

# Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion												
Generator Data																											06/28/2025							
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		36.63	31.12	28.38	29.54	28.40	29.51	28.37	31.60	35.24	39.03	43.03	44.55	44.90	48.00	47.87	53.31	56.14	67.35	68.75	70.77	68.30	58.23	52.89	47.80									
24138		3.18	2.70	2.27	2.41	2.44	2.49	2.51	2.87	3.29	3.61	3.66	3.79	3.90	4.16	4.55	5.37	5.97	7.16	7.15	7.18	6.77	5.10	4.59	3.99									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
74TH STREET_GT_1		36.76	31.20	28.45	29.62	28.47	29.59	28.45	31.68	35.31	39.10	43.15	44.63	44.99	48.13	48.00	53.41	56.29	67.47	68.93	70.89	68.48	58.39	53.04	47.94									
24260		3.31	2.78	2.35	2.50	2.52	2.57	2.59	2.96	3.35	3.68	3.78	3.87	3.98	4.30	4.68	5.47	6.12	7.28	7.33	7.31	6.95	5.26	4.73	4.12									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
74TH STREET_GT_2		36.76	31.20	28.45	29.62	28.47	29.59	28.45	31.68	35.31	39.10	43.15	44.63	44.99	48.13	48.00	53.41	56.29	67.47	68.93	70.89	68.48	58.39	53.04	47.94									
24261		3.31	2.78	2.35	2.50	2.52	2.57	2.59	2.96	3.35	3.68	3.78	3.87	3.98	4.30	4.68	5.47	6.12	7.28	7.33	7.31	6.95	5.26	4.73	4.12									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK HUDSON___FALLS		36.13	30.69	28.01	29.21	27.93	29.18	27.85	30.77	34.22	37.75	40.63	41.98	42.03	44.80	44.49	49.62	52.08	62.72	64.87	67.01	65.04	56.10	50.96	46.14									
24011		2.68	2.27	1.91	2.09	1.97	2.16	1.99	2.04	2.27	2.34	1.26	1.22	1.03	0.96	1.17	1.68	1.91	2.53	3.26	3.43	3.51	2.98	2.66	2.32									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK RESOURCE___RCVRY		36.66	31.15	28.35	29.56	28.26	29.59	28.22	31.05	34.57	38.18	40.78	42.10	42.07	44.84	44.57	49.71	52.18	62.83	65.30	67.59	65.65	56.63	51.54	46.66									
23798		3.21	2.73	2.25	2.44	2.31	2.57	2.35	2.33	2.62	2.76	1.42	1.34	1.06	1.01	1.26	1.77	2.01	2.65	3.70	4.01	4.12	3.51	3.24	2.85									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK S GLENS___FALLS		36.13	30.69	28.01	29.21	27.93	29.18	27.85	30.77	34.22	37.75	40.63	41.98	42.03	44.80	44.49	49.62	52.08	62.72	64.87	67.01	65.04	56.10	50.96	46.14									
24028		2.68	2.27	1.91	2.09	1.97	2.16	1.99	2.04	2.27	2.34	1.26	1.22	1.03	0.96	1.17	1.68	1.91	2.53	3.26	3.43	3.51	2.98	2.66	2.32									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK_NYS___DAM		36.26	30.83	28.25	29.40	28.19	29.35	28.06	31.46	34.92	38.28	42.16	43.49	43.63	46.46	46.22	51.15	53.98	64.89	66.28	68.29	65.90	56.37	51.15	46.18									
23527		2.81	2.41	2.14	2.28	2.23	2.32	2.20	2.73	2.97	2.87	2.80	2.73	2.63	2.63	2.90	3.21	3.81	4.70	4.68	4.70	4.37	3.24	2.85	2.36									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
AIR_PRODUCTS___DRP		34.15	29.07	26.68	27.80	26.63	27.72	26.46	29.30	32.56	35.98	39.68	41.00	41.25	44.10	43.79	48.66	51.02	61.27	62.71	64.66	62.57	53.93	48.93	44.30									
24190		0.70	0.65	0.57	0.68	0.67	0.70	0.59	0.57	0.61	0.57	0.31	0.24	0.25	0.26	0.48	0.72	0.85	1.08	1.11	1.08	1.05	0.80	0.63	0.48									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
AKWESSNE_115KV_BK		32.45	27.45	25.24	26.23	25.10	26.05	25.01	27.84	31.02	34.56	38.54	39.94	40.27	43.00	42.41	46.89	48.97	58.62	60.00	61.93	60.18	52.38	47.58	43.16									
355683		-1.00	-0.97	-0.86	-0.90	-0.86	-0.97	-0.85	-0.89	-0.93	-0.85	-0.83	-0.82	-0.74	-0.83	-0.91	-1.05	-1.20	-1.56	-1.60	-1.65	-1.35	-0.74	-0.72	-0.66									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ALBANY_1_SOLAR		34.79	29.61	27.15	28.29	27.07	28.24	26.90	29.70	32.91	36.33	40.08	41.37	41.58	44.49	44.14	49.09	51.47	61.81	63.45	65.55	63.56	54.83	49.90	45.26									
323833		1.34	1.19	1.05	1.17	1.12	1.22	1.04	0.98	0.96	0.92	0.71	0.61	0.57	0.66	0.82	1.15	1.30	1.63	1.85	1.97	2.03	1.70	1.59	1.44									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ALBANY_2_SOLAR		34.75	29.61	27.15	28.29	27.07	28.24	26.90	29.70	32.91	36.33	40.08	41.37	41.58	44.49	44.14	49.09	51.47	61.81	63.45	65.55	63.56	54.83	49.90	45.26									
323834		1.30	1.19	1.05	1.17	1.12	1.22	1.04	0.98	0.96	0.92	0.71	0.61	0.57	0.66	0.82	1.15	1.30	1.63	1.85	1.97	2.03	1.70	1.59	1.44									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		34.15	29.07	26.68	27.80	26.63	27.72	26.46	29.30	32.56	35.98	39.68	41.00	41.25	44.10	43.79	48.66	51.02	61.27	62.71	64.66	62.57	53.93	48.93	44.30									
23571		0.70	0.65	0.57	0.68	0.67	0.70	0.59	0.57	0.61	0.57	0.31	0.24	0.25	0.26	0.48	0.72	0.85	1.08	1.11	1.08	1.05	0.80	0.63	0.48									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									

ALBANY___2 23572	34.15 0.70 0.00	29.07 0.65 0.00	26.68 0.57 0.00	27.80 0.68 0.00	26.63 0.67 0.00	27.72 0.70 0.00	26.46 0.59 0.00	29.30 0.57 0.00	32.56 0.61 0.00	35.98 0.57 0.00	39.68 0.31 0.00	41.00 0.24 0.00	41.25 0.25 0.00	44.10 0.26 0.00	43.79 0.48 0.00	48.66 0.72 0.00	51.02 0.85 0.00	61.27 1.08 0.00	62.71 1.11 0.00	64.66 1.08 0.00	62.57 1.05 0.00	53.93 0.80 0.00	48.93 0.63 0.00	44.30 0.48 0.00
ALBANY___3 23573	34.15 0.70 0.00	29.07 0.65 0.00	26.68 0.57 0.00	27.80 0.68 0.00	26.63 0.67 0.00	27.72 0.70 0.00	26.46 0.59 0.00	29.30 0.57 0.00	32.56 0.61 0.00	35.98 0.57 0.00	39.68 0.31 0.00	41.00 0.24 0.00	41.25 0.25 0.00	44.10 0.26 0.00	43.79 0.48 0.00	48.66 0.72 0.00	51.02 0.85 0.00	61.27 1.08 0.00	62.71 1.11 0.00	64.66 1.08 0.00	62.57 1.05 0.00	53.93 0.80 0.00	48.93 0.63 0.00	44.30 0.48 0.00
ALBANY___4 23574	34.15 0.70 0.00	29.07 0.65 0.00	26.68 0.57 0.00	27.80 0.68 0.00	26.63 0.67 0.00	27.72 0.70 0.00	26.46 0.59 0.00	29.30 0.57 0.00	32.56 0.61 0.00	35.98 0.57 0.00	39.68 0.31 0.00	41.00 0.24 0.00	41.25 0.25 0.00	44.10 0.26 0.00	43.79 0.48 0.00	48.66 0.72 0.00	51.02 0.85 0.00	61.27 1.08 0.00	62.71 1.11 0.00	64.66 1.08 0.00	62.57 1.05 0.00	53.93 0.80 0.00	48.93 0.63 0.00	44.30 0.48 0.00
ALBANY___LFGE 323615	34.49 1.04 0.00	29.35 0.94 0.00	26.89 0.78 0.00	28.02 0.89 0.00	26.84 0.88 0.00	27.97 0.95 0.00	26.69 0.83 0.00	29.53 0.80 0.00	32.81 0.86 0.00	36.30 0.89 0.00	40.04 0.67 0.00	41.37 0.61 0.00	41.62 0.62 0.00	44.53 0.70 0.00	44.18 0.87 0.00	49.09 1.15 0.00	51.47 1.30 0.00	61.69 1.51 0.00	63.20 1.60 0.00	65.17 1.59 0.00	63.07 1.54 0.00	54.30 1.17 0.00	49.36 1.06 0.00	44.74 0.92 0.00
ALCOA_PA_115KV_PL-6C 55860	32.58 -0.87 0.00	27.56 -0.85 0.00	25.37 -0.73 0.00	26.36 -0.76 0.00	25.23 -0.73 0.00	26.16 -0.86 0.00	25.11 -0.75 0.00	27.95 -0.78 0.00	31.15 -0.80 0.00	34.71 -0.71 0.00	38.70 -0.67 0.00	40.10 -0.65 0.00	40.43 -0.57 0.00	43.22 -0.61 0.00	42.62 -0.69 0.00	47.08 -0.86 0.00	49.17 -1.00 0.00	58.86 -1.32 0.00	60.25 -1.36 0.00	62.25 -1.34 0.00	60.54 -0.98 0.00	52.81 -0.32 0.00	47.97 -0.34 0.00	43.51 -0.31 0.00
ALCOA_RYNLDS___DRP 24188	32.58 -0.87 0.00	27.56 -0.85 0.00	25.37 -0.73 0.00	26.36 -0.76 0.00	25.23 -0.73 0.00	26.16 -0.86 0.00	25.11 -0.75 0.00	27.95 -0.78 0.00	31.15 -0.80 0.00	34.71 -0.71 0.00	38.70 -0.67 0.00	40.10 -0.65 0.00	40.43 -0.57 0.00	43.22 -0.61 0.00	42.62 -0.69 0.00	47.08 -0.86 0.00	49.17 -1.00 0.00	58.86 -1.32 0.00	60.25 -1.36 0.00	62.25 -1.34 0.00	60.54 -0.98 0.00	52.81 -0.32 0.00	47.97 -0.34 0.00	43.51 -0.31 0.00
ALCOA___DSASP 323711	32.58 -0.87 0.00	27.56 -0.85 0.00	25.37 -0.73 0.00	26.36 -0.76 0.00	25.23 -0.73 0.00	26.16 -0.87 0.00	25.09 -0.78 0.00	27.95 -0.77 0.00	31.15 -0.80 0.00	34.71 -0.71 0.00	38.70 -0.67 0.00	40.10 -0.65 0.00	40.43 -0.57 0.00	43.22 -0.61 0.00	42.62 -0.69 0.00	47.08 -0.86 0.00	49.12 -1.06 0.00	58.81 -1.38 0.00	60.25 -1.36 0.00	62.31 -1.27 0.00	60.54 -0.99 0.00	52.86 -0.26 0.00	47.97 -0.34 0.00	43.51 -0.30 0.00
ALLEGHENY___COGEN 23514	34.75 1.30 0.00	29.84 1.42 0.00	27.38 1.28 0.00	28.13 1.00 0.00	26.63 0.67 0.00	27.78 0.76 0.00	26.87 1.01 0.00	29.64 0.92 0.00	32.75 0.80 0.00	35.91 0.50 0.00	39.84 0.47 0.00	41.33 0.57 0.00	41.58 0.57 0.00	44.36 0.53 0.00	43.36 0.04 0.00	47.65 -0.29 0.00	49.97 -0.20 0.00	60.97 0.78 0.00	63.20 1.60 0.00	66.89 3.30 0.00	65.34 3.82 0.00	57.01 3.88 0.00	52.02 3.72 0.00	47.24 3.42 0.00
ALTAMONT_115KV_TB 2 55880	34.55 1.10 0.00	29.41 0.99 0.00	26.99 0.89 0.00	28.10 0.98 0.00	26.94 0.99 0.00	28.05 1.03 0.00	26.77 0.91 0.00	29.67 0.95 0.00	32.97 1.02 0.00	36.44 1.03 0.00	40.27 0.91 0.00	41.65 0.90 0.00	41.91 0.90 0.00	44.80 0.96 0.00	44.44 1.13 0.00	49.33 1.39 0.00	51.78 1.61 0.00	62.18 1.99 0.00	63.57 1.97 0.00	65.62 2.03 0.00	63.50 1.97 0.00	54.67 1.54 0.00	49.66 1.35 0.00	44.96 1.14 0.00
ALTONA_WT_PWR 323606	32.18 -1.27 0.00	27.17 -1.25 0.00	24.96 -1.15 0.00	25.93 -1.19 0.00	24.79 -1.17 0.00	25.72 -1.30 0.00	24.70 -1.16 0.00	27.61 -1.12 0.00	30.87 -1.09 0.00	34.46 -0.95 0.00	38.46 -0.90 0.00	39.86 -0.90 0.00	40.19 -0.82 0.00	42.96 -0.88 0.00	42.36 -0.95 0.00	46.79 -1.15 0.00	48.82 -1.35 0.00	58.38 -1.80 0.00	59.76 -1.85 0.00	61.74 -1.85 0.00	60.12 -1.41 0.00	52.65 -0.48 0.00	47.87 -0.44 0.00	43.38 -0.44 0.00
AMERICAN_REF_FUEL 24010	32.95 -0.50 0.00	28.53 0.11 0.00	26.21 0.10 0.00	26.77 -0.35 0.00	25.18 -0.78 0.00	26.29 -0.73 0.00	25.71 -0.15 0.00	28.30 -0.43 0.00	31.54 -0.42 0.00	35.20 -0.21 0.00	39.41 0.04 0.00	40.92 0.16 0.00	41.17 0.16 0.00	44.10 0.26 0.00	42.93 -0.39 0.00	46.98 -0.96 0.00	48.77 -1.40 0.00	58.86 -1.32 0.00	60.00 -1.60 0.00	62.75 -0.83 0.00	60.61 -0.92 0.00	52.44 -0.69 0.00	48.30 0.00 0.00	44.04 0.22 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.78 -0.67 0.00	28.33 -0.08 0.00	26.16 0.05 0.00	26.72 -0.41 0.00	25.23 -0.73 0.00	26.43 -0.59 0.00	25.91 0.05 0.00	28.58 -0.14 0.00	32.02 0.06 0.00	35.77 0.35 0.00	39.96 0.59 0.00	41.49 0.73 0.00	41.70 0.70 0.00	44.62 0.79 0.00	43.45 0.13 0.00	47.65 -0.29 0.00	49.72 -0.45 0.00	60.19 0.00 0.00	61.66 0.06 0.00	64.98 1.40 0.00	63.00 1.47 0.00	54.56 1.44 0.00	50.28 1.98 0.00	45.79 1.97 0.00
ARTHUR KILL_GT_1 23520	36.74 3.28 -0.01	31.15 2.73 -0.01	28.35 2.25 0.00	29.54 2.41 0.00	28.40 2.44 -0.01	29.37 2.35 0.00	28.16 2.30 0.00	31.34 2.61 0.00	34.83 2.88 0.00	38.60 3.19 0.00	42.68 3.31 0.00	44.22 3.46 0.00	44.62 3.61 0.00	47.42 3.59 0.01	47.39 4.07 0.00	52.82 4.89 0.01	55.59 5.42 0.00	66.57 6.38 0.00	68.07 6.47 0.00	69.94 6.36 0.00	67.56 6.03 0.00	57.49 4.36 0.00	52.36 4.06 0.00	47.80 3.99 0.00
ARTHUR_KILL_2 23512	36.60 3.14 -0.01	31.04 2.61 -0.01	28.27 2.17 0.00	29.46 2.33 0.00	28.30 2.34 -0.01	29.29 2.27 0.00	28.09 2.22 0.00	31.25 2.53 0.00	34.73 2.78 0.00	38.49 3.08 0.00	42.52 3.15 0.00	44.06 3.30 0.00	44.49 3.48 0.00	47.29 3.46 0.01	47.35 4.03 0.00	52.58 4.65 0.01	55.23 5.07 0.01	65.84 5.66 0.01	67.20 5.61 0.01	69.04 5.47 0.01	66.75 5.23 0.01	56.84 3.72 0.01	51.87 3.57 0.01	47.54 3.72 0.00
ARTHUR_KILL_3 23513	36.39 2.94 0.00	30.89 2.47 0.00	28.17 2.06 0.00	29.32 2.20 0.00	28.16 2.20 0.00	29.32 2.30 0.00	28.22 2.35 0.00	31.37 2.64 0.00	34.99 3.04 0.00	38.71 3.29 0.00	42.71 3.34 0.00	44.18 3.42 0.00	44.54 3.53 0.00	47.60 3.77 0.00	47.48 4.16 0.00	52.73 4.79 0.00	55.44 5.27 0.00	66.33 6.14 0.00	67.64 6.04 0.00	69.56 5.97 0.00	67.19 5.66 0.00	57.28 4.15 0.00	52.21 3.91 0.00	47.28 3.46 0.00

ARTHUR_KILL_COGEN 323718	36.74 3.28 -0.01	31.15 2.73 -0.01	28.35 2.25 0.00	29.54 2.41 0.00	28.38 2.41 -0.01	29.37 2.35 0.00	28.16 2.30 0.00	31.34 2.61 0.00	34.83 2.88 0.00	38.60 3.19 0.00	42.68 3.31 0.00	44.22 3.46 0.00	44.62 3.61 0.00	47.42 3.60 0.01	47.52 4.20 0.00	52.82 4.89 0.01	55.48 5.32 0.01	66.08 5.90 0.01	67.45 5.86 0.01	69.36 5.79 0.01	67.06 5.54 0.01	57.05 3.93 0.01	52.07 3.77 0.01	47.72 3.90 0.00
ASHOKAN____ 23654	35.99 2.54 0.00	30.66 2.24 0.00	27.99 1.88 0.00	29.08 1.95 0.00	27.95 2.00 0.00	28.99 1.97 0.00	27.52 1.66 0.00	30.36 1.64 0.00	33.71 1.76 0.00	37.29 1.88 0.00	41.14 1.77 0.00	42.67 1.92 0.00	42.81 1.80 0.00	46.07 2.23 0.00	45.53 2.21 0.00	50.57 2.63 0.00	52.38 2.21 0.00	62.90 2.71 0.00	64.56 2.96 0.00	66.82 3.24 0.00	65.83 4.31 0.00	56.90 3.77 0.00	51.88 3.57 0.00	46.97 3.16 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.64 3.18 -0.01	31.10 2.67 -0.01	28.35 2.25 0.00	29.51 2.39 0.00	28.35 2.39 -0.01	29.26 2.24 0.00	28.22 2.35 0.00	31.30 2.59 0.01	34.85 2.91 0.01	38.56 3.15 0.01	42.51 3.15 0.01	44.01 3.26 0.01	44.36 3.36 0.01	47.37 3.55 0.01	47.29 3.98 0.01	52.58 4.65 0.01	55.18 5.02 0.01	65.96 5.78 0.01	67.32 5.73 0.01	69.23 5.66 0.01	66.87 5.35 0.01	56.89 3.77 0.01	51.97 3.67 0.00	47.59 3.77 0.00
ASTORIA_EAST_ENERGY_CC2 323582	36.64 3.18 -0.01	31.10 2.67 -0.01	28.35 2.25 0.00	29.51 2.39 0.00	28.35 2.39 -0.01	29.26 2.24 0.00	28.22 2.35 0.00	31.30 2.59 0.01	34.85 2.91 0.01	38.56 3.15 0.01	42.51 3.15 0.01	44.01 3.26 0.01	44.36 3.36 0.01	47.37 3.55 0.01	47.29 3.98 0.01	52.58 4.65 0.01	55.18 5.02 0.01	65.96 5.78 0.01	67.32 5.73 0.01	69.23 5.66 0.01	66.87 5.35 0.01	56.89 3.77 0.01	51.97 3.67 0.00	47.59 3.77 0.00
ASTORIA_GT2_1 24094	36.63 3.18 -0.01	31.12 2.70 -0.01	28.35 2.25 0.00	29.54 2.41 0.00	28.46 2.49 -0.01	29.29 2.27 0.00	28.22 2.35 0.00	31.34 2.61 0.00	34.86 2.91 0.00	38.57 3.15 0.00	42.56 3.19 0.00	44.06 3.30 0.00	44.41 3.40 0.00	47.43 3.59 0.00	47.30 3.99 0.00	52.64 4.70 0.00	55.39 5.22 0.00	66.39 6.20 0.00	67.82 6.22 0.00	69.75 6.17 0.00	67.37 5.85 0.00	57.38 4.25 0.00	52.41 4.11 0.00	47.72 3.90 0.00
ASTORIA_GT2_2 24095	36.63 3.18 -0.01	31.12 2.70 -0.01	28.35 2.25 0.00	29.54 2.41 0.00	28.46 2.49 -0.01	29.29 2.27 0.00	28.22 2.35 0.00	31.34 2.61 0.00	34.86 2.91 0.00	38.57 3.15 0.00	42.56 3.19 0.00	44.06 3.30 0.00	44.41 3.40 0.00	47.43 3.59 0.00	47.30 3.99 0.00	52.64 4.70 0.00	55.39 5.22 0.00	66.39 6.20 0.00	67.82 6.22 0.00	69.75 6.17 0.00	67.37 5.85 0.00	57.38 4.25 0.00	52.41 4.11 0.00	47.72 3.90 0.00
ASTORIA_GT2_3 24096	36.63 3.18 -0.01	31.12 2.70 -0.01	28.35 2.25 0.00	29.54 2.41 0.00	28.46 2.49 -0.01	29.29 2.27 0.00	28.22 2.35 0.00	31.34 2.61 0.00	34.86 2.91 0.00	38.57 3.15 0.00	42.56 3.19 0.00	44.06 3.30 0.00	44.41 3.40 0.00	47.43 3.59 0.00	47.30 3.99 0.00	52.64 4.70 0.00	55.39 5.22 0.00	66.39 6.20 0.00	67.82 6.22 0.00	69.75 6.17 0.00	67.37 5.85 0.00	57.38 4.25 0.00	52.41 4.11 0.00	47.72 3.90 0.00
ASTORIA_GT2_4 24097	36.63 3.18 -0.01	31.12 2.70 -0.01	28.35 2.25 0.00	29.54 2.41 0.00	28.46 2.49 -0.01	29.29 2.27 0.00	28.22 2.35 0.00	31.34 2.61 0.00	34.86 2.91 0.00	38.57 3.15 0.00	42.56 3.19 0.00	44.06 3.30 0.00	44.41 3.40 0.00	47.43 3.59 0.00	47.30 3.99 0.00	52.64 4.70 0.00	55.39 5.22 0.00	66.39 6.20 0.00	67.82 6.22 0.00	69.75 6.17 0.00	67.37 5.85 0.00	57.38 4.25 0.00	52.41 4.11 0.00	47.72 3.90 0.00
ASTORIA_GT3_1 24098	36.63 3.18 -0.01	31.12 2.70 -0.01	28.35 2.25 0.00	29.54 2.41 0.00	28.46 2.49 -0.01	29.29 2.27 0.00	28.22 2.35 0.00	31.34 2.61 0.00	34.86 2.91 0.00	38.57 3.15 0.00	42.56 3.19 0.00	44.06 3.30 0.00	44.41 3.40 0.00	47.43 3.59 0.00	47.30 3.99 0.00	52.64 4.70 0.00	55.39 5.22 0.00	66.39 6.20 0.00	67.82 6.22 0.00	69.75 6.17 0.00	67.37 5.85 0.00	57.38 4.25 0.00	52.41 4.11 0.00	47.72 3.90 0.00
ASTORIA_GT3_2 24099	36.63 3.18 -0.01	31.12 2.70 -0.01	28.35 2.25 0.00	29.54 2.41 0.00	28.46 2.49 -0.01	29.29 2.27 0.00	28.22 2.35 0.00	31.34 2.61 0.00	34.86 2.91 0.00	38.57 3.15 0.00	42.56 3.19 0.00	44.06 3.30 0.00	44.41 3.40 0.00	47.43 3.59 0.00	47.30 3.99 0.00	52.64 4.70 0.00	55.39 5.22 0.00	66.39 6.20 0.00	67.82 6.22 0.00	69.75 6.17 0.00	67.37 5.85 0.00	57.38 4.25 0.00	52.41 4.11 0.00	47.72 3.90 0.00
ASTORIA_GT3_3 24100	36.63 3.18 -0.01	31.12 2.70 -0.01	28.35 2.25 0.00	29.54 2.41 0.00	28.46 2.49 -0.01	29.29 2.27 0.00	28.22 2.35 0.00	31.34 2.61 0.00	34.86 2.91 0.00	38.57 3.15 0.00	42.56 3.19 0.00	44.06 3.30 0.00	44.41 3.40 0.00	47.43 3.59 0.00	47.30 3.99 0.00	52.64 4.70 0.00	55.39 5.22 0.00	66.39 6.20 0.00	67.82 6.22 0.00	69.75 6.17 0.00	67.37 5.85 0.00	57.38 4.25 0.00	52.41 4.11 0.00	47.72 3.90 0.00
ASTORIA_GT3_4 24101	36.63 3.18 -0.01	31.12 2.70 -0.01	28.35 2.25 0.00	29.54 2.41 0.00	28.46 2.49 -0.01	29.29 2.27 0.00	28.22 2.35 0.00	31.34 2.61 0.00	34.86 2.91 0.00	38.57 3.15 0.00	42.56 3.19 0.00	44.06 3.30 0.00	44.41 3.40 0.00	47.43 3.59 0.00	47.30 3.99 0.00	52.64 4.70 0.00	55.39 5.22 0.00	66.39 6.20 0.00	67.82 6.22 0.00	69.75 6.17 0.00	67.37 5.85 0.00	57.38 4.25 0.00	52.41 4.11 0.00	47.72 3.90 0.00
ASTORIA_GT4_1 24102	36.63 3.18 -0.01	31.12 2.70 -0.01	28.35 2.25 0.00	29.54 2.41 0.00	28.46 2.49 -0.01	29.29 2.27 0.00	28.22 2.35 0.00	31.34 2.61 0.00	34.86 2.91 0.00	38.57 3.15 0.00	42.56 3.19 0.00	44.06 3.30 0.00	44.41 3.40 0.00	47.43 3.59 0.00	47.30 3.99 0.00	52.64 4.70 0.00	55.39 5.22 0.00	66.39 6.20 0.00	67.82 6.22 0.00	69.75 6.17 0.00	67.37 5.85 0.00	57.38 4.25 0.00	52.41 4.11 0.00	47.72 3.90 0.00
ASTORIA_GT4_2 24103	36.63 3.18 -0.01	31.12 2.70 -0.01	28.35 2.25 0.00	29.54 2.41 0.00	28.46 2.49 -0.01	29.29 2.27 0.00	28.22 2.35 0.00	31.34 2.61 0.00	34.86 2.91 0.00	38.57 3.15 0.00	42.56 3.19 0.00	44.06 3.30 0.00	44.41 3.40 0.00	47.43 3.59 0.00	47.30 3.99 0.00	52.64 4.70 0.00	55.39 5.22 0.00	66.39 6.20 0.00	67.82 6.22 0.00	69.75 6.17 0.00	67.37 5.85 0.00	57.38 4.25 0.00	52.41 4.11 0.00	47.72 3.90 0.00
ASTORIA_GT4_3 24104	36.63 3.18 -0.01	31.12 2.70 -0.01	28.35 2.25 0.00	29.54 2.41 0.00	28.46 2.49 -0.01	29.29 2.27 0.00	28.22 2.35 0.00	31.34 2.61 0.00	34.86 2.91 0.00	38.57 3.15 0.00	42.56 3.19 0.00	44.06 3.30 0.00	44.41 3.40 0.00	47.43 3.59 0.00	47.30 3.99 0.00	52.64 4.70 0.00	55.39 5.22 0.00	66.39 6.20 0.00	67.82 6.22 0.00	69.75 6.17 0.00	67.37 5.85 0.00	57.38 4.25 0.00	52.41 4.11 0.00	47.72 3.90 0.00

ASTORIA_GT4_4 24105	36.63	31.12	28.35	29.54	28.46	29.29	28.22	31.34	34.86	38.57	42.56	44.06	44.41	47.43	47.30	52.64	55.39	66.39	67.82	69.75	67.37	57.38	52.41	47.72
	3.18	2.70	2.25	2.41	2.49	2.27	2.35	2.61	2.91	3.15	3.19	3.30	3.40	3.59	3.99	4.70	5.22	6.20	6.22	6.17	5.85	4.25	4.11	3.90
	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ASTORIA_GT_1 23523	36.70	31.15	28.40	29.59	28.51	29.32	28.27	31.40	34.92	38.64	42.64	44.14	44.49	47.52	47.43	52.78	55.54	66.57	68.01	69.94	67.56	57.49	52.51	47.80
	3.24	2.73	2.30	2.47	2.54	2.30	2.41	2.67	2.97	3.22	3.27	3.38	3.49	3.68	4.12	4.84	5.37	6.38	6.41	6.36	6.03	4.36	4.20	3.99
	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ASTORIA_GT_10 24110	36.67	31.12	28.38	29.56	28.43	29.43	28.29	31.48	34.99	38.71	42.71	44.22	44.58	47.60	47.52	52.88	55.64	66.69	68.13	70.07	67.68	57.64	52.51	47.67
	3.21	2.70	2.27	2.44	2.47	2.40	2.43	2.76	3.04	3.29	3.35	3.46	3.57	3.77	4.20	4.94	5.47	6.50	6.53	6.49	6.15	4.52	4.20	3.86
	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ASTORIA_GT_11 24225	36.67	31.12	28.38	29.56	28.43	29.43	28.29	31.48	34.99	38.71	42.71	44.22	44.58	47.60	47.52	52.88	55.64	66.69	68.13	70.07	67.68	57.64	52.51	47.67
	3.21	2.70	2.27	2.44	2.47	2.40	2.43	2.76	3.04	3.29	3.35	3.46	3.57	3.77	4.20	4.94	5.47	6.50	6.53	6.49	6.15	4.52	4.20	3.86
	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ASTORIA_GT_12 24226	36.67	31.12	28.38	29.56	28.43	29.43	28.29	31.48	34.99	38.71	42.71	44.22	44.58	47.60	47.52	52.88	55.64	66.69	68.13	70.07	67.68	57.64	52.51	47.67
	3.21	2.70	2.27	2.44	2.47	2.40	2.43	2.76	3.04	3.29	3.35	3.46	3.57	3.77	4.20	4.94	5.47	6.50	6.53	6.49	6.15	4.52	4.20	3.86
	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ASTORIA_GT_13 24227	36.67	31.12	28.38	29.56	28.43	29.43	28.29	31.48	34.99	38.71	42.71	44.22	44.58	47.60	47.52	52.88	55.64	66.69	68.13	70.07	67.68	57.64	52.51	47.67
	3.21	2.70	2.27	2.44	2.47	2.40	2.43	2.76	3.04	3.29	3.35	3.46	3.57	3.77	4.20	4.94	5.47	6.50	6.53	6.49	6.15	4.52	4.20	3.86
	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ASTORIA_GT_5 24106	36.70	31.15	28.40	29.59	28.51	29.32	28.27	31.40	34.92	38.64	42.64	44.14	44.49	47.52	47.43	52.78	55.54	66.57	68.01	69.94	67.56	57.49	52.51	47.80
	3.24	2.73	2.30	2.47	2.54	2.30	2.41	2.67	2.97	3.22	3.27	3.38	3.49	3.68	4.12	4.84	5.37	6.38	6.41	6.36	6.03	4.36	4.20	3.99
	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ASTORIA_GT_7 24107	36.70	31.15	28.40	29.59	28.51	29.32	28.27	31.40	34.92	38.64	42.64	44.14	44.49	47.52	47.43	52.78	55.54	66.57	68.01	69.94	67.56	57.49	52.51	47.80
	3.24	2.73	2.30	2.47	2.54	2.30	2.41	2.67	2.97	3.22	3.27	3.38	3.49	3.68	4.12	4.84	5.37	6.38	6.41	6.36	6.03	4.36	4.20	3.99
	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ASTORIA_GT_8 24108	36.70	31.15	28.40	29.59	28.51	29.32	28.27	31.40	34.92	38.64	42.64	44.14	44.49	47.52	47.43	52.78	55.54	66.57	68.01	69.94	67.56	57.49	52.51	47.80
	3.24	2.73	2.30	2.47	2.54	2.30	2.41	2.67	2.97	3.22	3.27	3.38	3.49	3.68	4.12	4.84	5.37	6.38	6.41	6.36	6.03	4.36	4.20	3.99
	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ASTORIA___2 24149	36.64	31.13	28.35	29.54	28.35	29.29	28.22	31.33	34.85	38.56	42.55	44.05	44.40	47.42	47.34	52.63	55.18	66.02	67.32	69.23	66.94	56.95	52.02	47.63
	3.18	2.70	2.25	2.41	2.39	2.27	2.35	2.61	2.91	3.15	3.19	3.30	3.40	3.60	4.03	4.70	5.02	5.84	5.73	5.66	5.42	3.83	3.72	3.81
	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00
ASTORIA___3 23516	36.67	31.13	28.37	29.56	28.38	29.43	28.29	31.48	34.99	38.71	42.71	44.22	44.57	47.60	47.52	52.88	55.54	66.27	67.64	69.56	67.19	57.22	52.27	47.59
	3.21	2.70	2.27	2.44	2.41	2.40	2.43	2.76	3.04	3.29	3.34	3.46	3.57	3.77	4.20	4.94	5.37	6.08	6.04	5.97	5.66	4.09	3.96	3.77
	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ASTORIA___4 23517	36.67	31.12	28.38	29.56	28.43	29.43	28.29	31.48	34.99	38.71	42.71	44.22	44.58	47.60	47.52	52.88	55.64	66.69	68.13	70.07	67.68	57.64	52.51	47.67
	3.21	2.70	2.27	2.44	2.47	2.40	2.43	2.76	3.04	3.29	3.35	3.46	3.57	3.77	4.20	4.94	5.47	6.50	6.53	6.49	6.15	4.52	4.20	3.86
	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ASTORIA___5 23518	36.67	31.13	28.37	29.56	28.38	29.43	28.29	31.48	34.99	38.71	42.71	44.22	44.57	47.60	47.52	52.88	55.54	66.27	67.64	69.56	67.19	57.22	52.27	47.59
	3.21	2.70	2.27	2.44	2.41	2.40	2.43	2.76	3.04	3.29	3.34	3.46	3.57	3.77	4.20	4.94	5.37	6.08	6.04	5.97	5.66	4.09	3.96	3.77
	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AST_ENERGY_2_CC3 323677	33.69	30.98	28.27	29.43	28.29	29.40	28.29	31.43	33.69	33.69	34.92	34.92	34.92	34.92	34.92	34.92	34.92	47.29	47.29	49.21	46.84	38.54	35.13	34.92
	3.04	2.56	2.17	2.30	2.34	2.38	2.43	2.70	3.07	3.37	3.39	3.46	3.57	3.86	4.25	4.94	5.47	6.32	6.29	6.23	5.91	4.36	4.06	3.63
	2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.33	5.09	7.83	9.30	9.65	12.77	12.64	17.96	20.72	19.22	20.60	20.61	20.60	18.95	17.23	12.53
AST_ENERGY_2_CC4 323678	33.69	30.98	28.27	29.43	28.29	29.40	28.29	31.43	33.69	33.69	34.92	34.92	34.92	34.92	34.92	34.92	34.92	47.29	47.29	49.21	46.84	38.54	35.13	34.92
	3.04	2.56	2.17	2.30	2.34	2.38	2.43	2.70	3.07	3.37	3.39	3.46	3.57	3.86	4.25	4.94	5.47	6.32	6.29	6.23	5.91	4.36	4.06	3.63
	2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.33	5.09	7.83	9.30	9.65	12.77	12.64	17.96	20.72	19.22	20.60	20.61	20.60	18.95	17.23	12.53

ATHENS_STG_1 23668	35.05 1.61 0.00	29.84 1.42 0.00	27.38 1.28 0.00	28.53 1.41 0.00	27.36 1.40 0.00	28.48 1.46 0.00	27.21 1.34 0.00	30.19 1.46 0.00	33.55 1.60 0.00	37.04 1.63 0.00	40.94 1.58 0.00	42.34 1.59 0.00	42.61 1.60 0.00	45.59 1.76 0.00	45.27 1.95 0.00	50.24 2.30 0.00	52.73 2.56 0.00	63.20 3.01 0.00	64.56 2.96 0.00	66.57 2.99 0.00	64.36 2.83 0.00	55.26 2.13 0.00	50.19 1.88 0.00	45.44 1.62 0.00
ATHENS_STG_2 23670	35.05 1.61 0.00	29.84 1.42 0.00	27.38 1.28 0.00	28.53 1.41 0.00	27.36 1.40 0.00	28.48 1.46 0.00	27.21 1.34 0.00	30.19 1.46 0.00	33.55 1.60 0.00	37.04 1.63 0.00	40.94 1.58 0.00	42.34 1.59 0.00	42.61 1.60 0.00	45.59 1.76 0.00	45.27 1.95 0.00	50.24 2.30 0.00	52.73 2.56 0.00	63.20 3.01 0.00	64.56 2.96 0.00	66.57 2.99 0.00	64.36 2.83 0.00	55.26 2.13 0.00	50.19 1.88 0.00	45.44 1.62 0.00
ATHENS_STG_3 23677	35.05 1.61 0.00	29.84 1.42 0.00	27.38 1.28 0.00	28.53 1.41 0.00	27.36 1.40 0.00	28.48 1.46 0.00	27.21 1.34 0.00	30.19 1.46 0.00	33.55 1.60 0.00	37.04 1.63 0.00	40.94 1.58 0.00	42.34 1.59 0.00	42.61 1.60 0.00	45.59 1.76 0.00	45.27 1.95 0.00	50.24 2.30 0.00	52.73 2.56 0.00	63.20 3.01 0.00	64.56 2.96 0.00	66.57 2.99 0.00	64.36 2.83 0.00	55.26 2.13 0.00	50.19 1.88 0.00	45.44 1.62 0.00
AUBURN___LFGE 323710	33.88 0.43 0.00	28.87 0.45 0.00	26.50 0.39 0.00	27.45 0.33 0.00	26.19 0.23 0.00	27.32 0.30 0.00	26.20 0.34 0.00	29.16 0.43 0.00	32.43 0.48 0.00	35.94 0.46 -0.07	40.98 0.67 -0.94	42.59 0.77 -1.06	42.83 0.74 -1.08	45.86 0.79 -1.24	45.24 0.74 -1.19	50.08 0.58 -1.56	50.77 0.60 0.00	60.97 0.78 0.00	62.53 0.92 0.00	67.15 1.40 -2.17	64.72 1.11 -2.08	55.60 0.90 -1.57	50.69 0.87 -1.51	46.06 0.92 -1.32
BABYLON_RES_REC 323704	37.06 3.61 0.00	31.57 3.15 0.00	28.61 2.51 0.00	29.67 2.55 0.00	28.58 2.62 0.00	29.64 2.62 0.00	28.78 2.92 0.00	31.94 3.22 0.00	35.86 3.90 -0.01	39.70 4.28 -0.01	43.23 3.86 0.00	44.50 3.75 0.00	45.19 4.18 0.00	47.95 4.12 0.00	47.87 4.55 -0.01	53.36 5.42 -0.01	56.30 6.12 -0.01	67.42 7.22 -0.01	68.75 7.14 -0.01	70.65 7.06 -0.01	68.24 6.71 -0.01	58.29 5.15 -0.01	52.46 4.15 0.00	47.28 3.46 0.00
BALL_HILL_WT_PWR 323825	33.28 -0.17 0.00	28.79 0.37 0.00	26.50 0.39 0.00	27.07 -0.05 0.00	25.54 -0.42 0.00	26.70 -0.32 0.00	26.10 0.23 0.00	28.75 0.03 0.00	32.11 0.16 0.00	35.84 0.43 0.00	40.04 0.67 0.00	41.61 0.86 0.00	41.87 0.86 0.00	44.84 1.01 0.00	43.71 0.39 0.00	47.84 -0.10 0.00	49.82 -0.35 0.00	60.25 0.06 0.00	61.48 -0.12 0.00	64.54 0.96 0.00	62.39 0.86 0.00	53.98 0.85 0.00	49.65 1.35 0.00	45.22 1.40 0.00
BARON_WINDS___WT_PWR 323822	33.11 -0.33 0.00	28.45 0.03 0.00	26.18 0.08 0.00	26.93 -0.19 0.00	25.57 -0.39 0.00	26.78 -0.24 0.00	25.91 0.05 0.00	28.67 -0.06 0.00	31.92 -0.03 0.00	35.38 -0.04 0.00	39.57 0.20 0.00	41.16 0.41 0.00	41.38 0.37 0.00	44.27 0.44 0.00	43.19 -0.13 0.00	47.37 -0.57 0.00	49.47 -0.70 0.00	59.77 -0.42 0.00	61.30 -0.31 0.00	64.54 0.96 0.00	62.69 1.17 0.00	54.25 1.12 0.00	49.65 1.35 0.00	45.31 1.49 0.00
BARRETT_IC_1 23704	36.76 3.31 0.00	31.29 2.87 0.00	28.40 2.30 0.00	29.51 2.39 0.00	28.39 2.44 0.00	29.45 2.43 0.00	28.50 2.64 0.00	31.66 2.93 0.00	35.47 3.51 -0.01	39.25 3.83 -0.01	42.95 3.58 0.00	44.22 3.46 0.00	44.86 3.85 0.00	47.91 4.08 0.00	47.83 4.50 -0.01	53.08 5.13 -0.01	55.90 5.72 -0.01	66.94 6.74 -0.01	68.33 6.72 -0.01	70.33 6.74 -0.01	67.94 6.40 -0.01	57.97 4.83 -0.01	52.31 4.01 0.00	47.32 3.51 0.00
BARRETT_IC_10 23701	36.76 3.31 0.00	31.29 2.87 0.00	28.40 2.30 0.00	29.51 2.39 0.00	28.39 2.44 0.00	29.45 2.43 0.00	28.50 2.64 0.00	31.66 2.93 0.00	35.47 3.51 -0.01	39.25 3.83 -0.01	42.95 3.58 0.00	44.22 3.46 0.00	44.86 3.85 0.00	47.91 4.08 0.00	47.83 4.50 -0.01	53.08 5.13 -0.01	55.90 5.72 -0.01	66.94 6.74 -0.01	68.33 6.72 -0.01	70.33 6.74 -0.01	67.94 6.40 -0.01	57.97 4.83 -0.01	52.31 4.01 0.00	47.32 3.51 0.00
BARRETT_IC_11 23702	36.76 3.31 0.00	31.29 2.87 0.00	28.40 2.30 0.00	29.51 2.39 0.00	28.39 2.44 0.00	29.45 2.43 0.00	28.50 2.64 0.00	31.66 2.93 0.00	35.47 3.51 -0.01	39.25 3.83 -0.01	42.95 3.58 0.00	44.22 3.46 0.00	44.86 3.85 0.00	47.91 4.08 0.00	47.83 4.50 -0.01	53.08 5.13 -0.01	55.90 5.72 -0.01	66.94 6.74 -0.01	68.33 6.72 -0.01	70.33 6.74 -0.01	67.94 6.40 -0.01	57.97 4.83 -0.01	52.31 4.01 0.00	47.32 3.51 0.00
BARRETT_IC_12 23703	36.76 3.31 0.00	31.29 2.87 0.00	28.40 2.30 0.00	29.51 2.39 0.00	28.39 2.44 0.00	29.45 2.43 0.00	28.50 2.64 0.00	31.66 2.93 0.00	35.47 3.51 -0.01	39.25 3.83 -0.01	42.95 3.58 0.00	44.22 3.46 0.00	44.86 3.85 0.00	47.91 4.08 0.00	47.83 4.50 -0.01	53.08 5.13 -0.01	55.90 5.72 -0.01	66.94 6.74 -0.01	68.33 6.72 -0.01	70.33 6.74 -0.01	67.94 6.40 -0.01	57.97 4.83 -0.01	52.31 4.01 0.00	47.32 3.51 0.00
BARRETT_IC_2 23705	36.76 3.31 0.00	31.29 2.87 0.00	28.40 2.30 0.00	29.51 2.39 0.00	28.39 2.44 0.00	29.45 2.43 0.00	28.50 2.64 0.00	31.66 2.93 0.00	35.47 3.51 -0.01	39.25 3.83 -0.01	42.95 3.58 0.00	44.22 3.46 0.00	44.86 3.85 0.00	47.91 4.08 0.00	47.83 4.50 -0.01	53.08 5.13 -0.01	55.90 5.72 -0.01	66.94 6.74 -0.01	68.33 6.72 -0.01	70.33 6.74 -0.01	67.94 6.40 -0.01	57.97 4.83 -0.01	52.31 4.01 0.00	47.32 3.51 0.00
BARRETT_IC_3 23706	36.76 3.31 0.00	31.29 2.87 0.00	28.40 2.30 0.00	29.51 2.39 0.00	28.39 2.44 0.00	29.45 2.43 0.00	28.50 2.64 0.00	31.66 2.93 0.00	35.47 3.51 -0.01	39.25 3.83 -0.01	42.95 3.58 0.00	44.22 3.46 0.00	44.86 3.85 0.00	47.91 4.08 0.00	47.83 4.50 -0.01	53.08 5.13 -0.01	55.90 5.72 -0.01	66.94 6.74 -0.01	68.33 6.72 -0.01	70.33 6.74 -0.01	67.94 6.40 -0.01	57.97 4.83 -0.01	52.31 4.01 0.00	47.32 3.51 0.00
BARRETT_IC_4 23707	36.76 3.31 0.00	31.29 2.87 0.00	28.40 2.30 0.00	29.51 2.39 0.00	28.39 2.44 0.00	29.45 2.43 0.00	28.50 2.64 0.00	31.66 2.93 0.00	35.47 3.51 -0.01	39.25 3.83 -0.01	42.95 3.58 0.00	44.22 3.46 0.00	44.86 3.85 0.00	47.91 4.08 0.00	47.83 4.50 -0.01	53.08 5.13 -0.01	55.90 5.72 -0.01	66.94 6.74 -0.01	68.33 6.72 -0.01	70.33 6.74 -0.01	67.94 6.40 -0.01	57.97 4.83 -0.01	52.31 4.01 0.00	47.32 3.51 0.00
BARRETT_IC_5 23708	36.76 3.31 0.00	31.29 2.87 0.00	28.40 2.30 0.00	29.51 2.39 0.00	28.39 2.44 0.00	29.45 2.43 0.00	28.50 2.64 0.00	31.66 2.93 0.00	35.47 3.51 -0.01	39.25 3.83 -0.01	42.95 3.58 0.00	44.22 3.46 0.00	44.86 3.85 0.00	47.91 4.08 0.00	47.83 4.50 -0.01	53.08 5.13 -0.01	55.90 5.72 -0.01	66.94 6.74 -0.01	68.33 6.72 -0.01	70.33 6.74 -0.01	67.94 6.40 -0.01	57.97 4.83 -0.01	52.31 4.01 0.00	47.32 3.51 0.00

BARRETT_IC_6 23709	36.76 3.31 0.00	31.29 2.87 0.00	28.40 2.30 0.00	29.51 2.39 0.00	28.39 2.44 0.00	29.45 2.43 0.00	28.50 2.64 0.00	31.66 2.93 0.00	35.47 3.51 -0.01	39.25 3.83 -0.01	42.95 3.58 0.00	44.22 3.46 0.00	44.86 3.85 0.00	47.91 4.08 0.00	47.83 4.50 -0.01	53.08 5.13 -0.01	55.90 5.72 -0.01	66.94 6.74 -0.01	68.33 6.72 -0.01	70.33 6.74 -0.01	67.94 6.40 -0.01	57.97 4.83 -0.01	52.31 4.01 0.00	47.32 3.51 0.00
BARRETT_IC_7 23710	36.76 3.31 0.00	31.29 2.87 0.00	28.40 2.30 0.00	29.51 2.39 0.00	28.42 2.47 0.00	29.45 2.43 0.00	28.50 2.64 0.00	31.66 2.93 0.00	35.47 3.51 0.00	39.24 3.82 0.00	42.95 3.58 0.00	44.22 3.46 0.00	44.86 3.85 0.00	47.91 4.08 0.00	47.78 4.46 0.00	53.17 5.23 0.00	56.04 5.87 0.00	67.23 7.04 0.00	68.69 7.08 0.00	70.70 7.12 0.00	68.24 6.71 0.00	58.28 5.15 0.00	52.65 4.35 0.00	47.41 3.59 0.00
BARRETT_IC_8 23711	36.76 3.31 0.00	31.29 2.87 0.00	28.40 2.30 0.00	29.51 2.39 0.00	28.39 2.44 0.00	29.45 2.43 0.00	28.50 2.64 0.00	31.66 2.93 0.00	35.47 3.51 -0.01	39.25 3.83 -0.01	42.95 3.58 0.00	44.22 3.46 0.00	44.86 3.85 0.00	47.91 4.08 0.00	47.83 4.50 -0.01	53.08 5.13 -0.01	55.90 5.72 -0.01	66.94 6.74 -0.01	68.33 6.72 -0.01	70.33 6.74 -0.01	67.94 6.40 -0.01	57.97 4.83 -0.01	52.31 4.01 0.00	47.32 3.51 0.00
BARRETT_IC_9 23700	36.76 3.31 0.00	31.29 2.87 0.00	28.40 2.30 0.00	29.51 2.39 0.00	28.39 2.44 0.00	29.45 2.43 0.00	28.50 2.64 0.00	31.66 2.93 0.00	35.47 3.51 -0.01	39.25 3.83 -0.01	42.95 3.58 0.00	44.22 3.46 0.00	44.86 3.85 0.00	47.91 4.08 0.00	47.83 4.50 -0.01	53.08 5.13 -0.01	55.90 5.72 -0.01	66.94 6.74 -0.01	68.33 6.72 -0.01	70.33 6.74 -0.01	67.94 6.40 -0.01	57.97 4.83 -0.01	52.31 4.01 0.00	47.32 3.51 0.00
BARRETT___1 23545	36.76 3.31 0.00	31.29 2.87 0.00	28.40 2.30 0.00	29.51 2.39 0.00	28.39 2.44 0.00	29.45 2.43 0.00	28.50 2.64 0.00	31.66 2.93 0.00	35.47 3.51 -0.01	39.25 3.83 -0.01	42.95 3.58 0.00	44.22 3.46 0.00	44.86 3.85 0.00	47.91 4.08 0.00	47.83 4.50 -0.01	53.08 5.13 -0.01	55.90 5.72 -0.01	66.94 6.74 -0.01	68.33 6.72 -0.01	70.33 6.74 -0.01	67.94 6.40 -0.01	57.97 4.83 -0.01	52.31 4.01 0.00	47.32 3.51 0.00
BARRETT___2 23546	36.76 3.31 0.00	31.29 2.87 0.00	28.40 2.30 0.00	29.51 2.39 0.00	28.39 2.44 0.00	29.45 2.43 0.00	28.50 2.64 0.00	31.66 2.93 0.00	35.47 3.51 -0.01	39.25 3.83 -0.01	42.95 3.58 0.00	44.22 3.46 0.00	44.86 3.85 0.00	47.91 4.08 0.00	47.83 4.50 -0.01	53.08 5.13 -0.01	55.90 5.72 -0.01	66.94 6.74 -0.01	68.33 6.72 -0.01	70.33 6.74 -0.01	67.94 6.40 -0.01	57.97 4.83 -0.01	52.31 4.01 0.00	47.32 3.51 0.00
BATAVIA___115KV_TB1 55881	34.22 0.77 0.00	29.52 1.11 0.00	27.07 0.97 0.00	27.69 0.57 0.00	26.06 0.10 0.00	27.18 0.16 0.00	26.48 0.62 0.00	29.24 0.52 0.00	32.69 0.73 0.00	36.48 1.06 0.00	40.94 1.57 0.00	42.51 1.75 0.00	42.77 1.76 0.00	45.72 1.88 0.00	44.57 1.26 0.00	48.66 0.72 0.00	50.42 0.25 0.00	60.13 -0.06 0.00	61.79 0.18 0.00	64.85 1.27 0.00	62.45 0.92 0.00	53.87 0.74 0.00	49.75 1.45 0.00	45.44 1.62 0.00
BAYONEEC___CTG1 323682	36.49 3.04 0.00	30.98 2.56 0.00	28.25 2.14 0.00	29.43 2.30 0.00	28.26 2.31 0.00	29.40 2.38 0.00	28.27 2.41 0.00	31.46 2.73 0.00	35.05 3.10 0.00	38.81 3.40 0.00	42.79 3.42 0.00	44.30 3.54 0.00	44.62 3.61 0.00	47.73 3.90 0.00	47.61 4.29 0.00	52.88 4.94 0.00	55.64 5.47 0.00	66.57 6.38 0.00	67.89 6.29 0.00	69.82 6.23 0.00	67.44 5.91 0.00	57.43 4.30 0.00	52.36 4.06 0.00	47.45 3.63 0.00
BAYONEEC___CTG10 323750	36.49 3.04 0.00	30.98 2.56 0.00	28.25 2.14 0.00	29.43 2.30 0.00	28.26 2.31 0.00	29.40 2.38 0.00	28.27 2.41 0.00	31.46 2.73 0.00	35.05 3.10 0.00	38.81 3.40 0.00	42.79 3.42 0.00	44.30 3.54 0.00	44.62 3.61 0.00	47.73 3.90 0.00	47.61 4.29 0.00	52.88 4.94 0.00	55.64 5.47 0.00	66.57 6.38 0.00	67.89 6.29 0.00	69.82 6.23 0.00	67.44 5.91 0.00	57.43 4.30 0.00	52.36 4.06 0.00	47.45 3.63 0.00
BAYONEEC___CTG2 323683	36.49 3.04 0.00	30.98 2.56 0.00	28.25 2.14 0.00	29.43 2.30 0.00	28.26 2.31 0.00	29.40 2.38 0.00	28.27 2.41 0.00	31.46 2.73 0.00	35.05 3.10 0.00	38.81 3.40 0.00	42.79 3.42 0.00	44.30 3.54 0.00	44.62 3.61 0.00	47.73 3.90 0.00	47.61 4.29 0.00	52.88 4.94 0.00	55.64 5.47 0.00	66.57 6.38 0.00	67.89 6.29 0.00	69.82 6.23 0.00	67.44 5.91 0.00	57.43 4.30 0.00	52.36 4.06 0.00	47.45 3.63 0.00
BAYONEEC___CTG3 323684	36.49 3.04 0.00	30.98 2.56 0.00	28.25 2.14 0.00	29.43 2.30 0.00	28.26 2.31 0.00	29.40 2.38 0.00	28.27 2.41 0.00	31.46 2.73 0.00	35.05 3.10 0.00	38.81 3.40 0.00	42.79 3.42 0.00	44.30 3.54 0.00	44.62 3.61 0.00	47.73 3.90 0.00	47.61 4.29 0.00	52.88 4.94 0.00	55.64 5.47 0.00	66.57 6.38 0.00	67.89 6.29 0.00	69.82 6.23 0.00	67.44 5.91 0.00	57.43 4.30 0.00	52.36 4.06 0.00	47.45 3.63 0.00
BAYONEEC___CTG4 323685	36.49 3.04 0.00	30.98 2.56 0.00	28.25 2.14 0.00	29.43 2.30 0.00	28.26 2.31 0.00	29.40 2.38 0.00	28.27 2.41 0.00	31.46 2.73 0.00	35.05 3.10 0.00	38.81 3.40 0.00	42.79 3.42 0.00	44.30 3.54 0.00	44.62 3.61 0.00	47.73 3.90 0.00	47.61 4.29 0.00	52.88 4.94 0.00	55.64 5.47 0.00	66.57 6.38 0.00	67.89 6.29 0.00	69.82 6.23 0.00	67.44 5.91 0.00	57.43 4.30 0.00	52.36 4.06 0.00	47.45 3.63 0.00
BAYONEEC___CTG5 323686	36.49 3.04 0.00	30.98 2.56 0.00	28.25 2.14 0.00	29.43 2.30 0.00	28.26 2.31 0.00	29.40 2.38 0.00	28.27 2.41 0.00	31.46 2.73 0.00	35.05 3.10 0.00	38.81 3.40 0.00	42.79 3.42 0.00	44.30 3.54 0.00	44.62 3.61 0.00	47.73 3.90 0.00	47.61 4.29 0.00	52.88 4.94 0.00	55.64 5.47 0.00	66.57 6.38 0.00	67.89 6.29 0.00	69.82 6.23 0.00	67.44 5.91 0.00	57.43 4.30 0.00	52.36 4.06 0.00	47.45 3.63 0.00
BAYONEEC___CTG6 323687	36.49 3.04 0.00	30.98 2.56 0.00	28.25 2.14 0.00	29.43 2.30 0.00	28.26 2.31 0.00	29.40 2.38 0.00	28.27 2.41 0.00	31.46 2.73 0.00	35.05 3.10 0.00	38.81 3.40 0.00	42.79 3.42 0.00	44.30 3.54 0.00	44.62 3.61 0.00	47.73 3.90 0.00	47.61 4.29 0.00	52.88 4.94 0.00	55.64 5.47 0.00	66.57 6.38 0.00	67.89 6.29 0.00	69.82 6.23 0.00	67.44 5.91 0.00	57.43 4.30 0.00	52.36 4.06 0.00	47.45 3.63 0.00
BAYONEEC___CTG7 323688	36.49 3.04 0.00	30.98 2.56 0.00	28.25 2.14 0.00	29.43 2.30 0.00	28.26 2.31 0.00	29.40 2.38 0.00	28.27 2.41 0.00	31.46 2.73 0.00	35.05 3.10 0.00	38.81 3.40 0.00	42.79 3.42 0.00	44.30 3.54 0.00	44.62 3.61 0.00	47.73 3.90 0.00	47.61 4.29 0.00	52.88 4.94 0.00	55.64 5.47 0.00	66.57 6.38 0.00	67.89 6.29 0.00	69.82 6.23 0.00	67.44 5.91 0.00	57.43 4.30 0.00	52.36 4.06 0.00	47.45 3.63 0.00

BAYONEEC___CTG8 323689	36.49 3.04 0.00	30.98 2.56 0.00	28.25 2.14 0.00	29.43 2.30 0.00	28.26 2.31 0.00	29.40 2.38 0.00	28.27 2.41 0.00	31.46 2.73 0.00	35.05 3.10 0.00	38.81 3.40 0.00	42.79 3.42 0.00	44.30 3.54 0.00	44.62 3.61 0.00	47.73 3.90 0.00	47.61 4.29 0.00	52.88 4.94 0.00	55.64 5.47 0.00	66.57 6.38 0.00	67.89 6.29 0.00	69.82 6.23 0.00	67.44 5.91 0.00	57.43 4.30 0.00	52.36 4.06 0.00	47.45 3.63 0.00
BAYONEEC___CTG9 323749	36.49 3.04 0.00	30.98 2.56 0.00	28.25 2.14 0.00	29.43 2.30 0.00	28.26 2.31 0.00	29.40 2.38 0.00	28.27 2.41 0.00	31.46 2.73 0.00	35.05 3.10 0.00	38.81 3.40 0.00	42.79 3.42 0.00	44.30 3.54 0.00	44.62 3.61 0.00	47.73 3.90 0.00	47.61 4.29 0.00	52.88 4.94 0.00	55.64 5.47 0.00	66.57 6.38 0.00	67.89 6.29 0.00	69.82 6.23 0.00	67.44 5.91 0.00	57.43 4.30 0.00	52.36 4.06 0.00	47.45 3.63 0.00
BEACON___LESR 323632	34.62 1.17 0.00	29.47 1.05 0.00	26.99 0.89 0.00	28.13 1.00 0.00	26.92 0.96 0.00	28.07 1.05 0.00	26.79 0.93 0.00	29.64 0.92 0.00	32.94 0.99 0.00	36.44 1.03 0.00	40.23 0.87 0.00	41.53 0.77 0.00	41.79 0.78 0.00	44.71 0.88 0.00	44.40 1.08 0.00	49.33 1.39 0.00	51.68 1.50 0.00	61.99 1.80 0.00	63.51 1.91 0.00	65.49 1.91 0.00	63.44 1.91 0.00	54.56 1.44 0.00	49.65 1.35 0.00	44.95 1.14 0.00
BEAVER RIVER___HYD 24048	33.42 -0.03 0.00	28.42 0.00 0.00	26.05 -0.05 0.00	27.01 -0.11 0.00	25.98 0.03 0.00	26.97 -0.05 0.00	25.68 -0.18 0.00	28.53 -0.20 0.00	31.73 -0.22 0.00	35.18 -0.28 -0.05	39.73 -0.32 -0.68	41.04 -0.49 -0.77	41.22 -0.57 -0.78	44.07 -0.66 -0.90	43.61 -0.56 -0.86	48.40 -0.67 -1.13	49.37 -0.80 0.00	59.47 -0.72 0.00	61.42 -0.18 0.00	65.60 0.45 -1.57	64.20 1.17 -1.51	55.75 1.49 -1.13	50.56 1.16 -1.09	45.96 1.18 -0.96
BEEBEE_GT_13 23619	33.85 0.40 0.00	29.04 0.63 0.00	26.63 0.52 0.00	27.37 0.24 0.00	25.90 -0.05 0.00	26.99 -0.03 0.00	26.15 0.28 0.00	28.96 0.23 0.00	32.37 0.42 0.00	36.05 0.64 0.00	40.43 1.06 0.00	41.98 1.22 0.00	42.24 1.23 0.00	45.15 1.32 0.00	44.23 0.91 0.00	48.42 0.48 0.00	50.22 0.05 0.00	60.01 -0.18 0.00	61.48 -0.12 0.00	64.03 0.45 0.00	61.77 0.25 0.00	53.29 0.16 0.00	48.88 0.58 0.00	44.65 0.83 0.00
BENSHRST_27_KV_BENSHRST_1 355998	36.90 3.45 -0.01	31.29 2.87 -0.01	28.51 2.40 0.00	29.70 2.58 0.00	28.53 2.57 -0.01	29.53 2.51 0.00	28.37 2.51 0.00	31.60 2.87 0.00	35.15 3.20 0.00	38.95 3.54 0.00	43.03 3.66 0.00	44.59 3.83 0.00	44.99 3.98 0.00	47.95 4.12 0.00	47.91 4.59 0.00	53.41 5.47 0.00	56.24 6.07 0.00	67.35 7.16 0.00	68.81 7.21 0.00	70.77 7.18 0.00	68.36 6.83 0.00	58.18 5.05 0.00	52.94 4.64 0.00	48.11 4.29 0.00
BETHLEHEM___GRP 23843	34.15 0.70 0.00	29.07 0.65 0.00	26.68 0.57 0.00	27.80 0.68 0.00	26.63 0.67 0.00	27.72 0.70 0.00	26.46 0.59 0.00	29.30 0.57 0.00	32.56 0.61 0.00	35.98 0.57 0.00	39.68 0.31 0.00	41.00 0.24 0.00	41.25 0.25 0.00	44.10 0.26 0.00	43.79 0.48 0.00	48.66 0.72 0.00	51.02 0.85 0.00	61.27 1.08 0.00	62.71 1.11 0.00	64.66 1.08 0.00	62.57 1.05 0.00	53.93 0.80 0.00	48.93 0.63 0.00	44.30 0.48 0.00
BETHLEHEM___GS1 323560	34.15 0.70 0.00	29.07 0.65 0.00	26.68 0.57 0.00	27.80 0.68 0.00	26.63 0.67 0.00	27.72 0.70 0.00	26.46 0.60 0.00	29.30 0.57 0.00	32.56 0.61 0.00	35.98 0.56 0.00	39.68 0.31 0.00	41.00 0.25 0.00	41.26 0.25 0.00	44.10 0.26 0.00	43.79 0.48 0.00	48.66 0.72 0.00	51.02 0.85 0.00	61.15 0.96 0.00	62.59 0.98 0.00	64.54 0.96 0.00	62.45 0.92 0.00	53.71 0.59 0.00	48.84 0.53 0.00	44.26 0.44 0.00
BETHLEHEM___GS2 323561	34.15 0.70 0.00	29.07 0.65 0.00	26.68 0.57 0.00	27.80 0.68 0.00	26.63 0.67 0.00	27.72 0.70 0.00	26.46 0.60 0.00	29.30 0.57 0.00	32.56 0.61 0.00	35.98 0.56 0.00	39.68 0.31 0.00	41.00 0.25 0.00	41.26 0.25 0.00	44.10 0.26 0.00	43.79 0.48 0.00	48.66 0.72 0.00	51.02 0.85 0.00	61.15 0.96 0.00	62.59 0.98 0.00	64.54 0.96 0.00	62.45 0.92 0.00	53.71 0.59 0.00	48.84 0.53 0.00	44.26 0.44 0.00
BETHLEHEM___GS3 323562	34.15 0.70 0.00	29.07 0.65 0.00	26.68 0.57 0.00	27.80 0.68 0.00	26.63 0.67 0.00	27.72 0.70 0.00	26.46 0.60 0.00	29.30 0.57 0.00	32.56 0.61 0.00	35.98 0.56 0.00	39.68 0.31 0.00	41.00 0.25 0.00	41.26 0.25 0.00	44.10 0.26 0.00	43.79 0.48 0.00	48.66 0.72 0.00	51.02 0.85 0.00	61.15 0.96 0.00	62.59 0.98 0.00	64.54 0.96 0.00	62.45 0.92 0.00	53.71 0.59 0.00	48.84 0.53 0.00	44.26 0.44 0.00
BETHLEHEM___STEEL 23779	33.32 -0.13 0.00	28.81 0.40 0.00	26.50 0.39 0.00	27.07 -0.05 0.00	25.46 -0.49 0.00	26.67 -0.35 0.00	26.04 0.18 0.00	28.70 -0.03 0.00	32.05 0.10 0.00	35.73 0.32 0.00	40.00 0.63 0.00	41.57 0.82 0.00	41.83 0.82 0.00	44.84 1.01 0.00	43.66 0.35 0.00	47.60 -0.34 0.00	49.47 -0.70 0.00	58.93 -1.26 0.00	60.49 -1.11 0.00	63.84 0.25 0.00	61.28 -0.25 0.00	52.54 -0.58 0.00	48.69 0.39 0.00	44.56 0.74 0.00
BETHLHEM_115KV_TB1 79974	34.25 0.80 0.00	29.16 0.74 0.00	26.73 0.63 0.00	27.85 0.73 0.00	26.68 0.73 0.00	27.80 0.78 0.00	26.51 0.65 0.00	29.39 0.66 0.00	32.62 0.67 0.00	36.09 0.67 0.00	39.84 0.47 0.00	41.12 0.37 0.00	41.38 0.37 0.00	44.27 0.44 0.00	43.92 0.61 0.00	48.80 0.86 0.00	51.23 1.05 0.00	61.45 1.26 0.00	62.90 1.29 0.00	64.85 1.27 0.00	62.76 1.23 0.00	54.09 0.96 0.00	49.08 0.77 0.00	44.43 0.61 0.00
BETHPAGE_CC_5 323564	37.03 3.58 0.00	31.51 3.10 0.00	28.59 2.48 0.00	29.67 2.55 0.00	28.58 2.62 0.00	29.62 2.59 0.00	28.73 2.87 0.00	31.89 3.16 0.00	35.79 3.83 -0.01	39.63 4.21 -0.01	43.11 3.74 0.00	44.43 3.67 0.00	45.11 4.10 0.00	48.08 4.25 0.00	48.05 4.72 -0.01	53.46 5.51 -0.01	56.35 6.17 -0.01	67.42 7.22 -0.01	68.75 7.14 -0.01	70.65 7.06 -0.01	68.24 6.71 -0.01	58.29 5.15 -0.01	52.56 4.25 0.00	47.41 3.59 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	33.28 -0.17 0.00	28.79 0.37 0.00	26.47 0.37 0.00	27.04 -0.08 0.00	25.44 -0.52 0.00	26.64 -0.38 0.00	26.02 0.16 0.00	28.70 -0.03 0.00	32.05 0.10 0.00	35.77 0.35 0.00	40.00 0.63 0.00	41.61 0.86 0.00	41.87 0.86 0.00	44.84 1.01 0.00	43.66 0.35 0.00	47.65 -0.29 0.00	49.52 -0.65 0.00	58.99 -1.20 0.00	60.62 -0.99 0.00	63.96 0.38 0.00	61.41 -0.12 0.00	52.60 -0.53 0.00	48.74 0.43 0.00	44.61 0.79 0.00
BINGHAMTON___COGEN 23790	34.08 0.64 0.00	29.10 0.68 0.00	26.76 0.65 0.00	27.69 0.57 0.00	26.42 0.47 0.00	27.56 0.54 0.00	26.46 0.59 0.00	29.39 0.66 0.00	32.69 0.73 0.00	36.19 0.78 0.00	40.31 0.94 0.00	41.78 1.02 0.00	41.99 0.98 0.00	44.93 1.10 0.00	44.36 1.04 0.00	48.90 0.96 0.00	51.18 1.00 0.00	61.33 1.14 0.00	62.90 1.29 0.00	65.36 1.78 0.00	63.07 1.54 0.00	54.30 1.17 0.00	49.51 1.21 0.00	45.00 1.18 0.00

