.85 0.00	39.71 2.46 0.00	39.51 2.27 0.00	38.69 2.33 0.00	38.66 2.39 0.00	38.64 2.36 0.00	40.94 2.50 0.00	42.96 2.77 0.00	48.37 2.68 -0.31	51.53 2.74 -0.72	55.13 2.52 -1.23	56.87 2.50 -1.16	58.27 2.43 -0.72	63.67 2.62 0.01	71.55 4.11 0.01	81.13 4.52 0.01	87.31 5.17 0.01	91.17 5.65 0.01	85.60 4.39 0.01	79.53 3.64 0.01	69.06 2.59 0.01	61.75 2.20 0.00	56.35 2.53 0.00
RAVENSWOOD_GT_7 24255	49.65 3.20 0.00	44.77 2.85 0.00	39.71 2.46 0.00	39.51 2.27 0.00	38.69 2.33 0.00	38.66 2.39 0.00	38.64 2.36 0.00	40.94 2.50 0.00	42.96 2.77 0.00	48.37 2.68 -0.31	51.53 2.74 -0.72	55.13 2.52 -1.23	56.87 2.50 -1.16	58.27 2.43 -0.72	63.67 2.62 0.01	71.55 4.11 0.01	81.13 4.52 0.01	87.31 5.17 0.01	91.17 5.65 0.01	85.60 4.39 0.01	79.53 3.64 0.01	69.06 2.59 0.01	61.75 2.20 0.00	56.35 2.53 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	49.65 3.20 0.00	44.77 2.85 0.00	39.71 2.46 0.00	39.55 2.31 0.00	38.69 2.33 0.00	38.66 2.39 0.00	38.64 2.36 0.00	40.94 2.50 0.00	42.92 2.73 0.00	48.37 2.68 -0.31	51.53 2.74 -0.72	55.08 2.47 -1.23	56.82 2.45 -1.16	58.21 2.37 -0.72	63.55 2.50 0.00	71.42 3.98 0.00	81.06 4.44 0.00	87.23 5.09 0.00	91.09 5.56 0.00	85.53 4.30 0.00	79.46 3.57 0.00	68.99 2.53 0.00	61.69 2.14 0.00	56.35 2.53 0.00
RAVENSWOOD_GT_9 24257	49.65 3.20 0.00	44.77 2.85 0.00	39.71 2.46 0.00	39.55 2.31 0.00	38.69 2.33 0.00	38.66 2.39 0.00	38.64 2.36 0.00	40.94 2.50 0.00	42.92 2.73 0.00	48.37 2.68 -0.31	51.53 2.74 -0.72	55.08 2.47 -1.23	56.82 2.45 -1.16	58.21 2.37 -0.72	63.55 2.50 0.00	71.42 3.98 0.00	81.06 4.44 0.00	87.23 5.09 0.00	91.09 5.56 0.00	85.53 4.30 0.00	79.46 3.57 0.00	68.99 2.53 0.00	61.69 2.14 0.00	56.35 2.53 0.00

RAVENSWOOD___1 23533	49.83 3.39 0.00	44.77 2.85 0.00	39.78 2.53 0.00	39.66 2.42 0.00	38.80 2.44 0.00	38.74 2.47 0.00	38.72 2.43 0.00	40.97 2.54 0.00	42.84 2.65 0.00	48.33 2.63 -0.31	51.24 2.45 -0.72	54.92 2.31 -1.23	56.55 2.18 -1.16	58.05 2.21 -0.72	63.30 2.26 0.01	71.14 3.71 0.01	80.74 4.13 0.01	87.23 5.09 0.01	90.83 5.30 0.01	85.27 4.06 0.01	79.14 3.26 0.01	68.65 2.19 0.01	61.33 1.78 0.00	56.29 2.48 0.00
RAVENSWOOD___2 23534	49.74 3.30 0.00	44.68 2.77 0.00	39.71 2.46 0.00	39.59 2.35 0.00	38.73 2.36 0.00	38.63 2.36 0.00	38.64 2.36 0.00	40.86 2.42 0.00	42.76 2.57 0.00	48.24 2.54 -0.31	51.14 2.35 -0.72	54.82 2.21 -1.23	56.44 2.07 -1.16	57.77 1.93 -0.72	62.74 1.71 0.01	70.54 3.10 0.01	80.06 3.45 0.01	86.48 4.35 0.01	90.06 4.53 0.01	84.55 3.33 0.01	78.38 2.50 0.01	68.05 1.59 0.01	60.92 1.37 0.00	56.18 2.37 0.00
RAVENSWOOD___3 23535	49.65 3.20 0.00	44.64 2.72 0.00	39.64 2.39 0.00	39.55 2.31 0.00	38.66 2.29 0.00	38.63 2.36 0.00	38.64 2.36 0.00	40.93 2.50 0.00	42.92 2.73 0.00	48.37 2.68 -0.31	51.38 2.59 -0.72	55.08 2.47 -1.23	56.71 2.34 -1.16	58.21 2.37 -0.72	63.55 2.50 0.00	71.42 3.98 0.00	81.06 4.44 0.00	87.56 5.42 0.00	91.18 5.64 0.00	85.61 4.38 0.00	79.46 3.57 0.00	68.99 2.53 0.00	61.58 2.03 0.00	56.29 2.48 0.00
RAVENSWOOD___4 23820	49.79 3.35 0.00	44.77 2.85 0.00	39.74 2.50 0.00	39.66 2.42 0.00	38.76 2.40 0.00	38.70 2.43 0.00	38.68 2.39 0.00	40.93 2.50 0.00	42.84 2.65 0.00	48.28 2.59 -0.31	51.24 2.45 -0.72	54.87 2.26 -1.23	56.50 2.13 -1.16	57.99 2.15 -0.72	63.23 2.19 0.01	71.07 3.64 0.01	80.66 4.06 0.01	87.14 5.01 0.01	90.74 5.22 0.01	85.27 4.06 0.01	79.07 3.19 0.01	68.65 2.19 0.01	61.28 1.73 0.00	56.29 2.48 0.00
RCPL_TRUST___DRP 24196	49.69 3.25 0.00	44.81 2.89 0.00	39.75 2.50 0.00	39.55 2.31 0.00	38.73 2.36 0.00	38.70 2.43 0.00	38.68 2.39 0.00	40.97 2.54 0.00	43.00 2.81 0.00	48.42 2.72 -0.31	51.58 2.79 -0.72	55.18 2.57 -1.23	56.92 2.55 -1.16	58.38 2.54 -0.72	63.73 2.69 0.00	71.56 4.11 0.00	81.21 4.60 0.00	87.31 5.17 0.00	91.26 5.73 0.00	85.69 4.47 0.00	79.61 3.72 0.00	69.06 2.59 0.00	61.75 2.20 0.00	56.40 2.58 0.00
RED___ROCHESTER 323720	47.74 1.30 0.00	43.84 1.93 0.00	38.74 1.49 0.00	37.84 0.59 0.00	37.02 0.66 0.00	36.74 0.47 0.00	36.90 0.62 0.00	39.40 0.96 0.00	42.48 2.29 0.00	47.43 2.04 0.00	50.90 2.84 0.00	54.98 3.60 0.00	57.20 3.99 0.00	58.81 3.69 0.00	64.77 3.72 0.00	70.95 3.50 0.00	80.37 3.75 0.00	86.49 4.35 0.00	91.35 5.82 0.00	86.18 4.96 0.00	80.22 4.32 0.00	70.12 3.65 0.00	62.82 3.27 0.00	57.58 3.77 0.00
REGAN___SOLAR 323812	51.23 4.78 0.00	46.19 4.28 0.00	40.97 3.72 0.00	40.97 3.72 0.00	40.00 3.64 0.00	39.86 3.59 0.00	39.77 3.48 0.00	41.82 3.38 0.00	43.72 3.54 0.00	48.52 3.31 0.18	50.86 3.22 0.43	53.99 3.34 0.73	55.88 3.35 0.68	58.45 3.75 0.43	65.38 4.33 0.00	73.11 5.67 0.00	83.51 6.90 0.00	90.76 8.62 0.00	95.79 10.26 0.00	91.05 9.82 0.00	84.99 9.10 0.00	74.04 7.57 0.00	65.98 6.43 0.00	59.52 5.70 0.00
RENSSELAER___COGEN 23796	46.86 0.42 0.00	42.21 0.30 0.00	37.62 0.37 0.00	37.76 0.52 0.00	36.94 0.58 0.00	36.89 0.62 0.00	36.83 0.55 0.00	38.90 0.46 0.00	40.51 0.32 0.00	44.92 -0.23 0.24	47.17 -0.33 0.56	49.96 -0.46 0.95	51.73 -0.58 0.90	54.06 -0.50 0.56	60.56 -0.49 0.00	67.65 0.20 0.00	76.92 0.31 0.00	82.96 0.82 0.00	86.64 1.11 0.00	81.87 0.65 0.00	76.20 0.30 0.00	66.54 0.07 0.00	59.31 -0.24 0.00	53.82 0.00 0.00
REPUBLIC_115KV_BARTNBRK 55605	52.43 5.99 0.00	47.28 5.37 0.00	41.94 4.69 0.00	41.90 4.66 0.00	40.84 4.47 0.00	40.70 4.43 0.00	40.57 4.28 0.00	42.67 4.23 0.00	45.05 4.86 0.00	49.75 4.63 0.27	51.71 4.28 0.63	54.88 4.57 1.08	56.77 4.58 1.02	59.62 5.13 0.63	66.66 5.62 0.00	74.86 7.42 0.00	85.58 8.96 0.00	93.06 10.92 0.00	98.96 13.43 0.00	94.06 12.83 0.00	88.03 12.14 0.00	76.44 9.97 0.00	67.95 8.40 0.00	61.03 7.21 0.00
REVERE_CPPR_DRP 24186	48.63 2.18 0.00	43.80 1.89 0.00	38.81 1.56 0.00	38.73 1.49 0.00	37.75 1.38 0.00	37.76 1.49 0.00	37.81 1.52 0.00	40.01 1.58 0.00	41.75 1.57 0.00	47.07 1.68 0.00	49.80 1.73 0.00	53.33 1.95 0.00	55.39 2.18 0.00	57.60 2.48 0.00	63.67 2.62 0.00	70.75 3.30 0.00	80.52 3.91 0.00	86.82 4.68 0.00	91.35 5.82 0.00	86.42 5.20 0.00	80.37 4.48 0.00	70.39 3.92 0.00	62.59 3.04 0.00	56.83 3.01 0.00
REYNLDPA_13_KV_LD 356490	45.89 -0.56 0.00	41.37 -0.54 0.00	36.80 -0.45 0.00	36.83 -0.41 0.00	35.89 -0.47 0.00	35.80 -0.47 0.00	35.78 -0.51 0.00	37.94 -0.50 0.00	39.58 -0.60 0.00	45.34 -0.05 0.00	47.97 -0.10 0.00	51.28 -0.10 0.00	53.10 -0.11 0.00	54.96 -0.17 0.00	60.92 -0.12 0.00	66.50 -0.94 0.00	75.62 -1.00 0.00	80.66 -1.48 0.00	83.39 -2.14 0.00	79.92 -1.30 0.00	75.06 -0.83 0.00	65.94 -0.53 0.00	59.43 -0.12 0.00	53.33 -0.48 0.00
REYNOLDS_115KV_TB3 80639	47.37 0.93 0.00	42.75 0.84 0.00	38.11 0.86 0.00	38.14 0.89 0.00	37.31 0.95 0.00	37.21 0.94 0.00	37.16 0.87 0.00	39.28 0.85 0.00	40.91 0.72 0.00	45.33 0.23 0.29	47.58 0.19 0.68	50.28 0.05 1.15	52.12 0.00 1.09	54.50 0.06 0.68	61.17 0.12 0.00	68.32 0.88 0.00	77.69 1.07 0.00	83.70 1.56 0.00	87.50 1.97 0.00	82.77 1.54 0.00	77.03 1.14 0.00	67.27 0.80 0.00	59.97 0.42 0.00	54.35 0.54 0.00
RIVERBAY____ 323610	50.82 4.37 -0.01	45.82 3.90 -0.01	40.68 3.43 -0.01	40.45 3.20 -0.01	39.61 3.24 -0.01	39.51 3.23 -0.01	39.44 3.16 0.00	41.55 3.11 0.00	43.40 3.21 0.00	48.92 3.22 -0.31	52.01 3.22 -0.72	55.59 2.98 -1.23	57.24 2.87 -1.16	58.82 2.98 -0.72	64.27 3.24 0.01	72.36 4.92 0.01	82.12 5.52 0.01	88.37 6.24 0.01	92.28 6.76 0.01	86.66 5.44 0.01	80.51 4.63 0.01	69.85 3.39 0.01	62.53 2.98 0.00	57.32 3.50 -0.01
