

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$																			--- Marginal Cost of Losses																			--- Marginal Cost of Congestion																			08/03/2025		
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00																																				
59TH STREET_GT_1	24138	36.99	31.73	29.01	27.00	26.70	27.18	27.49	27.94	27.97	28.09	29.72	31.97	32.96	36.42	39.70	44.80	53.16	66.25	77.54	79.80	71.29	59.01	51.67	45.32																																				
		1.96	1.85	1.59	1.43	1.49	1.47	1.68	1.71	1.61	1.71	1.76	2.06	2.21	2.41	2.63	2.85	3.01	3.03	3.20	3.07	2.54	1.94	1.89	1.66																																				
		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																																				
74TH STREET_GT_1	24260	36.99	31.73	29.01	27.00	26.70	27.15	27.49	27.94	27.97	28.06	29.72	31.97	32.96	36.45	39.70	44.80	53.11	66.25	77.54	79.80	71.29	59.01	51.67	45.32																																				
		1.96	1.85	1.59	1.43	1.49	1.44	1.68	1.71	1.61	1.69	1.76	2.06	2.21	2.45	2.63	2.85	2.96	3.03	3.20	3.07	2.54	1.94	1.89	1.66																																				
		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																																				
74TH STREET_GT_2	24261	36.99	31.73	29.01	27.00	26.70	27.15	27.49	27.94	27.97	28.06	29.72	31.97	32.96	36.45	39.70	44.80	53.11	66.25	77.54	79.80	71.29	59.01	51.67	45.32																																				
		1.96	1.85	1.59	1.43	1.49	1.44	1.68	1.71	1.61	1.69	1.76	2.06	2.21	2.45	2.63	2.85	2.96	3.03	3.20	3.07	2.54	1.94	1.89	1.66																																				
		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																																				
ADK HUDSON___FALLS	24011	36.64	31.31	28.77	26.79	26.40	26.97	27.13	27.34	27.08	26.98	28.33	30.26	31.21	34.52	37.74	42.74	51.35	65.37	77.91	80.72	72.39	59.98	52.22	45.49																																				
		1.61	1.43	1.34	1.23	1.19	1.26	1.32	1.10	0.71	0.61	0.36	0.36	0.46	0.51	0.67	0.80	1.20	2.15	3.57	3.99	3.64	2.91	2.44	1.83																																				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23798	36.67	31.37	28.79	26.82	26.43	27.00	27.16	27.34	27.05	26.90	28.30	30.20	31.18	34.48	37.74	42.78	51.40	65.56	78.21	80.94	72.80	60.20	52.37	45.63																																				
		1.65	1.49	1.37	1.25	1.21	1.29	1.34	1.10	0.68	0.53	0.34	0.30	0.43	0.48	0.67	0.84	1.25	2.34	3.86	4.22	4.05	3.14	2.59	1.97																																				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24028	36.64	31.31	28.77	26.79	26.40	26.97	27.13	27.34	27.08	26.98	28.33	30.26	31.21	34.52	37.74	42.74	51.35	65.37	77.91	80.72	72.39	59.98	52.22	45.49																																				
		1.61	1.43	1.34	1.23	1.19	1.26	1.32	1.10	0.71	0.61	0.36	0.36	0.46	0.51	0.67	0.80	1.20	2.15	3.57	3.99	3.64	2.91	2.44	1.83																																				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23527	36.64	31.46	28.88	26.92	26.55	27.08	27.26	27.76	27.60	27.43	29.05	31.01	31.91	35.13	38.25	43.08	51.71	65.62	77.10	79.25	71.22	59.18	51.48	45.02																																				
		1.61	1.58	1.45	1.35	1.34	1.36	1.44	1.52	1.24	1.06	1.09	1.11	1.17	1.12	1.19	1.13	1.56	2.40	2.75	2.53	2.47	2.11	1.69	1.35																																				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24190	35.34	30.39	28.08	26.15	25.82	26.31	26.51	26.87	26.60	26.56	28.10	30.02	30.93	34.14	37.25	41.95	50.15	63.28	74.42	76.80	68.75	57.12	49.83	43.57																																				
		0.32	0.51	0.66	0.59	0.61	0.59	0.70	0.63	0.24	0.18	0.14	0.12	0.18	0.14	0.19	0.00	0.00	0.06	0.07	0.08	0.00	0.06	0.05	-0.09																																				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	355683	34.61	29.28	26.85	25.13	24.79	25.28	25.27	25.92	26.36	26.43	27.99	29.93	30.72	33.97	36.99	41.99	49.90	63.15	73.90	76.57	68.75	56.37	48.61	42.78																																				
		-0.42	-0.60	-0.58	-0.43	-0.43	-0.44	-0.54	-0.31	0.00	0.05	0.03	0.03	-0.03	-0.03	-0.07	0.04	-0.25	-0.06	-0.45	-0.15	0.00	0.29	0.30	0.39																																				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.98	1.47	1.27																																				
ALBANY_1_SOLAR	323833	36.04	30.92	28.41	26.56	26.20	26.72	26.85	27.05	26.71	26.56	28.13	30.02	30.93	34.18	37.36	42.24	50.60	64.17	75.68	78.18	70.26	58.38	50.88	44.53																																				
		1.02	1.05	0.99	1.00	0.98	1.00	1.03	0.81	0.34	0.19	0.17	0.12	0.19	0.17	0.30	0.30	0.45	0.95	1.34	1.45	1.51	1.31	1.09	0.87																																				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	323834	36.04	30.92	28.41	26.54	26.20	26.72	26.85	27.05	26.71	26.56	28.13	30.02	30.93	34.18	37.36	42.24	50.60	64.10	75.68	78.18	70.26	58.32	50.88	44.53																																				
		1.02	1.05	0.99	0.97	0.98	1.00	1.03	0.81	0.34	0.19	0.17	0.12	0.19	0.17	0.30	0.30	0.45	0.88	1.34	1.45	1.51	1.25	1.09	0.87																																				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																																				
ALBANY___1	23571	35.34	30.39	28.08	26.15	25.82	26.31	26.51	26.87	26.60	26.56	28.10	30.02	30.93	34.14	37.25	41.95	50.15	63.28	74.42	76.80	68.75	57.12	49.83	43.57																																				
		0.32	0.51	0.66	0.59	0.61	0.59	0.70	0.63	0.24	0.18	0.14	0.12	0.18	0.14	0.19	0.00	0.00	0.06	0.07	0.08	0.00	0.06	0.05	-0.09																																				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	35.34 0.32 0.00	30.39 0.51 0.00	28.08 0.66 0.00	26.15 0.59 0.00	25.82 0.61 0.00	26.31 0.59 0.00	26.51 0.70 0.00	26.87 0.63 0.00	26.60 0.24 0.00	26.56 0.18 0.00	28.10 0.14 0.00	30.02 0.12 0.00	30.93 0.18 0.00	34.14 0.14 0.00	37.25 0.19 0.00	41.95 0.00 0.00	50.15 0.00 0.00	63.28 0.06 0.00	74.42 0.07 0.00	76.80 0.08 0.00	68.75 0.00 0.00	57.12 0.06 0.00	49.83 0.05 0.00	43.57 -0.09 0.00
ALBANY___3 23573	35.34 0.32 0.00	30.39 0.51 0.00	28.08 0.66 0.00	26.15 0.59 0.00	25.82 0.61 0.00	26.31 0.59 0.00	26.51 0.70 0.00	26.87 0.63 0.00	26.60 0.24 0.00	26.56 0.18 0.00	28.10 0.14 0.00	30.02 0.12 0.00	30.93 0.18 0.00	34.14 0.14 0.00	37.25 0.19 0.00	41.95 0.00 0.00	50.15 0.00 0.00	63.28 0.06 0.00	74.42 0.07 0.00	76.80 0.08 0.00	68.75 0.00 0.00	57.12 0.06 0.00	49.83 0.05 0.00	43.57 -0.09 0.00
ALBANY___4 23574	35.34 0.32 0.00	30.39 0.51 0.00	28.08 0.66 0.00	26.15 0.59 0.00	25.82 0.61 0.00	26.31 0.59 0.00	26.51 0.70 0.00	26.87 0.63 0.00	26.60 0.24 0.00	26.56 0.18 0.00	28.10 0.14 0.00	30.02 0.12 0.00	30.93 0.18 0.00	34.14 0.14 0.00	37.25 0.19 0.00	41.95 0.00 0.00	50.15 0.00 0.00	63.28 0.06 0.00	74.42 0.07 0.00	76.80 0.08 0.00	68.75 0.00 0.00	57.12 0.06 0.00	49.83 0.05 0.00	43.57 -0.09 0.00
ALBANY___LFGE 323615	35.69 0.66 0.00	30.65 0.78 0.00	28.14 0.71 0.00	26.36 0.79 0.00	26.02 0.81 0.00	26.54 0.82 0.00	26.72 0.90 0.00	27.05 0.81 0.00	26.78 0.42 0.00	26.69 0.32 0.00	28.30 0.34 0.00	30.26 0.36 0.00	31.21 0.46 0.00	34.45 0.44 0.00	37.63 0.56 0.00	42.41 0.46 0.00	50.70 0.55 0.00	64.04 0.82 0.00	75.24 0.90 0.00	77.49 0.77 0.00	69.57 0.83 0.00	57.75 0.69 0.00	50.33 0.55 0.00	44.05 0.39 0.00
ALCOA_PA_115KV_PL-6C 55860	34.78 -0.25 0.00	29.43 -0.45 0.00	27.01 -0.41 0.00	25.28 -0.28 0.00	24.94 -0.28 0.00	25.43 -0.28 0.00	25.40 -0.41 0.00	26.06 -0.18 0.00	26.57 0.21 0.00	26.64 0.26 0.00	28.21 0.25 0.00	30.17 0.27 0.00	30.96 0.22 0.00	34.28 0.27 0.00	37.33 0.26 0.00	42.36 0.42 0.00	50.30 0.15 0.00	63.79 0.57 0.00	74.42 0.07 0.00	77.19 0.46 0.00	69.36 0.62 0.00	66.91 0.97 -8.88	64.06 0.95 -13.33	56.11 0.92 -11.54
ALCOA_RYNLDS___DRP 24188	34.78 -0.25 0.00	29.43 -0.45 0.00	27.01 -0.41 0.00	25.28 -0.28 0.00	24.94 -0.28 0.00	25.43 -0.28 0.00	25.40 -0.41 0.00	26.06 -0.18 0.00	26.57 0.21 0.00	26.64 0.26 0.00	28.21 0.25 0.00	30.17 0.27 0.00	30.96 0.22 0.00	34.28 0.27 0.00	37.33 0.26 0.00	42.36 0.42 0.00	50.30 0.15 0.00	63.79 0.57 0.00	74.42 0.07 0.00	77.19 0.46 0.00	69.36 0.62 0.00	66.91 0.97 -8.88	64.06 0.95 -13.33	56.11 0.92 -11.54
ALCOA___DSASP 323711	34.78 -0.24 0.00	29.43 -0.45 0.00	27.01 -0.41 0.00	25.29 -0.28 0.00	24.94 -0.28 0.00	25.43 -0.28 0.00	25.40 -0.41 0.00	26.06 -0.18 0.00	26.57 0.21 0.00	26.64 0.26 0.00	28.21 0.25 0.00	30.17 0.27 0.00	30.96 0.22 0.00	34.28 0.27 0.00	37.33 0.26 0.00	42.36 0.42 0.00	50.30 0.15 0.00	63.78 0.57 0.00	74.34 0.00 0.00	77.49 0.77 0.00	69.36 0.62 0.00	66.91 0.97 -8.88	64.11 1.00 -13.33	56.29 1.09 -11.54
ALLEGHENY___COGEN 23514	36.81 1.79 0.00	31.55 1.67 0.00	29.07 1.65 0.00	26.92 1.35 0.00	26.48 1.26 0.00	27.10 1.39 0.00	26.82 1.01 0.00	26.32 0.08 0.00	25.84 -0.53 0.00	25.79 -0.58 0.00	27.35 -0.62 0.00	29.33 -0.57 0.00	30.32 -0.43 0.00	33.70 -0.31 0.00	36.88 -0.18 0.00	41.95 0.00 0.00	51.35 1.20 0.00	65.49 2.27 0.00	78.65 4.31 0.00	82.48 5.76 0.00	73.76 5.02 0.00	60.83 3.77 0.00	52.82 3.04 0.00	46.46 2.80 0.00
ALTAMONT_115KV_TB 2 55880	35.69 0.67 0.00	30.62 0.75 0.00	28.16 0.74 0.00	26.23 0.66 0.00	25.90 0.68 0.00	26.38 0.67 0.00	26.56 0.75 0.00	26.95 0.71 0.00	26.81 0.45 0.00	26.77 0.40 0.00	28.33 0.36 0.00	30.29 0.39 0.00	31.21 0.46 0.00	34.45 0.44 0.00	37.59 0.52 0.00	42.45 0.50 0.00	50.75 0.60 0.00	63.98 0.76 0.00	75.24 0.89 0.00	77.65 0.92 0.00	69.50 0.76 0.00	57.81 0.74 0.00	50.43 0.65 0.00	44.14 0.48 0.00
ALTONA_WT_PWR 323606	34.36 -0.67 0.00	29.07 -0.81 0.00	26.71 -0.71 0.00	25.03 -0.54 0.00	24.69 -0.53 0.00	25.15 -0.57 0.00	25.14 -0.67 0.00	25.85 -0.39 0.00	26.34 -0.03 0.00	26.43 0.05 0.00	28.02 0.06 0.00	29.96 0.06 0.00	30.72 -0.03 0.00	34.01 0.00 0.00	37.03 -0.04 0.00	42.03 0.08 0.00	49.45 -0.70 0.00	62.58 -0.63 0.00	73.37 -0.97 0.00	76.50 -0.23 0.00	68.47 -0.27 0.00	56.90 -0.17 0.00	49.78 0.00 0.00	44.19 0.53 0.00
AMERICAN_REF_FUEL 24010	34.96 -0.07 0.00	30.15 0.27 0.00	27.92 0.49 0.00	25.85 0.28 0.00	25.32 0.10 0.00	25.87 0.16 0.00	25.51 -0.31 0.00	24.80 -1.44 0.00	24.70 -1.66 0.00	24.82 -1.56 0.00	26.59 -1.37 0.00	28.80 -1.11 0.00	29.73 -1.01 0.00	32.95 -1.05 0.00	35.96 -1.11 0.00	40.56 -1.38 0.00	49.80 -0.35 0.00	62.46 -0.76 0.00	73.60 -0.74 0.00	75.50 -1.23 0.00	66.89 -1.85 0.00	55.18 -1.88 0.00	48.39 -1.39 0.00	43.44 -0.22 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	35.48 0.45 0.00	30.71 0.84 0.00	28.38 0.96 0.00	26.28 0.71 0.00	25.72 0.50 0.00	26.33 0.62 0.00	26.02 0.21 0.00	25.64 -0.60 0.00	25.57 -0.79 0.00	25.71 -0.66 0.00	27.57 -0.39 0.00	29.90 0.00 0.00	30.90 0.15 0.00	34.28 0.27 0.00	37.36 0.30 0.00	42.28 0.33 0.00	51.86 1.71 0.00	65.11 1.89 0.00	76.79 2.45 0.00	78.95 2.23 0.00	70.05 1.30 0.00	57.58 0.51 0.00	50.48 0.70 0.00	44.45 0.79 0.00
ARTHUR KILL_GT_1 23520	29.51 2.42 7.93	32.09 2.21 0.00	29.32 1.89 0.00	27.30 1.74 0.00	26.98 1.77 0.00	27.36 1.65 0.00	27.60 1.78 0.00	27.94 1.71 0.00	27.92 1.56 0.00	28.11 1.74 0.00	29.75 1.79 0.00	32.03 2.12 0.00	32.96 2.21 0.00	36.45 2.45 0.00	39.59 2.52 0.00	44.67 2.73 0.00	52.35 2.21 0.01	65.05 1.83 0.00	76.28 1.93 0.00	78.57 1.84 0.00	70.19 1.44 0.00	58.15 1.08 0.00	51.23 1.44 0.00	45.41 1.75 0.00
ARTHUR_KILL_2 23512	29.41 2.31 7.93	32.01 2.12 -0.01	29.32 1.89 -0.01	27.23 1.66 -0.01	26.94 1.72 -0.01	27.31 1.59 0.00	27.55 1.73 0.00	27.89 1.65 0.00	27.81 1.45 0.00	27.99 1.61 -0.01	29.68 1.71 -0.01	31.95 2.03 -0.01	32.85 2.09 -0.01	36.36 2.34 -0.01	39.48 2.41 -0.01	44.47 2.52 -0.01	52.15 2.01 0.01	64.72 1.51 0.01	75.52 1.19 0.01	77.41 0.69 0.01	69.50 0.76 0.01	57.80 0.74 0.01	51.03 1.25 0.00	45.23 1.57 0.00
ARTHUR_KILL_3 23513	28.67 1.58 7.93	31.43 1.55 0.00	28.74 1.32 0.00	26.74 1.18 0.00	26.45 1.24 0.00	26.90 1.18 0.00	27.23 1.42 0.00	27.71 1.47 0.00	27.71 1.34 0.00	27.80 1.42 0.00	29.42 1.45 0.00	31.67 1.76 0.00	32.65 1.91 0.00	36.12 2.11 0.00	39.33 2.26 0.00	44.29 2.35 0.00	52.51 2.36 0.00	65.43 2.21 0.00	76.27 1.93 0.00	78.11 1.38 0.00	70.05 1.30 0.00	58.09 1.03 0.00	50.93 1.15 0.00	44.70 1.05 0.01