BIXINCNT_115KV_LOAD 355685	32.31 -1.14 0.00	27.96 -0.45 0.00	25.74 -0.37 0.00	26.42 -0.71 0.00	24.94 -1.01 0.00	26.24 -0.78 0.00	25.63 -0.23 0.00	28.35 -0.37 0.00	31.66 -0.29 0.00	35.17 -0.25 0.00	39.29 -0.08 0.00	41.04 0.29 0.00	41.17 0.16 0.00	44.01 0.18 0.00	42.62 -0.69 0.00	46.45 -1.49 0.00	48.47 -1.71 0.00	58.02 -2.17 0.00	59.69 -1.91 0.00	63.45 -0.13 0.00	61.10 -0.43 0.00	52.54 -0.58 0.00	48.64 0.34 0.00	44.52 0.70 0.00
BLACK RIVER___HYD 24047	33.95 0.50 0.00	28.90 0.48 0.00	26.50 0.39 0.00	27.45 0.33 0.00	26.42 0.47 0.00	27.48 0.46 0.00	26.10 0.23 0.00	28.95 0.23 0.00	32.21 0.25 0.00	35.72 0.21 -0.09	40.83 0.24 -1.22	42.14 0.00 -1.38	42.25 -0.16 -1.41	45.23 -0.22 -1.61	44.74 -0.13 -1.55	49.78 -0.19 -2.03	49.77 -0.40 0.00	60.07 -0.12 0.00	62.28 0.68 0.00	67.93 1.52 -2.83	66.27 2.03 -2.71	57.40 2.23 -2.04	52.11 1.84 -1.97	47.42 1.88 -1.72
BLACKRVR_115KV_TB2 79977	33.95 0.50 0.00	28.90 0.48 0.00	26.50 0.39 0.00	27.45 0.33 0.00	26.42 0.47 0.00	27.48 0.46 0.00	26.10 0.23 0.00	28.96 0.23 0.00	32.21 0.26 0.00	35.72 0.21 -0.09	40.83 0.24 -1.22	42.14 0.00 -1.38	42.25 -0.16 -1.41	45.23 -0.22 -1.61	44.74 -0.13 -1.55	49.73 -0.24 -2.03	49.72 -0.45 0.00	60.01 -0.18 0.00	62.28 0.68 0.00	67.94 1.53 -2.83	66.21 1.97 -2.71	57.30 2.13 -2.04	52.06 1.79 -1.97	47.38 1.84 -1.72
BLDWN_LI_69_KV_BK4 356085	37.03 3.58 0.00	31.51 3.10 0.00	28.58 2.48 0.00	29.67 2.55 0.00	28.58 2.62 0.00	29.64 2.62 0.00	28.68 2.82 0.00	31.89 3.16 0.00	35.75 3.80 0.00	39.59 4.18 0.00	43.31 3.94 0.00	44.67 3.91 0.00	45.31 4.31 0.00	48.44 4.60 0.00	48.34 5.02 0.00	53.88 5.94 0.00	56.84 6.67 0.00	68.01 7.82 0.00	69.49 7.89 0.00	71.47 7.88 0.00	68.97 7.44 0.00	59.08 5.95 0.00	53.28 4.98 0.00	47.89 4.07 0.00
BLISS_WT_PWR 323608	32.01 -1.44 0.00	27.68 -0.74 0.00	25.51 -0.60 0.00	26.20 -0.92 0.00	24.81 -1.14 0.00	26.10 -0.92 0.00	25.50 -0.36 0.00	28.21 -0.52 0.00	31.54 -0.42 0.00	34.99 -0.42 0.00	39.05 -0.32 0.00	40.84 0.08 0.00	40.97 -0.04 0.00	43.75 -0.09 0.00	42.32 -0.99 0.00	46.26 -1.68 0.00	48.27 -1.91 0.00	58.62 -1.57 0.00	59.94 -1.66 0.00	63.39 -0.19 0.00	61.53 0.00 0.00	53.50 0.37 0.00	49.22 0.92 0.00	44.91 1.10 0.00
BLUESTONE___WT_PWR 323821	34.96 1.51 0.00	29.89 1.48 0.00	27.46 1.36 0.00	28.45 1.33 0.00	27.36 1.40 0.00	28.53 1.51 0.00	27.26 1.40 0.00	30.33 1.61 0.00	33.87 1.92 0.00	37.54 2.12 0.00	41.73 2.36 0.00	43.20 2.45 0.00	43.43 2.42 0.00	46.33 2.50 0.00	45.83 2.51 0.00	50.62 2.68 0.00	52.98 2.81 0.00	63.80 3.61 0.00	65.60 4.00 0.00	68.29 4.70 0.00	65.96 4.43 0.00	57.16 4.04 0.00	51.93 3.62 0.00	47.24 3.42 0.00
BLUE_CIRC_CHEM_DRP 24182	34.55 1.10 0.00	29.41 0.99 0.00	26.99 0.89 0.00	28.13 1.00 0.00	26.94 0.99 0.00	28.05 1.03 0.00	26.74 0.88 0.00	29.59 0.86 0.00	32.81 0.86 0.00	36.23 0.81 0.00	40.04 0.67 0.00	41.33 0.57 0.00	41.58 0.57 0.00	44.45 0.61 0.00	44.14 0.82 0.00	49.04 1.10 0.00	51.43 1.25 0.00	61.81 1.63 0.00	63.27 1.66 0.00	65.36 1.78 0.00	63.25 1.72 0.00	54.56 1.43 0.00	49.61 1.30 0.00	44.96 1.14 0.00
BOC_GAS_DRP 24189	34.42 0.97 0.00	29.30 0.88 0.00	26.91 0.81 0.00	28.02 0.90 0.00	26.86 0.91 0.00	27.97 0.95 0.00	26.69 0.83 0.00	29.59 0.86 0.00	32.88 0.93 0.00	36.33 0.92 0.00	40.20 0.83 0.00	41.57 0.82 0.00	41.83 0.82 0.00	44.71 0.88 0.00	44.36 1.04 0.00	49.23 1.29 0.00	51.68 1.51 0.00	61.99 1.81 0.00	63.39 1.79 0.00	65.36 1.78 0.00	63.25 1.72 0.00	54.46 1.33 0.00	49.46 1.16 0.00	44.78 0.96 0.00
BOONVILLE_115KV_TB1 79983	34.02 0.57 0.00	28.93 0.51 0.00	26.55 0.44 0.00	27.53 0.41 0.00	26.42 0.47 0.00	27.51 0.49 0.00	26.22 0.36 0.00	29.16 0.43 0.00	32.46 0.51 0.00	35.94 0.53 0.00	39.96 0.59 0.00	41.29 0.53 0.00	41.46 0.45 0.00	44.27 0.44 0.00	43.79 0.48 0.00	48.42 0.48 0.00	50.67 0.50 0.00	60.91 0.72 0.00	62.71 1.11 0.00	65.04 1.46 0.00	63.31 1.78 0.00	54.88 1.75 0.00	49.80 1.50 0.00	45.22 1.40 0.00
BORALEX_4TH_BRANCH 23824	36.26 2.81 0.00	30.83 2.42 0.00	28.25 2.14 0.00	29.40 2.28 0.00	28.19 2.23 0.00	29.35 2.32 0.00	28.06 2.20 0.00	31.45 2.73 0.00	34.92 2.97 0.00	38.28 2.87 0.00	42.16 2.80 0.00	43.49 2.73 0.00	43.63 2.62 0.00	46.46 2.63 0.00	46.09 2.77 0.00	51.20 3.26 0.00	54.09 3.91 0.00	65.00 4.82 0.00	66.53 4.93 0.00	68.48 4.90 0.00	66.08 4.55 0.00	56.64 3.51 0.00	51.30 2.99 0.00	46.27 2.45 0.00
BOWLINE___1 23526	36.09 2.64 0.00	30.66 2.24 0.00	28.04 1.93 0.00	29.16 2.04 0.00	28.01 2.05 0.00	29.16 2.13 0.00	27.96 2.09 0.00	31.11 2.38 0.00	34.67 2.71 0.00	38.35 2.94 0.00	42.32 2.95 0.00	43.81 3.06 0.00	44.12 3.12 0.00	47.21 3.38 0.00	47.00 3.68 0.00	52.26 4.32 0.00	54.94 4.77 0.00	65.79 5.60 0.00	67.15 5.55 0.00	69.11 5.53 0.00	66.82 5.29 0.00	57.06 3.93 0.00	51.83 3.52 0.00	46.88 3.07 0.00
BOWLINE___2 23595	36.09 2.64 0.00	30.66 2.24 0.00	28.04 1.93 0.00	29.16 2.04 0.00	28.01 2.05 0.00	29.16 2.13 0.00	27.96 2.09 0.00	31.11 2.38 0.00	34.67 2.71 0.00	38.35 2.94 0.00	42.32 2.95 0.00	43.81 3.06 0.00	44.12 3.12 0.00	47.21 3.38 0.00	47.00 3.68 0.00	52.26 4.32 0.00	54.94 4.77 0.00	65.79 5.60 0.00	67.15 5.55 0.00	69.11 5.53 0.00	66.82 5.29 0.00	57.06 3.93 0.00	51.83 3.52 0.00	46.88 3.07 0.00
BRADY___115KV_TB2 356060	32.78 -0.67 0.00	27.73 -0.68 0.00	25.53 -0.57 0.00	26.47 -0.65 0.00	25.41 -0.55 0.00	26.35 -0.68 0.00	25.24 -0.62 0.00	28.04 -0.69 0.00	31.22 -0.73 0.00	34.74 -0.67 0.00	38.70 -0.67 0.00	40.10 -0.65 0.00	40.43 -0.57 0.00	43.18 -0.66 0.00	42.58 -0.74 0.00	47.08 -0.86 0.00	49.17 -1.00 0.00	58.93 -1.26 0.00	60.49 -1.11 0.00	62.75 -0.83 0.00	61.16 -0.37 0.00	53.45 0.32 0.00	48.45 0.14 0.00	43.99 0.18 0.00
BRANSCOMB___SOLAR 323811	35.69 2.24 0.00	30.35 1.93 0.00	27.78 1.67 0.00	28.91 1.79 0.00	27.69 1.74 0.00	28.88 1.86 0.00	27.60 1.73 0.00	30.54 1.81 0.00	33.93 1.98 0.00	37.36 1.95 0.00	40.71 1.34 0.00	42.06 1.30 0.00	42.15 1.15 0.00	45.02 1.18 0.00	44.70 1.39 0.00	49.76 1.82 0.00	52.28 2.11 0.00	62.90 2.71 0.00	64.68 3.08 0.00	66.82 3.24 0.00	64.79 3.26 0.00	55.78 2.66 0.00	50.67 2.37 0.00	45.92 2.10 0.00
BRDGHMPT_69_KV_BK1 55812	36.99 3.55 0.00	31.74 3.32 0.00	28.66 2.56 0.00	29.62 2.50 0.00	28.60 2.65 0.00	29.59 2.57 0.00	29.07 3.21 0.00	32.14 3.42 0.00	36.27 4.31 0.00	40.19 4.78 0.00	43.70 4.33 0.00	45.12 4.36 0.00	46.01 5.00 0.00	49.36 5.52 0.00	49.43 6.11 0.00	55.37 7.43 0.00	58.71 8.53 -0.01	70.30 10.11 0.00	71.77 10.16 0.00	73.44 9.86 0.00	70.51 8.98 0.00	60.14 7.01 0.00	53.86 5.55 0.00	48.42 4.60 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	37.26 3.81 0.00	31.77 3.35 0.00	28.77 2.66 0.00	29.81 2.69 0.00	28.76 2.80 0.00	29.78 2.76 0.00	28.97 3.10 0.00	32.12 3.39 0.00	36.07 4.12 0.00	39.98 4.57 0.00	43.42 4.05 0.00	44.71 3.95 0.00	45.48 4.47 0.00	48.66 4.82 0.00	48.65 5.33 0.00	54.41 6.47 0.00	57.45 7.27 0.00	68.62 8.43 0.00	70.10 8.50 0.00	71.97 8.39 0.00	69.47 7.94 0.00	59.34 6.22 0.00	53.62 5.31 0.00	48.07 4.25 0.00
BRISTLHL_115KV_TB1 79998	33.11 -0.33 0.00	28.22 -0.20 0.00	25.90 -0.21 0.00	26.88 -0.24 0.00	25.67 -0.29 0.00	26.75 -0.27 0.00	25.60 -0.26 0.00	28.47 -0.26 0.00	31.66 -0.29 0.00	35.18 -0.46 -0.23	41.98 -0.43 -3.04	43.78 -0.41 -3.43	44.06 -0.45 -3.50	47.36 -0.48 -4.01	46.69 -0.48 -3.85	52.32 -0.67 -5.05	49.37 -0.80 0.00	59.23 -0.96 0.00	60.74 -0.86 0.00	69.91 -0.70 -7.03	67.47 -0.80 -6.75	57.47 -0.74 -5.08	52.58 -0.63 -4.90	47.66 -0.44 -4.28
BROOKHAVEN___DRP 24191	36.73 3.28 0.00	31.46 3.04 0.00	28.45 2.35 0.00	29.43 2.31 0.00	28.37 2.41 0.00	29.37 2.35 0.00	28.79 2.92 0.00	31.80 3.07 0.00	35.75 3.80 0.00	39.56 4.14 0.00	42.91 3.54 0.00	44.22 3.46 0.00	45.03 4.02 0.00	48.22 4.38 0.00	48.21 4.89 0.00	53.98 6.04 0.00	57.11 6.92 -0.01	68.31 8.13 0.00	69.80 8.19 0.00	71.59 8.01 0.00	68.97 7.44 0.00	58.97 5.84 0.00	53.04 4.73 0.00	47.50 3.68 0.00
BROOKLYN_NAVY_YARD 23515	36.52 3.08 0.00	30.98 2.56 0.00	28.25 2.14 0.00	29.43 2.30 0.00	28.26 2.31 0.00	29.40 2.38 0.00	28.29 2.43 0.00	31.48 2.76 0.00	35.08 3.13 0.00	38.85 3.43 0.00	42.75 3.39 0.00	44.26 3.51 0.00	44.57 3.57 0.00	47.69 3.86 0.00	47.56 4.25 0.00	52.93 4.99 0.00	55.69 5.52 0.00	66.63 6.44 0.00	67.95 6.35 0.00	69.88 6.30 0.00	67.50 5.97 0.00	57.49 4.36 0.00	52.41 4.10 0.00	47.50 3.68 0.00
BROOKLYN___ARMY_DRP 323595	36.74 3.28 -0.01	31.15 2.73 -0.01	28.38 2.27 0.00	29.56 2.44 0.00	28.43 2.47 -0.01	29.43 2.40 0.00	28.24 2.38 0.00	31.45 2.73 0.00	34.99 3.04 0.00	38.78 3.36 0.00	42.83 3.46 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.73 3.90 0.00	47.65 4.33 0.00	53.12 5.18 0.00	55.89 5.72 0.00	66.93 6.74 0.00	68.38 6.78 0.00	70.32 6.74 0.00	67.93 6.40 0.00	57.86 4.73 0.00	52.65 4.35 0.00	47.89 4.07 0.00
BROOME_2_LFGE 323671	34.08 0.63 0.00	29.10 0.68 0.00	26.76 0.65 0.00	27.69 0.57 0.00	26.42 0.47 0.00	27.56 0.54 0.00	26.46 0.60 0.00	29.39 0.66 0.00	32.69 0.74 0.00	36.19 0.78 0.00	40.31 0.94 0.00	41.78 1.02 0.00	41.99 0.98 0.00	44.93 1.10 0.00	44.36 1.04 0.00	48.90 0.96 0.00	51.23 1.06 0.00	61.57 1.39 0.00	62.96 1.35 0.00	65.36 1.78 0.00	63.19 1.66 0.00	54.51 1.38 0.00	49.65 1.35 0.00	45.09 1.27 0.00
BROOME___LFGE 323600	34.08 0.63 0.00	29.10 0.68 0.00	26.76 0.65 0.00	27.69 0.57 0.00	26.42 0.47 0.00	27.56 0.54 0.00	26.46 0.60 0.00	29.39 0.66 0.00	32.69 0.74 0.00	36.19 0.78 0.00	40.31 0.94 0.00	41.78 1.02 0.00	41.99 0.98 0.00	44.93 1.10 0.00	44.36 1.04 0.00	48.90 0.96 0.00	51.23 1.06 0.00	61.57 1.39 0.00	62.96 1.35 0.00	65.36 1.78 0.00	63.19 1.66 0.00	54.51 1.38 0.00	49.65 1.35 0.00	45.09 1.27 0.00
BROWNFLS_115KV_TB 3_5 80003	32.95 -0.50 0.00	27.96 -0.45 0.00	25.66 -0.44 0.00	26.61 -0.52 0.00	25.59 -0.36 0.00	26.51 -0.51 0.00	25.32 -0.54 0.00	28.12 -0.60 0.00	31.31 -0.64 0.00	34.81 -0.64 -0.03	39.16 -0.67 -0.46	40.54 -0.73 -0.52	40.80 -0.74 -0.53	43.61 -0.83 -0.61	43.08 -0.82 -0.59	47.75 -0.96 -0.77	49.02 -1.15 0.00	58.93 -1.26 0.00	60.74 -0.86 0.00	64.14 -0.51 -1.07	62.68 0.12 -1.02	54.54 0.64 -0.77	49.48 0.43 -0.74	44.99 0.53 -0.65
BROWNSV1_27_KV_LOAD 356125	36.79 3.34 0.00	31.23 2.81 0.00	28.48 2.38 0.00	29.65 2.52 0.00	28.50 2.54 0.00	29.62 2.59 0.00	28.47 2.61 0.00	31.68 2.96 0.00	35.34 3.39 0.00	39.13 3.72 0.00	43.19 3.82 0.00	44.67 3.91 0.00	45.03 4.02 0.00	48.17 4.34 0.00	48.04 4.72 0.00	53.50 5.56 0.00	56.34 6.17 0.00	67.59 7.40 0.00	68.99 7.39 0.00	71.02 7.44 0.00	68.60 7.08 0.00	58.44 5.31 0.00	53.13 4.83 0.00	48.02 4.21 0.00
BURROWS___LYONSDAL 23803	33.82 0.37 0.00	28.76 0.34 0.00	26.39 0.29 0.00	27.37 0.24 0.00	26.29 0.34 0.00	27.35 0.32 0.00	26.07 0.21 0.00	28.98 0.26 0.00	32.24 0.29 0.00	35.72 0.28 -0.02	40.00 0.31 -0.32	41.32 0.20 -0.36	41.54 0.16 -0.37	44.34 0.09 -0.42	43.89 0.17 -0.40	48.61 0.14 -0.53	50.27 0.10 0.00	60.49 0.30 0.00	62.28 0.68 0.00	65.46 1.14 -0.74	63.84 1.60 -0.71	55.31 1.65 -0.53	50.22 1.40 -0.51	45.62 1.36 -0.45
CAITHNESS_CC_1 323624	36.73 3.28 0.00	31.46 3.04 0.00	28.48 2.38 0.00	29.46 2.33 0.00	28.39 2.44 0.00	29.40 2.38 0.00	28.78 2.92 0.00	31.80 3.08 0.00	35.76 3.80 -0.01	39.56 4.14 -0.01	42.95 3.58 0.00	44.22 3.46 0.00	44.98 3.98 0.00	48.13 4.30 0.00	48.18 4.85 -0.01	53.79 5.85 -0.01	56.86 6.67 -0.02	67.96 7.77 -0.01	69.31 7.70 -0.01	71.09 7.50 -0.01	68.55 7.01 -0.01	58.66 5.53 -0.01	52.65 4.35 0.00	47.36 3.55 0.00
CALPINE BETH_PAGE_GT4 24209	37.03 3.58 0.00	31.51 3.10 0.00	28.58 2.48 0.00	29.67 2.55 0.00	28.58 2.62 0.00	29.62 2.59 0.00	28.71 2.84 0.00	31.89 3.16 0.00	35.79 3.83 0.00	39.63 4.21 0.00	43.15 3.78 0.00	44.47 3.71 0.00	45.11 4.10 0.00	48.09 4.25 0.00	48.00 4.68 0.00	53.50 5.56 0.00	56.44 6.27 0.00	67.65 7.46 0.00	69.06 7.45 0.00	71.02 7.44 0.00	68.54 7.01 0.00	58.60 5.47 0.00	52.89 4.59 0.00	47.50 3.68 0.00
CALPINE_BETH_PAGE_GT_4 323586	37.03 3.58 0.00	31.51 3.10 0.00	28.59 2.48 0.00	29.67 2.55 0.00	28.58 2.62 0.00	29.62 2.59 0.00	28.71 2.84 0.00	31.89 3.16 0.00	35.79 3.83 -0.01	39.63 4.21 -0.01	43.15 3.78 0.00	44.46 3.71 0.00	45.11 4.10 0.00	48.08 4.25 0.00	48.01 4.68 -0.01	53.41 5.46 -0.01	56.30 6.12 -0.01	67.36 7.16 -0.01	68.69 7.08 -0.01	70.65 7.06 -0.01	68.24 6.71 -0.01	58.29 5.15 -0.01	52.50 4.20 0.00	47.41 3.59 0.00
CALPINE_BP_GT1 23823	37.03 3.58 0.00	31.51 3.10 0.00	28.59 2.48 0.00	29.67 2.55 0.00	28.58 2.62 0.00	29.62 2.59 0.00	28.71 2.84 0.00	31.89 3.16 0.00	35.79 3.83 -0.01	39.63 4.21 -0.01	43.15 3.78 0.00	44.46 3.71 0.00	45.11 4.10 0.00	48.08 4.25 0.00	48.01 4.68 -0.01	53.41 5.46 -0.01	56.30 6.12 -0.01	67.36 7.16 -0.01	68.69 7.08 -0.01	70.65 7.06 -0.01	68.24 6.71 -0.01	58.29 5.15 -0.01	52.50 4.20 0.00	47.41 3.59 0.00
CALSPAN___DRP 24200	33.32 -0.13 0.00	28.81 0.40 0.00	26.50 0.39 0.00	27.07 -0.05 0.00	25.46 -0.49 0.00	26.67 -0.35 0.00	26.04 0.18 0.00	28.70 -0.03 0.00	32.05 0.10 0.00	35.73 0.32 0.00	40.00 0.63 0.00	41.57 0.82 0.00	41.83 0.82 0.00	44.84 1.01 0.00	43.66 0.35 0.00	47.60 -0.34 0.00	49.47 -0.70 0.00	58.93 -1.26 0.00	60.49 -1.11 0.00	63.84 0.25 0.00	61.28 -0.25 0.00	52.54 -0.58 0.00	48.69 0.39 0.00	44.56 0.74 0.00

CALVERTON___SOLAR 323806	36.73 3.28 0.00	31.49 3.07 0.00	28.48 2.38 0.00	29.43 2.30 0.00	28.37 2.41 0.00	29.40 2.38 0.00	28.84 2.97 0.00	31.83 3.10 0.00	35.82 3.86 -0.01	39.60 4.18 -0.01	43.03 3.66 0.00	44.30 3.54 0.00	45.11 4.10 0.00	48.31 4.47 0.00	48.39 5.07 -0.01	54.09 6.14 -0.01	57.21 7.02 -0.02	68.38 8.18 -0.01	69.74 8.13 -0.01	71.47 7.88 -0.01	68.92 7.38 -0.01	58.93 5.79 -0.01	52.80 4.49 0.00	47.54 3.72 0.00
CANDIGU_WT_PWR 323617	33.11 -0.33 0.00	28.45 0.03 0.00	26.18 0.08 0.00	26.93 -0.19 0.00	25.57 -0.39 0.00	26.78 -0.24 0.00	25.91 0.05 0.00	28.67 -0.06 0.00	31.92 -0.03 0.00	35.38 -0.04 0.00	39.57 0.20 0.00	41.16 0.41 0.00	41.38 0.37 0.00	44.27 0.44 0.00	43.19 -0.13 0.00	47.37 -0.57 0.00	49.47 -0.70 0.00	59.77 -0.42 0.00	61.30 -0.31 0.00	64.54 0.96 0.00	62.69 1.17 0.00	54.25 1.12 0.00	49.65 1.35 0.00	45.31 1.49 0.00
CARR STREET_E_SYR 24060	33.52 0.07 0.00	28.56 0.14 0.00	26.24 0.13 0.00	27.20 0.08 0.00	25.98 0.03 0.00	27.08 0.05 0.00	25.94 0.08 0.00	28.84 0.12 0.00	32.08 0.13 0.00	35.41 0.00 0.00	39.49 0.12 0.00	40.92 0.16 0.00	41.17 0.16 0.00	44.01 0.18 0.00	43.45 0.13 0.00	47.99 0.05 0.00	50.17 0.00 0.00	60.31 0.12 0.00	61.73 0.12 0.00	63.90 0.32 0.00	61.78 0.25 0.00	53.29 0.16 0.00	48.50 0.19 0.00	44.04 0.22 0.00
CARTHAGE___PAPER 23857	33.62 0.17 0.00	28.56 0.14 0.00	26.21 0.10 0.00	27.15 0.03 0.00	26.14 0.18 0.00	27.13 0.11 0.00	25.81 -0.05 0.00	28.67 -0.06 0.00	31.86 -0.10 0.00	35.35 -0.14 -0.08	40.19 -0.20 -1.01	41.49 -0.41 -1.14	41.68 -0.49 -1.17	44.55 -0.61 -1.33	44.08 -0.52 -1.28	49.00 -0.62 -1.68	49.42 -0.75 0.00	59.59 -0.60 0.00	61.73 0.12 0.00	66.75 0.82 0.00	65.25 1.47 -2.34	56.63 1.81 -2.25	51.34 1.40 -1.69	46.69 1.44 -1.43
CASSADAGA_WT_PWR 323784	32.68 -0.77 0.00	28.22 -0.20 0.00	26.13 0.03 0.00	26.66 -0.46 0.00	25.20 -0.75 0.00	26.37 -0.65 0.00	25.94 0.08 0.00	28.58 -0.14 0.00	32.05 0.10 0.00	35.87 0.46 0.00	40.04 0.67 0.00	41.53 0.77 0.00	41.70 0.70 0.00	44.58 0.74 0.00	43.40 0.09 0.00	47.61 -0.33 0.00	49.72 -0.45 0.00	60.31 0.12 0.00	61.85 0.25 0.00	65.23 1.65 0.00	63.25 1.72 0.00	54.78 1.65 0.00	50.53 2.22 0.00	46.01 2.19 0.00
CE_DUNWOOD___DRP 24194	36.26 2.81 0.00	30.80 2.39 0.00	28.11 2.01 0.00	29.27 2.14 0.00	28.14 2.18 0.00	29.26 2.24 0.00	28.09 2.22 0.00	31.25 2.53 0.00	34.86 2.91 0.00	38.57 3.15 0.00	42.52 3.15 0.00	44.02 3.26 0.00	44.37 3.36 0.00	47.43 3.59 0.00	47.30 3.99 0.00	52.64 4.70 0.00	55.54 5.37 0.00	66.63 6.44 0.00	68.01 6.41 0.00	70.00 6.42 0.00	67.56 6.03 0.00	57.64 4.52 0.00	52.26 3.96 0.00	47.19 3.37 0.00
CE_MILLWOOD___DRP 24193	36.19 2.74 0.00	30.75 2.33 0.00	28.06 1.96 0.00	29.24 2.12 0.00	28.08 2.13 0.00	29.21 2.19 0.00	28.04 2.17 0.00	31.20 2.47 0.00	34.76 2.81 0.00	38.46 3.05 0.00	42.44 3.07 0.00	43.89 3.14 0.00	44.25 3.24 0.00	47.30 3.46 0.00	47.17 3.86 0.00	52.49 4.55 0.00	55.34 5.17 0.00	66.45 6.26 0.00	67.82 6.22 0.00	69.81 6.23 0.00	67.37 5.85 0.00	57.54 4.41 0.00	52.17 3.86 0.00	47.10 3.29 0.00
CE_NYC2_DRP 24202	36.67 3.21 -0.01	31.12 2.70 -0.01	28.38 2.27 0.00	29.54 2.41 0.00	28.43 2.47 -0.01	29.43 2.40 0.00	28.29 2.43 0.00	31.48 2.76 0.00	35.02 3.07 0.00	38.74 3.33 0.00	42.75 3.39 0.00	44.26 3.51 0.00	44.62 3.61 0.00	47.65 3.81 0.00	47.56 4.25 0.00	52.93 4.99 0.00	55.74 5.57 0.00	66.75 6.56 0.00	68.19 6.59 0.00	70.13 6.55 0.00	67.74 6.21 0.00	57.70 4.57 0.00	52.55 4.25 0.00	47.67 3.86 0.00
CE_NYC_DRP 24195	36.56 3.11 0.00	31.03 2.61 0.00	28.30 2.19 0.00	29.48 2.36 0.00	28.34 2.39 0.00	29.45 2.43 0.00	28.32 2.46 0.00	31.51 2.79 0.00	35.11 3.16 0.00	38.88 3.47 0.00	42.87 3.50 0.00	44.34 3.59 0.00	44.70 3.69 0.00	47.78 3.95 0.00	47.69 4.38 0.00	53.07 5.13 0.00	55.94 5.77 0.00	67.05 6.86 0.00	68.44 6.84 0.00	70.45 6.87 0.00	67.99 6.46 0.00	58.02 4.89 0.00	52.70 4.40 0.00	47.63 3.81 0.00
CHAFFEE___LFGE 323603	33.35 -0.10 0.00	28.87 0.45 0.00	26.52 0.42 0.00	27.10 -0.03 0.00	25.54 -0.42 0.00	26.70 -0.32 0.00	26.07 0.21 0.00	28.75 0.03 0.00	32.11 0.16 0.00	35.84 0.43 0.00	40.08 0.71 0.00	41.69 0.94 0.00	41.95 0.94 0.00	44.97 1.14 0.00	43.79 0.48 0.00	47.94 0.00 0.00	49.92 -0.25 0.00	60.25 0.06 0.00	61.48 -0.12 0.00	64.47 0.89 0.00	62.27 0.74 0.00	53.87 0.74 0.00	49.56 1.25 0.00	45.13 1.31 0.00
CHATEAUG_35_KV_LOAD 355732	32.01 -1.44 0.00	27.02 -1.39 0.00	24.83 -1.28 0.00	25.79 -1.33 0.00	24.68 -1.27 0.00	25.62 -1.41 0.00	24.60 -1.27 0.00	27.43 -1.29 0.00	30.64 -1.31 0.00	34.21 -1.20 0.00	38.15 -1.22 0.00	39.53 -1.22 0.00	39.90 -1.11 0.00	42.65 -1.18 0.00	42.06 -1.26 0.00	46.45 -1.49 0.00	48.47 -1.71 0.00	58.08 -2.11 0.00	59.38 -2.22 0.00	61.36 -2.23 0.00	59.87 -1.66 0.00	52.33 -0.80 0.00	47.58 -0.72 0.00	43.16 -0.66 0.00
CHATEAUG_WT_PWR 323614	32.05 -1.40 0.00	27.05 -1.36 0.00	24.85 -1.25 0.00	25.82 -1.30 0.00	24.71 -1.25 0.00	25.64 -1.38 0.00	24.62 -1.24 0.00	27.49 -1.23 0.00	30.70 -1.25 0.00	34.28 -1.13 0.00	38.27 -1.10 0.00	39.66 -1.10 0.00	39.98 -1.02 0.00	42.74 -1.09 0.00	42.15 -1.17 0.00	46.55 -1.39 0.00	48.56 -1.61 0.00	58.14 -2.05 0.00	59.51 -2.09 0.00	61.42 -2.16 0.00	59.81 -1.72 0.00	52.33 -0.80 0.00	47.58 -0.72 0.00	43.11 -0.70 0.00
CHAT_HIGH_FALL_HYD 323578	32.01 -1.44 0.00	27.02 -1.39 0.00	24.83 -1.28 0.00	25.79 -1.33 0.00	24.68 -1.27 0.00	25.62 -1.41 0.00	24.60 -1.27 0.00	27.43 -1.29 0.00	30.64 -1.31 0.00	34.21 -1.20 0.00	38.15 -1.22 0.00	39.53 -1.22 0.00	39.90 -1.11 0.00	42.65 -1.18 0.00	42.06 -1.26 0.00	46.45 -1.49 0.00	48.47 -1.71 0.00	58.08 -2.11 0.00	59.38 -2.22 0.00	61.36 -2.23 0.00	59.87 -1.66 0.00	52.33 -0.80 0.00	47.58 -0.72 0.00	43.16 -0.66 0.00
CHAUTAUQUA___LFGE 323629	33.25 -0.20 0.00	28.76 0.34 0.00	26.50 0.39 0.00	27.07 -0.05 0.00	25.57 -0.39 0.00	26.72 -0.30 0.00	26.17 0.31 0.00	28.84 0.12 0.00	32.24 0.29 0.00	35.98 0.56 0.00	40.23 0.87 0.00	41.78 1.02 0.00	41.99 0.98 0.00	44.97 1.14 0.00	43.79 0.48 0.00	47.99 0.05 0.00	50.07 -0.10 0.00	60.55 0.36 0.00	61.91 0.31 0.00	65.10 1.52 0.00	62.94 1.42 0.00	54.51 1.38 0.00	50.19 1.88 0.00	45.70 1.88 0.00
CHERRYST_13_KV_LD 356241	36.66 3.21 0.00	31.12 2.70 0.00	28.38 2.27 0.00	29.54 2.41 0.00	28.40 2.44 0.00	29.53 2.51 0.00	28.40 2.53 0.00	31.60 2.87 0.00	35.21 3.26 0.00	38.99 3.58 0.00	42.99 3.62 0.00	44.51 3.75 0.00	44.86 3.85 0.00	47.95 4.12 0.00	47.87 4.55 0.00	53.26 5.32 0.00	56.14 5.97 0.00	67.29 7.10 0.00	68.69 7.08 0.00	70.70 7.12 0.00	68.24 6.71 0.00	58.18 5.05 0.00	52.89 4.59 0.00	47.80 3.99 0.00

CHESTROR_138KV_BK263 355645	35.82 2.37 0.00	30.46 2.05 0.00	27.85 1.75 0.00	28.97 1.84 0.00	27.85 1.89 0.00	28.97 1.95 0.00	27.75 1.89 0.00	30.85 2.13 0.00	34.38 2.43 0.00	38.03 2.62 0.00	41.97 2.60 0.00	43.45 2.69 0.00	43.76 2.75 0.00	46.81 2.98 0.00	46.57 3.25 0.00	51.78 3.84 0.00	54.39 4.21 0.00	65.31 5.12 0.00	66.72 5.11 0.00	68.73 5.15 0.00	66.57 5.05 0.00	56.95 3.83 0.00	51.68 3.38 0.00	46.67 2.85 0.00
CH_MIDHUDSON___DRP 24192	35.96 2.51 0.00	30.58 2.16 0.00	27.98 1.88 0.00	29.10 1.98 0.00	27.98 2.02 0.00	29.10 2.08 0.00	27.85 1.99 0.00	31.00 2.27 0.00	34.54 2.59 0.00	38.18 2.76 0.00	42.12 2.76 0.00	43.61 2.85 0.00	43.88 2.87 0.00	46.95 3.11 0.00	46.70 3.38 0.00	51.92 3.98 0.00	54.54 4.36 0.00	65.49 5.30 0.00	66.96 5.36 0.00	68.99 5.40 0.00	66.82 5.29 0.00	57.17 4.04 0.00	51.83 3.53 0.00	46.80 2.98 0.00
CH_MISC_IPPS 23765	36.16 2.71 0.00	30.75 2.33 0.00	28.09 1.98 0.00	29.24 2.12 0.00	28.08 2.13 0.00	29.24 2.22 0.00	27.98 2.12 0.00	31.11 2.38 0.00	34.70 2.75 0.00	38.35 2.94 0.00	42.36 2.99 0.00	43.89 3.14 0.00	44.17 3.16 0.00	47.30 3.46 0.00	46.96 3.64 0.00	52.21 4.27 0.00	54.64 4.46 0.00	65.54 5.35 0.00	66.96 5.36 0.00	68.98 5.40 0.00	67.00 5.47 0.00	57.32 4.20 0.00	52.02 3.72 0.00	47.06 3.24 0.00
CH_RES_BVR_FALLS 23983	32.61 -0.83 0.00	27.65 -0.77 0.00	25.43 -0.68 0.00	26.42 -0.71 0.00	25.31 -0.65 0.00	26.32 -0.70 0.00	25.19 -0.67 0.00	28.04 -0.69 0.00	31.25 -0.70 0.00	34.71 -0.71 0.00	38.66 -0.71 0.00	40.06 -0.69 0.00	40.35 -0.66 0.00	43.09 -0.75 0.00	42.58 -0.74 0.00	47.12 -0.82 0.00	49.32 -0.85 0.00	59.11 -1.08 0.00	60.55 -1.05 0.00	62.56 -1.02 0.00	60.67 -0.86 0.00	52.55 -0.58 0.00	47.77 -0.53 0.00	43.34 -0.48 0.00
CH_RES_NIAGARA 23895	33.08 -0.37 0.00	28.62 0.20 0.00	26.29 0.18 0.00	26.85 -0.27 0.00	25.20 -0.75 0.00	26.37 -0.65 0.00	25.79 -0.08 0.00	28.41 -0.32 0.00	31.63 -0.32 0.00	35.31 -0.11 0.00	39.53 0.16 0.00	41.04 0.29 0.00	41.30 0.29 0.00	44.23 0.39 0.00	43.06 -0.26 0.00	46.89 -1.05 0.00	48.62 -1.56 0.00	57.78 -2.41 0.00	59.38 -2.22 0.00	62.31 -1.27 0.00	59.87 -1.66 0.00	51.22 -1.91 0.00	47.58 -0.72 0.00	43.64 -0.18 0.00
CH_RES_SYRACUSE 23985	33.68 0.24 0.00	28.67 0.26 0.00	26.34 0.23 0.00	27.31 0.19 0.00	26.09 0.13 0.00	27.18 0.16 0.00	26.05 0.18 0.00	28.98 0.26 0.00	32.24 0.29 0.00	35.72 0.21 -0.09	40.98 0.39 -1.22	42.53 0.41 -1.37	42.82 0.41 -1.40	45.87 0.44 -1.60	45.24 0.39 -1.54	50.29 0.34 -2.01	50.47 0.30 0.00	60.67 0.48 0.00	62.09 0.49 0.00	67.09 0.70 -2.81	64.77 0.55 -2.69	55.63 0.48 -2.03	50.74 0.48 -1.96	46.01 0.48 -1.71
CLINTON_WT_PWR 323605	32.05 -1.40 0.00	27.05 -1.36 0.00	24.85 -1.25 0.00	25.82 -1.30 0.00	24.71 -1.25 0.00	25.64 -1.38 0.00	24.62 -1.24 0.00	27.49 -1.23 0.00	30.70 -1.25 0.00	34.28 -1.13 0.00	38.27 -1.10 0.00	39.66 -1.10 0.00	39.98 -1.02 0.00	42.74 -1.09 0.00	42.15 -1.17 0.00	46.55 -1.39 0.00	48.56 -1.61 0.00	58.14 -2.05 0.00	59.51 -2.09 0.00	61.42 -2.16 0.00	59.81 -1.72 0.00	52.33 -0.80 0.00	47.58 -0.72 0.00	43.11 -0.70 0.00
CLINTON___LFGE 323618	32.41 -1.04 0.00	27.37 -1.05 0.00	25.17 -0.94 0.00	26.12 -1.00 0.00	25.00 -0.96 0.00	25.91 -1.11 0.00	24.88 -0.98 0.00	27.81 -0.92 0.00	31.12 -0.83 0.00	34.74 -0.67 0.00	38.74 -0.63 0.00	40.19 -0.57 0.00	40.56 -0.45 0.00	43.35 -0.48 0.00	42.75 -0.56 0.00	47.17 -0.77 0.00	49.22 -0.95 0.00	58.86 -1.32 0.00	60.19 -1.41 0.00	62.31 -1.27 0.00	60.73 -0.80 0.00	53.29 0.16 0.00	48.45 0.15 0.00	43.86 0.04 0.00
COBBLENY_34_KV_TB1 80064	33.35 -0.10 0.00	28.87 0.45 0.00	26.52 0.42 0.00	27.10 -0.03 0.00	25.49 -0.47 0.00	26.70 -0.32 0.00	26.07 0.21 0.00	28.75 0.03 0.00	32.11 0.16 0.00	35.84 0.42 0.00	40.08 0.71 0.00	41.69 0.94 0.00	41.95 0.94 0.00	44.97 1.14 0.00	43.79 0.48 0.00	47.75 -0.19 0.00	49.67 -0.50 0.00	59.17 -1.02 0.00	60.74 -0.86 0.00	64.09 0.51 0.00	61.53 0.00 0.00	52.70 -0.43 0.00	48.83 0.53 0.00	44.65 0.83 0.00
COFFEEN___115KV_TB3 355620	34.19 0.74 0.00	29.10 0.68 0.00	26.68 0.57 0.00	27.58 0.46 0.00	26.58 0.62 0.00	27.64 0.62 0.00	26.25 0.39 0.00	29.13 0.40 0.00	32.37 0.42 0.00	35.93 0.42 -0.09	41.10 0.47 -1.26	42.34 0.16 -1.42	42.46 0.00 -1.45	45.45 -0.04 -1.66	44.96 0.04 -1.60	50.03 0.00 -2.09	49.97 -0.20 0.00	60.31 0.12 0.00	62.65 1.05 0.00	68.53 2.03 -2.91	66.72 2.40 -2.80	57.78 2.55 -2.11	52.46 2.13 -2.03	47.78 2.19 -1.77
COLDSPRG_115KV_BK1 355956	33.35 -0.10 0.00	28.81 0.40 0.00	26.57 0.47 0.00	27.15 0.03 0.00	25.59 -0.36 0.00	26.86 -0.16 0.00	26.28 0.41 0.00	28.98 0.26 0.00	32.46 0.51 0.00	36.23 0.81 0.00	40.47 1.10 0.00	42.06 1.30 0.00	42.24 1.23 0.00	45.24 1.40 0.00	44.10 0.78 0.00	48.18 0.24 0.00	50.32 0.15 0.00	60.07 -0.12 0.00	61.79 0.18 0.00	65.55 1.97 0.00	62.94 1.42 0.00	53.98 0.85 0.00	49.95 1.64 0.00	45.57 1.75 0.00
COLONIE_LFGE___ 323577	35.29 1.84 0.00	30.01 1.59 0.00	27.49 1.38 0.00	28.61 1.49 0.00	27.41 1.45 0.00	28.56 1.54 0.00	27.28 1.42 0.00	30.33 1.61 0.00	33.71 1.76 0.00	37.15 1.73 0.00	40.90 1.53 0.00	42.22 1.47 0.00	42.40 1.40 0.00	45.28 1.44 0.00	45.00 1.69 0.00	49.95 2.01 0.00	52.48 2.31 0.00	63.02 2.83 0.00	64.50 2.90 0.00	66.57 2.99 0.00	64.36 2.83 0.00	55.31 2.18 0.00	50.24 1.93 0.00	45.48 1.66 0.00
COOPERNY_115KV_TB1 80082	35.49 2.04 0.00	30.18 1.76 0.00	27.62 1.51 0.00	28.75 1.63 0.00	27.59 1.64 0.00	28.72 1.70 0.00	27.49 1.63 0.00	30.56 1.84 0.00	34.06 2.11 0.00	37.64 2.23 0.00	41.61 2.24 0.00	43.08 2.32 0.00	43.35 2.34 0.00	46.38 2.54 0.00	46.13 2.82 0.00	51.20 3.26 0.00	53.83 3.66 0.00	64.58 4.39 0.00	65.98 4.37 0.00	68.10 4.51 0.00	65.77 4.25 0.00	56.42 3.29 0.00	51.20 2.90 0.00	46.31 2.50 0.00
COPENHAGEN_WT_PWR 323753	33.88 0.43 0.00	28.84 0.43 0.00	26.47 0.37 0.00	27.39 0.27 0.00	26.37 0.41 0.00	27.40 0.38 0.00	26.05 0.18 0.00	28.93 0.20 0.00	32.14 0.19 0.00	35.69 0.18 -0.10	40.89 0.20 -1.33	42.21 -0.04 -1.50	42.37 -0.16 -1.53	45.32 -0.26 -1.75	44.82 -0.17 -1.68	49.90 -0.24 -2.20	49.72 -0.45 0.00	60.01 -0.18 0.00	62.16 0.55 0.00	67.99 1.34 -3.07	66.19 1.72 -2.94	57.31 1.97 -2.22	52.08 1.64 -2.14	47.39 1.71 -1.87
CORNELL_____ 23752	34.32 0.87 0.00	29.27 0.85 0.00	26.89 0.78 0.00	27.83 0.71 0.00	26.58 0.62 0.00	27.75 0.73 0.00	26.59 0.72 0.00	29.59 0.86 0.00	32.88 0.93 0.00	36.33 0.92 0.00	40.47 1.10 0.00	41.94 1.18 0.00	42.16 1.15 0.00	45.06 1.23 0.00	44.53 1.21 0.00	49.09 1.15 0.00	51.43 1.25 0.00	61.81 1.63 0.00	63.57 1.97 0.00	66.12 2.54 0.00	63.81 2.28 0.00	54.99 1.86 0.00	50.09 1.79 0.00	45.53 1.71 0.00

CORONA V_69_KV_TB1 355595	36.99 3.55 0.00	31.46 3.04 0.00	28.56 2.45 0.00	29.67 2.55 0.00	28.58 2.62 0.00	29.62 2.59 0.00	28.66 2.79 0.00	31.83 3.10 0.00	35.66 3.71 0.00	39.45 4.04 0.00	43.31 3.94 0.00	44.67 3.91 0.00	45.27 4.26 0.00	48.44 4.60 0.00	48.30 4.98 0.00	53.79 5.85 0.00	56.64 6.47 0.00	68.01 7.82 0.00	69.49 7.89 0.00	71.59 8.01 0.00	69.16 7.63 0.00	59.03 5.90 0.00	53.28 4.98 0.00	47.89 4.07 0.00
CORTLAND_115KV_TB3 80093	34.12 0.67 0.00	29.07 0.65 0.00	26.71 0.60 0.00	27.69 0.57 0.00	26.45 0.49 0.00	27.59 0.57 0.00	26.41 0.54 0.00	29.36 0.63 0.00	32.65 0.70 0.00	36.09 0.67 0.00	40.20 0.83 0.00	41.61 0.86 0.00	41.87 0.86 0.00	44.75 0.92 0.00	44.23 0.91 0.00	48.80 0.86 0.00	51.08 0.90 0.00	61.33 1.14 0.00	62.96 1.36 0.00	65.42 1.84 0.00	63.13 1.60 0.00	54.46 1.33 0.00	49.56 1.26 0.00	45.00 1.18 0.00
COXSACKIE___GT 23611	35.52 2.07 0.00	30.29 1.88 0.00	27.67 1.57 0.00	28.78 1.65 0.00	27.62 1.66 0.00	28.78 1.76 0.00	27.34 1.47 0.00	30.16 1.44 0.00	33.49 1.53 0.00	36.94 1.52 0.00	40.67 1.30 0.00	42.06 1.30 0.00	42.15 1.15 0.00	45.28 1.44 0.00	44.70 1.39 0.00	49.66 1.72 0.00	51.53 1.36 0.00	61.99 1.80 0.00	63.82 2.21 0.00	66.19 2.61 0.00	65.22 3.69 0.00	56.48 3.35 0.00	51.40 3.09 0.00	46.45 2.63 0.00
CPV_VALLEY___CC1 323721	35.59 2.14 0.00	30.26 1.85 0.00	27.67 1.57 0.00	28.80 1.68 0.00	27.64 1.69 0.00	28.78 1.76 0.00	27.57 1.71 0.00	30.65 1.92 0.00	34.15 2.20 0.00	37.75 2.34 0.00	41.69 2.32 0.00	43.16 2.40 0.00	43.47 2.46 0.00	46.46 2.63 0.00	46.22 2.90 0.00	51.34 3.40 0.00	53.94 3.76 0.00	64.64 4.45 0.00	65.98 4.37 0.00	67.96 4.38 0.00	65.77 4.24 0.00	56.26 3.13 0.00	51.10 2.80 0.00	46.27 2.45 0.00
CPV_VALLEY___CC2 323722	35.59 2.14 0.00	30.26 1.85 0.00	27.67 1.57 0.00	28.80 1.68 0.00	27.64 1.69 0.00	28.78 1.76 0.00	27.57 1.71 0.00	30.65 1.92 0.00	34.15 2.20 0.00	37.75 2.34 0.00	41.69 2.32 0.00	43.16 2.40 0.00	43.47 2.46 0.00	46.46 2.63 0.00	46.22 2.90 0.00	51.34 3.40 0.00	53.94 3.76 0.00	64.64 4.45 0.00	65.98 4.37 0.00	67.96 4.38 0.00	65.77 4.24 0.00	56.26 3.13 0.00	51.10 2.80 0.00	46.27 2.45 0.00
CRESCENT___HYD 24018	35.29 1.84 0.00	30.01 1.59 0.00	27.49 1.38 0.00	28.61 1.49 0.00	27.41 1.45 0.00	28.56 1.54 0.00	27.28 1.42 0.00	30.33 1.61 0.00	33.71 1.76 0.00	37.15 1.73 0.00	40.90 1.53 0.00	42.22 1.47 0.00	42.40 1.40 0.00	45.28 1.44 0.00	45.00 1.69 0.00	49.95 2.01 0.00	52.48 2.31 0.00	63.02 2.83 0.00	64.50 2.90 0.00	66.57 2.99 0.00	64.36 2.83 0.00	55.31 2.18 0.00	50.24 1.93 0.00	45.48 1.66 0.00
CRICKET___VALLEY_CC1 323756	35.69 2.24 0.00	30.35 1.93 0.00	27.83 1.72 0.00	28.94 1.82 0.00	27.83 1.87 0.00	28.94 1.92 0.00	27.67 1.81 0.00	30.85 2.13 0.00	34.35 2.40 0.00	37.85 2.44 0.00	41.73 2.36 0.00	43.16 2.40 0.00	43.43 2.42 0.00	46.37 2.54 0.00	46.18 2.86 0.00	51.25 3.31 0.00	53.94 3.76 0.00	64.64 4.45 0.00	65.98 4.37 0.00	67.91 4.33 0.00	65.59 4.06 0.00	56.05 2.92 0.00	50.86 2.56 0.00	46.01 2.19 0.00
CRICKET___VALLEY_CC2 323757	35.69 2.24 0.00	30.35 1.93 0.00	27.83 1.72 0.00	28.94 1.82 0.00	27.83 1.87 0.00	28.94 1.92 0.00	27.67 1.81 0.00	30.85 2.13 0.00	34.35 2.40 0.00	37.85 2.44 0.00	41.73 2.36 0.00	43.16 2.40 0.00	43.43 2.42 0.00	46.37 2.54 0.00	46.18 2.86 0.00	51.25 3.31 0.00	53.94 3.76 0.00	64.64 4.45 0.00	65.98 4.37 0.00	67.91 4.33 0.00	65.59 4.06 0.00	56.05 2.92 0.00	50.86 2.56 0.00	46.01 2.19 0.00
CRICKET___VALLEY_CC3 323758	35.69 2.24 0.00	30.35 1.93 0.00	27.83 1.72 0.00	28.94 1.82 0.00	27.83 1.87 0.00	28.94 1.92 0.00	27.67 1.81 0.00	30.85 2.13 0.00	34.35 2.40 0.00	37.85 2.44 0.00	41.73 2.36 0.00	43.16 2.40 0.00	43.43 2.42 0.00	46.37 2.54 0.00	46.18 2.86 0.00	51.25 3.31 0.00	53.94 3.76 0.00	64.64 4.45 0.00	65.98 4.37 0.00	67.91 4.33 0.00	65.59 4.06 0.00	56.05 2.92 0.00	50.86 2.56 0.00	46.01 2.19 0.00
CRUCIBLE_METL_DRP 24180	33.68 0.23 0.00	28.67 0.26 0.00	26.34 0.23 0.00	27.31 0.19 0.00	26.09 0.13 0.00	27.18 0.16 0.00	26.04 0.18 0.00	28.98 0.26 0.00	32.24 0.29 0.00	35.72 0.21 -0.09	40.98 0.39 -1.22	42.53 0.41 -1.37	42.82 0.41 -1.40	45.87 0.44 -1.60	45.24 0.39 -1.54	50.24 0.29 -2.01	50.42 0.25 0.00	60.49 0.30 0.00	62.03 0.43 0.00	67.09 0.70 -2.81	64.71 0.49 -2.69	55.48 0.32 -2.03	50.65 0.39 -1.96	45.96 0.44 -1.71
DAHOWA___HYDRO 323763	35.86 2.41 0.00	30.49 2.07 0.00	27.85 1.75 0.00	29.02 1.90 0.00	27.77 1.82 0.00	28.99 1.97 0.00	27.70 1.84 0.00	30.62 1.90 0.00	34.03 2.08 0.00	37.50 2.09 0.00	40.71 1.34 0.00	42.06 1.30 0.00	42.15 1.15 0.00	44.97 1.14 0.00	44.70 1.39 0.00	49.76 1.82 0.00	52.28 2.11 0.00	62.83 2.65 0.00	64.74 3.14 0.00	66.95 3.37 0.00	64.91 3.38 0.00	55.89 2.76 0.00	50.81 2.51 0.00	46.01 2.19 0.00
DANC___LFGE 323619	33.65 0.20 0.00	28.64 0.23 0.00	26.29 0.18 0.00	27.23 0.11 0.00	26.14 0.18 0.00	27.21 0.19 0.00	25.94 0.08 0.00	28.81 0.09 0.00	32.02 0.06 0.00	35.54 0.00 -0.13	41.10 0.04 -1.69	42.54 -0.12 -1.91	42.71 -0.24 -1.95	45.75 -0.30 -2.23	45.16 -0.30 -2.14	50.36 -0.39 -2.80	49.52 -0.65 0.00	59.71 -0.48 0.00	61.54 -0.06 0.00	67.99 0.51 -3.91	66.07 0.80 -3.75	56.91 0.96 -2.82	51.85 0.82 -2.72	47.16 0.96 -2.38
DANSKAMMER___1 23586	36.16 2.71 0.00	30.75 2.33 0.00	28.09 1.98 0.00	29.24 2.12 0.00	28.08 2.13 0.00	29.24 2.22 0.00	27.98 2.12 0.00	31.11 2.38 0.00	34.70 2.75 0.00	38.35 2.94 0.00	42.36 2.99 0.00	43.89 3.14 0.00	44.17 3.16 0.00	47.30 3.46 0.00	46.96 3.64 0.00	52.21 4.27 0.00	54.64 4.46 0.00	65.54 5.35 0.00	66.96 5.36 0.00	68.98 5.40 0.00	67.00 5.47 0.00	57.32 4.20 0.00	52.02 3.72 0.00	47.06 3.24 0.00
DANSKAMMER___2 23589	36.16 2.71 0.00	30.75 2.33 0.00	28.09 1.98 0.00	29.24 2.12 0.00	28.08 2.13 0.00	29.24 2.22 0.00	27.98 2.12 0.00	31.11 2.38 0.00	34.70 2.75 0.00	38.35 2.94 0.00	42.36 2.99 0.00	43.89 3.14 0.00	44.17 3.16 0.00	47.30 3.46 0.00	46.96 3.64 0.00	52.21 4.27 0.00	54.64 4.46 0.00	65.54 5.35 0.00	66.96 5.36 0.00	68.98 5.40 0.00	67.00 5.47 0.00	57.32 4.20 0.00	52.02 3.72 0.00	47.06 3.24 0.00
DANSKAMMER___3 23590	36.16 2.71 0.00	30.75 2.33 0.00	28.09 1.98 0.00	29.24 2.12 0.00	28.08 2.13 0.00	29.24 2.22 0.00	27.98 2.12 0.00	31.11 2.38 0.00	34.70 2.75 0.00	38.35 2.94 0.00	42.36 2.99 0.00	43.89 3.14 0.00	44.17 3.16 0.00	47.30 3.46 0.00	46.96 3.64 0.00	52.21 4.27 0.00	54.64 4.46 0.00	65.54 5.35 0.00	66.96 5.36 0.00	68.98 5.40 0.00	67.00 5.47 0.00	57.32 4.20 0.00	52.02 3.72 0.00	47.06 3.24 0.00

DANSKAMMER___4 23591	36.16 2.71 0.00	30.75 2.33 0.00	28.09 1.98 0.00	29.24 2.12 0.00	28.08 2.13 0.00	29.24 2.22 0.00	27.98 2.12 0.00	31.11 2.38 0.00	34.70 2.75 0.00	38.35 2.94 0.00	42.36 2.99 0.00	43.89 3.14 0.00	44.17 3.16 0.00	47.30 3.46 0.00	46.96 3.64 0.00	52.21 4.27 0.00	54.64 4.46 0.00	65.54 5.35 0.00	66.96 5.36 0.00	68.98 5.40 0.00	67.00 5.47 0.00	57.32 4.20 0.00	52.02 3.72 0.00	47.06 3.24 0.00
DANSKAMMER___DIESEL 23592	36.16 2.71 0.00	30.75 2.33 0.00	28.09 1.98 0.00	29.24 2.12 0.00	28.11 2.15 0.00	29.24 2.22 0.00	27.98 2.12 0.00	31.11 2.38 0.00	34.70 2.75 0.00	38.35 2.94 0.00	42.36 2.99 0.00	43.89 3.14 0.00	44.17 3.16 0.00	47.30 3.46 0.00	47.00 3.68 0.00	52.25 4.31 0.00	54.79 4.62 0.00	65.79 5.60 0.00	67.27 5.67 0.00	69.37 5.79 0.00	67.31 5.78 0.00	57.59 4.46 0.00	52.26 3.96 0.00	47.15 3.33 0.00
DARBY___SOLAR 323810	35.72 2.28 0.00	30.38 1.96 0.00	27.78 1.67 0.00	28.94 1.82 0.00	27.69 1.74 0.00	28.91 1.89 0.00	27.60 1.73 0.00	30.54 1.81 0.00	33.93 1.98 0.00	37.40 1.98 0.00	40.71 1.34 0.00	42.02 1.26 0.00	42.15 1.15 0.00	44.97 1.14 0.00	44.70 1.39 0.00	49.76 1.82 0.00	52.28 2.11 0.00	62.83 2.65 0.00	64.68 3.08 0.00	66.82 3.24 0.00	64.79 3.26 0.00	55.78 2.66 0.00	50.67 2.37 0.00	45.92 2.10 0.00
DASHVILLE___HYD 23610	35.86 2.41 0.00	30.52 2.10 0.00	27.91 1.80 0.00	29.02 1.90 0.00	27.90 1.95 0.00	28.99 1.97 0.00	27.70 1.84 0.00	30.74 2.01 0.00	34.22 2.27 0.00	37.86 2.44 0.00	41.81 2.44 0.00	43.32 2.57 0.00	43.59 2.58 0.00	46.68 2.85 0.00	46.39 3.08 0.00	51.54 3.60 0.00	53.99 3.81 0.00	64.82 4.63 0.00	66.28 4.68 0.00	68.35 4.77 0.00	66.39 4.86 0.00	56.95 3.83 0.00	51.73 3.43 0.00	46.71 2.89 0.00
DELAWARE___LFGE 323621	34.95 1.51 0.00	29.75 1.34 0.00	27.36 1.25 0.00	28.45 1.33 0.00	27.28 1.32 0.00	28.43 1.41 0.00	27.13 1.27 0.00	30.10 1.38 0.00	33.52 1.57 0.00	37.11 1.70 0.00	41.14 1.77 0.00	42.55 1.79 0.00	42.81 1.80 0.00	45.76 1.93 0.00	45.35 2.04 0.00	50.24 2.30 0.00	52.63 2.46 0.00	63.20 3.01 0.00	64.68 3.08 0.00	66.89 3.31 0.00	64.67 3.14 0.00	55.73 2.60 0.00	50.62 2.32 0.00	45.88 2.06 0.00
DERFIELD_115KV_TB7 355931	33.72 0.27 0.00	28.67 0.26 0.00	26.31 0.21 0.00	27.37 0.24 0.00	26.19 0.23 0.00	27.29 0.27 0.00	26.10 0.23 0.00	28.96 0.23 0.00	32.21 0.26 0.00	35.66 0.25 0.00	39.60 0.24 0.00	40.96 0.20 0.00	41.21 0.21 0.00	44.05 0.22 0.00	43.58 0.26 0.00	48.28 0.34 0.00	50.52 0.35 0.00	60.61 0.42 0.00	62.10 0.49 0.00	64.09 0.51 0.00	62.02 0.49 0.00	53.50 0.37 0.00	48.69 0.39 0.00	44.12 0.31 0.00
DOGLEVILLE___HYD 23807	33.01 -0.43 0.00	28.10 -0.31 0.00	25.84 -0.26 0.00	26.82 -0.30 0.00	25.75 -0.21 0.00	26.83 -0.19 0.00	25.63 -0.23 0.00	28.50 -0.23 0.00	31.73 -0.22 0.00	35.20 -0.21 0.00	39.09 -0.28 0.00	40.47 -0.29 0.00	40.72 -0.29 0.00	43.44 -0.39 0.00	42.97 -0.35 0.00	47.60 -0.34 0.00	49.77 -0.40 0.00	59.77 -0.42 0.00	61.23 -0.37 0.00	63.26 -0.32 0.00	61.16 -0.37 0.00	52.97 -0.16 0.00	48.11 -0.19 0.00	43.64 -0.18 0.00
DUNKIRK___115KV_TB_200 55889	33.32 -0.13 0.00	28.81 0.40 0.00	26.55 0.44 0.00	27.10 -0.03 0.00	25.54 -0.42 0.00	26.75 -0.27 0.00	26.17 0.31 0.00	28.87 0.14 0.00	32.27 0.32 0.00	36.02 0.60 0.00	40.23 0.87 0.00	41.78 1.02 0.00	42.03 1.03 0.00	45.02 1.18 0.00	43.84 0.52 0.00	47.84 -0.10 0.00	49.87 -0.30 0.00	59.47 -0.72 0.00	61.17 -0.43 0.00	64.73 1.14 0.00	62.21 0.68 0.00	53.34 0.21 0.00	49.37 1.06 0.00	45.18 1.36 0.00
DUNKIRK___1 23563	33.32 -0.13 0.00	28.81 0.40 0.00	26.55 0.44 0.00	27.10 -0.03 0.00	25.54 -0.42 0.00	26.75 -0.27 0.00	26.17 0.31 0.00	28.87 0.14 0.00	32.27 0.32 0.00	36.02 0.60 0.00	40.23 0.87 0.00	41.78 1.02 0.00	42.03 1.03 0.00	45.02 1.18 0.00	43.84 0.52 0.00	47.84 -0.10 0.00	49.87 -0.30 0.00	59.47 -0.72 0.00	61.17 -0.43 0.00	64.73 1.14 0.00	62.21 0.68 0.00	53.34 0.21 0.00	49.37 1.06 0.00	45.18 1.36 0.00
DUNKIRK___2 23564	33.32 -0.13 0.00	28.81 0.40 0.00	26.55 0.44 0.00	27.10 -0.03 0.00	25.54 -0.42 0.00	26.75 -0.27 0.00	26.17 0.31 0.00	28.87 0.14 0.00	32.27 0.32 0.00	36.02 0.60 0.00	40.23 0.87 0.00	41.78 1.02 0.00	42.03 1.03 0.00	45.02 1.18 0.00	43.84 0.52 0.00	47.84 -0.10 0.00	49.87 -0.30 0.00	59.47 -0.72 0.00	61.17 -0.43 0.00	64.73 1.14 0.00	62.21 0.68 0.00	53.34 0.21 0.00	49.37 1.06 0.00	45.18 1.36 0.00
DUNKIRK___3 23565	33.32 -0.13 0.00	28.79 0.37 0.00	26.52 0.42 0.00	27.10 -0.03 0.00	25.51 -0.44 0.00	26.72 -0.30 0.00	26.12 0.26 0.00	28.81 0.09 0.00	32.18 0.22 0.00	35.87 0.46 0.00	40.12 0.75 0.00	41.69 0.94 0.00	41.91 0.90 0.00	44.89 1.05 0.00	43.75 0.43 0.00	47.75 -0.19 0.00	49.72 -0.45 0.00	59.29 -0.90 0.00	60.92 -0.68 0.00	64.41 0.83 0.00	61.84 0.31 0.00	53.02 -0.11 0.00	49.08 0.77 0.00	44.91 1.10 0.00
DUNKIRK___4 23566	33.32 -0.13 0.00	28.79 0.37 0.00	26.52 0.42 0.00	27.10 -0.03 0.00	25.51 -0.44 0.00	26.72 -0.30 0.00	26.12 0.26 0.00	28.81 0.09 0.00	32.18 0.22 0.00	35.87 0.46 0.00	40.12 0.75 0.00	41.69 0.94 0.00	41.91 0.90 0.00	44.89 1.05 0.00	43.75 0.43 0.00	47.75 -0.19 0.00	49.72 -0.45 0.00	59.29 -0.90 0.00	60.92 -0.68 0.00	64.41 0.83 0.00	61.84 0.31 0.00	53.02 -0.11 0.00	49.08 0.77 0.00	44.91 1.10 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.33 2.88 0.00	30.86 2.44 0.00	28.17 2.06 0.00	29.32 2.20 0.00	28.19 2.23 0.00	29.32 2.30 0.00	28.14 2.28 0.00	31.34 2.61 0.00	34.92 2.97 0.00	38.67 3.26 0.00	42.64 3.27 0.00	44.14 3.38 0.00	44.49 3.49 0.00	47.56 3.73 0.00	47.43 4.12 0.00	52.78 4.84 0.00	55.69 5.52 0.00	66.81 6.62 0.00	68.19 6.59 0.00	70.19 6.61 0.00	67.74 6.21 0.00	57.80 4.68 0.00	52.41 4.11 0.00	47.32 3.51 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.99 2.54 0.00	30.60 2.19 0.00	27.96 1.85 0.00	29.10 1.98 0.00	27.95 2.00 0.00	29.10 2.08 0.00	27.85 1.99 0.00	30.97 2.24 0.00	34.54 2.59 0.00	38.18 2.76 0.00	42.16 2.80 0.00	43.65 2.89 0.00	43.92 2.91 0.00	47.03 3.20 0.00	46.78 3.47 0.00	52.01 4.07 0.00	54.59 4.42 0.00	65.55 5.36 0.00	66.96 5.36 0.00	69.05 5.47 0.00	66.94 5.41 0.00	57.27 4.14 0.00	51.97 3.67 0.00	46.93 3.11 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	36.70 3.24 -0.01	31.18 2.76 -0.01	28.43 2.32 0.00	29.59 2.47 0.00	28.51 2.54 -0.01	29.37 2.35 0.00	28.22 2.35 0.00	31.37 2.64 0.00	34.86 2.91 0.00	38.60 3.19 0.00	42.56 3.19 0.00	44.06 3.30 0.00	44.45 3.44 0.00	47.43 3.59 0.00	47.35 4.03 0.00	52.73 4.79 0.00	55.49 5.32 0.00	66.45 6.26 0.00	67.89 6.28 0.00	69.88 6.29 0.00	67.44 5.91 0.00	57.49 4.36 0.00	52.51 4.20 0.00	47.80 3.99 0.00