RIVERSDE_115KV_TB3 55908	47.23 0.79 0.00	42.63 0.71 0.00	37.99 0.74 0.00	38.02 0.78 0.00	37.20 0.84 0.00	37.14 0.87 0.00	37.08 0.80 0.00	39.17 0.73 0.00	40.83 0.64 0.00	45.26 0.14 0.27	47.49 0.05 0.62	50.22 -0.10 1.06	52.11 -0.11 1.00	54.39 -0.11 0.62	61.05 0.00 0.00	68.18 0.74 0.00	77.53 0.92 0.00	83.54 1.40 0.00	87.33 1.80 0.00	82.52 1.30 0.00	76.88 0.99 0.00	67.13 0.66 0.00	59.85 0.30 0.00	54.25 0.43 0.00
ROARING___BROOK_WT_PWR 323790	45.56 -0.88 0.00	41.03 -0.88 0.00	36.43 -0.82 0.00	36.46 -0.78 0.00	35.60 -0.77 0.00	35.51 -0.76 0.00	35.56 -0.73 0.00	37.75 -0.69 0.00	39.54 -0.64 0.00	44.85 -0.54 0.00	47.54 -0.53 0.00	50.82 -0.56 0.00	52.57 -0.64 0.00	54.46 -0.66 0.00	60.38 -0.67 0.00	66.64 -0.81 0.00	75.70 -0.92 0.00	81.16 -0.98 0.00	84.42 -1.11 0.00	80.33 -0.89 0.00	74.98 -0.91 0.00	65.68 -0.79 0.00	58.84 -0.71 0.00	53.11 -0.70 0.00

ROCHESRG_115KV_T4 355643	47.05 0.60 0.00	42.84 0.92 0.00	37.96 0.71 0.00	37.35 0.11 0.00	36.51 0.15 0.00	36.27 0.00 0.00	36.47 0.18 0.00	38.90 0.46 0.00	41.79 1.61 0.00	46.66 1.27 0.00	49.84 1.78 0.00	53.85 2.47 0.00	55.82 2.61 0.00	57.66 2.54 0.00	63.49 2.44 0.00	69.60 2.16 0.00	78.91 2.30 0.00	84.93 2.79 0.00	89.64 4.11 0.00	84.72 3.49 0.00	78.85 2.96 0.00	68.86 2.39 0.00	61.45 1.91 0.00	56.67 2.85 0.00
ROCHESTER_9_IC 23652	47.42 0.98 0.00	43.13 1.22 0.00	38.18 0.93 0.00	37.58 0.34 0.00	36.73 0.36 0.00	36.49 0.22 0.00	36.68 0.40 0.00	39.17 0.73 0.00	42.12 1.93 0.00	47.02 1.63 0.00	50.33 2.26 0.00	54.36 2.98 0.00	56.40 3.19 0.00	58.26 3.14 0.00	64.16 3.11 0.00	70.28 2.83 0.00	79.68 3.06 0.00	85.75 3.61 0.00	90.49 4.96 0.00	85.45 4.22 0.00	79.53 3.64 0.00	69.53 3.06 0.00	62.05 2.50 0.00	57.15 3.34 0.00
ROCKVIEW_13_KV_LD 356306	49.65 3.20 0.00	44.77 2.85 0.00	39.71 2.46 0.00	39.55 2.31 0.00	38.69 2.33 0.00	38.66 2.39 0.00	38.61 2.32 0.00	40.94 2.50 0.00	42.92 2.73 0.00	48.33 2.63 -0.31	51.58 2.79 -0.72	55.23 2.62 -1.23	56.98 2.61 -1.16	58.38 2.54 -0.72	63.85 2.81 0.00	71.76 4.32 0.00	81.36 4.75 0.00	87.64 5.50 0.00	91.61 6.07 0.00	86.02 4.79 0.00	79.91 4.02 0.00	69.39 2.92 0.00	61.93 2.38 0.00	56.45 2.64 0.00
ROME____115KV_TB2 80656	48.63 2.18 0.00	43.80 1.89 0.00	38.81 1.56 0.00	38.73 1.49 0.00	37.75 1.38 0.00	37.76 1.49 0.00	37.81 1.52 0.00	40.01 1.58 0.00	41.75 1.57 0.00	47.07 1.68 0.00	49.80 1.73 0.00	53.33 1.95 0.00	55.39 2.18 0.00	57.60 2.48 0.00	63.67 2.62 0.00	70.75 3.30 0.00	80.52 3.91 0.00	86.82 4.68 0.00	91.35 5.82 0.00	86.42 5.20 0.00	80.37 4.48 0.00	70.39 3.92 0.00	62.59 3.04 0.00	56.83 3.01 0.00
ROSETON___1 23587	48.67 2.23 0.00	43.80 1.89 0.00	38.93 1.68 0.00	38.92 1.68 0.00	38.04 1.67 0.00	37.98 1.71 0.00	37.99 1.71 0.00	40.24 1.81 0.00	42.04 1.85 0.00	47.30 1.63 -0.28	50.31 1.58 -0.66	54.00 1.49 -1.13	55.66 1.38 -1.07	57.16 1.38 -0.66	62.57 1.53 0.00	70.14 2.70 0.00	79.68 3.07 0.00	86.08 3.94 0.00	89.72 4.19 0.00	84.39 3.16 0.00	78.47 2.58 0.00	68.27 1.80 0.00	60.86 1.31 0.00	55.54 1.72 0.00
ROSETON___2 23588	48.67 2.23 0.00	43.80 1.89 0.00	38.93 1.68 0.00	38.92 1.68 0.00	38.04 1.67 0.00	37.98 1.71 0.00	37.99 1.71 0.00	40.24 1.81 0.00	42.04 1.85 0.00	47.30 1.63 -0.28	50.31 1.58 -0.66	54.00 1.49 -1.13	55.66 1.38 -1.07	57.16 1.38 -0.66	62.57 1.53 0.00	70.14 2.70 0.00	79.68 3.07 0.00	86.08 3.94 0.00	89.72 4.19 0.00	84.39 3.16 0.00	78.47 2.58 0.00	68.27 1.80 0.00	60.86 1.31 0.00	55.54 1.72 0.00
ROTTTRDAM_115KV_TB3 80664	48.07 1.63 0.00	43.38 1.47 0.00	38.55 1.30 0.00	38.58 1.34 0.00	37.71 1.35 0.00	37.61 1.34 0.00	37.55 1.27 0.00	39.71 1.27 0.00	41.39 1.21 0.00	46.13 0.95 0.21	48.50 0.91 0.48	51.43 0.87 0.82	53.29 0.85 0.78	55.58 0.94 0.48	62.14 1.10 0.00	69.26 1.82 0.00	78.76 2.15 0.00	84.85 2.71 0.00	88.87 3.34 0.00	84.15 2.92 0.00	78.47 2.58 0.00	68.60 2.13 0.00	61.22 1.67 0.00	55.43 1.61 0.00
RUSSELL___1 23602	47.74 1.30 0.00	43.42 1.51 0.00	38.44 1.19 0.00	37.80 0.56 0.00	36.91 0.55 0.00	36.71 0.44 0.00	36.87 0.58 0.00	39.40 0.96 0.00	42.40 2.21 0.00	47.39 2.00 0.00	50.76 2.69 0.00	54.88 3.49 0.00	56.93 3.72 0.00	58.81 3.69 0.00	64.77 3.72 0.00	70.95 3.51 0.00	80.37 3.75 0.00	86.41 4.27 0.00	91.35 5.82 0.00	86.18 4.95 0.00	80.22 4.33 0.00	70.13 3.66 0.00	62.59 3.04 0.00	57.58 3.77 0.00
RUSSELL___2 23532	47.74 1.30 0.00	43.42 1.51 0.00	38.44 1.19 0.00	37.80 0.56 0.00	36.91 0.55 0.00	36.71 0.44 0.00	36.87 0.58 0.00	39.40 0.96 0.00	42.40 2.21 0.00	47.39 2.00 0.00	50.76 2.69 0.00	54.88 3.49 0.00	56.93 3.72 0.00	58.81 3.69 0.00	64.77 3.72 0.00	70.95 3.51 0.00	80.37 3.75 0.00	86.41 4.27 0.00	91.35 5.82 0.00	86.18 4.95 0.00	80.22 4.33 0.00	70.13 3.66 0.00	62.59 3.04 0.00	57.58 3.77 0.00
RUSSELL___3 23549	47.74 1.30 0.00	43.42 1.51 0.00	38.44 1.19 0.00	37.80 0.56 0.00	36.91 0.55 0.00	36.71 0.44 0.00	36.87 0.58 0.00	39.40 0.96 0.00	42.40 2.21 0.00	47.39 2.00 0.00	50.76 2.69 0.00	54.88 3.49 0.00	56.93 3.72 0.00	58.81 3.69 0.00	64.77 3.72 0.00	70.95 3.51 0.00	80.37 3.75 0.00	86.41 4.27 0.00	91.35 5.82 0.00	86.18 4.95 0.00	80.22 4.33 0.00	70.13 3.66 0.00	62.59 3.04 0.00	57.58 3.77 0.00
RUSSELL___4 23556	47.74 1.30 0.00	43.42 1.51 0.00	38.44 1.19 0.00	37.80 0.56 0.00	36.91 0.55 0.00	36.71 0.44 0.00	36.87 0.58 0.00	39.40 0.96 0.00	42.40 2.21 0.00	47.39 2.00 0.00	50.76 2.69 0.00	54.88 3.49 0.00	56.93 3.72 0.00	58.81 3.69 0.00	64.77 3.72 0.00	70.95 3.51 0.00	80.37 3.75 0.00	86.41 4.27 0.00	91.35 5.82 0.00	86.18 4.95 0.00	80.22 4.33 0.00	70.13 3.66 0.00	62.59 3.04 0.00	57.58 3.77 0.00
RUSSELL___STATION 23914	47.74 1.30 0.00	43.42 1.51 0.00	38.44 1.19 0.00	37.80 0.56 0.00	36.91 0.55 0.00	36.71 0.44 0.00	36.87 0.58 0.00	39.40 0.96 0.00	42.40 2.21 0.00	47.39 2.00 0.00	50.76 2.69 0.00	54.88 3.49 0.00	56.93 3.72 0.00	58.81 3.69 0.00	64.77 3.72 0.00	70.95 3.51 0.00	80.37 3.75 0.00	86.41 4.27 0.00	91.35 5.82 0.00	86.18 4.95 0.00	80.22 4.33 0.00	70.13 3.66 0.00	62.59 3.04 0.00	57.58 3.77 0.00
S SALMON___HYD 24043	47.09 0.65 0.00	42.62 0.63 -0.07	37.73 0.48 0.00	37.54 0.30 0.00	36.62 0.26 0.00	36.56 0.29 0.00	36.57 0.29 0.00	38.71 0.27 0.00	40.59 0.40 0.00	45.66 0.27 0.00	48.40 0.34 0.00	51.84 0.46 0.00	53.80 0.59 0.00	55.67 0.55 0.00	61.48 0.43 0.00	68.19 0.74 0.00	77.54 0.92 0.00	83.53 1.40 0.00	87.67 2.14 0.00	83.09 1.87 0.00	77.41 1.52 0.00	67.87 1.40 0.00	61.35 1.07 -0.72	55.74 1.24 -0.68
S.PERRY__115KV_TB1 80734	49.23 2.79 0.00	44.77 2.85 0.00	39.52 2.27 0.00	38.81 1.56 0.00	37.96 1.60 0.00	37.69 1.41 0.00	37.85 1.56 0.00	40.01 1.58 0.00	42.52 2.33 0.00	47.11 1.72 0.00	49.99 1.92 0.00	53.80 2.41 0.00	55.92 2.71 0.00	58.21 3.09 0.00	64.04 2.99 0.00	68.32 0.88 0.00	77.69 1.07 0.00	84.60 2.46 0.00	90.41 4.88 0.00	86.50 5.28 0.00	80.90 5.01 0.00	70.79 4.32 0.00	65.09 5.54 0.00	59.79 5.97 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	46.54 0.09 0.00	42.75 0.84 0.00	37.88 0.63 0.00	36.91 -0.34 0.00	36.25 -0.11 0.00	35.87 -0.40 0.00	36.28 0.00 0.00	38.94 0.50 0.00	42.36 2.17 0.00	46.80 1.41 0.00	49.94 1.87 0.00	54.05 2.67 0.00	56.03 2.82 0.00	57.88 2.76 0.00	63.24 2.20 0.00	69.26 1.82 0.00	78.45 1.84 0.00	84.60 2.46 0.00	89.47 3.93 0.00	84.72 3.49 0.00	78.85 2.96 0.00	68.66 2.19 0.00	61.40 1.85 0.00	57.37 3.55 0.00

SAWYER___23_KV_LOAD 55526	46.54 0.09 0.00	42.75 0.84 0.00	37.88 0.63 0.00	36.91 -0.34 0.00	36.25 -0.11 0.00	35.87 -0.40 0.00	36.28 0.00 0.00	38.94 0.50 0.00	42.36 2.17 0.00	46.80 1.41 0.00	49.94 1.87 0.00	54.05 2.67 0.00	56.03 2.82 0.00	57.88 2.76 0.00	63.24 2.20 0.00	69.26 1.82 0.00	78.45 1.84 0.00	84.60 2.46 0.00	89.47 3.93 0.00	84.72 3.49 0.00	78.85 2.96 0.00	68.66 2.19 0.00	61.40 1.85 0.00	57.37 3.55 0.00