ARTHUR_KILL_COGEN 323718	29.52 2.42 7.93	32.10 2.21 -0.01	29.38 1.95 -0.01	27.31 1.74 -0.01	26.99 1.76 -0.01	27.36 1.65 0.00	27.60 1.78 0.00	27.94 1.70 0.00	27.89 1.53 0.00	28.07 1.69 -0.01	29.76 1.79 -0.01	32.03 2.12 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.60 2.52 -0.01	44.64 2.69 -0.01	52.35 2.20 0.01	65.04 1.83 0.01	75.82 1.49 0.01	77.79 1.07 0.01	69.77 1.03 0.01	57.97 0.91 0.01	51.17 1.39 0.00	45.41 1.75 0.00
ASHOKAN____ 23654	36.50 1.47 0.00	31.34 1.46 0.00	28.66 1.24 0.00	26.66 1.10 0.00	26.40 1.19 0.00	26.74 1.03 0.00	26.98 1.16 0.00	27.16 0.92 0.00	26.84 0.48 0.00	26.71 0.34 0.00	28.38 0.42 0.00	30.38 0.48 0.00	31.36 0.61 0.00	34.75 0.75 0.00	38.07 1.00 0.00	43.12 1.17 0.00	51.65 1.50 0.00	65.56 2.34 0.00	77.39 3.05 0.00	79.72 2.99 0.00	71.63 2.89 0.00	59.35 2.29 0.00	51.52 1.74 0.00	45.10 1.44 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.93 1.89 -0.01	31.68 1.79 -0.01	28.99 1.56 -0.01	26.95 1.38 -0.01	26.64 1.41 -0.01	27.08 1.36 0.00	27.39 1.57 0.00	27.84 1.60 0.00	27.84 1.48 0.00	28.02 1.64 -0.01	29.68 1.71 -0.01	31.95 2.03 -0.01	32.94 2.18 -0.01	36.43 2.41 -0.01	39.75 2.67 -0.01	44.85 2.89 -0.01	52.71 2.56 0.00	65.42 2.21 0.01	76.34 2.01 0.01	78.25 1.53 0.01	70.18 1.45 0.01	58.03 0.97 0.01	51.52 1.74 0.00	45.37 1.70 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	36.93 1.89 -0.01	31.68 1.79 -0.01	28.99 1.56 -0.01	26.95 1.38 -0.01	26.64 1.41 -0.01	27.08 1.36 0.00	27.39 1.57 0.00	27.84 1.60 0.00	27.84 1.48 0.00	28.02 1.64 -0.01	29.68 1.71 -0.01	31.95 2.03 -0.01	32.94 2.18 -0.01	36.43 2.41 -0.01	39.75 2.67 -0.01	44.85 2.89 -0.01	52.71 2.56 0.00	65.42 2.21 0.01	76.34 2.01 0.01	78.25 1.53 0.01	70.18 1.45 0.01	58.03 0.97 0.01	51.52 1.74 0.00	45.37 1.70 -0.01
ASTORIA_GT2_1 24094	36.95 1.93 0.00	31.67 1.79 0.00	28.96 1.54 0.00	26.95 1.38 0.00	26.65 1.44 0.00	27.10 1.39 0.00	27.42 1.60 0.00	27.84 1.60 0.00	27.87 1.50 0.00	28.06 1.69 0.00	29.70 1.73 0.00	31.94 2.03 0.00	32.96 2.21 0.00	36.42 2.41 0.00	39.77 2.71 0.00	44.92 2.98 0.00	52.76 2.61 0.00	65.49 2.28 0.00	76.65 2.30 0.00	78.87 2.15 0.00	70.53 1.79 0.00	58.44 1.37 0.00	51.48 1.69 0.00	45.50 1.83 -0.01
ASTORIA_GT2_2 24095	36.95 1.93 0.00	31.67 1.79 0.00	28.96 1.54 0.00	26.95 1.38 0.00	26.65 1.44 0.00	27.10 1.39 0.00	27.42 1.60 0.00	27.84 1.60 0.00	27.87 1.50 0.00	28.06 1.69 0.00	29.70 1.73 0.00	31.94 2.03 0.00	32.96 2.21 0.00	36.42 2.41 0.00	39.77 2.71 0.00	44.92 2.98 0.00	52.76 2.61 0.00	65.49 2.28 0.00	76.65 2.30 0.00	78.87 2.15 0.00	70.53 1.79 0.00	58.44 1.37 0.00	51.48 1.69 0.00	45.50 1.83 -0.01
ASTORIA_GT2_3 24096	36.95 1.93 0.00	31.67 1.79 0.00	28.96 1.54 0.00	26.95 1.38 0.00	26.65 1.44 0.00	27.10 1.39 0.00	27.42 1.60 0.00	27.84 1.60 0.00	27.87 1.50 0.00	28.06 1.69 0.00	29.70 1.73 0.00	31.94 2.03 0.00	32.96 2.21 0.00	36.42 2.41 0.00	39.77 2.71 0.00	44.92 2.98 0.00	52.76 2.61 0.00	65.49 2.28 0.00	76.65 2.30 0.00	78.87 2.15 0.00	70.53 1.79 0.00	58.44 1.37 0.00	51.48 1.69 0.00	45.50 1.83 -0.01
ASTORIA_GT2_4 24097	36.95 1.93 0.00	31.67 1.79 0.00	28.96 1.54 0.00	26.95 1.38 0.00	26.65 1.44 0.00	27.10 1.39 0.00	27.42 1.60 0.00	27.84 1.60 0.00	27.87 1.50 0.00	28.06 1.69 0.00	29.70 1.73 0.00	31.94 2.03 0.00	32.96 2.21 0.00	36.42 2.41 0.00	39.77 2.71 0.00	44.92 2.98 0.00	52.76 2.61 0.00	65.49 2.28 0.00	76.65 2.30 0.00	78.87 2.15 0.00	70.53 1.79 0.00	58.44 1.37 0.00	51.48 1.69 0.00	45.50 1.83 -0.01
ASTORIA_GT3_1 24098	36.95 1.93 0.00	31.67 1.79 0.00	28.96 1.54 0.00	26.95 1.38 0.00	26.65 1.44 0.00	27.10 1.39 0.00	27.42 1.60 0.00	27.84 1.60 0.00	27.87 1.50 0.00	28.06 1.69 0.00	29.70 1.73 0.00	31.94 2.03 0.00	32.96 2.21 0.00	36.42 2.41 0.00	39.77 2.71 0.00	44.92 2.98 0.00	52.76 2.61 0.00	65.49 2.28 0.00	76.65 2.30 0.00	78.87 2.15 0.00	70.53 1.79 0.00	58.44 1.37 0.00	51.48 1.69 0.00	45.50 1.83 -0.01
ASTORIA_GT3_2 24099	36.95 1.93 0.00	31.67 1.79 0.00	28.96 1.54 0.00	26.95 1.38 0.00	26.65 1.44 0.00	27.10 1.39 0.00	27.42 1.60 0.00	27.84 1.60 0.00	27.87 1.50 0.00	28.06 1.69 0.00	29.70 1.73 0.00	31.94 2.03 0.00	32.96 2.21 0.00	36.42 2.41 0.00	39.77 2.71 0.00	44.92 2.98 0.00	52.76 2.61 0.00	65.49 2.28 0.00	76.65 2.30 0.00	78.87 2.15 0.00	70.53 1.79 0.00	58.44 1.37 0.00	51.48 1.69 0.00	45.50 1.83 -0.01
ASTORIA_GT3_3 24100	36.95 1.93 0.00	31.67 1.79 0.00	28.96 1.54 0.00	26.95 1.38 0.00	26.65 1.44 0.00	27.10 1.39 0.00	27.42 1.60 0.00	27.84 1.60 0.00	27.87 1.50 0.00	28.06 1.69 0.00	29.70 1.73 0.00	31.94 2.03 0.00	32.96 2.21 0.00	36.42 2.41 0.00	39.77 2.71 0.00	44.92 2.98 0.00	52.76 2.61 0.00	65.49 2.28 0.00	76.65 2.30 0.00	78.87 2.15 0.00	70.53 1.79 0.00	58.44 1.37 0.00	51.48 1.69 0.00	45.50 1.83 -0.01
ASTORIA_GT3_4 24101	36.95 1.93 0.00	31.67 1.79 0.00	28.96 1.54 0.00	26.95 1.38 0.00	26.65 1.44 0.00	27.10 1.39 0.00	27.42 1.60 0.00	27.84 1.60 0.00	27.87 1.50 0.00	28.06 1.69 0.00	29.70 1.73 0.00	31.94 2.03 0.00	32.96 2.21 0.00	36.42 2.41 0.00	39.77 2.71 0.00	44.92 2.98 0.00	52.76 2.61 0.00	65.49 2.28 0.00	76.65 2.30 0.00	78.87 2.15 0.00	70.53 1.79 0.00	58.44 1.37 0.00	51.48 1.69 0.00	45.50 1.83 -0.01
ASTORIA_GT4_1 24102	36.95 1.93 0.00	31.67 1.79 0.00	28.96 1.54 0.00	26.95 1.38 0.00	26.65 1.44 0.00	27.10 1.39 0.00	27.42 1.60 0.00	27.84 1.60 0.00	27.87 1.50 0.00	28.06 1.69 0.00	29.70 1.73 0.00	31.94 2.03 0.00	32.96 2.21 0.00	36.42 2.41 0.00	39.77 2.71 0.00	44.92 2.98 0.00	52.76 2.61 0.00	65.49 2.28 0.00	76.65 2.30 0.00	78.87 2.15 0.00	70.53 1.79 0.00	58.44 1.37 0.00	51.48 1.69 0.00	45.50 1.83 -0.01
ASTORIA_GT4_2 24103	36.95 1.93 0.00	31.67 1.79 0.00	28.96 1.54 0.00	26.95 1.38 0.00	26.65 1.44 0.00	27.10 1.39 0.00	27.42 1.60 0.00	27.84 1.60 0.00	27.87 1.50 0.00	28.06 1.69 0.00	29.70 1.73 0.00	31.94 2.03 0.00	32.96 2.21 0.00	36.42 2.41 0.00	39.77 2.71 0.00	44.92 2.98 0.00	52.76 2.61 0.00	65.49 2.28 0.00	76.65 2.30 0.00	78.87 2.15 0.00	70.53 1.79 0.00	58.44 1.37 0.00	51.48 1.69 0.00	45.50 1.83 -0.01
ASTORIA_GT4_3 24104	36.95 1.93 0.00	31.67 1.79 0.00	28.96 1.54 0.00	26.95 1.38 0.00	26.65 1.44 0.00	27.10 1.39 0.00	27.42 1.60 0.00	27.84 1.60 0.00	27.87 1.50 0.00	28.06 1.69 0.00	29.70 1.73 0.00	31.94 2.03 0.00	32.96 2.21 0.00	36.42 2.41 0.00	39.77 2.71 0.00	44.92 2.98 0.00	52.76 2.61 0.00	65.49 2.28 0.00	76.65 2.30 0.00	78.87 2.15 0.00	70.53 1.79 0.00	58.44 1.37 0.00	51.48 1.69 0.00	45.50 1.83 -0.01

ASTORIA_GT4_4 24105	36.95 1.93 0.00	31.67 1.79 0.00	28.96 1.54 0.00	26.95 1.38 0.00	26.65 1.44 0.00	27.10 1.39 0.00	27.42 1.60 0.00	27.84 1.60 0.00	27.87 1.50 0.00	28.06 1.69 0.00	29.70 1.73 0.00	31.94 2.03 0.00	32.96 2.21 0.00	36.42 2.41 0.00	39.77 2.71 0.00	44.92 2.98 0.00	52.76 2.61 0.00	65.49 2.28 0.00	76.65 2.30 0.00	78.87 2.15 0.00	70.53 1.79 0.00	58.44 1.37 0.00	51.48 1.69 0.00	45.50 1.83 -0.01
ASTORIA_GT_1 23523	36.99 1.96 0.00	31.70 1.82 0.00	28.99 1.56 0.00	27.00 1.43 0.00	26.70 1.49 0.00	27.13 1.41 0.00	27.47 1.65 0.00	27.89 1.65 0.00	27.92 1.56 0.00	28.11 1.74 0.00	29.72 1.76 0.00	32.00 2.09 0.00	33.02 2.28 0.00	36.49 2.48 0.00	39.85 2.78 0.00	45.01 3.06 0.00	52.91 2.76 0.00	65.62 2.40 0.00	76.80 2.45 0.00	79.10 2.38 0.00	70.67 1.92 0.00	58.55 1.48 0.00	51.58 1.79 0.00	45.59 1.92 -0.01
ASTORIA_GT_10 24110	36.95 1.93 0.00	31.73 1.85 0.00	28.99 1.56 0.00	27.00 1.43 0.00	26.70 1.49 0.00	27.13 1.41 0.00	27.44 1.63 0.00	27.87 1.63 0.00	27.87 1.50 0.00	28.03 1.66 0.00	29.67 1.71 0.00	31.91 2.00 0.00	32.90 2.15 0.00	36.39 2.38 0.00	39.63 2.56 0.00	44.71 2.77 0.00	52.61 2.46 0.00	65.30 2.09 0.00	76.50 2.16 0.00	78.72 1.99 0.00	70.33 1.58 0.00	58.26 1.20 0.00	51.28 1.49 0.00	45.28 1.62 0.00
ASTORIA_GT_11 24225	36.95 1.93 0.00	31.73 1.85 0.00	28.99 1.56 0.00	27.00 1.43 0.00	26.70 1.49 0.00	27.13 1.41 0.00	27.44 1.63 0.00	27.87 1.63 0.00	27.87 1.50 0.00	28.03 1.66 0.00	29.67 1.71 0.00	31.91 2.00 0.00	32.90 2.15 0.00	36.39 2.38 0.00	39.63 2.56 0.00	44.71 2.77 0.00	52.61 2.46 0.00	65.30 2.09 0.00	76.50 2.16 0.00	78.72 1.99 0.00	70.33 1.58 0.00	58.26 1.20 0.00	51.28 1.49 0.00	45.28 1.62 0.00
ASTORIA_GT_12 24226	36.95 1.93 0.00	31.73 1.85 0.00	28.99 1.56 0.00	27.00 1.43 0.00	26.70 1.49 0.00	27.13 1.41 0.00	27.44 1.63 0.00	27.87 1.63 0.00	27.87 1.50 0.00	28.03 1.66 0.00	29.67 1.71 0.00	31.91 2.00 0.00	32.90 2.15 0.00	36.39 2.38 0.00	39.63 2.56 0.00	44.71 2.77 0.00	52.61 2.46 0.00	65.30 2.09 0.00	76.50 2.16 0.00	78.72 1.99 0.00	70.33 1.58 0.00	58.26 1.20 0.00	51.28 1.49 0.00	45.28 1.62 0.00
ASTORIA_GT_13 24227	36.95 1.93 0.00	31.73 1.85 0.00	28.99 1.56 0.00	27.00 1.43 0.00	26.70 1.49 0.00	27.13 1.41 0.00	27.44 1.63 0.00	27.87 1.63 0.00	27.87 1.50 0.00	28.03 1.66 0.00	29.67 1.71 0.00	31.91 2.00 0.00	32.90 2.15 0.00	36.39 2.38 0.00	39.63 2.56 0.00	44.71 2.77 0.00	52.61 2.46 0.00	65.30 2.09 0.00	76.50 2.16 0.00	78.72 1.99 0.00	70.33 1.58 0.00	58.26 1.20 0.00	51.28 1.49 0.00	45.28 1.62 0.00
ASTORIA_GT_5 24106	36.99 1.96 0.00	31.70 1.82 0.00	28.99 1.56 0.00	27.00 1.43 0.00	26.70 1.49 0.00	27.13 1.41 0.00	27.47 1.65 0.00	27.89 1.65 0.00	27.92 1.56 0.00	28.11 1.74 0.00	29.72 1.76 0.00	32.00 2.09 0.00	33.02 2.28 0.00	36.49 2.48 0.00	39.85 2.78 0.00	45.01 3.06 0.00	52.91 2.76 0.00	65.62 2.40 0.00	76.80 2.45 0.00	79.10 2.38 0.00	70.67 1.92 0.00	58.55 1.48 0.00	51.58 1.79 0.00	45.59 1.92 -0.01
ASTORIA_GT_7 24107	36.99 1.96 0.00	31.70 1.82 0.00	28.99 1.56 0.00	27.00 1.43 0.00	26.70 1.49 0.00	27.13 1.41 0.00	27.47 1.65 0.00	27.89 1.65 0.00	27.92 1.56 0.00	28.11 1.74 0.00	29.72 1.76 0.00	32.00 2.09 0.00	33.02 2.28 0.00	36.49 2.48 0.00	39.85 2.78 0.00	45.01 3.06 0.00	52.91 2.76 0.00	65.62 2.40 0.00	76.80 2.45 0.00	79.10 2.38 0.00	70.67 1.92 0.00	58.55 1.48 0.00	51.58 1.79 0.00	45.59 1.92 -0.01
ASTORIA_GT_8 24108	36.99 1.96 0.00	31.70 1.82 0.00	28.99 1.56 0.00	27.00 1.43 0.00	26.70 1.49 0.00	27.13 1.41 0.00	27.47 1.65 0.00	27.89 1.65 0.00	27.92 1.56 0.00	28.11 1.74 0.00	29.72 1.76 0.00	32.00 2.09 0.00	33.02 2.28 0.00	36.49 2.48 0.00	39.85 2.78 0.00	45.01 3.06 0.00	52.91 2.76 0.00	65.62 2.40 0.00	76.80 2.45 0.00	79.10 2.38 0.00	70.67 1.92 0.00	58.55 1.48 0.00	51.58 1.79 0.00	45.59 1.92 -0.01
ASTORIA___2 24149	36.96 1.93 -0.01	31.68 1.79 -0.01	28.99 1.56 -0.01	26.95 1.38 -0.01	26.66 1.44 -0.01	27.10 1.39 0.00	27.42 1.60 0.00	27.84 1.60 0.00	27.84 1.48 0.00	28.02 1.64 -0.01	29.70 1.73 -0.01	31.95 2.03 -0.01	32.97 2.21 -0.01	36.43 2.41 -0.01	39.78 2.70 -0.01	44.85 2.89 -0.01	52.76 2.61 0.00	65.48 2.27 0.01	76.34 2.01 0.01	78.25 1.53 0.01	70.25 1.51 0.01	58.09 1.03 0.01	51.52 1.74 0.00	45.37 1.70 -0.01
ASTORIA___3 23516	36.96 1.93 -0.01	31.74 1.85 -0.01	29.05 1.62 -0.01	27.00 1.43 -0.01	26.71 1.49 -0.01	27.13 1.41 0.00	27.44 1.63 0.00	27.87 1.63 0.00	27.84 1.48 0.00	27.99 1.61 -0.01	29.68 1.71 -0.01	31.92 2.00 -0.01	32.91 2.15 -0.01	36.39 2.38 -0.01	39.63 2.56 -0.01	44.64 2.69 -0.01	52.61 2.46 0.00	65.29 2.08 0.01	76.19 1.86 0.01	78.02 1.30 0.01	70.04 1.30 0.01	58.03 0.97 0.01	51.28 1.49 0.00	45.19 1.53 0.00
ASTORIA___4 23517	36.95 1.93 0.00	31.73 1.85 0.00	28.99 1.56 0.00	27.00 1.43 0.00	26.70 1.49 0.00	27.13 1.41 0.00	27.44 1.63 0.00	27.87 1.63 0.00	27.87 1.50 0.00	28.03 1.66 0.00	29.67 1.71 0.00	31.91 2.00 0.00	32.90 2.15 0.00	36.39 2.38 0.00	39.63 2.56 0.00	44.71 2.77 0.00	52.61 2.46 0.00	65.30 2.09 0.00	76.50 2.16 0.00	78.72 1.99 0.00	70.33 1.58 0.00	58.26 1.20 0.00	51.28 1.49 0.00	45.28 1.62 0.00
ASTORIA___5 23518	36.96 1.93 -0.01	31.74 1.85 -0.01	29.05 1.62 -0.01	27.00 1.43 -0.01	26.71 1.49 -0.01	27.13 1.41 0.00	27.44 1.63 0.00	27.87 1.63 0.00	27.84 1.48 0.00	27.99 1.61 -0.01	29.68 1.71 -0.01	31.92 2.00 -0.01	32.91 2.15 -0.01	36.39 2.38 -0.01	39.63 2.56 -0.01	44.64 2.69 -0.01	52.61 2.46 0.00	65.29 2.08 0.01	76.19 1.86 0.01	78.02 1.30 0.01	70.04 1.30 0.01	58.03 0.97 0.01	51.28 1.49 0.00	45.19 1.53 0.00
AST_ENERGY_2_CC3 323677	32.30 1.72 4.44	31.55 1.67 0.00	28.88 1.45 0.00	26.84 1.28 0.00	26.55 1.34 0.00	27.00 1.29 0.00	27.31 1.50 0.00	27.76 1.52 0.00	27.76 1.40 0.00	27.82 1.45 0.00	29.47 1.51 0.00	31.70 1.79 0.00	32.72 1.97 0.00	33.54 2.14 2.61	33.54 2.34 5.87	33.54 2.43 10.84	33.54 2.46 19.07	43.09 2.40 22.53	59.43 2.16 17.07	61.35 1.69 17.06	49.48 1.58 20.85	37.41 1.25 20.91	40.20 1.34 10.93	33.54 1.22 11.34