E179THST_13_KV_LOAD 356214	36.90 3.45 -0.01	31.32 2.90 -0.01	28.53 2.43 0.00	29.73 2.60 0.00	28.61 2.65 -0.01	29.48 2.46 0.00	28.35 2.48 0.00	31.51 2.79 0.00	35.05 3.10 0.00	38.78 3.36 0.00	42.79 3.43 0.00	44.30 3.55 0.00	44.66 3.65 0.00	47.69 3.86 0.00	47.61 4.29 0.00	53.02 5.08 0.00	55.79 5.62 0.00	66.87 6.68 0.00	68.32 6.71 0.00	70.26 6.68 0.00	67.87 6.34 0.00	57.80 4.68 0.00	52.80 4.49 0.00	48.07 4.25 0.00
EAST HAMPTON___GT 23717	36.86 3.41 0.00	31.63 3.21 0.00	28.53 2.43 0.00	29.54 2.41 0.00	28.50 2.55 0.00	29.53 2.51 0.00	29.04 3.18 0.00	32.09 3.36 0.00	36.27 4.31 -0.01	40.24 4.82 -0.01	43.78 4.41 0.00	45.24 4.48 0.00	46.17 5.17 0.00	49.53 5.70 0.00	49.60 6.28 -0.01	55.42 7.48 -0.01	58.82 8.63 -0.02	70.43 10.23 -0.01	71.71 10.10 -0.01	73.19 9.60 -0.01	70.21 8.68 -0.01	59.78 6.64 -0.01	53.28 4.98 0.00	48.42 4.60 0.00
EAST RIVER___6 23660	36.59 3.14 0.00	31.06 2.64 0.00	28.32 2.22 0.00	29.48 2.36 0.00	28.32 2.36 0.00	29.45 2.43 0.00	28.35 2.48 0.00	31.57 2.84 0.00	35.15 3.19 0.00	38.89 3.47 0.00	42.87 3.50 0.00	44.30 3.54 0.00	44.66 3.65 0.00	47.78 3.95 0.00	47.78 4.46 0.00	53.12 5.18 0.00	55.89 5.72 0.00	66.75 6.56 0.00	68.07 6.47 0.00	69.94 6.36 0.00	67.62 6.09 0.00	57.59 4.46 0.00	52.46 4.15 0.00	47.54 3.72 0.00
EAST RIVER___7 23524	36.59 3.14 0.00	31.06 2.64 0.00	28.32 2.22 0.00	29.48 2.36 0.00	28.32 2.36 0.00	29.45 2.43 0.00	28.35 2.48 0.00	31.57 2.84 0.00	35.15 3.19 0.00	38.89 3.47 0.00	42.87 3.50 0.00	44.30 3.54 0.00	44.66 3.65 0.00	47.78 3.95 0.00	47.78 4.46 0.00	53.12 5.18 0.00	55.89 5.72 0.00	66.75 6.56 0.00	68.07 6.47 0.00	69.94 6.36 0.00	67.62 6.09 0.00	57.59 4.46 0.00	52.46 4.15 0.00	47.54 3.72 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.26 2.81 0.00	30.80 2.39 0.00	28.11 2.01 0.00	29.27 2.14 0.00	28.14 2.18 0.00	29.26 2.24 0.00	28.09 2.22 0.00	31.25 2.53 0.00	34.86 2.91 0.00	38.57 3.15 0.00	42.52 3.15 0.00	44.02 3.26 0.00	44.37 3.36 0.00	47.43 3.59 0.00	47.30 3.99 0.00	52.64 4.70 0.00	55.54 5.37 0.00	66.63 6.44 0.00	68.01 6.41 0.00	70.00 6.42 0.00	67.56 6.03 0.00	57.64 4.52 0.00	52.26 3.96 0.00	47.19 3.37 0.00
EAST_HAMPTON___DIESEL 23722	36.79 3.34 0.00	31.57 3.15 0.00	28.48 2.38 0.00	29.48 2.36 0.00	28.47 2.52 0.00	29.48 2.46 0.00	28.99 3.13 0.00	32.03 3.30 0.00	36.21 4.25 -0.01	40.20 4.78 -0.01	43.70 4.33 0.00	45.16 4.40 0.00	46.09 5.08 0.00	49.45 5.61 0.00	49.52 6.19 -0.01	55.33 7.38 -0.01	58.72 8.53 -0.02	70.31 10.11 -0.01	71.53 9.92 -0.01	73.06 9.48 -0.01	70.09 8.55 -0.01	59.62 6.48 -0.01	53.18 4.88 0.00	48.33 4.51 0.00
EAST_POINT___SOLAR 323840	36.56 3.11 0.00	31.09 2.67 0.00	28.37 2.27 0.00	29.56 2.44 0.00	28.26 2.31 0.00	29.53 2.51 0.00	27.98 2.12 0.00	30.62 1.90 0.00	33.80 1.85 0.00	37.36 1.95 0.00	41.38 2.01 0.00	42.39 1.63 0.00	42.40 1.40 0.00	45.72 1.88 0.00	45.31 1.99 0.00	50.24 2.30 0.00	52.68 2.51 0.00	63.68 3.49 0.00	66.10 4.49 0.00	69.31 5.72 0.00	67.56 6.03 0.00	58.28 5.15 0.00	52.99 4.68 0.00	48.02 4.21 0.00
EAST_PULASKI___ESR 323781	33.45 0.00 0.00	28.47 0.06 0.00	26.16 0.05 0.00	27.10 -0.03 0.00	25.96 0.00 0.00	27.02 0.00 0.00	25.84 -0.03 0.00	28.73 0.00 0.00	31.92 -0.03 0.00	35.43 -0.18 -0.19	41.79 -0.12 -2.54	43.46 -0.16 -2.87	43.65 -0.29 -2.92	46.87 -0.30 -3.34	46.18 -0.35 -3.21	51.67 -0.48 -4.21	49.42 -0.75 0.00	59.40 -0.78 0.00	61.05 -0.56 0.00	69.20 -0.25 -5.87	67.10 -0.06 -5.63	57.37 0.00 -4.24	52.44 0.05 -4.09	47.70 0.31 -3.57
EAST_RIVER___1 323558	36.56 3.11 0.00	31.03 2.61 0.00	28.30 2.19 0.00	29.48 2.36 0.00	28.32 2.36 0.00	29.45 2.43 0.00	28.32 2.46 0.00	31.51 2.79 0.00	35.12 3.16 0.00	38.89 3.47 0.00	42.87 3.50 0.00	44.34 3.59 0.00	44.70 3.69 0.00	47.78 3.95 0.00	47.69 4.37 0.00	53.02 5.08 0.00	55.79 5.62 0.00	66.75 6.56 0.00	68.07 6.47 0.00	70.00 6.42 0.00	67.62 6.09 0.00	57.59 4.46 0.00	52.46 4.15 0.00	47.54 3.72 0.00
EAST_RIVER___2 323559	36.59 3.14 0.00	31.06 2.64 0.00	28.32 2.22 0.00	29.48 2.36 0.00	28.32 2.36 0.00	29.45 2.43 0.00	28.35 2.48 0.00	31.57 2.84 0.00	35.15 3.19 0.00	38.89 3.47 0.00	42.87 3.50 0.00	44.30 3.54 0.00	44.66 3.65 0.00	47.78 3.95 0.00	47.78 4.46 0.00	53.12 5.18 0.00	55.89 5.72 0.00	66.75 6.56 0.00	68.07 6.47 0.00	69.94 6.36 0.00	67.62 6.09 0.00	57.59 4.46 0.00	52.46 4.15 0.00	47.54 3.72 0.00
EAST___DELAWARE_HYD 23607	35.76 2.31 0.00	30.41 1.99 0.00	27.80 1.70 0.00	28.88 1.76 0.00	27.77 1.82 0.00	28.91 1.89 0.00	27.65 1.78 0.00	30.74 2.01 0.00	34.28 2.33 0.00	37.93 2.51 0.00	41.89 2.52 0.00	43.37 2.61 0.00	43.63 2.63 0.00	46.77 2.94 0.00	46.44 3.12 0.00	51.54 3.60 0.00	53.88 3.71 0.00	64.58 4.39 0.00	66.04 4.44 0.00	68.16 4.58 0.00	66.39 4.86 0.00	56.96 3.83 0.00	51.68 3.38 0.00	46.75 2.94 0.00
EIGHT_POINT___WT_PWR 323820	32.85 -0.60 0.00	28.25 -0.17 0.00	26.03 -0.08 0.00	26.77 -0.35 0.00	25.41 -0.55 0.00	26.64 -0.38 0.00	25.81 -0.05 0.00	28.61 -0.11 0.00	31.82 -0.13 0.00	35.31 -0.11 0.00	39.57 0.20 0.00	41.16 0.41 0.00	41.33 0.33 0.00	44.18 0.35 0.00	43.10 -0.22 0.00	47.17 -0.77 0.00	49.32 -0.85 0.00	59.77 -0.42 0.00	61.54 -0.06 0.00	65.04 1.46 0.00	63.25 1.72 0.00	54.83 1.70 0.00	50.19 1.88 0.00	45.88 2.06 0.00
ELBRIDGE_115KV_TB2 80188	33.55 0.10 0.00	28.59 0.17 0.00	26.26 0.16 0.00	27.20 0.08 0.00	25.98 0.03 0.00	27.08 0.05 0.00	25.97 0.10 0.00	28.87 0.14 0.00	32.11 0.16 0.00	35.54 0.04 -0.09	40.76 0.16 -1.24	42.35 0.20 -1.39	42.59 0.16 -1.42	45.68 0.22 -1.63	45.05 0.17 -1.56	49.99 0.00 -2.05	50.12 -0.05 0.00	60.13 -0.06 0.00	61.66 0.06 0.00	66.75 0.32 -2.85	64.45 0.18 -2.74	55.24 0.05 -2.06	50.44 0.14 -1.99	45.77 0.22 -1.74
ELEC_TRO_TEK 24086	36.76 3.31 0.00	31.26 2.84 0.00	28.40 2.30 0.00	29.51 2.39 0.00	28.40 2.44 0.00	29.45 2.43 0.00	28.50 2.64 0.00	31.66 2.93 0.00	35.47 3.51 0.00	39.24 3.82 0.00	42.99 3.62 0.00	44.34 3.59 0.00	44.94 3.94 0.00	48.04 4.21 0.00	47.91 4.59 0.00	53.36 5.42 0.00	56.24 6.07 0.00	67.47 7.28 0.00	68.93 7.33 0.00	70.96 7.38 0.00	68.48 6.95 0.00	58.49 5.37 0.00	52.84 4.54 0.00	47.50 3.68 0.00
ELLENBURG_WT_PWR 323604	32.05 -1.40 0.00	27.05 -1.36 0.00	24.85 -1.25 0.00	25.82 -1.30 0.00	24.71 -1.25 0.00	25.64 -1.38 0.00	24.62 -1.24 0.00	27.49 -1.23 0.00	30.70 -1.25 0.00	34.28 -1.13 0.00	38.27 -1.10 0.00	39.66 -1.10 0.00	39.98 -1.02 0.00	42.74 -1.09 0.00	42.15 -1.17 0.00	46.55 -1.39 0.00	48.56 -1.61 0.00	58.14 -2.05 0.00	59.51 -2.09 0.00	61.42 -2.16 0.00	59.81 -1.72 0.00	52.33 -0.80 0.00	47.58 -0.72 0.00	43.11 -0.70 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	33.32 -0.13 0.00	28.81 0.40 0.00	26.50 0.39 0.00	27.07 -0.05 0.00	25.44 -0.52 0.00	26.62 -0.41 0.00	26.02 0.16 0.00	28.67 -0.06 0.00	32.02 0.06 0.00	35.70 0.28 0.00	39.96 0.59 0.00	41.53 0.77 0.00	41.79 0.78 0.00	44.75 0.92 0.00	43.58 0.26 0.00	47.51 -0.43 0.00	49.37 -0.80 0.00	58.74 -1.44 0.00	60.37 -1.23 0.00	63.58 0.00 0.00	61.04 -0.49 0.00	52.28 -0.85 0.00	48.50 0.19 0.00	44.39 0.57 0.00
EMPIRE_CC_1 323656	34.49 1.04 0.00	29.38 0.97 0.00	26.94 0.84 0.00	28.07 0.95 0.00	26.86 0.91 0.00	27.99 0.97 0.00	26.72 0.85 0.00	29.62 0.89 0.00	32.91 0.96 0.00	36.37 0.96 0.00	40.16 0.79 0.00	41.49 0.73 0.00	41.75 0.74 0.00	44.62 0.79 0.00	44.27 0.95 0.00	49.18 1.24 0.00	51.53 1.36 0.00	61.81 1.63 0.00	63.20 1.60 0.00	65.17 1.59 0.00	63.07 1.54 0.00	54.25 1.12 0.00	49.32 1.02 0.00	44.69 0.88 0.00
EMPIRE_CC_2 323658	34.49 1.04 0.00	29.38 0.97 0.00	26.94 0.84 0.00	28.07 0.95 0.00	26.86 0.91 0.00	27.99 0.97 0.00	26.72 0.85 0.00	29.62 0.89 0.00	32.91 0.96 0.00	36.37 0.96 0.00	40.16 0.79 0.00	41.49 0.73 0.00	41.75 0.74 0.00	44.62 0.79 0.00	44.27 0.95 0.00	49.18 1.24 0.00	51.53 1.36 0.00	61.81 1.63 0.00	63.20 1.60 0.00	65.17 1.59 0.00	63.07 1.54 0.00	54.25 1.12 0.00	49.32 1.02 0.00	44.69 0.88 0.00
ENORWICH_115KV_TB1 80156	35.36 1.91 0.00	30.24 1.82 0.00	27.75 1.64 0.00	28.72 1.60 0.00	27.64 1.69 0.00	28.86 1.84 0.00	27.52 1.66 0.00	30.65 1.92 0.00	34.22 2.27 0.00	37.86 2.44 0.00	42.12 2.76 0.00	43.57 2.81 0.00	43.80 2.79 0.00	46.68 2.85 0.00	46.26 2.95 0.00	51.06 3.12 0.00	53.43 3.26 0.00	64.34 4.15 0.00	66.53 4.93 0.00	69.56 5.98 0.00	67.07 5.54 0.00	58.18 5.05 0.00	52.84 4.54 0.00	48.16 4.34 0.00
ERIE_ST__34_KV_TB1-2 80199	33.25 -0.20 0.00	28.73 0.31 0.00	26.42 0.31 0.00	26.99 -0.14 0.00	25.38 -0.57 0.00	26.59 -0.43 0.00	25.97 0.10 0.00	28.67 -0.06 0.00	32.02 0.06 0.00	35.73 0.32 0.00	39.96 0.59 0.00	41.61 0.86 0.00	41.83 0.82 0.00	44.84 1.01 0.00	43.71 0.39 0.00	47.75 -0.19 0.00	49.72 -0.45 0.00	59.23 -0.96 0.00	60.80 -0.80 0.00	64.15 0.57 0.00	61.53 0.00 0.00	52.70 -0.43 0.00	48.79 0.48 0.00	44.61 0.79 0.00
ERIE_WT_PWR 323693	33.32 -0.13 0.00	28.81 0.40 0.00	26.50 0.39 0.00	27.07 -0.05 0.00	25.51 -0.44 0.00	26.67 -0.35 0.00	26.05 0.18 0.00	28.70 -0.03 0.00	32.05 0.10 0.00	35.73 0.32 0.00	40.00 0.63 0.00	41.57 0.81 0.00	41.83 0.82 0.00	44.84 1.01 0.00	43.66 0.34 0.00	47.80 -0.14 0.00	49.72 -0.45 0.00	60.07 -0.12 0.00	61.24 -0.37 0.00	64.28 0.70 0.00	62.08 0.55 0.00	53.77 0.64 0.00	49.46 1.16 0.00	45.04 1.23 0.00
ESPRGFLD_115KV_TB1 80157	35.86 2.41 0.00	30.55 2.13 0.00	28.01 1.91 0.00	29.10 1.98 0.00	27.90 1.95 0.00	29.10 2.08 0.00	27.75 1.89 0.00	30.68 1.95 0.00	34.12 2.17 0.00	37.79 2.37 0.00	41.93 2.56 0.00	43.32 2.57 0.00	43.51 2.50 0.00	46.55 2.72 0.00	46.13 2.82 0.00	51.06 3.12 0.00	53.48 3.31 0.00	64.40 4.21 0.00	66.22 4.62 0.00	68.86 5.28 0.00	66.64 5.11 0.00	57.54 4.41 0.00	52.22 3.91 0.00	47.37 3.55 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.29 0.84 0.00	29.24 0.82 0.00	26.86 0.76 0.00	27.83 0.71 0.00	26.55 0.60 0.00	27.72 0.70 0.00	26.56 0.70 0.00	29.53 0.80 0.00	32.85 0.89 0.00	36.30 0.89 0.00	40.43 1.06 0.00	41.90 1.14 0.00	42.12 1.11 0.00	45.02 1.18 0.00	44.44 1.13 0.00	49.04 1.10 0.00	51.38 1.20 0.00	61.75 1.56 0.00	63.45 1.85 0.00	66.00 2.42 0.00	63.68 2.15 0.00	54.94 1.81 0.00	49.99 1.69 0.00	45.44 1.62 0.00
ETNA____115KV_TB2 80207	34.29 0.84 0.00	29.24 0.82 0.00	26.86 0.76 0.00	27.83 0.71 0.00	26.55 0.60 0.00	27.72 0.70 0.00	26.56 0.70 0.00	29.53 0.80 0.00	32.85 0.89 0.00	36.30 0.89 0.00	40.43 1.06 0.00	41.90 1.14 0.00	42.12 1.11 0.00	45.02 1.18 0.00	44.44 1.13 0.00	49.04 1.10 0.00	51.38 1.20 0.00	61.75 1.56 0.00	63.45 1.85 0.00	66.00 2.42 0.00	63.68 2.15 0.00	54.94 1.81 0.00	49.99 1.69 0.00	45.44 1.62 0.00
EUCLID__115KV_TB2 356179	33.38 -0.07 0.00	28.45 0.03 0.00	26.13 0.03 0.00	27.07 -0.05 0.00	25.85 -0.10 0.00	26.94 -0.08 0.00	25.84 -0.03 0.00	28.70 -0.03 0.00	31.92 -0.03 0.00	35.31 -0.14 0.00	39.87 -0.08 0.00	41.37 -0.04 0.00	41.60 -0.08 0.00	44.56 -0.04 0.00	43.97 -0.09 0.00	48.67 -0.24 0.00	49.87 -0.30 0.00	59.83 -0.36 0.00	61.29 -0.31 0.00	64.80 -0.13 0.00	62.57 -0.25 0.00	53.84 -0.27 0.00	49.05 -0.19 0.00	44.55 -0.09 0.00
E_CANADA_CAP_HY 24051	36.43 2.98 0.00	30.98 2.56 0.00	28.32 2.22 0.00	29.48 2.36 0.00	28.21 2.26 0.00	29.45 2.43 0.00	28.04 2.17 0.00	30.88 2.16 0.00	34.22 2.27 0.00	37.85 2.44 0.00	41.85 2.48 0.00	43.12 2.36 0.00	43.26 2.25 0.00	46.37 2.54 0.00	45.96 2.64 0.00	51.01 3.07 0.00	53.53 3.36 0.00	64.53 4.34 0.00	66.59 4.99 0.00	69.31 5.72 0.00	67.25 5.72 0.00	58.07 4.94 0.00	52.74 4.44 0.00	47.80 3.99 0.00
E_CANADA_MHWK_HY 24050	33.01 -0.44 0.00	28.10 -0.31 0.00	25.84 -0.26 0.00	26.82 -0.30 0.00	25.75 -0.21 0.00	26.83 -0.19 0.00	25.63 -0.23 0.00	28.50 -0.23 0.00	31.73 -0.22 0.00	35.20 -0.21 0.00	39.09 -0.27 0.00	40.47 -0.28 0.00	40.72 -0.29 0.00	43.44 -0.40 0.00	42.97 -0.35 0.00	47.55 -0.39 0.00	49.72 -0.45 0.00	59.71 -0.48 0.00	61.17 -0.43 0.00	63.20 -0.38 0.00	61.16 -0.37 0.00	52.97 -0.16 0.00	48.11 -0.19 0.00	43.64 -0.17 0.00
E_FISHKILL__LBMP 23776	35.89 2.44 0.00	30.52 2.10 0.00	27.91 1.80 0.00	29.05 1.93 0.00	27.90 1.95 0.00	29.02 2.00 0.00	27.80 1.94 0.00	30.97 2.24 0.00	34.48 2.52 0.00	38.10 2.69 0.00	42.05 2.68 0.00	43.49 2.73 0.00	43.80 2.79 0.00	46.81 2.98 0.00	46.65 3.34 0.00	51.87 3.93 0.00	54.64 4.47 0.00	65.55 5.36 0.00	66.96 5.36 0.00	68.92 5.34 0.00	66.57 5.05 0.00	56.95 3.83 0.00	51.64 3.33 0.00	46.67 2.85 0.00
FALCON__SEABRD_CC1 323796	32.35 -1.10 0.00	27.34 -1.08 0.00	25.11 -0.99 0.00	26.09 -1.03 0.00	24.94 -1.01 0.00	25.89 -1.13 0.00	24.85 -1.01 0.00	27.78 -0.95 0.00	31.06 -0.89 0.00	34.67 -0.75 0.00	38.70 -0.67 0.00	40.10 -0.65 0.00	40.47 -0.53 0.00	43.26 -0.57 0.00	42.67 -0.65 0.00	47.08 -0.86 0.00	49.12 -1.06 0.00	58.74 -1.45 0.00	60.12 -1.48 0.00	62.12 -1.46 0.00	60.54 -0.99 0.00	53.02 -0.11 0.00	48.26 -0.05 0.00	43.69 -0.13 0.00
FALCON__SEABRD_CC2 323797	32.35 -1.10 0.00	27.34 -1.08 0.00	25.11 -0.99 0.00	26.09 -1.03 0.00	24.94 -1.01 0.00	25.89 -1.13 0.00	24.85 -1.01 0.00	27.78 -0.95 0.00	31.06 -0.89 0.00	34.67 -0.75 0.00	38.70 -0.67 0.00	40.10 -0.65 0.00	40.47 -0.53 0.00	43.26 -0.57 0.00	42.67 -0.65 0.00	47.08 -0.86 0.00	49.12 -1.06 0.00	58.74 -1.45 0.00	60.12 -1.48 0.00	62.12 -1.46 0.00	60.54 -0.99 0.00	53.02 -0.11 0.00	48.26 -0.05 0.00	43.69 -0.13 0.00

FAR ROCKAWAY___4 23548	37.30 3.85 0.00	31.71 3.30 0.00	28.77 2.66 0.00	29.89 2.77 0.00	28.78 2.83 0.00	29.83 2.81 0.00	28.86 3.00 0.00	32.09 3.36 0.00	35.98 4.03 0.00	39.84 4.43 0.00	43.74 4.37 0.00	45.12 4.36 0.00	45.72 4.72 0.00	48.96 5.13 0.00	48.86 5.54 0.00	54.41 6.47 0.00	57.35 7.17 0.00	68.86 8.67 0.00	70.35 8.75 0.00	72.42 8.84 0.00	69.96 8.43 0.00	59.72 6.59 0.00	53.86 5.55 0.00	48.42 4.60 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.56 3.11 0.00	31.03 2.61 0.00	28.30 2.19 0.00	29.46 2.33 0.00	28.32 2.36 0.00	29.43 2.40 0.00	28.29 2.43 0.00	31.48 2.76 0.00	35.11 3.16 0.00	38.85 3.44 0.00	42.87 3.50 0.00	44.34 3.59 0.00	44.70 3.69 0.00	47.78 3.95 0.00	47.69 4.38 0.00	53.02 5.08 0.00	55.89 5.72 0.00	66.99 6.80 0.00	68.44 6.84 0.00	70.38 6.80 0.00	67.99 6.46 0.00	57.96 4.83 0.00	52.70 4.40 0.00	47.63 3.81 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.56 3.11 0.00	31.03 2.61 0.00	28.30 2.19 0.00	29.48 2.36 0.00	28.34 2.39 0.00	29.45 2.43 0.00	28.32 2.46 0.00	31.51 2.79 0.00	35.11 3.16 0.00	38.88 3.47 0.00	42.87 3.50 0.00	44.34 3.59 0.00	44.70 3.69 0.00	47.82 3.99 0.00	47.69 4.38 0.00	53.07 5.13 0.00	55.89 5.72 0.00	67.05 6.86 0.00	68.44 6.84 0.00	70.45 6.87 0.00	67.99 6.46 0.00	58.02 4.89 0.00	52.70 4.40 0.00	47.63 3.81 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.53 3.08 0.00	31.00 2.59 0.00	28.30 2.19 0.00	29.46 2.33 0.00	28.32 2.36 0.00	29.43 2.40 0.00	28.29 2.43 0.00	31.48 2.76 0.00	35.08 3.13 0.00	38.85 3.44 0.00	42.83 3.46 0.00	44.30 3.55 0.00	44.66 3.65 0.00	47.78 3.95 0.00	47.65 4.33 0.00	53.02 5.08 0.00	55.84 5.67 0.00	66.99 6.80 0.00	68.38 6.78 0.00	70.38 6.80 0.00	67.93 6.40 0.00	57.96 4.83 0.00	52.65 4.35 0.00	47.59 3.77 0.00
FARRAGUT___LBMP 323566	36.53 3.08 0.00	31.00 2.59 0.00	28.27 2.17 0.00	29.43 2.31 0.00	28.29 2.34 0.00	29.40 2.38 0.00	28.27 2.41 0.00	31.45 2.73 0.00	35.05 3.10 0.00	38.81 3.40 0.00	42.79 3.43 0.00	44.30 3.55 0.00	44.66 3.65 0.00	47.73 3.90 0.00	47.61 4.29 0.00	52.97 5.03 0.00	55.79 5.62 0.00	66.93 6.74 0.00	68.32 6.71 0.00	70.32 6.74 0.00	67.87 6.34 0.00	57.91 4.78 0.00	52.60 4.30 0.00	47.59 3.77 0.00
FENNER___WINDPWR 24204	34.22 0.77 0.00	29.13 0.71 0.00	26.76 0.65 0.00	27.72 0.60 0.00	26.55 0.60 0.00	27.67 0.65 0.00	26.46 0.60 0.00	29.41 0.69 0.00	32.72 0.77 0.00	36.19 0.78 0.00	40.27 0.91 0.00	41.69 0.94 0.00	41.91 0.90 0.00	44.76 0.92 0.00	44.27 0.95 0.00	48.90 0.96 0.00	51.18 1.00 0.00	61.57 1.39 0.00	63.14 1.54 0.00	65.49 1.91 0.00	63.37 1.84 0.00	54.83 1.70 0.00	49.80 1.50 0.00	45.22 1.40 0.00
FIBERTEK___ENERGY 23856	33.68 0.23 0.00	28.67 0.26 0.00	26.34 0.23 0.00	27.31 0.19 0.00	26.09 0.13 0.00	27.18 0.16 0.00	26.04 0.18 0.00	28.98 0.26 0.00	32.24 0.29 0.00	35.72 0.21 -0.09	40.98 0.39 -1.22	42.53 0.41 -1.37	42.82 0.41 -1.40	45.87 0.44 -1.60	45.24 0.39 -1.54	50.24 0.29 -2.01	50.42 0.25 0.00	60.49 0.30 0.00	62.03 0.43 0.00	67.09 0.70 -2.81	64.71 0.49 -2.69	55.48 0.32 -2.03	50.65 0.39 -1.96	45.96 0.44 -1.71
FITZPATRICK___ 23598	32.85 -0.60 0.00	27.96 -0.46 0.00	25.69 -0.42 0.00	26.64 -0.49 0.00	25.46 -0.49 0.00	26.51 -0.51 0.00	25.40 -0.46 0.00	28.24 -0.49 0.00	31.34 -0.61 0.00	33.76 -0.81 0.84	27.18 -0.83 11.36	27.09 -0.86 12.81	27.07 -0.86 13.08	27.95 -0.92 14.96	27.99 -0.95 14.38	28.00 -1.10 18.84	48.97 -1.20 0.00	58.81 -1.38 0.00	60.19 -1.41 0.00	36.00 -1.34 26.24	35.00 -1.35 25.17	33.00 -1.17 18.96	29.00 -1.02 18.29	26.96 -0.88 15.98
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.23 2.78 0.00	30.80 2.39 0.00	28.14 2.04 0.00	29.27 2.14 0.00	28.14 2.18 0.00	29.29 2.27 0.00	28.01 2.15 0.00	31.17 2.44 0.00	34.76 2.81 0.00	38.42 3.01 0.00	42.44 3.07 0.00	43.98 3.22 0.00	44.25 3.24 0.00	47.38 3.55 0.00	47.09 3.77 0.00	52.35 4.41 0.00	54.89 4.72 0.00	65.91 5.72 0.00	67.39 5.79 0.00	69.49 5.91 0.00	67.50 5.97 0.00	57.75 4.62 0.00	52.36 4.06 0.00	47.23 3.42 0.00
FORT ORANGE___ 23900	34.49 1.04 0.00	29.38 0.97 0.00	26.91 0.81 0.00	28.05 0.92 0.00	26.86 0.91 0.00	27.99 0.97 0.00	26.69 0.83 0.00	29.53 0.80 0.00	32.81 0.86 0.00	36.26 0.85 0.00	40.00 0.63 0.00	41.33 0.57 0.00	41.54 0.53 0.00	44.45 0.61 0.00	44.14 0.82 0.00	48.99 1.05 0.00	51.37 1.20 0.00	61.63 1.44 0.00	63.14 1.54 0.00	65.17 1.59 0.00	63.13 1.60 0.00	54.35 1.22 0.00	49.42 1.11 0.00	44.78 0.96 0.00
FORT_DRUM_COGEN 23780	33.92 0.47 0.00	28.84 0.43 0.00	26.47 0.37 0.00	27.39 0.27 0.00	26.37 0.42 0.00	27.43 0.41 0.00	26.04 0.18 0.00	28.93 0.20 0.00	32.14 0.19 0.00	35.68 0.18 -0.09	40.75 0.20 -1.19	42.01 -0.08 -1.34	42.17 -0.21 -1.36	45.09 -0.31 -1.56	44.64 -0.17 -1.50	49.62 -0.29 -1.97	49.67 -0.50 0.00	59.95 -0.24 0.00	62.16 0.55 0.00	67.72 1.40 -2.74	66.00 1.85 -2.63	57.18 2.07 -1.98	51.90 1.69 -1.91	47.28 1.80 -1.67
FOX_HILLS___ESR 323835	36.67 3.21 -0.01	31.10 2.67 -0.01	28.32 2.22 0.00	29.51 2.39 0.00	28.38 2.41 -0.01	29.35 2.32 0.00	28.14 2.28 0.00	31.34 2.61 0.00	34.83 2.88 0.00	38.60 3.19 0.00	42.68 3.31 0.00	44.18 3.42 0.00	44.58 3.57 0.00	47.46 3.64 0.01	47.39 4.07 0.00	52.87 4.94 0.01	55.64 5.47 0.00	66.63 6.44 0.00	68.07 6.47 0.00	70.00 6.42 0.00	67.62 6.09 0.00	57.54 4.41 0.00	52.41 4.11 0.00	47.76 3.94 0.00
FPL_FAR_ROCK_GT1 24212	37.29 3.85 0.00	31.71 3.29 0.00	28.77 2.66 0.00	29.89 2.77 0.00	28.76 2.80 0.00	29.83 2.81 0.00	28.86 3.00 0.00	32.09 3.36 0.00	35.99 4.03 -0.01	39.85 4.43 -0.01	43.74 4.37 0.00	45.12 4.36 0.00	45.72 4.71 0.00	48.96 5.13 0.00	48.87 5.55 -0.01	54.28 6.33 -0.01	57.20 7.02 -0.01	68.62 8.43 -0.01	69.99 8.38 -0.01	72.05 8.46 -0.01	69.66 8.12 -0.01	59.40 6.27 -0.01	53.57 5.27 0.00	48.33 4.51 0.00
FPL_FAR_ROCK_GT2 23815	37.29 3.85 0.00	31.71 3.29 0.00	28.77 2.66 0.00	29.89 2.77 0.00	28.76 2.80 0.00	29.83 2.81 0.00	28.86 3.00 0.00	32.09 3.36 0.00	35.99 4.03 -0.01	39.85 4.43 -0.01	43.74 4.37 0.00	45.12 4.36 0.00	45.72 4.71 0.00	48.96 5.13 0.00	48.87 5.55 -0.01	54.28 6.33 -0.01	57.20 7.02 -0.01	68.62 8.43 -0.01	69.99 8.38 -0.01	72.05 8.46 -0.01	69.66 8.12 -0.01	59.40 6.27 -0.01	53.57 5.27 0.00	48.33 4.51 0.00
FRANKLIN_FALL_HYD 24054	32.31 -1.14 0.00	27.31 -1.11 0.00	25.11 -0.99 0.00	26.06 -1.06 0.00	24.97 -0.99 0.00	25.86 -1.16 0.00	24.88 -0.98 0.00	27.75 -0.98 0.00	31.02 -0.93 0.00	34.63 -0.78 0.00	38.66 -0.71 0.00	40.06 -0.69 0.00	40.43 -0.57 0.00	43.22 -0.61 0.00	42.67 -0.65 0.00	47.08 -0.86 0.00	49.07 -1.10 0.00	58.68 -1.50 0.00	60.06 -1.54 0.00	62.12 -1.46 0.00	60.73 -0.80 0.00	53.24 0.11 0.00	48.30 0.00 0.00	43.77 -0.04 0.00



FREEPORT_EQUS_GT1 23764	37.06 3.61 0.00	31.51 3.10 0.00	28.59 2.48 0.00	29.70 2.58 0.00	28.58 2.62 0.00	29.64 2.62 0.00	28.71 2.84 0.00	31.89 3.16 0.00	35.76 3.80 -0.01	39.60 4.18 -0.01	43.34 3.97 0.00	44.67 3.91 0.00	45.31 4.30 0.00	48.48 4.64 0.00	48.39 5.07 -0.01	53.84 5.89 -0.01	56.75 6.57 -0.01	67.72 7.52 -0.01	69.06 7.45 -0.01	71.02 7.44 -0.01	68.61 7.07 -0.01	58.77 5.63 -0.01	52.94 4.64 0.00	47.80 3.99 0.00
FREEPORT___CT2 23818	37.06 3.61 0.00	31.51 3.10 0.00	28.59 2.48 0.00	29.70 2.58 0.00	28.58 2.62 0.00	29.64 2.62 0.00	28.71 2.84 0.00	31.89 3.16 0.00	35.76 3.80 -0.01	39.60 4.18 -0.01	43.34 3.97 0.00	44.67 3.91 0.00	45.31 4.30 0.00	48.48 4.64 0.00	48.39 5.07 -0.01	53.84 5.89 -0.01	56.75 6.57 -0.01	67.72 7.52 -0.01	69.06 7.45 -0.01	71.02 7.44 -0.01	68.61 7.07 -0.01	58.77 5.63 -0.01	52.94 4.64 0.00	47.80 3.99 0.00
FRESHKLS_33_KV_LOAD 356253	36.74 3.28 -0.01	31.15 2.73 -0.01	28.35 2.25 0.00	29.54 2.41 0.00	28.40 2.44 -0.01	29.37 2.35 0.00	28.16 2.30 0.00	31.34 2.61 0.00	34.83 2.88 0.00	38.60 3.19 0.00	42.68 3.31 0.00	44.22 3.46 0.00	44.62 3.61 0.00	47.42 3.59 0.01	47.39 4.07 0.00	52.82 4.89 0.01	55.59 5.42 0.00	66.57 6.38 0.00	68.07 6.47 0.00	69.94 6.36 0.00	67.56 6.03 0.00	57.49 4.36 0.00	52.36 4.06 0.00	47.80 3.99 0.00
FULTON COGEN____ 23766	33.11 -0.33 0.00	28.22 -0.20 0.00	25.90 -0.21 0.00	26.88 -0.24 0.00	25.67 -0.29 0.00	26.75 -0.27 0.00	25.60 -0.26 0.00	28.47 -0.26 0.00	31.66 -0.29 0.00	35.18 -0.46 -0.23	41.98 -0.43 -3.04	43.78 -0.41 -3.43	44.06 -0.45 -3.50	47.36 -0.48 -4.01	46.69 -0.48 -3.85	52.32 -0.67 -5.05	49.37 -0.80 0.00	59.23 -0.96 0.00	60.74 -0.86 0.00	69.91 -0.70 -7.03	67.47 -0.80 -6.75	57.47 -0.74 -5.08	52.58 -0.63 -4.90	47.66 -0.44 -4.28
FULTON___LFGE 323630	36.22 2.77 0.00	30.80 2.39 0.00	28.14 2.04 0.00	29.32 2.20 0.00	28.06 2.10 0.00	29.29 2.27 0.00	27.91 2.04 0.00	30.71 1.98 0.00	34.06 2.11 0.00	37.65 2.23 0.00	41.61 2.24 0.00	42.87 2.12 0.00	43.02 2.01 0.00	46.07 2.23 0.00	45.65 2.34 0.00	50.72 2.78 0.00	53.23 3.06 0.00	64.16 3.97 0.00	66.16 4.56 0.00	68.80 5.21 0.00	66.76 5.23 0.00	57.59 4.46 0.00	52.36 4.06 0.00	47.45 3.63 0.00
G.F.CEMENT___DRP 24184	36.13 2.68 0.00	30.69 2.27 0.00	28.01 1.91 0.00	29.21 2.09 0.00	27.93 1.97 0.00	29.18 2.16 0.00	27.85 1.99 0.00	30.77 2.04 0.00	34.22 2.27 0.00	37.75 2.34 0.00	40.63 1.26 0.00	41.98 1.22 0.00	42.03 1.03 0.00	44.80 0.96 0.00	44.49 1.17 0.00	49.62 1.68 0.00	52.08 1.91 0.00	62.72 2.53 0.00	64.87 3.26 0.00	67.01 3.43 0.00	65.04 3.51 0.00	56.10 2.98 0.00	50.96 2.66 0.00	46.14 2.32 0.00
GARDENVILLE___LBMP 24039	33.15 -0.30 0.00	28.67 0.26 0.00	26.37 0.26 0.00	26.96 -0.16 0.00	25.36 -0.60 0.00	26.56 -0.46 0.00	25.94 0.08 0.00	28.58 -0.14 0.00	31.92 -0.03 0.00	35.59 0.18 0.00	39.84 0.47 0.00	41.45 0.69 0.00	41.66 0.66 0.00	44.67 0.83 0.00	43.40 0.09 0.00	47.32 -0.62 0.00	49.17 -1.00 0.00	58.62 -1.56 0.00	60.25 -1.36 0.00	63.64 0.06 0.00	61.16 -0.37 0.00	52.44 -0.69 0.00	48.59 0.29 0.00	44.52 0.70 0.00
GARDNVLA_35_KV_LD 355827	33.38 -0.07 0.00	28.87 0.45 0.00	26.52 0.42 0.00	27.10 -0.03 0.00	25.49 -0.47 0.00	26.70 -0.32 0.00	26.07 0.21 0.00	28.75 0.03 0.00	32.08 0.13 0.00	35.80 0.39 0.00	40.08 0.71 0.00	41.65 0.90 0.00	41.91 0.90 0.00	44.93 1.10 0.00	43.75 0.43 0.00	47.70 -0.24 0.00	49.57 -0.60 0.00	59.05 -1.14 0.00	60.62 -0.99 0.00	63.96 0.38 0.00	61.41 -0.12 0.00	52.60 -0.53 0.00	48.74 0.43 0.00	44.65 0.83 0.00
GELCKHM___115KV_LOAD 80723	33.48 0.03 0.00	28.53 0.11 0.00	26.21 0.10 0.00	27.15 0.03 0.00	25.93 -0.03 0.00	27.02 0.00 0.00	25.89 0.03 0.00	28.81 0.09 0.00	32.02 0.06 0.00	35.44 -0.04 -0.06	40.31 0.08 -0.86	41.85 0.12 -0.97	42.08 0.08 -0.99	45.10 0.13 -1.13	44.49 0.09 -1.09	49.32 -0.05 -1.42	50.07 -0.10 0.00	60.07 -0.12 0.00	61.54 -0.06 0.00	65.75 0.19 -1.98	63.43 0.00 -1.90	54.51 -0.05 -1.43	49.69 0.00 -1.38	45.11 0.09 -1.21
GENERAL___MILLS 23808	33.32 -0.13 0.00	28.81 0.40 0.00	26.50 0.39 0.00	27.07 -0.05 0.00	25.46 -0.49 0.00	26.67 -0.35 0.00	26.04 0.18 0.00	28.70 -0.03 0.00	32.05 0.10 0.00	35.73 0.32 0.00	40.00 0.63 0.00	41.57 0.82 0.00	41.83 0.82 0.00	44.84 1.01 0.00	43.66 0.35 0.00	47.60 -0.34 0.00	49.47 -0.70 0.00	58.93 -1.26 0.00	60.49 -1.11 0.00	63.84 0.25 0.00	61.28 -0.25 0.00	52.54 -0.58 0.00	48.69 0.39 0.00	44.56 0.74 0.00
GE_PLASTICS___DRP 24183	34.42 0.97 0.00	29.30 0.88 0.00	26.89 0.78 0.00	28.02 0.90 0.00	26.84 0.88 0.00	27.94 0.92 0.00	26.66 0.80 0.00	29.56 0.83 0.00	32.81 0.86 0.00	36.30 0.89 0.00	40.08 0.71 0.00	41.45 0.69 0.00	41.71 0.70 0.00	44.58 0.75 0.00	44.27 0.95 0.00	49.14 1.20 0.00	51.53 1.35 0.00	61.87 1.69 0.00	63.27 1.66 0.00	65.30 1.72 0.00	63.19 1.66 0.00	54.46 1.33 0.00	49.46 1.16 0.00	44.78 0.96 0.00
GILBOA___1 23756	34.79 1.34 0.00	29.58 1.17 0.00	27.33 1.23 0.00	28.53 1.41 0.00	27.33 1.37 0.00	28.45 1.43 0.00	27.05 1.19 0.00	29.93 1.21 0.00	33.26 1.31 0.00	36.76 1.35 0.00	40.67 1.30 0.00	42.10 1.34 0.00	42.36 1.35 0.00	45.28 1.44 0.00	44.92 1.60 0.00	49.81 1.87 0.00	52.28 2.11 0.00	62.53 2.35 0.00	63.94 2.34 0.00	65.93 2.35 0.00	63.81 2.28 0.00	54.94 1.81 0.00	49.95 1.64 0.00	45.26 1.44 0.00
GILBOA___2 23757	34.79 1.34 0.00	29.58 1.17 0.00	27.33 1.23 0.00	28.53 1.41 0.00	27.33 1.37 0.00	28.45 1.43 0.00	27.05 1.19 0.00	29.93 1.21 0.00	33.26 1.31 0.00	36.76 1.35 0.00	40.67 1.30 0.00	42.10 1.34 0.00	42.36 1.35 0.00	45.28 1.44 0.00	44.92 1.60 0.00	49.81 1.87 0.00	52.28 2.11 0.00	62.53 2.35 0.00	63.94 2.34 0.00	65.93 2.35 0.00	63.81 2.28 0.00	54.94 1.81 0.00	49.95 1.64 0.00	45.26 1.44 0.00
GILBOA___3 23758	34.79 1.34 0.00	29.58 1.17 0.00	27.33 1.23 0.00	28.53 1.41 0.00	27.33 1.37 0.00	28.45 1.43 0.00	27.05 1.19 0.00	29.93 1.21 0.00	33.26 1.31 0.00	36.76 1.35 0.00	40.67 1.30 0.00	42.10 1.34 0.00	42.36 1.35 0.00	45.28 1.44 0.00	44.92 1.60 0.00	49.81 1.87 0.00	52.28 2.11 0.00	62.53 2.35 0.00	63.94 2.34 0.00	65.93 2.35 0.00	63.81 2.28 0.00	54.94 1.81 0.00	49.95 1.64 0.00	45.26 1.44 0.00
GILBOA___4 23759	34.79 1.34 0.00	29.58 1.17 0.00	27.33 1.23 0.00	28.53 1.41 0.00	27.33 1.37 0.00	28.45 1.43 0.00	27.05 1.19 0.00	29.93 1.21 0.00	33.26 1.31 0.00	36.76 1.35 0.00	40.67 1.30 0.00	42.10 1.34 0.00	42.36 1.35 0.00	45.28 1.44 0.00	44.92 1.60 0.00	49.81 1.87 0.00	52.28 2.11 0.00	62.53 2.35 0.00	63.94 2.34 0.00	65.93 2.35 0.00	63.81 2.28 0.00	54.94 1.81 0.00	49.95 1.64 0.00	45.26 1.44 0.00

GILBOA____ 23599	34.79 1.34 0.00	29.58 1.17 0.00	27.33 1.23 0.00	28.53 1.41 0.00	27.33 1.38 0.00	28.45 1.43 0.00	27.03 1.16 0.00	29.93 1.21 0.00	33.26 1.31 0.00	36.76 1.35 0.00	40.67 1.30 0.00	42.10 1.34 0.00	42.36 1.35 0.00	45.28 1.45 0.00	44.92 1.60 0.00	49.86 1.92 0.00	52.23 2.06 0.00	62.66 2.47 0.00	63.94 2.34 0.00	66.00 2.42 0.00	63.81 2.28 0.00	55.09 1.97 0.00	50.04 1.74 0.00	45.31 1.49 0.00
GINNA____ 23603	32.28 -1.17 0.00	27.65 -0.77 0.00	25.35 -0.76 0.00	26.12 -1.00 0.00	24.79 -1.17 0.00	25.78 -1.24 0.00	24.91 -0.96 0.00	27.63 -1.09 0.00	30.90 -1.05 0.00	34.46 -0.95 0.00	38.70 -0.67 0.00	40.15 -0.61 0.00	40.35 -0.66 0.00	43.09 -0.75 0.00	42.28 -1.04 0.00	46.45 -1.49 0.00	48.21 -1.96 0.00	58.02 -2.16 0.00	59.20 -2.40 0.00	61.35 -2.23 0.00	59.44 -2.09 0.00	51.70 -1.43 0.00	47.14 -1.16 0.00	42.81 -1.01 0.00
GLEN PARK____ 23778	34.12 0.67 0.00	29.04 0.62 0.00	26.60 0.49 0.00	27.53 0.41 0.00	26.53 0.57 0.00	27.59 0.57 0.00	26.20 0.34 0.00	29.07 0.35 0.00	32.30 0.35 0.00	35.86 0.35 -0.09	41.01 0.39 -1.25	42.29 0.12 -1.41	42.41 -0.04 -1.44	45.35 -0.13 -1.65	44.90 0.00 -1.58	49.97 -0.05 -2.08	49.87 -0.30 0.00	60.25 0.06 0.00	62.53 0.93 0.00	68.38 1.91 -2.89	66.64 2.34 -2.77	57.77 2.55 -2.09	52.39 2.08 -2.02	47.68 2.10 -1.76
GLENDALE_27_KV_LOAD 356172	36.80 3.34 -0.01	31.24 2.81 -0.01	28.48 2.38 0.00	29.65 2.52 0.00	28.51 2.54 -0.01	29.56 2.54 0.00	28.40 2.53 0.00	31.63 2.90 0.00	35.18 3.23 0.00	38.95 3.54 0.00	42.99 3.62 0.00	44.51 3.75 0.00	44.86 3.85 0.00	47.91 4.08 0.00	47.82 4.50 0.00	53.26 5.32 0.00	56.04 5.87 0.00	67.17 6.98 0.00	68.63 7.02 0.00	70.57 6.99 0.00	68.17 6.65 0.00	58.07 4.94 0.00	52.89 4.59 0.00	47.94 4.12 0.00
GLENWOOD_IC_1_G5 23712	36.73 3.28 0.00	31.23 2.81 0.00	28.40 2.30 0.00	29.54 2.41 0.00	28.42 2.47 0.00	29.51 2.49 0.00	28.45 2.59 0.00	31.66 2.93 0.00	35.40 3.45 0.00	39.20 3.79 0.00	43.11 3.74 0.00	44.55 3.79 0.00	45.07 4.06 0.00	48.22 4.38 0.00	48.08 4.76 0.00	53.21 5.27 0.00	56.09 5.92 0.00	67.29 7.10 0.00	68.69 7.08 0.00	70.70 7.12 0.00	68.24 6.71 0.00	58.23 5.10 0.00	52.99 4.69 0.00	47.72 3.90 0.00
GLENWOOD_IC_2_G1 23688	36.56 3.11 0.00	31.06 2.64 0.00	28.30 2.19 0.00	29.43 2.30 0.00	28.29 2.34 0.00	29.40 2.38 0.00	28.32 2.46 0.00	31.48 2.76 0.00	35.19 3.23 -0.01	38.93 3.51 -0.01	42.87 3.50 0.00	44.30 3.54 0.00	44.74 3.73 0.00	47.86 4.03 0.00	47.75 4.42 -0.01	53.08 5.13 -0.01	55.85 5.67 -0.01	66.88 6.68 -0.01	68.21 6.59 -0.01	70.20 6.61 -0.01	67.82 6.28 -0.01	57.81 4.68 -0.01	52.36 4.06 0.00	47.36 3.55 0.00
GLENWOOD_IC_3_G1 23689	36.56 3.11 0.00	31.06 2.64 0.00	28.30 2.19 0.00	29.43 2.30 0.00	28.29 2.34 0.00	29.40 2.38 0.00	28.32 2.46 0.00	31.48 2.76 0.00	35.19 3.23 -0.01	38.93 3.51 -0.01	42.87 3.50 0.00	44.30 3.54 0.00	44.74 3.73 0.00	47.86 4.03 0.00	47.75 4.42 -0.01	53.08 5.13 -0.01	55.85 5.67 -0.01	66.88 6.68 -0.01	68.21 6.59 -0.01	70.20 6.61 -0.01	67.82 6.28 -0.01	57.81 4.68 -0.01	52.36 4.06 0.00	47.36 3.55 0.00
GLENWOOD____4 23550	36.73 3.28 0.00	31.23 2.81 0.00	28.40 2.30 0.00	29.54 2.41 0.00	28.42 2.47 0.00	29.51 2.49 0.00	28.45 2.59 0.00	31.66 2.93 0.00	35.40 3.45 0.00	39.20 3.79 0.00	43.11 3.74 0.00	44.55 3.79 0.00	45.07 4.06 0.00	48.22 4.38 0.00	48.08 4.76 0.00	53.31 5.37 0.00	56.24 6.07 0.00	67.41 7.22 0.00	68.87 7.27 0.00	70.83 7.25 0.00	68.36 6.83 0.00	58.39 5.26 0.00	52.99 4.69 0.00	47.72 3.90 0.00
GLENWOOD____5 23614	36.73 3.28 0.00	31.23 2.81 0.00	28.40 2.30 0.00	29.54 2.41 0.00	28.42 2.47 0.00	29.51 2.49 0.00	28.45 2.59 0.00	31.66 2.93 0.00	35.40 3.45 0.00	39.20 3.79 0.00	43.11 3.74 0.00	44.55 3.79 0.00	45.07 4.06 0.00	48.22 4.38 0.00	48.08 4.76 0.00	53.31 5.37 0.00	56.24 6.07 0.00	67.41 7.22 0.00	68.87 7.27 0.00	70.83 7.25 0.00	68.36 6.83 0.00	58.39 5.26 0.00	52.99 4.69 0.00	47.72 3.90 0.00
GLOBAL GREEN_PORT_GT1 23814	37.10 3.65 0.00	31.80 3.38 0.00	28.71 2.61 0.00	29.67 2.55 0.00	28.65 2.70 0.00	29.67 2.65 0.00	29.17 3.31 0.00	32.23 3.50 0.00	36.43 4.47 -0.01	40.42 4.99 -0.01	43.97 4.60 0.00	45.40 4.64 0.00	46.34 5.33 0.00	49.75 5.92 0.00	49.82 6.50 -0.01	55.71 7.77 -0.01	59.07 8.88 -0.02	70.73 10.53 -0.01	72.02 10.41 -0.01	73.57 9.98 -0.01	70.71 9.17 -0.01	60.20 7.07 -0.01	53.76 5.46 0.00	48.64 4.82 0.00
GLOBE____DSASP 323697	33.01 -0.43 0.00	28.59 0.17 0.00	26.26 0.16 0.00	26.80 -0.33 0.00	25.18 -0.78 0.00	26.32 -0.70 0.00	25.73 -0.13 0.00	28.35 -0.37 0.00	31.60 -0.35 0.00	35.27 -0.14 0.00	39.45 0.08 0.00	40.96 0.20 0.00	41.21 0.21 0.00	44.14 0.31 0.00	43.01 -0.30 0.00	46.79 -1.15 0.00	48.52 -1.66 0.00	57.72 -2.47 0.00	59.26 -2.34 0.00	62.25 -1.34 0.00	59.74 -1.78 0.00	51.11 -2.02 0.00	47.48 -0.82 0.00	43.60 -0.22 0.00
GOETHSLN____LBMP 323567	36.39 2.94 0.00	30.89 2.47 0.00	28.17 2.06 0.00	29.32 2.20 0.00	28.19 2.23 0.00	29.29 2.27 0.00	28.22 2.35 0.00	31.37 2.64 0.00	34.99 3.04 0.00	38.71 3.29 0.00	42.68 3.31 0.00	44.18 3.42 0.00	44.53 3.53 0.00	47.60 3.77 0.00	47.48 4.16 0.00	52.78 4.84 0.00	55.59 5.42 0.00	66.63 6.44 0.00	68.07 6.47 0.00	70.00 6.42 0.00	67.62 6.09 0.00	57.70 4.57 0.00	52.41 4.11 0.00	47.41 3.59 0.00
GOLAH____69_KV_TB 1_2 80279	33.85 0.40 0.00	29.07 0.65 0.00	26.65 0.55 0.00	27.37 0.24 0.00	25.90 -0.05 0.00	26.99 -0.03 0.00	26.17 0.31 0.00	28.93 0.20 0.00	32.24 0.29 0.00	35.87 0.46 0.00	40.16 0.79 0.00	41.65 0.90 0.00	41.87 0.86 0.00	44.75 0.92 0.00	43.88 0.56 0.00	48.04 0.10 0.00	49.87 -0.30 0.00	59.71 -0.48 0.00	61.29 -0.31 0.00	64.03 0.45 0.00	61.77 0.25 0.00	53.24 0.11 0.00	48.93 0.63 0.00	44.65 0.83 0.00
GOODYEAR_LAKE_HYD 323669	35.29 1.84 0.00	30.06 1.65 0.00	27.62 1.51 0.00	28.70 1.57 0.00	27.54 1.58 0.00	28.70 1.68 0.00	27.36 1.50 0.00	30.36 1.64 0.00	33.84 1.89 0.00	37.47 2.05 0.00	41.57 2.20 0.00	43.00 2.24 0.00	43.22 2.21 0.00	46.20 2.37 0.00	45.79 2.47 0.00	50.67 2.73 0.00	53.08 2.91 0.00	63.80 3.61 0.00	65.42 3.82 0.00	67.78 4.20 0.00	65.47 3.94 0.00	56.53 3.40 0.00	51.30 2.99 0.00	46.49 2.67 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.12 0.67 0.00	29.13 0.71 0.00	26.78 0.68 0.00	27.72 0.60 0.00	26.45 0.49 0.00	27.59 0.57 0.00	26.48 0.62 0.00	29.42 0.69 0.00	32.72 0.77 0.00	36.23 0.81 0.00	40.31 0.94 0.00	41.82 1.06 0.00	42.03 1.03 0.00	44.97 1.14 0.00	44.36 1.04 0.00	48.90 0.96 0.00	51.23 1.05 0.00	61.39 1.20 0.00	62.90 1.29 0.00	65.42 1.84 0.00	63.13 1.60 0.00	54.35 1.22 0.00	49.56 1.26 0.00	45.04 1.23 0.00

GOUDEY___7 23579	34.12 0.67 0.00	29.13 0.71 0.00	26.78 0.68 0.00	27.72 0.60 0.00	26.45 0.49 0.00	27.59 0.57 0.00	26.48 0.62 0.00	29.42 0.69 0.00	32.72 0.77 0.00	36.23 0.81 0.00	40.31 0.94 0.00	41.82 1.06 0.00	42.03 1.03 0.00	44.97 1.14 0.00	44.36 1.04 0.00	48.90 0.96 0.00	51.23 1.05 0.00	61.39 1.20 0.00	62.90 1.29 0.00	65.42 1.84 0.00	63.13 1.60 0.00	54.35 1.22 0.00	49.56 1.26 0.00	45.04 1.23 0.00
GOUDEY___8 23580	34.12 0.67 0.00	29.13 0.71 0.00	26.78 0.68 0.00	27.72 0.60 0.00	26.45 0.49 0.00	27.59 0.57 0.00	26.48 0.62 0.00	29.42 0.69 0.00	32.72 0.77 0.00	36.23 0.81 0.00	40.31 0.94 0.00	41.82 1.06 0.00	42.03 1.03 0.00	44.97 1.14 0.00	44.36 1.04 0.00	48.90 0.96 0.00	51.23 1.05 0.00	61.39 1.20 0.00	62.90 1.29 0.00	65.42 1.84 0.00	63.13 1.60 0.00	54.35 1.22 0.00	49.56 1.26 0.00	45.04 1.23 0.00
GOWANUS_GT1_1 24077	36.74 3.28 -0.01	31.15 2.73 -0.01	28.38 2.27 0.00	29.56 2.44 0.00	28.43 2.47 -0.01	29.43 2.40 0.00	28.24 2.38 0.00	31.45 2.73 0.00	34.99 3.04 0.00	38.78 3.36 0.00	42.83 3.46 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.73 3.90 0.00	47.65 4.33 0.00	53.12 5.18 0.00	55.89 5.72 0.00	66.93 6.74 0.00	68.38 6.78 0.00	70.32 6.74 0.00	67.93 6.40 0.00	57.86 4.73 0.00	52.65 4.35 0.00	47.89 4.07 0.00
GOWANUS_GT1_2 24078	36.74 3.28 -0.01	31.15 2.73 -0.01	28.38 2.27 0.00	29.56 2.44 0.00	28.43 2.47 -0.01	29.43 2.40 0.00	28.24 2.38 0.00	31.45 2.73 0.00	34.99 3.04 0.00	38.78 3.36 0.00	42.83 3.46 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.73 3.90 0.00	47.65 4.33 0.00	53.12 5.18 0.00	55.89 5.72 0.00	66.93 6.74 0.00	68.38 6.78 0.00	70.32 6.74 0.00	67.93 6.40 0.00	57.86 4.73 0.00	52.65 4.35 0.00	47.89 4.07 0.00
GOWANUS_GT1_3 24079	36.74 3.28 -0.01	31.15 2.73 -0.01	28.38 2.27 0.00	29.56 2.44 0.00	28.43 2.47 -0.01	29.43 2.40 0.00	28.24 2.38 0.00	31.45 2.73 0.00	34.99 3.04 0.00	38.78 3.36 0.00	42.83 3.46 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.73 3.90 0.00	47.65 4.33 0.00	53.12 5.18 0.00	55.89 5.72 0.00	66.93 6.74 0.00	68.38 6.78 0.00	70.32 6.74 0.00	67.93 6.40 0.00	57.86 4.73 0.00	52.65 4.35 0.00	47.89 4.07 0.00
GOWANUS_GT1_4 24080	36.74 3.28 -0.01	31.15 2.73 -0.01	28.38 2.27 0.00	29.56 2.44 0.00	28.43 2.47 -0.01	29.43 2.40 0.00	28.24 2.38 0.00	31.45 2.73 0.00	34.99 3.04 0.00	38.78 3.36 0.00	42.83 3.46 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.73 3.90 0.00	47.65 4.33 0.00	53.12 5.18 0.00	55.89 5.72 0.00	66.93 6.74 0.00	68.38 6.78 0.00	70.32 6.74 0.00	67.93 6.40 0.00	57.86 4.73 0.00	52.65 4.35 0.00	47.89 4.07 0.00
GOWANUS_GT1_5 24084	36.74 3.28 -0.01	31.15 2.73 -0.01	28.38 2.27 0.00	29.56 2.44 0.00	28.43 2.47 -0.01	29.43 2.40 0.00	28.24 2.38 0.00	31.45 2.73 0.00	34.99 3.04 0.00	38.78 3.36 0.00	42.83 3.46 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.73 3.90 0.00	47.65 4.33 0.00	53.12 5.18 0.00	55.89 5.72 0.00	66.93 6.74 0.00	68.38 6.78 0.00	70.32 6.74 0.00	67.93 6.40 0.00	57.86 4.73 0.00	52.65 4.35 0.00	47.89 4.07 0.00
GOWANUS_GT1_6 24111	36.74 3.28 -0.01	31.15 2.73 -0.01	28.38 2.27 0.00	29.56 2.44 0.00	28.43 2.47 -0.01	29.43 2.40 0.00	28.24 2.38 0.00	31.45 2.73 0.00	34.99 3.04 0.00	38														