SELKIRK___I 23801	46.44 0.00 0.00	41.87 -0.04 0.00	37.29 0.04 0.00	37.47 0.22 0.00	36.62 0.26 0.00	36.56 0.29 0.00	36.50 0.22 0.00	38.49 0.08 0.02	39.57 -0.16 0.45	42.80 -0.73 1.86	44.45 -0.91 2.70	46.56 -1.08 3.74	47.79 -1.22 4.20	49.38 -1.16 4.58	53.88 -1.16 6.00	58.85 -0.67 7.92	65.45 -0.69 10.47	81.79 -0.33 0.02	85.53 0.00 0.00	80.90 -0.32 0.00	75.36 -0.53 0.00	65.87 -0.60 0.00	58.84 -0.71 0.00	53.33 -0.49 0.00
SELKIRK___II 23799	46.68 0.23 0.00	42.08 0.17 0.00	37.51 0.26 0.00	37.69 0.45 0.00	36.84 0.47 0.00	36.74 0.47 0.00	36.72 0.44 0.00	38.71 0.35 0.07	38.71 0.16 1.64	38.71 -0.32 6.36	38.71 -0.43 8.92	38.71 -0.56 12.11	38.71 -0.64 13.86	38.71 -0.66 15.75	38.71 -0.61 21.73	38.71 -0.07 28.67	38.71 0.00 37.90	82.49 0.41 0.06	86.14 0.60 0.00	81.39 0.16 0.00	75.82 -0.08 0.00	66.27 -0.20 0.00	59.07 -0.48 0.00	53.60 -0.21 0.00
SENECA OSWGO___HYD 24041	46.26 -0.19 0.00	41.94 -0.08 -0.11	37.14 -0.11 -0.30	36.94 -0.30 -0.29	36.07 -0.29 -0.33	35.94 -0.33 -0.33	35.96 -0.33 -0.35	38.09 -0.35 -0.12	40.07 -0.12 -0.36	45.02 -0.36 -0.19	47.87 -0.15 -0.05	51.23 -0.05 -0.06	53.16 -0.05 -0.06	55.07 -0.06 -0.18	60.86 -0.18 -0.07	67.38 -0.07 -0.15	76.46 -0.15 0.16	82.30 0.16 0.60	86.14 0.60 0.24	81.47 0.24 0.08	75.97 0.08 -0.07	66.40 -0.07 -0.18	60.49 -0.18 -1.12	54.97 0.11 -1.05
SENECA___115KV_TB3 355854	46.86 0.42 0.00	43.05 1.13 0.00	38.11 0.86 0.00	37.09 -0.15 0.00	36.51 0.15 0.00	36.09 -0.18 0.00	36.54 0.25 0.00	39.24 0.81 0.00	42.68 2.49 0.00	47.25 1.86 0.00	50.42 2.36 0.00	54.52 3.13 0.00	56.56 3.35 0.00	58.48 3.36 0.00	63.85 2.81 0.00	69.94 2.50 0.00	79.22 2.60 0.00	85.51 3.37 0.00	90.49 4.96 0.00	85.69 4.47 0.00	79.76 3.87 0.00	69.39 2.92 0.00	62.11 2.56 0.00	57.91 4.09 0.00
SENECA___ENERGY 23797	47.18 0.74 0.00	42.91 0.96 -0.03	37.96 0.71 0.00	37.58 0.33 0.00	36.73 0.36 0.00	36.49 0.22 0.00	36.57 0.29 0.00	38.86 0.42 0.00	41.15 0.96 0.00	46.16 0.77 0.00	49.17 1.11 0.00	52.72 1.33 0.00	54.80 1.59 0.00	56.83 1.71 0.00	62.75 1.71 0.00	69.26 1.82 0.00	78.68 2.07 0.00	84.93 2.79 0.00	89.47 3.94 0.00	84.48 3.25 0.00	78.62 2.73 0.00	68.60 2.13 0.00	61.65 1.78 -0.31	56.04 1.93 -0.29
SHOEMAKER___GT 23640	48.58 2.14 0.00	43.72 1.80 0.00	38.85 1.60 0.00	38.84 1.60 0.00	37.96 1.60 0.00	37.90 1.63 0.00	37.88 1.59 0.00	40.13 1.69 0.00	41.88 1.69 0.00	47.14 1.50 -0.26	50.11 1.44 -0.60	53.79 1.39 -1.02	55.55 1.38 -0.96	57.10 1.38 -0.60	62.57 1.53 0.00	70.07 2.63 0.00	79.60 2.98 0.00	86.00 3.86 0.00	89.81 4.27 0.00	84.48 3.25 0.00	78.62 2.73 0.00	68.46 1.99 0.00	61.04 1.49 0.00	55.59 1.77 0.00
SHOEMAKR_138KV_BK 111 55601	48.58 2.14 0.00	43.80 1.89 0.00	38.93 1.68 0.00	38.84 1.60 0.00	37.96 1.60 0.00	37.94 1.67 0.00	37.92 1.63 0.00	40.13 1.69 0.00	41.92 1.73 0.00	47.18 1.54 -0.25	50.24 1.59 -0.59	53.83 1.44 -1.01	55.60 1.44 -0.95	57.14 1.43 -0.59	62.63 1.59 0.00	70.14 2.70 0.00	79.60 2.99 0.00	85.75 3.61 0.00	89.72 4.19 0.00	84.39 3.17 0.00	78.62 2.73 0.00	68.46 1.99 0.00	61.10 1.55 0.00	55.59 1.78 0.00
SHOREHAM_IC_1 23715	50.20 3.76 0.00	45.19 3.27 0.00	40.45 3.20 0.00	39.70 2.46 0.00	38.66 2.29 0.00	39.03 2.76 0.00	38.50 2.21 0.00	40.70 2.27 0.00	43.12 2.93 0.00	48.65 2.95 -0.31	51.29 2.50 -0.72	53.94 1.33 -1.23	55.48 1.12 -1.15	57.00 1.27 -0.61	61.79 1.22 0.48	70.27 2.83 0.00	79.58 3.22 0.25	86.98 4.85 0.00	90.75 5.22 0.00	84.22 3.01 0.01	74.73 1.82 2.98	67.30 1.20 0.37	57.27 0.47 2.76	54.62 0.81 0.00
SHOREHAM_IC_2 23716	50.21 3.76 0.00	45.52 3.60 0.00	40.53 3.28 0.00	39.70 2.46 0.00	38.69 2.33 0.00	39.06 2.79 0.00	38.86 2.58 0.00	40.70 2.27 0.00	43.16 2.97 0.00	48.65 2.95 -0.31	51.77 2.98 -0.72	54.56 1.95 -1.23	55.96 1.60 -1.15	57.06 1.32 -0.61	61.79 1.22 0.48	70.54 3.10 0.00	79.58 3.22 0.25	86.66 4.52 0.00	90.66 5.13 0.00	84.06 2.84 0.01	74.73 1.82 2.98	67.29 1.20 0.37	57.39 0.60 2.76	55.70 1.88 0.00
SISSONVILLE____ 23735	46.07 -0.37 0.00	41.50 -0.42 0.00	36.91 -0.34 0.00	36.87 -0.37 0.00	35.93 -0.44 0.00	35.87 -0.40 0.00	35.85 -0.44 0.00	37.98 -0.46 0.00	39.54 -0.64 0.00	45.48 0.09 0.00	48.02 -0.05 0.00	51.33 -0.05 0.00	53.16 -0.05 0.00	54.96 -0.17 0.00	60.86 -0.18 0.00	66.43 -1.01 0.00	75.69 -0.92 0.00	80.91 -1.23 0.00	83.74 -1.80 0.00	80.74 -0.49 0.00	75.82 -0.08 0.00	66.74 0.27 0.00	59.97 0.42 0.00	53.76 -0.05 0.00
SITHE_IND_GS1 24169	45.47 -0.98 0.00	40.73 -0.80 0.39	36.50 -0.74 0.00	36.35 -0.89 0.00	35.49 -0.87 0.00	35.40 -0.87 0.00	35.41 -0.87 0.00	37.55 -0.88 0.00	39.47 -0.72 0.00	44.39 -1.00 0.00	47.15 -0.91 0.00	50.46 -0.92 0.00	52.36 -0.85 0.00	54.18 -0.94 0.00	59.95 -1.10 0.00	66.30 -1.15 0.00	75.24 -1.38 0.00	80.91 -1.23 0.00	84.59 -0.94 0.00	80.09 -1.14 0.00	74.60 -1.29 0.00	65.28 -1.19 0.00	54.52 -1.13 3.90	49.34 -0.81 3.67
SITHE_IND_GS2 24170	45.47 -0.98 0.00	40.73 -0.80 0.39	36.50 -0.74 0.00	36.35 -0.89 0.00	35.49 -0.87 0.00	35.40 -0.87 0.00	35.41 -0.87 0.00	37.55 -0.88 0.00	39.47 -0.72 0.00	44.39 -1.00 0.00	47.15 -0.91 0.00	50.46 -0.92 0.00	52.36 -0.85 0.00	54.18 -0.94 0.00	59.95 -1.10 0.00	66.30 -1.15 0.00	75.24 -1.38 0.00	80.91 -1.23 0.00	84.59 -0.94 0.00	80.09 -1.14 0.00	74.60 -1.29 0.00	65.28 -1.19 0.00	54.52 -1.13 3.90	49.34 -0.81 3.67
SITHE_IND_GS3 24171	45.47 -0.98 0.00	40.73 -0.80 0.39	36.50 -0.74 0.00	36.35 -0.89 0.00	35.49 -0.87 0.00	35.40 -0.87 0.00	35.41 -0.87 0.00	37.55 -0.88 0.00	39.47 -0.72 0.00	44.39 -1.00 0.00	47.15 -0.91 0.00	50.46 -0.92 0.00	52.36 -0.85 0.00	54.18 -0.94 0.00	59.95 -1.10 0.00	66.30 -1.15 0.00	75.24 -1.38 0.00	80.91 -1.23 0.00	84.59 -0.94 0.00	80.09 -1.14 0.00	74.60 -1.29 0.00	65.28 -1.19 0.00	54.52 -1.13 3.90	49.34 -0.81 3.67
SITHE_IND_GS4 24172	45.47 -0.98 0.00	40.73 -0.80 0.39	36.50 -0.74 0.00	36.35 -0.89 0.00	35.49 -0.87 0.00	35.40 -0.87 0.00	35.41 -0.87 0.00	37.55 -0.88 0.00	39.47 -0.72 0.00	44.39 -1.00 0.00	47.15 -0.91 0.00	50.46 -0.92 0.00	52.36 -0.85 0.00	54.18 -0.94 0.00	59.95 -1.10 0.00	66.30 -1.15 0.00	75.24 -1.38 0.00	80.91 -1.23 0.00	84.59 -0.94 0.00	80.09 -1.14 0.00	74.60 -1.29 0.00	65.28 -1.19 0.00	54.52 -1.13 3.90	49.34 -0.81 3.67

SITHE___BATAVIA 24024	48.11 1.67 0.00	44.60 2.68 0.00	39.37 2.12 0.00	37.87 0.63 0.00	37.13 0.76 0.00	36.74 0.47 0.00	36.97 0.69 0.00	39.63 1.19 0.00	43.24 3.05 0.00	47.75 2.36 0.00	51.10 3.03 0.00	55.24 3.86 0.00	57.47 4.26 0.00	58.98 3.86 0.00	64.71 3.66 0.00	70.75 3.30 0.00	80.22 3.60 0.00	86.82 4.68 0.00	92.29 6.76 0.00	87.23 6.01 0.00	81.20 5.31 0.00	70.79 4.32 0.00	63.60 4.05 0.00	58.87 5.06 0.00
SITHE___INDEPEND 23800	45.47 -0.98 0.00	40.64 -0.88 0.39	36.47 -0.78 0.00	36.35 -0.89 0.00	35.49 -0.87 0.00	35.36 -0.91 0.00	35.41 -0.87 0.00	37.55 -0.88 0.00	39.46 -0.72 0.00	44.34 -1.04 0.00	47.06 -1.01 0.00	50.46 -0.92 0.00	52.31 -0.90 0.00	54.18 -0.94 0.00	59.95 -1.10 0.00	66.30 -1.15 0.00	75.23 -1.38 0.00	80.91 -1.23 0.00	84.51 -1.03 0.00	80.00 -1.22 0.00	74.60 -1.29 0.00	65.27 -1.20 0.00	54.46 -1.19 3.90	49.34 -0.81 3.67
SITHE___MASSENA 23902	46.02 -0.42 0.00	41.50 -0.42 0.00	36.95 -0.30 0.00	36.94 -0.30 0.00	36.00 -0.36 0.00	35.91 -0.36 0.00	35.89 -0.40 0.00	38.05 -0.38 0.00	39.66 -0.52 0.00	45.57 0.18 0.00	48.16 0.10 0.00	51.49 0.10 0.00	53.32 0.11 0.00	55.23 0.11 0.00	61.05 0.00 0.00	66.64 -0.81 0.00	75.85 -0.77 0.00	80.66 -1.48 0.00	83.05 -2.48 0.00	80.25 -0.97 0.00	75.44 -0.45 0.00	66.34 -0.13 0.00	59.73 0.18 0.00	53.60 -0.21 0.00