AST_ENERGY_2_CC4 323678	32.30 1.72 4.44	31.55 1.67 0.00	28.88 1.45 0.00	26.84 1.28 0.00	26.55 1.34 0.00	27.00 1.29 0.00	27.31 1.50 0.00	27.76 1.52 0.00	27.76 1.40 0.00	27.82 1.45 0.00	29.47 1.51 0.00	31.70 1.79 0.00	32.72 1.97 0.00	33.54 2.14 2.61	33.54 2.34 5.87	33.54 2.43 10.84	33.54 2.46 19.07	43.09 2.40 22.53	59.43 2.16 17.07	61.35 1.69 17.06	49.48 1.58 20.85	37.41 1.25 20.91	40.20 1.34 10.93	33.54 1.22 11.34

ATHENS_STG_1 23668	35.80 0.77 0.00	30.71 0.84 0.00	28.19 0.77 0.00	26.28 0.71 0.00	25.95 0.73 0.00	26.43 0.72 0.00	26.64 0.83 0.00	27.05 0.81 0.00	26.97 0.61 0.00	26.93 0.55 0.00	28.55 0.59 0.00	30.56 0.66 0.00	31.48 0.74 0.00	34.79 0.78 0.00	37.92 0.85 0.00	42.83 0.88 0.00	51.05 0.90 0.00	64.17 0.95 0.00	75.09 0.74 0.00	77.19 0.46 0.00	69.36 0.62 0.00	57.64 0.57 0.00	50.33 0.55 0.00	44.10 0.44 0.00
ATHENS_STG_2 23670	35.80 0.77 0.00	30.71 0.84 0.00	28.19 0.77 0.00	26.28 0.71 0.00	25.95 0.73 0.00	26.43 0.72 0.00	26.64 0.83 0.00	27.05 0.81 0.00	26.97 0.61 0.00	26.93 0.55 0.00	28.55 0.59 0.00	30.56 0.66 0.00	31.48 0.74 0.00	34.79 0.78 0.00	37.92 0.85 0.00	42.83 0.88 0.00	51.05 0.90 0.00	64.17 0.95 0.00	75.09 0.74 0.00	77.19 0.46 0.00	69.36 0.62 0.00	57.64 0.57 0.00	50.33 0.55 0.00	44.10 0.44 0.00
ATHENS_STG_3 23677	35.80 0.77 0.00	30.71 0.84 0.00	28.19 0.77 0.00	26.28 0.71 0.00	25.95 0.73 0.00	26.43 0.72 0.00	26.64 0.83 0.00	27.05 0.81 0.00	26.97 0.61 0.00	26.93 0.55 0.00	28.55 0.59 0.00	30.56 0.66 0.00	31.48 0.74 0.00	34.79 0.78 0.00	37.92 0.85 0.00	42.83 0.88 0.00	51.05 0.90 0.00	64.17 0.95 0.00	75.09 0.74 0.00	77.19 0.46 0.00	69.36 0.62 0.00	57.64 0.57 0.00	50.33 0.55 0.00	44.10 0.44 0.00
AUBURN___LFGE 323710	35.31 0.28 0.00	30.18 0.30 0.00	27.75 0.33 0.00	25.87 0.31 0.00	25.42 0.20 0.00	26.00 0.28 0.00	26.00 0.18 0.00	26.16 -0.08 0.00	26.10 -0.26 0.00	26.11 -0.26 0.00	27.82 -0.14 0.00	29.75 -0.15 0.00	30.62 -0.12 0.00	33.97 -0.03 0.00	37.11 0.04 0.00	42.07 0.13 0.00	50.65 0.50 0.00	63.98 0.76 0.00	75.53 1.19 0.00	78.26 1.53 0.00	69.91 1.17 0.00	57.69 0.63 0.00	50.28 0.50 0.00	44.05 0.39 0.00
BABYLON_RES_REC 323704	37.70 2.66 -0.01	32.15 2.27 0.00	29.42 2.00 0.00	27.18 1.61 0.00	26.83 1.62 0.00	27.23 1.52 0.00	27.36 1.55 0.00	27.94 1.70 0.00	27.76 1.40 0.00	28.19 1.82 0.00	30.09 2.12 -0.01	32.74 2.42 -0.42	35.98 2.58 -2.65	43.72 2.79 -6.93	44.60 3.04 -4.49	46.30 3.36 -0.99	52.47 2.31 -0.01	65.06 1.83 -0.01	75.53 1.19 0.00	76.80 0.08 0.00	68.88 0.14 0.00	57.52 0.45 0.00	49.63 -0.15 0.00	45.19 1.53 0.00
BALL_HILL_WT_PWR 323825	35.13 0.11 0.00	30.39 0.51 0.00	28.08 0.66 0.00	26.00 0.43 0.00	25.44 0.23 0.00	26.05 0.33 0.00	25.74 -0.08 0.00	25.35 -0.89 0.00	25.26 -1.11 0.00	25.40 -0.98 0.00	27.21 -0.75 0.00	29.48 -0.42 0.00	30.47 -0.28 0.00	33.80 -0.20 0.00	36.85 -0.22 0.00	41.70 -0.25 0.00	51.10 0.95 0.00	64.10 0.88 0.00	75.61 1.26 0.00	77.65 0.92 0.00	68.95 0.21 0.00	56.73 -0.34 0.00	49.73 -0.05 0.00	43.92 0.26 0.00
BARON_WINDS___WT_PWR 323822	35.31 0.28 0.00	30.39 0.51 0.00	28.00 0.58 0.00	26.03 0.46 0.00	25.49 0.28 0.00	26.10 0.39 0.00	25.92 0.10 0.00	25.61 -0.63 0.00	25.42 -0.95 0.00	25.48 -0.90 0.00	27.18 -0.78 0.00	29.31 -0.60 0.00	30.25 -0.49 0.00	33.56 -0.44 0.00	36.63 -0.44 0.00	41.53 -0.42 0.00	50.50 0.35 0.00	63.60 0.38 0.00	75.46 1.12 0.00	78.11 1.38 0.00	69.64 0.89 0.00	57.41 0.34 0.00	50.13 0.35 0.00	44.10 0.44 0.00
BARRETT_IC_1 23704	37.35 2.31 -0.01	31.91 2.03 0.00	29.20 1.78 0.00	27.00 1.43 0.00	26.65 1.44 0.00	27.08 1.36 0.00	27.26 1.44 0.00	27.79 1.55 0.00	27.66 1.29 0.00	28.01 1.64 0.00	29.81 1.85 -0.01	32.42 2.09 -0.42	35.64 2.24 -2.65	43.31 2.38 -6.93	44.15 2.59 -4.49	45.75 2.81 -0.99	52.52 2.36 -0.01	65.44 2.21 -0.01	75.98 1.63 0.00	77.42 0.69 0.00	69.36 0.62 0.00	57.69 0.63 0.00	50.13 0.35 0.00	44.93 1.27 0.00
BARRETT_IC_10 23701	37.35 2.31 -0.01	31.91 2.03 0.00	29.20 1.78 0.00	27.00 1.43 0.00	26.65 1.44 0.00	27.08 1.36 0.00	27.26 1.44 0.00	27.79 1.55 0.00	27.66 1.29 0.00	28.01 1.64 0.00	29.81 1.85 -0.01	32.42 2.09 -0.42	35.64 2.24 -2.65	43.31 2.38 -6.93	44.15 2.59 -4.49	45.75 2.81 -0.99	52.52 2.36 -0.01	65.44 2.21 -0.01	75.98 1.63 0.00	77.42 0.69 0.00	69.36 0.62 0.00	57.69 0.63 0.00	50.13 0.35 0.00	44.93 1.27 0.00
BARRETT_IC_11 23702	37.35 2.31 -0.01	31.91 2.03 0.00	29.20 1.78 0.00	27.00 1.43 0.00	26.65 1.44 0.00	27.08 1.36 0.00	27.26 1.44 0.00	27.79 1.55 0.00	27.66 1.29 0.00	28.01 1.64 0.00	29.81 1.85 -0.01	32.42 2.09 -0.42	35.64 2.24 -2.65	43.31 2.38 -6.93	44.15 2.59 -4.49	45.75 2.81 -0.99	52.52 2.36 -0.01	65.44 2.21 -0.01	75.98 1.63 0.00	77.42 0.69 0.00	69.36 0.62 0.00	57.69 0.63 0.00	50.13 0.35 0.00	44.93 1.27 0.00
BARRETT_IC_12 23703	37.35 2.31 -0.01	31.91 2.03 0.00	29.20 1.78 0.00	27.00 1.43 0.00	26.65 1.44 0.00	27.08 1.36 0.00	27.26 1.44 0.00	27.79 1.55 0.00	27.66 1.29 0.00	28.01 1.64 0.00	29.81 1.85 -0.01	32.42 2.09 -0.42	35.64 2.24 -2.65	43.31 2.38 -6.93	44.15 2.59 -4.49	45.75 2.81 -0.99	52.52 2.36 -0.01	65.44 2.21 -0.01	75.98 1.63 0.00	77.42 0.69 0.00	69.36 0.62 0.00	57.69 0.63 0.00	50.13 0.35 0.00	44.93 1.27 0.00
BARRETT_IC_2 23705	37.35 2.31 -0.01	31.91 2.03 0.00	29.20 1.78 0.00	27.00 1.43 0.00	26.65 1.44 0.00	27.08 1.36 0.00	27.26 1.44 0.00	27.79 1.55 0.00	27.66 1.29 0.00	28.01 1.64 0.00	29.81 1.85 -0.01	32.42 2.09 -0.42	35.64 2.24 -2.65	43.31 2.38 -6.93	44.15 2.59 -4.49	45.75 2.81 -0.99	52.52 2.36 -0.01	65.44 2.21 -0.01	75.98 1.63 0.00	77.42 0.69 0.00	69.36 0.62 0.00	57.69 0.63 0.00	50.13 0.35 0.00	44.93 1.27 0.00
BARRETT_IC_3 23706	37.35 2.31 -0.01	31.91 2.03 0.00	29.20 1.78 0.00	27.00 1.43 0.00	26.65 1.44 0.00	27.08 1.36 0.00	27.26 1.44 0.00	27.79 1.55 0.00	27.66 1.29 0.00	28.01 1.64 0.00	29.81 1.85 -0.01	32.42 2.09 -0.42	35.64 2.24 -2.65	43.31 2.38 -6.93	44.15 2.59 -4.49	45.75 2.81 -0.99	52.52 2.36 -0.01	65.44 2.21 -0.01	75.98 1.63 0.00	77.42 0.69 0.00	69.36 0.62 0.00	57.69 0.63 0.00	50.13 0.35 0.00	44.93 1.27 0.00
BARRETT_IC_4 23707	37.35 2.31 -0.01	31.91 2.03 0.00	29.20 1.78 0.00	27.00 1.43 0.00	26.65 1.44 0.00	27.08 1.36 0.00	27.26 1.44 0.00	27.79 1.55 0.00	27.66 1.29 0.00	28.01 1.64 0.00	29.81 1.85 -0.01	32.42 2.09 -0.42	35.64 2.24 -2.65	43.31 2.38 -6.93	44.15 2.59 -4.49	45.75 2.81 -0.99	52.52 2.36 -0.01	65.44 2.21 -0.01	75.98 1.63 0.00	77.42 0.69 0.00	69.36 0.62 0.00	57.69 0.63 0.00	50.13 0.35 0.00	44.93 1.27 0.00
BARRETT_IC_5 23708	37.35 2.31 -0.01	31.91 2.03 0.00	29.20 1.78 0.00	27.00 1.43 0.00	26.65 1.44 0.00	27.08 1.36 0.00	27.26 1.44 0.00	27.79 1.55 0.00	27.66 1.29 0.00	28.01 1.64 0.00	29.81 1.85 -0.01	32.42 2.09 -0.42	35.64 2.24 -2.65	43.31 2.38 -6.93	44.15 2.59 -4.49	45.75 2.81 -0.99	52.52 2.36 -0.01	65.44 2.21 -0.01	75.98 1.63 0.00	77.42 0.69 0.00	69.36 0.62 0.00	57.69 0.63 0.00	50.13 0.35 0.00	44.93 1.27 0.00

BARRETT_IC_6 23709	37.35 2.31 -0.01	31.91 2.03 0.00	29.20 1.78 0.00	27.00 1.43 0.00	26.65 1.44 0.00	27.08 1.36 0.00	27.26 1.44 0.00	27.79 1.55 0.00	27.66 1.29 0.00	28.01 1.64 0.00	29.81 1.85 -0.01	32.42 2.09 -0.42	35.64 2.24 -2.65	43.31 2.38 -6.93	44.15 2.59 -4.49	45.75 2.81 -0.99	52.52 2.36 -0.01	65.44 2.21 -0.01	75.98 1.63 0.00	77.42 0.69 0.00	69.36 0.62 0.00	57.69 0.63 0.00	50.13 0.35 0.00	44.93 1.27 0.00
BARRETT_IC_7 23710	37.34 2.31 0.00	31.88 2.00 0.00	29.12 1.70 0.00	27.00 1.43 0.00	26.65 1.44 0.00	27.08 1.36 0.00	27.26 1.45 0.00	27.79 1.55 0.00	27.68 1.32 0.00	28.03 1.66 0.00	29.81 1.85 0.00	32.42 2.09 -0.42	35.64 2.24 -2.65	43.32 2.38 -6.93	44.15 2.59 -4.49	45.71 2.77 -0.99	53.06 2.91 0.00	66.38 3.16 0.00	77.47 3.12 0.00	79.41 2.69 0.00	70.81 2.06 0.00	58.84 1.77 0.00	51.13 1.34 0.00	45.36 1.70 0.00
BARRETT_IC_8 23711	37.35 2.31 -0.01	31.91 2.03 0.00	29.20 1.78 0.00	27.00 1.43 0.00	26.65 1.44 0.00	27.08 1.36 0.00	27.26 1.44 0.00	27.79 1.55 0.00	27.66 1.29 0.00	28.01 1.64 0.00	29.81 1.85 -0.01	32.42 2.09 -0.42	35.64 2.24 -2.65	43.31 2.38 -6.93	44.15 2.59 -4.49	45.75 2.81 -0.99	52.52 2.36 -0.01	65.44 2.21 -0.01	75.98 1.63 0.00	77.42 0.69 0.00	69.36 0.62 0.00	57.69 0.63 0.00	50.13 0.35 0.00	44.93 1.27 0.00
BARRETT_IC_9 23700	37.35 2.31 -0.01	31.91 2.03 0.00	29.20 1.78 0.00	27.00 1.43 0.00	26.65 1.44 0.00	27.08 1.36 0.00	27.26 1.44 0.00	27.79 1.55 0.00	27.66 1.29 0.00	28.01 1.64 0.00	29.81 1.85 -0.01	32.42 2.09 -0.42	35.64 2.24 -2.65	43.31 2.38 -6.93	44.15 2.59 -4.49	45.75 2.81 -0.99	52.52 2.36 -0.01	65.44 2.21 -0.01	75.98 1.63 0.00	77.42 0.69 0.00	69.36 0.62 0.00	57.69 0.63 0.00	50.13 0.35 0.00	44.93 1.27 0.00
BARRETT___1 23545	37.35 2.31 -0.01	31.91 2.03 0.00	29.20 1.78 0.00	27.00 1.43 0.00	26.65 1.44 0.00	27.08 1.36 0.00	27.26 1.44 0.00	27.79 1.55 0.00	27.66 1.29 0.00	28.01 1.64 0.00	29.81 1.85 -0.01	32.42 2.09 -0.42	35.64 2.24 -2.65	43.31 2.38 -6.93	44.15 2.59 -4.49	45.75 2.81 -0.99	52.52 2.36 -0.01	65.44 2.21 -0.01	75.98 1.63 0.00	77.42 0.69 0.00	69.36 0.62 0.00	57.69 0.63 0.00	50.13 0.35 0.00	44.93 1.27 0.00
BARRETT___2 23546	37.35 2.31 -0.01	31.91 2.03 0.00	29.20 1.78 0.00	27.00 1.43 0.00	26.65 1.44 0.00	27.08 1.36 0.00	27.26 1.44 0.00	27.79 1.55 0.00	27.66 1.29 0.00	28.01 1.64 0.00	29.81 1.85 -0.01	32.42 2.09 -0.42	35.64 2.24 -2.65	43.31 2.38 -6.93	44.15 2.59 -4.49	45.75 2.81 -0.99	52.52 2.36 -0.01	65.44 2.21 -0.01	75.98 1.63 0.00	77.42 0.69 0.00	69.36 0.62 0.00	57.69 0.63 0.00	50.13 0.35 0.00	44.93 1.27 0.00
BATAVIA__115KV_TB1 55881	35.69 0.67 0.00	30.92 1.05 0.00	28.52 1.10 0.00	26.41 0.84 0.00	25.95 0.73 0.00	26.51 0.80 0.00	26.20 0.39 0.00	25.69 -0.55 0.00	25.44 -0.92 0.00	25.29 -1.08 0.00	27.49 -0.48 0.00	29.72 -0.18 0.00	30.68 -0.06 0.00	34.11 0.10 0.00	37.29 0.22 0.00	42.16 0.21 0.00	51.55 1.40 0.00	65.18 1.96 0.00	76.43 2.08 0.00	78.95 2.23 0.00	70.12 1.37 0.00	57.41 0.34 0.00	50.48 0.70 0.00	45.06 1.40 0.00
BAYONEEC___CTG1 323682	36.78 1.75 0.00	31.55 1.67 0.00	28.88 1.45 0.00	26.84 1.28 0.00	26.55 1.34 0.00	27.00 1.29 0.00	27.34 1.52 0.00	27.79 1.55 0.00	27.79 1.42 0.00	27.87 1.50 0.00	29.53 1.56 0.00	31.76 1.85 0.00	32.74 2.00 0.00	36.22 2.21 0.00	39.44 2.37 0.00	44.46 2.52 0.00	52.71 2.56 0.00	65.68 2.46 0.00	76.57 2.23 0.00	78.49 1.77 0.00	70.39 1.65 0.00	58.32 1.25 0.00	51.17 1.39 0.00	44.93 1.27 0.00
BAYONEEC___CTG10 323750	36.78 1.75 0.00	31.55 1.67 0.00	28.88 1.45 0.00	26.84 1.28 0.00	26.55 1.34 0.00	27.00 1.29 0.00	27.34 1.52 0.00	27.79 1.55 0.00	27.79 1.42 0.00	27.87 1.50 0.00	29.53 1.56 0.00	31.76 1.85 0.00	32.74 2.00 0.00	36.22 2.21 0.00	39.44 2.37 0.00	44.46 2.52 0.00	52.71 2.56 0.00	65.68 2.46 0.00	76.57 2.23 0.00	78.49 1.77 0.00	70.39 1.65 0.00	58.32 1.25 0.00	51.17 1.39 0.00	44.93 1.27 0.00
BAYONEEC___CTG2 323683	36.78 1.75 0.00	31.55 1.67 0.00	28.88 1.45 0.00	26.84 1.28 0.00	26.55 1.34 0.00	27.00 1.29 0.00	27.34 1.52 0.00	27.79 1.55 0.00	27.79 1.42 0.00	27.87 1.50 0.00	29.53 1.56 0.00	31.76 1.85 0.00	32.74 2.00 0.00	36.22 2.21 0.00	39.44 2.37 0.00	44.46 2.52 0.00	52.71 2.56 0.00	65.68 2.46 0.00	76.57 2.23 0.00	78.49 1.77 0.00	70.39 1.65 0.00	58.32 1.25 0.00	51.17 1.39 0.00	44.93 1.27 0.00
BAYONEEC___CTG3 323684	36.78 1.75 0.00	31.55 1.67 0.00	28.88 1.45 0.00	26.84 1.28 0.00	26.55 1.34 0.00	27.00 1.29 0.00	27.34 1.52 0.00	27.79 1.55 0.00	27.79 1.42 0.00	27.87 1.50 0.00	29.53 1.56 0.00	31.76 1.85 0.00	32.74 2.00 0.00	36.22 2.21 0.00	39.44 2.37 0.00	44.46 2.52 0.00	52.71 2.56 0.00	65.68 2.46 0.00	76.57 2.23 0.00	78.49 1.77 0.00	70.39 1.65 0.00	58.32 1.25 0.00	51.17 1.39 0.00	44.93 1.27 0.00
BAYONEEC___CTG4 323685	36.78 1.75 0.00	31.55 1.67 0.00	28.88 1.45 0.00	26.84 1.28 0.00	26.55 1.34 0.00	27.00 1.29 0.00	27.34 1.52 0.00	27.79 1.55 0.00	27.79 1.42 0.00	27.87 1.50 0.00	29.53 1.56 0.00	31.76 1.85 0.00	32.74 2.00 0.00	36.22 2.21 0.00	39.44 2.37 0.00	44.46 2.52 0.00	52.71 2.56 0.00	65.68 2.46 0.00	76.57 2.23 0.00	78.49 1.77 0.00	70.39 1.65 0.00	58.32 1.25 0.00	51.17 1.39 0.00	44.93 1.27 0.00
BAYONEEC___CTG5 323686	36.78 1.75 0.00	31.55 1.67 0.00	28.88 1.45 0.00	26.84 1.28 0.00	26.55 1.34 0.00	27.00 1.29 0.00	27.34 1.52 0.00	27.79 1.55 0.00	27.79 1.42 0.00	27.87 1.50 0.00	29.53 1.56 0.00	31.76 1.85 0.00	32.74 2.00 0.00	36.22 2.21 0.00	39.44 2.37 0.00	44.46 2.52 0.00	52.71 2.56 0.00	65.68 2.46 0.00	76.57 2.23 0.00	78.49 1.77 0.00	70.39 1.65 0.00	58.32 1.25 0.00	51.17 1.39 0.00	44.93 1.27 0.00