GOWANUS_GT4_5 24134	36.74 3.28 -0.01	31.15 2.73 -0.01	28.38 2.27 0.00	29.56 2.44 0.00	28.43 2.47 -0.01	29.43 2.40 0.00	28.24 2.38 0.00	31.45 2.73 0.00	34.99 3.04 0.00	38.74 3.33 0.00	42.83 3.46 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.69 3.86 0.00	47.65 4.33 0.00	53.12 5.18 0.00	55.89 5.72 0.00	66.93 6.74 0.00	68.38 6.78 0.00	70.32 6.74 0.00	67.93 6.40 0.00	57.80 4.68 0.00	52.65 4.35 0.00	47.85 4.03 0.00
GOWANUS_GT4_6 24135	36.74 3.28 -0.01	31.15 2.73 -0.01	28.38 2.27 0.00	29.56 2.44 0.00	28.43 2.47 -0.01	29.43 2.40 0.00	28.24 2.38 0.00	31.45 2.73 0.00	34.99 3.04 0.00	38.74 3.33 0.00	42.83 3.46 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.69 3.86 0.00	47.65 4.33 0.00	53.12 5.18 0.00	55.89 5.72 0.00	66.93 6.74 0.00	68.38 6.78 0.00	70.32 6.74 0.00	67.93 6.40 0.00	57.80 4.68 0.00	52.65 4.35 0.00	47.85 4.03 0.00
GOWANUS_GT4_7 24136	36.74 3.28 -0.01	31.15 2.73 -0.01	28.38 2.27 0.00	29.56 2.44 0.00	28.43 2.47 -0.01	29.43 2.40 0.00	28.24 2.38 0.00	31.45 2.73 0.00	34.99 3.04 0.00	38.74 3.33 0.00	42.83 3.46 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.69 3.86 0.00	47.65 4.33 0.00	53.12 5.18 0.00	55.89 5.72 0.00	66.93 6.74 0.00	68.38 6.78 0.00	70.32 6.74 0.00	67.93 6.40 0.00	57.80 4.68 0.00	52.65 4.35 0.00	47.85 4.03 0.00
GOWANUS_GT4_8 24137	36.74 3.28 -0.01	31.15 2.73 -0.01	28.38 2.27 0.00	29.56 2.44 0.00	28.43 2.47 -0.01	29.43 2.40 0.00	28.24 2.38 0.00	31.45 2.73 0.00	34.99 3.04 0.00	38.74 3.33 0.00	42.83 3.46 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.69 3.86 0.00	47.65 4.33 0.00	53.12 5.18 0.00	55.89 5.72 0.00	66.93 6.74 0.00	68.38 6.78 0.00	70.32 6.74 0.00	67.93 6.40 0.00	57.80 4.68 0.00	52.65 4.35 0.00	47.85 4.03 0.00
GREATVRV_69_KV_BK1 356245	37.46 4.01 0.00	31.97 3.55 0.00	28.92 2.82 0.00	29.97 2.85 0.00	28.89 2.93 0.00	29.91 2.89 0.00	29.15 3.28 0.00	32.32 3.59 0.00	36.33 4.38 0.00	40.30 4.89 0.00	43.82 4.45 0.00	45.16 4.40 0.00	45.93 4.92 0.00	49.18 5.35 0.00	49.21 5.89 0.00	55.08 7.14 0.00	58.21 8.03 -0.01	69.64 9.45 0.00	71.09 9.49 0.00	72.93 9.35 0.00	70.39 8.86 0.00	60.19 7.07 0.00	54.20 5.89 0.00	48.55 4.73 0.00
GREENBSH_115KV_TB3 55895	34.32 0.87 0.00	29.21 0.80 0.00	26.78 0.68 0.00	27.91 0.79 0.00	26.73 0.78 0.00	27.86 0.84 0.00	26.56 0.70 0.00	29.44 0.72 0.00	32.69 0.73 0.00	36.16 0.74 0.00	39.88 0.51 0.00	41.20 0.45 0.00	41.46 0.45 0.00	44.32 0.48 0.00	44.01 0.69 0.00	48.90 0.96 0.00	51.28 1.10 0.00	61.57 1.38 0.00	63.02 1.42 0.00	64.98 1.40 0.00	62.88 1.35 0.00	54.19 1.06 0.00	49.22 0.92 0.00	44.56 0.74 0.00
GREENDGE_115KV_TB5 80291	33.88 0.43 0.00	29.01 0.60 0.00	26.65 0.55 0.00	27.50 0.38 0.00	26.11 0.16 0.00	27.29 0.27 0.00	26.33 0.47 0.00	29.27 0.55 0.00	32.59 0.64 0.00	36.09 0.67 0.00	40.35 0.98 0.00	41.90 1.14 0.00	42.12 1.11 0.00	45.06 1.23 0.00	44.23 0.91 0.00	48.18 0.24 0.00	50.32 0.15 0.00	60.49 0.30 0.00	62.28 0.68 0.00	65.17 1.59 0.00	62.82 1.29 0.00	54.09 0.96 0.00	49.41 1.11 0.00	45.44 1.62 0.00
GREENIDGE___3 23582	33.88 0.43 0.00	29.01 0.60 0.00	26.65 0.55 0.00	27.50 0.38 0.00	26.11 0.16 0.00	27.29 0.27 0.00	26.33 0.47 0.00	29.27 0.55 0.00	32.59 0.64 0.00	36.09 0.67 0.00	40.35 0.98 0.00	41.90 1.14 0.00	42.12 1.11 0.00	45.06 1.23 0.00	44.23 0.91 0.00	48.18 0.24 0.00	50.32 0.15 0.00	60.49 0.30 0.00	62.28 0.68 0.00	65.17 1.59 0.00	62.82 1.29 0.00	54.09 0.96 0.00	49.41 1.11 0.00	45.44 1.62 0.00
GREENIDGE___4 23583	33.88 0.43 0.00	29.01 0.60 0.00	26.65 0.55 0.00	27.50 0.38 0.00	26.14 0.18 0.00	27.29 0.27 0.00	26.33 0.47 0.00	29.27 0.54 0.00	32.59 0.64 0.00	36.08 0.67 0.00	40.35 0.98 0.00	41.90 1.14 0.00	42.12 1.11 0.00	45.06 1.23 0.00	44.23 0.91 0.00	48.23 0.29 0.00	50.47 0.30 0.00	60.97 0.78 0.00	62.53 0.93 0.00	65.30 1.72 0.00	63.13 1.60 0.00	54.61 1.49 0.00	49.75 1.45 0.00	45.61 1.80 0.00
GREENLWN_69_KV_BK 3 55738	36.76 3.31 0.00	31.29 2.87 0.00	28.35 2.25 0.00	29.46 2.33 0.00	28.37 2.41 0.00	29.40 2.38 0.00	28.50 2.64 0.00	31.66 2.93 0.00	35.56 3.61 0.00	39.38 3.97 0.00	42.71 3.35 0.00	43.94 3.18 0.00	44.62 3.61 0.00	47.73 3.90 0.00	47.65 4.33 0.00	53.21 5.27 0.00	56.14 5.97 0.00	67.29 7.10 0.00	68.69 7.08 0.00	70.64 7.06 0.00	68.11 6.58 0.00	58.18 5.05 0.00	52.46 4.15 0.00	47.06 3.24 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	36.74 3.28 -0.01	31.15 2.73 -0.01	28.38 2.27 0.00	29.56 2.44 0.00	28.43 2.47 -0.01	29.43 2.40 0.00	28.24 2.38 0.00	31.45 2.73 0.00	34.99 3.04 0.00	38.78 3.36 0.00	42.83 3.46 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.73 3.90 0.00	47.65 4.33 0.00	53.12 5.18 0.00	55.89 5.72 0.00	66.93 6.74 0.00	68.38 6.78 0.00	70.32 6.74 0.00	67.93 6.40 0.00	57.86 4.73 0.00	52.65 4.35 0.00	47.89 4.07 0.00
GRISSOM___SOLAR 323813	36.06 2.61 0.00	30.66 2.24 0.00	28.04 1.93 0.00	29.18 2.06 0.00	27.93 1.97 0.00	29.16 2.13 0.00	27.80 1.94 0.00	30.62 1.90 0.00	33.97 2.01 0.00	37.54 2.12 0.00	41.45 2.09 0.00	42.75 2.00 0.00	42.90 1.89 0.00	45.94 2.10 0.00	45.57 2.25 0.00	50.62 2.68 0.00	53.08 2.91 0.00	63.92 3.73 0.00	65.91 4.31 0.00	68.41 4.83 0.00	66.39 4.86 0.00	57.28 4.15 0.00	52.07 3.77 0.00	47.19 3.37 0.00
GROVEVILLE___HYD 323602	36.23 2.78 0.00	30.80 2.39 0.00	28.14 2.04 0.00	29.27 2.14 0.00	28.14 2.18 0.00	29.29 2.27 0.00	28.01 2.15 0.00	31.17 2.44 0.00	34.76 2.81 0.00	38.42 3.01 0.00	42.44 3.07 0.00	43.98 3.22 0.00	44.25 3.24 0.00	47.38 3.55 0.00	47.09 3.77 0.00	52.35 4.41 0.00	54.89 4.72 0.00	65.91 5.72 0.00	67.39 5.79 0.00	69.49 5.91 0.00	67.50 5.97 0.00	57.75 4.62 0.00	52.36 4.06 0.00	47.23 3.42 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	33.68 0.23 0.00	28.67 0.26 0.00	26.34 0.23 0.00	27.31 0.19 0.00	26.09 0.13 0.00	27.18 0.16 0.00	26.04 0.18 0.00	28.98 0.26 0.00	32.24 0.29 0.00	35.72 0.21 -0.09	40.98 0.39 -1.22	42.53 0.41 -1.37	42.82 0.41 -1.40	45.87 0.44 -1.60	45.24 0.39 -1.54	50.24 0.29 -2.01	50.42 0.25 0.00	60.49 0.30 0.00	62.03 0.43 0.00	67.09 0.70 -2.81	64.71 0.49 -2.69	55.48 0.32 -2.03	50.65 0.39 -1.96	45.96 0.44 -1.71
HAMLTNNY_34_KV_TB 80303	33.78 0.33 0.00	28.81 0.40 0.00	26.44 0.34 0.00	27.39 0.27 0.00	26.11 0.16 0.00	27.24 0.22 0.00	26.12 0.26 0.00	29.07 0.34 0.00	32.34 0.38 0.00	35.85 0.35 -0.08	41.10 0.59 -1.14	42.69 0.65 -1.28	42.93 0.62 -1.31	46.03 0.70 -1.50	45.36 0.61 -1.44	50.26 0.43 -1.89	50.57 0.40 0.00	60.61 0.42 0.00	62.16 0.55 0.00	67.10 0.89 -2.63	64.73 0.68 -2.52	55.56 0.53 -1.90	50.71 0.58 -1.83	46.07 0.66 -1.60

HAMPSHIRE___PAPER_HYD 323593	32.95 -0.50 0.00	27.96 -0.46 0.00	25.66 -0.44 0.00	26.61 -0.52 0.00	25.59 -0.36 0.00	26.51 -0.51 0.00	25.29 -0.57 0.00	28.12 -0.60 0.00	31.31 -0.64 0.00	34.81 -0.64 -0.03	39.16 -0.67 -0.46	40.55 -0.73 -0.52	40.80 -0.74 -0.53	43.61 -0.83 -0.61	43.08 -0.82 -0.59	47.75 -0.96 -0.77	49.02 -1.15 0.00	58.92 -1.27 0.00	60.74 -0.86 0.00	64.21 -0.44 -1.07	62.68 0.12 -1.02	54.59 0.69 -0.77	49.48 0.43 -0.74	45.00 0.53 -0.65
HARDSCRABBLE_WT_PWR 323673	33.11 -0.33 0.00	28.19 -0.23 0.00	25.92 -0.18 0.00	26.90 -0.22 0.00	25.83 -0.13 0.00	26.91 -0.11 0.00	25.73 -0.13 0.00	28.58 -0.14 0.00	31.86 -0.10 0.00	35.31 -0.11 0.00	39.25 -0.12 0.00	40.59 -0.16 0.00	40.84 -0.16 0.00	43.62 -0.22 0.00	43.14 -0.17 0.00	47.75 -0.19 0.00	49.97 -0.20 0.00	60.01 -0.18 0.00	61.42 -0.18 0.00	63.45 -0.13 0.00	61.34 -0.18 0.00	53.13 0.00 0.00	48.26 -0.05 0.00	43.77 -0.04 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.16 2.71 0.00	30.75 2.33 0.00	28.06 1.96 0.00	29.18 2.06 0.00	28.06 2.10 0.00	29.21 2.19 0.00	27.96 2.09 0.00	31.11 2.38 0.00	34.70 2.75 0.00	38.39 2.97 0.00	42.40 3.03 0.00	43.94 3.18 0.00	44.21 3.20 0.00	47.38 3.55 0.00	47.09 3.77 0.00	52.30 4.36 0.00	54.84 4.67 0.00	65.85 5.66 0.00	67.27 5.67 0.00	69.37 5.79 0.00	67.31 5.78 0.00	57.59 4.46 0.00	52.26 3.96 0.00	47.15 3.33 0.00
HARSNRAD_115KV_TB1 81005	33.25 -0.20 0.00	28.79 0.37 0.00	26.44 0.34 0.00	26.99 -0.14 0.00	25.36 -0.60 0.00	26.53 -0.49 0.00	25.91 0.05 0.00	28.55 -0.17 0.00	31.86 -0.10 0.00	35.55 0.14 0.00	39.80 0.43 0.00	41.37 0.61 0.00	41.62 0.62 0.00	44.58 0.75 0.00	43.40 0.09 0.00	47.22 -0.72 0.00	49.02 -1.15 0.00	58.32 -1.87 0.00	59.88 -1.72 0.00	63.01 -0.57 0.00	60.54 -0.98 0.00	51.91 -1.22 0.00	48.16 -0.14 0.00	44.12 0.31 0.00
HARZA MOOSE___RIVER 24016	33.82 0.37 0.00	28.76 0.34 0.00	26.39 0.29 0.00	27.37 0.24 0.00	26.29 0.34 0.00	27.35 0.32 0.00	26.07 0.21 0.00	28.98 0.26 0.00	32.24 0.29 0.00	35.72 0.28 -0.02	40.00 0.31 -0.32	41.32 0.20 -0.36	41.54 0.16 -0.37	44.34 0.09 -0.42	43.89 0.17 -0.40	48.61 0.14 -0.53	50.27 0.10 0.00	60.49 0.30 0.00	62.28 0.68 0.00	65.46 1.14 -0.74	63.84 1.60 -0.71	55.31 1.65 -0.53	50.22 1.40 -0.51	45.62 1.36 -0.45
HDSNBRDG_115KV_BRDG_TB1 355580	33.52 0.07 0.00	28.56 0.14 0.00	26.24 0.13 0.00	27.18 0.05 0.00	25.96 0.00 0.00	27.05 0.03 0.00	25.91 0.05 0.00	28.84 0.11 0.00	32.05 0.10 0.00	35.41 0.00 0.00	39.49 0.12 0.00	40.92 0.16 0.00	41.13 0.12 0.00	44.01 0.18 0.00	43.45 0.13 0.00	47.94 0.00 0.00	50.12 -0.05 0.00	60.13 -0.06 0.00	61.60 0.00 0.00	63.84 0.25 0.00	61.65 0.12 0.00	53.13 0.00 0.00	48.35 0.05 0.00	43.95 0.13 0.00
HELLGATE_13_KV_LD 55870	36.84 3.38 -0.01	31.29 2.87 -0.01	28.51 2.40 0.00	29.70 2.58 0.00	28.56 2.60 -0.01	29.56 2.54 0.00	28.42 2.56 0.00	31.63 2.90 0.00	35.18 3.23 0.00	38.92 3.51 0.00	42.95 3.58 0.00	44.47 3.71 0.00	44.82 3.81 0.00	47.87 4.03 0.00	47.78 4.46 0.00	53.21 5.27 0.00	55.99 5.82 0.00	67.11 6.92 0.00	68.56 6.96 0.00	70.51 6.93 0.00	68.11 6.58 0.00	58.02 4.89 0.00	52.84 4.54 0.00	47.98 4.16 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.84 3.38 -0.01	31.29 2.87 -0.01	28.51 2.40 0.00	29.70 2.58 0.00	28.56 2.60 -0.01	29.56 2.54 0.00	28.42 2.56 0.00	31.63 2.90 0.00	35.18 3.23 0.00	38.92 3.51 0.00	42.95 3.58 0.00	44.47 3.71 0.00	44.82 3.81 0.00	47.87 4.03 0.00	47.78 4.46 0.00	53.21 5.27 0.00	55.99 5.82 0.00	67.11 6.92 0.00	68.56 6.96 0.00	70.51 6.93 0.00	68.11 6.58 0.00	58.02 4.89 0.00	52.84 4.54 0.00	47.98 4.16 0.00
HEMPSTEAD____ 23647	36.73 3.28 0.00	31.26 2.84 0.00	28.37 2.27 0.00	29.48 2.36 0.00	28.37 2.41 0.00	29.43 2.40 0.00	28.47 2.61 0.00	31.63 2.90 0.00	35.47 3.51 -0.01	39.25 3.83 -0.01	42.99 3.62 0.00	44.34 3.59 0.00	44.95 3.94 0.00	48.04 4.21 0.00	47.96 4.64 -0.01	53.36 5.42 -0.01	56.10 5.92 -0.01	67.18 6.98 -0.01	68.51 6.90 -0.01	70.46 6.87 -0.01	68.06 6.52 -0.01	58.13 4.99 -0.01	52.41 4.10 0.00	47.41 3.59 0.00
HICKLING___1 23621	33.85 0.40 0.00	29.04 0.63 0.00	26.71 0.60 0.00	27.53 0.41 0.00	26.14 0.18 0.00	27.35 0.32 0.00	26.41 0.54 0.00	29.30 0.57 0.00	32.62 0.67 0.00	36.16 0.74 0.00	40.39 1.02 0.00	41.94 1.18 0.00	42.20 1.19 0.00	45.10 1.27 0.00	44.27 0.95 0.00	48.52 0.58 0.00	50.72 0.55 0.00	60.79 0.60 0.00	62.53 0.92 0.00	65.62 2.03 0.00	63.25 1.72 0.00	54.40 1.28 0.00	49.80 1.50 0.00	45.48 1.67 0.00
HICKLING___2 23622	33.85 0.40 0.00	29.04 0.63 0.00	26.71 0.60 0.00	27.53 0.41 0.00	26.14 0.18 0.00	27.35 0.32 0.00	26.41 0.54 0.00	29.30 0.57 0.00	32.62 0.67 0.00	36.16 0.74 0.00	40.39 1.02 0.00	41.94 1.18 0.00	42.20 1.19 0.00	45.10 1.27 0.00	44.27 0.95 0.00	48.52 0.58 0.00	50.72 0.55 0.00	60.79 0.60 0.00	62.53 0.92 0.00	65.62 2.03 0.00	63.25 1.72 0.00	54.40 1.28 0.00	49.80 1.50 0.00	45.48 1.67 0.00
HIGH FALLS___HY 23754	36.19 2.74 0.00	30.80 2.39 0.00	28.14 2.04 0.00	29.24 2.12 0.00	28.14 2.18 0.00	29.29 2.27 0.00	28.01 2.15 0.00	31.17 2.44 0.00	34.76 2.81 0.00	38.46 3.05 0.00	42.52 3.15 0.00	44.06 3.30 0.00	44.33 3.32 0.00	47.52 3.68 0.00	47.22 3.90 0.00	52.45 4.51 0.00	54.89 4.72 0.00	65.91 5.72 0.00	67.39 5.79 0.00	69.56 5.98 0.00	67.74 6.21 0.00	58.02 4.89 0.00	52.60 4.30 0.00	47.41 3.59 0.00
HIGH_RIVER___SOLAR 323847	35.32 1.87 0.00	30.04 1.62 0.00	27.51 1.41 0.00	28.64 1.52 0.00	27.43 1.48 0.00	28.59 1.57 0.00	27.28 1.42 0.00	30.10 1.38 0.00	33.36 1.40 0.00	36.87 1.45 0.00	40.67 1.30 0.00	41.94 1.18 0.00	42.12 1.11 0.00	45.06 1.23 0.00	44.66 1.34 0.00	49.62 1.68 0.00	52.08 1.91 0.00	62.72 2.53 0.00	64.56 2.96 0.00	66.89 3.30 0.00	64.85 3.32 0.00	55.89 2.76 0.00	50.81 2.51 0.00	46.05 2.23 0.00
HILLBURN___GT 23639	36.19 2.74 0.00	30.77 2.36 0.00	28.09 1.98 0.00	29.24 2.12 0.00	28.08 2.13 0.00	29.21 2.19 0.00	28.04 2.17 0.00	31.20 2.47 0.00	34.79 2.84 0.00	38.49 3.08 0.00	42.48 3.11 0.00	43.98 3.22 0.00	44.29 3.28 0.00	47.38 3.55 0.00	47.17 3.85 0.00	52.45 4.51 0.00	55.09 4.92 0.00	66.03 5.84 0.00	67.33 5.73 0.00	69.31 5.72 0.00	67.07 5.54 0.00	57.28 4.15 0.00	52.02 3.72 0.00	47.06 3.24 0.00
HILLSIDE_115KV_TB1 80332	33.62 0.17 0.00	28.81 0.40 0.00	26.50 0.39 0.00	27.31 0.19 0.00	25.96 0.00 0.00	27.13 0.11 0.00	26.17 0.31 0.00	29.01 0.29 0.00	32.30 0.35 0.00	35.80 0.39 0.00	39.92 0.55 0.00	41.45 0.69 0.00	41.66 0.66 0.00	44.58 0.75 0.00	43.79 0.48 0.00	48.08 0.14 0.00	50.32 0.15 0.00	60.31 0.12 0.00	61.85 0.25 0.00	64.79 1.21 0.00	62.45 0.92 0.00	53.71 0.58 0.00	49.12 0.82 0.00	44.82 1.01 0.00

HISHELDN_WT_PWR 323625	32.75 -0.70 0.00	28.28 -0.14 0.00	26.03 -0.08 0.00	26.66 -0.46 0.00	25.20 -0.75 0.00	26.37 -0.65 0.00	25.71 -0.15 0.00	28.35 -0.37 0.00	31.63 -0.32 0.00	35.20 -0.21 0.00	39.45 0.08 0.00	41.08 0.32 0.00	41.26 0.25 0.00	44.18 0.35 0.00	42.80 -0.52 0.00	46.84 -1.10 0.00	48.77 -1.40 0.00	58.92 -1.27 0.00	60.25 -1.36 0.00	63.64 0.06 0.00	61.84 0.31 0.00	53.55 0.42 0.00	49.27 0.97 0.00	44.91 1.10 0.00
HOLTSVILLE_IC_1 23690	36.90 3.45 0.00	31.54 3.13 0.00	28.56 2.45 0.00	29.56 2.44 0.00	28.50 2.55 0.00	29.53 2.51 0.00	28.81 2.95 0.00	31.89 3.16 0.00	35.82 3.86 -0.01	39.67 4.25 -0.01	43.07 3.70 0.00	44.30 3.54 0.00	45.07 4.06 0.00	48.26 4.43 0.00	48.26 4.94 -0.01	53.84 5.89 -0.01	56.91 6.73 -0.02	68.02 7.82 -0.01	69.31 7.70 -0.01	71.09 7.50 -0.01	68.67 7.13 -0.01	58.77 5.63 -0.01	52.74 4.44 0.00	47.50 3.68 0.00
HOLTSVILLE_IC_10 23699	37.06 3.61 0.00	31.68 3.27 0.00	28.66 2.56 0.00	29.67 2.55 0.00	28.60 2.65 0.00	29.62 2.59 0.00	28.94 3.08 0.00	32.03 3.30 0.00	36.02 4.06 -0.01	39.88 4.46 -0.01	43.30 3.94 0.00	44.59 3.83 0.00	45.40 4.39 0.00	48.61 4.78 0.00	48.61 5.28 -0.01	54.32 6.38 -0.01	57.42 7.23 -0.02	68.56 8.36 -0.01	69.87 8.26 -0.01	71.66 8.08 -0.01	69.16 7.63 -0.01	59.24 6.11 -0.01	53.13 4.83 0.00	47.80 3.99 0.00
HOLTSVILLE_IC_2 23691	36.90 3.45 0.00	31.54 3.13 0.00	28.56 2.45 0.00	29.56 2.44 0.00	28.50 2.55 0.00	29.53 2.51 0.00	28.81 2.95 0.00	31.89 3.16 0.00	35.82 3.86 -0.01	39.67 4.25 -0.01	43.07 3.70 0.00	44.30 3.54 0.00	45.07 4.06 0.00	48.26 4.43 0.00	48.26 4.94 -0.01	53.84 5.89 -0.01	56.91 6.73 -0.02	68.02 7.82 -0.01	69.31 7.70 -0.01	71.09 7.50 -0.01	68.67 7.13 -0.01	58.77 5.63 -0.01	52.74 4.44 0.00	47.50 3.68 0.00
HOLTSVILLE_IC_3 23692	36.90 3.45 0.00	31.54 3.13 0.00	28.56 2.45 0.00	29.56 2.44 0.00	28.50 2.55 0.00	29.53 2.51 0.00	28.81 2.95 0.00	31.89 3.16 0.00	35.82 3.86 -0.01	39.67 4.25 -0.01	43.07 3.70 0.00	44.30 3.54 0.00	45.07 4.06 0.00	48.26 4.43 0.00	48.26 4.94 -0.01	53.84 5.89 -0.01	56.91 6.73 -0.02	68.02 7.82 -0.01	69.31 7.70 -0.01	71.09 7.50 -0.01	68.67 7.13 -0.01	58.77 5.63 -0.01	52.74 4.44 0.00	47.50 3.68 0.00
HOLTSVILLE_IC_4 23693	36.90 3.45 0.00	31.54 3.13 0.00	28.56 2.45 0.00	29.56 2.44 0.00	28.50 2.55 0.00	29.53 2.51 0.00	28.81 2.95 0.00	31.89 3.16 0.00	35.82 3.86 -0.01	39.67 4.25 -0.01	43.07 3.70 0.00	44.30 3.54 0.00	45.07 4.06 0.00	48.26 4.43 0.00	48.26 4.94 -0.01	53.84 5.89 -0.01	56.91 6.73 -0.02	68.02 7.82 -0.01	69.31 7.70 -0.01	71.09 7.50 -0.01	68.67 7.13 -0.01	58.77 5.63 -0.01	52.74 4.44 0.00	47.50 3.68 0.00
HOLTSVILLE_IC_5 23694	36.90 3.45 0.00	31.54 3.13 0.00	28.56 2.45 0.00	29.56 2.44 0.00	28.50 2.55 0.00	29.53 2.51 0.00	28.81 2.95 0.00	31.89 3.16 0.00	35.82 3.86 -0.01	39.67 4.25 -0.01	43.07 3.70 0.00	44.30 3.54 0.00	45.07 4.06 0.00	48.26 4.43 0.00	48.26 4.94 -0.01	53.84 5.89 -0.01	56.91 6.73 -0.02	68.02 7.82 -0.01	69.31 7.70 -0.01	71.09 7.50 -0.01	68.67 7.13 -0.01	58.77 5.63 -0.01	52.74 4.44 0.00	47.50 3.68 0.00
HOLTSVILLE_IC_6 23695	37.06 3.61 0.00	31.68 3.27 0.00	28.66 2.56 0.00	29.67 2.55 0.00	28.60 2.65 0.00	29.62 2.59 0.00	28.94 3.08 0.00	32.03 3.30 0.00	36.02 4.06 -0.01	39.88 4.46 -0.01	43.30 3.94 0.00	44.59 3.83 0.00	45.40 4.39 0.00	48.61 4.78 0.00	48.61 5.28 -0.01	54.32 6.38 -0.01	57.42 7.23 -0.02	68.56 8.36 -0.01	69.87 8.26 -0.01	71.66 8.08 -0.01	69.16 7.63 -0.01	59.24 6.11 -0.01	53.13 4.83 0.00	47.80 3.99 0.00
HOLTSVILLE_IC_7 23696	37.06 3.61 0.00	31.68 3.27 0.00	28.66 2.56 0.00	29.67 2.55 0.00	28.60 2.65 0.00	29.62 2.59 0.00	28.94 3.08 0.00	32.03 3.30 0.00	36.02 4.06 -0.01	39.88 4.46 -0.01	43.30 3.94 0.00	44.59 3.83 0.00	45.40 4.39 0.00	48.61 4.78 0.00	48.61 5.28 -0.01	54.32 6.38 -0.01	57.42 7.23 -0.02	68.56 8.36 -0.01	69.87 8.26 -0.01	71.66 8.08 -0.01	69.16 7.63 -0.01	59.24 6.11 -0.01	53.13 4.83 0.00	47.80 3.99 0.00
HOLTSVILLE_IC_8 23697	37.06 3.61 0.00	31.68 3.27 0.00	28.66 2.56 0.00	29.67 2.55 0.00	28.60 2.65 0.00	29.62 2.59 0.00	28.94 3.08 0.00	32.03 3.30 0.00	36.02 4.06 -0.01	39.88 4.46 -0.01	43.30 3.94 0.00	44.59 3.83 0.00	45.40 4.39 0.00	48.61 4.78 0.00	48.61 5.28 -0.01	54.32 6.38 -0.01	57.42 7.23 -0.02	68.56 8.36 -0.01	69.87 8.26 -0.01	71.66 8.08 -0.01	69.16 7.63 -0.01	59.24 6.11 -0.01	53.13 4.83 0.00	47.80 3.99 0.00
HOLTSVILLE_IC_9 23698	37.06 3.61 0.00	31.68 3.27 0.00	28.66 2.56 0.00	29.67 2.55 0.00	28.60 2.65 0.00	29.62 2.59 0.00	28.94 3.08 0.00	32.03 3.30 0.00	36.02 4.06 -0.01	39.88 4.46 -0.01	43.30 3.94 0.00	44.59 3.83 0.00	45.40 4.39 0.00	48.61 4.78 0.00	48.61 5.28 -0.01	54.32 6.38 -0.01	57.42 7.23 -0.02	68.56 8.36 -0.01	69.87 8.26 -0.01	71.66 8.08 -0.01	69.16 7.63 -0.01	59.24 6.11 -0.01	53.13 4.83 0.00	47.80 3.99 0.00
HOMER_HL_115KV_TB2 355744	33.05 -0.40 0.00	28.53 0.11 0.00	26.29 0.18 0.00	26.88 -0.24 0.00	25.38 -0.57 0.00	26.59 -0.43 0.00	25.91 0.05 0.00	28.58 -0.14 0.00	31.92 -0.03 0.00	35.52 0.11 0.00	39.60 0.24 0.00	41.16 0.41 0.00	41.38 0.37 0.00	44.32 0.48 0.00	43.27 -0.04 0.00	47.32 -0.62 0.00	49.42 -0.75 0.00	58.99 -1.20 0.00	60.56 -1.05 0.00	64.03 0.45 0.00	61.47 -0.06 0.00	52.76 -0.37 0.00	48.64 0.34 0.00	44.47 0.66 0.00
HOWARD_WT_PWR 323690	32.81 -0.64 0.00	28.22 -0.20 0.00	26.00 -0.10 0.00	26.74 -0.38 0.00	25.38 -0.57 0.00	26.62 -0.40 0.00	25.81 -0.05 0.00	28.61 -0.11 0.00	31.86 -0.10 0.00	35.31 -0.11 0.00	39.57 0.20 0.00	41.16 0.41 0.00	41.38 0.37 0.00	44.23 0.39 0.00	43.10 -0.22 0.00	47.22 -0.72 0.00	49.32 -0.85 0.00	59.83 -0.36 0.00	61.54 -0.06 0.00	65.04 1.46 0.00	63.25 1.72 0.00	54.83 1.70 0.00	50.24 1.93 0.00	45.92 2.10 0.00
HQ_GEN_CEDARS 23644	32.55 -0.90 0.00	27.54 -0.88 0.00	25.35 -0.76 0.00	26.31 -0.81 0.00	25.23 -0.73 0.00	26.13 -0.89 0.00	25.09 -0.78 0.00	27.92 -0.80 0.00	31.12 -0.83 0.00	34.67 -0.74 0.00	38.66 -0.71 0.00	40.06 -0.69 0.00	40.39 -0.62 0.00	43.18 -0.66 0.00	42.58 -0.74 0.00	47.03 -0.91 0.00	49.07 -1.10 0.00	58.80 -1.38 0.00	60.19 -1.42 0.00	62.18 -1.40 0.00	60.54 -0.98 0.00	52.81 -0.32 0.00	47.97 -0.34 0.00	43.51 -0.31 0.00
HQ_GEN_CEDARS_PROXY 323590	32.55 -0.90 0.00	27.54 -0.88 0.00	25.35 -0.76 0.00	26.31 -0.81 0.00	25.20 -0.75 0.00	25.48 -0.89 0.65	25.71 -0.80 -0.65	27.92 -0.80 0.00	31.12 -0.83 0.00	34.67 -0.75 0.00	38.66 -0.71 0.00	40.06 -0.69 0.00	40.39 -0.61 0.00	43.18 -0.66 0.00	42.58 -0.74 0.00	47.03 -0.91 0.00	49.07 -1.10 0.00	58.74 -1.45 0.00	60.19 -1.41 0.00	62.24 -1.34 0.00	60.54 -0.99 0.00	52.86 -0.26 0.00	47.97 -0.34 0.00	43.51 -0.30 0.00

HQ_GEN_IMPORT 323601	32.88 -0.57 0.00	27.85 -0.57 0.00	25.58 -0.52 0.00	26.58 -0.54 0.00	25.46 -0.49 0.00	25.83 -0.54 0.65	26.00 -0.52 -0.65	28.21 -0.52 0.00	31.38 -0.57 0.00	34.92 -0.50 0.00	38.94 -0.43 0.00	40.31 -0.45 0.00	40.60 -0.41 0.00	43.35 -0.48 0.00	42.80 -0.52 0.00	47.32 -0.62 0.00	49.47 -0.70 0.00	59.35 -0.84 0.00	60.74 -0.86 0.00	62.63 -0.95 0.00	60.61 -0.92 0.00	52.49 -0.64 0.00	47.73 -0.58 0.00	43.29 -0.52 0.00
HQ_GEN_WHEEL 23651	32.88 -0.57 0.00	27.85 -0.57 0.00	25.58 -0.52 0.00	26.58 -0.54 0.00	25.46 -0.49 0.00	25.83 -0.54 0.65	26.00 -0.52 -0.65	28.21 -0.52 0.00	31.38 -0.57 0.00	34.92 -0.50 0.00	38.94 -0.43 0.00	40.31 -0.45 0.00	40.60 -0.41 0.00	43.35 -0.48 0.00	42.80 -0.52 0.00	47.32 -0.62 0.00	49.47 -0.70 0.00	59.35 -0.84 0.00	60.74 -0.86 0.00	62.63 -0.95 0.00	60.61 -0.92 0.00	52.49 -0.64 0.00	47.73 -0.58 0.00	43.29 -0.52 0.00
HUDSON AVE_GT_3 23810	36.56 3.11 0.00	31.03 2.61 0.00	28.30 2.19 0.00	29.48 2.36 0.00	28.34 2.39 0.00	29.45 2.43 0.00	28.32 2.46 0.00	31.51 2.79 0.00	35.11 3.16 0.00	38.88 3.47 0.00	42.87 3.50 0.00	44.34 3.59 0.00	44.70 3.69 0.00	47.82 3.99 0.00	47.69 4.38 0.00	53.07 5.13 0.00	55.94 5.77 0.00	67.05 6.86 0.00	68.44 6.84 0.00	70.45 6.87 0.00	67.99 6.46 0.00	58.02 4.89 0.00	52.70 4.40 0.00	47.63 3.81 0.00
HUDSON AVE_GT_4 23540	36.56 3.11 0.00	31.03 2.61 0.00	28.30 2.19 0.00	29.48 2.36 0.00	28.34 2.39 0.00	29.45 2.43 0.00	28.32 2.46 0.00	31.51 2.79 0.00	35.11 3.16 0.00	38.88 3.47 0.00	42.87 3.50 0.00	44.34 3.59 0.00	44.70 3.69 0.00	47.82 3.99 0.00	47.69 4.38 0.00	53.07 5.13 0.00	55.94 5.77 0.00	67.05 6.86 0.00	68.44 6.84 0.00	70.45 6.87 0.00	67.99 6.46 0.00	58.02 4.89 0.00	52.70 4.40 0.00	47.63 3.81 0.00
HUDSON AVE_GT_5 23657	36.56 3.11 0.00	31.03 2.61 0.00	28.30 2.19 0.00	29.48 2.36 0.00	28.34 2.39 0.00	29.45 2.43 0.00	28.32 2.46 0.00	31.51 2.79 0.00	35.11 3.16 0.00	38.88 3.47 0.00	42.87 3.50 0.00	44.34 3.59 0.00	44.70 3.69 0.00	47.82 3.99 0.00	47.69 4.38 0.00	53.07 5.13 0.00	55.94 5.77 0.00	67.05 6.86 0.00	68.44 6.84 0.00	70.45 6.87 0.00	67.99 6.46 0.00	58.02 4.89 0.00	52.70 4.40 0.00	47.63 3.81 0.00
HUDSON_AVE_10 24168	36.53 3.08 0.00	30.97 2.56 0.00	28.25 2.14 0.00	29.43 2.31 0.00	28.29 2.34 0.00	29.40 2.38 0.00	28.29 2.43 0.00	31.48 2.76 0.00	35.08 3.13 0.00	38.85 3.44 0.00	42.75 3.39 0.00	44.26 3.51 0.00	44.58 3.57 0.00	47.69 3.86 0.00	47.61 4.29 0.00	52.97 5.03 0.00	55.79 5.62 0.00	66.93 6.74 0.00	68.32 6.71 0.00	70.32 6.74 0.00	67.87 6.34 0.00	57.86 4.73 0.00	52.65 4.35 0.00	47.59 3.77 0.00
HUDSON___115KV_TB 4 355613	34.95 1.51 0.00	29.78 1.36 0.00	27.25 1.15 0.00	28.37 1.25 0.00	27.20 1.25 0.00	28.35 1.32 0.00	26.97 1.11 0.00	29.79 1.06 0.00	33.07 1.12 0.00	36.51 1.10 0.00	40.27 0.91 0.00	41.61 0.86 0.00	41.79 0.78 0.00	44.80 0.96 0.00	44.40 1.08 0.00	49.38 1.44 0.00	51.63 1.45 0.00	62.12 1.93 0.00	63.76 2.16 0.00	65.93 2.35 0.00	64.11 2.58 0.00	55.36 2.23 0.00	50.33 2.03 0.00	45.53 1.71 0.00
HUNTER MOUNT___DRP 323613	35.09 1.64 0.00	29.89 1.48 0.00	27.36 1.25 0.00	28.45 1.33 0.00	27.28 1.32 0.00	28.43 1.41 0.00	27.03 1.16 0.00	29.85 1.12 0.00	33.10 1.15 0.00	36.55 1.13 0.00	40.27 0.91 0.00	41.65 0.90 0.00	41.79 0.78 0.00	44.80 0.96 0.00	44.31 1.00 0.00	49.28 1.34 0.00	51.33 1.15 0.00	61.81 1.63 0.00	63.51 1.91 0.00	65.74 2.16 0.00	64.24 2.71 0.00	55.57 2.44 0.00	50.53 2.22 0.00	45.70 1.88 0.00
HUNTINGTON_RES_REC 323705	36.90 3.45 0.00	31.46 3.04 0.00	28.50 2.40 0.00	29.54 2.41 0.00	28.47 2.52 0.00	29.51 2.48 0.00	28.71 2.84 0.00	31.83 3.10 0.00	35.76 3.80 -0.01	39.63 4.21 -0.01	42.99 3.62 0.00	44.26 3.51 0.00	45.03 4.02 0.00	48.22 4.38 0.00	48.22 4.89 -0.01	53.79 5.85 -0.01	56.84 6.62 -0.05	67.90 7.71 -0.01	69.19 7.57 -0.01	71.02 7.44 -0.01	68.55 7.01 -0.01	58.66 5.53 -0.01	52.65 4.35 0.00	47.41 3.59 0.00
HUNTLEY___63 23557	33.48 0.03 0.00	28.99 0.57 0.00	26.63 0.52 0.00	27.20 0.08 0.00	25.54 -0.42 0.00	26.72 -0.30 0.00	26.12 0.26 0.00	28.78 0.06 0.00	32.14 0.19 0.00	35.87 0.46 0.00	40.16 0.79 0.00	41.73 0.98 0.00	41.99 0.98 0.00	45.02 1.18 0.00	43.84 0.52 0.00	47.75 -0.19 0.00	49.57 -0.60 0.00	58.93 -1.26 0.00	60.49 -1.11 0.00	63.58 0.00 0.00	61.16 -0.37 0.00	52.38 -0.74 0.00	48.59 0.29 0.00	44.52 0.70 0.00
HUNTLEY___64 23558	33.48 0.03 0.00	28.99 0.57 0.00	26.63 0.52 0.00	27.20 0.08 0.00	25.54 -0.42 0.00	26.72 -0.30 0.00	26.12 0.26 0.00	28.78 0.06 0.00	32.14 0.19 0.00	35.87 0.46 0.00	40.16 0.79 0.00	41.73 0.98 0.00	41.99 0.98 0.00	45.02 1.18 0.00	43.84 0.52 0.00	47.75 -0.19 0.00	49.57 -0.60 0.00	58.93 -1.26 0.00	60.49 -1.11 0.00	63.58 0.00 0.00	61.16 -0.37 0.00	52.38 -0.74 0.00	48.59 0.29 0.00	44.52 0.70 0.00
HUNTLEY___65 23559	33.48 0.03 0.00	28.99 0.57 0.00	26.63 0.52 0.00	27.20 0.08 0.00	25.54 -0.42 0.00	26.72 -0.30 0.00	26.12 0.26 0.00	28.78 0.06 0.00	32.14 0.19 0.00	35.87 0.46 0.00	40.16 0.79 0.00	41.73 0.98 0.00	41.99 0.98 0.00	45.02 1.18 0.00	43.84 0.52 0.00	47.75 -0.19 0.00	49.57 -0.60 0.00	58.93 -1.26 0.00	60.49 -1.11 0.00	63.58 0.00 0.00	61.16 -0.37 0.00	52.38 -0.74 0.00	48.59 0.29 0.00	44.52 0.70 0.00
HUNTLEY___66 23560	33.48 0.03 0.00	28.99 0.57 0.00	26.63 0.52 0.00	27.20 0.08 0.00	25.54 -0.42 0.00	26.72 -0.30 0.00	26.12 0.26 0.00	28.78 0.06 0.00	32.14 0.19 0.00	35.87 0.46 0.00	40.16 0.79 0.00	41.73 0.98 0.00	41.99 0.98 0.00	45.02 1.18 0.00	43.84 0.52 0.00	47.75 -0.19 0.00	49.57 -0.60 0.00	58.93 -1.26 0.00	60.49 -1.11 0.00	63.58 0.00 0.00	61.16 -0.37 0.00	52.38 -0.74 0.00	48.59 0.29 0.00	44.52 0.70 0.00
HUNTLEY___67 23561	33.22 -0.23 0.00	28.73 0.31 0.00	26.39 0.29 0.00	26.96 -0.16 0.00	25.36 -0.60 0.00	26.53 -0.49 0.00	25.91 0.05 0.00	28.58 -0.14 0.00	31.86 -0.10 0.00	35.55 0.14 0.00	39.76 0.39 0.00	41.33 0.57 0.00	41.58 0.57 0.00	44.53 0.70 0.00	43.36 0.04 0.00	47.27 -0.67 0.00	49.07 -1.10 0.00	58.44 -1.75 0.00	60.00 -1.60 0.00	63.14 -0.45 0.00	60.61 -0.92 0.00	51.91 -1.22 0.00	48.16 -0.14 0.00	44.12 0.31 0.00
HUNTLEY___68 23562	33.22 -0.23 0.00	28.73 0.31 0.00	26.39 0.29 0.00	26.96 -0.16 0.00	25.36 -0.60 0.00	26.53 -0.49 0.00	25.91 0.05 0.00	28.58 -0.14 0.00	31.86 -0.10 0.00	35.55 0.14 0.00	39.76 0.39 0.00	41.33 0.57 0.00	41.58 0.57 0.00	44.53 0.70 0.00	43.36 0.04 0.00	47.27 -0.67 0.00	49.07 -1.10 0.00	58.44 -1.75 0.00	60.00 -1.60 0.00	63.14 -0.45 0.00	60.61 -0.92 0.00	51.91 -1.22 0.00	48.16 -0.14 0.00	44.12 0.31 0.00



HYLAND___LFGE 323620	34.92 1.47 0.00	29.98 1.56 0.00	27.49 1.38 0.00	28.24 1.11 0.00	26.76 0.81 0.00	27.89 0.86 0.00	26.95 1.09 0.00	29.73 1.00 0.00	32.78 0.83 0.00	35.77 0.35 0.00	39.61 0.24 0.00	41.08 0.32 0.00	41.30 0.29 0.00	44.05 0.22 0.00	43.06 -0.26 0.00	47.37 -0.57 0.00	49.72 -0.45 0.00	60.91 0.72 0.00	63.27 1.66 0.00	67.14 3.56 0.00	65.65 4.12 0.00	57.32 4.20 0.00	52.31 4.01 0.00	47.50 3.68 0.00
INDECK___CORINTH 23802	36.13 2.68 0.00	30.72 2.30 0.00	28.01 1.90 0.00	29.21 2.09 0.00	27.93 1.97 0.00	29.21 2.19 0.00	27.88 2.02 0.00	30.77 2.04 0.00	34.22 2.27 0.00	37.79 2.37 0.00	40.16 0.79 0.00	41.45 0.69 0.00	41.50 0.49 0.00	44.14 0.31 0.00	43.88 0.56 0.00	48.90 0.96 0.00	51.33 1.15 0.00	61.75 1.56 0.00	64.00 2.40 0.00	66.19 2.61 0.00	64.30 2.77 0.00	55.41 2.28 0.00	50.38 2.08 0.00	45.61 1.80 0.00
INDECK___ILION 23567	33.45 0.00 0.00	28.47 0.06 0.00	26.16 0.05 0.00	27.18 0.05 0.00	26.06 0.10 0.00	27.13 0.11 0.00	25.94 0.08 0.00	28.81 0.09 0.00	32.08 0.13 0.00	35.55 0.14 0.00	39.45 0.08 0.00	40.84 0.08 0.00	41.09 0.08 0.00	43.88 0.04 0.00	43.45 0.13 0.00	48.08 0.14 0.00	50.32 0.15 0.00	60.43 0.24 0.00	61.85 0.25 0.00	63.90 0.32 0.00	61.77 0.25 0.00	53.45 0.32 0.00	48.55 0.24 0.00	44.04 0.22 0.00
INDECK___OLEAN 23982	33.05 -0.40 0.00	28.53 0.11 0.00	26.29 0.18 0.00	26.88 -0.24 0.00	25.44 -0.52 0.00	26.62 -0.40 0.00	25.94 0.08 0.00	28.58 -0.14 0.00	31.92 -0.03 0.00	35.52 0.11 0.00	39.61 0.24 0.00	41.16 0.41 0.00	41.38 0.37 0.00	44.32 0.48 0.00	43.27 -0.04 0.00	47.41 -0.53 0.00	49.52 -0.65 0.00	59.83 -0.36 0.00	60.99 -0.62 0.00	64.15 0.57 0.00	62.02 0.49 0.00	53.66 0.53 0.00	49.22 0.92 0.00	44.87 1.05 0.00
INDECK___OSWEGO 23783	33.11 -0.33 0.00	28.19 -0.23 0.00	25.89 -0.21 0.00	26.85 -0.27 0.00	25.67 -0.28 0.00	26.75 -0.27 0.00	25.60 -0.26 0.00	28.44 -0.29 0.00	31.60 -0.35 0.00	35.18 -0.53 0.00	42.89 -0.51 -4.03	44.77 -0.53 -4.55	45.03 -0.61 -4.64	48.53 -0.61 -5.31	47.77 -0.65 -5.10	53.81 -0.82 -6.69	48.87 -1.30 0.00	58.69 -1.50 0.00	60.12 -1.48 0.00	71.56 -1.34 -9.31	69.17 -1.30 -8.93	58.74 -1.12 -6.73	53.83 -0.97 -6.49	49.05 -0.44 -5.67
INDECK___YERKES 23781	33.52 0.07 0.00	29.01 0.60 0.00	26.65 0.55 0.00	27.23 0.11 0.00	25.62 -0.34 0.00	26.75 -0.27 0.00	26.15 0.29 0.00	28.81 0.09 0.00	32.18 0.23 0.00	35.91 0.50 0.00	40.20 0.83 0.00	41.78 1.02 0.00	42.03 1.03 0.00	45.06 1.23 0.00	43.88 0.56 0.00	48.04 0.10 0.00	49.87 -0.30 0.00	60.19 0.00 0.00	61.36 -0.25 0.00	64.28 0.70 0.00	62.02 0.49 0.00	53.71 0.59 0.00	49.46 1.16 0.00	45.04 1.23 0.00
INDIAN POINT_GT_1 24139	36.16 2.71 0.00	30.72 2.30 0.00	28.06 1.96 0.00	29.21 2.09 0.00	28.08 2.13 0.00	29.21 2.19 0.00	28.01 2.15 0.00	31.17 2.44 0.00	34.76 2.81 0.00	38.42 3.01 0.00	42.40 3.03 0.00	43.89 3.14 0.00	44.21 3.20 0.00	47.30 3.46 0.00	47.13 3.81 0.00	52.49 4.55 0.00	55.34 5.17 0.00	66.45 6.26 0.00	67.82 6.22 0.00	69.81 6.23 0.00	67.44 5.91 0.00	57.54 4.41 0.00	52.17 3.86 0.00	47.10 3.29 0.00
INDIAN POINT_GT_2 23659	36.16 2.71 0.00	30.72 2.30 0.00	28.06 1.96 0.00	29.21 2.09 0.00	28.08 2.13 0.00	29.21 2.19 0.00	28.01 2.15 0.00	31.17 2.44 0.00	34.76 2.81 0.00	38.42 3.01 0.00	42.40 3.03 0.00	43.89 3.14 0.00	44.21 3.20 0.00	47.30 3.46 0.00	47.13 3.81 0.00	52.49 4.55 0.00	55.34 5.17 0.00	66.45 6.26 0.00	67.82 6.22 0.00	69.81 6.23 0.00	67.44 5.91 0.00	57.54 4.41 0.00	52.17 3.86 0.00	47.10 3.29 0.00
INDIAN POINT_GT_3 24019	36.16 2.71 0.00	30.72 2.30 0.00	28.06 1.96 0.00	29.21 2.09 0.00	28.08 2.13 0.00	29.21 2.19 0.00	28.01 2.15 0.00	31.17 2.44 0.00	34.76 2.81 0.00	38.42 3.01 0.00	42.40 3.03 0.00	43.89 3.14 0.00	44.21 3.20 0.00	47.30 3.46 0.00	47.13 3.81 0.00	52.49 4.55 0.00	55.34 5.17 0.00	66.45 6.26 0.00	67.82 6.22 0.00	69.81 6.23 0.00	67.44 5.91 0.00	57.54 4.41 0.00	52.17 3.86 0.00	47.10 3.29 0.00
INDIAN POINT___2 23530	36.16 2.71 0.00	30.72 2.30 0.00	28.06 1.96 0.00	29.18 2.06 0.00	28.03 2.08 0.00	29.18 2.16 0.00	28.01 2.15 0.00	31.17 2.44 0.00	34.73 2.78 0.00	38.42 3.01 0.00	42.40 3.03 0.00	43.85 3.10 0.00	44.21 3.20 0.00	47.25 3.42 0.00	47.08 3.77 0.00	52.35 4.41 0.00	55.09 4.92 0.00	65.97 5.78 0.00	67.27 5.66 0.00	69.31 5.72 0.00	66.94 5.42 0.00	57.12 3.99 0.00	51.88 3.57 0.00	46.97 3.16 0.00
INDIAN POINT___3 23531	36.13 2.68 0.00	30.69 2.27 0.00	28.04 1.93 0.00	29.18 2.06 0.00	28.06 2.10 0.00	29.18 2.16 0.00	27.98 2.12 0.00	31.14 2.41 0.00	34.73 2.78 0.00	38.39 2.97 0.00	42.36 2.99 0.00	43.85 3.10 0.00	44.17 3.16 0.00	47.25 3.42 0.00	47.09 3.77 0.00	52.35 4.41 0.00	55.19 5.02 0.00	66.21 6.02 0.00	67.58 5.98 0.00	69.62 6.04 0.00	67.19 5.66 0.00	57.43 4.30 0.00	52.07 3.77 0.00	47.02 3.20 0.00
INGHAM_C_115KV_TB7 356103	33.01 -0.43 0.00	28.10 -0.31 0.00	25.84 -0.26 0.00	26.82 -0.30 0.00	25.75 -0.21 0.00	26.83 -0.19 0.00	25.63 -0.23 0.00	28.50 -0.23 0.00	31.73 -0.22 0.00	35.20 -0.21 0.00	39.09 -0.28 0.00	40.47 -0.29 0.00	40.72 -0.29 0.00	43.44 -0.39 0.00	42.97 -0.35 0.00	47.60 -0.34 0.00	49.77 -0.40 0.00	59.77 -0.42 0.00	61.23 -0.37 0.00	63.26 -0.32 0.00	61.16 -0.37 0.00	52.97 -0.16 0.00	48.11 -0.19 0.00	43.64 -0.18 0.00
IP CORINTH___1 23988	36.13 2.68 0.00	30.72 2.30 0.00	28.01 1.91 0.00	29.21 2.09 0.00	27.95 2.00 0.00	29.21 2.19 0.00	27.88 2.02 0.00	30.77 2.04 0.00	34.22 2.27 0.00	37.79 2.37 0.00	40.35 0.98 0.00	41.65 0.90 0.00	41.71 0.70 0.00	44.40 0.57 0.00	44.10 0.78 0.00	49.19 1.25 0.00	51.63 1.45 0.00	62.18 1.99 0.00	64.50 2.90 0.00	66.63 3.05 0.00	64.73 3.20 0.00	55.84 2.71 0.00	50.72 2.42 0.00	45.92 2.10 0.00
IP___TICONDEROGA 23804	37.80 4.35 0.00	32.11 3.69 0.00	29.08 2.98 0.00	30.35 3.23 0.00	28.99 3.04 0.00	30.43 3.40 0.00	28.99 3.13 0.00	31.71 2.99 0.00	35.31 3.35 0.00	39.03 3.61 0.00	41.73 2.36 0.00	43.04 2.28 0.00	42.94 1.93 0.00	45.76 1.93 0.00	45.44 2.12 0.00	50.86 2.92 0.00	53.38 3.21 0.00	64.58 4.39 0.00	67.33 5.73 0.00	69.88 6.29 0.00	67.99 6.46 0.00	58.76 5.63 0.00	53.42 5.12 0.00	48.42 4.60 0.00
ISLIP_RES_REC 323679	37.19 3.75 0.00	31.80 3.38 0.00	28.77 2.66 0.00	29.78 2.66 0.00	28.71 2.75 0.00	29.72 2.70 0.00	29.04 3.18 0.00	32.14 3.42 0.00	36.18 4.22 -0.01	40.06 4.64 -0.01	43.54 4.17 0.00	44.83 4.08 0.00	45.64 4.63 0.00	48.92 5.08 -0.01	48.95 5.63 -0.01	54.66 6.71 -0.01	57.81 7.62 -0.02	69.05 8.85 -0.01	70.42 8.81 -0.01	72.17 8.58 -0.01	69.66 8.12 -0.01	59.67 6.53 -0.01	53.47 5.17 0.00	48.11 4.30 0.00

JAMAICA__27_KV_LOAD 355505	36.76 3.31 0.00	31.17 2.76 0.00	28.40 2.30 0.00	29.59 2.47 0.00	28.45 2.49 0.00	29.62 2.59 0.00	28.50 2.64 0.00	31.74 3.02 0.00	35.40 3.45 0.00	39.20 3.79 0.00	42.91 3.54 0.00	44.42 3.67 0.00	44.74 3.73 0.00	47.91 4.08 0.00	47.82 4.50 0.00	53.26 5.32 0.00	56.19 6.02 0.00	67.35 7.16 0.00	68.81 7.21 0.00	70.83 7.25 0.00	68.42 6.89 0.00	58.23 5.10 0.00	53.18 4.88 0.00	47.98 4.16 0.00
JANIS__SOLAR 323808	34.82 1.37 0.00	29.72 1.31 0.00	27.28 1.18 0.00	28.24 1.11 0.00	27.07 1.12 0.00	28.24 1.22 0.00	27.03 1.16 0.00	30.05 1.32 0.00	33.42 1.47 0.00	36.87 1.45 0.00	41.02 1.65 0.00	42.43 1.67 0.00	42.65 1.64 0.00	45.50 1.67 0.00	45.00 1.69 0.00	49.76 1.82 0.00	52.13 1.95 0.00	62.96 2.77 0.00	64.93 3.32 0.00	67.78 4.20 0.00	65.59 4.06 0.00	56.79 3.66 0.00	51.54 3.24 0.00	46.88 3.07 0.00
JARVIS____ 23743	33.72 0.27 0.00	28.67 0.26 0.00	26.31 0.21 0.00	27.37 0.24 0.00	26.19 0.23 0.00	27.29 0.27 0.00	26.10 0.23 0.00	28.95 0.23 0.00	32.21 0.25 0.00	35.66 0.25 0.00	39.61 0.24 0.00	40.96 0.20 0.00	41.21 0.21 0.00	44.05 0.22 0.00	43.58 0.26 0.00	48.28 0.34 0.00	50.53 0.35 0.00	60.61 0.42 0.00	62.04 0.43 0.00	64.09 0.51 0.00	62.02 0.49 0.00	53.50 0.37 0.00	48.64 0.34 0.00	44.13 0.31 0.00
JENNISON____1 23625	34.99 1.54 0.00	29.89 1.48 0.00	27.46 1.36 0.00	28.45 1.33 0.00	27.31 1.35 0.00	28.51 1.49 0.00	27.23 1.37 0.00	30.31 1.58 0.00	33.80 1.85 0.00	37.43 2.02 0.00	41.65 2.28 0.00	43.08 2.32 0.00	43.30 2.30 0.00	46.20 2.37 0.00	45.74 2.43 0.00	50.48 2.54 0.00	52.83 2.66 0.00	63.56 3.37 0.00	65.36 3.76 0.00	68.10 4.51 0.00	65.71 4.18 0.00	56.85 3.72 0.00	51.64 3.33 0.00	46.97 3.15 0.00
JENNISON____2 23626	34.99 1.54 0.00	29.89 1.48 0.00	27.46 1.36 0.00	28.45 1.33 0.00	27.31 1.35 0.00	28.51 1.49 0.00	27.23 1.37 0.00	30.31 1.58 0.00	33.80 1.85 0.00	37.43 2.02 0.00	41.65 2.28 0.00	43.08 2.32 0.00	43.30 2.30 0.00	46.20 2.37 0.00	45.74 2.43 0.00	50.48 2.54 0.00	52.83 2.66 0.00	63.56 3.37 0.00	65.36 3.76 0.00	68.10 4.51 0.00	65.71 4.18 0.00	56.85 3.72 0.00	51.64 3.33 0.00	46.97 3.15 0.00
JERICOHO_RISE_WT_PWR 323719	31.94 -1.50 0.00	26.94 -1.48 0.00	24.75 -1.36 0.00	25.74 -1.38 0.00	24.63 -1.32 0.00	25.56 -1.46 0.00	24.52 -1.35 0.00	27.38 -1.35 0.00	30.61 -1.34 0.00	34.17 -1.24 0.00	38.15 -1.22 0.00	39.53 -1.22 0.00	39.86 -1.15 0.00	42.61 -1.23 0.00	42.02 -1.30 0.00	46.40 -1.54 0.00	48.41 -1.76 0.00	57.96 -2.23 0.00	59.32 -2.28 0.00	61.23 -2.35 0.00	59.68 -1.84 0.00	52.17 -0.95 0.00	47.44 -0.87 0.00	42.98 -0.83 0.00
KATONAH__115KV_46KV_TB4 355592	36.26 2.81 0.00	30.78 2.36 0.00	28.11 2.01 0.00	29.29 2.17 0.00	28.14 2.18 0.00	29.26 2.24 0.00	28.06 2.20 0.00	31.23 2.50 0.00	34.83 2.88 0.00	38.53 3.12 0.00	42.60 3.23 0.00	44.06 3.30 0.00	44.37 3.36 0.00	47.43 3.59 0.00	47.35 4.03 0.00	52.88 4.94 0.00	55.94 5.77 0.00	67.29 7.10 0.00	68.69 7.08 0.00	70.57 6.99 0.00	67.99 6.46 0.00	57.80 4.68 0.00	52.36 4.06 0.00	47.23 3.42 0.00
KCE_NY_1 323755	35.69 2.24 0.00	30.35 1.93 0.00	27.75 1.65 0.00	28.91 1.79 0.00	27.67 1.71 0.00	28.88 1.86 0.00	27.57 1.71 0.00	30.51 1.78 0.00	33.90 1.95 0.00	37.40 1.98 0.00	40.94 1.58 0.00	42.27 1.51 0.00	42.40 1.40 0.00	45.32 1.49 0.00	45.00 1.69 0.00	50.05 2.11 0.00	52.53 2.36 0.00	63.14 2.95 0.00	64.87 3.26 0.00	67.01 3.43 0.00	64.91 3.38 0.00	55.89 2.76 0.00	50.86 2.56 0.00	46.05 2.23 0.00
KCE_NY_6_ESR 323823	33.32 -0.13 0.00	28.81 0.40 0.00	26.50 0.39 0.00	27.07 -0.05 0.00	25.51 -0.44 0.00	26.67 -0.35 0.00	26.05 0.18 0.00	28.70 -0.03 0.00	32.05 0.10 0.00	35.73 0.32 0.00	40.00 0.63 0.00	41.57 0.81 0.00	41.83 0.82 0.00	44.84 1.01 0.00	43.66 0.34 0.00	47.80 -0.14 0.00	49.72 -0.45 0.00	60.07 -0.12 0.00	61.24 -0.37 0.00	64.28 0.70 0.00	62.08 0.55 0.00	53.77 0.64 0.00	49.46 1.16 0.00	45.04 1.23 0.00
KEDC PORT_JEFF_GT2 24210	37.03 3.58 0.00	31.66 3.24 0.00	28.64 2.53 0.00	29.65 2.52 0.00	28.58 2.62 0.00	29.59 2.57 0.00	28.89 3.02 0.00	31.97 3.25 0.00	35.95 3.99 -0.01	39.81 4.39 -0.01	43.27 3.90 0.00	44.55 3.79 0.00	45.31 4.30 0.00	48.53 4.69 0.00	48.56 5.24 -0.01	54.23 6.28 -0.01	57.32 7.12 -0.02	68.14 7.94 -0.01	69.43 7.82 -0.01	71.22 7.63 -0.01	68.73 7.20 -0.01	59.14 6.00 -0.01	53.04 4.74 0.00	47.72 3.90 0.00
KEDC PORT_JEFF_GT3 24211	37.03 3.58 0.00	31.66 3.24 0.00	28.64 2.53 0.00	29.65 2.52 0.00	28.58 2.62 0.00	29.59 2.57 0.00	28.89 3.02 0.00	31.97 3.25 0.00	35.95 3.99 -0.01	39.81 4.39 -0.01	43.27 3.90 0.00	44.55 3.79 0.00	45.31 4.30 0.00	48.53 4.69 0.00	48.56 5.24 -0.01	54.23 6.28 -0.01	57.32 7.12 -0.02	68.14 7.94 -0.01	69.43 7.82 -0.01	71.22 7.63 -0.01	68.73 7.20 -0.01	59.14 6.00 -0.01	53.04 4.74 0.00	47.72 3.90 0.00
KEDC_GLWD_GT4 24219	36.73 3.28 0.00	31.23 2.81 0.00	28.40 2.30 0.00	29.54 2.41 0.00	28.39 2.44 0.00	29.51 2.48 0.00	28.47 2.61 0.00	31.66 2.93 0.00	35.41 3.45 -0.01	39.21 3.79 -0.01	43.11 3.74 0.00	44.55 3.79 0.00	45.07 4.06 0.00	48.22 4.38 0.00	48.09 4.76 -0.01	53.46 5.51 -0.01	55.95 5.77 -0.01	67.00 6.80 -0.01	68.33 6.72 -0.01	70.33 6.74 -0.01	67.88 6.34 -0.01	57.92 4.78 -0.01	52.31 4.01 0.00	47.59 3.77 0.00
KEDC_GLWD_GT5 24220	36.73 3.28 0.00	31.23 2.81 0.00	28.40 2.30 0.00	29.54 2.41 0.00	28.39 2.44 0.00	29.51 2.48 0.00	28.47 2.61 0.00	31.66 2.93 0.00	35.41 3.45 -0.01	39.21 3.79 -0.01	43.11 3.74 0.00	44.55 3.79 0.00	45.07 4.06 0.00	48.22 4.38 0.00	48.09 4.76 -0.01	53.46 5.51 -0.01	55.95 5.77 -0.01	67.00 6.80 -0.01	68.33 6.72 -0.01	70.33 6.74 -0.01	67.88 6.34 -0.01	57.92 4.78 -0.01	52.31 4.01 0.00	47.59 3.77 0.00
KENSICO____ 23655	36.26 2.81 0.00	30.80 2.39 0.00	28.11 2.01 0.00	29.27 2.14 0.00	28.14 2.18 0.00	29.26 2.24 0.00	28.09 2.22 0.00	31.25 2.53 0.00	34.86 2.91 0.00	38.57 3.15 0.00	42.52 3.15 0.00	44.02 3.26 0.00	44.37 3.36 0.00	47.43 3.59 0.00	47.30 3.99 0.00	52.64 4.70 0.00	55.54 5.37 0.00	66.63 6.44 0.00	68.01 6.41 0.00	70.00 6.42 0.00	67.56 6.03 0.00	57.64 4.52 0.00	52.26 3.96 0.00	47.19 3.37 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.16 2.71 0.00	30.78 2.36 0.00	28.11 2.01 0.00	29.21 2.09 0.00	28.11 2.15 0.00	29.24 2.22 0.00	27.96 2.09 0.00	31.08 2.36 0.00	34.67 2.72 0.00	38.35 2.94 0.00	42.36 2.99 0.00	43.89 3.14 0.00	44.17 3.16 0.00	47.34 3.51 0.00	47.00 3.68 0.00	52.25 4.31 0.00	54.64 4.47 0.00	65.61 5.42 0.00	67.15 5.54 0.00	69.30 5.72 0.00	67.50 5.97 0.00	57.91 4.78 0.00	52.51 4.20 0.00	47.37 3.55 0.00