SITHE___OGDNSBRG 24021	46.86 0.42 0.00	42.21 0.29 0.00	37.51 0.26 0.00	37.50 0.26 0.00	36.51 0.15 0.00	36.49 0.22 0.00	36.43 0.15 0.00	38.51 0.08 0.00	39.95 -0.24 0.00	45.84 0.45 0.00	48.31 0.24 0.00	51.64 0.26 0.00	53.42 0.21 0.00	55.23 0.11 0.00	61.23 0.18 0.00	66.77 -0.67 0.00	76.23 -0.38 0.00	81.65 -0.49 0.00	84.76 -0.77 0.00	82.04 0.81 0.00	77.11 1.21 0.00	67.93 1.46 0.00	60.98 1.43 0.00	54.68 0.86 0.00
SITHE___STERLING 23777	48.21 1.76 0.00	43.51 1.59 0.00	38.55 1.30 0.00	38.43 1.19 0.00	37.49 1.13 0.00	37.43 1.16 0.00	37.48 1.20 0.00	39.67 1.23 0.00	41.47 1.29 0.00	46.71 1.32 0.00	49.46 1.39 0.00	52.98 1.59 0.00	55.02 1.81 0.00	57.16 2.04 0.00	63.18 2.14 0.00	70.21 2.77 0.00	79.76 3.14 0.00	86.00 3.86 0.00	90.32 4.79 0.00	85.44 4.22 0.00	79.46 3.57 0.00	69.59 3.12 0.00	61.99 2.44 0.00	56.24 2.42 0.00
SLEIGHT__34_KV_TB1 80719	47.14 0.70 0.00	42.77 0.84 -0.02	37.85 0.60 0.00	37.43 0.19 0.00	36.55 0.18 0.00	36.34 0.07 0.00	36.43 0.15 0.00	38.82 0.38 0.00	41.47 1.29 0.00	46.48 1.09 0.00	49.65 1.59 0.00	53.49 2.11 0.00	55.50 2.29 0.00	57.49 2.37 0.00	63.37 2.32 0.00	69.67 2.23 0.00	78.99 2.38 0.00	85.10 2.96 0.00	89.72 4.19 0.00	84.72 3.49 0.00	78.78 2.88 0.00	68.80 2.33 0.00	61.55 1.85 -0.16	56.33 2.37 -0.15
SMITHTWN_69_KV_BK 1 55830	50.67 4.23 0.00	45.90 3.98 0.00	40.71 3.46 0.00	40.07 2.83 0.00	39.09 2.73 0.00	39.32 3.05 0.00	39.12 2.83 0.00	41.17 2.73 0.00	43.64 3.46 0.00	49.24 3.54 -0.31	52.39 3.60 -0.72	55.18 2.57 -1.23	56.60 2.23 -1.15	57.62 1.98 -0.51	62.08 1.95 0.92	71.29 3.84 0.00	79.88 3.75 0.49	87.15 5.01 0.00	91.01 5.47 0.00	84.46 3.25 0.01	75.20 2.28 2.97	67.56 1.79 0.71	57.89 1.19 2.85	56.29 2.48 0.00
SOUTH CAIRO___GT 23612	48.44 2.00 0.00	43.72 1.80 0.00	38.85 1.60 0.00	38.84 1.60 0.00	37.96 1.60 0.00	37.90 1.63 0.00	37.77 1.49 0.00	39.80 1.38 0.03	41.06 1.45 0.58	43.88 0.77 2.28	45.41 0.58 3.23	47.33 0.36 4.42	48.56 0.37 5.02	50.10 0.61 5.63	54.32 0.92 7.64	59.25 1.89 10.08	65.82 2.53 13.32	85.32 3.20 0.02	89.90 4.36 0.00	84.88 3.66 0.00	79.31 3.42 0.00	69.19 2.73 0.00	61.81 2.26 0.00	55.70 1.88 0.00
SOUTH HAMPTN___IC 23720	51.27 4.83 0.00	46.11 4.19 0.00	41.20 3.95 0.00	40.45 3.20 0.00	39.38 3.02 0.00	39.68 3.41 0.00	39.15 2.87 0.00	41.44 3.00 0.00	44.05 3.86 0.00	49.83 4.13 -0.31	52.58 3.80 -0.72	55.43 2.82 -1.23	57.07 2.71 -1.15	58.66 2.92 -0.62	63.66 3.05 0.44	72.30 4.86 0.00	81.90 5.52 0.23	89.53 7.40 0.00	93.31 7.78 0.00	86.57 5.36 0.01	76.77 3.87 2.99	69.12 2.99 0.34	58.76 1.96 2.75	55.97 2.15 0.00
SOUTHDOW_115KV_TB1 355954	47.42 0.98 0.00	43.51 1.59 0.00	38.59 1.34 0.00	37.65 0.41 0.00	37.09 0.73 0.00	36.67 0.40 0.00	37.19 0.91 0.00	40.13 1.69 0.00	43.68 3.50 0.00	48.57 3.18 0.00	51.86 3.80 0.00	56.11 4.73 0.00	58.21 5.00 0.00	60.25 5.13 0.00	65.62 4.58 0.00	72.03 4.59 0.00	81.90 5.29 0.00	88.63 6.49 0.00	93.83 8.30 0.00	88.94 7.72 0.00	82.65 6.75 0.00	71.79 5.32 0.00	64.13 4.59 0.00	59.52 5.70 0.00
SOUTHOLD_69_KV_BK 2 55809	52.43 5.99 0.00	47.45 5.53 0.00	42.13 4.88 0.00	41.26 4.02 0.00	40.18 3.82 0.00	40.48 4.21 0.00	40.13 3.85 0.00	42.20 3.77 0.00	45.05 4.86 0.00	51.01 5.31 -0.31	54.46 5.67 -0.72	57.59 4.98 -1.23	59.20 4.84 -1.15	60.48 4.74 -0.62	65.55 4.94 0.44	74.73 7.28 0.00	84.35 7.97 0.23	91.91 9.77 0.00	96.22 10.69 0.00	89.01 7.80 0.01	78.97 6.07 2.99	71.05 4.92 0.34	60.49 3.69 2.75	58.50 4.68 0.00
SOUTHOLD___IC 23719	52.44 5.99 0.00	47.11 5.20 0.00	42.09 4.84 0.00	41.27 4.02 0.00	40.15 3.78 0.00	40.40 4.13 0.00	39.80 3.52 0.00	42.21 3.77 0.00	45.01 4.82 0.00	51.00 5.31 -0.31	53.98 5.19 -0.72	56.98 4.37 -1.23	58.73 4.36 -1.15	60.43 4.68 -0.62	65.55 4.94 0.44	74.46 7.01 0.00	84.35 7.97 0.23	92.24 10.10 0.00	96.31 10.78 0.00	89.18 7.96 0.01	78.98 6.07 2.99	71.05 4.92 0.34	60.37 3.57 2.75	57.42 3.61 0.00
SOUTH_FORK_WT_PWR 323839	52.57 6.13 0.00	47.28 5.37 0.00	42.20 4.95 0.00	41.38 4.13 0.00	40.22 3.85 0.00	40.48 4.21 0.00	39.80 3.52 0.00	42.21 3.77 0.00	45.09 4.90 0.00	51.10 5.40 -0.31	54.12 5.33 -0.72	57.13 4.52 -1.23	58.88 4.52 -1.15	60.59 4.85 -0.62	65.61 5.01 0.44	74.52 7.08 0.00	84.35 7.97 0.23	92.32 10.18 0.00	96.40 10.86 0.00	89.34 8.12 0.01	79.13 6.22 2.99	71.18 5.05 0.34	60.49 3.69 2.75	57.58 3.77 0.00
SPIERFLS_115KV_TB 1 80737	49.18 2.74 0.00	44.35 2.43 0.00	39.48 2.23 0.00	39.48 2.23 0.00	38.51 2.15 0.00	38.41 2.14 0.00	38.32 2.03 0.00	40.44 2.00 0.00	42.40 2.21 0.00	46.89 1.77 0.26	48.75 1.30 0.62	51.62 1.28 1.05	53.39 1.17 0.99	55.94 1.43 0.62	62.69 1.65 0.00	70.21 2.77 0.00	80.06 3.45 0.00	86.66 4.52 0.00	91.78 6.24 0.00	86.99 5.77 0.00	81.36 5.46 0.00	70.86 4.39 0.00	63.06 3.51 0.00	56.88 3.07 0.00
ST LAWRENCE____ 23600	45.52 -0.93 0.00	41.03 -0.88 0.00	36.50 -0.74 0.00	36.50 -0.74 0.00	35.60 -0.77 0.00	35.51 -0.76 0.00	35.52 -0.76 0.00	37.63 -0.81 0.00	39.26 -0.92 0.00	44.93 -0.45 0.00	47.54 -0.53 0.00	50.82 -0.56 0.00	52.63 -0.58 0.00	54.46 -0.66 0.00	60.38 -0.67 0.00	65.96 -1.48 0.00	75.00 -1.61 0.00	79.84 -2.30 0.00	82.54 -3.00 0.00	79.20 -2.03 0.00	74.37 -1.52 0.00	65.40 -1.07 0.00	58.90 -0.65 0.00	52.85 -0.97 0.00

STATE_CA_115KV_115_LB 55624	47.33 0.88 0.00	42.71 0.80 0.00	38.03 0.78 0.00	38.10 0.86 0.00	37.24 0.87 0.00	37.18 0.91 0.00	37.12 0.83 0.00	39.21 0.77 0.00	40.91 0.72 0.00	45.32 0.18 0.25	47.63 0.14 0.58	50.45 0.05 0.98	52.28 0.00 0.93	54.65 0.11 0.58	61.23 0.18 0.00	68.39 0.94 0.00	77.76 1.15 0.00	83.78 1.64 0.00	87.59 2.05 0.00	82.77 1.54 0.00	77.11 1.21 0.00	67.33 0.86 0.00	60.03 0.48 0.00	54.41 0.59 0.00
STATE_ST_34_KV_LOAD 55959	47.28 0.84 0.00	42.75 0.80 -0.03	37.85 0.60 0.00	37.69 0.45 0.00	36.80 0.44 0.00	36.60 0.33 0.00	36.65 0.36 0.00	38.86 0.42 0.00	41.03 0.84 0.00	46.07 0.68 0.00	48.98 0.91 0.00	52.51 1.13 0.00	54.49 1.28 0.00	56.66 1.54 0.00	62.63 1.59 0.00	69.26 1.82 0.00	78.68 2.07 0.00	84.85 2.71 0.00	89.13 3.59 0.00	84.31 3.09 0.00	78.47 2.58 0.00	68.53 2.06 0.00	61.44 1.55 -0.35	55.86 1.72 -0.33
STATION_5_MISC_HYD 23604	47.42 0.98 0.00	43.55 1.63 0.00	38.52 1.27 0.00	37.65 0.41 0.00	36.80 0.44 0.00	36.53 0.26 0.00	36.68 0.40 0.00	39.17 0.73 0.00	42.20 2.01 0.00	47.07 1.68 0.00	50.47 2.40 0.00	54.47 3.08 0.00	56.62 3.41 0.00	58.26 3.14 0.00	64.16 3.11 0.00	70.27 2.83 0.00	79.68 3.07 0.00	85.75 3.61 0.00	90.58 5.05 0.00	85.53 4.30 0.00	79.53 3.64 0.00	69.53 3.06 0.00	62.29 2.74 0.00	57.15 3.34 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	47.37 0.93 0.00	42.98 1.05 -0.01	38.03 0.78 0.00	37.61 0.37 0.00	36.73 0.36 0.00	36.52 0.25 0.00	36.65 0.36 0.00	39.09 0.65 0.00	41.71 1.53 0.00	46.70 1.32 0.00	49.84 1.78 0.00	53.69 2.31 0.00	55.71 2.50 0.00	57.66 2.54 0.00	63.61 2.56 0.00	69.87 2.43 0.00	79.30 2.68 0.00	85.51 3.37 0.00	90.24 4.70 0.00	85.12 3.90 0.00	79.23 3.34 0.00	69.13 2.66 0.00	61.84 2.14 -0.15	56.65 2.69 -0.14
STA_56_34_KV_BUS2_REV_LBMP_B 345033	47.14 0.70 0.00	42.88 0.96 0.00	37.96 0.71 0.00	37.39 0.15 0.00	36.51 0.15 0.00	36.31 0.04 0.00	36.47 0.18 0.00	38.94 0.50 0.00	41.84 1.65 0.00	46.75 1.36 0.00	50.04 1.97 0.00	54.05 2.67 0.00	56.03 2.82 0.00	57.93 2.81 0.00	63.79 2.75 0.00	69.94 2.50 0.00	79.30 2.68 0.00	85.34 3.20 0.00	90.07 4.53 0.00	85.04 3.82 0.00	79.08 3.19 0.00	69.06 2.59 0.00	61.63 2.08 0.00	56.67 2.85 0.00