BAYONEEC___CTG6 323687	36.78 1.75 0.00	31.55 1.67 0.00	28.88 1.45 0.00	26.84 1.28 0.00	26.55 1.34 0.00	27.00 1.29 0.00	27.34 1.52 0.00	27.79 1.55 0.00	27.79 1.42 0.00	27.87 1.50 0.00	29.53 1.56 0.00	31.76 1.85 0.00	32.74 2.00 0.00	36.22 2.21 0.00	39.44 2.37 0.00	44.46 2.52 0.00	52.71 2.56 0.00	65.68 2.46 0.00	76.57 2.23 0.00	78.49 1.77 0.00	70.39 1.65 0.00	58.32 1.25 0.00	51.17 1.39 0.00	44.93 1.27 0.00
BAYONEEC___CTG7 323688	36.78 1.75 0.00	31.55 1.67 0.00	28.88 1.45 0.00	26.84 1.28 0.00	26.55 1.34 0.00	27.00 1.29 0.00	27.34 1.52 0.00	27.79 1.55 0.00	27.79 1.42 0.00	27.87 1.50 0.00	29.53 1.56 0.00	31.76 1.85 0.00	32.74 2.00 0.00	36.22 2.21 0.00	39.44 2.37 0.00	44.46 2.52 0.00	52.71 2.56 0.00	65.68 2.46 0.00	76.57 2.23 0.00	78.49 1.77 0.00	70.39 1.65 0.00	58.32 1.25 0.00	51.17 1.39 0.00	44.93 1.27 0.00

BAYONEEC___CTG8 323689	36.78 1.75 0.00	31.55 1.67 0.00	28.88 1.45 0.00	26.84 1.28 0.00	26.55 1.34 0.00	27.00 1.29 0.00	27.34 1.52 0.00	27.79 1.55 0.00	27.79 1.42 0.00	27.87 1.50 0.00	29.53 1.56 0.00	31.76 1.85 0.00	32.74 2.00 0.00	36.22 2.21 0.00	39.44 2.37 0.00	44.46 2.52 0.00	52.71 2.56 0.00	65.68 2.46 0.00	76.57 2.23 0.00	78.49 1.77 0.00	70.39 1.65 0.00	58.32 1.25 0.00	51.17 1.39 0.00	44.93 1.27 0.00
BAYONEEC___CTG9 323749	36.78 1.75 0.00	31.55 1.67 0.00	28.88 1.45 0.00	26.84 1.28 0.00	26.55 1.34 0.00	27.00 1.29 0.00	27.34 1.52 0.00	27.79 1.55 0.00	27.79 1.42 0.00	27.87 1.50 0.00	29.53 1.56 0.00	31.76 1.85 0.00	32.74 2.00 0.00	36.22 2.21 0.00	39.44 2.37 0.00	44.46 2.52 0.00	52.71 2.56 0.00	65.68 2.46 0.00	76.57 2.23 0.00	78.49 1.77 0.00	70.39 1.65 0.00	58.32 1.25 0.00	51.17 1.39 0.00	44.93 1.27 0.00
BEACON___LESR 323632	35.87 0.84 0.00	30.77 0.90 0.00	28.25 0.82 0.00	26.46 0.89 0.00	26.12 0.91 0.00	26.61 0.90 0.00	26.80 0.98 0.00	27.16 0.92 0.00	26.86 0.50 0.00	26.79 0.42 0.00	28.41 0.45 0.00	30.38 0.48 0.00	31.33 0.58 0.00	34.58 0.58 0.00	37.77 0.70 0.00	42.61 0.67 0.00	51.00 0.85 0.00	64.48 1.26 0.00	75.83 1.49 0.00	78.03 1.30 0.00	70.05 1.30 0.00	58.09 1.03 0.00	50.63 0.85 0.00	44.27 0.61 0.00
BEAVER RIVER___HYD 24048	35.62 0.59 0.00	30.15 0.27 0.00	27.70 0.27 0.00	25.82 0.26 0.00	25.52 0.30 0.00	26.02 0.31 0.00	26.00 0.18 0.00	26.29 0.05 0.00	26.31 -0.05 0.00	26.22 -0.16 0.00	27.68 -0.28 0.00	29.66 -0.24 0.00	30.50 -0.25 0.00	33.80 -0.20 0.00	36.85 -0.22 0.00	41.95 0.00 0.00	50.15 0.00 0.00	63.53 0.32 0.00	75.75 1.41 0.00	79.18 2.45 0.00	70.94 2.20 0.00	61.43 2.11 -2.25	54.71 1.54 -3.38	47.81 1.22 -2.92
BEEBEE_GT_13 23619	35.38 0.35 0.00	30.33 0.45 0.00	27.94 0.52 0.00	25.92 0.36 0.00	25.52 0.30 0.00	26.05 0.33 0.00	25.94 0.13 0.00	25.90 -0.34 0.00	25.78 -0.58 0.00	25.74 -0.63 0.00	27.71 -0.25 0.00	29.81 -0.09 0.00	30.72 -0.03 0.00	34.11 0.10 0.00	37.29 0.22 0.00	42.24 0.29 0.00	51.15 1.00 0.00	64.61 1.39 0.00	75.90 1.56 0.00	78.26 1.53 0.00	69.71 0.96 0.00	57.41 0.34 0.00	50.18 0.40 0.00	44.32 0.65 0.00
BENSHRST_27_KV_BENSHRST_1 355998	37.37 2.35 0.00	32.03 2.15 0.00	29.26 1.84 0.00	27.23 1.66 0.00	26.93 1.71 0.00	27.33 1.62 0.00	27.62 1.81 0.00	28.00 1.76 0.00	28.02 1.66 0.00	28.19 1.82 0.00	29.86 1.90 0.00	32.12 2.21 0.00	33.11 2.37 0.00	36.62 2.62 0.00	39.89 2.82 0.00	45.01 3.06 0.00	52.96 2.81 0.00	65.75 2.53 0.00	77.02 2.68 0.00	79.26 2.53 0.00	70.81 2.06 0.00	58.66 1.60 0.00	51.67 1.89 0.00	45.67 2.01 0.00
BETHLEHEM___GRP 23843	35.34 0.32 0.00	30.39 0.51 0.00	28.08 0.66 0.00	26.15 0.59 0.00	25.82 0.61 0.00	26.31 0.59 0.00	26.51 0.70 0.00	26.87 0.63 0.00	26.60 0.24 0.00	26.56 0.18 0.00	28.10 0.14 0.00	30.02 0.12 0.00	30.93 0.18 0.00	34.14 0.14 0.00	37.25 0.19 0.00	41.95 0.00 0.00	50.15 0.00 0.00	63.28 0.06 0.00	74.42 0.07 0.00	76.80 0.08 0.00	68.75 0.00 0.00	57.12 0.06 0.00	49.83 0.05 0.00	43.57 -0.09 0.00
BETHLEHEM___GS1 323560	35.34 0.31 0.00	30.35 0.48 0.00	27.89 0.47 0.00	26.15 0.59 0.00	25.82 0.60 0.00	26.31 0.59 0.00	26.51 0.70 0.00	26.87 0.63 0.00	26.57 0.21 0.00	26.51 0.13 0.00	28.10 0.14 0.00	30.02 0.12 0.00	30.93 0.19 0.00	34.14 0.14 0.00	37.26 0.19 0.00	41.95 0.00 0.00	50.15 0.00 0.00	63.28 0.06 0.00	74.34 0.00 0.00	76.50 -0.23 0.00	68.75 0.00 0.00	57.07 0.00 0.00	49.73 -0.05 0.00	43.53 -0.13 0.00
BETHLEHEM___GS2 323561	35.34 0.31 0.00	30.35 0.48 0.00	27.89 0.47 0.00	26.15 0.59 0.00	25.82 0.60 0.00	26.31 0.59 0.00	26.51 0.70 0.00	26.87 0.63 0.00	26.57 0.21 0.00	26.51 0.13 0.00	28.10 0.14 0.00	30.02 0.12 0.00	30.93 0.19 0.00	34.14 0.14 0.00	37.26 0.19 0.00	41.95 0.00 0.00	50.15 0.00 0.00	63.28 0.06 0.00	74.34 0.00 0.00	76.50 -0.23 0.00	68.75 0.00 0.00	57.07 0.00 0.00	49.73 -0.05 0.00	43.53 -0.13 0.00
BETHLEHEM___GS3 323562	35.34 0.31 0.00	30.35 0.48 0.00	27.89 0.47 0.00	26.15 0.59 0.00	25.82 0.60 0.00	26.31 0.59 0.00	26.51 0.70 0.00	26.87 0.63 0.00	26.57 0.21 0.00	26.51 0.13 0.00	28.10 0.14 0.00	30.02 0.12 0.00	30.93 0.19 0.00	34.14 0.14 0.00	37.26 0.19 0.00	41.95 0.00 0.00	50.15 0.00 0.00	63.28 0.06 0.00	74.34 0.00 0.00	76.50 -0.23 0.00	68.75 0.00 0.00	57.07 0.00 0.00	49.73 -0.05 0.00	43.53 -0.13 0.00
BETHLEHEM___STEEL 23779	35.10 0.07 0.00	30.36 0.48 0.00	28.03 0.60 0.00	26.00 0.43 0.00	25.44 0.23 0.00	26.05 0.33 0.00	25.74 -0.08 0.00	25.29 -0.94 0.00	25.10 -1.27 0.00	25.00 -1.37 0.00	27.21 -0.75 0.00	29.46 -0.45 0.00	30.44 -0.31 0.00	33.77 -0.24 0.00	36.85 -0.22 0.00	41.65 -0.29 0.00	50.90 0.75 0.00	64.04 0.82 0.00	74.79 0.45 0.00	77.11 0.38 0.00	68.47 -0.27 0.00	56.04 -1.03 0.00	49.53 -0.25 0.00	43.97 0.31 0.00
BETHLHEM_115KV_TB1 79974	35.41 0.39 0.00	30.42 0.54 0.00	28.11 0.69 0.00	26.18 0.61 0.00	25.85 0.63 0.00	26.33 0.62 0.00	26.51 0.70 0.00	26.89 0.66 0.00	26.65 0.29 0.00	26.61 0.24 0.00	28.16 0.20 0.00	30.11 0.21 0.00	30.99 0.25 0.00	34.21 0.20 0.00	37.33 0.26 0.00	42.07 0.13 0.00	50.25 0.10 0.00	63.47 0.25 0.00	74.57 0.22 0.00	76.96 0.23 0.00	68.88 0.14 0.00	57.24 0.17 0.00	49.93 0.15 0.00	43.66 0.00 0.00
BETHPAGE_CC_5 323564	37.63 2.59 -0.01	32.12 2.24 0.00	29.40 1.98 0.00	27.15 1.59 0.00	26.81 1.59 0.00	27.20 1.49 0.00	27.39 1.57 0.00	27.94 1.70 0.00	27.79 1.42 0.00	28.19 1.82 0.00	30.09 2.12 -0.01	32.74 2.42 -0.42	35.83 2.43 -2.65	43.49 2.55 -6.93	44.26 2.70 -4.49	45.92 2.98 -0.99	52.57 2.41 -0.01	65.50 2.27 -0.01	75.98 1.63 0.00	77.34 0.61 0.00	69.36 0.62 0.00	57.69 0.63 0.00	49.83 0.05 0.00	44.79 1.13 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	35.06 0.04 0.00	30.36 0.48 0.00	28.00 0.58 0.00	26.00 0.43 0.00	25.42 0.20 0.00	26.02 0.31 0.00	25.71 -0.10 0.00	25.29 -0.94 0.00	25.10 -1.27 0.00	25.00 -1.37 0.00	27.21 -0.75 0.00	29.48 -0.42 0.00	30.47 -0.28 0.00	33.84 -0.17 0.00	36.88 -0.19 0.00	41.74 -0.21 0.00	51.00 0.85 0.00	64.16 0.95 0.00	74.94 0.59 0.00	77.19 0.46 0.00	68.61 -0.14 0.00	56.10 -0.97 0.00	49.58 -0.20 0.00	43.97 0.31 0.00
BINGHAMTON___COGEN 23790	35.27 0.25 0.00	30.27 0.39 0.00	27.81 0.38 0.00	25.90 0.33 0.00	25.47 0.25 0.00	26.02 0.31 0.00	26.02 0.21 0.00	26.16 -0.08 0.00	26.07 -0.29 0.00	26.08 -0.29 0.00	27.79 -0.17 0.00	29.84 -0.06 0.00	30.75 0.00 0.00	34.04 0.03 0.00	37.14 0.07 0.00	42.11 0.17 0.00	50.65 0.50 0.00	63.85 0.63 0.00	75.24 0.89 0.00	77.88 1.15 0.00	69.50 0.76 0.00	57.35 0.29 0.00	50.08 0.30 0.00	43.92 0.26 0.00

BIXINCNT_115KV_LOAD 355685	34.85 -0.18 0.00	30.21 0.33 0.00	27.83 0.41 0.00	25.85 0.28 0.00	25.27 0.05 0.00	25.87 0.15 0.00	25.58 -0.23 0.00	25.24 -1.00 0.00	25.07 -1.29 0.00	25.00 -1.37 0.00	27.18 -0.78 0.00	29.46 -0.45 0.00	30.44 -0.31 0.00	33.77 -0.24 0.00	36.81 -0.26 0.00	41.65 -0.29 0.00	50.90 0.75 0.00	64.04 0.82 0.00	74.86 0.52 0.00	77.26 0.54 0.00	68.68 -0.07 0.00	56.15 -0.91 0.00	49.53 -0.25 0.00	43.79 0.13 0.00
BLACK RIVER___HYD 24047	36.11 1.09 0.00	30.48 0.60 0.00	28.00 0.58 0.00	26.10 0.54 0.00	25.77 0.55 0.00	26.28 0.56 0.00	26.20 0.39 0.00	26.37 0.13 0.00	26.26 -0.11 0.00	26.11 -0.26 0.00	27.54 -0.42 0.00	29.55 -0.36 0.00	30.41 -0.34 0.00	33.73 -0.27 0.00	36.73 -0.33 0.00	41.90 -0.04 0.00	50.25 0.10 0.00	63.66 0.45 0.00	76.42 2.08 0.00	80.18 3.46 0.00	71.91 3.16 0.00	61.41 2.80 -1.55	54.20 2.09 -2.33	47.25 1.57 -2.02
BLACKRVR_115KV_TB2 79977	36.11 1.09 0.00	30.48 0.60 0.00	28.00 0.58 0.00	26.10 0.54 0.00	25.77 0.55 0.00	26.28 0.57 0.00	26.20 0.39 0.00	26.37 0.13 0.00	26.23 -0.13 0.00	26.08 -0.29 0.00	27.54 -0.42 0.00	29.54 -0.36 0.00	30.41 -0.34 0.00	33.73 -0.27 0.00	36.74 -0.33 0.00	41.90 -0.04 0.00	50.30 0.15 0.00	63.66 0.44 0.00	76.35 2.01 0.00	80.10 3.38 0.00	71.84 3.09 0.00	61.36 2.74 -1.55	54.10 1.99 -2.33	47.20 1.53 -2.02
BLDWN_LI_69_KV_BK4 356085	37.62 2.59 0.00	32.09 2.21 0.00	29.32 1.89 0.00	27.18 1.61 0.00	26.83 1.61 0.00	27.23 1.52 0.00	27.39 1.57 0.00	27.94 1.71 0.00	27.84 1.48 0.00	28.22 1.85 0.00	30.06 2.10 0.00	32.71 2.39 -0.42	35.92 2.52 -2.65	43.69 2.75 -6.93	44.56 3.00 -4.49	46.21 3.27 -0.99	53.71 3.56 0.00	67.26 4.05 0.00	78.28 3.94 0.00	80.26 3.53 0.00	71.50 2.75 0.00	59.52 2.45 0.00	51.58 1.79 0.00	45.67 2.01 0.00
BLISS_WT_PWR 323608	34.89 -0.14 0.00	30.21 0.33 0.00	27.89 0.47 0.00	25.85 0.28 0.00	25.24 0.03 0.00	25.87 0.16 0.00	25.58 -0.23 0.00	25.22 -1.02 0.00	25.20 -1.16 0.00	25.37 -1.00 0.00	27.18 -0.78 0.00	29.46 -0.45 0.00	30.44 -0.31 0.00	33.77 -0.24 0.00	36.81 -0.26 0.00	41.70 -0.25 0.00	51.05 0.90 0.00	64.10 0.88 0.00	75.61 1.26 0.00	77.72 0.99 0.00	68.95 0.21 0.00	56.73 -0.34 0.00	49.73 -0.05 0.00	43.75 0.09 0.00
BLUESTONE___WT_PWR 323821	36.81 1.79 0.00	31.52 1.64 0.00	28.96 1.53 0.00	26.97 1.41 0.00	26.58 1.36 0.00	27.18 1.46 0.00	27.16 1.34 0.00	27.21 0.97 0.00	27.00 0.63 0.00	26.90 0.53 0.00	28.47 0.50 0.00	30.59 0.69 0.00	31.64 0.89 0.00	35.16 1.16 0.00	38.37 1.30 0.00	43.75 1.80 0.00	52.81 2.66 0.00	66.50 3.29 0.00	79.40 5.06 0.00	82.40 5.68 0.00	73.56 4.81 0.00	60.83 3.77 0.00	52.77 2.99 0.00	46.06 2.40 0.00
BLUE_CIRC_CHEM_DRP 24182	35.80 0.77 0.00	30.71 0.84 0.00	28.30 0.88 0.00	26.36 0.79 0.00	26.02 0.81 0.00	26.54 0.82 0.00	26.67 0.85 0.00	26.97 0.73 0.00	26.73 0.37 0.00	26.66 0.29 0.00	28.19 0.22 0.00	30.11 0.21 0.00	30.99 0.25 0.00	34.24 0.24 0.00	37.40 0.33 0.00	42.24 0.29 0.00	50.55 0.40 0.00	63.85 0.63 0.00	75.16 0.82 0.00	77.72 1.00 0.00	69.64 0.89 0.00	57.92 0.86 0.00	50.53 0.75 0.00	44.23 0.57 0.00
BOC_GAS_DRP 24189	35.55 0.53 0.00	30.51 0.63 0.00	28.08 0.66 0.00	26.15 0.59 0.00	25.82 0.61 0.00	26.31 0.59 0.00	26.49 0.67 0.00	26.89 0.66 0.00	26.76 0.40 0.00	26.74 0.37 0.00	28.30 0.34 0.00	30.29 0.39 0.00	31.18 0.43 0.00	34.41 0.41 0.00	37.55 0.48 0.00	42.36 0.42 0.00	50.60 0.45 0.00	63.72 0.51 0.00	74.79 0.45 0.00	77.19 0.46 0.00	69.09 0.34 0.00	57.47 0.40 0.00	50.13 0.35 0.00	43.92 0.26 0.00
BOONVILLE_115KV_TB1 79983	35.76 0.74 0.00	30.45 0.57 0.00	27.94 0.52 0.00	26.05 0.49 0.00	25.72 0.50 0.00	26.25 0.54 0.00	26.28 0.46 0.00	26.58 0.34 0.00	26.55 0.18 0.00	26.48 0.11 0.00	28.02 0.06 0.00	29.99 0.09 0.00	30.90 0.15 0.00	34.24 0.24 0.00	37.33 0.26 0.00	42.45 0.50 0.00	50.85 0.70 0.00	64.16 0.95 0.00	76.20 1.86 0.00	79.18 2.46 0.00	70.88 2.13 0.00	59.74 1.83 -0.84	52.44 1.39 -1.27	45.85 1.09 -1.10
BORALEX_4TH_BRANCH 23824	36.64 1.61 0.00	31.46 1.58 0.00	28.88 1.45 0.00	26.92 1.35 0.00	26.55 1.34 0.00	27.08 1.36 0.00	27.26 1.45 0.00	27.76 1.52 0.00	27.60 1.24 0.00	27.51 1.13 0.00	29.05 1.09 0.00	31.01 1.11 0.00	31.91 1.17 0.00	35.13 1.12 0.00	38.26 1.19 0.00	43.08 1.13 0.00	51.70 1.55 0.00	65.56 2.34 0.00	77.09 2.75 0.00	79.57 2.84 0.00	71.22 2.47 0.00	59.18 2.11 0.00	51.53 1.74 0.00	45.06 1.40 0.00
BOWLINE___1 23526	36.36 1.33 0.00	31.25 1.38 0.00	28.60 1.18 0.00	26.59 1.02 0.00	26.27 1.06 0.00	26.74 1.03 0.00	27.00 1.19 0.00	27.42 1.18 0.00	27.39 1.03 0.00	27.43 1.06 0.00	29.11 1.15 0.00	31.28 1.38 0.00	32.25 1.51 0.00	35.64 1.63 0.00	38.85 1.78 0.00	43.88 1.93 0.00	52.06 1.91 0.00	64.92 1.71 0.00	75.91 1.56 0.00	77.88 1.15 0.00	69.84 1.10 0.00	57.92 0.86 0.00	50.68 0.90 0.00	44.49 0.83 0.00