KIAC_JFK_GT1 23816	36.56 3.11 0.00	31.00 2.59 0.00	28.27 2.17 0.00	29.43 2.31 0.00	28.29 2.34 0.00	29.45 2.43 0.00	28.37 2.51 0.00	31.57 2.84 0.00	35.21 3.26 0.00	38.99 3.58 0.00	42.52 3.15 0.00	44.02 3.26 0.00	44.37 3.36 0.00	47.47 3.64 0.00	47.39 4.07 0.00	52.78 4.84 0.00	55.64 5.47 0.00	66.75 6.56 0.00	68.19 6.59 0.00	70.13 6.55 0.00	67.74 6.21 0.00	57.70 4.57 0.00	52.70 4.40 0.00	47.54 3.72 0.00
KIAC_JFK_GT2 23817	36.56 3.11 0.00	31.00 2.59 0.00	28.27 2.17 0.00	29.43 2.31 0.00	28.29 2.34 0.00	29.45 2.43 0.00	28.37 2.51 0.00	31.57 2.84 0.00	35.21 3.26 0.00	38.99 3.58 0.00	42.52 3.15 0.00	44.02 3.26 0.00	44.37 3.36 0.00	47.47 3.64 0.00	47.39 4.07 0.00	52.78 4.84 0.00	55.64 5.47 0.00	66.75 6.56 0.00	68.19 6.59 0.00	70.13 6.55 0.00	67.74 6.21 0.00	57.70 4.57 0.00	52.70 4.40 0.00	47.54 3.72 0.00
KIAC_JFK____ 323774	36.56 3.11 0.00	31.00 2.59 0.00	28.27 2.17 0.00	29.43 2.30 0.00	28.26 2.31 0.00	29.45 2.43 0.00	28.37 2.51 0.00	31.57 2.84 0.00	35.21 3.26 0.00	38.99 3.58 0.00	42.52 3.15 0.00	44.02 3.26 0.00	44.37 3.36 0.00	47.47 3.64 0.00	47.39 4.07 0.00	52.73 4.79 0.00	55.59 5.42 0.00	66.45 6.26 0.00	67.76 6.16 0.00	69.69 6.10 0.00	67.38 5.85 0.00	57.32 4.20 0.00	52.46 4.15 0.00	47.41 3.59 0.00
KINTIGH__24_KV_GSU 356498	33.38 -0.07 0.00	28.79 0.37 0.00	26.42 0.31 0.00	27.07 -0.05 0.00	25.54 -0.42 0.00	26.64 -0.38 0.00	25.94 0.08 0.00	28.64 -0.09 0.00	31.92 -0.03 0.00	35.59 0.18 0.00	39.84 0.47 0.00	41.33 0.57 0.00	41.58 0.57 0.00	44.53 0.70 0.00	43.45 0.13 0.00	47.61 -0.33 0.00	49.52 -0.65 0.00	59.65 -0.54 0.00	60.87 -0.74 0.00	63.45 -0.13 0.00	61.28 -0.25 0.00	53.08 -0.05 0.00	48.69 0.38 0.00	44.34 0.53 0.00
KINTIGH____ 23543	33.38 -0.07 0.00	28.79 0.37 0.00	26.42 0.31 0.00	27.07 -0.05 0.00	25.49 -0.47 0.00	26.64 -0.38 0.00	25.94 0.08 0.00	28.64 -0.09 0.00	31.92 -0.03 0.00	35.59 0.18 0.00	39.84 0.47 0.00	41.37 0.61 0.00	41.58 0.57 0.00	44.53 0.70 0.00	43.45 0.13 0.00	47.46 -0.48 0.00	49.27 -0.90 0.00	58.68 -1.50 0.00	60.25 -1.36 0.00	63.07 -0.51 0.00	60.61 -0.92 0.00	52.01 -1.12 0.00	48.06 -0.24 0.00	43.99 0.18 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.41 -1.04 0.00	27.37 -1.05 0.00	25.16 -0.94 0.00	26.12 -1.00 0.00	25.00 -0.96 0.00	25.91 -1.11 0.00	24.91 -0.96 0.00	27.81 -0.92 0.00	31.12 -0.83 0.00	34.74 -0.67 0.00	38.74 -0.63 0.00	40.19 -0.57 0.00	40.56 -0.45 0.00	43.35 -0.48 0.00	42.75 -0.56 0.00	47.22 -0.72 0.00	49.22 -0.95 0.00	58.86 -1.32 0.00	60.19 -1.42 0.00	62.25 -1.34 0.00	60.73 -0.80 0.00	53.24 0.11 0.00	48.40 0.10 0.00	43.86 0.04 0.00
LACHUTE____HYDRO 323717	37.80 4.35 0.00	32.11 3.69 0.00	29.08 2.97 0.00	30.35 3.23 0.00	28.99 3.04 0.00	30.43 3.40 0.00	28.99 3.13 0.00	31.71 2.99 0.00	35.31 3.35 0.00	39.03 3.61 0.00	41.73 2.36 0.00	43.04 2.28 0.00	42.94 1.93 0.00	45.76 1.93 0.00	45.48 2.16 0.00	50.86 2.92 0.00	53.33 3.16 0.00	64.46 4.27 0.00	67.21 5.61 0.00	69.82 6.23 0.00	67.93 6.40 0.00	58.65 5.53 0.00	53.42 5.12 0.00	48.37 4.56 0.00
LAWRNCAY_115KV_TB1 80681	32.45 -1.00 0.00	27.45 -0.97 0.00	25.27 -0.84 0.00	26.23 -0.90 0.00	25.18 -0.78 0.00	26.08 -0.95 0.00	25.01 -0.85 0.00	27.84 -0.89 0.00	31.02 -0.93 0.00	34.56 -0.85 0.00	38.54 -0.83 0.00	39.90 -0.86 0.00	40.23 -0.78 0.00	43.00 -0.83 0.00	42.41 -0.91 0.00	46.89 -1.05 0.00	48.92 -1.25 0.00	58.56 -1.63 0.00	60.06 -1.54 0.00	62.18 -1.40 0.00	60.61 -0.92 0.00	52.97 -0.16 0.00	48.06 -0.24 0.00	43.64 -0.18 0.00
LEDERLE____ 23769	36.33 2.88 0.00	30.89 2.47 0.00	28.19 2.09 0.00	29.32 2.20 0.00	28.19 2.23 0.00	29.32 2.30 0.00	28.11 2.25 0.00	31.28 2.56 0.00	34.89 2.94 0.00	38.64 3.22 0.00	42.64 3.27 0.00	44.14 3.38 0.00	44.45 3.44 0.00	47.60 3.77 0.00	47.39 4.07 0.00	52.69 4.75 0.00	55.39 5.22 0.00	66.45 6.26 0.00	67.89 6.28 0.00	69.94 6.36 0.00	67.68 6.15 0.00	57.80 4.68 0.00	52.46 4.15 0.00	47.32 3.51 0.00
LIGHTHSE_115KV_TB6 355974	33.52 0.07 0.00	28.53 0.11 0.00	26.21 0.10 0.00	27.15 0.03 0.00	25.98 0.03 0.00	27.08 0.05 0.00	25.86 0.00 0.00	28.75 0.03 0.00	31.95 0.00 0.00	35.45 -0.11 -0.15	41.30 -0.04 -1.98	42.86 -0.12 -2.23	43.03 -0.25 -2.27	46.13 -0.31 -2.60	45.47 -0.35 -2.50	50.73 -0.48 -3.27	49.42 -0.75 0.00	59.41 -0.78 0.00	61.17 -0.43 0.00	68.08 -0.06 -4.56	65.97 0.06 -4.38	56.58 0.16 -3.30	51.68 0.19 -3.18	47.03 0.44 -2.78
LINDEN COGEN____ 23786	36.36 2.91 0.00	30.86 2.44 0.00	28.14 2.04 0.00	29.32 2.20 0.00	28.16 2.20 0.00	29.29 2.27 0.00	28.22 2.35 0.00	31.37 2.64 0.00	34.95 3.00 0.00	38.71 3.29 0.00	42.68 3.31 0.00	44.14 3.38 0.00	44.49 3.48 0.00	47.56 3.72 0.00	47.43 4.12 0.00	52.69 4.75 0.00	55.39 5.22 0.00	66.27 6.08 0.00	67.58 5.97 0.00	69.50 5.91 0.00	67.19 5.66 0.00	57.22 4.09 0.00	52.17 3.87 0.00	47.28 3.46 0.00
LINDHRST_69_KV_BK1 356055	37.30 3.85 0.00	31.77 3.35 0.00	28.77 2.66 0.00	29.83 2.71 0.00	28.76 2.80 0.00	29.80 2.78 0.00	28.94 3.08 0.00	32.12 3.39 0.00	36.07 4.12 0.00	39.98 4.57 0.00	43.54 4.17 0.00	44.87 4.12 0.00	45.60 4.59 0.00	48.74 4.91 0.00	48.69 5.37 0.00	54.41 6.47 0.00	57.45 7.27 0.00	68.80 8.61 0.00	70.29 8.69 0.00	72.23 8.65 0.00	69.71 8.18 0.00	59.56 6.43 0.00	53.67 5.36 0.00	48.16 4.34 0.00
LIPA_MISC_IPP 23656	36.73 3.28 0.00	31.46 3.04 0.00	28.45 2.35 0.00	29.43 2.31 0.00	28.37 2.41 0.00	29.37 2.35 0.00	28.79 2.92 0.00	31.80 3.07 0.00	35.75 3.80 0.00	39.56 4.14 0.00	42.91 3.54 0.00	44.22 3.46 0.00	45.03 4.02 0.00	48.22 4.38 0.00	48.21 4.89 0.00	53.98 6.04 0.00	57.11 6.92 -0.01	68.31 8.13 0.00	69.80 8.19 0.00	71.59 8.01 0.00	68.97 7.44 0.00	58.97 5.84 0.00	53.04 4.73 0.00	47.50 3.68 0.00
LISF____SOLAR 323691	36.79 3.34 0.00	31.51 3.10 0.00	28.50 2.40 0.00	29.46 2.33 0.00	28.39 2.44 0.00	29.43 2.40 0.00	28.86 3.00 0.00	31.86 3.13 0.00	35.82 3.86 -0.01	39.63 4.21 -0.01	43.03 3.66 0.00	44.30 3.54 0.00	45.11 4.10 0.00	48.31 4.47 0.00	48.35 5.02 -0.01	54.04 6.09 -0.01	57.12 6.93 -0.02	68.32 8.12 -0.01	69.68 8.07 -0.01	71.41 7.82 -0.01	68.92 7.38 -0.01	58.93 5.79 -0.01	52.84 4.54 0.00	47.54 3.72 0.00
LITTLE FALLS____HYD 24013	33.01 -0.43 0.00	28.10 -0.31 0.00	25.84 -0.26 0.00	26.82 -0.30 0.00	25.75 -0.21 0.00	26.83 -0.19 0.00	25.63 -0.23 0.00	28.50 -0.23 0.00	31.73 -0.22 0.00	35.20 -0.21 0.00	39.09 -0.28 0.00	40.47 -0.29 0.00	40.72 -0.29 0.00	43.44 -0.39 0.00	42.97 -0.35 0.00	47.60 -0.34 0.00	49.77 -0.40 0.00	59.77 -0.42 0.00	61.23 -0.37 0.00	63.26 -0.32 0.00	61.16 -0.37 0.00	52.97 -0.16 0.00	48.11 -0.19 0.00	43.64 -0.18 0.00

LITTLRIV_115KV_TB1 356100	32.75 -0.70 0.00	27.71 -0.71 0.00	25.48 -0.63 0.00	26.42 -0.71 0.00	25.41 -0.55 0.00	26.32 -0.70 0.00	25.19 -0.67 0.00	28.01 -0.72 0.00	31.18 -0.77 0.00	34.71 -0.71 0.00	38.70 -0.67 0.00	40.06 -0.69 0.00	40.39 -0.62 0.00	43.13 -0.70 0.00	42.54 -0.78 0.00	47.03 -0.91 0.00	49.12 -1.05 0.00	58.93 -1.26 0.00	60.49 -1.11 0.00	62.82 -0.76 0.00	61.28 -0.25 0.00	53.66 0.53 0.00	48.64 0.34 0.00	44.17 0.35 0.00
LI_NEWBRDGE___DRP 323616	36.69 3.24 0.00	31.23 2.81 0.00	28.32 2.22 0.00	29.40 2.28 0.00	28.34 2.39 0.00	29.37 2.35 0.00	28.45 2.59 0.00	31.60 2.87 0.00	35.43 3.48 0.00	39.20 3.79 0.00	42.83 3.46 0.00	44.14 3.38 0.00	44.78 3.77 0.00	47.91 4.08 0.00	47.78 4.46 0.00	53.26 5.32 0.00	56.14 5.97 0.00	67.29 7.10 0.00	68.75 7.15 0.00	70.77 7.18 0.00	68.30 6.77 0.00	58.34 5.21 0.00	52.65 4.35 0.00	47.32 3.51 0.00
LOCKPORT_115KV_TB60_63_64 80432	33.32 -0.13 0.00	28.81 0.40 0.00	26.47 0.37 0.00	27.01 -0.11 0.00	25.38 -0.57 0.00	26.53 -0.49 0.00	25.94 0.08 0.00	28.58 -0.14 0.00	31.89 -0.06 0.00	35.59 0.18 0.00	39.84 0.47 0.00	41.41 0.65 0.00	41.66 0.66 0.00	44.62 0.79 0.00	43.45 0.13 0.00	47.32 -0.62 0.00	49.07 -1.10 0.00	58.38 -1.81 0.00	59.94 -1.66 0.00	63.07 -0.51 0.00	60.61 -0.92 0.00	51.96 -1.17 0.00	48.21 -0.10 0.00	44.17 0.35 0.00
LOCKPORT___CC1 323769	33.25 -0.20 0.00	28.79 0.37 0.00	26.44 0.34 0.00	26.99 -0.13 0.00	25.41 -0.55 0.00	26.54 -0.49 0.00	25.91 0.05 0.00	28.55 -0.17 0.00	31.86 -0.10 0.00	35.56 0.14 0.00	39.80 0.43 0.00	41.37 0.61 0.00	41.62 0.62 0.00	44.58 0.74 0.00	43.36 0.04 0.00	47.46 -0.48 0.00	49.27 -0.90 0.00	59.47 -0.72 0.00	60.68 -0.92 0.00	63.52 -0.06 0.00	61.34 -0.18 0.00	53.13 0.00 0.00	48.93 0.63 0.00	44.61 0.79 0.00
LOCKPORT___CC2 323770	33.25 -0.20 0.00	28.79 0.37 0.00	26.44 0.34 0.00	26.99 -0.13 0.00	25.41 -0.55 0.00	26.54 -0.49 0.00	25.91 0.05 0.00	28.55 -0.17 0.00	31.86 -0.10 0.00	35.56 0.14 0.00	39.80 0.43 0.00	41.37 0.61 0.00	41.62 0.62 0.00	44.58 0.74 0.00	43.36 0.04 0.00	47.46 -0.48 0.00	49.27 -0.90 0.00	59.47 -0.72 0.00	60.68 -0.92 0.00	63.52 -0.06 0.00	61.34 -0.18 0.00	53.13 0.00 0.00	48.93 0.63 0.00	44.61 0.79 0.00
LOCKPORT___CC3 323771	33.25 -0.20 0.00	28.79 0.37 0.00	26.44 0.34 0.00	26.99 -0.13 0.00	25.41 -0.55 0.00	26.54 -0.49 0.00	25.91 0.05 0.00	28.55 -0.17 0.00	31.86 -0.10 0.00	35.56 0.14 0.00	39.80 0.43 0.00	41.37 0.61 0.00	41.62 0.62 0.00	44.58 0.74 0.00	43.36 0.04 0.00	47.46 -0.48 0.00	49.27 -0.90 0.00	59.47 -0.72 0.00	60.68 -0.92 0.00	63.52 -0.06 0.00	61.34 -0.18 0.00	53.13 0.00 0.00	48.93 0.63 0.00	44.61 0.79 0.00
LOCUSVLY_69_KV_BK2 55797	36.93 3.48 0.00	31.40 2.98 0.00	28.53 2.43 0.00	29.65 2.52 0.00	28.53 2.57 0.00	29.59 2.57 0.00	28.60 2.74 0.00	31.80 3.07 0.00	35.63 3.67 0.00	39.49 4.07 0.00	43.27 3.90 0.00	44.63 3.87 0.00	45.23 4.22 0.00	48.39 4.56 0.00	48.30 4.98 0.00	53.74 5.80 0.00	56.69 6.52 0.00	67.95 7.76 0.00	69.36 7.76 0.00	71.34 7.76 0.00	68.85 7.32 0.00	58.76 5.63 0.00	53.18 4.88 0.00	47.80 3.99 0.00
LONG_LAKE_PHOENIX 24014	33.11 -0.33 0.00	28.22 -0.20 0.00	25.90 -0.21 0.00	26.88 -0.24 0.00	25.67 -0.29 0.00	26.75 -0.27 0.00	25.60 -0.26 0.00	28.47 -0.26 0.00	31.66 -0.29 0.00	35.18 -0.46 -0.23	41.98 -0.43 -3.04	43.78 -0.41 -3.43	44.06 -0.45 -3.50	47.36 -0.48 -4.01	46.69 -0.48 -3.85	52.32 -0.67 -5.05	49.37 -0.80 0.00	59.23 -0.96 0.00	60.74 -0.86 0.00	69.91 -0.70 -7.03	67.47 -0.80 -6.75	57.47 -0.74 -5.08	52.58 -0.63 -4.90	47.66 -0.44 -4.28
LOVETT___3 23632	36.13 2.68 0.00	30.69 2.27 0.00	28.04 1.93 0.00	29.18 2.06 0.00	28.03 2.08 0.00	29.16 2.13 0.00	27.98 2.12 0.00	31.14 2.41 0.00	34.70 2.75 0.00	38.39 2.97 0.00	42.36 2.99 0.00	43.81 3.06 0.00	44.17 3.16 0.00	47.21 3.38 0.00	47.04 3.73 0.00	52.35 4.41 0.00	55.14 4.97 0.00	66.15 5.96 0.00	67.58 5.98 0.00	69.56 5.98 0.00	67.19 5.66 0.00	57.38 4.25 0.00	52.07 3.77 0.00	47.02 3.20 0.00
LOVETT___4 23642	36.13 2.68 0.00	30.69 2.27 0.00	28.04 1.93 0.00	29.18 2.06 0.00	28.03 2.08 0.00	29.16 2.13 0.00	27.98 2.12 0.00	31.14 2.41 0.00	34.70 2.75 0.00	38.39 2.97 0.00	42.36 2.99 0.00	43.81 3.06 0.00	44.17 3.16 0.00	47.21 3.38 0.00	47.04 3.73 0.00	52.35 4.41 0.00	55.14 4.97 0.00	66.15 5.96 0.00	67.58 5.98 0.00	69.56 5.98 0.00	67.19 5.66 0.00	57.38 4.25 0.00	52.07 3.77 0.00	47.02 3.20 0.00
LOVETT___5 23593	36.13 2.68 0.00	30.69 2.27 0.00	28.04 1.93 0.00	29.18 2.06 0.00	28.03 2.08 0.00	29.16 2.13 0.00	27.98 2.12 0.00	31.14 2.41 0.00	34.70 2.75 0.00	38.39 2.97 0.00	42.36 2.99 0.00	43.81 3.06 0.00	44.17 3.16 0.00	47.21 3.38 0.00	47.04 3.73 0.00	52.35 4.41 0.00	55.14 4.97 0.00	66.15 5.96 0.00	67.58 5.98 0.00	69.56 5.98 0.00	67.19 5.66 0.00	57.38 4.25 0.00	52.07 3.77 0.00	47.02 3.20 0.00
LOWER RAQUET___HYD 24057	32.41 -1.04 0.00	27.42 -1.00 0.00	25.24 -0.86 0.00	26.20 -0.92 0.00	25.15 -0.80 0.00	26.05 -0.97 0.00	24.96 -0.91 0.00	27.81 -0.92 0.00	30.99 -0.96 0.00	34.53 -0.88 0.00	38.50 -0.87 0.00	39.86 -0.90 0.00	40.19 -0.82 0.00	42.91 -0.92 0.00	42.36 -0.95 0.00	46.79 -1.15 0.00	48.82 -1.35 0.00	58.50 -1.68 0.00	60.06 -1.54 0.00	62.24 -1.34 0.00	60.67 -0.86 0.00	53.08 -0.05 0.00	48.16 -0.14 0.00	43.69 -0.13 0.00
LOWER___HUDSON 24059	35.29 1.84 0.00	30.01 1.59 0.00	27.49 1.38 0.00	28.61 1.49 0.00	27.41 1.45 0.00	28.56 1.54 0.00	27.28 1.42 0.00	30.33 1.61 0.00	33.71 1.76 0.00	37.15 1.73 0.00	40.90 1.53 0.00	42.22 1.47 0.00	42.40 1.40 0.00	45.28 1.44 0.00	45.00 1.69 0.00	49.95 2.01 0.00	52.48 2.31 0.00	63.02 2.83 0.00	64.50 2.90 0.00	66.57 2.99 0.00	64.36 2.83 0.00	55.31 2.18 0.00	50.24 1.93 0.00	45.48 1.66 0.00
LOWVILLE_115KV_TB2 356335	33.58 0.13 0.00	28.56 0.14 0.00	26.18 0.08 0.00	27.15 0.03 0.00	26.11 0.16 0.00	27.13 0.11 0.00	25.84 -0.03 0.00	28.70 -0.03 0.00	31.92 -0.03 0.00	35.38 -0.07 -0.04	39.75 -0.12 -0.50	41.08 -0.24 -0.57	41.26 -0.33 -0.58	44.10 -0.39 -0.66	43.61 -0.35 -0.64	48.34 -0.43 -0.83	49.67 -0.50 0.00	59.83 -0.36 0.00	61.79 0.18 0.00	65.44 0.70 -1.16	64.18 1.54 -1.11	55.67 1.70 -0.84	50.51 1.40 -0.81	45.93 1.40 -0.71
LUTHERFT_115KV_GLOB_FND_222 355753	35.69 2.24 0.00	30.35 1.93 0.00	27.75 1.64 0.00	28.91 1.79 0.00	27.67 1.71 0.00	28.86 1.84 0.00	27.54 1.68 0.00	30.48 1.75 0.00	33.90 1.95 0.00	37.40 1.98 0.00	40.90 1.54 0.00	42.26 1.51 0.00	42.40 1.39 0.00	45.28 1.45 0.00	44.96 1.65 0.00	50.05 2.11 0.00	52.53 2.36 0.00	63.20 3.01 0.00	64.99 3.39 0.00	67.08 3.50 0.00	64.97 3.45 0.00	56.00 2.87 0.00	50.86 2.56 0.00	46.05 2.23 0.00

LUTHERNY_35_KV_BK2 355980	35.69 2.24 0.00	30.35 1.93 0.00	27.75 1.64 0.00	28.91 1.79 0.00	27.67 1.71 0.00	28.89 1.86 0.00	27.57 1.71 0.00	30.51 1.78 0.00	33.90 1.95 0.00	37.40 1.98 0.00	40.94 1.57 0.00	42.26 1.51 0.00	42.40 1.39 0.00	45.32 1.49 0.00	44.96 1.65 0.00	50.05 2.11 0.00	52.58 2.41 0.00	63.20 3.01 0.00	64.99 3.39 0.00	67.14 3.56 0.00	65.04 3.51 0.00	56.05 2.92 0.00	50.91 2.61 0.00	46.10 2.28 0.00
LWR___OSWEGATCHIE_HYD 23850	32.95 -0.50 0.00	27.96 -0.45 0.00	25.66 -0.44 0.00	26.61 -0.52 0.00	25.59 -0.36 0.00	26.51 -0.51 0.00	25.32 -0.54 0.00	28.12 -0.60 0.00	31.31 -0.64 0.00	34.81 -0.64 -0.03	39.16 -0.67 -0.46	40.54 -0.73 -0.52	40.80 -0.74 -0.53	43.61 -0.83 -0.61	43.08 -0.82 -0.59	47.75 -0.96 -0.77	49.02 -1.15 0.00	58.93 -1.26 0.00	60.74 -0.86 0.00	64.14 -0.51 -1.07	62.68 0.12 -1.02	54.54 0.64 -0.77	49.48 0.43 -0.74	44.99 0.53 -0.65
LYONS_FALL_HYD 23570	33.82 0.37 0.00	28.76 0.34 0.00	26.39 0.29 0.00	27.37 0.24 0.00	26.29 0.34 0.00	27.35 0.33 0.00	26.07 0.21 0.00	28.98 0.26 0.00	32.24 0.29 0.00	35.72 0.28 -0.02	40.00 0.31 -0.32	41.32 0.20 -0.36	41.54 0.16 -0.37	44.34 0.09 -0.42	43.89 0.17 -0.40	48.61 0.14 -0.53	50.27 0.10 0.00	60.55 0.36 0.00	62.34 0.74 0.00	65.46 1.15 -0.74	63.90 1.66 -0.71	55.36 1.70 -0.53	50.22 1.40 -0.51	45.63 1.36 -0.45
MADISON___COUNTY_LFGE 323628	34.39 0.94 0.00	29.30 0.88 0.00	26.89 0.78 0.00	27.85 0.73 0.00	26.71 0.75 0.00	27.83 0.81 0.00	26.56 0.70 0.00	29.53 0.80 0.00	32.88 0.93 0.00	36.37 0.96 0.00	40.47 1.10 0.00	41.86 1.10 0.00	42.03 1.03 0.00	44.93 1.10 0.00	44.40 1.08 0.00	49.09 1.15 0.00	51.38 1.20 0.00	61.75 1.56 0.00	63.45 1.85 0.00	65.87 2.29 0.00	63.68 2.15 0.00	55.09 1.97 0.00	50.04 1.74 0.00	45.44 1.62 0.00
MALONE___115KV_TB1 356076	32.31 -1.14 0.00	27.31 -1.11 0.00	25.11 -0.99 0.00	26.06 -1.06 0.00	24.97 -0.99 0.00	25.86 -1.16 0.00	24.88 -0.98 0.00	27.75 -0.98 0.00	31.02 -0.93 0.00	34.63 -0.78 0.00	38.66 -0.71 0.00	40.06 -0.69 0.00	40.43 -0.57 0.00	43.22 -0.61 0.00	42.67 -0.65 0.00	47.08 -0.86 0.00	49.07 -1.10 0.00	58.68 -1.50 0.00	60.06 -1.54 0.00	62.12 -1.46 0.00	60.73 -0.80 0.00	53.24 0.11 0.00	48.30 0.00 0.00	43.77 -0.04 0.00
MAPLEWOD_115KV_TB3 80458	34.72 1.27 0.00	29.52 1.11 0.00	27.07 0.97 0.00	28.18 1.06 0.00	26.99 1.04 0.00	28.13 1.11 0.00	26.85 0.98 0.00	29.73 1.01 0.00	33.04 1.09 0.00	36.55 1.13 0.00	40.31 0.94 0.00	41.65 0.90 0.00	41.91 0.90 0.00	44.84 1.01 0.00	44.49 1.17 0.00	49.47 1.53 0.00	51.88 1.71 0.00	62.30 2.11 0.00	63.82 2.22 0.00	65.81 2.23 0.00	63.68 2.15 0.00	54.83 1.70 0.00	49.80 1.50 0.00	45.09 1.27 0.00
MAPLE_RIDGE_WT_1 323574	32.41 -1.04 0.00	27.51 -0.91 0.00	25.30 -0.81 0.00	26.28 -0.84 0.00	25.18 -0.78 0.00	26.21 -0.81 0.00	25.09 -0.78 0.00	27.92 -0.80 0.00	31.12 -0.83 0.00	34.60 -0.81 0.00	38.50 -0.87 0.00	39.90 -0.86 0.00	40.19 -0.82 0.00	42.96 -0.88 0.00	42.49 -0.82 0.00	47.03 -0.91 0.00	49.22 -0.95 0.00	59.04 -1.15 0.00	60.50 -1.11 0.00	62.56 -1.02 0.00	60.67 -0.86 0.00	52.55 -0.58 0.00	47.77 -0.53 0.00	43.34 -0.48 0.00
MAPLE_RIDGE_WT_2 323611	32.41 -1.04 0.00	27.51 -0.91 0.00	25.30 -0.81 0.00	26.28 -0.84 0.00	25.18 -0.78 0.00	26.21 -0.81 0.00	25.09 -0.78 0.00	27.92 -0.80 0.00	31.12 -0.83 0.00	34.60 -0.81 0.00	38.50 -0.87 0.00	39.90 -0.86 0.00	40.19 -0.82 0.00	42.96 -0.88 0.00	42.49 -0.82 0.00	47.03 -0.91 0.00	49.22 -0.95 0.00	59.04 -1.15 0.00	60.50 -1.11 0.00	62.56 -1.02 0.00	60.67 -0.86 0.00	52.55 -0.58 0.00	47.77 -0.53 0.00	43.34 -0.48 0.00
MARBLE_RIVER_WT_PWR 323696	32.05 -1.40 0.00	27.08 -1.34 0.00	24.85 -1.25 0.00	25.82 -1.30 0.00	24.71 -1.25 0.00	25.67 -1.35 0.00	24.62 -1.24 0.00	27.49 -1.23 0.00	30.74 -1.21 0.00	34.32 -1.10 0.00	38.27 -1.10 0.00	39.66 -1.10 0.00	40.02 -0.98 0.00	42.74 -1.09 0.00	42.15 -1.17 0.00	46.55 -1.39 0.00	48.56 -1.61 0.00	58.14 -2.05 0.00	59.51 -2.09 0.00	61.42 -2.16 0.00	59.87 -1.66 0.00	52.33 -0.80 0.00	47.58 -0.72 0.00	43.16 -0.66 0.00
MARSHVLE_115KV_TB1 80742	36.43 2.98 0.00	30.97 2.56 0.00	28.32 2.22 0.00	29.48 2.36 0.00	28.21 2.26 0.00	29.45 2.43 0.00	28.04 2.17 0.00	30.85 2.13 0.00	34.19 2.24 0.00	37.79 2.37 0.00	41.81 2.44 0.00	43.08 2.32 0.00	43.18 2.17 0.00	46.29 2.45 0.00	45.92 2.60 0.00	50.96 3.02 0.00	53.43 3.26 0.00	64.46 4.27 0.00	66.59 4.99 0.00	69.37 5.79 0.00	67.31 5.78 0.00	58.12 4.99 0.00	52.80 4.49 0.00	47.85 4.03 0.00
MARSH_HILL_WT_PWR 323713	32.85 -0.60 0.00	28.25 -0.17 0.00	26.03 -0.08 0.00	26.77 -0.35 0.00	25.41 -0.55 0.00	26.64 -0.38 0.00	25.81 -0.05 0.00	28.61 -0.11 0.00	31.82 -0.13 0.00	35.31 -0.11 0.00	39.57 0.20 0.00	41.16 0.41 0.00	41.33 0.33 0.00	44.18 0.35 0.00	43.10 -0.22 0.00	47.17 -0.77 0.00	49.32 -0.85 0.00	59.77 -0.42 0.00	61.54 -0.06 0.00	65.04 1.46 0.00	63.25 1.72 0.00	54.83 1.70 0.00	50.19 1.88 0.00	45.88 2.06 0.00
MCINTYRE_115KV_TB2 80467	32.88 -0.57 0.00	27.82 -0.60 0.00	25.58 -0.52 0.00	26.53 -0.60 0.00	25.51 -0.44 0.00	26.43 -0.59 0.00	25.29 -0.57 0.00	28.07 -0.66 0.00	31.22 -0.73 0.00	34.74 -0.67 0.00	38.70 -0.67 0.00	40.06 -0.69 0.00	40.39 -0.62 0.00	43.13 -0.70 0.00	42.54 -0.78 0.00	47.08 -0.86 0.00	49.12 -1.05 0.00	58.99 -1.20 0.00	60.68 -0.92 0.00	63.07 -0.51 0.00	61.53 0.00 0.00	53.87 0.74 0.00	48.79 0.48 0.00	44.34 0.53 0.00
MECO_____69_KV_BK1 80468	36.59 3.14 0.00	31.12 2.70 0.00	28.38 2.27 0.00	29.59 2.47 0.00	28.29 2.34 0.00	29.56 2.54 0.00	28.16 2.30 0.00	31.00 2.27 0.00	34.38 2.43 0.00	38.00 2.59 0.00	41.97 2.60 0.00	43.24 2.49 0.00	43.35 2.34 0.00	46.42 2.59 0.00	46.05 2.73 0.00	51.20 3.26 0.00	53.73 3.56 0.00	64.82 4.63 0.00	66.90 5.30 0.00	69.49 5.91 0.00	67.44 5.91 0.00	58.23 5.10 0.00	52.89 4.59 0.00	47.94 4.12 0.00
MENANDS___115KV_TB5 355628	34.52 1.07 0.00	29.38 0.97 0.00	26.94 0.84 0.00	28.07 0.95 0.00	26.89 0.93 0.00	27.99 0.97 0.00	26.72 0.85 0.00	29.62 0.89 0.00	32.91 0.96 0.00	36.37 0.96 0.00	40.16 0.79 0.00	41.49 0.73 0.00	41.71 0.70 0.00	44.62 0.79 0.00	44.31 1.00 0.00	49.23 1.29 0.00	51.63 1.45 0.00	61.99 1.81 0.00	63.45 1.85 0.00	65.42 1.84 0.00	63.31 1.78 0.00	54.51 1.38 0.00	49.51 1.21 0.00	44.82 1.01 0.00
MG INDUSTRY___DRP 24185	34.55 1.10 0.00	29.41 0.99 0.00	26.99 0.89 0.00	28.13 1.00 0.00	26.94 0.99 0.00	28.05 1.03 0.00	26.74 0.88 0.00	29.59 0.86 0.00	32.81 0.86 0.00	36.23 0.81 0.00	40.04 0.67 0.00	41.33 0.57 0.00	41.58 0.57 0.00	44.45 0.61 0.00	44.14 0.82 0.00	49.04 1.10 0.00	51.43 1.25 0.00	61.81 1.63 0.00	63.27 1.66 0.00	65.36 1.78 0.00	63.25 1.72 0.00	54.56 1.43 0.00	49.61 1.30 0.00	44.96 1.14 0.00

MID___OSWEGATCHIE_HYD 23849	32.95 -0.50 0.00	27.96 -0.45 0.00	25.66 -0.44 0.00	26.61 -0.52 0.00	25.59 -0.36 0.00	26.51 -0.51 0.00	25.32 -0.54 0.00	28.12 -0.60 0.00	31.31 -0.64 0.00	34.81 -0.64 -0.03	39.16 -0.67 -0.46	40.54 -0.73 -0.52	40.80 -0.74 -0.53	43.61 -0.83 -0.61	43.08 -0.82 -0.59	47.75 -0.96 -0.77	49.02 -1.15 0.00	58.93 -1.26 0.00	60.74 -0.86 0.00	64.14 -0.51 -1.07	62.68 0.12 -1.02	54.54 0.64 -0.77	49.48 0.43 -0.74	44.99 0.53 -0.65
MID___RAQUETTE_HYD 23851	32.41 -1.04 0.00	27.42 -0.99 0.00	25.24 -0.86 0.00	26.20 -0.92 0.00	25.15 -0.80 0.00	26.05 -0.97 0.00	24.98 -0.88 0.00	27.81 -0.92 0.00	30.99 -0.96 0.00	34.53 -0.89 0.00	38.50 -0.87 0.00	39.86 -0.90 0.00	40.19 -0.82 0.00	42.91 -0.92 0.00	42.36 -0.95 0.00	46.79 -1.15 0.00	48.82 -1.35 0.00	58.50 -1.69 0.00	60.06 -1.54 0.00	62.18 -1.40 0.00	60.67 -0.86 0.00	53.08 -0.05 0.00	48.11 -0.19 0.00	43.69 -0.13 0.00
MILLIKEN___1 23584	34.29 0.84 0.00	29.24 0.82 0.00	26.86 0.76 0.00	27.83 0.71 0.00	26.55 0.60 0.00	27.72 0.70 0.00	26.56 0.70 0.00	29.56 0.83 0.00	32.88 0.93 0.00	36.32 0.89 -0.03	40.81 1.10 -0.34	42.33 1.18 -0.39	42.55 1.15 -0.40	45.51 1.23 -0.45	44.92 1.17 -0.43	49.61 1.10 -0.57	51.38 1.20 0.00	61.75 1.56 0.00	63.45 1.85 0.00	66.79 2.42 -0.79	64.44 2.15 -0.76	55.46 1.75 -0.57	50.55 1.69 -0.55	45.92 1.62 -0.48
MILLIKEN___2 23585	34.29 0.84 0.00	29.24 0.82 0.00	26.86 0.76 0.00	27.83 0.71 0.00	26.55 0.60 0.00	27.72 0.70 0.00	26.56 0.70 0.00	29.56 0.83 0.00	32.88 0.93 0.00	36.32 0.89 -0.03	40.81 1.10 -0.34	42.33 1.18 -0.39	42.55 1.15 -0.40	45.51 1.23 -0.45	44.92 1.17 -0.43	49.61 1.10 -0.57	51.38 1.20 0.00	61.75 1.56 0.00	63.45 1.85 0.00	66.79 2.42 -0.79	64.44 2.15 -0.76	55.46 1.75 -0.57	50.55 1.69 -0.55	45.92 1.62 -0.48
MILLIKEN___DIESEL 23629	34.29 0.84 0.00	29.24 0.82 0.00	26.86 0.76 0.00	27.83 0.71 0.00	26.55 0.60 0.00	27.72 0.70 0.00	26.56 0.70 0.00	29.56 0.83 0.00	32.88 0.93 0.00	36.32 0.89 -0.03	40.81 1.10 -0.34	42.33 1.18 -0.39	42.55 1.15 -0.40	45.51 1.23 -0.45	44.92 1.17 -0.43	49.61 1.10 -0.57	51.38 1.20 0.00	61.75 1.56 0.00	63.45 1.85 0.00	66.79 2.42 -0.79	64.44 2.15 -0.76	55.46 1.75 -0.57	50.55 1.69 -0.55	45.92 1.62 -0.48
MILLSEAT___LFGE 323607	33.95 0.50 0.00	29.33 0.91 0.00	26.91 0.81 0.00	27.50 0.38 0.00	25.93 -0.03 0.00	26.99 -0.03 0.00	26.33 0.47 0.00	29.07 0.35 0.00	32.46 0.51 0.00	36.23 0.82 0.00	40.67 1.30 0.00	42.27 1.51 0.00	42.48 1.47 0.00	45.46 1.62 0.00	44.27 0.95 0.00	48.52 0.58 0.00	50.32 0.15 0.00	60.79 0.60 0.00	61.97 0.37 0.00	64.79 1.21 0.00	62.69 1.17 0.00	54.56 1.44 0.00	50.09 1.79 0.00	45.52 1.71 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.19 2.74 0.00	30.75 2.33 0.00	28.06 1.96 0.00	29.24 2.12 0.00	28.08 2.13 0.00	29.21 2.19 0.00	28.04 2.17 0.00	31.20 2.47 0.00	34.76 2.81 0.00	38.46 3.05 0.00	42.44 3.07 0.00	43.89 3.14 0.00	44.25 3.24 0.00	47.30 3.46 0.00	47.17 3.86 0.00	52.49 4.55 0.00	55.34 5.17 0.00	66.45 6.26 0.00	67.82 6.22 0.00	69.81 6.23 0.00	67.37 5.85 0.00	57.54 4.41 0.00	52.17 3.86 0.00	47.10 3.29 0.00
MILLWOOD_13_KV_LOAD 356217	36.26 2.81 0.00	30.80 2.39 0.00	28.11 2.01 0.00	29.29 2.17 0.00	28.14 2.18 0.00	29.26 2.24 0.00	28.09 2.22 0.00	31.25 2.53 0.00	34.83 2.88 0.00	38.53 3.12 0.00	42.56 3.19 0.00	44.02 3.26 0.00	44.33 3.32 0.00	47.43 3.59 0.00	47.30 3.99 0.00	52.73 4.79 0.00	55.69 5.52 0.00	66.93 6.74 0.00	68.32 6.71 0.00	70.26 6.68 0.00	67.80 6.28 0.00	57.70 4.57 0.00	52.31 4.01 0.00	47.23 3.42 0.00
MODEL_CITY_ENERGY 24167	33.05 -0.40 0.00	28.59 0.17 0.00	26.26 0.16 0.00	26.82 -0.30 0.00	25.26 -0.70 0.00	26.35 -0.67 0.00	25.76 -0.10 0.00	28.38 -0.34 0.00	31.63 -0.32 0.00	35.31 -0.11 0.00	39.53 0.16 0.00	41.04 0.29 0.00	41.30 0.29 0.00	44.23 0.39 0.00	43.06 -0.26 0.00	47.12 -0.82 0.00	48.92 -1.25 0.00	59.04 -1.15 0.00	60.19 -1.41 0.00	62.95 -0.64 0.00	60.79 -0.74 0.00	52.65 -0.48 0.00	48.50 0.19 0.00	44.21 0.39 0.00
MODERN_LFGE___ 323580	33.05 -0.40 0.00	28.59 0.17 0.00	26.26 0.16 0.00	26.82 -0.30 0.00	25.26 -0.70 0.00	26.35 -0.67 0.00	25.76 -0.10 0.00	28.38 -0.34 0.00	31.63 -0.32 0.00	35.31 -0.11 0.00	39.53 0.16 0.00	41.04 0.29 0.00	41.30 0.29 0.00	44.23 0.39 0.00	43.06 -0.26 0.00	47.12 -0.82 0.00	48.92 -1.25 0.00	59.04 -1.15 0.00	60.19 -1.41 0.00	62.95 -0.64 0.00	60.79 -0.74 0.00	52.65 -0.48 0.00	48.50 0.19 0.00	44.21 0.39 0.00
MOHAWK_PAPER___DRP 24187	34.72 1.27 0.00	29.52 1.11 0.00	27.07 0.97 0.00	28.18 1.06 0.00	26.99 1.04 0.00	28.13 1.11 0.00	26.85 0.98 0.00	29.73 1.01 0.00	33.04 1.09 0.00	36.55 1.13 0.00	40.31 0.94 0.00	41.65 0.90 0.00	41.91 0.90 0.00	44.84 1.01 0.00	44.49 1.17 0.00	49.47 1.53 0.00	51.88 1.71 0.00	62.30 2.11 0.00	63.82 2.22 0.00	65.81 2.23 0.00	63.68 2.15 0.00	54.83 1.70 0.00	49.80 1.50 0.00	45.09 1.27 0.00
MOHICAN___35_KV_115KV_LD 80490	36.13 2.68 0.00	30.69 2.27 0.00	28.01 1.91 0.00	29.21 2.09 0.00	27.93 1.97 0.00	29.18 2.16 0.00	27.85 1.99 0.00	30.77 2.04 0.00	34.22 2.27 0.00	37.75 2.34 0.00	40.63 1.26 0.00	41.98 1.22 0.00	42.03 1.03 0.00	44.80 0.96 0.00	44.49 1.17 0.00	49.62 1.68 0.00	52.08 1.91 0.00	62.72 2.53 0.00	64.87 3.26 0.00	67.01 3.43 0.00	65.04 3.51 0.00	56.10 2.98 0.00	50.96 2.66 0.00	46.14 2.32 0.00
MONGAUP___HYD 23641	35.99 2.54 0.00	30.63 2.22 0.00	27.99 1.88 0.00	29.10 1.98 0.00	27.95 2.00 0.00	29.10 2.08 0.00	27.83 1.96 0.00	30.91 2.18 0.00	34.41 2.46 0.00	38.00 2.58 0.00	41.93 2.56 0.00	43.40 2.65 0.00	43.67 2.66 0.00	46.82 2.98 0.00	46.48 3.16 0.00	51.63 3.69 0.00	53.98 3.81 0.00	64.76 4.57 0.00	66.28 4.68 0.00	68.48 4.90 0.00	66.76 5.23 0.00	57.28 4.15 0.00	52.02 3.72 0.00	47.01 3.20 0.00
MONTAUK___DIESEL 23721	36.86 3.41 0.00	31.63 3.21 0.00	28.53 2.43 0.00	29.54 2.41 0.00	28.53 2.57 0.00	29.53 2.51 0.00	29.02 3.16 0.00	32.09 3.36 0.00	36.27 4.31 0.00	40.23 4.82 0.00	43.74 4.37 0.00	45.24 4.48 0.00	46.18 5.17 0.00	49.53 5.70 0.00	49.60 6.28 0.00	55.51 7.57 0.00	58.91 8.73 -0.01	70.60 10.41 0.00	72.01 10.41 0.00	73.56 9.98 0.00	70.51 8.98 0.00	59.98 6.85 0.00	53.62 5.31 0.00	48.51 4.69 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.68 -0.77 0.00	28.22 -0.20 0.00	26.13 0.03 0.00	26.66 -0.46 0.00	25.15 -0.80 0.00	26.37 -0.65 0.00	25.94 0.08 0.00	28.58 -0.14 0.00	32.05 0.10 0.00	35.87 0.46 0.00	40.04 0.67 0.00	41.53 0.77 0.00	41.71 0.70 0.00	44.58 0.75 0.00	43.40 0.09 0.00	47.46 -0.48 0.00	49.57 -0.60 0.00	59.23 -0.96 0.00	61.17 -0.43 0.00	64.98 1.40 0.00	62.57 1.05 0.00	53.66 0.53 0.00	49.75 1.45 0.00	45.48 1.67 0.00

MORRIS_RIDGE___SOLAR 323848	32.88 -0.57 0.00	28.33 -0.08 0.00	26.08 -0.03 0.00	26.80 -0.32 0.00	25.38 -0.57 0.00	26.59 -0.43 0.00	25.79 -0.08 0.00	28.47 -0.26 0.00	31.66 -0.29 0.00	35.09 -0.32 0.00	39.33 -0.04 0.00	40.96 0.20 0.00	41.17 0.16 0.00	44.05 0.22 0.00	42.75 -0.56 0.00	46.84 -1.10 0.00	48.82 -1.35 0.00	58.99 -1.20 0.00	60.55 -1.05 0.00	64.03 0.45 0.00	62.39 0.86 0.00	54.03 0.90 0.00	49.56 1.25 0.00	45.22 1.40 0.00
MORTIMER_115KV_TB3 55949	33.78 0.33 0.00	28.99 0.57 0.00	26.57 0.47 0.00	27.34 0.22 0.00	25.85 -0.10 0.00	26.94 -0.08 0.00	26.10 0.23 0.00	28.93 0.20 0.00	32.30 0.35 0.00	35.98 0.57 0.00	40.35 0.98 0.00	41.86 1.10 0.00	42.12 1.11 0.00	45.02 1.18 0.00	44.10 0.78 0.00	48.28 0.34 0.00	50.12 -0.05 0.00	59.83 -0.36 0.00	61.36 -0.25 0.00	63.90 0.32 0.00	61.65 0.12 0.00	53.18 0.05 0.00	48.79 0.48 0.00	44.52 0.70 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.46 3.01 0.00	30.97 2.56 0.00	28.25 2.14 0.00	29.40 2.28 0.00	28.27 2.31 0.00	29.37 2.35 0.00	28.24 2.38 0.00	31.43 2.70 0.00	35.02 3.07 0.00	38.74 3.33 0.00	42.75 3.39 0.00	44.22 3.46 0.00	44.58 3.57 0.00	47.65 3.81 0.00	47.52 4.20 0.00	52.88 4.94 0.00	55.74 5.57 0.00	66.87 6.68 0.00	68.26 6.65 0.00	70.26 6.68 0.00	67.80 6.28 0.00	57.86 4.73 0.00	52.55 4.25 0.00	47.50 3.68 0.00
MUNSVILLE_WIND_PWR 323609	35.42 1.97 0.00	30.29 1.88 0.00	27.80 1.70 0.00	28.78 1.65 0.00	27.75 1.79 0.00	28.97 1.95 0.00	27.60 1.73 0.00	30.77 2.04 0.00	34.38 2.43 0.00	38.07 2.66 0.00	42.36 2.99 0.00	43.81 3.06 0.00	44.04 3.03 0.00	46.95 3.11 0.00	46.52 3.21 0.00	51.34 3.40 0.00	53.73 3.56 0.00	64.89 4.70 0.00	66.96 5.36 0.00	70.00 6.42 0.00	67.62 6.09 0.00	58.82 5.69 0.00	53.33 5.02 0.00	48.55 4.73 0.00
N SALMON___HYD 24042	32.31 -1.14 0.00	27.31 -1.11 0.00	25.11 -0.99 0.00	26.06 -1.06 0.00	24.97 -0.99 0.00	25.86 -1.16 0.00	24.83 -1.04 0.00	27.75 -0.98 0.00	31.02 -0.93 0.00	34.63 -0.78 0.00	38.66 -0.71 0.00	40.06 -0.69 0.00	40.47 -0.53 0.00	43.22 -0.61 0.00	42.67 -0.65 0.00	47.08 -0.86 0.00	49.02 -1.15 0.00	58.62 -1.57 0.00	60.06 -1.54 0.00	62.18 -1.40 0.00	60.73 -0.80 0.00	53.29 0.16 0.00	48.35 0.05 0.00	43.77 -0.04 0.00
N.AKRON__115KV_KNAPP 355671	33.98 0.54 0.00	29.35 0.94 0.00	26.94 0.84 0.00	27.53 0.41 0.00	25.90 -0.05 0.00	27.02 0.00 0.00	26.35 0.49 0.00	29.10 0.37 0.00	32.49 0.54 0.00	36.30 0.89 0.00	40.71 1.34 0.00	42.31 1.55 0.00	42.53 1.52 0.00	45.50 1.67 0.00	44.31 1.00 0.00	48.32 0.38 0.00	50.07 -0.10 0.00	59.71 -0.48 0.00	61.36 -0.25 0.00	64.41 0.83 0.00	62.02 0.49 0.00	53.39 0.27 0.00	49.37 1.06 0.00	45.13 1.31 0.00
N.E_GEN_SANDY PD 24062	38.60 2.51 -2.64	46.13 2.16 -15.55	36.67 1.90 -8.66	40.14 2.01 -11.01	40.37 2.03 -12.39	32.70 2.08 -3.60	37.00 1.99 -9.15	31.14 2.41 0.00	34.64 2.68 0.00	38.07 2.66 0.00	41.97 2.60 0.00	43.33 2.57 0.00	43.55 2.54 0.00	46.46 2.63 0.00	46.22 2.90 0.00	51.25 3.31 0.00	54.04 3.86 0.00	64.82 4.63 0.00	66.16 4.56 0.00	68.16 4.58 0.00	65.77 4.24 0.00	56.16 3.03 0.00	50.96 2.65 0.00	46.05 2.23 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.19 2.74 0.00	30.78 2.36 0.00	28.09 1.98 0.00	29.24 2.12 0.00	28.08 2.13 0.00	29.21 2.19 0.00	28.01 2.15 0.00	31.17 2.44 0.00	34.76 2.81 0.00	38.46 3.05 0.00	42.44 3.07 0.00	43.94 3.18 0.00	44.29 3.28 0.00	47.38 3.55 0.00	47.17 3.86 0.00	52.45 4.51 0.00	55.19 5.02 0.00	66.21 6.02 0.00	67.64 6.04 0.00	69.68 6.10 0.00	67.37 5.85 0.00	57.59 4.46 0.00	52.22 3.91 0.00	47.15 3.33 0.00
N.QUEENS_27_KV_LOAD 356247	36.70 3.24 -0.01	31.15 2.73 -0.01	28.40 2.30 0.00	29.59 2.47 0.00	28.51 2.54 -0.01	29.32 2.30 0.00	28.27 2.41 0.00	31.40 2.67 0.00	34.92 2.97 0.00	38.64 3.22 0.00	42.64 3.27 0.00	44.14 3.38 0.00	44.49 3.49 0.00	47.52 3.68 0.00	47.43 4.12 0.00	52.78 4.84 0.00	55.54 5.37 0.00	66.57 6.38 0.00	68.01 6.41 0.00	69.94 6.36 0.00	67.56 6.03 0.00	57.49 4.36 0.00	52.51 4.20 0.00	47.80 3.99 0.00
N.TROY___115KV_TB1 355778	35.29 1.84 0.00	30.01 1.59 0.00	27.49 1.38 0.00	28.61 1.49 0.00	27.41 1.45 0.00	28.56 1.54 0.00	27.29 1.42 0.00	30.33 1.61 0.00	33.71 1.76 0.00	37.15 1.74 0.00	40.90 1.54 0.00	42.22 1.47 0.00	42.40 1.39 0.00	45.28 1.45 0.00	44.96 1.65 0.00	49.95 2.01 0.00	52.53 2.36 0.00	63.08 2.89 0.00	64.68 3.08 0.00	66.70 3.12 0.00	64.48 2.95 0.00	55.47 2.34 0.00	50.33 2.03 0.00	45.53 1.71 0.00
NARROWS_GT1_1 24228	36.74 3.28 -0.01	31.15 2.73 -0.01	28.37 2.27 0.00	29.56 2.44 0.00	28.40 2.44 -0.01	29.43 2.40 0.00	28.27 2.41 0.00	31.46 2.73 0.00	34.99 3.04 0.00	38.78 3.37 0.00	42.83 3.47 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.73 3.90 0.00	47.69 4.37 0.00	53.07 5.13 0.00	55.79 5.62 0.00	66.45 6.26 0.00	67.82 6.22 0.00	69.69 6.10 0.00	67.38 5.85 0.00	57.38 4.25 0.00	52.41 4.10 0.00	47.80 3.99 0.00
NARROWS_GT1_2 24229	36.74 3.28 -0.01	31.15 2.73 -0.01	28.37 2.27 0.00	29.56 2.44 0.00	28.40 2.44 -0.01	29.43 2.40 0.00	28.27 2.41 0.00	31.46 2.73 0.00	34.99 3.04 0.00	38.78 3.37 0.00	42.83 3.47 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.73 3.90 0.00	47.69 4.37 0.00	53.07 5.13 0.00	55.79 5.62 0.00	66.45 6.26 0.00	67.82 6.22 0.00	69.69 6.10 0.00	67.38 5.85 0.00	57.38 4.25 0.00	52.41 4.10 0.00	47.80 3.99 0.00
NARROWS_GT1_3 24230	36.74 3.28 -0.01	31.15 2.73 -0.01	28.37 2.27 0.00	29.56 2.44 0.00	28.40 2.44 -0.01	29.43 2.40 0.00	28.27 2.41 0.00	31.46 2.73 0.00	34.99 3.04 0.00	38.78 3.37 0.00	42.83 3.47 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.73 3.90 0.00	47.69 4.37 0.00	53.07 5.13 0.00	55.79 5.62 0.00	66.45 6.26 0.00	67.82 6.22 0.00	69.69 6.10 0.00	67.38 5.85 0.00	57.38 4.25 0.00	52.41 4.10 0.00	47.80 3.99 0.00
NARROWS_GT1_4 24231	36.74 3.28 -0.01	31.15 2.73 -0.01	28.37 2.27 0.00	29.56 2.44 0.00	28.40 2.44 -0.01	29.43 2.40 0.00	28.27 2.41 0.00	31.46 2.73 0.00	34.99 3.04 0.00	38.78 3.37 0.00	42.83 3.47 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.73 3.90 0.00	47.69 4.37 0.00	53.07 5.13 0.00	55.79 5.62 0.00	66.45 6.26 0.00	67.82 6.22 0.00	69.69 6.10 0.00	67.38 5.85 0.00	57.38 4.25 0.00	52.41 4.10 0.00	47.80 3.99 0.00
NARROWS_GT1_5 24232	36.74 3.28 -0.01	31.15 2.73 -0.01	28.37 2.27 0.00	29.56 2.44 0.00	28.40 2.44 -0.01	29.43 2.40 0.00	28.27 2.41 0.00	31.46 2.73 0.00	34.99 3.04 0.00	38.78 3.37 0.00	42.83 3.47 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.73 3.90 0.00	47.69 4.37 0.00	53.07 5.13 0.00	55.79 5.62 0.00	66.45 6.26 0.00	67.82 6.22 0.00	69.69 6.10 0.00	67.38 5.85 0.00	57.38 4.25 0.00	52.41 4.10 0.00	47.80 3.99 0.00

NARROWS_GT1_6 24233	36.74 3.28 -0.01	31.15 2.73 -0.01	28.37 2.27 0.00	29.56 2.44 0.00	28.40 2.44 -0.01	29.43 2.40 0.00	28.27 2.41 0.00	31.46 2.73 0.00	34.99 3.04 0.00	38.78 3.37 0.00	42.83 3.47 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.73 3.90 0.00	47.69 4.37 0.00	53.07 5.13 0.00	55.79 5.62 0.00	66.45 6.26 0.00	67.82 6.22 0.00	69.69 6.10 0.00	67.38 5.85 0.00	57.38 4.25 0.00	52.41 4.10 0.00	47.80 3.99 0.00
NARROWS_GT1_7 24234	36.74 3.28 -0.01	31.15 2.73 -0.01	28.37 2.27 0.00	29.56 2.44 0.00	28.40 2.44 -0.01	29.43 2.40 0.00	28.27 2.41 0.00	31.46 2.73 0.00	34.99 3.04 0.00	38.78 3.37 0.00	42.83 3.47 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.73 3.90 0.00	47.69 4.37 0.00	53.07 5.13 0.00	55.79 5.62 0.00	66.45 6.26 0.00	67.82 6.22 0.00	69.69 6.10 0.00	67.38 5.85 0.00	57.38 4.25 0.00	52.41 4.10 0.00	47.80 3.99 0.00
NARROWS_GT1_8 24235	36.74 3.28 -0.01	31.15 2.73 -0.01	28.37 2.27 0.00	29.56 2.44 0.00	28.40 2.44 -0.01	29.43 2.40 0.00	28.27 2.41 0.00	31.46 2.73 0.00	34.99 3.04 0.00	38.78 3.37 0.00	42.83 3.47 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.73 3.90 0.00	47.69 4.37 0.00	53.07 5.13 0.00	55.79 5.62 0.00	66.45 6.26 0.00	67.82 6.22 0.00	69.69 6.10 0.00	67.38 5.85 0.00	57.38 4.25 0.00	52.41 4.10 0.00	47.80 3.99 0.00
NARROWS_GT2_1 24236	36.74 3.28 -0.01	31.15 2.73 -0.01	28.37 2.27 0.00	29.56 2.44 0.00	28.40 2.44 -0.01	29.43 2.40 0.00	28.27 2.41 0.00	31.46 2.73 0.00	34.99 3.04 0.00	38.78 3.37 0.00	42.83 3.47 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.73 3.90 0.00	47.69 4.37 0.00	53.07 5.13 0.00	55.79 5.62 0.00	66.45 6.26 0.00	67.82 6.22 0.00	69.69 6.10 0.00	67.38 5.85 0.00	57.38 4.25 0.00	52.41 4.10 0.00	47.80 3.99 0.00
NARROWS_GT2_2 24237	36.74 3.28 -0.01	31.15 2.73 -0.01	28.37 2.27 0.00	29.56 2.44 0.00	28.40 2.44 -0.01	29.43 2.40 0.00	28.27 2.41 0.00	31.46 2.73 0.00	34.99 3.04 0.00	38.78 3.37 0.00	42.83 3.47 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.73 3.90 0.00	47.69 4.37 0.00	53.07 5.13 0.00	55.79 5.62 0.00	66.45 6.26 0.00	67.82 6.22 0.00	69.69 6.10 0.00	67.38 5.85 0.00	57.38 4.25 0.00	52.41 4.10 0.00	47.80 3.99 0.00
NARROWS_GT2_3 24238	36.74 3.28 -0.01	31.15 2.73 -0.01	28.37 2.27 0.00	29.56 2.44 0.00	28.40 2.44 -0.01	29.43 2.40 0.00	28.27 2.41 0.00	31.46 2.73 0.00	34.99 3.04 0.00	38.78 3.37 0.00	42.83 3.47 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.73 3.90 0.00	47.69 4.37 0.00	53.07 5.13 0.00	55.79 5.62 0.00	66.45 6.26 0.00	67.82 6.22 0.00	69.69 6.10 0.00	67.38 5.85 0.00	57.38 4.25 0.00	52.41 4.10 0.00	47.80 3.99 0.00
NARROWS_GT2_4 24239	36.74 3.28 -0.01	31.15 2.73 -0.01	28.37 2.27 0.00	29.56 2.44 0.00	28.40 2.44 -0.01	29.43 2.40 0.00	28.27 2.41 0.00	31.46 2.73 0.00	34.99 3.04 0.00	38.78 3.37 0.00	42.83 3.47 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.73 3.90 0.00	47.69 4.37 0.00	53.07 5.13 0.00	55.79 5.62 0.00	66.45 6.26 0.00	67.82 6.22 0.00	69.69 6.10 0.00	67.38 5.85 0.00	57.38 4.25 0.00	52.41 4.10 0.00	47.80 3.99 0.00
NARROWS_GT2_5 24240	36.74 3.28 -0.01	31.15 2.73 -0.01	28.37 2.27 0.00	29.56 2.44 0.00	28.40 2.44 -0.01	29.43 2.40 0.00	28.27 2.41 0.00	31.46 2.73 0.00	34.99 3.04 0.00	38.78 3.37 0.00	42.83 3.47 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.73 3.90 0.00	47.69 4.37 0.00	53.07 5.13 0.00	55.79 5.62 0.00	66.45 6.26 0.00	67.82 6.22 0.00	69.69 6.10 0.00	67.38 5.85 0.00	57.38 4.25 0.00	52.41 4.10 0.00	47.80 3.99 0.00
NARROWS_GT2_6 24241	36.74 3.28 -0.01	31.15 2.73 -0.01	28.37 2.27 0.00	29.56 2.44 0.00	28.40 2.44 -0.01	29.43 2.40 0.00	28.27 2.41 0.00	31.46 2.73 0.00	34.99 3.04 0.00	38.78 3.37 0.00	42.83 3.47 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.73 3.90 0.00	47.69 4.37 0.00	53.07 5.13 0.00	55.79 5.62 0.00	66.45 6.26 0.00	67.82 6.22 0.00	69.69 6.10 0.00	67.38 5.85 0.00	57.38 4.25 0.00	52.41 4.10 0.00	47.80 3.99 0.00
NARROWS_GT2_7 24242	36.74 3.28 -0.01	31.15 2.73 -0.01	28.37 2.27 0.00	29.56 2.44 0.00	28.40 2.44 -0.01	29.43 2.40 0.00	28.27 2.41 0.00	31.46 2.73 0.00	34.99 3.04 0.00	38.78 3.37 0.00	42.83 3.47 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.73 3.90 0.00	47.69 4.37 0.00	53.07 5.13 0.00	55.79 5.62 0.00	66.45 6.26 0.00	67.82 6.22 0.00	69.69 6.10 0.00	67.38 5.85 0.00	57.38 4.25 0.00	52.41 4.10 0.00	47.80 3.99 0.00
NARROWS_GT2_8 24243	36.74 3.28 -0.01	31.15 2.73 -0.01	28.37 2.27 0.00	29.56 2.44 0.00	28.40 2.44 -0.01	29.43 2.40 0.00	28.27 2.41 0.00	31.46 2.73 0.00	34.99 3.04 0.00	38.78 3.37 0.00	42.83 3.47 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.73 3.90 0.00	47.69 4.37 0.00	53.07 5.13 0.00	55.79 5.62 0.00	66.45 6.26 0.00	67.82 6.22 0.00	69.69 6.10 0.00	67.38 5.85 0.00	57.38 4.25 0.00	52.41 4.10 0.00	47.80 3.99 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	35.09 1.64 0.00	29.89 1.48 0.00	27.36 1.25 0.00	28.45 1.33 0.00	27.28 1.32 0.00	28.43 1.41 0.00	27.03 1.16 0.00	29.85 1.12 0.00	33.10 1.15 0.00	36.55 1.13 0.00	40.27 0.91 0.00	41.65 0.90 0.00	41.79 0.78 0.00	44.80 0.96 0.00	44.31 1.00 0.00	49.28 1.34 0.00	51.33 1.15 0.00	61.81 1.63 0.00	63.51 1.91 0.00	65.74 2.16 0.00	64.24 2.71 0.00	55.57 2.44 0.00	50.53 2.22 0.00	45.70 1.88 0.00
NCHELSEA_115KV_TR2 355582	36.16 2.71 0.00	30.78 2.36 0.00	28.11 2.01 0.00	29.24 2.12 0.00	28.11 2.15 0.00	29.26 2.24 0.00	27.98 2.12 0.00	31.14 2.41 0.00	34.73 2.78 0.00	38.39 2.97 0.00	42.40 3.03 0.00	43.94 3.18 0.00	44.17 3.16 0.00	47.34 3.51 0.00	47.00 3.68 0.00	52.30 4.36 0.00	54.84 4.67 0.00	65.85 5.66 0.00	67.33 5.73 0.00	69.43 5.85 0.00	67.37 5.85 0.00	57.64 4.52 0.00	52.26 3.96 0.00	47.19 3.37 0.00
NEG CAPITAL___MECHNVIL 23645	35.72 2.28 0.00	30.38 1.96 0.00	27.78 1.67 0.00	28.94 1.82 0.00	27.69 1.74 0.00	28.91 1.89 0.00	27.60 1.73 0.00	30.57 1.84 0.00	33.97 2.01 0.00	37.47 2.05 0.00	41.10 1.73 0.00	42.47 1.71 0.00	42.61 1.60 0.00	45.50 1.67 0.00	45.18 1.86 0.00	50.24 2.30 0.00	52.73 2.56 0.00	63.38 3.19 0.00	65.11 3.51 0.00	67.27 3.69 0.00	65.10 3.57 0.00	56.05 2.92 0.00	50.96 2.65 0.00	46.14 2.32 0.00
NEG CENTRAL_HIGH_ACRES 23767	33.18 -0.27 0.00	28.42 0.00 0.00	26.08 -0.03 0.00	26.85 -0.27 0.00	25.49 -0.47 0.00	26.54 -0.49 0.00	25.63 -0.23 0.00	28.47 -0.26 0.00	31.79 -0.16 0.00	35.40 -0.04 -0.02	40.01 0.31 -0.33	41.54 0.41 -0.38	41.76 0.37 -0.38	44.67 0.39 -0.44	43.83 0.09 -0.42	48.25 -0.24 -0.55	49.62 -0.55 0.00	59.71 -0.48 0.00	60.99 -0.62 0.00	64.03 -0.32 -0.77	61.90 -0.37 -0.74	53.63 -0.05 -0.56	48.98 0.15 -0.54	44.46 0.18 -0.47