STA_56___34_KV_BUS2 355983	47.14 0.70 0.00	42.88 0.96 0.00	37.96 0.71 0.00	37.39 0.15 0.00	36.51 0.15 0.00	36.31 0.04 0.00	36.47 0.18 0.00	38.94 0.50 0.00	41.84 1.65 0.00	46.75 1.36 0.00	50.04 1.97 0.00	54.05 2.67 0.00	56.03 2.82 0.00	57.93 2.81 0.00	63.79 2.75 0.00	69.94 2.50 0.00	79.30 2.68 0.00	85.34 3.20 0.00	90.07 4.53 0.00	85.04 3.82 0.00	79.08 3.19 0.00	69.06 2.59 0.00	61.63 2.08 0.00	56.67 2.85 0.00
STA_67___115KV_BK2 355882	47.28 0.84 0.00	43.00 1.09 0.00	38.11 0.86 0.00	37.47 0.22 0.00	36.62 0.25 0.00	36.42 0.15 0.00	36.61 0.33 0.00	39.05 0.61 0.00	42.00 1.81 0.00	46.89 1.50 0.00	50.13 2.07 0.00	54.16 2.77 0.00	56.14 2.93 0.00	57.99 2.87 0.00	63.85 2.81 0.00	70.01 2.56 0.00	79.37 2.76 0.00	85.42 3.29 0.00	90.15 4.62 0.00	85.20 3.98 0.00	79.31 3.42 0.00	69.26 2.79 0.00	61.81 2.26 0.00	56.94 3.12 0.00
STA_7___115KV_9TRANS 80674	47.74 1.30 0.00	43.42 1.51 0.00	38.44 1.19 0.00	37.80 0.56 0.00	36.91 0.55 0.00	36.71 0.44 0.00	36.87 0.58 0.00	39.40 0.96 0.00	42.40 2.21 0.00	47.39 2.00 0.00	50.76 2.69 0.00	54.88 3.49 0.00	56.93 3.72 0.00	58.81 3.69 0.00	64.77 3.72 0.00	70.95 3.51 0.00	80.37 3.75 0.00	86.41 4.27 0.00	91.35 5.82 0.00	86.18 4.95 0.00	80.22 4.33 0.00	70.13 3.66 0.00	62.59 3.04 0.00	57.58 3.77 0.00
STA_82___115KV_TB1 80780	47.28 0.84 0.00	43.05 1.13 0.00	38.11 0.86 0.00	37.50 0.26 0.00	36.65 0.29 0.00	36.42 0.15 0.00	36.61 0.33 0.00	39.09 0.65 0.00	42.00 1.81 0.00	46.89 1.50 0.00	50.13 2.07 0.00	54.16 2.77 0.00	56.19 2.98 0.00	58.04 2.92 0.00	63.85 2.81 0.00	70.01 2.56 0.00	79.37 2.76 0.00	85.42 3.29 0.00	90.24 4.70 0.00	85.20 3.98 0.00	79.31 3.42 0.00	69.26 2.79 0.00	61.87 2.32 0.00	56.94 3.12 0.00
STEEL___WIND 323596	46.81 0.37 0.00	43.63 1.72 0.00	38.55 1.30 0.00	37.17 -0.07 0.00	36.51 0.15 0.00	36.05 -0.22 0.00	36.43 0.15 0.00	39.13 0.69 0.00	42.64 2.45 0.00	47.21 1.82 0.00	50.52 2.45 0.00	54.57 3.19 0.00	56.78 3.57 0.00	58.32 3.20 0.00	63.73 2.68 0.00	69.80 2.36 0.00	79.06 2.45 0.00	85.43 3.29 0.00	90.41 4.87 0.00	85.61 4.38 0.00	79.61 3.72 0.00	69.33 2.86 0.00	62.41 2.86 0.00	57.85 4.04 0.00
STEPHTWN_115KV_BK_2 55603	47.51 1.07 0.00	42.84 0.92 0.00	38.14 0.89 0.00	38.17 0.93 0.00	37.35 0.98 0.00	37.29 1.02 0.00	37.23 0.94 0.00	39.32 0.88 0.00	41.03 0.84 0.00	45.51 0.36 0.24	47.84 0.34 0.56	50.63 0.21 0.95	52.47 0.16 0.90	54.84 0.28 0.56	61.47 0.43 0.00	68.66 1.21 0.00	78.15 1.53 0.00	84.27 2.14 0.00	88.10 2.57 0.00	83.25 2.03 0.00	77.56 1.67 0.00	67.67 1.20 0.00	60.32 0.77 0.00	54.57 0.75 0.00
STEUBEN_REC_LFGE 323667	47.79 1.35 0.00	43.51 1.59 0.00	38.40 1.15 0.00	37.76 0.52 0.00	37.13 0.76 0.00	36.78 0.51 0.00	37.12 0.83 0.00	39.55 1.11 0.00	42.36 2.17 0.00	47.11 1.72 0.00	50.18 2.11 0.00	54.00 2.62 0.00	56.08 2.87 0.00	58.43 3.31 0.00	64.16 3.11 0.00	70.55 3.10 0.00	80.14 3.52 0.00	87.07 4.93 0.00	92.46 6.93 0.00	87.72 6.50 0.00	81.89 6.00 0.00	71.26 4.79 0.00	63.72 4.17 0.00	58.55 4.74 0.00
STILLWATER___SOLAR 323814	49.04 2.60 0.00	44.22 2.30 0.00	39.30 2.05 0.00	39.36 2.12 0.00	38.40 2.04 0.00	38.30 2.03 0.00	38.24 1.96 0.00	40.36 1.92 0.00	42.16 1.97 0.00	46.68 1.59 0.29	48.78 1.39 0.68	51.65 1.44 1.16	53.44 1.33 1.10	55.98 1.54 0.68	62.88 1.83 0.00	70.34 2.90 0.00	80.14 3.53 0.00	86.82 4.68 0.00	91.18 5.64 0.00	86.34 5.12 0.00	80.52 4.63 0.00	70.19 3.72 0.00	62.53 2.98 0.00	56.56 2.74 0.00
STONY___BROOK 24151	50.63 4.18 0.00	45.60 3.69 0.00	40.67 3.42 0.00	40.07 2.83 0.00	39.05 2.69 0.00	39.25 2.97 0.00	38.86 2.58 0.00	41.17 2.73 0.00	43.60 3.41 0.00	49.19 3.50 -0.31	51.82 3.03 -0.72	54.46 1.85 -1.23	56.01 1.65 -1.15	57.51 1.82 -0.57	62.15 1.77 0.67	70.81 3.37 0.00	79.63 3.37 0.35	87.07 4.93 0.00	90.66 5.13 0.00	84.13 2.92 0.01	74.81 1.90 2.98	67.54 1.59 0.52	57.76 1.01 2.80	55.16 1.35 0.00
STURGEON_POOL_HYD 23609	49.09 2.65 0.00	44.26 2.35 0.00	39.26 2.01 0.00	39.18 1.94 0.00	38.33 1.96 0.00	38.30 2.03 0.00	38.24 1.96 0.00	40.51 2.08 0.01	42.27 2.21 0.13	47.15 2.09 0.32	49.88 2.11 0.30	53.07 1.95 0.27	54.79 2.02 0.44	56.28 1.98 0.83	61.56 2.20 1.68	68.73 3.51 2.22	77.66 3.98 2.93	86.57 4.44 0.00	90.49 4.96 0.00	85.04 3.82 0.00	79.08 3.19 0.00	68.86 2.39 0.00	61.51 1.97 0.00	55.97 2.15 0.00

ST_LAW_115_BK7_LBMP 345037	45.52 -0.93 0.00	40.99 -0.92 0.00	36.47 -0.78 0.00	36.50 -0.74 0.00	35.60 -0.77 0.00	35.47 -0.80 0.00	35.49 -0.80 0.00	37.59 -0.85 0.00	39.22 -0.96 0.00	44.93 -0.45 0.00	47.49 -0.57 0.00	50.77 -0.61 0.00	52.57 -0.64 0.00	54.46 -0.66 0.00	60.32 -0.73 0.00	65.89 -1.55 0.00	74.93 -1.69 0.00	79.68 -2.46 0.00	82.37 -3.16 0.00	79.11 -2.11 0.00	74.29 -1.60 0.00	65.34 -1.13 0.00	58.90 -0.65 0.00	52.79 -1.02 0.00
ST_LAW_115_BK8_LBMP 345038	45.52 -0.93 0.00	40.99 -0.92 0.00	36.47 -0.78 0.00	36.50 -0.74 0.00	35.60 -0.77 0.00	35.47 -0.80 0.00	35.49 -0.80 0.00	37.59 -0.85 0.00	39.22 -0.96 0.00	44.93 -0.45 0.00	47.49 -0.57 0.00	50.77 -0.61 0.00	52.57 -0.64 0.00	54.46 -0.66 0.00	60.32 -0.73 0.00	65.89 -1.55 0.00	74.93 -1.69 0.00	79.68 -2.46 0.00	82.37 -3.16 0.00	79.11 -2.11 0.00	74.29 -1.60 0.00	65.34 -1.13 0.00	58.90 -0.65 0.00	52.79 -1.02 0.00
ST_LAW_230_BK5_LBMP 345035	45.52 -0.93 0.00	41.03 -0.88 0.00	36.50 -0.74 0.00	36.50 -0.74 0.00	35.60 -0.77 0.00	35.51 -0.76 0.00	35.52 -0.76 0.00	37.63 -0.81 0.00	39.26 -0.92 0.00	44.93 -0.45 0.00	47.54 -0.53 0.00	50.82 -0.56 0.00	52.63 -0.58 0.00	54.46 -0.66 0.00	60.38 -0.67 0.00	65.96 -1.48 0.00	75.00 -1.61 0.00	79.84 -2.30 0.00	82.54 -3.00 0.00	79.20 -2.03 0.00	74.37 -1.52 0.00	65.40 -1.07 0.00	58.90 -0.65 0.00	52.85 -0.97 0.00
ST_LAW_230_BK6_LBMP 345036	45.52 -0.93 0.00	41.03 -0.88 0.00	36.50 -0.74 0.00	36.50 -0.74 0.00	35.60 -0.77 0.00	35.51 -0.76 0.00	35.52 -0.76 0.00	37.63 -0.81 0.00	39.26 -0.92 0.00	44.93 -0.45 0.00	47.54 -0.53 0.00	50.82 -0.56 0.00	52.63 -0.58 0.00	54.46 -0.66 0.00	60.38 -0.67 0.00	65.96 -1.48 0.00	75.00 -1.61 0.00	79.84 -2.30 0.00	82.54 -3.00 0.00	79.20 -2.03 0.00	74.37 -1.52 0.00	65.40 -1.07 0.00	58.90 -0.65 0.00	52.85 -0.97 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	48.86 2.42 0.00	44.05 2.14 0.00	39.11 1.86 0.00	38.99 1.75 0.00	38.15 1.78 0.00	38.12 1.85 0.00	38.10 1.81 0.00	40.32 1.88 0.00	42.20 2.01 0.00	47.52 1.86 -0.27	50.56 1.87 -0.62	54.19 1.75 -1.06	55.96 1.76 -1.00	57.51 1.76 -0.62	63.00 1.95 0.00	70.61 3.17 0.00	80.14 3.52 0.00	86.33 4.19 0.00	90.24 4.70 0.00	84.88 3.66 0.00	78.93 3.04 0.00	68.73 2.26 0.00	61.34 1.79 0.00	55.81 1.99 0.00
SWANROAD_115KV_TB1 355699	46.21 -0.23 0.00	42.59 0.67 0.00	37.73 0.48 0.00	36.20 -1.04 0.00	36.07 -0.29 0.00	35.18 -1.09 0.00	36.10 -0.18 0.00	38.71 0.27 0.00	42.16 1.97 0.00	46.11 0.73 0.00	48.98 0.91 0.00	53.03 1.64 0.00	54.91 1.70 0.00	56.66 1.54 0.00	61.90 0.85 0.00	67.71 0.27 0.00	76.69 0.08 0.00	82.71 0.57 0.00	87.50 1.97 0.00	82.85 1.62 0.00	77.11 1.21 0.00	67.20 0.73 0.00	60.14 0.60 0.00	56.83 3.01 0.00
SYNERGY___BIOGAS 323694	48.12 1.67 0.00	44.01 2.10 0.00	38.93 1.68 0.00	37.80 0.56 0.00	37.20 0.84 0.00	36.71 0.44 0.00	37.19 0.91 0.00	39.86 1.42 0.00	43.16 2.97 0.00	47.70 2.31 0.00	50.90 2.84 0.00	55.13 3.75 0.00	57.15 3.94 0.00	58.98 3.86 0.00	64.71 3.66 0.00	70.75 3.30 0.00	80.21 3.60 0.00	86.74 4.60 0.00	92.29 6.76 0.00	87.23 6.01 0.00	81.20 5.31 0.00	70.79 4.32 0.00	63.24 3.69 0.00	58.93 5.11 0.00