BOWLINE___2 23595	36.36 1.33 0.00	31.25 1.38 0.00	28.60 1.18 0.00	26.59 1.02 0.00	26.27 1.06 0.00	26.74 1.03 0.00	27.00 1.19 0.00	27.42 1.18 0.00	27.39 1.03 0.00	27.43 1.06 0.00	29.11 1.15 0.00	31.28 1.38 0.00	32.25 1.51 0.00	35.64 1.63 0.00	38.85 1.78 0.00	43.88 1.93 0.00	52.06 1.91 0.00	65.05 1.83 0.00	75.98 1.63 0.00	77.95 1.22 0.00	69.91 1.17 0.00	58.04 0.97 0.00	50.73 0.94 0.00	44.53 0.87 0.00
BRADY___115KV_TB2 356060	35.13 0.11 0.00	29.70 -0.18 0.00	27.26 -0.16 0.00	25.54 -0.03 0.00	25.19 -0.03 0.00	25.69 -0.03 0.00	25.61 -0.21 0.00	26.21 -0.03 0.00	26.71 0.34 0.00	26.72 0.34 0.00	28.27 0.31 0.00	30.23 0.33 0.00	31.02 0.28 0.00	34.35 0.34 0.00	37.37 0.30 0.00	42.49 0.55 0.00	50.50 0.35 0.00	64.10 0.89 0.00	75.09 0.74 0.00	78.34 1.61 0.00	70.46 1.72 0.00	66.92 1.94 -7.91	63.36 1.69 -11.88	55.47 1.53 -10.28
BRANSCOMB___SOLAR 323811	36.50 1.47 0.00	31.25 1.38 0.00	28.71 1.29 0.00	26.74 1.18 0.00	26.38 1.16 0.00	26.90 1.18 0.00	27.08 1.26 0.00	27.34 1.10 0.00	27.08 0.71 0.00	26.90 0.53 0.00	28.41 0.45 0.00	30.35 0.45 0.00	31.27 0.52 0.00	34.55 0.54 0.00	37.77 0.70 0.00	42.70 0.76 0.00	51.25 1.10 0.00	65.05 1.83 0.00	77.02 2.67 0.00	79.64 2.91 0.00	71.63 2.89 0.00	59.46 2.40 0.00	51.78 1.99 0.00	45.19 1.53 0.00
BRDGHMPT_69_KV_BK1 55812	38.77 3.75 0.00	32.93 3.05 0.00	30.08 2.66 0.00	27.82 2.25 0.00	27.41 2.19 0.00	27.80 2.08 0.00	27.88 2.07 0.00	28.52 2.28 0.00	28.42 2.06 0.00	29.06 2.69 0.00	31.18 3.22 0.00	33.97 3.65 -0.42	37.34 3.94 -2.65	45.36 4.42 -6.93	46.45 4.89 -4.49	48.56 5.62 -0.99	56.62 6.47 0.00	70.80 7.59 0.00	82.37 8.03 0.00	84.09 7.37 0.00	74.31 5.57 0.00	61.57 4.51 0.00	52.72 2.94 0.00	46.94 3.27 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	37.93 2.91 0.00	32.33 2.45 0.00	29.53 2.11 0.00	27.33 1.76 0.00	26.98 1.77 0.00	27.36 1.65 0.00	27.49 1.68 0.00	28.10 1.86 0.00	27.92 1.56 0.00	28.40 2.03 0.00	30.31 2.35 0.00	32.98 2.66 -0.42	36.26 2.86 -2.65	44.03 3.09 -6.93	44.89 3.34 -4.49	46.63 3.69 -0.99	54.16 4.01 0.00	67.52 4.30 0.00	78.73 4.39 0.00	80.72 3.99 0.00	71.77 3.02 0.00	59.92 2.85 0.00	51.58 1.79 0.00	45.93 2.27 0.00
BRISTLHL_115KV_TB1 79998	34.68 -0.35 0.00	29.64 -0.24 0.00	27.29 -0.14 0.00	25.44 -0.13 0.00	25.01 -0.20 0.00	25.56 -0.15 0.00	25.58 -0.23 0.00	25.85 -0.39 0.00	25.84 -0.53 0.00	25.85 -0.53 0.00	27.49 -0.48 0.00	29.34 -0.57 0.00	30.13 -0.61 0.00	33.36 -0.65 0.00	36.36 -0.70 0.00	41.19 -0.76 0.00	49.45 -0.70 0.00	62.27 -0.95 0.00	73.45 -0.89 0.00	75.96 -0.77 0.00	67.92 -0.82 0.00	56.21 -0.86 0.00	48.99 -0.80 0.00	43.01 -0.65 0.00
BROOKHAVEN___DRP 24191	37.55 2.52 0.00	31.97 2.09 0.00	29.21 1.78 0.00	27.05 1.48 0.00	26.68 1.46 0.00	27.08 1.36 0.00	27.18 1.37 0.00	27.79 1.55 0.00	27.63 1.27 0.00	28.14 1.77 0.00	30.06 2.10 0.00	32.69 2.36 -0.42	35.98 2.58 -2.65	43.76 2.82 -6.93	44.60 3.04 -4.49	46.38 3.44 -0.99	53.86 3.71 0.00	67.33 4.11 0.00	78.51 4.16 0.00	80.33 3.61 0.00	71.36 2.61 0.00	59.35 2.28 0.00	50.98 1.19 0.00	45.41 1.75 0.00
BROOKLYN_NAVY_YARD 23515	36.74 1.72 0.00	31.52 1.64 0.00	28.85 1.43 0.00	26.79 1.23 0.00	26.53 1.31 0.00	26.97 1.26 0.00	27.31 1.50 0.00	27.76 1.52 0.00	27.79 1.42 0.00	27.85 1.48 0.00	29.47 1.51 0.00	31.70 1.79 0.00	32.72 1.97 0.00	36.15 2.14 0.00	39.41 2.34 0.00	44.38 2.43 0.00	52.66 2.51 0.00	65.68 2.46 0.00	76.50 2.16 0.00	78.41 1.69 0.00	70.33 1.58 0.00	58.27 1.20 0.00	51.17 1.39 0.00	44.88 1.22 0.00
BROOKLYN___ARMY_DRP 323595	37.23 2.21 0.00	31.91 2.03 0.00	29.18 1.76 0.00	27.15 1.59 0.00	26.85 1.64 0.00	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.89 1.53 0.00	28.09 1.71 0.00	29.72 1.76 0.00	32.00 2.09 0.00	32.96 2.21 0.00	36.45 2.45 0.00	39.66 2.59 0.00	44.76 2.81 0.00	52.66 2.51 0.00	65.43 2.21 0.00	76.65 2.30 0.00	78.87 2.15 0.00	70.46 1.72 0.00	58.38 1.31 0.00	51.43 1.64 0.00	45.45 1.79 0.00
BROOME_2_LFGE 323671	35.31 0.28 0.00	30.27 0.39 0.00	27.84 0.41 0.00	25.90 0.33 0.00	25.47 0.25 0.00	26.02 0.31 0.00	26.02 0.21 0.00	26.16 -0.08 0.00	26.10 -0.26 0.00	26.13 -0.24 0.00	27.80 -0.17 0.00	29.81 -0.09 0.00	30.75 0.00 0.00	34.04 0.03 0.00	37.14 0.07 0.00	42.11 0.17 0.00	50.70 0.55 0.00	63.85 0.63 0.00	75.46 1.12 0.00	77.88 1.15 0.00	69.57 0.83 0.00	57.47 0.40 0.00	50.13 0.35 0.00	43.92 0.26 0.00
BROOME___LFGE 323600	35.31 0.28 0.00	30.27 0.39 0.00	27.84 0.41 0.00	25.90 0.33 0.00	25.47 0.25 0.00	26.02 0.31 0.00	26.02 0.21 0.00	26.16 -0.08 0.00	26.10 -0.26 0.00	26.13 -0.24 0.00	27.80 -0.17 0.00	29.81 -0.09 0.00	30.75 0.00 0.00	34.04 0.03 0.00	37.14 0.07 0.00	42.11 0.17 0.00	50.70 0.55 0.00	63.85 0.63 0.00	75.46 1.12 0.00	77.88 1.15 0.00	69.57 0.83 0.00	57.47 0.40 0.00	50.13 0.35 0.00	43.92 0.26 0.00
BROWNFLS_115KV_TB 3_5 80003	35.27 0.25 0.00	29.85 -0.03 0.00	27.40 -0.03 0.00	25.59 0.03 0.00	25.29 0.08 0.00	25.77 0.05 0.00	25.74 -0.08 0.00	26.16 -0.08 0.00	26.42 0.05 0.00	26.40 0.03 0.00	27.91 -0.06 0.00	29.87 -0.03 0.00	30.68 -0.06 0.00	34.01 0.00 0.00	37.03 -0.04 0.00	42.16 0.21 0.00	50.30 0.15 0.00	63.72 0.51 0.00	75.31 0.97 0.00	78.57 1.84 0.00	70.53 1.79 0.00	62.96 1.83 -4.07	57.34 1.44 -6.11	50.13 1.18 -5.29
BROWNSV1_27_KV_LOAD 356125	37.09 2.07 0.00	31.79 1.91 0.00	29.04 1.62 0.00	27.05 1.48 0.00	26.75 1.54 0.00	27.21 1.49 0.00	27.54 1.73 0.00	28.00 1.76 0.00	28.02 1.66 0.00	28.14 1.77 0.00	29.78 1.82 0.00	32.03 2.12 0.00	33.02 2.28 0.00	36.52 2.52 0.00	39.81 2.74 0.00	44.92 2.98 0.00	53.26 3.11 0.00	66.44 3.22 0.00	77.69 3.35 0.00	79.95 3.22 0.00	71.43 2.68 0.00	59.18 2.11 0.00	51.82 2.04 0.00	45.45 1.79 0.00
BURROWS___LYONSDAL 23803	35.69 0.67 0.00	30.33 0.45 0.00	27.86 0.44 0.00	25.97 0.41 0.00	25.64 0.43 0.00	26.18 0.46 0.00	26.20 0.39 0.00	26.50 0.26 0.00	26.47 0.11 0.00	26.40 0.03 0.00	27.91 -0.06 0.00	29.87 -0.03 0.00	30.75 0.00 0.00	34.11 0.10 0.00	37.18 0.11 0.00	42.28 0.34 0.00	50.65 0.50 0.00	63.98 0.76 0.00	76.05 1.71 0.00	79.10 2.38 0.00	70.81 2.06 0.00	60.01 1.83 -1.12	52.81 1.34 -1.68	46.16 1.05 -1.45
CAITHNESS_CC_1 323624	37.56 2.52 -0.01	31.97 2.09 0.00	29.31 1.89 0.00	27.05 1.48 0.00	26.68 1.46 0.00	27.08 1.36 0.00	27.21 1.39 0.00	27.81 1.57 0.00	27.60 1.24 0.00	28.11 1.74 0.00	30.04 2.07 -0.01	32.68 2.36 -0.42	35.98 2.58 -2.65	43.72 2.79 -6.93	44.60 3.04 -4.49	46.34 3.40 -0.99	52.81 2.66 -0.01	65.88 2.65 -0.01	76.27 1.93 0.00	77.49 0.77 0.00	69.36 0.62 0.00	57.69 0.63 0.00	49.58 -0.20 0.00	44.88 1.22 0.00
CALPINE BETH_PAGE_GT4 24209	37.62 2.59 0.00	32.09 2.21 0.00	29.32 1.89 0.00	27.15 1.59 0.00	26.80 1.59 0.00	27.21 1.49 0.00	27.39 1.57 0.00	27.94 1.71 0.00	27.84 1.48 0.00	28.22 1.85 0.00	30.06 2.10 0.00	32.71 2.39 -0.42	35.83 2.43 -2.65	43.49 2.55 -6.93	44.19 2.63 -4.49	45.83 2.89 -0.99	53.21 3.06 0.00	66.57 3.35 0.00	77.61 3.27 0.00	79.57 2.84 0.00	70.88 2.13 0.00	58.89 1.83 0.00	50.93 1.15 0.00	45.19 1.53 0.00
CALPINE_BETH_PAGE_GT_4 323586	37.63 2.59 -0.01	32.09 2.21 0.00	29.37 1.95 0.00	27.15 1.59 0.00	26.81 1.59 0.00	27.20 1.49 0.00	27.39 1.57 0.00	27.94 1.70 0.00	27.81 1.45 0.00	28.19 1.82 0.00	30.07 2.10 -0.01	32.72 2.39 -0.42	35.83 2.43 -2.65	43.49 2.55 -6.93	44.23 2.67 -4.49	45.83 2.89 -0.99	52.57 2.41 -0.01	65.50 2.27 -0.01	75.98 1.63 0.00	77.34 0.61 0.00	69.36 0.62 0.00	57.64 0.57 0.00	49.83 0.05 0.00	44.75 1.09 0.00
CALPINE_BP_GT1 23823	37.63 2.59 -0.01	32.09 2.21 0.00	29.37 1.95 0.00	27.15 1.59 0.00	26.81 1.59 0.00	27.20 1.49 0.00	27.39 1.57 0.00	27.94 1.70 0.00	27.81 1.45 0.00	28.19 1.82 0.00	30.07 2.10 -0.01	32.72 2.39 -0.42	35.83 2.43 -2.65	43.49 2.55 -6.93	44.23 2.67 -4.49	45.83 2.89 -0.99	52.57 2.41 -0.01	65.50 2.27 -0.01	75.98 1.63 0.00	77.34 0.61 0.00	69.36 0.62 0.00	57.64 0.57 0.00	49.83 0.05 0.00	44.75 1.09 0.00
CALSPAN___DRP 24200	35.10 0.07 0.00	30.36 0.48 0.00	28.03 0.60 0.00	26.00 0.43 0.00	25.44 0.23 0.00	26.05 0.33 0.00	25.74 -0.08 0.00	25.29 -0.94 0.00	25.10 -1.27 0.00	25.00 -1.37 0.00	27.21 -0.75 0.00	29.46 -0.45 0.00	30.44 -0.31 0.00	33.77 -0.24 0.00	36.85 -0.22 0.00	41.65 -0.29 0.00	50.90 0.75 0.00	64.04 0.82 0.00	74.79 0.45 0.00	77.11 0.38 0.00	68.47 -0.27 0.00	56.04 -1.03 0.00	49.53 -0.25 0.00	43.97 0.31 0.00

CALVERTON___SOLAR 323806	37.63 2.59 -0.01	32.03 2.15 0.00	29.37 1.95 0.00	27.10 1.53 0.00	26.73 1.51 0.00	27.10 1.39 0.00	27.21 1.39 0.00	27.81 1.57 0.00	27.63 1.27 0.00	28.14 1.77 0.00	30.12 2.15 -0.01	32.78 2.45 -0.42	36.07 2.67 -2.65	43.86 2.92 -6.93	44.78 3.22 -4.49	46.59 3.65 -0.99	53.17 3.01 -0.01	66.32 3.10 -0.01	76.87 2.53 0.00	77.95 1.22 0.00	69.71 0.96 0.00	58.04 0.97 0.00	49.78 0.00 0.00	45.02 1.35 0.00
CANDIGU_WT_PWR 323617	35.31 0.28 0.00	30.39 0.51 0.00	28.00 0.58 0.00	26.03 0.46 0.00	25.49 0.28 0.00	26.10 0.39 0.00	25.92 0.10 0.00	25.61 -0.63 0.00	25.42 -0.95 0.00	25.48 -0.90 0.00	27.18 -0.78 0.00	29.31 -0.60 0.00	30.25 -0.49 0.00	33.56 -0.44 0.00	36.63 -0.44 0.00	41.53 -0.42 0.00	50.50 0.35 0.00	63.60 0.38 0.00	75.46 1.12 0.00	78.11 1.38 0.00	69.64 0.89 0.00	57.41 0.34 0.00	50.13 0.35 0.00	44.10 0.44 0.00
CARR STREET_E_SYR 24060	34.89 -0.14 0.00	29.82 -0.06 0.00	27.45 0.03 0.00	25.57 0.00 0.00	25.17 -0.05 0.00	25.71 0.00 0.00	25.74 -0.08 0.00	25.98 -0.26 0.00	25.97 -0.39 0.00	26.00 -0.37 0.00	27.63 -0.33 0.00	29.51 -0.39 0.00	30.35 -0.40 0.00	33.53 -0.48 0.00	36.47 -0.59 0.00	41.32 -0.63 0.00	49.60 -0.55 0.00	62.58 -0.63 0.00	73.90 -0.44 0.00	76.27 -0.46 0.00	68.19 -0.55 0.00	56.44 -0.63 0.00	49.19 -0.60 0.00	43.05 -0.61 0.00
CARTHAGE___PAPER 23857	35.83 0.81 0.00	30.27 0.39 0.00	27.78 0.36 0.00	25.92 0.36 0.00	25.62 0.40 0.00	26.12 0.41 0.00	26.05 0.23 0.00	26.32 0.08 0.00	26.28 -0.08 0.00	26.16 -0.21 0.00	27.63 -0.33 0.00	29.58 -0.33 0.00	30.44 -0.31 0.00	33.77 -0.24 0.00	36.77 -0.30 0.00	41.90 -0.04 0.00	50.15 0.00 0.00	63.60 0.38 0.00	76.05 1.71 0.00	79.64 2.91 0.00	71.42 2.68 0.00	61.40 2.51 -1.82	54.36 1.84 -2.74	47.47 1.44 -2.37
CASSADAGA_WT_PWR 323784	35.52 0.49 0.00	30.81 0.93 0.00	28.44 1.02 0.00	26.33 0.77 0.00	25.75 0.53 0.00	26.38 0.67 0.00	26.07 0.26 0.00	25.71 -0.52 0.00	25.68 -0.69 0.00	25.82 -0.56 0.00	27.71 -0.25 0.00	30.05 0.15 0.00	31.05 0.31 0.00	34.48 0.48 0.00	37.55 0.48 0.00	42.53 0.59 0.00	52.16 2.01 0.00	65.49 2.27 0.00	77.24 2.90 0.00	79.41 2.68 0.00	70.46 1.72 0.00	57.86 0.80 0.00	50.73 0.94 0.00	44.58 0.92 0.00
CE_DUNWOOD___DRP 24194	36.60 1.58 0.00	31.40 1.52 0.00	28.74 1.32 0.00	26.74 1.18 0.00	26.45 1.24 0.00	26.90 1.18 0.00	27.18 1.37 0.00	27.63 1.39 0.00	27.60 1.24 0.00	27.69 1.32 0.00	29.33 1.37 0.00	31.52 1.61 0.00	32.50 1.75 0.00	35.91 1.90 0.00	39.14 2.08 0.00	44.17 2.22 0.00	52.41 2.26 0.00	65.56 2.34 0.00	76.80 2.45 0.00	79.10 2.38 0.00	70.60 1.86 0.00	58.55 1.48 0.00	51.18 1.39 0.00	44.88 1.22 0.00
CE_MILLWOOD___DRP 24193	36.50 1.47 0.00	31.34 1.46 0.00	28.66 1.23 0.00	26.69 1.12 0.00	26.40 1.19 0.00	26.85 1.13 0.00	27.13 1.32 0.00	27.55 1.31 0.00	27.52 1.16 0.00	27.59 1.21 0.00	29.22 1.26 0.00	31.40 1.50 0.00	32.38 1.63 0.00	35.77 1.77 0.00	39.00 1.93 0.00	44.04 2.10 0.00	52.26 2.11 0.00	65.37 2.15 0.00	76.65 2.30 0.00	78.95 2.23 0.00	70.53 1.79 0.00	58.44 1.37 0.00	51.08 1.29 0.00	44.80 1.14 0.00
CE_NYC2_DRP 24202	36.99 1.96 0.00	31.73 1.85 0.00	29.01 1.59 0.00	27.00 1.43 0.00	26.70 1.49 0.00	27.13 1.41 0.00	27.44 1.63 0.00	27.87 1.63 0.00	27.89 1.53 0.00	28.03 1.66 0.00	29.67 1.71 0.00	31.91 2.00 0.00	32.93 2.18 0.00	36.39 2.38 0.00	39.63 2.56 0.00	44.71 2.77 0.00	52.66 2.51 0.00	65.43 2.21 0.00	76.57 2.23 0.00	78.80 2.07 0.00	70.40 1.65 0.00	58.32 1.26 0.00	51.33 1.54 0.00	45.32 1.66 0.00
CE_NYC_DRP 24195	36.85 1.82 0.00	31.61 1.73 0.00	28.88 1.45 0.00	26.90 1.33 0.00	26.60 1.39 0.00	27.05 1.34 0.00	27.36 1.55 0.00	27.81 1.57 0.00	27.87 1.50 0.00	27.95 1.58 0.00	29.56 1.59 0.00	31.82 1.91 0.00	32.81 2.06 0.00	36.25 2.24 0.00	39.52 2.45 0.00	44.59 2.64 0.00	52.86 2.71 0.00	65.87 2.66 0.00	77.09 2.75 0.00	79.33 2.61 0.00	70.88 2.13 0.00	58.72 1.65 0.00	51.43 1.64 0.00	45.10 1.44 0.00
CHAFFEE___LFGE 323603	35.13 0.11 0.00	30.35 0.48 0.00	28.08 0.66 0.00	26.00 0.43 0.00	25.44 0.23 0.00	26.05 0.33 0.00	25.74 -0.08 0.00	25.32 -0.92 0.00	25.26 -1.11 0.00	25.40 -0.98 0.00	27.23 -0.73 0.00	29.51 -0.39 0.00	30.50 -0.25 0.00	33.87 -0.14 0.00	36.92 -0.15 0.00	41.74 -0.21 0.00	51.25 1.10 0.00	64.29 1.07 0.00	75.75 1.41 0.00	77.80 1.07 0.00	69.02 0.28 0.00	56.78 -0.28 0.00	49.83 0.05 0.00	44.01 0.35 0.00