NEG CENTRAL___DRP 24199	33.88 0.43 0.00	28.93 0.51 0.00	26.57 0.47 0.00	27.45 0.33 0.00	26.14 0.18 0.00	27.29 0.27 0.00	26.22 0.36 0.00	29.19 0.46 0.00	32.49 0.54 0.00	36.00 0.53 -0.06	40.96 0.83 -0.77	42.56 0.94 -0.86	42.79 0.90 -0.88	45.81 0.96 -1.01	45.11 0.82 -0.97	49.69 0.48 -1.27	50.57 0.40 0.00	60.73 0.54 0.00	62.40 0.80 0.00	66.75 1.40 -1.77	64.34 1.11 -1.70	55.26 0.85 -1.28	50.50 0.97 -1.23	46.04 1.14 -1.08
NEG CENTRAL___INDECK 23768	34.45 1.00 0.00	29.58 1.17 0.00	27.15 1.05 0.00	27.91 0.79 0.00	26.42 0.47 0.00	27.56 0.54 0.00	26.69 0.83 0.00	29.50 0.78 0.00	32.75 0.80 0.00	36.12 0.71 0.00	40.31 0.94 0.00	41.86 1.10 0.00	42.07 1.06 0.00	44.93 1.10 0.00	43.92 0.61 0.00	48.18 0.24 0.00	50.37 0.20 0.00	61.21 1.02 0.00	63.08 1.48 0.00	66.44 2.86 0.00	64.73 3.20 0.00	56.37 3.24 0.00	51.49 3.19 0.00	46.75 2.94 0.00
NEG CENTRAL___SENECA 23627	33.98 0.54 0.00	29.07 0.65 0.00	26.71 0.60 0.00	27.56 0.43 0.00	26.19 0.23 0.00	27.35 0.32 0.00	26.35 0.49 0.00	29.30 0.57 0.00	32.65 0.70 0.00	36.23 0.78 -0.03	40.92 1.10 -0.45	42.53 1.26 -0.51	42.76 1.23 -0.52	45.75 1.32 -0.60	44.97 1.08 -0.57	49.27 0.58 -0.75	50.67 0.50 0.00	60.85 0.66 0.00	62.59 0.99 0.00	66.41 1.78 -1.05	64.01 1.48 -1.01	55.00 1.12 -0.76	50.29 1.26 -0.73	46.03 1.58 -0.64
NEG CENTRAL___STATE_STREET 24147	33.88 0.43 0.00	28.87 0.45 0.00	26.50 0.39 0.00	27.45 0.33 0.00	26.19 0.23 0.00	27.32 0.30 0.00	26.20 0.34 0.00	29.16 0.43 0.00	32.43 0.48 0.00	35.94 0.46 -0.07	40.98 0.67 -0.94	42.59 0.77 -1.06	42.83 0.74 -1.08	45.86 0.79 -1.24	45.24 0.74 -1.19	50.08 0.58 -1.56	50.77 0.60 0.00	60.97 0.78 0.00	62.53 0.92 0.00	67.15 1.40 -2.17	64.72 1.11 -2.08	55.60 0.90 -1.57	50.69 0.87 -1.51	46.06 0.92 -1.32
NEG MILLWOOD___DRP 24198	36.29 2.84 0.00	30.83 2.42 0.00	28.17 2.06 0.00	29.35 2.22 0.00	28.19 2.23 0.00	29.35 2.32 0.00	28.09 2.22 0.00	31.25 2.53 0.00	34.86 2.91 0.00	38.53 3.12 0.00	42.68 3.31 0.00	44.14 3.38 0.00	44.41 3.40 0.00	47.52 3.68 0.00	47.39 4.07 0.00	52.93 4.99 0.00	55.94 5.77 0.00	67.35 7.16 0.00	68.75 7.15 0.00	70.70 7.12 0.00	68.24 6.71 0.00	58.02 4.89 0.00	52.55 4.25 0.00	47.37 3.55 0.00
NEG NORTH_FLCN_SEA 23793	32.35 -1.10 0.00	27.34 -1.08 0.00	25.11 -0.99 0.00	26.09 -1.03 0.00	24.94 -1.01 0.00	25.89 -1.13 0.00	24.88 -0.98 0.00	27.78 -0.95 0.00	31.06 -0.89 0.00	34.67 -0.74 0.00	38.70 -0.67 0.00	40.10 -0.65 0.00	40.47 -0.53 0.00	43.26 -0.57 0.00	42.67 -0.65 0.00	47.08 -0.86 0.00	49.12 -1.05 0.00	58.80 -1.38 0.00	60.06 -1.54 0.00	62.06 -1.53 0.00	60.54 -0.98 0.00	53.02 -0.11 0.00	48.21 -0.10 0.00	43.73 -0.09 0.00
NEG NORTH_KES_CHATEGAY 23792	32.01 -1.44 0.00	27.02 -1.39 0.00	24.83 -1.28 0.00	25.79 -1.33 0.00	24.68 -1.27 0.00	25.62 -1.41 0.00	24.60 -1.27 0.00	27.43 -1.29 0.00	30.64 -1.31 0.00	34.21 -1.20 0.00	38.15 -1.22 0.00	39.53 -1.22 0.00	39.90 -1.11 0.00	42.65 -1.18 0.00	42.06 -1.26 0.00	46.45 -1.49 0.00	48.47 -1.71 0.00	58.08 -2.11 0.00	59.38 -2.22 0.00	61.36 -2.23 0.00	59.87 -1.66 0.00	52.33 -0.80 0.00	47.58 -0.72 0.00	43.16 -0.66 0.00
NEG NORTH___ALICE_FALLS 23915	32.41 -1.04 0.00	27.37 -1.05 0.00	25.16 -0.94 0.00	26.12 -1.00 0.00	25.00 -0.96 0.00	25.91 -1.11 0.00	24.91 -0.96 0.00	27.81 -0.92 0.00	31.12 -0.83 0.00	34.74 -0.67 0.00	38.74 -0.63 0.00	40.19 -0.57 0.00	40.56 -0.45 0.00	43.35 -0.48 0.00	42.75 -0.56 0.00	47.22 -0.72 0.00	49.22 -0.95 0.00	58.86 -1.32 0.00	60.19 -1.42 0.00	62.25 -1.53 0.00	60.73 -0.80 0.00	53.24 0.11 0.00	48.40 0.10 0.00	43.86 0.04 0.00
NEG NORTH___LWR_SARANAC 23913	32.41 -1.04 0.00	27.37 -1.05 0.00	25.16 -0.94 0.00	26.12 -1.00 0.00	25.00 -0.96 0.00	25.91 -1.11 0.00	24.91 -0.96 0.00	27.81 -0.92 0.00	31.12 -0.83 0.00	34.74 -0.67 0.00	38.74 -0.63 0.00	40.19 -0.57 0.00	40.56 -0.45 0.00	43.35 -0.48 0.00	42.75 -0.56 0.00	47.22 -0.72 0.00	49.22 -0.95 0.00	58.86 -1.32 0.00	60.19 -1.42 0.00	62.25 -1.53 0.00	60.73 -0.80 0.00	53.24 0.11 0.00	48.40 0.10 0.00	43.86 0.04 0.00
NEG NORTH___PLATTSBURG 23628	32.41 -1.04 0.00	27.37 -1.05 0.00	25.17 -0.94 0.00	26.12 -1.00 0.00	25.00 -0.96 0.00	25.91 -1.11 0.00	24.88 -0.98 0.00	27.81 -0.92 0.00	31.12 -0.83 0.00	34.74 -0.67 0.00	38.74 -0.63 0.00	40.19 -0.57 0.00	40.56 -0.45 0.00	43.35 -0.48 0.00	42.75 -0.56 0.00	47.17 -0.77 0.00	49.22 -0.95 0.00	58.86 -1.32 0.00	60.19 -1.41 0.00	62.31 -1.27 0.00	60.73 -0.80 0.00	53.29 0.16 0.00	48.45 0.15 0.00	43.86 0.04 0.00
NEG WEST_LEA_LOCKPORT 23791	33.25 -0.20 0.00	28.79 0.37 0.00	26.44 0.34 0.00	26.99 -0.14 0.00	25.36 -0.60 0.00	26.53 -0.49 0.00	25.91 0.05 0.00	28.55 -0.17 0.00	31.86 -0.10 0.00	35.55 0.14 0.00	39.80 0.43 0.00	41.37 0.61 0.00	41.62 0.62 0.00	44.58 0.75 0.00	43.40 0.09 0.00	47.22 -0.72 0.00	49.02 -1.15 0.00	58.32 -1.87 0.00	59.88 -1.72 0.00	63.01 -0.57 0.00	60.54 -0.98 0.00	51.91 -1.22 0.00	48.16 -0.14 0.00	44.12 0.31 0.00
NEG WEST___LANCASTR 23811	32.85 -0.60 0.00	28.36 -0.06 0.00	26.10 0.00 0.00	26.69 -0.43 0.00	25.15 -0.80 0.00	26.35 -0.68 0.00	25.68 -0.18 0.00	28.30 -0.43 0.00	31.60 -0.35 0.00	35.24 -0.18 0.00	39.37 0.00 0.00	40.92 0.16 0.00	41.17 0.16 0.00	44.10 0.26 0.00	43.06 -0.26 0.00	47.03 -0.91 0.00	48.97 -1.20 0.00	58.38 -1.81 0.00	59.94 -1.66 0.00	63.26 -0.32 0.00	60.67 -0.86 0.00	52.07 -1.06 0.00	48.06 -0.24 0.00	43.99 0.18 0.00
NEG_PENN_ALLEGHNY 23528	34.12 0.67 0.00	29.13 0.71 0.00	26.78 0.68 0.00	27.72 0.60 0.00	26.45 0.49 0.00	27.59 0.57 0.00	26.48 0.62 0.00	29.41 0.69 0.00	32.75 0.80 0.00	36.26 0.85 0.00	40.39 1.02 0.00	41.86 1.10 0.00	42.12 1.11 0.00	45.02 1.18 0.00	44.44 1.12 0.00	48.99 1.05 0.00	51.33 1.15 0.00	61.69 1.51 0.00	63.08 1.48 0.00	65.49 1.91 0.00	63.31 1.79 0.00	54.61 1.49 0.00	49.71 1.40 0.00	45.18 1.36 0.00
NEG___GEN_MONROE 24207	33.85 0.40 0.00	29.07 0.65 0.00	26.65 0.55 0.00	27.37 0.24 0.00	25.90 -0.05 0.00	26.99 -0.03 0.00	26.17 0.31 0.00	28.93 0.20 0.00	32.24 0.29 0.00	35.87 0.46 0.00	40.16 0.79 0.00	41.65 0.90 0.00	41.87 0.86 0.00	44.75 0.92 0.00	43.88 0.56 0.00	48.04 0.10 0.00	49.87 -0.30 0.00	59.71 -0.48 0.00	61.29 -0.31 0.00	64.03 0.45 0.00	61.77 0.25 0.00	53.24 0.11 0.00	48.93 0.63 0.00	44.65 0.83 0.00
NEPA___ENERGY 23901	33.45 0.00 0.00	28.90 0.48 0.00	26.60 0.50 0.00	27.20 0.08 0.00	25.64 -0.31 0.00	26.86 -0.16 0.00	26.20 0.34 0.00	28.90 0.17 0.00	32.27 0.32 0.00	35.94 0.53 0.00	40.16 0.79 0.00	41.69 0.94 0.00	41.95 0.94 0.00	44.93 1.10 0.00	43.84 0.52 0.00	47.89 -0.05 0.00	49.92 -0.25 0.00	59.59 -0.60 0.00	61.17 -0.43 0.00	64.53 0.95 0.00	62.02 0.49 0.00	53.18 0.05 0.00	49.12 0.82 0.00	44.91 1.10 0.00

NEVERSINK___HYD 23608	35.86 2.41 0.00	30.49 2.07 0.00	27.85 1.75 0.00	28.97 1.85 0.00	27.85 1.89 0.00	28.99 1.97 0.00	27.70 1.84 0.00	30.80 2.07 0.00	34.38 2.43 0.00	38.03 2.62 0.00	41.97 2.60 0.00	43.49 2.73 0.00	43.76 2.75 0.00	46.86 3.02 0.00	46.52 3.21 0.00	51.68 3.74 0.00	54.04 3.86 0.00	64.76 4.57 0.00	66.23 4.62 0.00	68.35 4.77 0.00	66.58 5.05 0.00	57.06 3.93 0.00	51.83 3.52 0.00	46.88 3.07 0.00
NEWKRMKL_115KV_TB1 55635	34.39 0.94 0.00	29.27 0.85 0.00	26.84 0.73 0.00	27.94 0.81 0.00	26.76 0.80 0.00	27.89 0.86 0.00	26.61 0.75 0.00	29.47 0.75 0.00	32.75 0.80 0.00	36.19 0.78 0.00	39.96 0.59 0.00	41.25 0.49 0.00	41.50 0.49 0.00	44.40 0.57 0.00	44.05 0.74 0.00	48.99 1.05 0.00	51.38 1.20 0.00	61.69 1.50 0.00	63.14 1.54 0.00	65.11 1.53 0.00	63.01 1.48 0.00	54.30 1.17 0.00	49.32 1.01 0.00	44.65 0.83 0.00
NEWTON___FALLS_HYD 23847	32.95 -0.50 0.00	27.96 -0.45 0.00	25.66 -0.44 0.00	26.61 -0.52 0.00	25.59 -0.36 0.00	26.51 -0.51 0.00	25.32 -0.54 0.00	28.12 -0.60 0.00	31.31 -0.64 0.00	34.81 -0.64 -0.03	39.16 -0.67 -0.46	40.54 -0.73 -0.52	40.80 -0.74 -0.53	43.61 -0.83 -0.61	43.08 -0.82 -0.59	47.75 -0.96 -0.77	49.02 -1.15 0.00	58.93 -1.26 0.00	60.74 -0.86 0.00	64.14 -0.51 -1.07	62.68 0.12 -1.02	54.54 0.64 -0.77	49.48 0.43 -0.74	44.99 0.53 -0.65
NGRID_A1_DSASP 323792	33.08 -0.37 0.00	28.62 0.20 0.00	26.29 0.18 0.00	26.85 -0.27 0.00	25.26 -0.70 0.00	26.37 -0.65 0.00	25.79 -0.08 0.00	28.41 -0.32 0.00	31.63 -0.32 0.00	35.31 -0.11 0.00	39.53 0.16 0.00	41.04 0.29 0.00	41.30 0.29 0.00	44.23 0.39 0.00	43.06 -0.26 0.00	47.12 -0.82 0.00	48.92 -1.25 0.00	58.99 -1.20 0.00	60.12 -1.48 0.00	62.82 -0.76 0.00	60.67 -0.86 0.00	52.49 -0.64 0.00	48.35 0.05 0.00	44.08 0.26 0.00
NGRID_A2_DSASP 323793	33.08 -0.37 0.00	28.62 0.20 0.00	26.29 0.18 0.00	26.85 -0.27 0.00	25.26 -0.70 0.00	26.37 -0.65 0.00	25.79 -0.08 0.00	28.41 -0.32 0.00	31.63 -0.32 0.00	35.31 -0.11 0.00	39.53 0.16 0.00	41.04 0.29 0.00	41.30 0.29 0.00	44.23 0.39 0.00	43.06 -0.26 0.00	47.12 -0.82 0.00	48.92 -1.25 0.00	58.99 -1.20 0.00	60.12 -1.48 0.00	62.82 -0.76 0.00	60.67 -0.86 0.00	52.49 -0.64 0.00	48.35 0.05 0.00	44.08 0.26 0.00
NGRID_A4_DSASP 323807	33.08 -0.37 0.00	28.62 0.20 0.00	26.29 0.18 0.00	26.85 -0.27 0.00	25.26 -0.70 0.00	26.37 -0.65 0.00	25.79 -0.08 0.00	28.41 -0.32 0.00	31.63 -0.32 0.00	35.31 -0.11 0.00	39.53 0.16 0.00	41.04 0.29 0.00	41.30 0.29 0.00	44.23 0.39 0.00	43.06 -0.26 0.00	47.12 -0.82 0.00	48.92 -1.25 0.00	58.99 -1.20 0.00	60.12 -1.48 0.00	62.82 -0.76 0.00	60.67 -0.86 0.00	52.49 -0.64 0.00	48.35 0.05 0.00	44.08 0.26 0.00
NIAGARA_115E_LBMP 323715	32.91 -0.54 0.00	28.47 0.06 0.00	26.16 0.05 0.00	26.72 -0.41 0.00	25.15 -0.80 0.00	26.24 -0.78 0.00	25.65 -0.21 0.00	28.27 -0.46 0.00	31.50 -0.45 0.00	35.13 -0.28 0.00	39.33 -0.04 0.00	40.88 0.12 0.00	41.13 0.12 0.00	44.05 0.22 0.00	42.88 -0.43 0.00	46.89 -1.05 0.00	48.67 -1.50 0.00	58.74 -1.45 0.00	59.88 -1.72 0.00	62.63 -0.95 0.00	60.48 -1.05 0.00	52.38 -0.74 0.00	48.26 -0.05 0.00	43.95 0.13 0.00
NIAGARA_115W_LBMP 323714	33.01 -0.44 0.00	28.59 0.17 0.00	26.26 0.16 0.00	26.80 -0.32 0.00	25.23 -0.73 0.00	26.32 -0.70 0.00	25.73 -0.13 0.00	28.35 -0.37 0.00	31.60 -0.35 0.00	35.24 -0.18 0.00	39.45 0.08 0.00	40.96 0.20 0.00	41.21 0.21 0.00	44.14 0.31 0.00	43.02 -0.30 0.00	47.03 -0.91 0.00	48.82 -1.35 0.00	58.92 -1.27 0.00	60.00 -1.60 0.00	62.75 -0.83 0.00	60.54 -0.99 0.00	52.38 -0.74 0.00	48.26 -0.05 0.00	43.99 0.18 0.00
NIAGARA_230_LBMP 323716	33.08 -0.37 0.00	28.62 0.20 0.00	26.29 0.18 0.00	26.85 -0.27 0.00	25.28 -0.67 0.00	26.37 -0.65 0.00	25.79 -0.08 0.00	28.41 -0.32 0.00	31.63 -0.32 0.00	35.31 -0.11 0.00	39.49 0.12 0.00	41.00 0.25 0.00	41.26 0.25 0.00	44.18 0.35 0.00	43.06 -0.26 0.00	47.08 -0.86 0.00	48.92 -1.25 0.00	58.99 -1.20 0.00	60.12 -1.48 0.00	62.82 -0.76 0.00	60.67 -0.86 0.00	52.49 -0.64 0.00	48.35 0.05 0.00	44.04 0.22 0.00
NIAGARA___115KV_198_GIBSON 55903	33.01 -0.43 0.00	28.59 0.17 0.00	26.26 0.16 0.00	26.80 -0.33 0.00	25.18 -0.78 0.00	26.32 -0.70 0.00	25.73 -0.13 0.00	28.35 -0.37 0.00	31.60 -0.35 0.00	35.27 -0.14 0.00	39.45 0.08 0.00	40.96 0.20 0.00	41.21 0.21 0.00	44.14 0.31 0.00	43.01 -0.30 0.00	46.79 -1.15 0.00	48.52 -1.66 0.00	57.72 -2.47 0.00	59.26 -2.34 0.00	62.25 -1.34 0.00	59.74 -1.78 0.00	51.11 -2.02 0.00	47.48 -0.82 0.00	43.60 -0.22 0.00
NIAGARA___ 23760	33.08 -0.37 0.00	28.62 0.20 0.00	26.29 0.18 0.00	26.85 -0.27 0.00	25.28 -0.67 0.00	26.37 -0.65 0.00	25.79 -0.08 0.00	28.41 -0.32 0.00	31.63 -0.32 0.00	35.31 -0.11 0.00	39.49 0.12 0.00	41.00 0.25 0.00	41.26 0.25 0.00	44.18 0.35 0.00	43.06 -0.26 0.00	47.08 -0.86 0.00	48.92 -1.25 0.00	58.99 -1.20 0.00	60.12 -1.48 0.00	62.82 -0.76 0.00	60.67 -0.86 0.00	52.49 -0.64 0.00	48.35 0.05 0.00	44.04 0.22 0.00
NINE_MILE_1 23575	32.85 -0.60 0.00	27.96 -0.46 0.00	25.69 -0.42 0.00	26.64 -0.49 0.00	25.46 -0.49 0.00	26.51 -0.51 0.00	25.40 -0.46 0.00	28.24 -0.49 0.00	31.38 -0.57 0.00	33.74 -0.81 0.86	26.97 -0.83 11.57	26.89 -0.81 13.05	26.83 -0.86 13.32	27.68 -0.92 15.23	27.73 -0.95 14.64	27.66 -1.10 19.18	48.97 -1.20 0.00	58.81 -1.38 0.00	60.19 -1.41 0.00	35.52 -1.34 26.72	34.54 -1.35 25.64	32.70 -1.12 19.31	28.67 -1.02 18.62	26.67 -0.88 16.27
NINE_MILE_2 23744	32.85 -0.60 0.00	27.96 -0.46 0.00	25.69 -0.42 0.00	26.64 -0.49 0.00	25.46 -0.49 0.00	26.51 -0.51 0.00	25.42 -0.44 0.00	28.24 -0.49 0.00	31.38 -0.57 0.00	33.73 -0.81 0.87	26.86 -0.83 11.68	26.77 -0.81 13.17	26.71 -0.86 13.44	27.54 -0.92 15.37	27.59 -0.95 14.77	27.48 -1.10 19.36	48.97 -1.20 0.00	58.81 -1.38 0.00	60.19 -1.41 0.00	35.28 -1.34 26.97	34.30 -1.35 25.87	32.53 -1.12 19.48	28.50 -1.02 18.79	26.52 -0.88 16.42
NM_CAPITAL___DRP 24208	34.45 1.00 0.00	29.33 0.91 0.00	26.89 0.78 0.00	28.02 0.90 0.00	26.84 0.88 0.00	27.94 0.92 0.00	26.66 0.80 0.00	29.56 0.83 0.00	32.81 0.86 0.00	36.30 0.89 0.00	40.04 0.67 0.00	41.37 0.61 0.00	41.62 0.62 0.00	44.53 0.70 0.00	44.18 0.87 0.00	49.14 1.20 0.00	51.53 1.35 0.00	61.87 1.69 0.00	63.27 1.66 0.00	65.30 1.72 0.00	63.13 1.60 0.00	54.40 1.28 0.00	49.41 1.11 0.00	44.74 0.92 0.00
NM_CENTRAL___DRP 24181	33.55 0.10 0.00	28.59 0.17 0.00	26.26 0.16 0.00	27.20 0.08 0.00	25.98 0.03 0.00	27.08 0.05 0.00	25.94 0.08 0.00	28.87 0.14 0.00	32.11 0.16 0.00	35.51 0.07 -0.03	39.93 0.20 -0.36	41.37 0.20 -0.41	41.63 0.21 -0.41	44.53 0.22 -0.47	43.99 0.22 -0.46	48.59 0.05 -0.60	50.22 0.05 0.00	60.25 0.06 0.00	61.73 0.12 0.00	64.79 0.38 -0.83	62.51 0.18 -0.80	53.78 0.05 -0.60	49.03 0.14 -0.58	44.54 0.22 -0.51

NM_FRONTIER___DRP 24179	33.01 -0.43 0.00	28.59 0.17 0.00	26.26 0.16 0.00	26.80 -0.33 0.00	25.18 -0.78 0.00	26.32 -0.70 0.00	25.73 -0.13 0.00	28.35 -0.37 0.00	31.60 -0.35 0.00	35.27 -0.14 0.00	39.45 0.08 0.00	40.96 0.20 0.00	41.21 0.21 0.00	44.14 0.31 0.00	43.01 -0.30 0.00	46.79 -1.15 0.00	48.52 -1.66 0.00	57.72 -2.47 0.00	59.26 -2.34 0.00	62.25 -1.34 0.00	59.74 -1.78 0.00	51.11 -2.02 0.00	47.48 -0.82 0.00	43.60 -0.22 0.00
NM_ST_REGIS___HYD 24053	32.38 -1.07 0.00	27.39 -1.02 0.00	25.19 -0.91 0.00	26.15 -0.98 0.00	25.10 -0.86 0.00	25.99 -1.03 0.00	24.93 -0.93 0.00	27.78 -0.95 0.00	30.99 -0.96 0.00	34.56 -0.85 0.00	38.54 -0.83 0.00	39.94 -0.82 0.00	40.27 -0.74 0.00	43.00 -0.83 0.00	42.45 -0.87 0.00	46.89 -1.05 0.00	48.87 -1.30 0.00	58.56 -1.63 0.00	60.06 -1.54 0.00	62.18 -1.40 0.00	60.67 -0.86 0.00	53.13 0.00 0.00	48.16 -0.14 0.00	43.73 -0.09 0.00
NORTHPORT___1 23551	36.90 3.45 0.00	31.46 3.04 0.00	28.53 2.43 0.00	29.56 2.44 0.00	28.50 2.55 0.00	29.53 2.51 0.00	28.71 2.84 0.00	31.86 3.13 0.00	35.76 3.80 -0.01	39.60 4.18 -0.01	42.91 3.54 0.00	44.10 3.34 0.00	44.82 3.81 0.00	47.91 4.08 0.00	47.87 4.55 -0.01	53.36 5.42 -0.01	56.35 6.17 -0.01	67.36 7.16 -0.01	68.69 7.08 -0.01	70.52 6.93 -0.01	68.12 6.59 -0.01	58.24 5.10 -0.01	52.36 4.06 0.00	47.19 3.37 0.00
NORTHPORT___2 23552	36.90 3.45 0.00	31.46 3.04 0.00	28.53 2.43 0.00	29.56 2.44 0.00	28.50 2.55 0.00	29.53 2.51 0.00	28.71 2.84 0.00	31.86 3.13 0.00	35.76 3.80 -0.01	39.60 4.18 -0.01	42.91 3.54 0.00	44.10 3.34 0.00	44.82 3.81 0.00	47.91 4.08 0.00	47.87 4.55 -0.01	53.36 5.42 -0.01	56.35 6.17 -0.01	67.36 7.16 -0.01	68.69 7.08 -0.01	70.52 6.93 -0.01	68.12 6.59 -0.01	58.24 5.10 -0.01	52.36 4.06 0.00	47.19 3.37 0.00
NORTHPORT___3 23553	36.66 3.21 0.00	31.20 2.79 0.00	28.30 2.19 0.00	29.37 2.25 0.00	28.26 2.31 0.00	29.32 2.30 0.00	28.45 2.59 0.00	31.57 2.84 0.00	35.44 3.48 -0.01	39.25 3.83 -0.01	42.40 3.03 0.00	43.65 2.89 0.00	44.33 3.32 0.00	47.43 3.60 0.00	47.35 4.03 -0.01	52.74 4.79 -0.01	55.60 5.42 -0.01	66.57 6.38 -0.01	67.90 6.29 -0.01	69.75 6.17 -0.01	67.39 5.85 -0.01	57.49 4.36 -0.01	51.78 3.48 0.00	46.66 2.85 0.00
NORTHPORT___4 23650	36.66 3.21 0.00	31.20 2.79 0.00	28.30 2.19 0.00	29.37 2.25 0.00	28.26 2.31 0.00	29.32 2.30 0.00	28.45 2.59 0.00	31.57 2.84 0.00	35.44 3.48 -0.01	39.25 3.83 -0.01	42.40 3.03 0.00	43.65 2.89 0.00	44.33 3.32 0.00	47.43 3.60 0.00	47.35 4.03 -0.01	52.74 4.79 -0.01	55.60 5.42 -0.01	66.57 6.38 -0.01	67.90 6.29 -0.01	69.75 6.17 -0.01	67.39 5.85 -0.01	57.49 4.36 -0.01	51.78 3.48 0.00	46.66 2.85 0.00
NORTHPORT___IC 23718	36.89 3.45 0.00	31.46 3.04 0.00	28.53 2.43 0.00	29.56 2.44 0.00	28.50 2.54 0.00	29.53 2.51 0.00	28.71 2.84 0.00	31.86 3.13 0.00	35.75 3.80 0.00	39.59 4.18 0.00	42.83 3.46 0.00	44.10 3.34 0.00	44.82 3.81 0.00	47.91 4.08 0.00	47.87 4.55 0.00	53.50 5.56 0.00	56.49 6.32 0.00	67.59 7.40 0.00	69.06 7.45 0.00	70.96 7.38 0.00	68.42 6.89 0.00	58.49 5.37 0.00	52.70 4.40 0.00	47.28 3.46 0.00
NORTH___COUNTRY_ESR 323785	31.94 -1.50 0.00	26.94 -1.48 0.00	24.75 -1.36 0.00	25.74 -1.38 0.00	24.63 -1.32 0.00	25.56 -1.46 0.00	24.52 -1.35 0.00	27.38 -1.35 0.00	30.61 -1.34 0.00	34.17 -1.24 0.00	38.15 -1.22 0.00	39.53 -1.22 0.00	39.86 -1.15 0.00	42.61 -1.23 0.00	42.02 -1.30 0.00	46.40 -1.54 0.00	48.41 -1.76 0.00	57.96 -2.23 0.00	59.32 -2.28 0.00	61.23 -2.35 0.00	59.68 -1.84 0.00	52.17 -0.95 0.00	47.44 -0.87 0.00	42.98 -0.83 0.00
NPX_GEN_1385_PROXY 323591	32.19 3.31 4.57	31.09 2.93 0.25	28.53 2.43 0.00	28.95 2.33 0.51	28.50 2.55 0.00	28.88 2.51 0.65	29.36 2.84 -0.65	31.86 3.13 0.00	35.76 3.80 -0.01	39.60 4.18 -0.01	41.19 3.39 1.56	40.62 3.18 3.32	39.63 3.65 5.03	41.60 3.95 6.18	39.12 4.42 8.62	38.51 5.23 14.66	40.50 5.97 15.64	42.27 6.92 24.84	44.00 6.84 24.44	46.00 6.74 24.32	46.00 6.34 21.87	42.56 4.88 15.45	37.99 3.87 14.18	34.41 3.20 12.60
NPX_GEN_CSC 323557	36.52 3.08 0.00	31.34 2.93 0.00	28.35 2.25 0.00	29.24 2.12 0.00	28.19 2.23 0.00	28.56 2.19 0.65	29.41 2.90 -0.65	31.69 2.96 0.00	35.66 3.70 -0.01	39.39 3.97 -0.01	42.75 3.39 0.00	44.06 3.30 0.00	44.86 3.85 0.00	48.04 4.21 0.00	48.09 4.76 -0.01	53.75 5.80 -0.01	56.86 6.67 -0.02	68.02 7.82 -0.01	69.31 7.70 -0.01	71.02 7.44 -0.01	68.49 6.95 -0.01	58.61 5.47 -0.01	52.50 4.20 0.00	47.24 3.42 0.00
NSINS_S_GLNS_FALLS 23858	36.16 2.71 0.00	30.75 2.33 0.00	28.06 1.96 0.00	29.24 2.12 0.00	27.98 2.02 0.00	29.24 2.22 0.00	27.91 2.04 0.00	30.79 2.07 0.00	34.25 2.30 0.00	37.82 2.41 0.00	40.59 1.22 0.00	41.90 1.14 0.00	41.95 0.94 0.00	44.71 0.88 0.00	44.40 1.08 0.00	49.52 1.58 0.00	51.98 1.81 0.00	62.60 2.41 0.00	64.81 3.20 0.00	66.95 3.37 0.00	65.04 3.51 0.00	56.10 2.98 0.00	50.96 2.66 0.00	46.10 2.28 0.00
NUCOR_STEEL___DRP 24197	33.92 0.47 0.00	28.93 0.51 0.00	26.55 0.44 0.00	27.53 0.41 0.00	26.27 0.31 0.00	27.40 0.38 0.00	26.25 0.39 0.00	29.21 0.49 0.00	32.49 0.54 0.00	36.02 0.53 -0.08	41.13 0.75 -1.02	42.72 0.82 -1.15	42.96 0.78 -1.17	46.00 0.83 -1.34	45.38 0.78 -1.29	50.25 0.62 -1.68	50.77 0.60 0.00	60.97 0.78 0.00	62.53 0.92 0.00	67.26 1.34 -2.35	64.89 1.11 -2.25	55.73 0.90 -1.70	50.86 0.92 -1.64	46.21 0.96 -1.43
NUMBER_THREE_WT_PWR 323818	33.52 0.07 0.00	28.50 0.09 0.00	26.13 0.03 0.00	27.10 -0.03 0.00	26.06 0.10 0.00	27.08 0.05 0.00	25.79 -0.08 0.00	28.64 -0.09 0.00	31.86 -0.10 0.00	35.31 -0.14 -0.04	39.73 -0.16 -0.52	41.02 -0.33 -0.59	41.20 -0.41 -0.60	44.04 -0.48 -0.69	43.59 -0.39 -0.66	48.33 -0.48 -0.87	49.62 -0.55 0.00	59.77 -0.42 0.00	61.66 0.06 0.00	65.42 0.64 -1.21	64.22 1.54 -1.16	55.70 1.70 -0.87	50.55 1.40 -0.84	45.95 1.40 -0.73
NYISO_LBMP_REFERENCE 24008	33.45 0.00 0.00	28.42 0.00 0.00	26.10 0.00 0.00	27.12 0.00 0.00	25.96 0.00 0.00	27.02 0.00 0.00	25.86 0.00 0.00	28.73 0.00 0.00	31.95 0.00 0.00	35.41 0.00 0.00	39.37 0.00 0.00	40.76 0.00 0.00	41.01 0.00 0.00	43.83 0.00 0.00	43.32 0.00 0.00	47.94 0.00 0.00	50.17 0.00 0.00	60.19 0.00 0.00	61.60 0.00 0.00	63.58 0.00 0.00	61.53 0.00 0.00	53.13 0.00 0.00	48.30 0.00 0.00	43.82 0.00 0.00
NYPA_BRENTWD____GT 24164	37.26 3.81 0.00	31.77 3.35 0.00	28.77 2.66 0.00	29.81 2.69 0.00	28.73 2.78 0.00	29.78 2.76 0.00	28.99 3.13 0.00	32.11 3.39 0.00	36.08 4.12 -0.01	39.99 4.57 -0.01	43.46 4.09 0.00	44.71 3.95 0.00	45.48 4.47 0.00	48.66 4.82 0.00	48.65 5.33 -0.01	54.28 6.33 -0.01	57.36 7.17 -0.01	68.38 8.18 -0.01	69.74 8.13 -0.01	71.60 8.01 -0.01	69.16 7.63 -0.01	59.30 6.16 -0.01	53.28 4.98 0.00	47.98 4.16 0.00

NYPA_GOWANUS____GT5 24156	36.74 3.28 -0.01	31.15 2.73 -0.01	28.37 2.27 0.00	29.56 2.44 0.00	28.40 2.44 -0.01	29.43 2.40 0.00	28.27 2.41 0.00	31.46 2.73 0.00	34.99 3.04 0.00	38.78 3.37 0.00	42.83 3.47 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.73 3.90 0.00	47.69 4.37 0.00	53.07 5.13 0.00	55.79 5.62 0.00	66.45 6.26 0.00	67.76 6.16 0.00	69.69 6.10 0.00	67.38 5.85 0.00	57.38 4.25 0.00	52.41 4.10 0.00	47.80 3.99 0.00
NYPA_GOWANUS____GT6 24157	36.74 3.28 -0.01	31.15 2.73 -0.01	28.37 2.27 0.00	29.56 2.44 0.00	28.40 2.44 -0.01	29.43 2.40 0.00	28.27 2.41 0.00	31.46 2.73 0.00	34.99 3.04 0.00	38.78 3.37 0.00	42.83 3.47 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.73 3.90 0.00	47.69 4.37 0.00	53.07 5.13 0.00	55.79 5.62 0.00	66.45 6.26 0.00	67.76 6.16 0.00	69.69 6.10 0.00	67.38 5.85 0.00	57.38 4.25 0.00	52.41 4.10 0.00	47.80 3.99 0.00
NYPA_HARLEM__RVR__GT1 24160	36.67 3.21 -0.01	31.13 2.70 -0.01	28.37 2.27 0.00	29.56 2.44 0.00	28.38 2.41 -0.01	29.29 2.27 0.00	28.24 2.38 0.00	31.33 2.61 0.01	34.85 2.91 0.01	38.56 3.15 0.01	42.55 3.19 0.01	44.05 3.30 0.01	44.40 3.40 0.01	47.42 3.60 0.01	47.34 4.03 0.01	52.63 4.70 0.01	55.18 5.02 0.01	66.02 5.84 0.01	67.32 5.73 0.01	69.23 5.66 0.01	66.94 5.42 0.01	56.95 3.83 0.01	52.02 3.72 0.00	47.63 3.81 0.00
NYPA_HARLEM__RVR__GT2 24161	36.67 3.21 -0.01	31.13 2.70 -0.01	28.37 2.27 0.00	29.56 2.44 0.00	28.38 2.41 -0.01	29.29 2.27 0.00	28.24 2.38 0.00	31.33 2.61 0.01	34.85 2.91 0.01	38.56 3.15 0.01	42.55 3.19 0.01	44.05 3.30 0.01	44.40 3.40 0.01	47.42 3.60 0.01	47.34 4.03 0.01	52.63 4.70 0.01	55.18 5.02 0.01	66.02 5.84 0.01	67.32 5.73 0.01	69.23 5.66 0.01	66.94 5.42 0.01	56.95 3.83 0.01	52.02 3.72 0.00	47.63 3.81 0.00
NYPA_KENT____GT 24152	36.70 3.24 -0.01	31.15 2.73 -0.01	28.37 2.27 0.00	29.56 2.44 0.00	28.40 2.44 -0.01	29.43 2.40 0.00	28.29 2.43 0.00	31.48 2.76 0.00	35.02 3.07 0.00	38.78 3.37 0.00	42.79 3.42 0.00	44.34 3.59 0.00	44.70 3.69 0.00	47.69 3.86 0.00	47.65 4.33 0.00	53.02 5.08 0.00	55.69 5.52 0.00	66.39 6.20 0.00	67.76 6.16 0.00	69.69 6.10 0.00	67.31 5.78 0.00	57.32 4.20 0.00	52.36 4.06 0.00	47.72 3.90 0.00
NYPA_POUCH1____GT 24155	36.67 3.21 -0.01	31.10 2.67 -0.01	28.32 2.22 0.00	29.51 2.39 0.00	28.35 2.39 -0.01	29.35 2.32 0.00	28.16 2.30 0.00	31.34 2.61 0.00	34.83 2.88 0.00	38.60 3.19 0.00	42.68 3.31 0.00	44.18 3.42 0.00	44.57 3.57 0.00	47.46 3.64 0.01	47.52 4.20 0.00	52.82 4.89 0.01	55.48 5.32 0.01	66.14 5.96 0.01	67.45 5.86 0.01	69.36 5.79 0.01	67.06 5.54 0.01	57.11 3.99 0.01	52.11 3.82 0.01	47.67 3.86 0.00
NYPA_VERNON____GT2 24162	36.67 3.21 -0.01	31.13 2.70 -0.01	28.37 2.27 0.00	29.56 2.44 0.00	28.38 2.41 -0.01	29.45 2.43 0.00	28.32 2.46 0.00	31.51 2.79 0.00	35.05 3.10 0.00	38.78 3.37 0.00	42.79 3.42 0.00	44.30 3.54 0.00	44.66 3.65 0.00	47.69 3.86 0.00	47.65 4.33 0.00	52.97 5.03 0.00	55.64 5.47 0.00	66.45 6.26 0.00	67.76 6.16 0.00	69.69 6.10 0.00	67.38 5.85 0.00	57.38 4.25 0.00	52.36 4.06 0.00	47.63 3.81 0.00
NYPA_VERNON____GT3 24163	36.67 3.21 -0.01	31.13 2.70 -0.01	28.37 2.27 0.00	29.56 2.44 0.00	28.38 2.41 -0.01	29.45 2.43 0.00	28.32 2.46 0.00	31.51 2.79 0.00	35.05 3.10 0.00	38.78 3.37 0.00	42.79 3.42 0.00	44.30 3.54 0.00	44.66 3.65 0.00	47.69 3.86 0.00	47.65 4.33 0.00	52.97 5.03 0.00	55.64 5.47 0.00	66.45 6.26 0.00	67.76 6.16 0.00	69.69 6.10 0.00	67.38 5.85 0.00	57.38 4.25 0.00	52.36 4.06 0.00	47.63 3.81 0.00
NYPA__ASTORIA_CC1 323568	36.67 3.21 -0.01	31.13 2.70 -0.01	28.37 2.27 0.00	29.56 2.44 0.00	28.38 2.41 -0.01	29.43 2.40 0.00	28.29 2.43 0.00	31.48 2.76 0.00	34.99 3.04 0.00	38.71 3.29 0.00	42.71 3.34 0.00	44.22 3.46 0.00	44.57 3.57 0.00	47.60 3.77 0.00	47.52 4.20 0.00	52.88 4.94 0.00	55.54 5.37 0.00	66.27 6.08 0.00	67.64 6.04 0.00	69.56 5.97 0.00	67.19 5.66 0.00	57.22 4.09 0.00	52.27 3.96 0.00	47.59 3.77 0.00
NYPA__ASTORIA_CC2 323569	36.67 3.21 -0.01	31.13 2.70 -0.01	28.37 2.27 0.00	29.56 2.44 0.00	28.38 2.41 -0.01	29.43 2.40 0.00	28.29 2.43 0.00	31.48 2.76 0.00	34.99 3.04 0.00	38.71 3.29 0.00	42.71 3.34 0.00	44.22 3.46 0.00	44.57 3.57 0.00	47.60 3.77 0.00	47.52 4.20 0.00	52.88 4.94 0.00	55.54 5.37 0.00	66.27 6.08 0.00	67.64 6.04 0.00	69.56 5.97 0.00	67.19 5.66 0.00	57.22 4.09 0.00	52.27 3.96 0.00	47.59 3.77 0.00
NYPA__HOLTSVILL 23794	36.90 3.45 0.00	31.54 3.13 0.00	28.56 2.45 0.00	29.56 2.44 0.00	28.50 2.55 0.00	29.53 2.51 0.00	28.81 2.95 0.00	31.89 3.16 0.00	35.82 3.86 -0.01	39.67 4.25 -0.01	43.03 3.66 0.00	44.30 3.54 0.00	45.07 4.06 0.00	48.22 4.38 0.00	48.26 4.94 -0.01	53.84 5.89 -0.01	56.86 6.67 -0.02	67.96 7.77 -0.01	69.31 7.70 -0.01	71.09 7.50 -0.01	68.61 7.07 -0.01	58.71 5.58 -0.01	52.74 4.44 0.00	47.45 3.63 0.00
NYPA____HELLGATE_GT1 24158	36.67 3.21 -0.01	31.13 2.70 -0.01	28.37 2.27 0.00	29.56 2.44 0.00	28.38 2.41 -0.01	29.29 2.27 0.00	28.24 2.38 0.00	31.33 2.61 0.01	34.85 2.91 0.01	38.56 3.15 0.01	42.55 3.19 0.01	44.05 3.30 0.01	44.40 3.40 0.01	47.42 3.60 0.01	47.34 4.03 0.01	52.63 4.70 0.01	55.18 5.02 0.01	66.02 5.84 0.01	67.32 5.73 0.01	69.23 5.66 0.01	66.94 5.42 0.01	56.95 3.83 0.01	52.02 3.72 0.00	47.63 3.81 0.00
NYPA____HELLGATE_GT2 24159	36.67 3.21 -0.01	31.13 2.70 -0.01	28.37 2.27 0.00	29.56 2.44 0.00	28.38 2.41 -0.01	29.29 2.27 0.00	28.24 2.38 0.00	31.33 2.61 0.01	34.85 2.91 0.01	38.56 3.15 0.01	42.55 3.19 0.01	44.05 3.30 0.01	44.40 3.40 0.01	47.42 3.60 0.01	47.34 4.03 0.01	52.63 4.70 0.01	55.18 5.02 0.01	66.02 5.84 0.01	67.32 5.73 0.01	69.23 5.66 0.01	66.94 5.42 0.01	56.95 3.83 0.01	52.02 3.72 0.00	47.63 3.81 0.00
NYS_BARGE__HYD 23848	33.32 -0.13 0.00	28.81 0.40 0.00	26.47 0.37 0.00	27.01 -0.11 0.00	25.44 -0.52 0.00	26.54 -0.49 0.00	25.94 0.08 0.00	28.58 -0.14 0.00	31.89 -0.06 0.00	35.59 0.18 0.00	39.84 0.47 0.00	41.41 0.65 0.00	41.66 0.65 0.00	44.62 0.79 0.00	43.45 0.13 0.00	47.55 -0.39 0.00	49.37 -0.80 0.00	59.59 -0.60 0.00	60.74 -0.86 0.00	63.58 0.00 0.00	61.41 -0.12 0.00	53.24 0.11 0.00	48.98 0.68 0.00	44.61 0.79 0.00
OAK ORCHARD__HYD 24046	33.78 0.33 0.00	28.98 0.57 0.00	26.58 0.47 0.00	27.34 0.22 0.00	25.90 -0.05 0.00	26.97 -0.05 0.00	26.10 0.23 0.00	28.93 0.20 0.00	32.30 0.35 0.00	35.98 0.56 0.00	40.35 0.98 0.00	41.86 1.10 0.00	42.12 1.11 0.00	45.02 1.18 0.00	44.10 0.78 0.00	48.42 0.48 0.00	50.32 0.15 0.00	60.61 0.42 0.00	61.85 0.25 0.00	64.22 0.64 0.00	62.14 0.62 0.00	53.98 0.85 0.00	49.32 1.02 0.00	44.78 0.96 0.00

OAKDALE___35_KV_LOAD 356122	34.05 0.60 0.00	29.07 0.65 0.00	26.73 0.63 0.00	27.67 0.54 0.00	26.40 0.44 0.00	27.53 0.51 0.00	26.43 0.57 0.00	29.36 0.63 0.00	32.65 0.70 0.00	36.16 0.74 0.00	40.23 0.87 0.00	41.69 0.94 0.00	41.95 0.94 0.00	44.89 1.05 0.00	44.27 0.95 0.00	48.85 0.91 0.00	51.13 0.95 0.00	61.27 1.08 0.00	62.77 1.17 0.00	65.30 1.72 0.00	63.01 1.48 0.00	54.24 1.12 0.00	49.41 1.11 0.00	44.96 1.14 0.00
OCC_CHEM___DRP 24175	33.08 -0.37 0.00	28.62 0.20 0.00	26.29 0.18 0.00	26.85 -0.27 0.00	25.20 -0.75 0.00	26.37 -0.65 0.00	25.79 -0.08 0.00	28.41 -0.32 0.00	31.63 -0.32 0.00	35.31 -0.11 0.00	39.53 0.16 0.00	41.04 0.29 0.00	41.30 0.29 0.00	44.23 0.39 0.00	43.06 -0.26 0.00	46.89 -1.05 0.00	48.62 -1.56 0.00	57.78 -2.41 0.00	59.38 -2.22 0.00	62.31 -1.27 0.00	59.87 -1.66 0.00	51.22 -1.91 0.00	47.58 -0.72 0.00	43.64 -0.18 0.00
OH_GEN_PROXY 24063	33.08 -0.37 0.00	28.62 0.20 0.00	26.29 0.18 0.00	26.85 -0.27 0.00	25.31 -0.65 0.00	25.75 -0.62 0.65	26.44 -0.08 -0.65	28.44 -0.29 0.00	31.66 -0.29 0.00	35.31 -0.11 0.00	39.53 0.16 0.00	41.04 0.29 0.00	41.30 0.29 0.00	44.23 0.39 0.00	43.10 -0.22 0.00	47.17 -0.77 0.00	49.02 -1.15 0.00	59.11 -1.08 0.00	60.25 -1.36 0.00	62.95 -0.64 0.00	60.79 -0.74 0.00	52.60 -0.53 0.00	48.35 0.05 0.00	44.08 0.26 0.00
OLIN_CORP_DRP 24177	32.95 -0.50 0.00	28.53 0.11 0.00	26.21 0.10 0.00	26.77 -0.35 0.00	25.13 -0.83 0.00	26.26 -0.76 0.00	25.68 -0.18 0.00	28.30 -0.43 0.00	31.54 -0.42 0.00	35.20 -0.21 0.00	39.41 0.04 0.00	40.92 0.16 0.00	41.17 0.16 0.00	44.10 0.26 0.00	42.93 -0.39 0.00	46.74 -1.20 0.00	48.52 -1.66 0.00	57.66 -2.53 0.00	59.26 -2.34 0.00	62.31 -1.27 0.00	59.81 -1.72 0.00	51.16 -1.97 0.00	47.53 -0.77 0.00	43.60 -0.22 0.00
OLIN_CORP_DSASP 323712	33.08 -0.37 0.00	28.62 0.20 0.00	26.29 0.18 0.00	26.85 -0.27 0.00	25.26 -0.70 0.00	26.37 -0.65 0.00	25.79 -0.08 0.00	28.41 -0.32 0.00	31.63 -0.32 0.00	35.31 -0.11 0.00	39.53 0.16 0.00	41.04 0.29 0.00	41.30 0.29 0.00	44.23 0.39 0.00	43.06 -0.26 0.00	47.12 -0.82 0.00	48.92 -1.25 0.00	58.99 -1.20 0.00	60.12 -1.48 0.00	62.82 -0.76 0.00	60.67 -0.86 0.00	52.49 -0.64 0.00	48.35 0.05 0.00	44.08 0.26 0.00
ONEIDA_HERK_LFGE 323681	33.98 0.53 0.00	28.90 0.48 0.00	26.52 0.42 0.00	27.53 0.41 0.00	26.42 0.47 0.00	27.51 0.49 0.00	26.22 0.36 0.00	29.16 0.43 0.00	32.46 0.51 0.00	35.95 0.53 0.00	39.92 0.55 0.00	41.25 0.49 0.00	41.46 0.45 0.00	44.27 0.44 0.00	43.79 0.48 0.00	48.42 0.48 0.00	50.67 0.50 0.00	60.97 0.78 0.00	62.65 1.05 0.00	65.04 1.46 0.00	63.25 1.72 0.00	54.83 1.70 0.00	49.75 1.45 0.00	45.18 1.36 0.00
ONEIDA___115KV_TB4 55905	34.39 0.94 0.00	29.30 0.88 0.00	26.89 0.78 0.00	27.85 0.73 0.00	26.71 0.75 0.00	27.83 0.81 0.00	26.56 0.70 0.00	29.53 0.80 0.00	32.88 0.93 0.00	36.37 0.96 0.00	40.47 1.10 0.00	41.86 1.10 0.00	42.03 1.03 0.00	44.93 1.10 0.00	44.40 1.08 0.00	49.09 1.15 0.00	51.38 1.20 0.00	61.75 1.56 0.00	63.45 1.85 0.00	65.87 2.29 0.00	63.68 2.15 0.00	55.09 1.97 0.00	50.04 1.74 0.00	45.44 1.62 0.00
ONONDAGA_REF_OCCRA 23987	33.65 0.20 0.00	28.67 0.26 0.00	26.31 0.21 0.00	27.29 0.16 0.00	26.06 0.10 0.00	27.16 0.14 0.00	26.02 0.16 0.00	28.96 0.23 0.00	32.21 0.26 0.00	35.58 0.14 -0.03	40.01 0.28 -0.37	41.50 0.33 -0.42	41.76 0.33 -0.43	44.67 0.35 -0.49	44.13 0.35 -0.47	48.79 0.24 -0.61	50.42 0.25 0.00	60.49 0.30 0.00	62.03 0.43 0.00	65.13 0.70 -0.85	62.84 0.49 -0.82	54.06 0.32 -0.62	49.24 0.34 -0.59	44.73 0.39 -0.52
ONONDAGA___COGEN 23986	33.68 0.23 0.00	28.67 0.26 0.00	26.34 0.23 0.00	27.31 0.19 0.00	26.09 0.13 0.00	27.18 0.16 0.00	26.04 0.18 0.00	28.98 0.26 0.00	32.24 0.29 0.00	35.72 0.21 -0.09	40.98 0.39 -1.22	42.53 0.41 -1.37	42.82 0.41 -1.40	45.87 0.44 -1.60	45.24 0.39 -1.54	50.24 0.29 -2.01	50.42 0.25 0.00	60.49 0.30 0.00	62.03 0.43 0.00	67.09 0.70 -2.81	64.71 0.49 -2.69	55.48 0.32 -2.03	50.65 0.39 -1.96	45.96 0.44 -1.71
ONTARIO___LFGE 23819	33.98 0.53 0.00	29.07 0.65 0.00	26.71 0.60 0.00	27.56 0.43 0.00	26.22 0.26 0.00	27.35 0.33 0.00	26.35 0.49 0.00	29.30 0.57 0.00	32.65 0.70 0.00	36.23 0.78 -0.03	40.92 1.10 -0.45	42.53 1.26 -0.51	42.76 1.23 -0.52	45.74 1.31 -0.60	44.98 1.08 -0.57	49.36 0.67 -0.75	50.78 0.60 0.00	61.27 1.08 0.00	62.83 1.23 0.00	66.54 1.91 -1.05	64.32 1.79 -1.01	55.54 1.65 -0.76	50.63 1.59 -0.73	46.16 1.71 -0.64
ORANGEVILLE_WT_PWR 323706	32.68 -0.77 0.00	28.19 -0.23 0.00	25.95 -0.16 0.00	26.61 -0.52 0.00	25.18 -0.78 0.00	26.37 -0.65 0.00	25.68 -0.18 0.00	28.32 -0.40 0.00	31.57 -0.38 0.00	35.09 -0.32 0.00	39.33 -0.04 0.00	40.96 0.20 0.00	41.17 0.16 0.00	44.10 0.26 0.00	42.67 -0.65 0.00	46.69 -1.25 0.00	48.62 -1.56 0.00	58.74 -1.45 0.00	60.19 -1.41 0.00	63.64 0.06 0.00	61.90 0.37 0.00	53.66 0.53 0.00	49.32 1.02 0.00	44.95 1.14 0.00
ORANGEVILLE___ESR 323794	32.68 -0.77 0.00	28.19 -0.23 0.00	25.95 -0.16 0.00	26.61 -0.52 0.00	25.18 -0.78 0.00	26.37 -0.65 0.00	25.68 -0.18 0.00	28.32 -0.40 0.00	31.57 -0.38 0.00	35.09 -0.32 0.00	39.33 -0.04 0.00	40.96 0.20 0.00	41.17 0.16 0.00	44.10 0.26 0.00	42.67 -0.65 0.00	46.69 -1.25 0.00	48.62 -1.56 0.00	58.74 -1.45 0.00	60.19 -1.41 0.00	63.64 0.06 0.00	61.90 0.37 0.00	53.66 0.53 0.00	49.32 1.02 0.00	44.95 1.14 0.00
OSWEGATCHIE___HYD 24044	32.95 -0.50 0.00	27.96 -0.46 0.00	25.66 -0.44 0.00	26.61 -0.52 0.00	25.59 -0.36 0.00	26.51 -0.51 0.00	25.29 -0.57 0.00	28.12 -0.60 0.00	31.31 -0.64 0.00	34.81 -0.64 -0.03	39.16 -0.67 -0.46	40.55 -0.73 -0.52	40.80 -0.74 -0.53	43.61 -0.83 -0.61	43.08 -0.82 -0.59	47.75 -0.96 -0.77	49.02 -1.15 0.00	58.92 -1.27 0.00	60.74 -0.86 0.00	64.21 -0.44 -1.07	62.68 0.12 -1.02	54.59 0.69 -0.77	49.48 0.43 -0.74	45.00 0.53 -0.65
OSWEGO___5 23606	33.08 -0.37 0.00	28.16 -0.26 0.00	25.87 -0.24 0.00	26.82 -0.30 0.00	25.65 -0.31 0.00	26.70 -0.32 0.00	25.58 -0.28 0.00	28.44 -0.29 0.00	31.60 -0.35 0.00	35.46 -0.50 -0.55	46.24 -0.51 -7.38	48.59 -0.49 -8.32	48.97 -0.53 -8.49	53.03 -0.52 -9.72	52.09 -0.56 -9.34	59.46 -0.72 -12.24	49.37 -0.80 0.00	59.29 -0.90 0.00	60.68 -0.92 0.00	79.80 -0.83 -17.05	77.08 -0.80 -16.36	64.75 -0.69 -12.32	59.61 -0.58 -11.88	53.72 -0.48 -10.38
OSWEGO___6 23613	33.08 -0.37 0.00	28.16 -0.26 0.00	25.87 -0.24 0.00	26.82 -0.30 0.00	25.65 -0.31 0.00	26.70 -0.32 0.00	25.58 -0.28 0.00	28.44 -0.29 0.00	31.60 -0.35 0.00	35.46 -0.50 -0.55	46.24 -0.51 -7.38	48.59 -0.49 -8.32	48.97 -0.53 -8.49	53.03 -0.52 -9.72	52.09 -0.56 -9.34	59.46 -0.72 -12.24	49.37 -0.80 0.00	59.29 -0.90 0.00	60.68 -0.92 0.00	79.80 -0.83 -17.05	77.08 -0.80 -16.36	64.75 -0.69 -12.32	59.61 -0.58 -11.88	53.72 -0.48 -10.38

OUTOKUMPU-AB___DRP 24206	33.48 0.03 0.00	28.99 0.57 0.00	26.63 0.52 0.00	27.20 0.08 0.00	25.54 -0.42 0.00	26.72 -0.30 0.00	26.12 0.26 0.00	28.78 0.06 0.00	32.14 0.19 0.00	35.87 0.46 0.00	40.16 0.79 0.00	41.73 0.98 0.00	41.99 0.98 0.00	45.02 1.18 0.00	43.84 0.52 0.00	47.75 -0.19 0.00	49.57 -0.60 0.00	58.93 -1.26 0.00	60.49 -1.11 0.00	63.58 0.00 0.00	61.16 -0.37 0.00	52.38 -0.74 0.00	48.59 0.29 0.00	44.52 0.70 0.00
OXBOW___BTM 323836	33.35 -0.10 0.00	28.84 0.43 0.00	26.52 0.42 0.00	27.07 -0.05 0.00	25.46 -0.49 0.00	26.59 -0.43 0.00	25.99 0.13 0.00	28.64 -0.09 0.00	31.95 0.00 0.00	35.66 0.25 0.00	39.92 0.55 0.00	41.49 0.73 0.00	41.75 0.74 0.00	44.71 0.88 0.00	43.53 0.22 0.00	47.65 -0.29 0.00	49.47 -0.70 0.00	59.71 -0.48 0.00	60.87 -0.74 0.00	63.64 0.06 0.00	61.47 -0.06 0.00	53.18 0.05 0.00	48.98 0.68 0.00	44.65 0.83 0.00
OXBOW___ 24026	33.35 -0.10 0.00	28.84 0.43 0.00	26.52 0.42 0.00	27.07 -0.05 0.00	25.41 -0.55 0.00	26.59 -0.43 0.00	25.99 0.13 0.00	28.64 -0.09 0.00	31.95 0.00 0.00	35.66 0.25 0.00	39.92 0.55 0.00	41.49 0.73 0.00	41.75 0.74 0.00	44.71 0.88 0.00	43.53 0.22 0.00	47.41 -0.53 0.00	49.22 -0.95 0.00	58.50 -1.69 0.00	60.06 -1.54 0.00	62.75 -0.83 0.00	60.61 -0.92 0.00	51.91 -1.22 0.00	48.21 -0.10 0.00	44.17 0.35 0.00
OXY_CHEM_DSASP 323612	33.08 -0.37 0.00	28.62 0.20 0.00	26.29 0.18 0.00	26.85 -0.27 0.00	25.20 -0.75 0.00	26.37 -0.65 0.00	25.79 -0.08 0.00	28.41 -0.32 0.00	31.63 -0.32 0.00	35.31 -0.11 0.00	39.53 0.16 0.00	41.04 0.29 0.00	41.30 0.29 0.00	44.23 0.39 0.00	43.06 -0.26 0.00	46.89 -1.05 0.00	48.62 -1.56 0.00	57.78 -2.41 0.00	59.38 -2.22 0.00	62.31 -1.27 0.00	59.87 -1.66 0.00	51.22 -1.91 0.00	47.58 -0.72 0.00	43.64 -0.18 0.00
OZONE_PARK_ESR 323760	36.83 3.38 0.00	31.23 2.81 0.00	28.48 2.38 0.00	29.67 2.55 0.00	28.50 2.54 0.00	29.62 2.59 0.00	28.47 2.61 0.00	31.71 2.99 0.00	35.34 3.39 0.00	39.13 3.72 0.00	43.19 3.82 0.00	44.71 3.95 0.00	45.07 4.06 0.00	48.17 4.34 0.00	48.08 4.76 0.00	53.50 5.56 0.00	56.39 6.22 0.00	67.59 7.40 0.00	69.06 7.45 0.00	71.08 7.50 0.00	68.60 7.08 0.00	58.49 5.37 0.00	53.18 4.88 0.00	48.07 4.25 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	33.08 -0.37 0.00	28.62 0.20 0.00	26.29 0.18 0.00	26.85 -0.27 0.00	25.20 -0.75 0.00	26.37 -0.65 0.00	25.79 -0.08 0.00	28.41 -0.32 0.00	31.63 -0.32 0.00	35.31 -0.11 0.00	39.53 0.16 0.00	41.04 0.29 0.00	41.30 0.29 0.00	44.23 0.39 0.00	43.06 -0.26 0.00	46.89 -1.05 0.00	48.62 -1.56 0.00	57.78 -2.41 0.00	59.38 -2.22 0.00	62.31 -1.27 0.00	59.87 -1.66 0.00	51.22 -1.91 0.00	47.58 -0.72 0.00	43.64 -0.18 0.00
PACKARD___115KV_DUPONT_184 80571	33.08 -0.37 0.00	28.62 0.20 0.00	26.29 0.18 0.00	26.85 -0.27 0.00	25.20 -0.75 0.00	26.37 -0.65 0.00	25.79 -0.08 0.00	28.41 -0.32 0.00	31.63 -0.32 0.00	35.31 -0.11 0.00	39.53 0.16 0.00	41.04 0.29 0.00	41.30 0.29 0.00	44.23 0.39 0.00	43.06 -0.26 0.00	46.89 -1.05 0.00	48.62 -1.56 0.00	57.78 -2.41 0.00	59.38 -2.22 0.00	62.31 -1.27 0.00	59.87 -1.66 0.00	51.22 -1.91 0.00	47.58 -0.72 0.00	43.64 -0.18 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.74 3.28 -0.01	31.18 2.76 -0.01	28.43 2.32 0.00	29.62 2.50 0.00	28.51 2.54 -0.01	29.37 2.35 0.00	28.22 2.35 0.00	31.37 2.64 0.00	34.86 2.91 0.00	38.57 3.15 0.00	42.56 3.19 0.00	44.06 3.30 0.00	44.41 3.40 0.00	47.43 3.59 0.00	47.35 4.03 0.00	52.69 4.75 0.00	55.44 5.27 0.00	66.45 6.26 0.00	67.89 6.28 0.00	69.88 6.29 0.00	67.44 5.91 0.00	57.49 4.36 0.00	52.51 4.20 0.00	47.80 3.99 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	36.97 3.51 -0.01	31.41 2.98 -0.01	28.64 2.53 0.00	29.83 2.71 0.00	28.74 2.78 -0.01	29.62 2.59 0.00	28.45 2.59 0.00	31.63 2.90 0.00	35.15 3.20 0.00	38.88 3.47 0.00	42.87 3.50 0.00	44.38 3.63 0.00	44.78 3.77 0.00	47.82 3.99 0.00	47.74 4.42 0.00	53.21 5.27 0.00	55.99 5.82 0.00	67.17 6.98 0.00	68.69 7.08 0.00	70.64 7.06 0.00	68.24 6.71 0.00	58.12 4.99 0.00	53.09 4.78 0.00	48.37 4.56 0.00
PATROON___115KV_TB1 80586	34.49 1.04 0.00	29.35 0.94 0.00	26.89 0.78 0.00	28.02 0.90 0.00	26.84 0.88 0.00	27.97 0.95 0.00	26.69 0.83 0.00	29.53 0.80 0.00	32.81 0.86 0.00	36.30 0.89 0.00	40.04 0.67 0.00	41.37 0.61 0.00	41.62 0.62 0.00	44.53 0.70 0.00	44.18 0.87 0.00	49.14 1.20 0.00	51.53 1.35 0.00	61.87 1.69 0.00	63.33 1.72 0.00	65.30 1.72 0.00	63.19 1.66 0.00	54.46 1.33 0.00	49.46 1.16 0.00	44.78 0.96 0.00
PATTRSNVILLE___SOLAR 323815	35.19 1.74 0.00	29.92 1.51 0.00	27.41 1.30 0.00	28.56 1.44 0.00	27.33 1.37 0.00	28.51 1.49 0.00	27.18 1.32 0.00	30.08 1.35 0.00	33.36 1.40 0.00	36.87 1.45 0.00	40.71 1.34 0.00	42.02 1.26 0.00	42.24 1.23 0.00	45.15 1.31 0.00	44.79 1.47 0.00	49.71 1.77 0.00	52.18 2.01 0.00	62.72 2.53 0.00	64.44 2.84 0.00	66.70 3.11 0.00	64.60 3.08 0.00	55.63 2.50 0.00	50.57 2.27 0.00	45.83 2.02 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	33.11 -0.33 0.00	28.62 0.20 0.00	26.31 0.21 0.00	26.91 -0.22 0.00	25.33 -0.62 0.00	26.51 -0.51 0.00	25.89 0.03 0.00	28.55 -0.17 0.00	31.89 -0.06 0.00	35.55 0.14 0.00	39.76 0.39 0.00	41.37 0.61 0.00	41.62 0.62 0.00	44.62 0.79 0.00	43.49 0.17 0.00	47.51 -0.43 0.00	49.47 -0.70 0.00	58.93 -1.26 0.00	60.49 -1.11 0.00	63.84 0.25 0.00	61.28 -0.25 0.00	52.49 -0.64 0.00	48.55 0.24 0.00	44.39 0.57 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	36.29 2.84 0.00	30.83 2.42 0.00	28.17 2.06 0.00	29.35 2.22 0.00	28.19 2.23 0.00	29.35 2.32 0.00	28.09 2.22 0.00	31.25 2.53 0.00	34.86 2.91 0.00	38.53 3.12 0.00	42.68 3.31 0.00	44.14 3.38 0.00	44.41 3.40 0.00	47.52 3.68 0.00	47.39 4.07 0.00	52.93 4.99 0.00	55.94 5.77 0.00	67.35 7.16 0.00	68.75 7.15 0.00	70.70 7.12 0.00	68.24 6.71 0.00	58.02 4.89 0.00	52.55 4.25 0.00	47.37 3.55 0.00
PEEKSKILL___ 23653	36.16 2.71 0.00	30.72 2.30 0.00	28.06 1.96 0.00	29.21 2.09 0.00	28.06 2.10 0.00	29.21 2.19 0.00	28.01 2.15 0.00	31.17 2.44 0.00	34.76 2.81 0.00	38.42 3.01 0.00	42.40 3.03 0.00	43.89 3.14 0.00	44.21 3.20 0.00	47.30 3.46 0.00	47.13 3.81 0.00	52.45 4.51 0.00	55.24 5.07 0.00	66.15 5.96 0.00	67.52 5.91 0.00	69.43 5.85 0.00	67.07 5.54 0.00	57.16 4.04 0.00	51.93 3.62 0.00	47.01 3.20 0.00
PGE MADISON___WINDPWR 24146	35.42 1.97 0.00	30.29 1.88 0.00	27.80 1.70 0.00	28.78 1.65 0.00	27.75 1.79 0.00	28.97 1.95 0.00	27.60 1.73 0.00	30.77 2.04 0.00	34.38 2.43 0.00	38.07 2.66 0.00	42.36 2.99 0.00	43.81 3.06 0.00	44.04 3.03 0.00	46.95 3.11 0.00	46.52 3.21 0.00	51.34 3.40 0.00	53.73 3.56 0.00	64.89 4.70 0.00	66.96 5.36 0.00	70.00 6.42 0.00	67.62 6.09 0.00	58.82 5.69 0.00	53.33 5.02 0.00	48.55 4.73 0.00