SYRACUSE___ENERGY_ST1 323597	46.63 0.19 0.00	42.09 0.13 -0.04	37.32 0.07 0.00	37.20 -0.04 0.00	36.29 -0.07 0.00	36.13 -0.15 0.00	36.14 -0.15 0.00	38.32 -0.12 0.00	40.35 0.16 0.00	45.39 0.00 0.00	48.16 0.10 0.00	51.64 0.26 0.00	53.58 0.37 0.00	55.67 0.55 0.00	61.53 0.49 0.00	68.12 0.67 0.00	77.30 0.69 0.00	83.12 0.99 0.00	87.07 1.54 0.00	82.28 1.06 0.00	76.65 0.76 0.00	67.00 0.53 0.00	60.29 0.30 -0.45	54.77 0.54 -0.42
SYRACUSE___ENERGY_ST2 323598	46.63 0.19 0.00	42.09 0.13 -0.04	37.32 0.07 0.00	37.20 -0.04 0.00	36.29 -0.07 0.00	36.13 -0.15 0.00	36.14 -0.15 0.00	38.32 -0.12 0.00	40.35 0.16 0.00	45.39 0.00 0.00	48.16 0.10 0.00	51.64 0.26 0.00	53.58 0.37 0.00	55.67 0.55 0.00	61.53 0.49 0.00	68.12 0.67 0.00	77.30 0.69 0.00	83.12 0.99 0.00	87.07 1.54 0.00	82.28 1.06 0.00	76.65 0.76 0.00	67.00 0.53 0.00	60.29 0.30 -0.45	54.77 0.54 -0.42
SYRACUSE___POWER 24017	46.63 0.19 0.00	42.10 0.17 -0.01	37.36 0.11 0.00	37.24 0.00 0.00	36.33 -0.04 0.00	36.16 -0.11 0.00	36.21 -0.07 0.00	38.40 -0.04 0.00	40.39 0.20 0.00	45.39 0.00 0.00	48.21 0.14 0.00	51.69 0.31 0.00	53.58 0.37 0.00	55.67 0.55 0.00	61.60 0.55 0.00	68.18 0.74 0.00	77.38 0.77 0.00	83.29 1.15 0.00	87.24 1.71 0.00	82.52 1.30 0.00	76.80 0.91 0.00	67.13 0.66 0.00	60.11 0.42 -0.14	54.54 0.59 -0.13
TALLMAN_138KV_BK151 55660	49.23 2.79 0.00	44.39 2.47 0.00	39.41 2.16 0.00	39.25 2.01 0.00	38.40 2.04 0.00	38.37 2.10 0.00	38.35 2.07 0.00	40.63 2.19 0.00	42.56 2.37 0.00	47.90 2.22 -0.28	51.04 2.31 -0.66	54.72 2.21 -1.13	56.46 2.18 -1.06	57.99 2.20 -0.66	63.43 2.38 0.00	71.22 3.78 0.00	80.83 4.21 0.00	86.98 4.85 0.00	90.92 5.39 0.00	85.45 4.22 0.00	79.38 3.49 0.00	69.06 2.59 0.00	61.63 2.08 0.00	56.13 2.31 0.00
TEALLAVE_115KV_TB7 355573	46.49 0.05 0.00	42.01 0.08 -0.01	37.25 0.00 0.00	37.13 -0.11 0.00	36.25 -0.11 0.00	36.09 -0.18 0.00	36.14 -0.15 0.00	38.32 -0.12 0.00	40.31 0.12 0.00	45.30 -0.09 0.00	48.11 0.05 0.00	51.59 0.21 0.00	53.53 0.32 0.00	55.56 0.44 0.00	61.47 0.43 0.00	67.98 0.54 0.00	77.23 0.61 0.00	83.04 0.90 0.00	86.99 1.45 0.00	82.20 0.97 0.00	76.57 0.68 0.00	66.93 0.47 0.00	59.86 0.18 -0.13	54.43 0.48 -0.13
TELGRAPH_34_KV_EAST 80808	47.05 0.60 0.00	43.17 1.26 0.00	38.22 0.97 0.00	36.98 -0.26 0.00	36.55 0.18 0.00	35.91 -0.36 0.00	36.58 0.29 0.00	39.24 0.81 0.00	42.64 2.45 0.00	46.93 1.54 0.00	50.04 1.97 0.00	54.16 2.77 0.00	56.14 2.93 0.00	57.93 2.81 0.00	63.37 2.32 0.00	69.26 1.82 0.00	78.45 1.84 0.00	84.69 2.55 0.00	89.72 4.19 0.00	84.88 3.66 0.00	79.08 3.19 0.00	68.86 2.39 0.00	61.63 2.08 0.00	57.80 3.98 0.00
TEMPLE___115KV_TB 2 55572	46.54 0.09 0.00	42.01 0.08 -0.01	37.29 0.04 0.00	37.17 -0.07 0.00	36.25 -0.11 0.00	36.09 -0.18 0.00	36.14 -0.15 0.00	38.32 -0.12 0.00	40.35 0.16 0.00	45.34 -0.05 0.00	48.16 0.10 0.00	51.64 0.26 0.00	53.53 0.32 0.00	55.62 0.50 0.00	61.53 0.49 0.00	68.05 0.61 0.00	77.23 0.61 0.00	83.12 0.99 0.00	87.07 1.54 0.00	82.28 1.06 0.00	76.57 0.68 0.00	66.93 0.47 0.00	59.89 0.24 -0.11	54.40 0.48 -0.10
TIANA___69_KV_BK 1 55817	51.00 4.55 0.00	46.19 4.28 0.00	41.09 3.84 0.00	40.26 3.02 0.00	39.24 2.87 0.00	39.57 3.30 0.00	39.33 3.05 0.00	41.28 2.84 0.00	43.88 3.70 0.00	49.56 3.86 -0.31	52.78 3.99 -0.72	55.69 3.08 -1.23	57.18 2.82 -1.15	58.33 2.59 -0.62	63.23 2.62 0.44	72.10 4.65 0.00	81.36 4.98 0.23	88.63 6.49 0.00	92.63 7.10 0.00	85.84 4.63 0.01	76.24 3.34 2.99	68.72 2.59 0.34	58.52 1.73 2.75	56.72 2.91 0.00

TILDEN___115KV_TB1 80814	46.63 0.19 0.00	42.10 0.17 -0.01	37.36 0.11 0.00	37.24 0.00 0.00	36.33 -0.04 0.00	36.16 -0.11 0.00	36.21 -0.07 0.00	38.40 -0.04 0.00	40.39 0.20 0.00	45.39 0.00 0.00	48.21 0.14 0.00	51.69 0.31 0.00	53.58 0.37 0.00	55.67 0.55 0.00	61.60 0.55 0.00	68.18 0.74 0.00	77.38 0.77 0.00	83.29 1.15 0.00	87.24 1.71 0.00	82.52 1.30 0.00	76.80 0.91 0.00	67.13 0.66 0.00	60.11 0.42 -0.14	54.54 0.59 -0.13
TRIGEN___CC 323695	50.07 3.62 0.00	45.31 3.40 0.00	40.15 2.91 0.00	39.74 2.50 0.00	38.80 2.44 0.00	38.88 2.61 0.00	38.79 2.50 0.00	40.94 2.50 0.00	43.20 3.01 0.00	48.65 2.95 -0.31	51.91 3.12 -0.72	54.92 2.31 -1.23	56.44 2.08 -1.15	57.66 1.82 -0.72	62.93 1.89 0.01	71.02 3.57 0.00	80.37 3.75 0.00	86.82 4.68 0.00	90.66 5.13 0.00	84.71 3.49 0.01	78.00 2.81 0.70	68.39 1.93 0.01	60.82 1.37 0.10	56.08 2.26 0.00
TRINITY__115KV__4 BK 55933	47.09 0.65 0.00	42.50 0.59 0.00	37.85 0.60 0.00	37.91 0.67 0.00	37.09 0.73 0.00	37.03 0.76 0.00	36.97 0.69 0.00	39.05 0.61 0.00	40.71 0.52 0.00	45.10 -0.05 0.24	47.40 -0.10 0.57	50.16 -0.26 0.96	51.98 -0.32 0.91	54.28 -0.28 0.56	60.86 -0.18 0.00	67.92 0.47 0.00	77.23 0.61 0.00	83.21 1.07 0.00	86.99 1.45 0.00	82.20 0.97 0.00	76.57 0.68 0.00	66.87 0.40 0.00	59.67 0.12 0.00	54.03 0.22 0.00
UNION___PROCESSING_DRP 323587	47.28 0.84 0.00	43.05 1.13 0.00	38.11 0.86 0.00	37.50 0.26 0.00	36.65 0.29 0.00	36.42 0.15 0.00	36.61 0.33 0.00	39.09 0.65 0.00	42.00 1.81 0.00	46.89 1.50 0.00	50.13 2.07 0.00	54.16 2.77 0.00	56.19 2.98 0.00	58.04 2.92 0.00	63.91 2.87 0.00	70.07 2.63 0.00	79.37 2.76 0.00	85.51 3.37 0.00	90.24 4.70 0.00	85.28 4.06 0.00	79.31 3.42 0.00	69.26 2.79 0.00	61.87 2.32 0.00	56.99 3.18 0.00
UPPER HUDSON___HYD 24058	49.18 2.74 0.00	44.30 2.39 0.00	39.41 2.16 0.00	39.48 2.23 0.00	38.51 2.14 0.00	38.37 2.10 0.00	38.32 2.03 0.00	40.43 2.00 0.00	42.36 2.17 0.00	46.85 1.72 0.26	48.70 1.25 0.62	51.62 1.29 1.05	53.39 1.17 0.99	55.88 1.38 0.62	62.69 1.65 0.00	70.21 2.77 0.00	80.06 3.45 0.00	86.82 4.68 0.00	92.03 6.50 0.00	87.07 5.85 0.00	81.36 5.47 0.00	70.86 4.39 0.00	63.06 3.51 0.00	56.88 3.07 0.00
UPPER RAQUET___HYD 24056	46.07 -0.37 0.00	41.50 -0.42 0.00	36.88 -0.37 0.00	36.87 -0.37 0.00	35.93 -0.43 0.00	35.84 -0.43 0.00	35.85 -0.43 0.00	37.98 -0.46 0.00	39.54 -0.64 0.00	45.48 0.09 0.00	47.97 -0.10 0.00	51.33 -0.05 0.00	53.16 -0.05 0.00	55.07 -0.06 0.00	60.80 -0.24 0.00	66.43 -1.01 0.00	75.70 -0.92 0.00	80.74 -1.40 0.00	83.23 -2.31 0.00	80.66 -0.56 0.00	75.82 -0.08 0.00	66.74 0.27 0.00	59.97 0.42 0.00	53.76 -0.05 0.00
VALLEY44_115KV_TB2 355964	46.30 -0.14 0.00	42.46 0.54 0.00	37.62 0.37 0.00	36.76 -0.48 0.00	36.22 -0.15 0.00	35.80 -0.47 0.00	36.21 -0.07 0.00	38.90 0.46 0.00	42.08 1.89 0.00	46.70 1.32 0.00	49.75 1.68 0.00	53.80 2.41 0.00	55.76 2.55 0.00	57.77 2.65 0.00	63.24 2.20 0.00	69.47 2.02 0.00	78.84 2.22 0.00	85.18 3.04 0.00	89.98 4.45 0.00	85.28 4.06 0.00	79.38 3.49 0.00	69.06 2.59 0.00	61.69 2.14 0.00	57.05 3.23 0.00
VALLEY___115KV_TB 1-4 80826	46.40 -0.05 0.00	41.83 -0.08 0.00	37.14 -0.11 0.00	37.13 -0.11 0.00	36.22 -0.15 0.00	36.20 -0.07 0.00	36.21 -0.07 0.00	38.36 -0.08 0.00	40.03 -0.16 0.00	45.16 -0.23 0.00	47.83 -0.24 0.00	51.13 -0.26 0.00	53.00 -0.21 0.00	54.96 -0.17 0.00	60.80 -0.24 0.00	67.44 0.00 0.00	76.61 0.00 0.00	82.22 0.08 0.00	85.88 0.34 0.00	81.22 0.00 0.00	75.66 -0.23 0.00	66.20 -0.27 0.00	59.07 -0.48 0.00	53.55 -0.27 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	49.23 2.79 0.00	44.43 2.51 0.00	39.37 2.12 0.00	39.48 2.23 0.00	38.58 2.22 0.00	38.59 2.32 0.00	38.64 2.36 0.00	41.01 2.58 0.00	42.68 2.49 0.00	48.02 2.63 0.00	50.76 2.69 0.00	54.31 2.93 0.00	56.30 3.09 0.00	58.48 3.36 0.00	64.53 3.48 0.00	71.96 4.52 0.00	81.59 4.98 0.00	87.72 5.59 0.00	91.95 6.41 0.00	86.67 5.44 0.00	80.52 4.63 0.00	70.46 3.99 0.00	62.65 3.10 0.00	56.99 3.18 0.00
VISCHER___FERRY HYD 24020	48.21 1.76 0.00	43.47 1.55 0.00	38.70 1.45 0.00	38.73 1.49 0.00	37.86 1.49 0.00	37.76 1.49 0.00	37.74 1.45 0.00	39.86 1.42 0.00	41.55 1.37 0.00	46.02 1.00 0.36	48.09 0.87 0.85	50.76 0.82 1.44	52.65 0.80 1.36	55.16 0.88 0.84	62.15 1.10 0.00	69.46 2.02 0.00	79.06 2.45 0.00	85.51 3.37 0.00	89.47 3.94 0.00	84.63 3.41 0.00	78.77 2.88 0.00	68.73 2.26 0.00	61.16 1.61 0.00	55.49 1.67 0.00