CHATEAUG_35_KV_LOAD 355732	34.26 -0.77 0.00	28.95 -0.93 0.00	26.57 -0.85 0.00	24.90 -0.66 0.00	24.56 -0.66 0.00	25.02 -0.69 0.00	25.02 -0.80 0.00	25.71 -0.52 0.00	26.21 -0.16 0.00	26.27 -0.11 0.00	27.82 -0.14 0.00	29.75 -0.15 0.00	30.50 -0.25 0.00	33.73 -0.27 0.00	36.74 -0.33 0.00	41.74 -0.21 0.00	49.35 -0.80 0.00	62.52 -0.70 0.00	73.38 -0.97 0.00	76.27 -0.46 0.00	68.54 -0.21 0.00	57.37 -0.11 -0.42	50.31 -0.10 -0.63	44.25 0.04 -0.54
CHATEAUG_WT_PWR 323614	34.26 -0.77 0.00	28.98 -0.90 0.00	26.63 -0.80 0.00	24.93 -0.64 0.00	24.59 -0.63 0.00	25.04 -0.67 0.00	25.07 -0.75 0.00	25.74 -0.50 0.00	26.23 -0.13 0.00	26.29 -0.08 0.00	27.85 -0.11 0.00	29.81 -0.09 0.00	30.56 -0.18 0.00	33.84 -0.17 0.00	36.85 -0.22 0.00	41.78 -0.17 0.00	49.40 -0.75 0.00	62.52 -0.69 0.00	73.30 -1.04 0.00	76.34 -0.38 0.00	68.34 -0.41 0.00	56.84 -0.23 0.00	49.73 -0.05 0.00	43.97 0.31 0.00
CHAT_HIGH_FALL_HYD 323578	34.26 -0.77 0.00	28.95 -0.93 0.00	26.57 -0.85 0.00	24.90 -0.66 0.00	24.56 -0.66 0.00	25.02 -0.69 0.00	25.02 -0.80 0.00	25.71 -0.52 0.00	26.21 -0.16 0.00	26.27 -0.11 0.00	27.82 -0.14 0.00	29.75 -0.15 0.00	30.50 -0.25 0.00	33.73 -0.27 0.00	36.74 -0.33 0.00	41.74 -0.21 0.00	49.35 -0.80 0.00	62.52 -0.70 0.00	73.38 -0.97 0.00	76.27 -0.46 0.00	68.54 -0.21 0.00	57.37 -0.11 -0.42	50.31 -0.10 -0.63	44.25 0.04 -0.54
CHAUTAUQUA___LFGE 323629	35.34 0.31 0.00	30.59 0.72 0.00	28.27 0.85 0.00	26.21 0.64 0.00	25.62 0.40 0.00	26.23 0.51 0.00	25.95 0.13 0.00	25.53 -0.71 0.00	25.47 -0.90 0.00	25.61 -0.77 0.00	27.46 -0.50 0.00	29.75 -0.15 0.00	30.75 0.00 0.00	34.11 0.10 0.00	37.18 0.11 0.00	42.07 0.13 0.00	51.55 1.40 0.00	64.73 1.51 0.00	76.35 2.01 0.00	78.49 1.77 0.00	69.71 0.96 0.00	57.30 0.23 0.00	50.23 0.45 0.00	44.27 0.61 0.00
CHERRYST_13_KV_LD 356241	36.92 1.89 0.00	31.67 1.79 0.00	28.96 1.54 0.00	26.95 1.38 0.00	26.65 1.44 0.00	27.13 1.41 0.00	27.44 1.63 0.00	27.89 1.65 0.00	27.95 1.58 0.00	28.03 1.66 0.00	29.67 1.71 0.00	31.91 2.00 0.00	32.90 2.15 0.00	36.39 2.38 0.00	39.63 2.56 0.00	44.71 2.77 0.00	53.01 2.86 0.00	66.12 2.91 0.00	77.39 3.05 0.00	79.57 2.84 0.00	71.08 2.34 0.00	58.89 1.83 0.00	51.58 1.79 0.00	45.23 1.57 0.00

CHESTROR_138KV_BK263 355645	36.15 1.12 0.00	31.04 1.17 0.00	28.38 0.96 0.00	26.44 0.87 0.00	26.12 0.91 0.00	26.59 0.87 0.00	26.85 1.03 0.00	27.24 1.00 0.00	27.18 0.82 0.00	27.22 0.84 0.00	28.86 0.89 0.00	30.98 1.08 0.00	31.94 1.20 0.00	35.30 1.29 0.00	38.48 1.41 0.00	43.50 1.55 0.00	51.70 1.55 0.00	64.86 1.64 0.00	76.13 1.78 0.00	78.49 1.76 0.00	70.19 1.44 0.00	58.15 1.08 0.00	50.73 0.95 0.00	44.49 0.83 0.00
CH_MIDHUDSON___DRP 24192	36.39 1.37 0.00	31.25 1.37 0.00	28.60 1.18 0.00	26.64 1.07 0.00	26.33 1.11 0.00	26.79 1.08 0.00	27.05 1.24 0.00	27.47 1.23 0.00	27.39 1.03 0.00	27.40 1.03 0.00	29.02 1.06 0.00	31.16 1.26 0.00	32.13 1.38 0.00	35.50 1.50 0.00	38.74 1.67 0.00	43.75 1.80 0.00	52.06 1.91 0.00	65.43 2.21 0.00	76.72 2.38 0.00	79.10 2.38 0.00	70.74 1.99 0.00	58.61 1.54 0.00	51.13 1.34 0.00	44.84 1.18 0.00
CH_MISC_IPPS 23765	36.53 1.51 0.00	31.40 1.52 0.00	28.74 1.32 0.00	26.72 1.15 0.00	26.43 1.21 0.00	26.90 1.18 0.00	27.16 1.34 0.00	27.55 1.31 0.00	27.45 1.08 0.00	27.43 1.06 0.00	29.11 1.15 0.00	31.25 1.35 0.00	32.25 1.51 0.00	35.67 1.67 0.00	38.96 1.89 0.00	44.00 2.05 0.00	52.41 2.26 0.00	65.81 2.59 0.00	77.17 2.82 0.00	79.18 2.45 0.00	71.08 2.34 0.00	58.89 1.83 0.00	51.33 1.54 0.00	44.97 1.31 0.00
CH_RES_BVR_FALLS 23983	34.57 -0.46 0.00	29.40 -0.48 0.00	26.98 -0.44 0.00	25.18 -0.38 0.00	24.86 -0.35 0.00	25.35 -0.36 0.00	25.43 -0.39 0.00	25.95 -0.29 0.00	26.21 -0.16 0.00	26.27 -0.11 0.00	27.82 -0.14 0.00	29.73 -0.18 0.00	30.53 -0.21 0.00	33.77 -0.24 0.00	36.81 -0.26 0.00	41.70 -0.25 0.00	49.75 -0.40 0.00	62.78 -0.44 0.00	73.75 -0.60 0.00	76.34 -0.38 0.00	68.27 -0.48 0.00	56.45 -0.34 0.27	49.07 -0.30 0.41	43.13 -0.17 0.36
CH_RES_NIAGARA 23895	34.89 -0.14 0.00	29.64 -0.24 0.00	27.40 -0.03 0.00	25.41 -0.15 0.00	24.89 -0.33 0.00	25.43 -0.28 0.00	25.12 -0.70 0.00	24.80 -1.44 0.00	24.47 -1.90 0.00	24.34 -2.03 0.00	26.51 -1.45 0.00	28.68 -1.23 0.00	29.61 -1.14 0.00	32.82 -1.19 0.00	35.81 -1.26 0.00	40.39 -1.55 0.00	49.40 -0.75 0.00	62.08 -1.14 0.00	72.34 -2.01 0.00	74.50 -2.23 0.00	66.13 -2.61 0.00	54.16 -2.91 0.00	47.94 -1.84 0.00	42.79 -0.87 0.00
CH_RES_SYRACUSE 23985	35.06 0.04 0.00	29.97 0.09 0.00	27.59 0.17 0.00	25.69 0.13 0.00	25.27 0.05 0.00	25.84 0.13 0.00	25.87 0.05 0.00	26.11 -0.13 0.00	26.10 -0.26 0.00	26.13 -0.24 0.00	27.77 -0.19 0.00	29.66 -0.24 0.00	30.50 -0.25 0.00	33.80 -0.20 0.00	36.85 -0.22 0.00	41.74 -0.21 0.00	50.15 0.00 0.00	63.22 0.00 0.00	74.72 0.37 0.00	77.11 0.39 0.00	68.95 0.21 0.00	57.07 0.00 0.00	49.73 -0.05 0.00	43.53 -0.13 0.00
CLINTON_WT_PWR 323605	34.26 -0.77 0.00	28.98 -0.90 0.00	26.63 -0.80 0.00	24.93 -0.64 0.00	24.59 -0.63 0.00	25.04 -0.67 0.00	25.07 -0.75 0.00	25.74 -0.50 0.00	26.23 -0.13 0.00	26.29 -0.08 0.00	27.85 -0.11 0.00	29.81 -0.09 0.00	30.56 -0.18 0.00	33.84 -0.17 0.00	36.85 -0.22 0.00	41.78 -0.17 0.00	49.40 -0.75 0.00	62.52 -0.69 0.00	73.30 -1.04 0.00	76.34 -0.38 0.00	68.34 -0.41 0.00	56.84 -0.23 0.00	49.73 -0.05 0.00	43.97 0.31 0.00
CLINTON___LFGE 323618	34.68 -0.35 0.00	29.31 -0.57 0.00	26.96 -0.47 0.00	25.29 -0.28 0.00	24.91 -0.30 0.00	25.38 -0.33 0.00	25.35 -0.46 0.00	26.06 -0.18 0.00	26.52 0.16 0.00	26.64 0.26 0.00	28.27 0.31 0.00	30.23 0.33 0.00	30.96 0.22 0.00	34.28 0.27 0.00	37.33 0.26 0.00	42.41 0.46 0.00	49.85 -0.30 0.00	63.15 -0.06 0.00	74.05 -0.30 0.00	77.42 0.69 0.00	69.23 0.48 0.00	57.47 0.40 0.00	50.33 0.55 0.00	44.71 1.05 0.00
COBBLENY_34_KV_TB1 80064	35.06 0.04 0.00	30.36 0.48 0.00	28.03 0.60 0.00	26.00 0.43 0.00	25.44 0.23 0.00	26.05 0.33 0.00	25.74 -0.08 0.00	25.32 -0.92 0.00	25.12 -1.24 0.00	25.03 -1.34 0.00	27.23 -0.73 0.00	29.51 -0.39 0.00	30.50 -0.25 0.00	33.87 -0.14 0.00	36.92 -0.15 0.00	41.74 -0.21 0.00	51.05 0.90 0.00	64.23 1.01 0.00	75.01 0.67 0.00	77.34 0.61 0.00	68.68 -0.07 0.00	56.21 -0.86 0.00	49.63 -0.15 0.00	44.01 0.35 0.00
COFFEEN___115KV_TB3 355620	36.32 1.30 0.00	30.56 0.69 0.00	28.08 0.66 0.00	26.18 0.61 0.00	25.87 0.66 0.00	26.38 0.67 0.00	26.28 0.46 0.00	26.42 0.18 0.00	26.26 -0.11 0.00	26.08 -0.29 0.00	27.54 -0.42 0.00	29.51 -0.39 0.00	30.41 -0.34 0.00	33.73 -0.27 0.00	36.74 -0.33 0.00	41.90 -0.04 0.00	50.40 0.25 0.00	63.79 0.57 0.00	76.65 2.30 0.00	80.56 3.84 0.00	72.25 3.51 0.00	61.65 3.08 -1.50	54.28 2.24 -2.26	47.36 1.75 -1.95
COLDSPRG_115KV_BK1 355956	35.24 0.21 0.00	30.59 0.72 0.00	28.16 0.74 0.00	26.18 0.61 0.00	25.57 0.35 0.00	26.23 0.51 0.00	25.92 0.10 0.00	25.58 -0.66 0.00	25.41 -0.95 0.00	25.34 -1.03 0.00	27.57 -0.39 0.00	29.90 0.00 0.00	30.90 0.15 0.00	34.31 0.31 0.00	37.37 0.30 0.00	42.36 0.42 0.00	51.70 1.55 0.00	65.11 1.90 0.00	76.20 1.86 0.00	78.64 1.92 0.00	69.91 1.17 0.00	57.12 0.06 0.00	50.38 0.60 0.00	44.36 0.70 0.00
COLONIE_LFGE___ 323577	36.22 1.19 0.00	31.07 1.20 0.00	28.52 1.10 0.00	26.59 1.02 0.00	26.25 1.03 0.00	26.74 1.03 0.00	26.92 1.11 0.00	27.32 1.08 0.00	27.13 0.77 0.00	27.00 0.63 0.00	28.61 0.64 0.00	30.56 0.66 0.00	31.48 0.74 0.00	34.72 0.72 0.00	37.88 0.81 0.00	42.78 0.84 0.00	51.25 1.10 0.00	64.92 1.71 0.00	76.35 2.01 0.00	78.65 1.92 0.00	70.67 1.92 0.00	58.66 1.60 0.00	51.13 1.34 0.00	44.71 1.05 0.00
COOPERNY_115KV_TB1 80082	35.83 0.81 0.00	30.71 0.84 0.00	28.14 0.71 0.00	26.20 0.64 0.00	25.87 0.66 0.00	26.36 0.64 0.00	26.54 0.72 0.00	26.92 0.68 0.00	26.92 0.55 0.00	26.95 0.58 0.00	28.55 0.59 0.00	30.65 0.75 0.00	31.61 0.86 0.00	34.92 0.92 0.00	38.07 1.00 0.00	43.08 1.13 0.00	51.30 1.15 0.00	64.35 1.14 0.00	75.68 1.34 0.00	78.03 1.30 0.00	69.78 1.03 0.00	57.87 0.80 0.00	50.48 0.70 0.00	44.27 0.61 0.00
COPENHAGEN_WT_PWR 323753	35.97 0.95 0.00	30.39 0.51 0.00	27.92 0.49 0.00	26.03 0.46 0.00	25.69 0.48 0.00	26.20 0.49 0.00	26.13 0.31 0.00	26.29 0.05 0.00	26.18 -0.18 0.00	26.06 -0.32 0.00	27.54 -0.42 0.00	29.51 -0.39 0.00	30.38 -0.37 0.00	33.70 -0.31 0.00	36.66 -0.41 0.00	41.78 -0.17 0.00	50.10 -0.05 0.00	63.47 0.25 0.00	76.12 1.78 0.00	79.72 2.99 0.00	71.42 2.68 0.00	60.94 2.45 -1.42	53.70 1.79 -2.13	46.86 1.35 -1.84
CORNELL_____ 23752	35.76 0.74 0.00	30.56 0.69 0.00	28.11 0.69 0.00	26.20 0.64 0.00	25.75 0.53 0.00	26.33 0.62 0.00	26.33 0.52 0.00	26.48 0.24 0.00	26.34 -0.03 0.00	26.29 -0.08 0.00	27.96 0.00 0.00	29.93 0.03 0.00	30.81 0.06 0.00	34.18 0.17 0.00	37.33 0.26 0.00	42.36 0.42 0.00	51.00 0.85 0.00	64.54 1.33 0.00	76.50 2.16 0.00	79.33 2.61 0.00	70.88 2.13 0.00	58.49 1.43 0.00	50.98 1.19 0.00	44.62 0.96 0.00

CORONA V_69_KV_TB1 355595	37.51 2.49 0.00	32.06 2.18 0.00	29.29 1.86 0.00	27.15 1.59 0.00	26.80 1.59 0.00	27.23 1.52 0.00	27.42 1.60 0.00	27.94 1.71 0.00	27.84 1.48 0.00	28.19 1.82 0.00	30.00 2.04 0.00	32.63 2.30 -0.42	35.86 2.46 -2.65	43.62 2.69 -6.93	44.48 2.93 -4.49	46.13 3.19 -0.99	53.61 3.46 0.00	67.14 3.92 0.00	78.36 4.01 0.00	80.41 3.68 0.00	71.70 2.96 0.00	59.52 2.45 0.00	51.62 1.84 0.00	45.67 2.01 0.00
CORTLAND_115KV_TB3 80093	35.45 0.42 0.00	30.33 0.45 0.00	27.86 0.44 0.00	25.97 0.41 0.00	25.54 0.33 0.00	26.13 0.41 0.00	26.13 0.31 0.00	26.32 0.08 0.00	26.23 -0.13 0.00	26.21 -0.16 0.00	27.88 -0.08 0.00	29.84 -0.06 0.00	30.72 -0.03 0.00	34.04 0.03 0.00	37.14 0.07 0.00	42.11 0.17 0.00	50.65 0.50 0.00	63.91 0.70 0.00	75.53 1.19 0.00	78.26 1.53 0.00	69.91 1.17 0.00	57.81 0.74 0.00	50.38 0.60 0.00	44.14 0.48 0.00
COXSACKIE__GT 23611	36.74 1.72 0.00	31.55 1.67 0.00	28.90 1.48 0.00	27.00 1.43 0.00	26.70 1.49 0.00	27.15 1.44 0.00	27.39 1.57 0.00	27.55 1.31 0.00	27.08 0.71 0.00	26.85 0.48 0.00	28.47 0.50 0.00	30.35 0.45 0.00	31.30 0.55 0.00	34.69 0.68 0.00	38.03 0.96 0.00	43.03 1.09 0.00	51.80 1.65 0.00	66.19 2.97 0.00	78.50 4.16 0.00	81.10 4.37 0.00	73.01 4.26 0.00	60.37 3.31 0.00	52.32 2.54 0.00	45.63 1.97 0.00
CPV_VALLEY__CC1 323721	35.87 0.84 0.00	30.83 0.96 0.00	28.25 0.82 0.00	26.26 0.69 0.00	25.95 0.73 0.00	26.41 0.69 0.00	26.64 0.83 0.00	27.05 0.81 0.00	27.00 0.63 0.00	27.03 0.66 0.00	28.69 0.73 0.00	30.80 0.90 0.00	31.73 0.98 0.00	35.06 1.06 0.00	38.22 1.15 0.00	43.20 1.26 0.00	51.35 1.20 0.00	64.36 1.14 0.00	75.38 1.04 0.00	77.42 0.69 0.00	69.43 0.69 0.00	57.64 0.57 0.00	50.33 0.55 0.00	44.14 0.48 0.00
CPV_VALLEY__CC2 323722	35.87 0.84 0.00	30.83 0.96 0.00	28.25 0.82 0.00	26.26 0.69 0.00	25.95 0.73 0.00	26.41 0.69 0.00	26.64 0.83 0.00	27.05 0.81 0.00	27.00 0.63 0.00	27.03 0.66 0.00	28.69 0.73 0.00	30.80 0.90 0.00	31.73 0.98 0.00	35.06 1.06 0.00	38.22 1.15 0.00	43.20 1.26 0.00	51.35 1.20 0.00	64.36 1.14 0.00	75.38 1.04 0.00	77.42 0.69 0.00	69.43 0.69 0.00	57.64 0.57 0.00	50.33 0.55 0.00	44.14 0.48 0.00
CRESCENT__HYD 24018	36.22 1.19 0.00	31.07 1.20 0.00	28.52 1.10 0.00	26.59 1.02 0.00	26.25 1.03 0.00	26.74 1.03 0.00	26.92 1.11 0.00	27.32 1.08 0.00	27.13 0.77 0.00	27.00 0.63 0.00	28.61 0.64 0.00	30.56 0.66 0.00	31.48 0.74 0.00	34.72 0.72 0.00	37.88 0.81 0.00	42.78 0.84 0.00	51.25 1.10 0.00	64.92 1.71 0.00	76.35 2.01 0.00	78.65 1.92 0.00	70.67 1.92 0.00	58.66 1.60 0.00	51.13 1.34 0.00	44.71 1.05 0.00
CRICKET__VALLEY_CC1 323756	36.04 1.02 0.00	30.95 1.07 0.00	28.41 0.99 0.00	26.46 0.89 0.00	26.15 0.93 0.00	26.64 0.92 0.00	26.87 1.06 0.00	27.32 1.08 0.00	27.18 0.82 0.00	27.14 0.77 0.00	28.77 0.81 0.00	30.83 0.93 0.00	31.76 1.01 0.00	35.03 1.02 0.00	38.18 1.11 0.00	43.03 1.09 0.00	51.25 1.10 0.00	64.48 1.26 0.00	75.46 1.12 0.00	77.49 0.77 0.00	69.57 0.83 0.00	57.81 0.74 0.00	50.43 0.65 0.00	44.23 0.57 0.00
CRICKET__VALLEY_CC2 323757	36.04 1.02 0.00	30.95 1.07 0.00	28.41 0.99 0.00	26.46 0.89 0.00	26.15 0.93 0.00	26.64 0.92 0.00	26.87 1.06 0.00	27.32 1.08 0.00	27.18 0.82 0.00	27.14 0.77 0.00	28.77 0.81 0.00	30.83 0.93 0.00	31.76 1.01 0.00	35.03 1.02 0.00	38.18 1.11 0.00	43.03 1.09 0.00	51.25 1.10 0.00	64.48 1.26 0.00	75.46 1.12 0.00	77.49 0.77 0.00	69.57 0.83 0.00	57.81 0.74 0.00	50.43 0.65 0.00	44.23 0.57 0.00