PIERCEFIELD___HYD 23852	32.41 -1.04 0.00	27.42 -0.99 0.00	25.24 -0.86 0.00	26.20 -0.92 0.00	25.15 -0.80 0.00	26.05 -0.97 0.00	24.98 -0.88 0.00	27.81 -0.92 0.00	30.99 -0.96 0.00	34.53 -0.89 0.00	38.50 -0.87 0.00	39.86 -0.90 0.00	40.19 -0.82 0.00	42.91 -0.92 0.00	42.36 -0.95 0.00	46.79 -1.15 0.00	48.82 -1.35 0.00	58.50 -1.69 0.00	60.06 -1.54 0.00	62.18 -1.40 0.00	60.67 -0.86 0.00	53.08 -0.05 0.00	48.11 -0.19 0.00	43.69 -0.13 0.00
PINELAWN_CC_1 323563	37.06 3.61 0.00	31.57 3.15 0.00	28.61 2.51 0.00	29.67 2.55 0.00	28.58 2.62 0.00	29.64 2.62 0.00	28.78 2.92 0.00	31.94 3.22 0.00	35.86 3.90 -0.01	39.70 4.28 -0.01	43.23 3.86 0.00	44.50 3.75 0.00	45.19 4.18 0.00	47.95 4.12 0.00	47.87 4.55 -0.01	53.36 5.42 -0.01	56.30 6.12 -0.01	67.42 7.22 -0.01	68.75 7.14 -0.01	70.65 7.06 -0.01	68.24 6.71 -0.01	58.29 5.15 -0.01	52.46 4.15 0.00	47.28 3.46 0.00
PJM_GEN_HTTP_PROXY 323702	36.46 3.01 0.00	30.94 2.53 0.00	28.22 2.11 0.00	29.40 2.28 0.00	28.24 2.28 0.00	28.72 2.35 0.65	28.89 2.38 -0.65	31.43 2.70 0.00	35.02 3.07 0.00	38.74 3.33 0.00	42.75 3.39 0.00	44.22 3.46 0.00	44.57 3.57 0.00	47.65 3.81 0.00	47.52 4.20 0.00	52.88 4.94 0.00	55.59 5.42 0.00	66.57 6.38 0.00	67.89 6.29 0.00	69.82 6.23 0.00	67.44 5.91 0.00	57.49 4.36 0.00	52.31 4.01 0.00	47.36 3.55 0.00
PJM_GEN_KEystone 24065	34.72 1.27 0.00	29.70 1.28 0.00	27.20 1.10 0.00	28.13 1.00 0.00	26.84 0.88 0.00	27.32 0.95 0.65	27.65 1.14 -0.65	29.93 1.21 0.00	33.36 1.40 0.00	37.01 1.60 0.00	41.02 1.65 0.00	42.51 1.75 0.00	42.81 1.80 0.00	45.81 1.97 0.00	45.27 1.95 0.00	50.00 2.06 0.00	52.38 2.21 0.00	62.90 2.71 0.00	64.13 2.53 0.00	66.51 2.93 0.00	64.30 2.77 0.00	55.20 2.07 0.00	50.33 2.03 0.00	45.70 1.88 0.00
PJM_GEN_NEPTUNE_PROXY 323594	36.66 3.21 0.00	31.20 2.79 0.00	28.32 2.22 0.00	29.40 2.28 0.00	28.29 2.34 0.00	28.69 2.32 0.65	29.10 2.59 -0.65	31.60 2.87 0.00	35.41 3.45 -0.01	39.17 3.75 -0.01	42.79 3.42 0.00	44.10 3.34 0.00	44.74 3.73 0.00	47.86 4.03 0.00	47.75 4.42 -0.01	53.13 5.18 -0.01	55.95 5.77 -0.01	67.00 6.80 -0.01	68.39 6.78 -0.01	70.33 6.74 -0.01	67.94 6.40 -0.01	57.97 4.83 -0.01	52.27 3.96 0.00	47.19 3.37 0.00
PJM_GEN_VFT_PROXY 323633	36.36 2.91 0.00	30.86 2.44 0.00	28.14 2.04 0.00	29.32 2.20 0.00	28.16 2.20 0.00	28.64 2.27 0.65	28.87 2.35 -0.65	31.37 2.64 0.00	34.95 3.00 0.00	38.71 3.29 0.00	42.68 3.31 0.00	44.14 3.38 0.00	44.49 3.48 0.00	47.56 3.72 0.00	47.43 4.12 0.00	52.69 4.75 0.00	55.39 5.22 0.00	66.27 6.08 0.00	67.58 5.97 0.00	69.50 5.91 0.00	67.19 5.66 0.00	57.22 4.09 0.00	52.17 3.87 0.00	47.28 3.46 0.00
PLATSBURG_115KV_PMLD1 355749	32.35 -1.10 0.00	27.31 -1.11 0.00	25.09 -1.02 0.00	26.06 -1.06 0.00	24.94 -1.01 0.00	25.86 -1.16 0.00	24.85 -1.01 0.00	27.75 -0.98 0.00	31.02 -0.93 0.00	34.63 -0.78 0.00	38.66 -0.71 0.00	40.06 -0.69 0.00	40.43 -0.57 0.00	43.22 -0.61 0.00	42.62 -0.69 0.00	47.08 -0.86 0.00	49.07 -1.10 0.00	58.74 -1.44 0.00	60.06 -1.54 0.00	61.99 -1.59 0.00	60.48 -1.05 0.00	52.97 -0.16 0.00	48.16 -0.14 0.00	43.69 -0.13 0.00
PLEASANTVLY___LBMP 24000	35.86 2.41 0.00	30.46 2.05 0.00	27.88 1.78 0.00	29.02 1.90 0.00	27.88 1.92 0.00	28.99 1.97 0.00	27.78 1.91 0.00	30.91 2.18 0.00	34.44 2.49 0.00	38.03 2.62 0.00	41.97 2.60 0.00	43.41 2.65 0.00	43.71 2.71 0.00	46.73 2.89 0.00	46.52 3.21 0.00	51.73 3.79 0.00	54.49 4.31 0.00	65.43 5.24 0.00	66.84 5.24 0.00	68.79 5.21 0.00	66.45 4.92 0.00	56.85 3.72 0.00	51.54 3.24 0.00	46.53 2.72 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	36.23 2.78 0.00	30.78 2.36 0.00	28.11 2.01 0.00	29.27 2.14 0.00	28.11 2.15 0.00	29.24 2.22 0.00	28.04 2.17 0.00	31.23 2.50 0.00	34.83 2.88 0.00	38.53 3.12 0.00	42.52 3.15 0.00	44.02 3.26 0.00	44.33 3.32 0.00	47.43 3.59 0.00	47.26 3.94 0.00	52.64 4.70 0.00	55.59 5.42 0.00	66.69 6.50 0.00	68.13 6.53 0.00	70.07 6.49 0.00	67.56 6.03 0.00	57.64 4.52 0.00	52.26 3.96 0.00	47.19 3.37 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.23 2.78 0.00	30.78 2.36 0.00	28.11 2.01 0.00	29.27 2.14 0.00	28.11 2.15 0.00	29.24 2.22 0.00	28.04 2.17 0.00	31.23 2.50 0.00	34.83 2.88 0.00	38.53 3.12 0.00	42.52 3.15 0.00	44.02 3.26 0.00	44.33 3.32 0.00	47.43 3.59 0.00	47.26 3.94 0.00	52.64 4.70 0.00	55.59 5.42 0.00	66.69 6.50 0.00	68.13 6.53 0.00	70.07 6.49 0.00	67.56 6.03 0.00	57.64 4.52 0.00	52.26 3.96 0.00	47.19 3.37 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	36.02 2.58 0.00	30.63 2.22 0.00	28.01 1.91 0.00	29.16 2.03 0.00	28.01 2.05 0.00	29.16 2.13 0.00	27.88 2.02 0.00	31.02 2.30 0.00	34.57 2.62 0.00	38.21 2.80 0.00	42.16 2.80 0.00	43.69 2.93 0.00	43.92 2.91 0.00	47.03 3.20 0.00	46.74 3.42 0.00	51.97 4.03 0.00	54.54 4.36 0.00	65.49 5.30 0.00	66.96 5.36 0.00	68.99 5.40 0.00	66.94 5.41 0.00	57.33 4.20 0.00	51.97 3.67 0.00	46.88 3.07 0.00
POLETTI____ 23519	36.49 3.04 0.00	30.97 2.56 0.00	28.27 2.17 0.00	29.43 2.31 0.00	28.32 2.36 0.00	29.40 2.38 0.00	28.29 2.43 0.00	31.43 2.70 0.00	35.02 3.07 0.00	38.78 3.36 0.00	42.75 3.39 0.00	44.26 3.51 0.00	44.58 3.57 0.00	47.69 3.86 0.00	47.56 4.25 0.00	52.93 4.99 0.00	55.74 5.57 0.00	66.87 6.68 0.00	68.26 6.65 0.00	70.26 6.68 0.00	67.80 6.28 0.00	57.86 4.73 0.00	52.60 4.30 0.00	47.54 3.72 0.00
POMONA___ESR 323819	36.19 2.74 0.00	30.77 2.36 0.00	28.09 1.98 0.00	29.24 2.12 0.00	28.08 2.13 0.00	29.21 2.19 0.00	28.04 2.17 0.00	31.17 2.44 0.00	34.76 2.81 0.00	38.46 3.05 0.00	42.44 3.07 0.00	43.94 3.18 0.00	44.29 3.28 0.00	47.38 3.55 0.00	47.17 3.85 0.00	52.45 4.51 0.00	55.09 4.92 0.00	65.97 5.78 0.00	67.27 5.66 0.00	69.31 5.72 0.00	67.07 5.54 0.00	57.22 4.09 0.00	51.97 3.67 0.00	47.06 3.24 0.00
PORT_JEFF_3 23555	36.99 3.54 0.00	31.63 3.21 0.00	28.61 2.51 0.00	29.62 2.49 0.00	28.55 2.60 0.00	29.59 2.57 0.00	28.86 3.00 0.00	31.97 3.25 0.00	35.92 3.96 -0.01	39.78 4.35 -0.01	43.19 3.82 0.00	44.46 3.71 0.00	45.23 4.22 0.00	48.43 4.60 0.00	48.43 5.11 -0.01	54.09 6.14 -0.01	57.16 6.97 -0.02	68.20 8.01 -0.01	69.50 7.89 -0.01	71.28 7.69 -0.01	68.79 7.26 -0.01	58.98 5.84 -0.01	52.94 4.64 0.00	47.67 3.86 0.00
PORT_JEFF_4 23616	36.99 3.54 0.00	31.63 3.21 0.00	28.61 2.51 0.00	29.62 2.49 0.00	28.55 2.60 0.00	29.59 2.57 0.00	28.86 3.00 0.00	31.97 3.25 0.00	35.92 3.96 -0.01	39.78 4.35 -0.01	43.19 3.82 0.00	44.46 3.71 0.00	45.23 4.22 0.00	48.43 4.60 0.00	48.43 5.11 -0.01	54.09 6.14 -0.01	57.16 6.97 -0.02	68.20 8.01 -0.01	69.50 7.89 -0.01	71.28 7.69 -0.01	68.79 7.26 -0.01	58.98 5.84 -0.01	52.94 4.64 0.00	47.67 3.86 0.00

PORT_JEFF_IC 23713	37.03 3.58 0.00	31.66 3.24 0.00	28.64 2.53 0.00	29.65 2.52 0.00	28.58 2.62 0.00	29.59 2.57 0.00	28.89 3.03 0.00	31.97 3.25 0.00	35.95 3.99 0.00	39.80 4.39 0.00	43.23 3.86 0.00	44.55 3.79 0.00	45.31 4.31 0.00	48.52 4.69 0.00	48.56 5.24 0.00	54.36 6.42 0.00	57.41 7.22 -0.01	68.31 8.13 0.00	69.80 8.19 0.00	71.59 8.01 0.00	69.04 7.51 0.00	59.34 6.22 0.00	53.38 5.07 0.00	47.85 4.03 0.00
PPL PILGRIM_ST_GT1 24216	37.26 3.81 0.00	31.77 3.35 0.00	28.77 2.66 0.00	29.81 2.69 0.00	28.73 2.78 0.00	29.78 2.76 0.00	28.99 3.13 0.00	32.11 3.39 0.00	36.08 4.12 -0.01	39.99 4.57 -0.01	43.46 4.09 0.00	44.71 3.95 0.00	45.48 4.47 0.00	48.66 4.82 0.00	48.65 5.33 -0.01	54.28 6.33 -0.01	57.36 7.17 -0.01	68.38 8.18 -0.01	69.74 8.13 -0.01	71.60 8.01 -0.01	69.16 7.63 -0.01	59.30 6.16 -0.01	53.28 4.98 0.00	47.98 4.16 0.00
PPL PILGRIM_ST_GT2 24217	37.26 3.81 0.00	31.77 3.35 0.00	28.77 2.66 0.00	29.81 2.69 0.00	28.73 2.78 0.00	29.78 2.76 0.00	28.99 3.13 0.00	32.11 3.39 0.00	36.08 4.12 -0.01	39.99 4.57 -0.01	43.46 4.09 0.00	44.71 3.95 0.00	45.48 4.47 0.00	48.66 4.82 0.00	48.65 5.33 -0.01	54.28 6.33 -0.01	57.36 7.17 -0.01	68.38 8.18 -0.01	69.74 8.13 -0.01	71.60 8.01 -0.01	69.16 7.63 -0.01	59.30 6.16 -0.01	53.28 4.98 0.00	47.98 4.16 0.00
PPL_SHRM_GT3 24213	36.56 3.11 0.00	31.37 2.96 0.00	28.37 2.27 0.00	29.26 2.14 0.00	28.21 2.26 0.00	29.24 2.22 0.00	28.76 2.90 0.00	31.71 2.99 0.00	35.70 3.74 -0.01	39.42 4.00 -0.01	42.79 3.42 0.00	44.06 3.30 0.00	44.91 3.90 0.00	48.08 4.25 0.00	48.13 4.81 -0.01	53.79 5.85 -0.01	56.96 6.77 -0.02	68.14 7.94 -0.01	69.43 7.82 -0.01	71.15 7.56 -0.01	68.67 7.13 -0.01	58.66 5.53 -0.01	52.56 4.25 0.00	47.28 3.46 0.00
PPL_SHRM_GT4 24214	36.56 3.11 0.00	31.37 2.96 0.00	28.37 2.27 0.00	29.26 2.14 0.00	28.21 2.26 0.00	29.24 2.22 0.00	28.76 2.90 0.00	31.71 2.99 0.00	35.70 3.74 -0.01	39.42 4.00 -0.01	42.79 3.42 0.00	44.06 3.30 0.00	44.91 3.90 0.00	48.08 4.25 0.00	48.13 4.81 -0.01	53.79 5.85 -0.01	56.96 6.77 -0.02	68.14 7.94 -0.01	69.43 7.82 -0.01	71.15 7.56 -0.01	68.67 7.13 -0.01	58.66 5.53 -0.01	52.56 4.25 0.00	47.28 3.46 0.00
PROJECT___ORANGE 1 24174	33.58 0.13 0.00	28.59 0.17 0.00	26.26 0.16 0.00	27.23 0.11 0.00	26.01 0.05 0.00	27.10 0.08 0.00	25.97 0.10 0.00	28.87 0.14 0.00	32.11 0.16 0.00	35.51 0.07 -0.02	39.85 0.20 -0.29	41.33 0.24 -0.33	41.59 0.25 -0.33	44.48 0.26 -0.38	43.90 0.22 -0.37	48.51 0.10 -0.48	50.27 0.10 0.00	60.25 0.06 0.00	61.79 0.18 0.00	64.63 0.38 -0.67	62.41 0.25 -0.64	53.72 0.11 -0.48	48.91 0.14 -0.47	44.44 0.22 -0.41
PROJECT___ORANGE 2 24166	33.58 0.13 0.00	28.59 0.17 0.00	26.26 0.16 0.00	27.23 0.11 0.00	26.01 0.05 0.00	27.10 0.08 0.00	25.97 0.10 0.00	28.87 0.14 0.00	32.11 0.16 0.00	35.51 0.07 -0.02	39.85 0.20 -0.29	41.33 0.24 -0.33	41.59 0.25 -0.33	44.48 0.26 -0.38	43.90 0.22 -0.37	48.51 0.10 -0.48	50.27 0.10 0.00	60.25 0.06 0.00	61.79 0.18 0.00	64.63 0.38 -0.67	62.41 0.25 -0.64	53.72 0.11 -0.48	48.91 0.14 -0.47	44.44 0.22 -0.41
PUCKETT___SOLAR 323809	34.45 1.00 0.00	29.41 0.99 0.00	27.04 0.94 0.00	27.99 0.87 0.00	26.76 0.81 0.00	27.91 0.89 0.00	26.77 0.90 0.00	29.70 0.98 0.00	33.07 1.12 0.00	36.58 1.17 0.00	40.67 1.30 0.00	42.10 1.34 0.00	42.32 1.31 0.00	45.24 1.40 0.00	44.70 1.39 0.00	49.38 1.44 0.00	51.73 1.56 0.00	62.24 2.05 0.00	63.82 2.21 0.00	66.38 2.79 0.00	64.23 2.70 0.00	55.46 2.34 0.00	50.43 2.12 0.00	45.83 2.02 0.00
PYRITES___HYD 24023	32.85 -0.60 0.00	27.79 -0.63 0.00	25.58 -0.52 0.00	26.53 -0.60 0.00	25.51 -0.44 0.00	26.43 -0.59 0.00	25.29 -0.57 0.00	28.09 -0.63 0.00	31.28 -0.67 0.00	34.78 -0.64 0.00	38.78 -0.59 0.00	40.14 -0.61 0.00	40.43 -0.57 0.00	43.18 -0.66 0.00	42.58 -0.74 0.00	47.13 -0.81 0.00	49.17 -1.00 0.00	59.05 -1.14 0.00	60.68 -0.92 0.00	63.07 -0.51 0.00	61.53 0.00 0.00	53.93 0.80 0.00	48.83 0.53 0.00	44.39 0.57 0.00
QUAKERRD_115KV_BK1 80622	33.05 -0.40 0.00	28.30 -0.11 0.00	25.97 -0.13 0.00	26.74 -0.38 0.00	25.36 -0.60 0.00	26.43 -0.59 0.00	25.53 -0.34 0.00	28.32 -0.40 0.00	31.63 -0.32 0.00	35.20 -0.21 0.00	39.45 0.08 0.00	40.92 0.16 0.00	41.17 0.16 0.00	44.01 0.18 0.00	43.14 -0.17 0.00	47.32 -0.62 0.00	49.17 -1.00 0.00	58.74 -1.44 0.00	60.19 -1.42 0.00	62.63 -0.95 0.00	60.42 -1.11 0.00	52.12 -1.01 0.00	47.77 -0.53 0.00	43.55 -0.26 0.00
QUENSBRY_115KV_TB8 356137	36.39 2.94 0.00	30.95 2.53 0.00	28.19 2.09 0.00	29.37 2.25 0.00	28.11 2.15 0.00	29.40 2.38 0.00	28.04 2.17 0.00	30.91 2.18 0.00	34.41 2.46 0.00	38.00 2.59 0.00	40.59 1.22 0.00	41.90 1.14 0.00	41.95 0.94 0.00	44.67 0.83 0.00	44.36 1.04 0.00	49.52 1.58 0.00	51.98 1.81 0.00	62.60 2.41 0.00	64.99 3.39 0.00	67.21 3.62 0.00	65.28 3.75 0.00	56.32 3.19 0.00	51.15 2.85 0.00	46.31 2.50 0.00
RAMAPO___LBMP 323565	36.06 2.61 0.00	30.63 2.22 0.00	28.01 1.91 0.00	29.13 2.01 0.00	28.01 2.05 0.00	29.13 2.11 0.00	27.93 2.07 0.00	31.08 2.36 0.00	34.64 2.68 0.00	38.32 2.90 0.00	42.28 2.91 0.00	43.73 2.98 0.00	44.08 3.08 0.00	47.16 3.33 0.00	46.96 3.64 0.00	52.25 4.31 0.00	54.99 4.82 0.00	65.97 5.78 0.00	67.39 5.79 0.00	69.43 5.85 0.00	67.07 5.54 0.00	57.33 4.20 0.00	51.97 3.67 0.00	46.93 3.11 0.00
RANKINE____ 23646	33.32 -0.13 0.00	28.81 0.40 0.00	26.50 0.39 0.00	27.07 -0.05 0.00	25.46 -0.49 0.00	26.67 -0.35 0.00	26.04 0.18 0.00	28.70 -0.03 0.00	32.05 0.10 0.00	35.73 0.32 0.00	40.00 0.63 0.00	41.57 0.82 0.00	41.83 0.82 0.00	44.84 1.01 0.00	43.66 0.35 0.00	47.60 -0.34 0.00	49.47 -0.70 0.00	58.93 -1.26 0.00	60.49 -1.11 0.00	63.84 0.25 0.00	61.28 -0.25 0.00	52.54 -0.58 0.00	48.69 0.39 0.00	44.56 0.74 0.00
RAVENSWOOD_GT2_1 24244	36.49 3.04 0.00	30.97 2.56 0.00	28.25 2.14 0.00	29.43 2.31 0.00	28.29 2.34 0.00	29.37 2.35 0.00	28.24 2.38 0.00	31.43 2.70 0.00	35.02 3.07 0.00	38.78 3.36 0.00	42.75 3.39 0.00	44.26 3.51 0.00	44.58 3.57 0.00	47.69 3.86 0.00	47.56 4.25 0.00	52.93 4.99 0.00	55.74 5.57 0.00	66.87 6.68 0.00	68.26 6.65 0.00	70.26 6.68 0.00	67.80 6.28 0.00	57.86 4.73 0.00	52.55 4.25 0.00	47.54 3.72 0.00
RAVENSWOOD_GT2_2 24245	36.49 3.04 0.00	30.97 2.56 0.00	28.25 2.14 0.00	29.43 2.31 0.00	28.29 2.34 0.00	29.37 2.35 0.00	28.24 2.38 0.00	31.43 2.70 0.00	35.02 3.07 0.00	38.78 3.36 0.00	42.75 3.39 0.00	44.26 3.51 0.00	44.58 3.57 0.00	47.69 3.86 0.00	47.56 4.25 0.00	52.93 4.99 0.00	55.74 5.57 0.00	66.87 6.68 0.00	68.26 6.65 0.00	70.26 6.68 0.00	67.80 6.28 0.00	57.86 4.73 0.00	52.55 4.25 0.00	47.54 3.72 0.00



RAVENSWOOD_GT2_3 24246	36.53 3.08 0.00	31.00 2.59 0.00	28.27 2.17 0.00	29.43 2.31 0.00	28.29 2.34 0.00	29.40 2.38 0.00	28.27 2.41 0.00	31.45 2.73 0.00	35.05 3.10 0.00	38.78 3.36 0.00	42.79 3.43 0.00	44.26 3.51 0.00	44.62 3.61 0.00	47.69 3.86 0.00	47.61 4.29 0.00	52.97 5.03 0.00	55.79 5.62 0.00	66.87 6.68 0.00	68.32 6.71 0.00	70.32 6.74 0.00	67.87 6.34 0.00	57.86 4.73 0.00	52.60 4.30 0.00	47.54 3.72 0.00
RAVENSWOOD_GT2_4 24247	36.53 3.08 0.00	31.00 2.59 0.00	28.27 2.17 0.00	29.43 2.31 0.00	28.29 2.34 0.00	29.40 2.38 0.00	28.27 2.41 0.00	31.45 2.73 0.00	35.05 3.10 0.00	38.78 3.36 0.00	42.79 3.43 0.00	44.26 3.51 0.00	44.62 3.61 0.00	47.69 3.86 0.00	47.61 4.29 0.00	52.97 5.03 0.00	55.79 5.62 0.00	66.87 6.68 0.00	68.32 6.71 0.00	70.32 6.74 0.00	67.87 6.34 0.00	57.86 4.73 0.00	52.60 4.30 0.00	47.54 3.72 0.00
RAVENSWOOD_GT3_1 24248	36.49 3.04 0.00	30.97 2.56 0.00	28.27 2.17 0.00	29.43 2.31 0.00	28.29 2.34 0.00	29.40 2.38 0.00	28.24 2.38 0.00	31.43 2.70 0.00	35.02 3.07 0.00	38.78 3.36 0.00	42.75 3.39 0.00	44.26 3.51 0.00	44.62 3.61 0.00	47.69 3.86 0.00	47.56 4.25 0.00	52.93 4.99 0.00	55.79 5.62 0.00	66.87 6.68 0.00	68.26 6.65 0.00	70.26 6.68 0.00	67.80 6.28 0.00	57.86 4.73 0.00	52.55 4.25 0.00	47.54 3.72 0.00
RAVENSWOOD_GT3_2 24249	36.49 3.04 0.00	30.97 2.56 0.00	28.27 2.17 0.00	29.43 2.31 0.00	28.29 2.34 0.00	29.40 2.38 0.00	28.24 2.38 0.00	31.43 2.70 0.00	35.02 3.07 0.00	38.78 3.36 0.00	42.75 3.39 0.00	44.26 3.51 0.00	44.62 3.61 0.00	47.69 3.86 0.00	47.56 4.25 0.00	52.93 4.99 0.00	55.79 5.62 0.00	66.87 6.68 0.00	68.26 6.65 0.00	70.26 6.68 0.00	67.80 6.28 0.00	57.86 4.73 0.00	52.55 4.25 0.00	47.54 3.72 0.00
RAVENSWOOD_GT3_3 24250	36.56 3.11 0.00	31.03 2.61 0.00	28.30 2.19 0.00	29.48 2.36 0.00	28.32 2.36 0.00	29.43 2.40 0.00	28.29 2.43 0.00	31.48 2.76 0.00	35.08 3.13 0.00	38.85 3.44 0.00	42.83 3.46 0.00	44.34 3.59 0.00	44.70 3.69 0.00	47.78 3.95 0.00	47.65 4.33 0.00	53.02 5.08 0.00	55.89 5.72 0.00	66.99 6.80 0.00	68.44 6.84 0.00	70.38 6.80 0.00	67.99 6.46 0.00	57.96 4.83 0.00	52.65 4.35 0.00	47.63 3.81 0.00
RAVENSWOOD_GT3_4 24251	36.56 3.11 0.00	31.03 2.61 0.00	28.30 2.19 0.00	29.48 2.36 0.00	28.32 2.36 0.00	29.43 2.40 0.00	28.29 2.43 0.00	31.48 2.76 0.00	35.08 3.13 0.00	38.85 3.44 0.00	42.83 3.46 0.00	44.34 3.59 0.00	44.70 3.69 0.00	47.78 3.95 0.00	47.65 4.33 0.00	53.02 5.08 0.00	55.89 5.72 0.00	66.99 6.80 0.00	68.44 6.84 0.00	70.38 6.80 0.00	67.99 6.46 0.00	57.96 4.83 0.00	52.65 4.35 0.00	47.63 3.81 0.00
RAVENSWOOD_GT_1 23729	36.67 3.21 -0.01	31.13 2.70 -0.01	28.38 2.27 0.00	29.56 2.44 0.00	28.43 2.47 -0.01	29.45 2.43 0.00	28.29 2.43 0.00	31.51 2.79 0.00	35.05 3.10 0.00	38.78 3.36 0.00	42.79 3.43 0.00	44.30 3.55 0.00	44.66 3.65 0.00	47.69 3.86 0.00	47.61 4.29 0.00	52.97 5.03 0.00	55.79 5.62 0.00	66.81 6.62 0.00	68.26 6.65 0.00	70.19 6.61 0.00	67.80 6.28 0.00	57.75 4.62 0.00	52.60 4.30 0.00	47.72 3.90 0.00
RAVENSWOOD_GT_10 24258	36.49 3.04 0.00	30.97 2.56 0.00	28.25 2.14 0.00	29.43 2.31 0.00	28.29 2.34 0.00	29.40 2.38 0.00	28.24 2.38 0.00	31.43 2.70 0.00	35.02 3.07 0.00	38.78 3.36 0.00	42.75 3.39 0.00	44.26 3.51 0.00	44.62 3.61 0.00	47.69 3.86 0.00	47.56 4.25 0.00	52.93 4.99 0.00	55.79 5.62 0.00	66.87 6.68 0.00	68.32 6.71 0.00	70.26 6.68 0.00	67.80 6.28 0.00	57.86 4.73 0.00	52.55 4.25 0.00	47.54 3.72 0.00
RAVENSWOOD_GT_11 24259	36.49 3.04 0.00	30.97 2.56 0.00	28.25 2.14 0.00	29.43 2.31 0.00	28.29 2.34 0.00	29.40 2.38 0.00	28.24 2.38 0.00	31.43 2.70 0.00	35.02 3.07 0.00	38.78 3.36 0.00	42.75 3.39 0.00	44.26 3.51 0.00	44.62 3.61 0.00	47.69 3.86 0.00	47.56 4.25 0.00	52.93 4.99 0.00	55.79 5.62 0.00	66.87 6.68 0.00	68.32 6.71 0.00	70.26 6.68 0.00	67.80 6.28 0.00	57.86 4.73 0.00	52.55 4.25 0.00	47.54 3.72 0.00
RAVENSWOOD_GT_4 24252	36.45 3.01 0.01	30.94 2.53 0.01	28.25 2.14 0.00	29.40 2.28 0.00	28.26 2.31 0.01	29.37 2.35 0.00	28.24 2.38 0.00	31.43 2.70 0.00	35.05 3.10 0.00	38.78 3.36 0.00	42.75 3.39 0.00	44.26 3.51 0.00	44.62 3.61 0.00	47.69 3.86 0.00	47.56 4.25 0.00	52.93 4.99 0.00	55.79 5.62 0.00	66.87 6.68 0.00	68.32 6.71 0.00	70.26 6.68 0.00	67.87 6.34 0.00	57.91 4.78 0.00	52.55 4.25 0.00	47.50 3.68 0.00
RAVENSWOOD_GT_5 24254	36.45 3.01 0.01	30.94 2.53 0.01	28.25 2.14 0.00	29.40 2.28 0.00	28.26 2.31 0.01	29.37 2.35 0.00	28.24 2.38 0.00	31.43 2.70 0.00	35.05 3.10 0.00	38.78 3.36 0.00	42.75 3.39 0.00	44.26 3.51 0.00	44.62 3.61 0.00	47.69 3.86 0.00	47.56 4.25 0.00	52.93 4.99 0.00	55.79 5.62 0.00	66.87 6.68 0.00	68.32 6.71 0.00	70.26 6.68 0.00	67.87 6.34 0.00	57.91 4.78 0.00	52.55 4.25 0.00	47.50 3.68 0.00
RAVENSWOOD_GT_6 24253	36.45 3.01 0.01	30.94 2.53 0.01	28.25 2.14 0.00	29.40 2.28 0.00	28.26 2.31 0.01	29.37 2.35 0.00	28.24 2.38 0.00	31.43 2.70 0.00	35.05 3.10 0.00	38.78 3.36 0.00	42.75 3.39 0.00	44.26 3.51 0.00	44.62 3.61 0.00	47.69 3.86 0.00	47.56 4.25 0.00	52.93 4.99 0.00	55.79 5.62 0.00	66.87 6.68 0.00	68.32 6.71 0.00	70.26 6.68 0.00	67.87 6.34 0.00	57.91 4.78 0.00	52.55 4.25 0.00	47.50 3.68 0.00
RAVENSWOOD_GT_7 24255	36.45 3.01 0.01	30.94 2.53 0.01	28.25 2.14 0.00	29.40 2.28 0.00	28.26 2.31 0.01	29.37 2.35 0.00	28.24 2.38 0.00	31.43 2.70 0.00	35.05 3.10 0.00	38.78 3.36 0.00	42.75 3.39 0.00	44.26 3.51 0.00	44.62 3.61 0.00	47.69 3.86 0.00	47.56 4.25 0.00	52.93 4.99 0.00	55.79 5.62 0.00	66.87 6.68 0.00	68.32 6.71 0.00	70.26 6.68 0.00	67.87 6.34 0.00	57.91 4.78 0.00	52.55 4.25 0.00	47.50 3.68 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.49 3.04 0.00	30.97 2.56 0.00	28.25 2.14 0.00	29.43 2.31 0.00	28.29 2.34 0.00	29.40 2.38 0.00	28.24 2.38 0.00	31.43 2.70 0.00	35.02 3.07 0.00	38.78 3.36 0.00	42.75 3.39 0.00	44.26 3.51 0.00	44.62 3.61 0.00	47.69 3.86 0.00	47.56 4.25 0.00	52.93 4.99 0.00	55.79 5.62 0.00	66.87 6.68 0.00	68.32 6.71 0.00	70.26 6.68 0.00	67.80 6.28 0.00	57.86 4.73 0.00	52.55 4.25 0.00	47.54 3.72 0.00
RAVENSWOOD_GT_9 24257	36.49 3.04 0.00	30.97 2.56 0.00	28.25 2.14 0.00	29.43 2.31 0.00	28.29 2.34 0.00	29.40 2.38 0.00	28.24 2.38 0.00	31.43 2.70 0.00	35.02 3.07 0.00	38.78 3.36 0.00	42.75 3.39 0.00	44.26 3.51 0.00	44.62 3.61 0.00	47.69 3.86 0.00	47.56 4.25 0.00	52.93 4.99 0.00	55.79 5.62 0.00	66.87 6.68 0.00	68.32 6.71 0.00	70.26 6.68 0.00	67.80 6.28 0.00	57.86 4.73 0.00	52.55 4.25 0.00	47.54 3.72 0.00

RAVENSWOOD___1 23533	36.67 3.21 -0.01	31.13 2.70 -0.01	28.35 2.25 0.00	29.54 2.41 0.00	28.38 2.41 -0.01	29.43 2.40 0.00	28.29 2.43 0.00	31.48 2.76 0.00	35.02 3.07 0.00	38.78 3.37 0.00	42.75 3.39 0.00	44.26 3.51 0.00	44.66 3.65 0.00	47.69 3.86 0.00	47.61 4.29 0.00	52.93 4.99 0.00	55.59 5.42 0.00	66.39 6.20 0.00	67.76 6.16 0.00	69.69 6.10 0.00	67.31 5.78 0.00	57.32 4.20 0.00	52.31 4.01 0.00	47.59 3.77 0.00
RAVENSWOOD___2 23534	36.64 3.18 -0.01	31.10 2.67 -0.01	28.35 2.25 0.00	29.54 2.41 0.00	28.35 2.39 -0.01	29.43 2.40 0.00	28.29 2.43 0.00	31.48 2.76 0.00	35.02 3.07 0.00	38.74 3.33 0.00	42.75 3.39 0.00	44.26 3.51 0.00	44.62 3.61 0.00	47.65 3.81 0.00	47.61 4.29 0.00	52.93 4.99 0.00	55.59 5.42 0.00	66.39 6.20 0.00	67.70 6.10 0.00	69.62 6.04 0.00	67.31 5.78 0.00	57.32 4.20 0.00	52.31 4.01 0.00	47.59 3.77 0.00
RAVENSWOOD___3 23535	36.49 3.04 0.00	30.98 2.56 0.00	28.27 2.17 0.00	29.43 2.30 0.00	28.26 2.31 0.00	29.40 2.38 0.00	28.27 2.41 0.00	31.43 2.70 0.00	35.02 3.07 0.00	38.78 3.37 0.00	42.75 3.39 0.00	44.26 3.51 0.00	44.62 3.61 0.00	47.69 3.86 0.00	47.56 4.25 0.00	52.88 4.94 0.00	55.64 5.47 0.00	66.57 6.38 0.00	67.89 6.29 0.00	69.82 6.23 0.00	67.44 5.91 0.00	57.49 4.36 0.00	52.31 4.01 0.00	47.45 3.63 0.00
RAVENSWOOD___4 23820	36.64 3.18 -0.01	31.09 2.67 -0.01	28.35 2.25 0.00	29.51 2.39 0.00	28.35 2.39 -0.01	29.43 2.40 0.00	28.27 2.41 0.00	31.48 2.76 0.00	35.02 3.07 0.00	38.74 3.33 0.00	42.75 3.39 0.00	44.26 3.51 0.00	44.62 3.61 0.00	47.65 3.81 0.00	47.56 4.25 0.00	52.93 4.99 0.00	55.59 5.42 0.00	66.39 6.20 0.00	67.70 6.10 0.00	69.62 6.04 0.00	67.31 5.78 0.00	57.32 4.20 0.00	52.31 4.01 0.00	47.59 3.77 0.00
RCPL_TRUST___DRP 24196	36.49 3.04 0.00	31.00 2.59 0.00	28.27 2.17 0.00	29.43 2.31 0.00	28.29 2.34 0.00	29.40 2.38 0.00	28.27 2.41 0.00	31.45 2.73 0.00	35.08 3.13 0.00	38.81 3.40 0.00	42.83 3.46 0.00	44.30 3.55 0.00	44.66 3.65 0.00	47.73 3.90 0.00	47.65 4.33 0.00	52.97 5.03 0.00	55.84 5.67 0.00	66.99 6.80 0.00	68.38 6.78 0.00	70.38 6.80 0.00	67.93 6.40 0.00	57.96 4.83 0.00	52.65 4.35 0.00	47.54 3.72 0.00
RED___ROCHESTER 323720	34.02 0.57 0.00	29.18 0.77 0.00	26.76 0.65 0.00	27.50 0.38 0.00	26.06 0.10 0.00	27.10 0.08 0.00	26.25 0.39 0.00	29.10 0.37 0.00	32.53 0.58 0.00	36.26 0.85 0.00	40.75 1.38 0.00	42.30 1.55 0.00	42.57 1.56 0.00	45.50 1.67 0.00	44.53 1.21 0.00	48.90 0.96 0.00	50.78 0.60 0.00	61.15 0.96 0.00	62.34 0.74 0.00	64.73 1.15 0.00	62.69 1.17 0.00	54.51 1.38 0.00	49.75 1.45 0.00	45.18 1.36 0.00
REGAN___SOLAR 323812	36.36 2.91 0.00	30.92 2.50 0.00	28.22 2.11 0.00	29.40 2.28 0.00	28.14 2.18 0.00	29.37 2.35 0.00	28.01 2.15 0.00	30.82 2.10 0.00	34.22 2.27 0.00	37.82 2.41 0.00	41.73 2.36 0.00	43.04 2.28 0.00	43.18 2.17 0.00	46.20 2.37 0.00	45.83 2.51 0.00	50.96 3.02 0.00	53.48 3.31 0.00	64.46 4.27 0.00	66.47 4.87 0.00	68.92 5.34 0.00	66.88 5.35 0.00	57.70 4.57 0.00	52.50 4.20 0.00	47.59 3.77 0.00
RENSSELAER___COGEN 23796	34.32 0.87 0.00	29.21 0.79 0.00	26.78 0.68 0.00	27.91 0.79 0.00	26.73 0.78 0.00	27.86 0.84 0.00	26.56 0.70 0.00	29.44 0.72 0.00	32.69 0.74 0.00	36.16 0.74 0.00	39.88 0.51 0.00	41.21 0.45 0.00	41.46 0.45 0.00	44.32 0.48 0.00	44.01 0.69 0.00	48.90 0.96 0.00	51.23 1.06 0.00	61.45 1.27 0.00	62.90 1.30 0.00	64.85 1.27 0.00	62.76 1.23 0.00	53.98 0.85 0.00	49.07 0.77 0.00	44.48 0.66 0.00
REPUBLIC_115KV_BARTNBRK 55605	38.07 4.62 0.00	32.34 3.92 0.00	29.26 3.16 0.00	30.54 3.42 0.00	29.17 3.22 0.00	30.64 3.62 0.00	29.17 3.31 0.00	31.91 3.19 0.00	35.53 3.58 0.00	39.27 3.86 0.00	42.05 2.68 0.00	43.36 2.61 0.00	43.22 2.21 0.00	46.07 2.24 0.00	45.74 2.43 0.00	51.25 3.31 0.00	53.78 3.61 0.00	65.00 4.82 0.00	67.82 6.22 0.00	70.45 6.87 0.00	68.48 6.95 0.00	59.19 6.06 0.00	53.86 5.55 0.00	48.81 5.00 0.00
REVERE_CPPR_DRP 24186	34.55 1.10 0.00	29.41 0.99 0.00	26.99 0.89 0.00	27.96 0.84 0.00	26.86 0.91 0.00	27.97 0.95 0.00	26.66 0.80 0.00	29.65 0.92 0.00	33.01 1.05 0.00	36.51 1.10 0.00	40.63 1.26 0.00	41.98 1.22 0.00	42.16 1.15 0.00	45.02 1.18 0.00	44.53 1.21 0.00	49.19 1.25 0.00	51.53 1.35 0.00	61.93 1.75 0.00	63.76 2.16 0.00	66.19 2.61 0.00	64.11 2.58 0.00	55.57 2.44 0.00	50.43 2.13 0.00	45.83 2.02 0.00
REYNLDPA_13_KV_LD 356490	32.51 -0.94 0.00	27.51 -0.91 0.00	25.32 -0.78 0.00	26.28 -0.84 0.00	25.18 -0.78 0.00	26.10 -0.92 0.00	25.06 -0.80 0.00	27.89 -0.83 0.00	31.09 -0.86 0.00	34.63 -0.78 0.00	38.66 -0.71 0.00	40.06 -0.69 0.00	40.39 -0.62 0.00	43.13 -0.70 0.00	42.54 -0.78 0.00	47.03 -0.91 0.00	49.07 -1.10 0.00	58.74 -1.44 0.00	60.12 -1.48 0.00	62.06 -1.53 0.00	60.36 -1.17 0.00	52.54 -0.58 0.00	47.72 -0.58 0.00	43.29 -0.53 0.00
REYNOLDS_115KV_TB3 80639	34.52 1.07 0.00	29.38 0.97 0.00	26.97 0.86 0.00	28.07 0.95 0.00	26.89 0.93 0.00	28.02 1.00 0.00	26.74 0.88 0.00	29.65 0.92 0.00	32.94 0.99 0.00	36.40 0.99 0.00	40.20 0.83 0.00	41.53 0.77 0.00	41.75 0.74 0.00	44.67 0.83 0.00	44.36 1.04 0.00	49.28 1.34 0.00	51.68 1.51 0.00	62.05 1.87 0.00	63.51 1.91 0.00	65.49 1.91 0.00	63.31 1.78 0.00	54.51 1.38 0.00	49.51 1.21 0.00	44.82 1.01 0.00
RIVERBAY____ 323610	36.97 3.51 -0.01	31.41 2.98 -0.01	28.64 2.53 0.00	29.83 2.71 0.00	28.74 2.78 -0.01	29.62 2.59 0.00	28.45 2.59 0.00	31.63 2.90 0.00	35.15 3.20 0.00	38.88 3.47 0.00	42.87 3.50 0.00	44.38 3.63 0.00	44.78 3.77 0.00	47.82 3.99 0.00	47.74 4.42 0.00	53.21 5.27 0.00	55.99 5.82 0.00	67.17 6.98 0.00	68.69 7.08 0.00	70.64 7.06 0.00	68.24 6.71 0.00	58.12 4.99 0.00	53.09 4.78 0.00	48.37 4.56 0.00
RIVERSDE_115KV_TB3 55908	34.45 1.00 0.00	29.33 0.91 0.00	26.89 0.78 0.00	28.02 0.90 0.00	26.84 0.88 0.00	27.94 0.92 0.00	26.66 0.80 0.00	29.56 0.83 0.00	32.81 0.86 0.00	36.30 0.89 0.00	40.04 0.67 0.00	41.37 0.61 0.00	41.62 0.62 0.00	44.53 0.70 0.00	44.18 0.87 0.00	49.14 1.20 0.00	51.53 1.35 0.00	61.87 1.69 0.00	63.27 1.66 0.00	65.30 1.72 0.00	63.13 1.60 0.00	54.40 1.28 0.00	49.41 1.11 0.00	44.74 0.92 0.00
ROARING___BROOK_WT_PWR 323790	32.41 -1.04 0.00	27.51 -0.91 0.00	25.30 -0.81 0.00	26.28 -0.84 0.00	25.18 -0.78 0.00	26.21 -0.81 0.00	25.09 -0.78 0.00	27.92 -0.80 0.00	31.12 -0.83 0.00	34.60 -0.81 0.00	38.50 -0.87 0.00	39.90 -0.86 0.00	40.19 -0.82 0.00	42.96 -0.88 0.00	42.49 -0.82 0.00	47.03 -0.91 0.00	49.22 -0.95 0.00	59.04 -1.15 0.00	60.50 -1.11 0.00	62.56 -1.02 0.00	60.67 -0.86 0.00	52.55 -0.58 0.00	47.77 -0.53 0.00	43.34 -0.48 0.00

ROCHESRG_115KV_T4 355643	33.65 0.20 0.00	28.87 0.45 0.00	26.50 0.39 0.00	27.23 0.11 0.00	25.77 -0.18 0.00	26.86 -0.16 0.00	26.02 0.16 0.00	28.84 0.11 0.00	32.18 0.22 0.00	35.80 0.39 0.00	40.16 0.79 0.00	41.65 0.90 0.00	41.91 0.90 0.00	44.80 0.96 0.00	43.88 0.56 0.00	48.08 0.14 0.00	49.92 -0.25 0.00	59.59 -0.60 0.00	61.11 -0.49 0.00	63.64 0.06 0.00	61.34 -0.18 0.00	52.92 -0.21 0.00	48.55 0.24 0.00	44.34 0.53 0.00
ROCHESTER_9_IC 23652	33.85 0.40 0.00	29.04 0.63 0.00	26.63 0.52 0.00	27.37 0.24 0.00	25.90 -0.05 0.00	26.99 -0.03 0.00	26.15 0.28 0.00	28.96 0.23 0.00	32.37 0.42 0.00	36.05 0.64 0.00	40.43 1.06 0.00	41.98 1.22 0.00	42.24 1.23 0.00	45.15 1.32 0.00	44.23 0.91 0.00	48.42 0.48 0.00	50.22 0.05 0.00	60.01 -0.18 0.00	61.48 -0.12 0.00	64.03 0.45 0.00	61.77 0.25 0.00	53.29 0.16 0.00	48.88 0.58 0.00	44.65 0.83 0.00
ROCKVIEW_13_KV_LD 356306	36.43 2.98 0.00	30.92 2.50 0.00	28.22 2.11 0.00	29.40 2.28 0.00	28.24 2.28 0.00	29.37 2.35 0.00	28.22 2.35 0.00	31.43 2.70 0.00	35.05 3.10 0.00	38.81 3.40 0.00	42.79 3.43 0.00	44.34 3.59 0.00	44.66 3.65 0.00	47.78 3.95 0.00	47.69 4.38 0.00	53.07 5.13 0.00	56.09 5.92 0.00	67.35 7.16 0.00	68.75 7.15 0.00	70.70 7.12 0.00	68.17 6.65 0.00	58.07 4.94 0.00	52.65 4.35 0.00	47.50 3.68 0.00
ROME____115KV_TB2 80656	34.55 1.10 0.00	29.41 0.99 0.00	26.99 0.89 0.00	27.96 0.84 0.00	26.86 0.91 0.00	27.97 0.95 0.00	26.66 0.80 0.00	29.65 0.92 0.00	33.01 1.05 0.00	36.51 1.10 0.00	40.63 1.26 0.00	41.98 1.22 0.00	42.16 1.15 0.00	45.02 1.18 0.00	44.53 1.21 0.00	49.19 1.25 0.00	51.53 1.35 0.00	61.93 1.75 0.00	63.76 2.16 0.00	66.19 2.61 0.00	64.11 2.58 0.00	55.57 2.44 0.00	50.43 2.13 0.00	45.83 2.02 0.00
ROSETON____1 23587	35.82 2.38 0.00	30.46 2.05 0.00	27.85 1.75 0.00	28.99 1.87 0.00	27.85 1.89 0.00	28.97 1.95 0.00	27.75 1.89 0.00	30.88 2.16 0.00	34.38 2.43 0.00	38.03 2.62 0.00	41.97 2.60 0.00	43.40 2.65 0.00	43.71 2.71 0.00	46.73 2.89 0.00	46.48 3.16 0.00	51.63 3.69 0.00	54.29 4.11 0.00	65.06 4.87 0.00	66.41 4.81 0.00	68.35 4.77 0.00	66.08 4.55 0.00	56.48 3.35 0.00	51.30 3.00 0.00	46.45 2.63 0.00
ROSETON____2 23588	35.82 2.38 0.00	30.46 2.05 0.00	27.85 1.75 0.00	28.99 1.87 0.00	27.85 1.89 0.00	28.97 1.95 0.00	27.75 1.89 0.00	30.88 2.16 0.00	34.38 2.43 0.00	38.03 2.62 0.00	41.97 2.60 0.00	43.40 2.65 0.00	43.71 2.71 0.00	46.73 2.89 0.00	46.48 3.16 0.00	51.63 3.69 0.00	54.29 4.11 0.00	65.06 4.87 0.00	66.41 4.81 0.00	68.35 4.77 0.00	66.08 4.55 0.00	56.48 3.35 0.00	51.30 3.00 0.00	46.45 2.63 0.00
ROTTRDAM_115KV_TB3 80664	34.82 1.37 0.00	29.61 1.19 0.00	27.17 1.07 0.00	28.29 1.17 0.00	27.07 1.12 0.00	28.21 1.19 0.00	26.95 1.09 0.00	29.85 1.12 0.00	33.17 1.21 0.00	36.65 1.24 0.00	40.47 1.10 0.00	41.86 1.10 0.00	42.07 1.07 0.00	44.97 1.14 0.00	44.57 1.26 0.00	49.52 1.58 0.00	51.93 1.76 0.00	62.42 2.23 0.00	63.94 2.34 0.00	66.06 2.48 0.00	63.93 2.40 0.00	55.09 1.97 0.00	50.04 1.74 0.00	45.31 1.49 0.00
RUSSELL____1 23602	34.02 0.57 0.00	29.18 0.77 0.00	26.76 0.65 0.00	27.50 0.38 0.00	26.01 0.05 0.00	27.10 0.08 0.00	26.22 0.36 0.00	29.10 0.37 0.00	32.53 0.58 0.00	36.26 0.85 0.00	40.75 1.38 0.00	42.31 1.55 0.00	42.57 1.56 0.00	45.50 1.67 0.00	44.53 1.21 0.00	48.75 0.81 0.00	50.57 0.40 0.00	60.37 0.18 0.00	61.85 0.25 0.00	64.41 0.83 0.00	62.14 0.62 0.00	53.66 0.53 0.00	49.22 0.92 0.00	44.91 1.10 0.00
RUSSELL____2 23532	34.02 0.57 0.00	29.18 0.77 0.00	26.76 0.65 0.00	27.50 0.38 0.00	26.01 0.05 0.00	27.10 0.08 0.00	26.22 0.36 0.00	29.10 0.37 0.00	32.53 0.58 0.00	36.26 0.85 0.00	40.75 1.38 0.00	42.31 1.55 0.00	42.57 1.56 0.00	45.50 1.67 0.00	44.53 1.21 0.00	48.75 0.81 0.00	50.57 0.40 0.00	60.37 0.18 0.00	61.85 0.25 0.00	64.41 0.83 0.00	62.14 0.62 0.00	53.66 0.53 0.00	49.22 0.92 0.00	44.91 1.10 0.00
RUSSELL____3 23549	34.02 0.57 0.00	29.18 0.77 0.00	26.76 0.65 0.00	27.50 0.38 0.00	26.01 0.05 0.00	27.10 0.08 0.00	26.22 0.36 0.00	29.10 0.37 0.00	32.53 0.58 0.00	36.26 0.85 0.00	40.75 1.38 0.00	42.31 1.55 0.00	42.57 1.56 0.00	45.50 1.67 0.00	44.53 1.21 0.00	48.75 0.81 0.00	50.57 0.40 0.00	60.37 0.18 0.00	61.85 0.25 0.00	64.41 0.83 0.00	62.14 0.62 0.00	53.66 0.53 0.00	49.22 0.92 0.00	44.91 1.10 0.00
RUSSELL____4 23556	34.02 0.57 0.00	29.18 0.77 0.00	26.76 0.65 0.00	27.50 0.38 0.00	26.01 0.05 0.00	27.10 0.08 0.00	26.22 0.36 0.00	29.10 0.37 0.00	32.53 0.58 0.00	36.26 0.85 0.00	40.75 1.38 0.00	42.31 1.55 0.00	42.57 1.56 0.00	45.50 1.67 0.00	44.53 1.21 0.00	48.75 0.81 0.00	50.57 0.40 0.00	60.37 0.18 0.00	61.85 0.25 0.00	64.41 0.83 0.00	62.14 0.62 0.00	53.66 0.53 0.00	49.22 0.92 0.00	44.91 1.10 0.00
RUSSELL____STATION 23914	34.02 0.57 0.00	29.18 0.77 0.00	26.76 0.65 0.00	27.50 0.38 0.00	26.01 0.05 0.00	27.10 0.08 0.00	26.22 0.36 0.00	29.10 0.37 0.00	32.53 0.58 0.00	36.26 0.85 0.00	40.75 1.38 0.00	42.31 1.55 0.00	42.57 1.56 0.00	45.50 1.67 0.00	44.53 1.21 0.00	48.75 0.81 0.00	50.57 0.40 0.00	60.37 0.18 0.00	61.85 0.25 0.00	64.41 0.83 0.00	62.14 0.62 0.00	53.66 0.53 0.00	49.22 0.92 0.00	44.91 1.10 0.00
S SALMON____HYD 24043	33.52 0.07 0.00	28.53 0.11 0.00	26.21 0.10 0.00	27.15 0.03 0.00	26.01 0.05 0.00	27.08 0.05 0.00	25.86 0.00 0.00	28.75 0.03 0.00	31.95 0.00 0.00	35.45 -0.11 -0.15	41.30 -0.04 -1.98	42.86 -0.12 -2.23	43.04 -0.24 -2.27	46.13 -0.30 -2.60	45.47 -0.35 -2.50	50.78 -0.43 -3.27	49.47 -0.70 0.00	59.53 -0.66 0.00	61.24 -0.37 0.00	68.14 0.00 -4.56	66.09 0.19 -4.38	56.69 0.27 -3.30	51.77 0.29 -3.18	47.08 0.48 -2.78
S.PERRY__115KV_TB1 80734	34.45 1.00 0.00	29.58 1.17 0.00	27.15 1.04 0.00	27.91 0.79 0.00	26.40 0.44 0.00	27.56 0.54 0.00	26.66 0.80 0.00	29.50 0.78 0.00	32.75 0.80 0.00	36.12 0.71 0.00	40.31 0.94 0.00	41.86 1.10 0.00	42.07 1.07 0.00	44.93 1.10 0.00	43.92 0.61 0.00	48.08 0.14 0.00	48.52 -1.66 0.00	58.32 -1.87 0.00	60.43 -1.17 0.00	63.96 0.38 0.00	62.02 0.49 0.00	53.66 0.53 0.00	49.32 1.01 0.00	46.49 2.67 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.32 -0.13 0.00	28.81 0.40 0.00	26.47 0.37 0.00	27.04 -0.08 0.00	25.41 -0.55 0.00	26.59 -0.43 0.00	25.97 0.10 0.00	28.64 -0.09 0.00	31.95 0.00 0.00	35.63 0.21 0.00	39.88 0.51 0.00	41.45 0.69 0.00	41.71 0.70 0.00	44.67 0.83 0.00	43.49 0.17 0.00	47.41 -0.53 0.00	49.22 -0.95 0.00	58.62 -1.56 0.00	60.19 -1.42 0.00	63.39 -0.19 0.00	60.79 -0.74 0.00	52.07 -1.06 0.00	48.30 0.00 0.00	44.26 0.44 0.00

SAWYER___23_KV_LOAD 55526	33.32 -0.13 0.00	28.81 0.40 0.00	26.47 0.37 0.00	27.04 -0.08 0.00	25.41 -0.55 0.00	26.59 -0.43 0.00	25.97 0.10 0.00	28.64 -0.09 0.00	31.95 0.00 0.00	35.63 0.21 0.00	39.88 0.51 0.00	41.45 0.69 0.00	41.71 0.70 0.00	44.67 0.83 0.00	43.49 0.17 0.00	47.41 -0.53 0.00	49.22 -0.95 0.00	58.62 -1.56 0.00	60.19 -1.42 0.00	63.39 -0.19 0.00	60.79 -0.74 0.00	52.07 -1.06 0.00	48.30 0.00 0.00	44.26 0.44 0.00
SELKIRK___I 23801	34.55 1.10 0.00	29.41 0.99 0.00	26.99 0.89 0.00	28.13 1.00 0.00	26.92 0.96 0.00	28.05 1.03 0.00	26.74 0.88 0.00	29.59 0.86 0.00	32.81 0.86 0.00	36.23 0.82 0.00	40.04 0.67 0.00	41.33 0.57 0.00	41.58 0.57 0.00	44.45 0.61 0.00	44.14 0.82 0.00	48.99 1.05 0.00	51.43 1.25 0.00	61.69 1.51 0.00	63.20 1.60 0.00	65.23 1.65 0.00	63.19 1.66 0.00	54.46 1.33 0.00	49.51 1.21 0.00	44.91 1.10 0.00
SELKIRK___II 23799	34.42 0.97 0.00	29.30 0.88 0.00	26.89 0.78 0.00	28.02 0.89 0.00	26.84 0.88 0.00	27.94 0.92 0.00	26.67 0.80 0.00	29.56 0.83 0.00	32.81 0.86 0.00	36.30 0.89 0.00	40.08 0.71 0.00	41.45 0.69 0.00	41.70 0.70 0.00	44.58 0.74 0.00	44.27 0.95 0.00	49.14 1.20 0.00	51.47 1.30 0.00	61.69 1.51 0.00	63.14 1.54 0.00	65.17 1.59 0.00	63.07 1.54 0.00	54.30 1.17 0.00	49.36 1.06 0.00	44.74 0.92 0.00
SENECA OSWGO___HYD 24041	33.11 -0.33 0.00	28.22 -0.20 0.00	25.89 -0.21 0.00	26.88 -0.24 0.00	25.67 -0.28 0.00	26.75 -0.27 0.00	25.60 -0.26 0.00	28.47 -0.26 0.00	31.66 -0.29 0.00	35.18 -0.46 -0.23	41.98 -0.43 -3.04	43.78 -0.41 -3.43	44.06 -0.45 -3.50	47.36 -0.48 -4.01	46.65 -0.52 -3.85	52.32 -0.67 -5.05	49.37 -0.80 0.00	59.35 -0.84 0.00	60.80 -0.80 0.00	69.91 -0.70 -7.03	67.60 -0.68 -6.75	57.57 -0.64 -5.08	52.67 -0.53 -4.90	47.70 -0.40 -4.28
SENECA___115KV_TB3 355854	33.35 -0.10 0.00	28.84 0.43 0.00	26.52 0.42 0.00	27.10 -0.03 0.00	25.49 -0.47 0.00	26.70 -0.32 0.00	26.07 0.21 0.00	28.75 0.03 0.00	32.08 0.13 0.00	35.80 0.39 0.00	40.04 0.67 0.00	41.65 0.90 0.00	41.91 0.90 0.00	44.93 1.10 0.00	43.71 0.39 0.00	47.70 -0.24 0.00	49.57 -0.60 0.00	59.05 -1.14 0.00	60.62 -0.99 0.00	63.96 0.38 0.00	61.41 -0.12 0.00	52.60 -0.53 0.00	48.74 0.43 0.00	44.65 0.83 0.00
SENECA___ENERGY 23797	33.72 0.27 0.00	28.79 0.37 0.00	26.42 0.31 0.00	27.31 0.19 0.00	26.03 0.08 0.00	27.16 0.14 0.00	26.10 0.23 0.00	29.01 0.29 0.00	32.30 0.35 0.00	35.83 0.35 -0.06	40.80 0.59 -0.84	42.40 0.69 -0.95	42.63 0.65 -0.97	45.69 0.74 -1.11	44.95 0.56 -1.07	49.68 0.34 -1.40	50.47 0.30 0.00	60.79 0.60 0.00	62.28 0.68 0.00	66.68 1.15 -1.95	64.45 1.04 -1.87	55.44 0.90 -1.41	50.58 0.92 -1.36	45.97 0.96 -1.19
SHOEMAKER___GT 23640	35.69 2.24 0.00	30.38 1.96 0.00	27.78 1.67 0.00	28.88 1.76 0.00	27.75 1.79 0.00	28.88 1.86 0.00	27.65 1.78 0.00	30.74 2.01 0.00	34.25 2.30 0.00	37.85 2.44 0.00	41.77 2.40 0.00	43.24 2.49 0.00	43.55 2.54 0.00	46.60 2.76 0.00	46.30 2.99 0.00	51.44 3.50 0.00	53.94 3.76 0.00	64.64 4.45 0.00	66.04 4.44 0.00	68.10 4.51 0.00	66.02 4.49 0.00	56.53 3.40 0.00	51.35 3.04 0.00	46.45 2.63 0.00
SHOEMAKR_138KV_BK 111 55601	35.72 2.27 0.00	30.38 1.96 0.00	27.78 1.67 0.00	28.89 1.76 0.00	27.77 1.82 0.00	28.89 1.86 0.00	27.65 1.78 0.00	30.74 2.01 0.00	34.25 2.30 0.00	37.86 2.44 0.00	41.81 2.44 0.00	43.28 2.53 0.00	43.55 2.54 0.00	46.59 2.76 0.00	46.35 3.03 0.00	51.54 3.60 0.00	54.14 3.96 0.00	64.94 4.75 0.00	66.41 4.80 0.00	68.48 4.90 0.00	66.27 4.74 0.00	56.79 3.67 0.00	51.54 3.24 0.00	46.53 2.72 0.00
SHOREHAM_IC_1 23715	36.56 3.11 0.00	31.37 2.96 0.00	28.37 2.27 0.00	29.26 2.14 0.00	28.21 2.26 0.00	29.24 2.22 0.00	28.76 2.90 0.00	31.71 2.99 0.00	35.70 3.74 -0.01	39.42 4.00 -0.01	42.79 3.42 0.00	44.06 3.30 0.00	44.91 3.90 0.00	48.08 4.25 0.00	48.13 4.81 -0.01	53.79 5.85 -0.01	56.96 6.77 -0.02	68.14 7.94 -0.01	69.43 7.82 -0.01	71.15 7.56 -0.01	68.67 7.13 -0.01	58.66 5.53 -0.01	52.56 4.25 0.00	47.28 3.46 0.00
SHOREHAM_IC_2 23716	36.56 3.11 0.00	31.37 2.96 0.00	28.38 2.27 0.00	29.27 2.14 0.00	28.24 2.28 0.00	29.24 2.22 0.00	28.76 2.90 0.00	31.71 2.99 0.00	35.69 3.74 0.00	39.42 4.00 0.00	42.75 3.39 0.00	44.06 3.30 0.00	44.90 3.90 0.00	48.09 4.25 0.00	48.13 4.81 0.00	53.93 5.99 0.00	57.06 6.87 -0.01	68.31 8.13 0.00	69.80 8.19 0.00	71.59 8.01 0.00	68.97 7.44 0.00	58.92 5.79 0.00	52.89 4.59 0.00	47.37 3.55 0.00
SISSONVILLE____ 23735	32.41 -1.04 0.00	27.42 -0.99 0.00	25.24 -0.86 0.00	26.20 -0.92 0.00	25.15 -0.80 0.00	26.05 -0.97 0.00	24.98 -0.88 0.00	27.81 -0.92 0.00	30.99 -0.96 0.00	34.53 -0.89 0.00	38.50 -0.87 0.00	39.86 -0.90 0.00	40.19 -0.82 0.00	42.91 -0.92 0.00	42.36 -0.95 0.00	46.79 -1.15 0.00	48.82 -1.35 0.00	58.50 -1.69 0.00	60.06 -1.54 0.00	62.18 -1.40 0.00	60.67 -0.86 0.00	53.08 -0.05 0.00	48.11 -0.19 0.00	43.69 -0.13 0.00
SITHE_IND_GS1 24169	32.88 -0.57 0.00	27.99 -0.43 0.00	25.71 -0.39 0.00	26.66 -0.46 0.00	25.46 -0.49 0.00	26.54 -0.49 0.00	25.42 -0.44 0.00	28.24 -0.49 0.00	31.38 -0.57 0.00	33.81 -0.81 0.79	27.88 -0.83 10.66	27.88 -0.86 12.02	27.88 -0.86 12.26	28.88 -0.92 14.03	28.88 -0.95 13.48	29.17 -1.10 17.67	48.92 -1.25 0.00	58.74 -1.45 0.00	60.12 -1.48 0.00	37.63 -1.34 24.62	36.56 -1.35 23.61	34.18 -1.17 17.78	30.13 -1.02 17.15	27.95 -0.88 14.99
SITHE_IND_GS2 24170	32.88 -0.57 0.00	27.99 -0.43 0.00	25.71 -0.39 0.00	26.66 -0.46 0.00	25.46 -0.49 0.00	26.54 -0.49 0.00	25.42 -0.44 0.00	28.24 -0.49 0.00	31.38 -0.57 0.00	33.81 -0.81 0.79	27.88 -0.83 10.66	27.88 -0.86 12.02	27.88 -0.86 12.26	28.88 -0.92 14.03	28.88 -0.95 13.48	29.17 -1.10 17.67	48.92 -1.25 0.00	58.74 -1.45 0.00	60.12 -1.48 0.00	37.63 -1.34 24.62	36.56 -1.35 23.61	34.18 -1.17 17.78	30.13 -1.02 17.15	27.95 -0.88 14.99
SITHE_IND_GS3 24171	32.88 -0.57 0.00	27.99 -0.43 0.00	25.71 -0.39 0.00	26.66 -0.46 0.00	25.46 -0.49 0.00	26.54 -0.49 0.00	25.42 -0.44 0.00	28.24 -0.49 0.00	31.38 -0.57 0.00	33.81 -0.81 0.79	27.88 -0.83 10.66	27.88 -0.86 12.02	27.88 -0.86 12.26	28.88 -0.92 14.03	28.88 -0.95 13.48	29.17 -1.10 17.67	48.92 -1.25 0.00	58.74 -1.45 0.00	60.12 -1.48 0.00	37.63 -1.34 24.62	36.56 -1.35 23.61	34.18 -1.17 17.78	30.13 -1.02 17.15	27.95 -0.88 14.99
SITHE_IND_GS4 24172	32.88 -0.57 0.00	27.99 -0.43 0.00	25.71 -0.39 0.00	26.66 -0.46 0.00	25.46 -0.49 0.00	26.54 -0.49 0.00	25.42 -0.44 0.00	28.24 -0.49 0.00	31.38 -0.57 0.00	33.81 -0.81 0.79	27.88 -0.83 10.66	27.88 -0.86 12.02	27.88 -0.86 12.26	28.88 -0.92 14.03	28.88 -0.95 13.48	29.17 -1.10 17.67	48.92 -1.25 0.00	58.74 -1.45 0.00	60.12 -1.48 0.00	37.63 -1.34 24.62	36.56 -1.35 23.61	34.18 -1.17 17.78	30.13 -1.02 17.15	27.95 -0.88 14.99