V_A_10_SYNC_DSASP 323832	46.44 0.00 0.00	42.59 0.67 0.00	37.73 0.48 0.00	36.91 -0.34 0.00	36.18 -0.18 0.00	35.87 -0.40 0.00	36.18 -0.11 0.00	38.67 0.23 0.00	41.88 1.69 0.00	46.39 1.00 0.00	49.56 1.49 0.00	53.54 2.16 0.00	55.50 2.29 0.00	57.27 2.15 0.00	62.82 1.77 0.00	68.79 1.35 0.00	77.99 1.38 0.00	84.03 1.89 0.00	88.70 3.16 0.00	83.90 2.68 0.00	78.09 2.20 0.00	68.06 1.60 0.00	60.86 1.31 0.00	56.67 2.85 0.00
V_CMM_10_SYNC_DSASP 323787	45.70 -0.74 0.00	41.20 -0.71 0.00	36.65 -0.60 0.00	36.64 -0.60 0.00	35.75 -0.62 0.00	35.62 -0.65 0.00	35.63 -0.65 0.00	37.78 -0.65 0.00	39.42 -0.76 0.00	45.16 -0.23 0.00	47.73 -0.33 0.00	51.03 -0.36 0.00	52.84 -0.37 0.00	54.74 -0.38 0.00	60.62 -0.42 0.00	66.23 -1.21 0.00	75.31 -1.30 0.00	80.09 -2.05 0.00	82.79 -2.74 0.00	79.51 -1.71 0.00	74.67 -1.22 0.00	65.68 -0.79 0.00	59.19 -0.36 0.00	53.06 -0.75 0.00
V_CMP_10_SYNC_DSASP 323788	45.33 -1.12 0.00	40.79 -1.13 0.00	36.25 -1.00 0.00	36.24 -1.00 0.00	35.31 -1.06 0.00	35.15 -1.12 0.00	35.16 -1.13 0.00	37.36 -1.08 0.00	39.06 -1.13 0.00	44.89 -0.50 0.00	47.20 -0.86 0.00	50.51 -0.87 0.00	52.31 -0.90 0.00	54.13 -0.99 0.00	59.88 -1.16 0.00	65.28 -2.16 0.00	74.47 -2.14 0.00	79.26 -2.88 0.00	82.20 -3.34 0.00	78.70 -2.52 0.00	73.92 -1.97 0.00	64.87 -1.60 0.00	58.36 -1.19 0.00	52.37 -1.45 0.00
V_D_10_SYNC_DSASP 323841	46.02 -0.42 0.00	41.50 -0.42 0.00	36.95 -0.30 0.00	36.94 -0.30 0.00	36.00 -0.36 0.00	35.91 -0.36 0.00	35.89 -0.40 0.00	38.05 -0.38 0.00	39.66 -0.52 0.00	45.57 0.18 0.00	48.16 0.10 0.00	51.49 0.10 0.00	53.32 0.11 0.00	55.23 0.11 0.00	61.05 0.00 0.00	66.64 -0.81 0.00	75.85 -0.77 0.00	80.66 -1.48 0.00	83.05 -2.48 0.00	80.25 -0.97 0.00	75.44 -0.45 0.00	66.34 -0.13 0.00	59.73 0.18 0.00	53.60 -0.21 0.00
V_E_10_SYNC_DSASP 323830	51.00 4.55 0.00	46.07 4.15 0.00	40.64 3.39 0.00	40.41 3.16 0.00	39.45 3.09 0.00	39.50 3.23 0.00	39.66 3.38 0.00	41.97 3.53 0.00	43.72 3.54 0.00	49.24 3.86 0.00	52.05 3.99 0.00	55.85 4.47 0.00	58.21 5.00 0.00	60.75 5.63 0.00	66.78 5.74 0.00	74.73 7.29 0.00	84.97 8.35 0.00	92.32 10.18 0.00	97.85 12.32 0.00	92.27 11.04 0.00	85.38 9.49 0.00	74.71 8.24 0.00	66.10 6.55 0.00	60.06 6.24 0.00

V_F_30_NSYNC___DSASP 323816	49.14 2.69 0.00	44.26 2.35 0.00	39.37 2.12 0.00	39.40 2.16 0.00	38.47 2.11 0.00	38.34 2.07 0.00	38.32 2.03 0.00	40.43 2.00 0.00	42.24 2.05 0.00	46.83 1.72 0.28	48.95 1.54 0.65	51.86 1.59 1.11	53.70 1.54 1.05	56.23 1.76 0.65	63.06 2.01 0.00	70.55 3.10 0.00	80.37 3.75 0.00	86.98 4.85 0.00	91.43 5.90 0.00	86.50 5.28 0.00	80.68 4.78 0.00	70.32 3.85 0.00	62.64 3.09 0.00	56.67 2.85 0.00
V_F_30_SYNC_DSASP 323786	47.33 0.88 0.00	42.71 0.80 0.00	38.03 0.78 0.00	38.10 0.86 0.00	37.24 0.87 0.00	37.18 0.91 0.00	37.12 0.83 0.00	39.21 0.77 0.00	40.91 0.72 0.00	45.32 0.18 0.25	47.63 0.14 0.58	50.45 0.05 0.98	52.28 0.00 0.93	54.60 0.06 0.58	61.23 0.18 0.00	68.39 0.94 0.00	77.76 1.15 0.00	83.78 1.64 0.00	87.59 2.05 0.00	82.77 1.54 0.00	77.11 1.21 0.00	67.27 0.80 0.00	60.03 0.48 0.00	54.41 0.59 0.00
V_XM_10_SYNC_DSASP 323789	45.33 -1.12 0.00	40.79 -1.13 0.00	36.25 -1.00 0.00	36.24 -1.00 0.00	35.31 -1.06 0.00	35.15 -1.12 0.00	35.16 -1.13 0.00	37.36 -1.08 0.00	39.06 -1.13 0.00	44.89 -0.50 0.00	47.20 -0.86 0.00	50.51 -0.87 0.00	52.31 -0.90 0.00	54.13 -0.99 0.00	59.88 -1.16 0.00	65.28 -2.16 0.00	74.47 -2.14 0.00	79.26 -2.88 0.00	82.20 -3.34 0.00	78.70 -2.52 0.00	73.92 -1.97 0.00	64.87 -1.60 0.00	58.36 -1.19 0.00	52.37 -1.45 0.00
W.BABYLN_69_KV_BK1 56697	51.04 4.60 0.00	46.23 4.32 0.00	40.97 3.72 0.00	40.41 3.17 0.00	39.42 3.05 0.00	39.57 3.30 0.00	39.37 3.08 0.00	41.51 3.07 0.00	43.92 3.74 0.00	49.56 3.86 -0.31	52.78 3.99 -0.72	55.64 3.03 -1.23	57.08 2.71 -1.15	58.21 2.43 -0.66	63.36 2.56 0.25	71.96 4.52 0.00	81.16 4.67 0.13	88.05 5.91 0.00	92.03 6.50 0.00	85.60 4.39 0.01	76.82 3.57 2.64	69.06 2.79 0.20	59.20 1.97 2.31	56.94 3.12 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	49.42 2.97 0.00	44.56 2.64 0.00	39.52 2.27 0.00	39.36 2.12 0.00	38.55 2.18 0.00	38.52 2.25 0.00	38.46 2.18 0.00	40.74 2.31 0.00	42.68 2.49 0.00	48.08 2.41 -0.29	51.24 2.50 -0.68	54.89 2.36 -1.15	56.69 2.39 -1.08	58.17 2.37 -0.67	63.67 2.62 0.00	71.49 4.05 0.00	81.13 4.52 0.00	87.31 5.17 0.00	91.35 5.82 0.00	85.77 4.55 0.00	79.76 3.87 0.00	69.33 2.86 0.00	61.87 2.32 0.00	56.35 2.53 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	49.69 3.25 0.00	44.81 2.89 0.00	39.75 2.50 0.00	39.55 2.31 0.00	38.73 2.36 0.00	38.70 2.43 0.00	38.68 2.39 0.00	40.97 2.54 0.00	43.00 2.81 0.00	48.42 2.72 -0.31	51.58 2.79 -0.72	55.18 2.57 -1.23	56.92 2.55 -1.16	58.38 2.54 -0.72	63.73 2.69 0.00	71.56 4.11 0.00	81.21 4.60 0.00	87.31 5.17 0.00	91.26 5.73 0.00	85.69 4.47 0.00	79.61 3.72 0.00	69.06 2.59 0.00	61.75 2.20 0.00	56.40 2.58 0.00
W50THST__13_KV_LOAD 356117	49.93 3.48 0.00	45.02 3.10 0.00	39.93 2.68 0.00	39.74 2.50 0.00	38.91 2.55 0.00	38.88 2.61 0.00	38.86 2.58 0.00	41.20 2.77 0.00	43.24 3.05 0.00	48.74 3.04 -0.31	51.91 3.12 -0.72	55.54 2.93 -1.23	57.30 2.93 -1.16	58.76 2.92 -0.72	64.10 3.05 0.00	72.03 4.59 0.00	81.75 5.13 0.00	87.89 5.75 0.00	91.78 6.24 0.00	86.18 4.95 0.00	80.07 4.17 0.00	69.39 2.92 0.00	62.17 2.62 0.00	56.72 2.91 0.00
WADING RIVER_IC_1 23522	50.16 3.72 0.00	45.10 3.18 0.00	40.41 3.16 0.00	39.66 2.42 0.00	38.62 2.26 0.00	38.99 2.72 0.00	38.46 2.18 0.00	40.67 2.23 0.00	43.08 2.90 0.00	48.65 2.95 -0.31	51.24 2.45 -0.72	53.90 1.29 -1.23	55.42 1.06 -1.15	57.01 1.27 -0.62	61.77 1.16 0.43	70.27 2.83 0.00	79.53 3.14 0.23	86.90 4.76 0.00	90.58 5.05 0.00	84.06 2.84 0.01	74.57 1.67 2.99	67.33 1.20 0.34	57.22 0.42 2.75	54.57 0.75 0.00
WADING RIVER_IC_2 23547	50.16 3.72 0.00	45.10 3.18 0.00	40.41 3.16 0.00	39.66 2.42 0.00	38.62 2.26 0.00	38.99 2.72 0.00	38.46 2.18 0.00	40.67 2.23 0.00	43.08 2.90 0.00	48.65 2.95 -0.31	51.24 2.45 -0.72	53.90 1.29 -1.23	55.42 1.06 -1.15	57.01 1.27 -0.62	61.77 1.16 0.43	70.27 2.83 0.00	79.53 3.14 0.23	86.90 4.76 0.00	90.58 5.05 0.00	84.06 2.84 0.01	74.57 1.67 2.99	67.33 1.20 0.34	57.22 0.42 2.75	54.57 0.75 0.00
WADING RIVER_IC_3 23601	50.16 3.72 0.00	45.10 3.18 0.00	40.41 3.16 0.00	39.66 2.42 0.00	38.62 2.26 0.00	38.99 2.72 0.00	38.46 2.18 0.00	40.67 2.23 0.00	43.08 2.90 0.00	48.65 2.95 -0.31	51.24 2.45 -0.72	53.90 1.29 -1.23	55.42 1.06 -1.15	57.01 1.27 -0.62	61.77 1.16 0.43	70.27 2.83 0.00	79.53 3.14 0.23	86.90 4.76 0.00	90.58 5.05 0.00	84.06 2.84 0.01	74.57 1.67 2.99	67.33 1.20 0.34	57.22 0.42 2.75	54.57 0.75 0.00
WALDENNY_12_KV_BK2 80841	46.91 0.46 0.00	43.13 1.22 0.00	38.18 0.93 0.00	37.09 -0.15 0.00	36.58 0.22 0.00	36.05 -0.22 0.00	36.61 0.33 0.00	39.32 0.88 0.00	42.76 2.57 0.00	47.29 1.91 0.00	50.42 2.36 0.00	54.57 3.19 0.00	56.62 3.41 0.00	58.54 3.42 0.00	63.85 2.81 0.00	70.01 2.56 0.00	79.30 2.68 0.00	85.59 3.45 0.00	90.49 4.96 0.00	85.69 4.47 0.00	79.76 3.87 0.00	69.39 2.92 0.00	62.05 2.50 0.00	58.01 4.20 0.00
WALDEN__HYDRO 24148	49.09 2.65 0.00	44.26 2.35 0.00	39.30 2.05 0.00	39.18 1.94 0.00	38.29 1.93 0.00	38.30 2.03 0.00	38.24 1.96 0.00	40.47 2.04 0.00	42.36 2.17 0.00	47.63 2.00 -0.24	50.65 2.02 -0.57	54.25 1.90 -0.97	56.04 1.92 -0.91	57.62 1.93 -0.57	63.18 2.14 0.00	70.88 3.44 0.00	80.52 3.91 0.00	86.74 4.60 0.00	90.75 5.22 0.00	85.28 4.06 0.00	79.38 3.49 0.00	69.06 2.59 0.00	61.63 2.08 0.00	56.08 2.26 0.00