CRICKET__VALLEY_CC3 323758	36.04 1.02 0.00	30.95 1.07 0.00	28.41 0.99 0.00	26.46 0.89 0.00	26.15 0.93 0.00	26.64 0.92 0.00	26.87 1.06 0.00	27.32 1.08 0.00	27.18 0.82 0.00	27.14 0.77 0.00	28.77 0.81 0.00	30.83 0.93 0.00	31.76 1.01 0.00	35.03 1.02 0.00	38.18 1.11 0.00	43.03 1.09 0.00	51.25 1.10 0.00	64.48 1.26 0.00	75.46 1.12 0.00	77.49 0.77 0.00	69.57 0.83 0.00	57.81 0.74 0.00	50.43 0.65 0.00	44.23 0.57 0.00
CRUCIBLE_METL_DRP 24180	35.06 0.04 0.00	29.97 0.09 0.00	27.59 0.16 0.00	25.69 0.13 0.00	25.27 0.05 0.00	25.84 0.13 0.00	25.87 0.05 0.00	26.11 -0.13 0.00	26.07 -0.29 0.00	26.11 -0.26 0.00	27.77 -0.20 0.00	29.66 -0.24 0.00	30.50 -0.25 0.00	33.77 -0.24 0.00	36.85 -0.22 0.00	41.74 -0.21 0.00	50.15 0.00 0.00	63.22 0.00 0.00	74.57 0.22 0.00	77.19 0.46 0.00	68.88 0.14 0.00	57.01 -0.06 0.00	49.68 -0.10 0.00	43.57 -0.09 0.00
DAHOWA__HYDRO 323763	36.57 1.54 0.00	31.31 1.43 0.00	28.74 1.32 0.00	26.77 1.20 0.00	26.40 1.19 0.00	26.95 1.23 0.00	27.13 1.32 0.00	27.37 1.13 0.00	27.08 0.71 0.00	26.93 0.55 0.00	28.41 0.45 0.00	30.32 0.42 0.00	31.27 0.52 0.00	34.55 0.54 0.00	37.77 0.70 0.00	42.78 0.84 0.00	51.30 1.15 0.00	65.24 2.02 0.00	77.39 3.05 0.00	80.02 3.30 0.00	71.98 3.23 0.00	59.69 2.63 0.00	51.97 2.19 0.00	45.32 1.66 0.00
DANC__LFGE 323619	35.45 0.42 0.00	30.06 0.18 0.00	27.67 0.25 0.00	25.77 0.20 0.00	25.39 0.18 0.00	25.89 0.18 0.00	25.84 0.03 0.00	26.06 -0.18 0.00	25.97 -0.39 0.00	25.90 -0.47 0.00	27.43 -0.53 0.00	29.40 -0.51 0.00	30.22 -0.52 0.00	33.50 -0.51 0.00	36.47 -0.59 0.00	41.44 -0.50 0.00	49.65 -0.50 0.00	62.78 -0.44 0.00	74.87 0.52 0.00	78.03 1.30 0.00	69.91 1.17 0.00	59.05 1.03 -0.95	51.96 0.75 -1.43	45.42 0.53 -1.24
DANSKAMMER__1 23586	36.53 1.51 0.00	31.40 1.52 0.00	28.74 1.32 0.00	26.72 1.15 0.00	26.43 1.21 0.00	26.90 1.18 0.00	27.16 1.34 0.00	27.55 1.31 0.00	27.45 1.08 0.00	27.43 1.06 0.00	29.11 1.15 0.00	31.25 1.35 0.00	32.25 1.51 0.00	35.67 1.67 0.00	38.96 1.89 0.00	44.00 2.05 0.00	52.41 2.26 0.00	65.81 2.59 0.00	77.17 2.82 0.00	79.18 2.45 0.00	71.08 2.34 0.00	58.89 1.83 0.00	51.33 1.54 0.00	44.97 1.31 0.00
DANSKAMMER__2 23589	36.53 1.51 0.00	31.40 1.52 0.00	28.74 1.32 0.00	26.72 1.15 0.00	26.43 1.21 0.00	26.90 1.18 0.00	27.16 1.34 0.00	27.55 1.31 0.00	27.45 1.08 0.00	27.43 1.06 0.00	29.11 1.15 0.00	31.25 1.35 0.00	32.25 1.51 0.00	35.67 1.67 0.00	38.96 1.89 0.00	44.00 2.05 0.00	52.41 2.26 0.00	65.81 2.59 0.00	77.17 2.82 0.00	79.18 2.45 0.00	71.08 2.34 0.00	58.89 1.83 0.00	51.33 1.54 0.00	44.97 1.31 0.00
DANSKAMMER__3 23590	36.53 1.51 0.00	31.40 1.52 0.00	28.74 1.32 0.00	26.72 1.15 0.00	26.43 1.21 0.00	26.90 1.18 0.00	27.16 1.34 0.00	27.55 1.31 0.00	27.45 1.08 0.00	27.43 1.06 0.00	29.11 1.15 0.00	31.25 1.35 0.00	32.25 1.51 0.00	35.67 1.67 0.00	38.96 1.89 0.00	44.00 2.05 0.00	52.41 2.26 0.00	65.81 2.59 0.00	77.17 2.82 0.00	79.18 2.45 0.00	71.08 2.34 0.00	58.89 1.83 0.00	51.33 1.54 0.00	44.97 1.31 0.00

DANSKAMMER___4 23591	36.53 1.51 0.00	31.40 1.52 0.00	28.74 1.32 0.00	26.72 1.15 0.00	26.43 1.21 0.00	26.90 1.18 0.00	27.16 1.34 0.00	27.55 1.31 0.00	27.45 1.08 0.00	27.43 1.06 0.00	29.11 1.15 0.00	31.25 1.35 0.00	32.25 1.51 0.00	35.67 1.67 0.00	38.96 1.89 0.00	44.00 2.05 0.00	52.41 2.26 0.00	65.81 2.59 0.00	77.17 2.82 0.00	79.18 2.45 0.00	71.08 2.34 0.00	58.89 1.83 0.00	51.33 1.54 0.00	44.97 1.31 0.00
DANSKAMMER___DIESEL 23592	36.53 1.51 0.00	31.37 1.49 0.00	28.71 1.29 0.00	26.72 1.15 0.00	26.43 1.21 0.00	26.90 1.18 0.00	27.16 1.34 0.00	27.55 1.31 0.00	27.47 1.11 0.00	27.48 1.11 0.00	29.11 1.15 0.00	31.25 1.35 0.00	32.25 1.51 0.00	35.67 1.67 0.00	38.96 1.89 0.00	44.00 2.06 0.00	52.41 2.26 0.00	65.87 2.66 0.00	77.32 2.97 0.00	79.72 2.99 0.00	71.22 2.47 0.00	59.01 1.94 0.00	51.43 1.64 0.00	45.06 1.40 0.00
DARBY___SOLAR 323810	36.50 1.47 0.00	31.25 1.38 0.00	28.69 1.26 0.00	26.72 1.15 0.00	26.38 1.16 0.00	26.90 1.18 0.00	27.05 1.24 0.00	27.34 1.10 0.00	27.08 0.71 0.00	26.90 0.53 0.00	28.38 0.42 0.00	30.32 0.42 0.00	31.27 0.52 0.00	34.55 0.54 0.00	37.74 0.67 0.00	42.70 0.76 0.00	51.25 1.10 0.00	65.11 1.89 0.00	77.17 2.82 0.00	79.72 2.99 0.00	71.70 2.95 0.00	59.46 2.40 0.00	51.78 1.99 0.00	45.19 1.53 0.00
DASHVILLE___HYD 23610	36.25 1.23 0.00	31.13 1.25 0.00	28.47 1.04 0.00	26.49 0.92 0.00	26.20 0.98 0.00	26.64 0.93 0.00	26.90 1.08 0.00	27.26 1.02 0.00	27.18 0.82 0.00	27.19 0.82 0.00	28.83 0.87 0.00	30.92 1.02 0.00	31.88 1.14 0.00	35.26 1.26 0.00	38.48 1.41 0.00	43.50 1.55 0.00	51.75 1.60 0.00	65.05 1.83 0.00	76.43 2.08 0.00	78.72 1.99 0.00	70.40 1.65 0.00	58.44 1.37 0.00	50.93 1.15 0.00	44.67 1.00 0.00
DELAWARE___LFGE 323621	35.87 0.84 0.00	30.71 0.84 0.00	28.16 0.74 0.00	26.26 0.69 0.00	25.90 0.68 0.00	26.41 0.69 0.00	26.51 0.70 0.00	26.76 0.52 0.00	26.71 0.34 0.00	26.69 0.32 0.00	28.33 0.36 0.00	30.38 0.48 0.00	31.30 0.55 0.00	34.69 0.68 0.00	37.81 0.74 0.00	42.87 0.92 0.00	51.35 1.20 0.00	64.54 1.33 0.00	76.28 1.93 0.00	78.87 2.15 0.00	70.53 1.79 0.00	58.38 1.31 0.00	50.88 1.10 0.00	44.58 0.92 0.00
DERFIELD_115KV_TB7 355931	35.13 0.11 0.00	30.03 0.15 0.00	27.56 0.14 0.00	25.69 0.13 0.00	25.34 0.13 0.00	25.84 0.13 0.00	25.97 0.15 0.00	26.34 0.10 0.00	26.39 0.03 0.00	26.40 0.03 0.00	27.96 0.00 0.00	29.90 0.00 0.00	30.75 0.00 0.00	34.04 0.03 0.00	37.11 0.04 0.00	41.99 0.04 0.00	50.20 0.05 0.00	63.28 0.06 0.00	74.49 0.15 0.00	76.88 0.15 0.00	68.81 0.07 0.00	57.12 0.06 0.00	49.83 0.05 0.00	43.66 0.00 0.00
DOGLEVILLE___HYD 23807	34.36 -0.67 0.00	29.34 -0.54 0.00	26.93 -0.49 0.00	25.08 -0.49 0.00	24.79 -0.43 0.00	25.28 -0.44 0.00	25.38 -0.44 0.00	25.77 -0.47 0.00	25.81 -0.55 0.00	25.79 -0.58 0.00	27.29 -0.67 0.00	29.19 -0.72 0.00	30.04 -0.71 0.00	33.26 -0.75 0.00	36.14 -0.93 0.00	40.94 -1.01 0.00	49.00 -1.15 0.00	61.70 -1.52 0.00	72.78 -1.56 0.00	75.35 -1.38 0.00	67.51 -1.24 0.00	56.21 -0.86 0.00	48.94 -0.85 0.00	42.88 -0.79 0.00
DUNKIRK__115KV_TB_200 55889	35.27 0.25 0.00	30.56 0.69 0.00	28.16 0.74 0.00	26.15 0.59 0.00	25.59 0.38 0.00	26.20 0.49 0.00	25.89 0.08 0.00	25.50 -0.73 0.00	25.31 -1.05 0.00	25.21 -1.16 0.00	27.40 -0.56 0.00	29.69 -0.21 0.00	30.68 -0.06 0.00	34.04 0.03 0.00	37.11 0.04 0.00	41.99 0.04 0.00	51.25 1.10 0.00	64.54 1.33 0.00	75.46 1.12 0.00	77.88 1.15 0.00	69.23 0.48 0.00	56.61 -0.46 0.00	49.93 0.15 0.00	44.18 0.52 0.00
DUNKIRK___1 23563	35.27 0.25 0.00	30.56 0.69 0.00	28.16 0.74 0.00	26.15 0.59 0.00	25.59 0.38 0.00	26.20 0.49 0.00	25.89 0.08 0.00	25.50 -0.73 0.00	25.31 -1.05 0.00	25.21 -1.16 0.00	27.40 -0.56 0.00	29.69 -0.21 0.00	30.68 -0.06 0.00	34.04 0.03 0.00	37.11 0.04 0.00	41.99 0.04 0.00	51.25 1.10 0.00	64.54 1.33 0.00	75.46 1.12 0.00	77.88 1.15 0.00	69.23 0.48 0.00	56.61 -0.46 0.00	49.93 0.15 0.00	44.18 0.52 0.00
DUNKIRK___2 23564	35.27 0.25 0.00	30.56 0.69 0.00	28.16 0.74 0.00	26.15 0.59 0.00	25.59 0.38 0.00	26.20 0.49 0.00	25.89 0.08 0.00	25.50 -0.73 0.00	25.31 -1.05 0.00	25.21 -1.16 0.00	27.40 -0.56 0.00	29.69 -0.21 0.00	30.68 -0.06 0.00	34.04 0.03 0.00	37.11 0.04 0.00	41.99 0.04 0.00	51.25 1.10 0.00	64.54 1.33 0.00	75.46 1.12 0.00	77.88 1.15 0.00	69.23 0.48 0.00	56.61 -0.46 0.00	49.93 0.15 0.00	44.18 0.52 0.00
DUNKIRK___3 23565	35.10 0.07 0.00	30.42 0.54 0.00	28.03 0.60 0.00	26.03 0.46 0.00	25.47 0.25 0.00	26.07 0.36 0.00	25.76 -0.05 0.00	25.37 -0.87 0.00	25.18 -1.19 0.00	25.08 -1.29 0.00	27.26 -0.70 0.00	29.51 -0.39 0.00	30.50 -0.25 0.00	33.84 -0.17 0.00	36.88 -0.19 0.00	41.74 -0.21 0.00	50.95 0.80 0.00	64.16 0.95 0.00	74.94 0.59 0.00	77.34 0.61 0.00	68.75 0.00 0.00	56.21 -0.86 0.00	49.63 -0.15 0.00	43.97 0.31 0.00
DUNKIRK___4 23566	35.10 0.07 0.00	30.42 0.54 0.00	28.03 0.60 0.00	26.03 0.46 0.00	25.47 0.25 0.00	26.07 0.36 0.00	25.76 -0.05 0.00	25.37 -0.87 0.00	25.18 -1.19 0.00	25.08 -1.29 0.00	27.26 -0.70 0.00	29.51 -0.39 0.00	30.50 -0.25 0.00	33.84 -0.17 0.00	36.88 -0.19 0.00	41.74 -0.21 0.00	50.95 0.80 0.00	64.16 0.95 0.00	74.94 0.59 0.00	77.34 0.61 0.00	68.75 0.00 0.00	56.21 -0.86 0.00	49.63 -0.15 0.00	43.97 0.31 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.71 1.68 0.00	31.49 1.61 0.00	28.79 1.37 0.00	26.82 1.25 0.00	26.50 1.29 0.00	26.97 1.26 0.00	27.26 1.45 0.00	27.71 1.47 0.00	27.71 1.34 0.00	27.77 1.40 0.00	29.42 1.45 0.00	31.64 1.73 0.00	32.62 1.88 0.00	36.05 2.04 0.00	39.29 2.22 0.00	44.34 2.39 0.00	52.61 2.46 0.00	65.75 2.53 0.00	77.02 2.68 0.00	79.26 2.53 0.00	70.81 2.06 0.00	58.72 1.65 0.00	51.33 1.54 0.00	44.97 1.31 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.32 1.30 0.00	31.19 1.31 0.00	28.52 1.10 0.00	26.56 1.00 0.00	26.27 1.06 0.00	26.72 1.00 0.00	26.98 1.16 0.00	27.37 1.13 0.00	27.31 0.95 0.00	27.35 0.98 0.00	29.00 1.03 0.00	31.13 1.23 0.00	32.10 1.35 0.00	35.47 1.46 0.00	38.70 1.63 0.00	43.75 1.80 0.00	52.01 1.86 0.00	65.30 2.09 0.00	76.65 2.30 0.00	79.03 2.30 0.00	70.67 1.92 0.00	58.55 1.48 0.00	51.03 1.24 0.00	44.75 1.09 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	36.99 1.96 0.00	31.70 1.82 0.00	28.99 1.56 0.00	27.00 1.43 0.00	26.70 1.49 0.00	27.13 1.41 0.00	27.42 1.60 0.00	27.84 1.60 0.00	27.84 1.48 0.00	28.01 1.64 0.00	29.64 1.68 0.00	31.91 2.00 0.00	32.96 2.21 0.00	36.42 2.41 0.00	39.74 2.67 0.00	44.88 2.94 0.00	52.71 2.56 0.00	65.37 2.15 0.00	76.57 2.23 0.00	78.80 2.07 0.00	70.40 1.65 0.00	58.38 1.31 0.00	51.43 1.64 0.00	45.46 1.79 -0.01

E179THST_13_KV_LOAD 356214	37.16 2.14 0.00	31.85 1.97 0.00	29.12 1.70 0.00	27.10 1.53 0.00	26.80 1.59 0.00	27.23 1.52 0.00	27.54 1.73 0.00	27.94 1.71 0.00	27.97 1.61 0.00	28.14 1.77 0.00	29.78 1.82 0.00	32.06 2.15 0.00	33.11 2.37 0.00	36.62 2.62 0.00	39.96 2.89 0.00	45.09 3.15 0.00	53.01 2.86 0.00	65.75 2.53 0.00	76.95 2.60 0.00	79.26 2.53 0.00	70.81 2.06 0.00	58.72 1.65 0.00	51.67 1.89 0.00	45.72 2.05 -0.01
EAST HAMPTON___GT 23717	39.24 4.20 -0.01	33.34 3.46 0.00	30.55 3.13 0.00	28.12 2.56 0.00	27.71 2.50 0.00	28.11 2.39 0.00	28.16 2.35 0.00	28.84 2.60 0.00	28.71 2.35 0.00	29.40 3.03 0.00	31.60 3.63 -0.01	34.42 4.10 -0.42	37.80 4.40 -2.65	45.90 4.96 -6.93	47.08 5.52 -4.49	49.36 6.42 -0.99	56.58 6.42 -0.01	70.68 7.46 -0.01	81.71 7.36 0.00	82.55 5.83 0.00	73.21 4.47 0.00	60.72 3.66 0.00	51.92 2.14 0.00	46.98 3.32 0.00
EAST RIVER___6 23660	36.81 1.79 0.00	31.61 1.73 0.00	28.90 1.48 0.00	26.87 1.30 0.00	26.58 1.36 0.00	27.02 1.31 0.00	27.34 1.52 0.00	27.81 1.57 0.00	27.81 1.45 0.00	27.87 1.50 0.00	29.55 1.59 0.00	31.79 1.89 0.00	32.77 2.03 0.00	36.22 2.21 0.00	39.48 2.41 0.00	44.50 2.56 0.00	52.76 2.61 0.00	65.81 2.59 0.00	76.65 2.31 0.00	78.56 1.84 0.00	70.46 1.72 0.00	58.43 1.37 0.00	51.23 1.44 0.00	44.97 1.31 0.00
EAST RIVER___7 23524	36.81 1.79 0.00	31.61 1.73 0.00	28.90 1.48 0.00	26.87 1.30 0.00	26.58 1.36 0.00	27.02 1.31 0.00	27.34 1.52 0.00	27.81 1.57 0.00	27.81 1.45 0.00	27.87 1.50 0.00	29.55 1.59 0.00	31.79 1.89 0.00	32.77 2.03 0.00	36.22 2.21 0.00	39.48 2.41 0.00	44.50 2.56 0.00	52.76 2.61 0.00	65.81 2.59 0.00	76.65 2.31 0.00	78.56 1.84 0.00	70.46 1.72 0.00	58.43 1.37 0.00	51.23 1.44 0.00	44.97 1.31 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.60 1.58 0.00	31.40 1.52 0.00	28.74 1.32 0.00	26.74 1.18 0.00	26.45 1.24 0.00	26.90 1.18 0.00	27.18 1.37 0.00	27.63 1.39 0.00	27.60 1.24 0.00	27.69 1.32 0.00	29.33 1.37 0.00	31.52 1.61 0.00	32.50 1.75 0.00	35.91 1.90 0.00	39.14 2.08 0.00	44.17 2.22 0.00	52.41 2.26 0.00	65.56 2.34 0.00	76.80 2.45 0.00	79.10 2.38 0.00	70.60 1.86 0.00	58.55 1.48 0.00	51.18 1.39 0.00	44.88 1.22 0.00
EAST_HAMPTON___DIESEL 23722	39.27 4.24 -0.01	33.34 3.46 0.00	30.55 3.13 0.00	28.12 2.56 0.00	27.71 2.50 0.00	28.11 2.39 0.00	28.16 2.35 0.00	28.84 2.60 0.00	28.71 2.35 0.00	29.40 3.03 0.00	31.63 3.66 -0.01	34.45 4.13 -0.42	37.83 4.43 -2.65	45.90 4.96 -6.93	47.11 5.56 -4.49	49.36 6.42 -0.99	56.63 6.47 -0.01	70.68 7.46 -0.01	81.71 7.36 0.00	82.55 5.83 0.00	73.21 4.47 0.00	60.72 3.66 0.00	51.92 2.14 0.00	46.98 3.32 0.00