SITHE___BATAVIA 24024	34.25 0.80 0.00	29.55 1.14 0.00	27.10 0.99 0.00	27.72 0.60 0.00	26.14 0.18 0.00	27.21 0.19 0.00	26.51 0.65 0.00	29.27 0.54 0.00	32.72 0.77 0.00	36.51 1.10 0.00	40.98 1.61 0.00	42.55 1.79 0.00	42.81 1.80 0.00	45.76 1.93 0.00	44.62 1.30 0.00	48.90 0.96 0.00	50.72 0.55 0.00	61.27 1.08 0.00	62.59 0.98 0.00	65.30 1.72 0.00	63.31 1.79 0.00	55.10 1.97 0.00	50.53 2.22 0.00	45.92 2.10 0.00
SITHE___INDEPEND 23800	32.88 -0.57 0.00	27.99 -0.43 0.00	25.71 -0.39 0.00	26.66 -0.46 0.00	25.46 -0.49 0.00	26.53 -0.49 0.00	25.42 -0.44 0.00	28.24 -0.49 0.00	31.38 -0.58 0.00	33.81 -0.81 0.79	27.88 -0.83 10.66	27.88 -0.86 12.02	27.88 -0.86 12.26	28.88 -0.92 14.03	28.88 -0.95 13.48	29.12 -1.15 17.67	48.92 -1.25 0.00	58.68 -1.50 0.00	60.06 -1.54 0.00	37.57 -1.40 24.62	36.50 -1.42 23.61	34.07 -1.28 17.78	30.09 -1.06 17.15	27.91 -0.92 14.99
SITHE___MASSENA 23902	32.58 -0.87 0.00	27.56 -0.85 0.00	25.37 -0.73 0.00	26.34 -0.79 0.00	25.23 -0.73 0.00	26.16 -0.87 0.00	25.09 -0.78 0.00	27.95 -0.77 0.00	31.15 -0.80 0.00	34.71 -0.71 0.00	38.70 -0.67 0.00	40.10 -0.65 0.00	40.43 -0.57 0.00	43.22 -0.61 0.00	42.62 -0.69 0.00	47.08 -0.86 0.00	49.12 -1.06 0.00	58.81 -1.38 0.00	60.25 -1.36 0.00	62.31 -1.27 0.00	60.54 -0.99 0.00	52.86 -0.26 0.00	47.97 -0.34 0.00	43.51 -0.30 0.00
SITHE___OGDNSBRG 24021	32.85 -0.60 0.00	27.79 -0.63 0.00	25.56 -0.55 0.00	26.53 -0.60 0.00	25.49 -0.47 0.00	26.40 -0.62 0.00	25.27 -0.59 0.00	28.07 -0.66 0.00	31.22 -0.73 0.00	34.74 -0.67 0.00	38.70 -0.67 0.00	40.06 -0.69 0.00	40.39 -0.62 0.00	43.13 -0.70 0.00	42.54 -0.78 0.00	47.08 -0.86 0.00	49.17 -1.00 0.00	58.99 -1.20 0.00	60.62 -0.99 0.00	62.95 -0.64 0.00	61.41 -0.12 0.00	53.71 0.58 0.00	48.69 0.39 0.00	44.21 0.39 0.00
SITHE___STERLING 23777	34.38 0.94 0.00	29.30 0.88 0.00	26.89 0.78 0.00	27.86 0.73 0.00	26.71 0.75 0.00	27.83 0.81 0.00	26.59 0.72 0.00	29.53 0.80 0.00	32.88 0.93 0.00	36.37 0.96 0.00	40.47 1.10 0.00	41.86 1.10 0.00	42.03 1.03 0.00	44.93 1.10 0.00	44.40 1.08 0.00	49.09 1.15 0.00	51.37 1.20 0.00	61.81 1.63 0.00	63.45 1.85 0.00	65.87 2.29 0.00	63.74 2.21 0.00	55.15 2.02 0.00	50.09 1.79 0.00	45.48 1.66 0.00
SLEIGHT__34_KV_TB1 80719	33.58 0.13 0.00	28.73 0.31 0.00	26.37 0.26 0.00	27.18 0.05 0.00	25.80 -0.16 0.00	26.89 -0.14 0.00	25.94 0.08 0.00	28.84 0.11 0.00	32.18 0.22 0.00	35.80 0.35 -0.03	40.54 0.75 -0.43	42.09 0.86 -0.48	42.32 0.82 -0.49	45.27 0.88 -0.56	44.46 0.61 -0.54	48.89 0.24 -0.71	50.17 0.00 0.00	60.07 -0.12 0.00	61.54 -0.06 0.00	64.95 0.38 -0.98	62.66 0.18 -0.94	53.95 0.11 -0.71	49.38 0.39 -0.69	44.94 0.53 -0.60
SMITHTWN_69_KV_BK 1 55830	37.13 3.68 0.00	31.68 3.27 0.00	28.66 2.56 0.00	29.70 2.58 0.00	28.63 2.67 0.00	29.67 2.65 0.00	28.91 3.05 0.00	32.03 3.30 0.00	36.04 4.09 0.00	39.91 4.50 0.00	43.38 4.02 0.00	44.67 3.91 0.00	45.48 4.47 0.00	48.70 4.87 0.00	48.73 5.41 0.00	54.56 6.62 0.00	57.67 7.48 -0.02	68.80 8.61 0.00	70.29 8.69 0.00	72.10 8.52 0.00	69.53 8.00 0.00	59.56 6.43 0.00	53.57 5.27 0.00	47.98 4.16 0.00
SOUTH CAIRO___GT 23612	35.36 1.91 0.00	30.15 1.73 0.00	27.57 1.46 0.00	28.67 1.55 0.00	27.49 1.53 0.00	28.67 1.65 0.00	27.21 1.34 0.00	30.05 1.32 0.00	33.36 1.41 0.00	36.79 1.38 0.00	40.51 1.14 0.00	41.94 1.18 0.00	42.03 1.03 0.00	45.15 1.32 0.00	44.57 1.26 0.00	49.52 1.58 0.00	51.48 1.30 0.00	61.99 1.81 0.00	63.76 2.16 0.00	66.12 2.54 0.00	64.91 3.38 0.00	56.26 3.13 0.00	51.11 2.80 0.00	46.23 2.41 0.00
SOUTH HAMPTN___IC 23720	36.93 3.48 0.00	31.66 3.24 0.00	28.61 2.51 0.00	29.56 2.44 0.00	28.50 2.55 0.00	29.53 2.51 0.00	29.02 3.15 0.00	32.03 3.30 0.00	36.11 4.15 -0.01	39.99 4.57 -0.01	43.50 4.13 0.00	44.83 4.08 0.00	45.72 4.71 0.00	49.00 5.17 0.00	49.09 5.76 -0.01	54.85 6.90 -0.01	58.11 7.92 -0.02	69.53 9.33 -0.01	70.79 9.18 -0.01	72.49 8.90 -0.01	69.78 8.25 -0.01	59.62 6.48 -0.01	53.33 5.02 0.00	48.07 4.25 0.00
SOUTHDOW_115KV_TB1 355954	33.35 -0.10 0.00	28.81 0.40 0.00	26.60 0.50 0.00	27.15 0.03 0.00	25.59 -0.36 0.00	26.86 -0.16 0.00	26.33 0.47 0.00	29.04 0.32 0.00	32.56 0.61 0.00	36.37 0.96 0.00	40.63 1.26 0.00	42.22 1.47 0.00	42.40 1.39 0.00	45.41 1.58 0.00	44.18 0.87 0.00	48.32 0.38 0.00	50.42 0.25 0.00	60.19 0.00 0.00	61.97 0.37 0.00	65.81 2.23 0.00	63.19 1.66 0.00	54.19 1.06 0.00	50.19 1.88 0.00	45.83 2.02 0.00
SOUTHOLD_69_KV_BK 2 55809	37.10 3.65 0.00	31.80 3.38 0.00	28.72 2.61 0.00	29.67 2.55 0.00	28.68 2.73 0.00	29.67 2.65 0.00	29.17 3.31 0.00	32.23 3.50 0.00	36.42 4.47 0.00	40.41 4.99 0.00	43.94 4.57 0.00	45.40 4.65 0.00	46.34 5.33 0.00	49.75 5.92 0.00	49.81 6.50 0.00	55.80 7.86 0.00	59.16 8.98 -0.01	70.90 10.71 0.00	72.32 10.72 0.00	73.94 10.36 0.00	70.94 9.41 0.00	60.41 7.28 0.00	54.05 5.75 0.00	48.72 4.91 0.00
SOUTHOLD___IC 23719	37.10 3.65 0.00	31.80 3.38 0.00	28.71 2.61 0.00	29.67 2.55 0.00	28.65 2.70 0.00	29.67 2.65 0.00	29.17 3.31 0.00	32.23 3.50 0.00	36.43 4.47 -0.01	40.42 4.99 -0.01	43.97 4.60 0.00	45.40 4.64 0.00	46.34 5.33 0.00	49.75 5.92 0.00	49.82 6.50 -0.01	55.71 7.77 -0.01	59.07 8.88 -0.02	70.73 10.53 -0.01	72.02 10.41 -0.01	73.57 9.98 -0.01	70.71 9.17 -0.01	60.20 7.07 -0.01	53.76 5.46 0.00	48.64 4.82 0.00
SOUTH_FORK_WT_PWR 323839	36.79 3.34 0.00	31.57 3.15 0.00	28.48 2.38 0.00	29.48 2.36 0.00	28.47 2.52 0.00	29.48 2.46 0.00	28.99 3.13 0.00	32.03 3.30 0.00	36.21 4.25 -0.01	40.20 4.78 -0.01	43.70 4.33 0.00	45.16 4.40 0.00	46.09 5.08 0.00	49.45 5.61 0.00	49.52 6.19 -0.01	55.33 7.38 -0.01	58.72 8.53 -0.02	70.31 10.11 -0.01	71.53 9.92 -0.01	73.06 9.48 -0.01	70.09 8.55 -0.01	59.62 6.48 -0.01	53.18 4.88 0.00	48.33 4.51 0.00
SPIERFLS_115KV_TB 1 80737	36.13 2.68 0.00	30.72 2.30 0.00	28.01 1.91 0.00	29.21 2.09 0.00	27.95 2.00 0.00	29.21 2.19 0.00	27.88 2.02 0.00	30.77 2.04 0.00	34.22 2.27 0.00	37.79 2.37 0.00	40.35 0.98 0.00	41.65 0.90 0.00	41.71 0.70 0.00	44.40 0.57 0.00	44.10 0.78 0.00	49.19 1.25 0.00	51.63 1.45 0.00	62.18 1.99 0.00	64.50 2.90 0.00	66.63 3.05 0.00	64.73 3.20 0.00	55.84 2.71 0.00	50.72 2.42 0.00	45.92 2.10 0.00
ST LAWRENCE____ 23600	32.38 -1.07 0.00	27.39 -1.02 0.00	25.17 -0.94 0.00	26.15 -0.98 0.00	25.05 -0.91 0.00	26.02 -1.00 0.00	24.93 -0.93 0.00	27.75 -0.98 0.00	30.93 -1.02 0.00	34.46 -0.95 0.00	38.42 -0.95 0.00	39.82 -0.94 0.00	40.11 -0.90 0.00	42.87 -0.96 0.00	42.28 -1.04 0.00	46.74 -1.20 0.00	48.82 -1.35 0.00	58.50 -1.68 0.00	59.88 -1.72 0.00	61.80 -1.78 0.00	59.99 -1.54 0.00	52.12 -1.01 0.00	47.38 -0.92 0.00	42.94 -0.88 0.00

STATE_CA_115KV_115_LB 55624	34.49 1.04 0.00	29.35 0.94 0.00	26.89 0.78 0.00	28.02 0.90 0.00	26.84 0.88 0.00	27.97 0.95 0.00	26.69 0.83 0.00	29.53 0.80 0.00	32.81 0.86 0.00	36.30 0.89 0.00	40.04 0.67 0.00	41.37 0.61 0.00	41.62 0.62 0.00	44.53 0.70 0.00	44.18 0.87 0.00	49.14 1.20 0.00	51.53 1.35 0.00	61.87 1.69 0.00	63.33 1.72 0.00	65.30 1.72 0.00	63.19 1.66 0.00	54.46 1.33 0.00	49.46 1.16 0.00	44.78 0.96 0.00
STATE_ST_34_KV_LOAD 55959	33.88 0.43 0.00	28.87 0.45 0.00	26.50 0.39 0.00	27.45 0.33 0.00	26.19 0.23 0.00	27.32 0.30 0.00	26.20 0.34 0.00	29.16 0.43 0.00	32.43 0.48 0.00	35.94 0.46 -0.07	40.98 0.67 -0.94	42.59 0.77 -1.06	42.83 0.74 -1.08	45.86 0.79 -1.24	45.24 0.74 -1.19	50.08 0.58 -1.56	50.77 0.60 0.00	60.97 0.78 0.00	62.53 0.92 0.00	67.15 1.40 -2.17	64.72 1.11 -2.08	55.60 0.90 -1.57	50.69 0.87 -1.51	46.06 0.92 -1.32
STATION_5_MISC_HYD 23604	33.85 0.40 0.00	29.04 0.62 0.00	26.63 0.52 0.00	27.37 0.24 0.00	25.93 -0.03 0.00	26.99 -0.03 0.00	26.15 0.29 0.00	28.95 0.23 0.00	32.37 0.41 0.00	36.05 0.64 0.00	40.43 1.06 0.00	41.98 1.22 0.00	42.24 1.23 0.00	45.15 1.31 0.00	44.23 0.91 0.00	48.56 0.62 0.00	50.47 0.30 0.00	60.73 0.54 0.00	61.97 0.37 0.00	64.35 0.77 0.00	62.33 0.80 0.00	54.09 0.96 0.00	49.42 1.11 0.00	44.87 1.05 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	33.75 0.30 0.00	28.87 0.45 0.00	26.50 0.39 0.00	27.31 0.19 0.00	25.93 -0.03 0.00	27.02 0.00 0.00	26.07 0.21 0.00	28.96 0.23 0.00	32.34 0.38 0.00	35.97 0.53 -0.03	40.67 0.91 -0.40	42.23 1.02 -0.45	42.45 0.98 -0.46	45.41 1.05 -0.53	44.56 0.74 -0.50	48.99 0.38 -0.66	50.27 0.10 0.00	60.19 0.00 0.00	61.73 0.12 0.00	65.14 0.64 -0.92	62.84 0.43 -0.88	54.11 0.32 -0.67	49.57 0.63 -0.64	45.17 0.79 -0.56
STA_56_34_KV_BUS2_REV_LBMP_B 345033	33.65 0.20 0.00	28.84 0.43 0.00	26.44 0.34 0.00	27.20 0.08 0.00	25.77 -0.18 0.00	26.83 -0.19 0.00	25.97 0.10 0.00	28.81 0.09 0.00	32.18 0.22 0.00	35.84 0.42 0.00	40.23 0.87 0.00	41.78 1.02 0.00	41.99 0.98 0.00	44.89 1.05 0.00	43.97 0.65 0.00	48.18 0.24 0.00	50.02 -0.15 0.00	59.77 -0.42 0.00	61.23 -0.37 0.00	63.71 0.13 0.00	61.47 -0.06 0.00	53.02 -0.11 0.00	48.64 0.34 0.00	44.34 0.53 0.00
STA_56___34_KV_BUS2 355983	33.65 0.20 0.00	28.84 0.43 0.00	26.44 0.34 0.00	27.20 0.08 0.00	25.77 -0.18 0.00	26.83 -0.19 0.00	25.97 0.10 0.00	28.81 0.09 0.00	32.18 0.22 0.00	35.84 0.42 0.00	40.23 0.87 0.00	41.78 1.02 0.00	41.99 0.98 0.00	44.89 1.05 0.00	43.97 0.65 0.00	48.18 0.24 0.00	50.02 -0.15 0.00	59.77 -0.42 0.00	61.23 -0.37 0.00	63.71 0.13 0.00	61.47 -0.06 0.00	53.02 -0.11 0.00	48.64 0.34 0.00	44.34 0.53 0.00
STA_67___115KV_BK2 355882	33.75 0.30 0.00	28.99 0.57 0.00	26.57 0.47 0.00	27.31 0.19 0.00	25.85 -0.10 0.00	26.94 -0.08 0.00	26.10 0.23 0.00	28.90 0.17 0.00	32.27 0.32 0.00	35.94 0.53 0.00	40.31 0.94 0.00	41.86 1.10 0.00	42.12 1.11 0.00	45.02 1.18 0.00	44.10 0.78 0.00	48.28 0.34 0.00	50.12 -0.05 0.00	59.83 -0.36 0.00	61.29 -0.31 0.00	63.90 0.32 0.00	61.59 0.06 0.00	53.13 0.00 0.00	48.79 0.48 0.00	44.52 0.70 0.00
STA_7___115KV_9TRANS 80674	34.02 0.57 0.00	29.18 0.77 0.00	26.76 0.65 0.00	27.50 0.38 0.00	26.01 0.05 0.00	27.10 0.08 0.00	26.22 0.36 0.00	29.10 0.37 0.00	32.53 0.58 0.00	36.26 0.85 0.00	40.75 1.38 0.00	42.31 1.55 0.00	42.57 1.56 0.00	45.50 1.67 0.00	44.53 1.21 0.00	48.75 0.81 0.00	50.57 0.40 0.00	60.37 0.18 0.00	61.85 0.25 0.00	64.41 0.83 0.00	62.14 0.62 0.00	53.66 0.53 0.00	49.22 0.92 0.00	44.91 1.10 0.00
STA_82___115KV_TB1 80780	33.75 0.30 0.00	28.99 0.57 0.00	26.57 0.47 0.00	27.34 0.22 0.00	25.85 -0.10 0.00	26.94 -0.08 0.00	26.10 0.23 0.00	28.93 0.20 0.00	32.27 0.32 0.00	35.94 0.53 0.00	40.31 0.94 0.00	41.86 1.10 0.00	42.12 1.11 0.00	45.02 1.18 0.00	44.10 0.78 0.00	48.28 0.34 0.00	50.12 -0.05 0.00	59.83 -0.36 0.00	61.36 -0.25 0.00	63.90 0.32 0.00	61.59 0.06 0.00	53.13 0.00 0.00	48.79 0.48 0.00	44.52 0.70 0.00
STEEL___WIND 323596	33.32 -0.13 0.00	28.81 0.40 0.00	26.50 0.39 0.00	27.07 -0.05 0.00	25.51 -0.44 0.00	26.67 -0.35 0.00	26.05 0.18 0.00	28.70 -0.03 0.00	32.05 0.10 0.00	35.73 0.32 0.00	40.00 0.63 0.00	41.57 0.81 0.00	41.83 0.82 0.00	44.84 1.01 0.00	43.66 0.34 0.00	47.80 -0.14 0.00	49.72 -0.45 0.00	60.07 -0.12 0.00	61.24 -0.37 0.00	64.28 0.70 0.00	62.08 0.55 0.00	53.77 0.64 0.00	49.46 1.16 0.00	45.04 1.23 0.00
STEPHTWN_115KV_BK_2 55603	34.62 1.17 0.00	29.47 1.05 0.00	26.99 0.89 0.00	28.13 1.00 0.00	26.94 0.99 0.00	28.08 1.05 0.00	26.79 0.93 0.00	29.65 0.92 0.00	32.94 0.99 0.00	36.44 1.03 0.00	40.23 0.87 0.00	41.53 0.77 0.00	41.79 0.78 0.00	44.71 0.88 0.00	44.40 1.08 0.00	49.38 1.44 0.00	51.73 1.56 0.00	62.18 1.99 0.00	63.64 2.03 0.00	65.62 2.03 0.00	63.56 2.03 0.00	54.78 1.65 0.00	49.75 1.45 0.00	45.04 1.23 0.00
STEUBEN_REC_LFGE 323667	33.08 -0.37 0.00	28.45 0.03 0.00	26.18 0.08 0.00	26.93 -0.19 0.00	25.51 -0.44 0.00	26.78 -0.24 0.00	25.97 0.10 0.00	28.81 0.09 0.00	32.08 0.13 0.00	35.59 0.18 0.00	39.88 0.51 0.00	41.49 0.73 0.00	41.71 0.70 0.00	44.58 0.75 0.00	43.49 0.17 0.00	47.46 -0.48 0.00	49.47 -0.70 0.00	59.41 -0.78 0.00	61.42 -0.18 0.00	65.11 1.53 0.00	62.94 1.42 0.00	54.19 1.06 0.00	49.85 1.55 0.00	45.83 2.02 0.00
STILLWATER___SOLAR 323814	35.66 2.21 0.00	30.32 1.90 0.00	27.72 1.62 0.00	28.88 1.76 0.00	27.64 1.69 0.00	28.86 1.84 0.00	27.54 1.68 0.00	30.48 1.75 0.00	33.87 1.92 0.00	37.36 1.95 0.00	40.83 1.46 0.00	42.18 1.43 0.00	42.32 1.31 0.00	45.19 1.36 0.00	44.87 1.56 0.00	49.95 2.01 0.00	52.43 2.26 0.00	63.02 2.83 0.00	64.80 3.20 0.00	66.95 3.37 0.00	64.85 3.32 0.00	55.84 2.71 0.00	50.77 2.46 0.00	45.96 2.15 0.00
STONY___BROOK 24151	37.10 3.65 0.00	31.68 3.27 0.00	28.66 2.56 0.00	29.70 2.58 0.00	28.60 2.65 0.00	29.64 2.62 0.00	28.94 3.08 0.00	32.03 3.30 0.00	36.02 4.06 -0.01	39.92 4.50 -0.01	43.34 3.97 0.00	44.63 3.87 0.00	45.44 4.43 0.00	48.66 4.82 0.00	48.70 5.37 -0.01	54.37 6.43 -0.01	57.47 7.27 -0.02	68.44 8.25 -0.01	69.74 8.13 -0.01	71.54 7.95 -0.01	69.04 7.50 -0.01	59.30 6.16 -0.01	53.18 4.88 0.00	47.85 4.03 0.00
STURGEON_POOL_HYD 23609	35.89 2.44 0.00	30.55 2.13 0.00	27.93 1.83 0.00	29.08 1.95 0.00	27.93 1.97 0.00	29.05 2.03 0.00	27.78 1.91 0.00	30.88 2.15 0.00	34.38 2.43 0.00	38.03 2.62 0.00	42.01 2.64 0.00	43.53 2.77 0.00	43.84 2.83 0.00	46.95 3.11 0.00	46.65 3.34 0.00	51.82 3.88 0.00	54.34 4.16 0.00	65.24 5.06 0.00	66.65 5.05 0.00	68.67 5.09 0.00	66.70 5.17 0.00	57.11 3.98 0.00	51.83 3.53 0.00	46.80 2.98 0.00

ST_LAW_115_BK7_LBMP 345037	32.31 -1.14 0.00	27.34 -1.08 0.00	25.14 -0.97 0.00	26.12 -1.00 0.00	25.00 -0.96 0.00	25.97 -1.05 0.00	24.88 -0.98 0.00	27.72 -1.01 0.00	30.87 -1.09 0.00	34.42 -0.99 0.00	38.39 -0.98 0.00	39.74 -1.02 0.00	40.07 -0.94 0.00	42.78 -1.05 0.00	42.19 -1.13 0.00	46.65 -1.29 0.00	48.77 -1.40 0.00	58.38 -1.80 0.00	59.81 -1.79 0.00	61.74 -1.85 0.00	59.93 -1.60 0.00	52.12 -1.01 0.00	47.34 -0.97 0.00	42.94 -0.88 0.00
ST_LAW_115_BK8_LBMP 345038	32.31 -1.14 0.00	27.34 -1.08 0.00	25.14 -0.97 0.00	26.12 -1.00 0.00	25.00 -0.96 0.00	25.97 -1.05 0.00	24.88 -0.98 0.00	27.72 -1.01 0.00	30.87 -1.09 0.00	34.42 -0.99 0.00	38.39 -0.98 0.00	39.74 -1.02 0.00	40.07 -0.94 0.00	42.78 -1.05 0.00	42.19 -1.13 0.00	46.65 -1.29 0.00	48.77 -1.40 0.00	58.38 -1.80 0.00	59.81 -1.79 0.00	61.74 -1.85 0.00	59.93 -1.60 0.00	52.12 -1.01 0.00	47.34 -0.97 0.00	42.94 -0.88 0.00
ST_LAW_230_BK5_LBMP 345035	32.38 -1.07 0.00	27.39 -1.02 0.00	25.17 -0.94 0.00	26.15 -0.98 0.00	25.05 -0.91 0.00	26.02 -1.00 0.00	24.93 -0.93 0.00	27.75 -0.98 0.00	30.93 -1.02 0.00	34.46 -0.95 0.00	38.42 -0.95 0.00	39.82 -0.94 0.00	40.11 -0.90 0.00	42.87 -0.96 0.00	42.28 -1.04 0.00	46.74 -1.20 0.00	48.82 -1.35 0.00	58.50 -1.68 0.00	59.88 -1.72 0.00	61.80 -1.78 0.00	59.99 -1.54 0.00	52.12 -1.01 0.00	47.38 -0.92 0.00	42.94 -0.88 0.00
ST_LAW_230_BK6_LBMP 345036	32.38 -1.07 0.00	27.39 -1.02 0.00	25.17 -0.94 0.00	26.15 -0.98 0.00	25.05 -0.91 0.00	26.02 -1.00 0.00	24.93 -0.93 0.00	27.75 -0.98 0.00	30.93 -1.02 0.00	34.46 -0.95 0.00	38.42 -0.95 0.00	39.82 -0.94 0.00	40.11 -0.90 0.00	42.87 -0.96 0.00	42.28 -1.04 0.00	46.74 -1.20 0.00	48.82 -1.35 0.00	58.50 -1.68 0.00	59.88 -1.72 0.00	61.80 -1.78 0.00	59.99 -1.54 0.00	52.12 -1.01 0.00	47.38 -0.92 0.00	42.94 -0.88 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.89 2.44 0.00	30.52 2.10 0.00	27.91 1.80 0.00	29.02 1.90 0.00	27.90 1.95 0.00	29.02 2.00 0.00	27.80 1.94 0.00	30.91 2.18 0.00	34.48 2.52 0.00	38.10 2.69 0.00	42.08 2.72 0.00	43.57 2.81 0.00	43.88 2.87 0.00	46.95 3.11 0.00	46.70 3.38 0.00	51.92 3.98 0.00	54.54 4.36 0.00	65.49 5.30 0.00	66.90 5.30 0.00	68.92 5.34 0.00	66.70 5.17 0.00	57.11 3.98 0.00	51.78 3.48 0.00	46.75 2.94 0.00
SWANROAD_115KV_TB1 355699	32.98 -0.47 0.00	28.56 0.14 0.00	26.24 0.13 0.00	26.77 -0.35 0.00	25.15 -0.80 0.00	26.29 -0.73 0.00	25.71 -0.16 0.00	28.32 -0.40 0.00	31.57 -0.38 0.00	35.24 -0.18 0.00	39.45 0.08 0.00	40.96 0.20 0.00	41.21 0.21 0.00	44.14 0.31 0.00	42.97 -0.35 0.00	46.79 -1.15 0.00	48.52 -1.66 0.00	57.72 -2.47 0.00	59.32 -2.28 0.00	62.37 -1.21 0.00	59.87 -1.66 0.00	51.27 -1.86 0.00	47.58 -0.72 0.00	43.69 -0.13 0.00
SYNERGY___BIOGAS 323694	34.25 0.80 0.00	29.55 1.14 0.00	27.10 0.99 0.00	27.72 0.60 0.00	26.09 0.13 0.00	27.21 0.19 0.00	26.48 0.62 0.00	29.27 0.55 0.00	32.72 0.77 0.00	36.51 1.10 0.00	40.98 1.61 0.00	42.55 1.79 0.00	42.81 1.80 0.00	45.76 1.93 0.00	44.62 1.30 0.00	48.71 0.77 0.00	50.47 0.30 0.00	60.25 0.06 0.00	61.85 0.25 0.00	64.92 1.34 0.00	62.57 1.05 0.00	53.98 0.85 0.00	49.80 1.50 0.00	45.48 1.67 0.00
SYRACUSE___ENERGY_ST1 323597	33.68 0.23 0.00	28.67 0.26 0.00	26.34 0.23 0.00	27.31 0.19 0.00	26.09 0.13 0.00	27.18 0.16 0.00	26.04 0.18 0.00	28.98 0.26 0.00	32.24 0.29 0.00	35.72 0.21 -0.09	40.98 0.39 -1.22	42.53 0.41 -1.37	42.82 0.41 -1.40	45.87 0.44 -1.60	45.24 0.39 -1.54	50.24 0.29 -2.01	50.42 0.25 0.00	60.49 0.30 0.00	62.03 0.43 0.00	67.09 0.70 -2.81	64.71 0.49 -2.69	55.48 0.32 -2.03	50.65 0.39 -1.96	45.96 0.44 -1.71
SYRACUSE___ENERGY_ST2 323598	33.68 0.23 0.00	28.67 0.26 0.00	26.34 0.23 0.00	27.31 0.19 0.00	26.09 0.13 0.00	27.18 0.16 0.00	26.04 0.18 0.00	28.98 0.26 0.00	32.24 0.29 0.00	35.72 0.21 -0.09	40.98 0.39 -1.22	42.53 0.41 -1.37	42.82 0.41 -1.40	45.87 0.44 -1.60	45.24 0.39 -1.54	50.24 0.29 -2.01	50.42 0.25 0.00	60.49 0.30 0.00	62.03 0.43 0.00	67.09 0.70 -2.81	64.71 0.49 -2.69	55.48 0.32 -2.03	50.65 0.39 -1.96	45.96 0.44 -1.71
SYRACUSE___POWER 24017	33.65 0.20 0.00	28.64 0.23 0.00	26.31 0.21 0.00	27.29 0.16 0.00	26.03 0.08 0.00	27.16 0.14 0.00	26.02 0.16 0.00	28.93 0.20 0.00	32.18 0.22 0.00	35.58 0.14 -0.03	40.03 0.28 -0.38	41.51 0.33 -0.43	41.73 0.29 -0.44	44.69 0.35 -0.50	44.10 0.30 -0.48	48.81 0.24 -0.63	50.37 0.20 0.00	60.43 0.24 0.00	61.97 0.37 0.00	65.10 0.64 -0.88	62.80 0.43 -0.85	54.08 0.32 -0.64	49.26 0.34 -0.61	44.70 0.35 -0.54
TALLMAN_138KV_BK151 55660	36.16 2.71 0.00	30.75 2.33 0.00	28.09 1.98 0.00	29.21 2.09 0.00	28.08 2.13 0.00	29.21 2.19 0.00	28.01 2.15 0.00	31.17 2.44 0.00	34.76 2.81 0.00	38.46 3.05 0.00	42.44 3.07 0.00	43.94 3.18 0.00	44.25 3.24 0.00	47.34 3.51 0.00	47.13 3.81 0.00	52.45 4.51 0.00	55.19 5.02 0.00	66.21 6.02 0.00	67.58 5.98 0.00	69.62 6.04 0.00	67.31 5.78 0.00	57.54 4.41 0.00	52.17 3.86 0.00	47.10 3.29 0.00
TEALLAVE_115KV_TB7 355573	33.55 0.10 0.00	28.59 0.17 0.00	26.26 0.16 0.00	27.20 0.08 0.00	25.98 0.03 0.00	27.08 0.05 0.00	25.94 0.08 0.00	28.87 0.14 0.00	32.11 0.16 0.00	35.51 0.07 -0.03	39.93 0.20 -0.36	41.37 0.20 -0.41	41.63 0.21 -0.41	44.53 0.22 -0.47	43.99 0.22 -0.46	48.59 0.05 -0.60	50.22 0.05 0.00	60.25 0.06 0.00	61.73 0.12 0.00	64.79 0.38 -0.83	62.51 0.18 -0.80	53.78 0.05 -0.60	49.03 0.14 -0.58	44.54 0.22 -0.51
TELGRAPH_34_KV_EAST 80808	33.68 0.23 0.00	29.10 0.68 0.00	26.73 0.63 0.00	27.31 0.19 0.00	25.67 -0.29 0.00	26.83 -0.19 0.00	26.17 0.31 0.00	28.87 0.14 0.00	32.24 0.29 0.00	36.02 0.60 0.00	40.35 0.98 0.00	41.94 1.18 0.00	42.20 1.19 0.00	45.15 1.32 0.00	43.97 0.65 0.00	47.94 0.00 0.00	49.72 -0.45 0.00	59.17 -1.02 0.00	60.80 -0.80 0.00	63.84 0.25 0.00	61.41 -0.12 0.00	52.76 -0.37 0.00	48.83 0.53 0.00	44.69 0.88 0.00
TEMPLE___115KV_TB 2 55572	33.58 0.13 0.00	28.59 0.17 0.00	26.26 0.16 0.00	27.23 0.11 0.00	26.01 0.05 0.00	27.10 0.08 0.00	25.97 0.10 0.00	28.87 0.14 0.00	32.11 0.16 0.00	35.51 0.07 -0.02	39.85 0.20 -0.29	41.33 0.24 -0.33	41.59 0.25 -0.33	44.48 0.26 -0.38	43.90 0.22 -0.37	48.51 0.10 -0.48	50.27 0.10 0.00	60.25 0.06 0.00	61.79 0.18 0.00	64.63 0.38 -0.67	62.41 0.25 -0.64	53.72 0.11 -0.48	48.91 0.14 -0.47	44.44 0.22 -0.41
TIANA____69_KV_BK 1 55817	36.89 3.45 0.00	31.66 3.24 0.00	28.58 2.48 0.00	29.54 2.41 0.00	28.50 2.54 0.00	29.51 2.49 0.00	28.97 3.10 0.00	32.00 3.27 0.00	36.04 4.09 0.00	39.91 4.50 0.00	43.38 4.02 0.00	44.71 3.95 0.00	45.56 4.55 0.00	48.87 5.04 0.00	48.91 5.59 0.00	54.80 6.86 0.00	58.01 7.83 -0.01	69.46 9.27 0.00	70.90 9.30 0.00	72.67 9.09 0.00	69.96 8.43 0.00	59.72 6.59 0.00	53.57 5.27 0.00	48.02 4.21 0.00

TILDEN___115KV_TB1 80814	33.65 0.20 0.00	28.64 0.23 0.00	26.31 0.21 0.00	27.29 0.16 0.00	26.03 0.08 0.00	27.16 0.14 0.00	26.02 0.16 0.00	28.93 0.20 0.00	32.18 0.22 0.00	35.58 0.14 -0.03	40.03 0.28 -0.38	41.51 0.33 -0.43	41.73 0.29 -0.44	44.69 0.35 -0.50	44.10 0.30 -0.48	48.81 0.24 -0.63	50.37 0.20 0.00	60.43 0.24 0.00	61.97 0.37 0.00	65.10 0.64 -0.88	62.80 0.43 -0.85	54.08 0.32 -0.64	49.26 0.34 -0.61	44.70 0.35 -0.54
TRIGEN___CC 323695	36.76 3.31 0.00	31.26 2.84 0.00	28.40 2.30 0.00	29.51 2.39 0.00	28.40 2.44 0.00	29.45 2.43 0.00	28.50 2.64 0.00	31.66 2.93 0.00	35.47 3.51 0.00	39.24 3.82 0.00	42.99 3.62 0.00	44.34 3.59 0.00	44.94 3.94 0.00	48.04 4.21 0.00	47.91 4.59 0.00	53.36 5.42 0.00	56.24 6.07 0.00	67.47 7.28 0.00	68.93 7.33 0.00	70.96 7.38 0.00	68.48 6.95 0.00	58.49 5.37 0.00	52.84 4.54 0.00	47.50 3.68 0.00
TRINITY___115KV___4 BK 55933	34.35 0.90 0.00	29.24 0.82 0.00	26.81 0.70 0.00	27.94 0.81 0.00	26.76 0.80 0.00	27.89 0.86 0.00	26.61 0.75 0.00	29.47 0.75 0.00	32.75 0.80 0.00	36.19 0.78 0.00	39.96 0.59 0.00	41.25 0.49 0.00	41.50 0.49 0.00	44.40 0.57 0.00	44.05 0.74 0.00	48.99 1.05 0.00	51.38 1.20 0.00	61.69 1.50 0.00	63.08 1.48 0.00	65.11 1.53 0.00	63.01 1.48 0.00	54.24 1.12 0.00	49.27 0.97 0.00	44.61 0.79 0.00
UNION___PROCESSING_DRP 323587	33.78 0.33 0.00	28.99 0.57 0.00	26.57 0.47 0.00	27.34 0.22 0.00	25.85 -0.10 0.00	26.94 -0.08 0.00	26.10 0.23 0.00	28.93 0.20 0.00	32.30 0.35 0.00	35.98 0.57 0.00	40.35 0.98 0.00	41.86 1.10 0.00	42.12 1.11 0.00	45.02 1.18 0.00	44.10 0.78 0.00	48.28 0.34 0.00	50.12 -0.05 0.00	59.83 -0.36 0.00	61.36 -0.25 0.00	63.90 0.32 0.00	61.65 0.12 0.00	53.18 0.05 0.00	48.79 0.48 0.00	44.52 0.70 0.00
UPPER HUDSON___HYD 24058	36.13 2.68 0.00	30.72 2.30 0.00	28.01 1.90 0.00	29.21 2.09 0.00	27.93 1.97 0.00	29.21 2.19 0.00	27.88 2.02 0.00	30.77 2.04 0.00	34.22 2.27 0.00	37.79 2.37 0.00	40.35 0.98 0.00	41.65 0.90 0.00	41.70 0.70 0.00	44.40 0.57 0.00	44.14 0.82 0.00	49.18 1.24 0.00	51.57 1.40 0.00	62.06 1.87 0.00	64.38 2.77 0.00	66.51 2.93 0.00	64.66 3.14 0.00	55.73 2.60 0.00	50.67 2.37 0.00	45.88 2.06 0.00
UPPER RAQUET___HYD 24056	32.41 -1.04 0.00	27.42 -1.00 0.00	25.24 -0.86 0.00	26.20 -0.92 0.00	25.15 -0.80 0.00	26.05 -0.97 0.00	24.96 -0.91 0.00	27.81 -0.92 0.00	30.99 -0.96 0.00	34.53 -0.88 0.00	38.50 -0.87 0.00	39.86 -0.90 0.00	40.19 -0.82 0.00	42.91 -0.92 0.00	42.36 -0.95 0.00	46.79 -1.15 0.00	48.82 -1.35 0.00	58.50 -1.68 0.00	60.06 -1.54 0.00	62.24 -1.34 0.00	60.67 -0.86 0.00	53.08 -0.05 0.00	48.16 -0.14 0.00	43.69 -0.13 0.00
VALLEY44_115KV_TB2 355964	33.11 -0.33 0.00	28.59 0.17 0.00	26.31 0.21 0.00	26.91 -0.22 0.00	25.41 -0.55 0.00	26.62 -0.41 0.00	25.94 0.08 0.00	28.61 -0.11 0.00	31.92 -0.03 0.00	35.55 0.14 0.00	39.64 0.28 0.00	41.20 0.45 0.00	41.42 0.41 0.00	44.36 0.53 0.00	43.32 0.00 0.00	47.36 -0.58 0.00	49.42 -0.75 0.00	58.99 -1.20 0.00	60.49 -1.11 0.00	63.96 0.38 0.00	61.41 -0.12 0.00	52.65 -0.48 0.00	48.59 0.29 0.00	44.39 0.57 0.00
VALLEY___115KV_TB 1-4 80826	33.35 -0.10 0.00	28.36 -0.06 0.00	26.08 -0.03 0.00	27.07 -0.05 0.00	25.98 0.03 0.00	27.08 0.05 0.00	25.86 0.00 0.00	28.75 0.03 0.00	32.02 0.06 0.00	35.52 0.11 0.00	39.45 0.08 0.00	40.84 0.08 0.00	41.09 0.08 0.00	43.83 0.00 0.00	43.40 0.09 0.00	48.04 0.10 0.00	50.22 0.05 0.00	60.31 0.12 0.00	61.79 0.18 0.00	63.84 0.25 0.00	61.71 0.18 0.00	53.39 0.27 0.00	48.50 0.19 0.00	43.99 0.18 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.36 1.91 0.00	30.12 1.71 0.00	27.70 1.59 0.00	28.78 1.65 0.00	27.64 1.69 0.00	28.80 1.78 0.00	27.44 1.58 0.00	30.48 1.75 0.00	34.03 2.08 0.00	37.72 2.30 0.00	41.81 2.44 0.00	43.24 2.49 0.00	43.47 2.46 0.00	46.42 2.59 0.00	46.00 2.69 0.00	50.91 2.97 0.00	53.33 3.16 0.00	64.04 3.85 0.00	65.61 4.00 0.00	67.90 4.32 0.00	65.59 4.06 0.00	56.64 3.51 0.00	51.40 3.09 0.00	46.62 2.80 0.00
VISCHER___FERRY HYD 24020	35.29 1.84 0.00	30.01 1.59 0.00	27.49 1.38 0.00	28.61 1.49 0.00	27.41 1.45 0.00	28.56 1.54 0.00	27.28 1.42 0.00	30.33 1.61 0.00	33.71 1.76 0.00	37.15 1.73 0.00	40.90 1.53 0.00	42.22 1.47 0.00	42.40 1.40 0.00	45.28 1.44 0.00	45.00 1.69 0.00	49.95 2.01 0.00	52.48 2.31 0.00	63.02 2.83 0.00	64.50 2.90 0.00	66.57 2.99 0.00	64.36 2.83 0.00	55.31 2.18 0.00	50.24 1.93 0.00	45.48 1.66 0.00
V_A_10_SYNC_DSASP 323832	33.38 -0.07 0.00	28.79 0.37 0.00	26.42 0.31 0.00	27.07 -0.05 0.00	25.49 -0.47 0.00	26.64 -0.38 0.00	25.94 0.08 0.00	28.64 -0.09 0.00	31.92 -0.03 0.00	35.59 0.18 0.00	39.84 0.47 0.00	41.37 0.61 0.00	41.58 0.57 0.00	44.53 0.70 0.00	43.45 0.13 0.00	47.46 -0.48 0.00	49.27 -0.90 0.00	58.68 -1.50 0.00	60.25 -1.36 0.00	63.07 -0.51 0.00	60.61 -0.92 0.00	52.01 -1.12 0.00	48.06 -0.24 0.00	43.99 0.18 0.00
V_CMM_10_SYNC_DSASP 323787	32.41 -1.04 0.00	27.42 -1.00 0.00	25.22 -0.89 0.00	26.20 -0.92 0.00	25.10 -0.86 0.00	26.05 -0.97 0.00	24.96 -0.91 0.00	27.81 -0.92 0.00	30.99 -0.96 0.00	34.53 -0.88 0.00	38.50 -0.87 0.00	39.90 -0.86 0.00	40.23 -0.78 0.00	42.96 -0.88 0.00	42.36 -0.95 0.00	46.84 -1.10 0.00	48.92 -1.25 0.00	58.57 -1.62 0.00	59.94 -1.66 0.00	61.93 -1.65 0.00	60.12 -1.41 0.00	52.33 -0.80 0.00	47.58 -0.72 0.00	43.11 -0.70 0.00
V_CMP_10_SYNC_DSASP 323788	32.35 -1.10 0.00	27.31 -1.11 0.00	25.09 -1.02 0.00	26.06 -1.06 0.00	24.94 -1.01 0.00	25.86 -1.16 0.00	24.83 -1.04 0.00	27.75 -0.98 0.00	31.02 -0.93 0.00	34.63 -0.78 0.00	38.66 -0.71 0.00	40.06 -0.69 0.00	40.43 -0.57 0.00	43.22 -0.61 0.00	42.62 -0.69 0.00	47.03 -0.91 0.00	49.07 -1.10 0.00	58.69 -1.50 0.00	60.06 -1.54 0.00	62.05 -1.53 0.00	60.48 -1.05 0.00	52.97 -0.16 0.00	48.21 -0.10 0.00	43.64 -0.17 0.00
V_D_10_SYNC_DSASP 323841	32.58 -0.87 0.00	27.56 -0.85 0.00	25.37 -0.73 0.00	26.36 -0.76 0.00	25.23 -0.73 0.00	26.16 -0.87 0.00	25.09 -0.78 0.00	27.95 -0.77 0.00	31.15 -0.80 0.00	34.71 -0.71 0.00	38.70 -0.67 0.00	40.10 -0.65 0.00	40.43 -0.57 0.00	43.22 -0.61 0.00	42.62 -0.69 0.00	47.08 -0.86 0.00	49.12 -1.06 0.00	58.81 -1.38 0.00	60.25 -1.36 0.00	62.31 -1.27 0.00	60.54 -0.99 0.00	52.86 -0.26 0.00	47.97 -0.34 0.00	43.51 -0.30 0.00
V_E_10_SYNC_DSASP 323830	35.42 1.97 0.00	30.29 1.88 0.00	27.80 1.70 0.00	28.78 1.65 0.00	27.75 1.79 0.00	28.97 1.95 0.00	27.60 1.73 0.00	30.77 2.04 0.00	34.38 2.43 0.00	38.07 2.66 0.00	42.36 2.99 0.00	43.81 3.06 0.00	44.04 3.03 0.00	46.95 3.11 0.00	46.52 3.21 0.00	51.34 3.40 0.00	53.73 3.56 0.00	64.89 4.70 0.00	66.96 5.36 0.00	70.00 6.42 0.00	67.62 6.09 0.00	58.82 5.69 0.00	53.33 5.02 0.00	48.55 4.73 0.00



V_F_30_NSYNC___DSASP 323816	35.69 2.24 0.00	30.35 1.93 0.00	27.75 1.65 0.00	28.91 1.79 0.00	27.67 1.71 0.00	28.86 1.84 0.00	27.57 1.71 0.00	30.48 1.75 0.00	33.90 1.95 0.00	37.40 1.98 0.00	40.90 1.53 0.00	42.27 1.51 0.00	42.40 1.40 0.00	45.28 1.44 0.00	44.96 1.65 0.00	50.00 2.06 0.00	52.48 2.31 0.00	63.08 2.89 0.00	64.87 3.26 0.00	67.01 3.43 0.00	64.91 3.38 0.00	55.89 2.76 0.00	50.81 2.51 0.00	46.05 2.23 0.00
V_F_30_SYNC_DSASP 323786	34.49 1.04 0.00	29.35 0.94 0.00	26.89 0.78 0.00	28.02 0.90 0.00	26.84 0.88 0.00	27.97 0.95 0.00	26.69 0.83 0.00	29.53 0.80 0.00	32.81 0.86 0.00	36.30 0.89 0.00	40.04 0.67 0.00	41.37 0.61 0.00	41.62 0.62 0.00	44.53 0.70 0.00	44.18 0.87 0.00	49.14 1.20 0.00	51.53 1.35 0.00	61.87 1.69 0.00	63.33 1.72 0.00	65.30 1.72 0.00	63.19 1.66 0.00	54.46 1.33 0.00	49.46 1.16 0.00	44.78 0.96 0.00
V_XM_10_SYNC_DSASP 323789	32.35 -1.10 0.00	27.31 -1.11 0.00	25.09 -1.02 0.00	26.06 -1.06 0.00	24.94 -1.01 0.00	25.86 -1.16 0.00	24.83 -1.04 0.00	27.75 -0.98 0.00	31.02 -0.93 0.00	34.63 -0.78 0.00	38.66 -0.71 0.00	40.06 -0.69 0.00	40.43 -0.57 0.00	43.22 -0.61 0.00	42.62 -0.69 0.00	47.03 -0.91 0.00	49.07 -1.10 0.00	58.69 -1.50 0.00	60.06 -1.54 0.00	62.05 -1.53 0.00	60.48 -1.05 0.00	52.97 -0.16 0.00	48.21 -0.10 0.00	43.64 -0.17 0.00
W.BABYLN_69_KV_BK1 56697	37.40 3.95 0.00	31.86 3.44 0.00	28.85 2.74 0.00	29.92 2.79 0.00	28.84 2.88 0.00	29.86 2.84 0.00	29.02 3.16 0.00	32.20 3.48 0.00	36.20 4.25 0.00	40.12 4.71 0.00	43.66 4.29 0.00	44.99 4.24 0.00	45.72 4.72 0.00	48.87 5.04 0.00	48.82 5.50 0.00	54.60 6.66 0.00	57.65 7.48 0.00	69.04 8.85 0.00	70.47 8.87 0.00	72.42 8.84 0.00	69.90 8.37 0.00	59.72 6.59 0.00	53.81 5.51 0.00	48.24 4.43 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.29 2.84 0.00	30.83 2.42 0.00	28.17 2.06 0.00	29.29 2.17 0.00	28.16 2.21 0.00	29.29 2.27 0.00	28.09 2.22 0.00	31.25 2.53 0.00	34.86 2.91 0.00	38.57 3.15 0.00	42.56 3.19 0.00	44.06 3.30 0.00	44.37 3.36 0.00	47.52 3.68 0.00	47.30 3.99 0.00	52.59 4.65 0.00	55.34 5.17 0.00	66.39 6.20 0.00	67.76 6.16 0.00	69.81 6.23 0.00	67.56 6.03 0.00	57.75 4.62 0.00	52.36 4.06 0.00	47.28 3.46 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.49 3.04 0.00	31.00 2.59 0.00	28.27 2.17 0.00	29.43 2.31 0.00	28.29 2.34 0.00	29.40 2.38 0.00	28.27 2.41 0.00	31.45 2.73 0.00	35.08 3.13 0.00	38.81 3.40 0.00	42.83 3.46 0.00	44.30 3.55 0.00	44.66 3.65 0.00	47.73 3.90 0.00	47.65 4.33 0.00	52.97 5.03 0.00	55.84 5.67 0.00	66.99 6.80 0.00	68.38 6.78 0.00	70.38 6.80 0.00	67.93 6.40 0.00	57.96 4.83 0.00	52.65 4.35 0.00	47.54 3.72 0.00
W50THST__13_KV_LOAD 356117	36.63 3.18 0.00	31.12 2.70 0.00	28.38 2.27 0.00	29.54 2.41 0.00	28.40 2.44 0.00	29.51 2.49 0.00	28.37 2.51 0.00	31.60 2.87 0.00	35.24 3.29 0.00	39.03 3.61 0.00	43.03 3.66 0.00	44.55 3.79 0.00	44.90 3.90 0.00	48.00 4.16 0.00	47.87 4.55 0.00	53.31 5.37 0.00	56.14 5.97 0.00	67.35 7.16 0.00	68.75 7.15 0.00	70.77 7.18 0.00	68.30 6.77 0.00	58.23 5.10 0.00	52.89 4.59 0.00	47.80 3.99 0.00
WADING RIVER_IC_1 23522	36.49 3.04 0.00	31.34 2.93 0.00	28.35 2.25 0.00	29.24 2.12 0.00	28.19 2.23 0.00	29.18 2.16 0.00	28.73 2.87 0.00	31.69 2.96 0.00	35.66 3.70 -0.01	39.35 3.93 -0.01	42.75 3.39 0.00	44.06 3.30 0.00	44.86 3.85 0.00	48.04 4.21 0.00	48.09 4.76 -0.01	53.75 5.80 -0.01	56.91 6.73 -0.02	68.02 7.82 -0.01	69.31 7.70 -0.01	71.02 7.44 -0.01	68.49 6.95 -0.01	58.61 5.47 -0.01	52.50 4.20 0.00	47.24 3.42 0.00
WADING RIVER_IC_2 23547	36.49 3.04 0.00	31.34 2.93 0.00	28.35 2.25 0.00	29.24 2.12 0.00	28.19 2.23 0.00	29.18 2.16 0.00	28.73 2.87 0.00	31.69 2.96 0.00	35.66 3.70 -0.01	39.35 3.93 -0.01	42.75 3.39 0.00	44.06 3.30 0.00	44.86 3.85 0.00	48.04 4.21 0.00	48.09 4.76 -0.01	53.75 5.80 -0.01	56.91 6.73 -0.02	68.02 7.82 -0.01	69.31 7.70 -0.01	71.02 7.44 -0.01	68.49 6.95 -0.01	58.61 5.47 -0.01	52.50 4.20 0.00	47.24 3.42 0.00
WADING RIVER_IC_3 23601	36.49 3.04 0.00	31.34 2.93 0.00	28.35 2.25 0.00	29.24 2.12 0.00	28.19 2.23 0.00	29.18 2.16 0.00	28.73 2.87 0.00	31.69 2.96 0.00	35.66 3.70 -0.01	39.35 3.93 -0.01	42.75 3.39 0.00	44.06 3.30 0.00	44.86 3.85 0.00	48.04 4.21 0.00	48.09 4.76 -0.01	53.75 5.80 -0.01	56.91 6.73 -0.02	68.02 7.82 -0.01	69.31 7.70 -0.01	71.02 7.44 -0.01	68.49 6.95 -0.01	58.61 5.47 -0.01	52.50 4.20 0.00	47.24 3.42 0.00
WALDENNY_12_KV_BK2 80841	33.38 -0.07 0.00	28.90 0.48 0.00	26.55 0.44 0.00	27.12 0.00 0.00	25.51 -0.44 0.00	26.70 -0.32 0.00	26.10 0.23 0.00	28.75 0.03 0.00	32.11 0.16 0.00	35.84 0.42 0.00	40.12 0.75 0.00	41.73 0.98 0.00	41.99 0.98 0.00	44.97 1.14 0.00	43.79 0.48 0.00	47.75 -0.19 0.00	49.62 -0.55 0.00	59.11 -1.08 0.00	60.68 -0.92 0.00	64.03 0.45 0.00	61.41 -0.12 0.00	52.60 -0.53 0.00	48.79 0.48 0.00	44.65 0.83 0.00
WALDEN__HYDRO 24148	35.99 2.54 0.00	30.60 2.19 0.00	27.98 1.88 0.00	29.10 1.98 0.00	27.98 2.02 0.00	29.10 2.08 0.00	27.85 1.99 0.00	31.00 2.27 0.00	34.54 2.59 0.00	38.21 2.80 0.00	42.16 2.80 0.00	43.65 2.89 0.00	43.96 2.95 0.00	47.08 3.24 0.00	46.78 3.47 0.00	52.01 4.07 0.00	54.59 4.42 0.00	65.55 5.36 0.00	66.96 5.36 0.00	69.05 5.47 0.00	67.00 5.48 0.00	57.33 4.20 0.00	52.02 3.72 0.00	46.93 3.11 0.00
WARRENSBURG____ 23737	36.13 2.68 0.00	30.72 2.30 0.00	28.01 1.91 0.00	29.21 2.09 0.00	27.95 2.00 0.00	29.21 2.19 0.00	27.88 2.02 0.00	30.77 2.04 0.00	34.22 2.27 0.00	37.79 2.37 0.00	40.35 0.98 0.00	41.65 0.90 0.00	41.71 0.70 0.00	44.40 0.57 0.00	44.10 0.78 0.00	49.19 1.25 0.00	51.63 1.45 0.00	62.18 1.99 0.00	64.50 2.90 0.00	66.63 3.05 0.00	64.73 3.20 0.00	55.84 2.71 0.00	50.72 2.42 0.00	45.92 2.10 0.00
WATERSIDE____6 8 9 23538	36.63 3.18 -0.01	31.09 2.67 -0.01	28.35 2.25 0.00	29.51 2.39 0.00	28.40 2.44 -0.01	29.43 2.40 0.00	28.27 2.41 0.00	31.48 2.76 0.00	35.02 3.07 0.00	38.74 3.33 0.00	42.75 3.39 0.00	44.26 3.51 0.00	44.62 3.61 0.00	47.65 3.81 0.00	47.56 4.25 0.00	52.93 4.99 0.00	55.74 5.57 0.00	66.75 6.56 0.00	68.19 6.59 0.00	70.13 6.55 0.00	67.74 6.21 0.00	57.70 4.57 0.00	52.55 4.25 0.00	47.67 3.86 0.00
WATKINRD_115KV_LN8_ILLION 55919	33.45 0.00 0.00	28.47 0.06 0.00	26.16 0.05 0.00	27.18 0.05 0.00	26.06 0.10 0.00	27.13 0.11 0.00	25.94 0.08 0.00	28.81 0.09 0.00	32.08 0.13 0.00	35.55 0.14 0.00	39.45 0.08 0.00	40.84 0.08 0.00	41.09 0.08 0.00	43.88 0.04 0.00	43.45 0.13 0.00	48.08 0.14 0.00	50.32 0.15 0.00	60.43 0.24 0.00	61.85 0.25 0.00	63.90 0.32 0.00	61.77 0.25 0.00	53.45 0.32 0.00	48.55 0.24 0.00	44.04 0.22 0.00

WDELAWARE___HYD 323627	35.76 2.31 0.00	30.41 1.99 0.00	27.78 1.67 0.00	28.88 1.76 0.00	27.77 1.82 0.00	28.91 1.89 0.00	27.65 1.78 0.00	30.74 2.01 0.00	34.28 2.33 0.00	37.93 2.51 0.00	41.85 2.48 0.00	43.37 2.61 0.00	43.63 2.63 0.00	46.73 2.89 0.00	46.39 3.08 0.00	51.54 3.60 0.00	53.88 3.71 0.00	64.58 4.39 0.00	66.04 4.44 0.00	68.16 4.58 0.00	66.39 4.86 0.00	56.90 3.77 0.00	51.68 3.38 0.00	46.71 2.89 0.00
WEST BABYLON___IC 23714	37.40 3.95 0.00	31.86 3.44 0.00	28.85 2.74 0.00	29.92 2.79 0.00	28.84 2.88 0.00	29.86 2.84 0.00	29.02 3.16 0.00	32.20 3.48 0.00	36.20 4.25 0.00	40.12 4.71 0.00	43.66 4.29 0.00	44.99 4.24 0.00	45.72 4.72 0.00	48.87 5.04 0.00	48.82 5.50 0.00	54.60 6.66 0.00	57.65 7.48 0.00	69.04 8.85 0.00	70.47 8.87 0.00	72.42 8.84 0.00	69.90 8.37 0.00	59.72 6.59 0.00	53.81 5.51 0.00	48.24 4.43 0.00
WEST CANADA___HYD 24049	33.72 0.27 0.00	28.67 0.26 0.00	26.31 0.21 0.00	27.37 0.24 0.00	26.19 0.23 0.00	27.29 0.27 0.00	26.10 0.23 0.00	28.95 0.23 0.00	32.21 0.25 0.00	35.66 0.25 0.00	39.61 0.24 0.00	40.96 0.20 0.00	41.21 0.21 0.00	44.05 0.22 0.00	43.58 0.26 0.00	48.28 0.34 0.00	50.53 0.35 0.00	60.61 0.42 0.00	62.04 0.43 0.00	64.09 0.51 0.00	62.02 0.49 0.00	53.50 0.37 0.00	48.64 0.34 0.00	44.13 0.31 0.00
WESTERN_NY_WIND 24143	34.22 0.77 0.00	29.52 1.11 0.00	27.07 0.97 0.00	27.69 0.57 0.00	26.06 0.10 0.00	27.18 0.16 0.00	26.48 0.62 0.00	29.24 0.52 0.00	32.69 0.73 0.00	36.48 1.06 0.00	40.94 1.57 0.00	42.51 1.75 0.00	42.77 1.76 0.00	45.72 1.88 0.00	44.57 1.26 0.00	48.66 0.72 0.00	50.42 0.25 0.00	60.13 -0.06 0.00	61.79 0.18 0.00	64.85 1.27 0.00	62.45 0.92 0.00	53.87 0.74 0.00	49.75 1.45 0.00	45.44 1.62 0.00
WESTOVER___LESR 323668	34.12 0.67 0.00	29.13 0.71 0.00	26.78 0.68 0.00	27.72 0.60 0.00	26.45 0.49 0.00	27.59 0.57 0.00	26.48 0.62 0.00	29.42 0.69 0.00	32.72 0.77 0.00	36.23 0.81 0.00	40.31 0.94 0.00	41.82 1.06 0.00	42.03 1.03 0.00	44.97 1.14 0.00	44.36 1.04 0.00	48.90 0.96 0.00	51.23 1.05 0.00	61.39 1.20 0.00	62.90 1.29 0.00	65.42 1.84 0.00	63.13 1.60 0.00	54.35 1.22 0.00	49.56 1.26 0.00	45.04 1.23 0.00
WETHRSFD_WT_PWR 323626	32.68 -0.77 0.00	28.19 -0.23 0.00	25.95 -0.16 0.00	26.61 -0.52 0.00	25.18 -0.78 0.00	26.37 -0.65 0.00	25.68 -0.18 0.00	28.32 -0.40 0.00	31.57 -0.38 0.00	35.06 -0.35 0.00	39.33 -0.04 0.00	40.96 0.20 0.00	41.13 0.12 0.00	44.05 0.22 0.00	42.62 -0.69 0.00	46.65 -1.29 0.00	48.62 -1.56 0.00	58.74 -1.45 0.00	60.19 -1.41 0.00	63.64 0.06 0.00	61.96 0.43 0.00	53.66 0.53 0.00	49.32 1.02 0.00	45.00 1.18 0.00
WHAVSTOR_138KV_BK127 55557	36.13 2.68 0.00	30.69 2.27 0.00	28.04 1.93 0.00	29.18 2.06 0.00	28.03 2.08 0.00	29.16 2.13 0.00	27.98 2.12 0.00	31.14 2.41 0.00	34.70 2.75 0.00	38.39 2.97 0.00	42.36 2.99 0.00	43.85 3.10 0.00	44.17 3.16 0.00	47.25 3.42 0.00	47.09 3.77 0.00	52.35 4.41 0.00	55.14 4.97 0.00	66.15 5.96 0.00	67.58 5.98 0.00	69.56 5.98 0.00	67.19 5.66 0.00	57.43 4.30 0.00	52.07 3.77 0.00	47.02 3.20 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.13 2.68 0.00	30.69 2.27 0.00	28.04 1.93 0.00	29.18 2.06 0.00	28.03 2.08 0.00	29.16 2.13 0.00	27.98 2.12 0.00	31.14 2.41 0.00	34.70 2.75 0.00	38.39 2.97 0.00	42.36 2.99 0.00	43.85 3.10 0.00	44.17 3.16 0.00	47.25 3.42 0.00	47.09 3.77 0.00	52.35 4.41 0.00	55.14 4.97 0.00	66.15 5.96 0.00	67.58 5.98 0.00	69.56 5.98 0.00	67.19 5.66 0.00	57.43 4.30 0.00	52.07 3.77 0.00	47.02 3.20 0.00
WHITEHAL_115KV_TB1 80871	37.16 3.71 0.00	31.57 3.15 0.00	28.66 2.56 0.00	29.92 2.79 0.00	28.58 2.62 0.00	29.97 2.95 0.00	28.55 2.69 0.00	31.34 2.61 0.00	34.86 2.91 0.00	38.53 3.12 0.00	41.18 1.81 0.00	42.47 1.71 0.00	42.40 1.39 0.00	45.19 1.36 0.00	44.88 1.56 0.00	50.19 2.25 0.00	52.68 2.51 0.00	63.62 3.43 0.00	66.28 4.68 0.00	68.67 5.09 0.00	66.76 5.23 0.00	57.64 4.52 0.00	52.41 4.11 0.00	47.45 3.64 0.00
WHITEPLN_13_KV_LOAD 356215	36.56 3.11 0.00	31.06 2.64 0.00	28.35 2.25 0.00	29.54 2.41 0.00	28.37 2.41 0.00	29.51 2.49 0.00	28.32 2.46 0.00	31.57 2.84 0.00	35.24 3.29 0.00	39.03 3.61 0.00	43.11 3.74 0.00	44.67 3.91 0.00	45.03 4.02 0.00	48.17 4.34 0.00	48.13 4.81 0.00	53.64 5.70 0.00	56.95 6.77 0.00	68.43 8.25 0.00	69.86 8.25 0.00	71.78 8.20 0.00	68.97 7.44 0.00	58.65 5.53 0.00	53.09 4.78 0.00	47.89 4.07 0.00
WM_FLOYD_69_KV_BK2 356380	36.86 3.41 0.00	31.60 3.18 0.00	28.56 2.45 0.00	29.54 2.41 0.00	28.50 2.54 0.00	29.48 2.46 0.00	28.89 3.03 0.00	31.91 3.19 0.00	35.91 3.96 0.00	39.70 4.29 0.00	43.11 3.74 0.00	44.42 3.67 0.00	45.23 4.22 0.00	48.44 4.60 0.00	48.47 5.15 0.00	54.27 6.33 0.00	57.41 7.22 -0.01	68.74 8.55 0.00	70.23 8.62 0.00	72.04 8.46 0.00	69.40 7.88 0.00	59.34 6.22 0.00	53.33 5.02 0.00	47.76 3.94 0.00
WOODARD___115KV_TB2 355635	33.48 0.03 0.00	28.53 0.11 0.00	26.21 0.10 0.00	27.18 0.05 0.00	25.93 -0.03 0.00	27.05 0.03 0.00	25.91 0.05 0.00	28.81 0.09 0.00	32.05 0.10 0.00	35.48 0.00 -0.06	40.34 0.12 -0.86	41.85 0.12 -0.97	42.12 0.12 -0.99	45.09 0.13 -1.13	44.49 0.09 -1.08	49.36 0.00 -1.42	50.12 -0.05 0.00	60.07 -0.12 0.00	61.60 0.00 0.00	65.75 0.19 -1.98	63.49 0.06 -1.90	54.51 -0.05 -1.43	49.73 0.05 -1.38	45.11 0.09 -1.21
WOODMERE_69_KV_BK1 55827	37.23 3.78 0.00	31.66 3.24 0.00	28.72 2.61 0.00	29.83 2.71 0.00	28.73 2.78 0.00	29.78 2.76 0.00	28.81 2.95 0.00	32.00 3.27 0.00	35.88 3.93 0.00	39.73 4.32 0.00	43.62 4.25 0.00	44.99 4.24 0.00	45.64 4.63 0.00	48.83 5.00 0.00	48.73 5.41 0.00	54.27 6.33 0.00	57.20 7.02 0.00	68.68 8.49 0.00	70.17 8.56 0.00	72.23 8.65 0.00	69.77 8.24 0.00	59.50 6.38 0.00	53.71 5.41 0.00	48.29 4.47 0.00
YORK___WARBASSE 23770	36.74 3.28 -0.01	31.15 2.73 -0.01	28.38 2.27 0.00	29.56 2.44 0.00	28.43 2.47 -0.01	29.43 2.40 0.00	28.24 2.38 0.00	31.45 2.73 0.00	34.99 3.04 0.00	38.78 3.36 0.00	42.83 3.46 0.00	44.34 3.59 0.00	44.74 3.73 0.00	47.73 3.90 0.00	47.65 4.33 0.00	53.12 5.18 0.00	55.89 5.72 0.00	66.93 6.74 0.00	68.38 6.78 0.00	70.32 6.74 0.00	67.93 6.40 0.00	57.86 4.73 0.00	52.65 4.35 0.00	47.89 4.07 0.00