WARRENSBURG____ 23737	49.18 2.74 0.00	44.35 2.43 0.00	39.48 2.23 0.00	39.48 2.23 0.00	38.51 2.15 0.00	38.41 2.14 0.00	38.32 2.03 0.00	40.44 2.00 0.00	42.40 2.21 0.00	46.89 1.77 0.26	48.75 1.30 0.62	51.62 1.28 1.05	53.39 1.17 0.99	55.94 1.43 0.62	62.69 1.65 0.00	70.21 2.77 0.00	80.06 3.45 0.00	86.66 4.52 0.00	91.78 6.24 0.00	86.99 5.77 0.00	81.36 5.46 0.00	70.86 4.39 0.00	63.06 3.51 0.00	56.88 3.07 0.00
WATERSIDE____6 8 9 23538	49.79 3.34 0.00	44.89 2.98 0.00	39.86 2.61 0.00	39.62 2.38 0.00	38.80 2.44 0.00	38.77 2.50 0.00	38.72 2.43 0.00	40.94 2.50 0.00	42.88 2.69 0.00	48.28 2.59 -0.31	51.38 2.60 -0.72	54.92 2.31 -1.23	56.60 2.23 -1.16	58.05 2.20 -0.72	63.23 2.20 0.01	71.08 3.64 0.01	80.67 4.06 0.01	86.81 4.68 0.01	90.66 5.13 0.01	85.11 3.90 0.01	79.07 3.19 0.01	68.65 2.19 0.01	61.40 1.85 0.00	56.24 2.42 0.00
WATKINRD_115KV_LN8_ILLION 55919	46.44 0.00 0.00	41.87 -0.04 0.00	37.21 -0.04 0.00	37.20 -0.04 0.00	36.33 -0.04 0.00	36.27 0.00 0.00	36.28 0.00 0.00	38.44 0.00 0.00	40.11 -0.08 0.00	45.25 -0.14 0.00	47.87 -0.19 0.00	51.18 -0.21 0.00	53.05 -0.16 0.00	54.96 -0.17 0.00	60.86 -0.18 0.00	67.51 0.07 0.00	76.69 0.08 0.00	82.30 0.16 0.00	85.96 0.43 0.00	81.39 0.16 0.00	75.89 0.00 0.00	66.40 -0.07 0.00	59.25 -0.30 0.00	53.65 -0.16 0.00

WDELAWARE___HYD 323627	48.90 2.46 0.00	43.97 2.05 0.00	39.00 1.75 0.00	38.92 1.68 0.00	38.04 1.67 0.00	38.01 1.74 0.00	37.99 1.71 0.00	40.24 1.81 0.00	41.99 1.85 0.04	47.14 1.72 -0.03	49.92 1.64 -0.22	53.44 1.59 -0.46	55.23 1.65 -0.37	56.92 1.76 -0.03	62.41 1.95 0.59	69.90 3.24 0.78	79.26 3.68 1.03	86.82 4.68 0.00	90.84 5.30 0.00	85.28 4.06 0.00	79.31 3.42 0.00	69.06 2.59 0.00	61.51 1.96 0.00	55.91 2.10 0.00
WEST BABYLON___IC 23714	51.04 4.60 0.00	46.23 4.32 0.00	40.97 3.72 0.00	40.41 3.17 0.00	39.42 3.05 0.00	39.57 3.30 0.00	39.37 3.08 0.00	41.51 3.07 0.00	43.92 3.74 0.00	49.56 3.86 -0.31	52.78 3.99 -0.72	55.64 3.03 -1.23	57.08 2.71 -1.15	58.21 2.43 -0.66	63.36 2.56 0.25	71.96 4.52 0.00	81.16 4.67 0.13	88.05 5.91 0.00	92.03 6.50 0.00	85.60 4.39 0.01	76.82 3.57 2.64	69.06 2.79 0.20	59.20 1.97 2.31	56.94 3.12 0.00
WEST CANADA___HYD 24049	46.72 0.28 0.00	42.17 0.25 0.00	37.47 0.22 0.00	37.47 0.22 0.00	36.58 0.22 0.00	36.53 0.26 0.00	36.54 0.26 0.00	38.71 0.27 0.00	40.43 0.24 0.00	45.52 0.14 0.00	48.21 0.14 0.00	51.49 0.10 0.00	53.32 0.11 0.00	55.29 0.17 0.00	61.23 0.18 0.00	67.85 0.41 0.00	77.08 0.46 0.00	82.79 0.65 0.00	86.39 0.86 0.00	81.87 0.65 0.00	76.35 0.46 0.00	66.80 0.33 0.00	59.73 0.18 0.00	54.09 0.27 0.00
WESTERN_NY_WIND 24143	48.02 1.58 0.00	43.97 2.05 0.00	38.89 1.64 0.00	37.73 0.48 0.00	37.16 0.80 0.00	36.67 0.40 0.00	37.16 0.87 0.00	39.82 1.38 0.00	43.16 2.97 0.00	47.61 2.22 0.00	50.81 2.74 0.00	55.03 3.65 0.00	57.09 3.88 0.00	58.92 3.80 0.00	64.59 3.54 0.00	70.61 3.17 0.00	80.14 3.52 0.00	86.66 4.52 0.00	92.12 6.59 0.00	87.15 5.93 0.00	81.05 5.16 0.00	70.72 4.25 0.00	63.12 3.57 0.00	58.87 5.06 0.00
WESTOVER___LESR 323668	47.56 1.11 0.00	43.05 1.13 0.00	38.18 0.93 0.00	38.02 0.78 0.00	37.20 0.84 0.00	37.00 0.73 0.00	37.08 0.80 0.00	39.40 0.96 0.00	41.47 1.29 0.00	46.43 1.04 0.00	49.32 1.25 0.00	52.87 1.49 0.00	54.81 1.60 0.00	56.94 1.82 0.00	62.82 1.77 0.00	69.60 2.16 0.00	78.99 2.38 0.00	85.10 2.96 0.00	89.38 3.85 0.00	84.47 3.25 0.00	78.70 2.81 0.00	68.73 2.26 0.00	61.34 1.79 0.00	55.86 2.05 0.00
WETHRSFD_WT_PWR 323626	46.72 0.28 0.00	43.22 1.30 0.00	38.03 0.78 0.00	36.87 -0.37 0.00	36.22 -0.14 0.00	35.84 -0.43 0.00	36.28 0.00 0.00	38.74 0.31 0.00	41.84 1.65 0.00	46.34 0.95 0.00	49.56 1.49 0.00	53.44 2.06 0.00	55.55 2.34 0.00	57.38 2.26 0.00	62.75 1.71 0.00	68.79 1.35 0.00	77.99 1.38 0.00	84.60 2.46 0.00	89.64 4.11 0.00	85.12 3.90 0.00	79.38 3.49 0.00	69.20 2.73 0.00	62.23 2.68 0.00	57.42 3.61 0.00
WHAVSTOR_138KV_BK127 55557	49.14 2.69 0.00	44.35 2.43 0.00	39.34 2.09 0.00	39.22 1.97 0.00	38.36 2.00 0.00	38.34 2.07 0.00	38.28 2.00 0.00	40.55 2.11 0.00	42.48 2.29 0.00	47.86 2.18 -0.29	50.95 2.21 -0.68	54.64 2.11 -1.15	56.37 2.08 -1.09	57.84 2.04 -0.68	63.24 2.20 0.00	71.02 3.57 0.00	80.60 3.98 0.00	86.74 4.60 0.00	90.66 5.13 0.00	85.20 3.98 0.00	79.23 3.34 0.00	68.86 2.39 0.00	61.45 1.91 0.00	56.02 2.21 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	49.14 2.69 0.00	44.35 2.43 0.00	39.34 2.09 0.00	39.22 1.97 0.00	38.36 2.00 0.00	38.34 2.07 0.00	38.28 2.00 0.00	40.55 2.11 0.00	42.48 2.29 0.00	47.86 2.18 -0.29	50.95 2.21 -0.68	54.64 2.11 -1.15	56.37 2.08 -1.09	57.84 2.04 -0.68	63.24 2.20 0.00	71.02 3.57 0.00	80.60 3.98 0.00	86.74 4.60 0.00	90.66 5.13 0.00	85.20 3.98 0.00	79.23 3.34 0.00	68.86 2.39 0.00	61.45 1.91 0.00	56.02 2.21 0.00
WHITEHAL_115KV_TB1 80871	50.48 4.04 0.00	45.48 3.56 0.00	40.42 3.17 0.00	40.41 3.17 0.00	39.42 3.05 0.00	39.28 3.01 0.00	39.19 2.90 0.00	41.28 2.84 0.00	43.32 3.13 0.00	47.89 2.77 0.27	49.79 2.36 0.63	52.77 2.47 1.08	54.59 2.39 1.02	57.25 2.76 0.63	64.16 3.11 0.00	71.96 4.52 0.00	82.21 5.59 0.00	89.20 7.06 0.00	94.69 9.15 0.00	89.83 8.61 0.00	84.01 8.12 0.00	73.12 6.65 0.00	64.97 5.42 0.00	58.50 4.68 0.00
WHITEPLN_13_KV_LOAD 356215	49.93 3.48 0.00	45.02 3.10 0.00	39.93 2.68 0.00	39.74 2.50 0.00	38.87 2.51 0.00	38.85 2.58 0.00	38.79 2.50 0.00	41.13 2.69 0.00	43.12 2.93 0.00	48.56 2.86 -0.31	51.86 3.08 -0.72	55.64 3.03 -1.22	57.40 3.03 -1.16	58.76 2.92 -0.72	64.40 3.36 0.00	72.37 4.92 0.00	82.13 5.52 0.00	88.46 6.32 0.00	92.55 7.01 0.00	86.83 5.60 0.00	80.67 4.78 0.00	69.99 3.52 0.00	62.47 2.92 0.00	56.88 3.07 0.00
WM_FLOYD_69_KV_BK2 356380	50.58 4.13 0.00	45.86 3.94 0.00	40.75 3.50 0.00	40.00 2.76 0.00	39.02 2.65 0.00	39.28 3.01 0.00	39.08 2.79 0.00	41.01 2.58 0.00	43.48 3.30 0.00	49.01 3.31 -0.31	52.10 3.32 -0.72	54.92 2.31 -1.23	56.33 1.97 -1.15	57.39 1.65 -0.62	62.17 1.59 0.47	70.95 3.51 0.00	80.05 3.68 0.25	87.15 5.01 0.00	91.18 5.65 0.00	84.63 3.41 0.01	75.26 2.35 2.98	67.84 1.73 0.36	57.87 1.07 2.75	56.18 2.37 0.00
WOODARD___115KV_TB2 355635	46.44 0.00 0.00	41.95 0.00 -0.03	37.21 -0.04 0.00	37.09 -0.15 0.00	36.22 -0.15 0.00	36.05 -0.22 0.00	36.10 -0.18 0.00	38.28 -0.15 0.00	40.27 0.08 0.00	45.25 -0.14 0.00	48.07 0.00 0.00	51.54 0.15 0.00	53.42 0.21 0.00	55.51 0.39 0.00	61.35 0.31 0.00	67.92 0.47 0.00	77.07 0.46 0.00	82.88 0.74 0.00	86.73 1.20 0.00	82.04 0.81 0.00	76.42 0.53 0.00	66.80 0.33 0.00	59.98 0.12 -0.31	54.49 0.38 -0.30
WOODMERE_69_KV_BK1 55827	51.00 4.55 0.00	46.15 4.23 0.00	40.86 3.61 0.00	40.41 3.17 0.00	39.45 3.09 0.00	39.54 3.26 0.00	39.41 3.12 0.00	41.63 3.19 0.00	43.97 3.78 0.00	49.60 3.90 -0.31	52.97 4.18 -0.72	56.10 3.49 -1.23	57.72 3.35 -1.15	59.04 3.20 -0.72	64.52 3.48 0.01	72.77 5.33 0.00	82.51 5.90 0.00	89.20 7.06 0.00	93.15 7.61 0.00	86.90 5.69 0.01	80.28 4.71 0.31	70.05 3.59 0.01	63.37 2.80 -1.02	57.37 3.55 0.00
YORK___WARBASSE 23770	50.12 3.67 -0.01	45.19 3.27 -0.01	40.13 2.87 -0.01	39.89 2.64 -0.01	39.06 2.69 -0.01	38.99 2.72 0.00	38.86 2.58 0.00	41.01 2.58 0.00	42.88 2.69 0.00	48.37 2.68 -0.31	51.29 2.50 -0.72	54.82 2.21 -1.23	56.55 2.18 -1.16	58.05 2.20 -0.72	63.30 2.26 0.01	71.35 3.91 0.01	81.05 4.44 0.01	87.14 5.01 0.01	91.08 5.56 0.01	85.52 4.30 0.01	79.37 3.49 0.01	68.85 2.39 0.01	61.40 1.85 0.00	56.35 2.53 0.00