EAST_POINT___SOLAR 323840	38.07 3.05 0.00	32.54 2.66 0.00	29.89 2.47 0.00	27.79 2.22 0.00	27.38 2.17 0.00	28.00 2.29 0.00	27.70 1.88 0.00	26.95 0.71 0.00	26.34 -0.03 0.00	26.13 -0.24 0.00	27.60 -0.36 0.00	29.46 -0.45 0.00	30.41 -0.34 0.00	33.73 -0.27 0.00	36.96 -0.11 0.00	42.03 0.08 0.00	50.55 0.40 0.00	64.61 1.39 0.00	78.65 4.31 0.00	83.78 7.05 0.00	75.96 7.22 0.00	62.89 5.82 0.00	54.66 4.88 0.00	47.59 3.93 0.00
EAST_PULASKI___ESR 323781	34.99 -0.03 0.00	29.82 -0.06 0.00	27.42 0.00 0.00	25.57 0.00 0.00	25.17 -0.05 0.00	25.66 -0.05 0.00	25.64 -0.18 0.00	25.87 -0.37 0.00	25.84 -0.53 0.00	25.85 -0.53 0.00	27.40 -0.56 0.00	29.33 -0.57 0.00	30.13 -0.61 0.00	33.40 -0.61 0.00	36.33 -0.74 0.00	41.23 -0.71 0.00	49.25 -0.90 0.00	62.20 -1.01 0.00	73.75 -0.60 0.00	76.50 -0.23 0.00	68.47 -0.27 0.00	57.28 -0.28 -0.50	50.38 -0.15 -0.74	44.09 -0.22 -0.64
EAST_RIVER___1 323558	36.85 1.82 0.00	31.61 1.73 0.00	28.93 1.51 0.00	26.89 1.33 0.00	26.60 1.39 0.00	27.05 1.34 0.00	27.36 1.55 0.00	27.81 1.57 0.00	27.81 1.45 0.00	27.90 1.53 0.00	29.55 1.59 0.00	31.82 1.92 0.00	32.81 2.06 0.00	36.25 2.24 0.00	39.51 2.45 0.00	44.55 2.60 0.00	52.81 2.66 0.00	65.87 2.65 0.00	76.79 2.45 0.00	78.65 1.92 0.00	70.60 1.86 0.00	58.49 1.43 0.00	51.28 1.49 0.00	45.02 1.35 0.00
EAST_RIVER___2 323559	36.81 1.79 0.00	31.61 1.73 0.00	28.90 1.48 0.00	26.87 1.30 0.00	26.58 1.36 0.00	27.02 1.31 0.00	27.34 1.52 0.00	27.81 1.57 0.00	27.81 1.45 0.00	27.87 1.50 0.00	29.55 1.59 0.00	31.79 1.89 0.00	32.77 2.03 0.00	36.22 2.21 0.00	39.48 2.41 0.00	44.50 2.56 0.00	52.76 2.61 0.00	65.81 2.59 0.00	76.65 2.31 0.00	78.56 1.84 0.00	70.46 1.72 0.00	58.43 1.37 0.00	51.23 1.44 0.00	44.97 1.31 0.00
EAST___DELAWARE_HYD 23607	36.22 1.19 0.00	31.07 1.20 0.00	28.41 0.99 0.00	26.41 0.84 0.00	26.12 0.91 0.00	26.56 0.85 0.00	26.82 1.01 0.00	27.18 0.94 0.00	27.10 0.74 0.00	27.08 0.71 0.00	28.74 0.78 0.00	30.89 0.99 0.00	31.85 1.11 0.00	35.27 1.26 0.00	38.51 1.44 0.00	43.58 1.63 0.00	51.95 1.80 0.00	65.30 2.08 0.00	76.72 2.38 0.00	78.95 2.23 0.00	70.81 2.06 0.00	58.61 1.54 0.00	51.03 1.25 0.00	44.67 1.00 0.00
EIGHT_POINT___WT_PWR 323820	35.80 0.77 0.00	30.77 0.90 0.00	28.38 0.96 0.00	26.38 0.82 0.00	25.80 0.58 0.00	26.46 0.75 0.00	26.23 0.41 0.00	25.87 -0.37 0.00	25.60 -0.77 0.00	25.66 -0.71 0.00	27.37 -0.59 0.00	29.51 -0.39 0.00	30.50 -0.25 0.00	33.87 -0.14 0.00	36.99 -0.07 0.00	41.99 0.04 0.00	51.15 1.00 0.00	64.61 1.39 0.00	76.79 2.45 0.00	79.64 2.91 0.00	71.08 2.34 0.00	58.49 1.43 0.00	51.08 1.29 0.00	44.84 1.18 0.00
ELBRIDGE_115KV_TB2 80188	34.92 -0.11 0.00	29.88 0.00 0.00	27.48 0.05 0.00	25.62 0.05 0.00	25.19 -0.03 0.00	25.74 0.03 0.00	25.76 -0.05 0.00	26.00 -0.24 0.00	25.97 -0.40 0.00	25.98 -0.40 0.00	27.63 -0.34 0.00	29.54 -0.36 0.00	30.35 -0.40 0.00	33.63 -0.37 0.00	36.70 -0.37 0.00	41.57 -0.38 0.00	49.95 -0.20 0.00	62.96 -0.25 0.00	74.27 -0.07 0.00	76.80 0.08 0.00	68.61 -0.14 0.00	56.72 -0.34 0.00	49.48 -0.30 0.00	43.40 -0.26 0.00
ELEC_TRO_TEK 24086	37.30 2.28 0.00	31.85 1.97 0.00	29.10 1.67 0.00	27.00 1.43 0.00	26.65 1.44 0.00	27.08 1.36 0.00	27.26 1.45 0.00	27.79 1.55 0.00	27.71 1.34 0.00	28.03 1.66 0.00	29.81 1.85 0.00	32.42 2.09 -0.42	35.64 2.24 -2.65	43.35 2.41 -6.93	44.19 2.63 -4.49	45.79 2.85 -0.99	53.21 3.06 0.00	66.57 3.35 0.00	77.76 3.42 0.00	79.80 3.07 0.00	71.08 2.34 0.00	59.06 2.00 0.00	51.18 1.39 0.00	45.32 1.66 0.00
ELLENBURG_WT_PWR 323604	34.26 -0.77 0.00	28.98 -0.90 0.00	26.63 -0.80 0.00	24.93 -0.64 0.00	24.59 -0.63 0.00	25.04 -0.67 0.00	25.07 -0.75 0.00	25.74 -0.50 0.00	26.23 -0.13 0.00	26.29 -0.08 0.00	27.85 -0.11 0.00	29.81 -0.09 0.00	30.56 -0.18 0.00	33.84 -0.17 0.00	36.85 -0.22 0.00	41.78 -0.17 0.00	49.40 -0.75 0.00	62.52 -0.69 0.00	73.30 -1.04 0.00	76.34 -0.38 0.00	68.34 -0.41 0.00	56.84 -0.23 0.00	49.73 -0.05 0.00	43.97 0.31 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.03 0.00 0.00	30.30 0.42 0.00	27.97 0.55 0.00	25.95 0.38 0.00	25.39 0.18 0.00	25.97 0.26 0.00	25.66 -0.15 0.00	25.24 -1.00 0.00	25.02 -1.34 0.00	24.92 -1.45 0.00	27.10 -0.87 0.00	29.37 -0.54 0.00	30.32 -0.43 0.00	33.63 -0.37 0.00	36.70 -0.37 0.00	41.44 -0.50 0.00	50.65 0.50 0.00	63.72 0.51 0.00	74.42 0.07 0.00	76.65 -0.08 0.00	68.13 -0.62 0.00	55.75 -1.31 0.00	49.29 -0.50 0.00	43.84 0.17 0.00
EMPIRE_CC_1 323656	35.87 0.84 0.00	30.83 0.96 0.00	28.30 0.88 0.00	26.38 0.82 0.00	26.10 0.88 0.00	26.56 0.85 0.00	26.74 0.93 0.00	27.16 0.92 0.00	26.97 0.61 0.00	26.87 0.50 0.00	28.49 0.53 0.00	30.44 0.54 0.00	31.33 0.58 0.00	34.55 0.54 0.00	37.66 0.59 0.00	42.41 0.46 0.00	50.75 0.60 0.00	64.10 0.88 0.00	75.24 0.90 0.00	77.42 0.69 0.00	69.57 0.83 0.00	57.81 0.74 0.00	50.38 0.60 0.00	44.10 0.44 0.00
EMPIRE_CC_2 323658	35.87 0.84 0.00	30.83 0.96 0.00	28.30 0.88 0.00	26.38 0.82 0.00	26.10 0.88 0.00	26.56 0.85 0.00	26.74 0.93 0.00	27.16 0.92 0.00	26.97 0.61 0.00	26.87 0.50 0.00	28.49 0.53 0.00	30.44 0.54 0.00	31.33 0.58 0.00	34.55 0.54 0.00	37.66 0.59 0.00	42.41 0.46 0.00	50.75 0.60 0.00	64.10 0.88 0.00	75.24 0.90 0.00	77.42 0.69 0.00	69.57 0.83 0.00	57.81 0.74 0.00	50.38 0.60 0.00	44.10 0.44 0.00
ENORWICH_115KV_TB1 80156	37.37 2.35 0.00	31.97 2.09 0.00	29.37 1.95 0.00	27.38 1.82 0.00	27.01 1.79 0.00	27.62 1.90 0.00	27.54 1.73 0.00	27.52 1.29 0.00	27.18 0.82 0.00	26.98 0.61 0.00	28.55 0.59 0.00	30.65 0.75 0.00	31.70 0.95 0.00	35.30 1.29 0.00	38.55 1.48 0.00	44.04 2.10 0.00	53.26 3.11 0.00	67.26 4.05 0.00	80.74 6.39 0.00	84.25 7.52 0.00	75.21 6.46 0.00	62.09 5.02 0.00	53.87 4.08 0.00	46.94 3.27 0.00
ERIE_ST__34_KV_TB1-2 80199	34.82 -0.21 0.00	30.21 0.33 0.00	27.83 0.41 0.00	25.85 0.28 0.00	25.27 0.05 0.00	25.87 0.15 0.00	25.56 -0.26 0.00	25.16 -1.08 0.00	24.97 -1.40 0.00	24.90 -1.48 0.00	27.10 -0.87 0.00	29.37 -0.54 0.00	30.38 -0.37 0.00	33.73 -0.27 0.00	36.77 -0.30 0.00	41.65 -0.29 0.00	50.90 0.75 0.00	64.10 0.89 0.00	74.86 0.52 0.00	77.11 0.38 0.00	68.54 -0.21 0.00	55.98 -1.08 0.00	49.43 -0.35 0.00	43.79 0.13 0.00
ERIE_WT_PWR 323693	35.17 0.14 0.00	30.39 0.51 0.00	28.08 0.66 0.00	26.03 0.46 0.00	25.47 0.25 0.00	26.05 0.33 0.00	25.74 -0.08 0.00	25.32 -0.92 0.00	25.26 -1.11 0.00	25.37 -1.00 0.00	27.21 -0.75 0.00	29.48 -0.42 0.00	30.44 -0.31 0.00	33.80 -0.20 0.00	36.85 -0.22 0.00	41.65 -0.29 0.00	51.10 0.95 0.00	64.10 0.88 0.00	75.61 1.26 0.00	77.65 0.92 0.00	68.88 0.14 0.00	56.67 -0.40 0.00	49.73 -0.05 0.00	43.97 0.31 0.00
ESPRGFLD_115KV_TB1 80157	37.27 2.24 0.00	31.85 1.97 0.00	29.21 1.78 0.00	27.20 1.64 0.00	26.83 1.61 0.00	27.39 1.67 0.00	27.39 1.57 0.00	27.37 1.13 0.00	27.15 0.79 0.00	27.03 0.66 0.00	28.61 0.64 0.00	30.68 0.78 0.00	31.67 0.92 0.00	35.13 1.12 0.00	38.40 1.33 0.00	43.67 1.72 0.00	52.46 2.31 0.00	66.38 3.16 0.00	79.32 4.98 0.00	82.86 6.14 0.00	74.18 5.43 0.00	61.35 4.28 0.00	53.37 3.58 0.00	46.63 2.97 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	35.69 0.67 0.00	30.54 0.66 0.00	28.05 0.63 0.00	26.15 0.59 0.00	25.72 0.50 0.00	26.31 0.59 0.00	26.31 0.49 0.00	26.45 0.21 0.00	26.31 -0.05 0.00	26.27 -0.11 0.00	27.93 -0.03 0.00	29.90 0.00 0.00	30.81 0.06 0.00	34.14 0.14 0.00	37.25 0.19 0.00	42.28 0.34 0.00	50.95 0.80 0.00	64.42 1.20 0.00	76.28 1.93 0.00	79.18 2.46 0.00	70.67 1.92 0.00	58.38 1.31 0.00	50.88 1.10 0.00	44.53 0.87 0.00
ETNA____115KV_TB2 80207	35.69 0.67 0.00	30.54 0.66 0.00	28.05 0.63 0.00	26.15 0.59 0.00	25.72 0.50 0.00	26.31 0.59 0.00	26.31 0.49 0.00	26.45 0.21 0.00	26.31 -0.05 0.00	26.27 -0.11 0.00	27.93 -0.03 0.00	29.90 0.00 0.00	30.81 0.06 0.00	34.14 0.14 0.00	37.25 0.19 0.00	42.28 0.34 0.00	50.95 0.80 0.00	64.42 1.20 0.00	76.28 1.93 0.00	79.18 2.46 0.00	70.67 1.92 0.00	58.38 1.31 0.00	50.88 1.10 0.00	44.53 0.87 0.00
EUCLID___115KV_TB2 356179	34.71 -0.32 0.00	29.70 -0.18 0.00	27.34 -0.08 0.00	25.46 -0.10 0.00	25.06 -0.15 0.00	25.61 -0.10 0.00	25.63 -0.18 0.00	25.90 -0.34 0.00	25.86 -0.50 0.00	25.90 -0.47 0.00	27.51 -0.45 0.00	29.40 -0.51 0.00	30.22 -0.52 0.00	33.46 -0.54 0.00	36.44 -0.63 0.00	41.27 -0.67 0.00	49.55 -0.60 0.00	62.46 -0.76 0.00	73.67 -0.67 0.00	76.11 -0.61 0.00	67.99 -0.76 0.00	56.27 -0.80 0.00	49.09 -0.70 0.00	43.05 -0.61 0.00
E_CANADA_CAP_HY 24051	38.00 2.98 0.00	32.48 2.60 0.00	29.84 2.41 0.00	27.74 2.17 0.00	27.36 2.14 0.00	27.95 2.24 0.00	27.88 2.07 0.00	27.68 1.44 0.00	27.26 0.90 0.00	27.06 0.68 0.00	28.55 0.59 0.00	30.53 0.63 0.00	31.51 0.77 0.00	34.92 0.92 0.00	38.25 1.19 0.00	43.45 1.51 0.00	52.30 2.15 0.00	66.69 3.47 0.00	80.15 5.80 0.00	84.02 7.29 0.00	75.62 6.87 0.00	62.55 5.48 0.00	54.41 4.63 0.00	47.46 3.80 0.00
E_CANADA_MHWK_HY 24050	34.36 -0.67 0.00	29.34 -0.54 0.00	26.93 -0.49 0.00	25.08 -0.49 0.00	24.79 -0.43 0.00	25.28 -0.44 0.00	25.38 -0.44 0.00	25.77 -0.47 0.00	25.78 -0.58 0.00	25.77 -0.61 0.00	27.29 -0.67 0.00	29.19 -0.72 0.00	30.04 -0.71 0.00	33.26 -0.75 0.00	36.14 -0.93 0.00	40.94 -1.01 0.00	49.00 -1.15 0.00	61.70 -1.52 0.00	72.78 -1.56 0.00	75.27 -1.46 0.00	67.44 -1.31 0.00	56.15 -0.92 0.00	48.94 -0.85 0.00	42.83 -0.83 0.00
E_FISHKILL___LBMP 23776	36.25 1.23 0.00	31.13 1.25 0.00	28.52 1.10 0.00	26.56 1.00 0.00	26.25 1.03 0.00	26.72 1.00 0.00	26.98 1.16 0.00	27.39 1.15 0.00	27.34 0.98 0.00	27.37 1.00 0.00	29.00 1.03 0.00	31.10 1.20 0.00	32.07 1.32 0.00	35.40 1.39 0.00	38.59 1.52 0.00	43.58 1.64 0.00	51.80 1.65 0.00	64.99 1.77 0.00	76.20 1.86 0.00	78.49 1.76 0.00	70.19 1.44 0.00	58.21 1.14 0.00	50.83 1.05 0.00	44.62 0.96 0.00
FALCON___SEABRD_CC1 323796	34.57 -0.46 0.00	29.25 -0.63 0.00	26.87 -0.55 0.00	25.21 -0.36 0.00	24.84 -0.38 0.00	25.33 -0.38 0.00	25.30 -0.52 0.00	26.00 -0.24 0.00	26.47 0.11 0.00	26.58 0.21 0.00	28.18 0.22 0.00	30.14 0.24 0.00	30.90 0.15 0.00	34.21 0.21 0.00	37.22 0.15 0.00	42.28 0.33 0.00	49.50 -0.65 0.00	62.52 -0.69 0.00	73.30 -1.04 0.00	76.50 -0.23 0.00	68.47 -0.27 0.00	56.84 -0.23 0.00	49.88 0.10 0.00	44.49 0.83 0.00
FALCON___SEABRD_CC2 323797	34.57 -0.46 0.00	29.25 -0.63 0.00	26.87 -0.55 0.00	25.21 -0.36 0.00	24.84 -0.38 0.00	25.33 -0.38 0.00	25.30 -0.52 0.00	26.00 -0.24 0.00	26.47 0.11 0.00	26.58 0.21 0.00	28.18 0.22 0.00	30.14 0.24 0.00	30.90 0.15 0.00	34.21 0.21 0.00	37.22 0.15 0.00	42.28 0.33 0.00	49.50 -0.65 0.00	62.52 -0.69 0.00	73.30 -1.04 0.00	76.50 -0.23 0.00	68.47 -0.27 0.00	56.84 -0.23 0.00	49.88 0.10 0.00	44.49 0.83 0.00

FAR ROCKAWAY___4 23548	37.83 2.80 0.00	32.33 2.45 0.00	29.51 2.08 0.00	27.36 1.79 0.00	27.01 1.79 0.00	27.41 1.70 0.00	27.57 1.76 0.00	28.10 1.86 0.00	28.00 1.63 0.00	28.40 2.03 0.00	30.25 2.29 0.00	32.89 2.57 -0.42	36.17 2.77 -2.65	44.00 3.06 -6.93	44.93 3.37 -4.49	46.63 3.69 -0.99	54.26 4.11 0.00	67.96 4.74 0.00	79.40 5.06 0.00	81.41 4.68 0.00	72.53 3.78 0.00	60.20 3.14 0.00	52.12 2.34 0.00	46.15 2.49 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.85 1.82 0.00	31.61 1.73 0.00	28.88 1.45 0.00	26.90 1.33 0.00	26.60 1.39 0.00	27.05 1.34 0.00	27.36 1.55 0.00	27.81 1.57 0.00	27.87 1.50 0.00	27.95 1.58 0.00	29.56 1.59 0.00	31.82 1.91 0.00	32.81 2.06 0.00	36.25 2.24 0.00	39.52 2.45 0.00	44.59 2.64 0.00	52.86 2.71 0.00	65.87 2.66 0.00	77.09 2.75 0.00	79.33 2.61 0.00	70.88 2.13 0.00	58.72 1.65 0.00	51.43 1.64 0.00	45.10 1.44 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.85 1.82 0.00	31.61 1.73 0.00	28.88 1.45 0.00	26.90 1.33 0.00	26.60 1.39 0.00	27.05 1.34 0.00	27.39 1.57 0.00	27.84 1.60 0.00	27.87 1.50 0.00	27.95 1.58 0.00	29.58 1.62 0.00	31.82 1.91 0.00	32.81 2.06 0.00	36.28 2.28 0.00	39.52 2.45 0.00	44.59 2.64 0.00	52.86 2.71 0.00	65.87 2.66 0.00	77.09 2.75 0.00	79.33 2.61 0.00	70.88 2.13 0.00	58.72 1.65 0.00	51.48 1.69 0.00	45.10 1.44 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.81 1.79 0.00	31.58 1.70 0.00	28.88 1.45 0.00	26.87 1.30 0.00	26.60 1.39 0.00	27.05 1.34 0.00	27.36 1.55 0.00	27.81 1.57 0.00	27.84 1.48 0.00	27.93 1.56 0.00	29.56 1.59 0.00	31.79 1.88 0.00	32.78 2.03 0.00	36.25 2.24 0.00	39.48 2.41 0.00	44.55 2.60 0.00	52.81 2.66 0.00	65.81 2.59 0.00	77.02 2.68 0.00	79.26 2.53 0.00	70.81 2.06 0.00	58.66 1.60 0.00	51.43 1.64 0.00	45.06 1.40 0.00
FARRAGUT___LBMP 323566	36.81 1.79 0.00	31.58 1.70 0.00	28.85 1.43 0.00	26.87 1.30 0.00	26.58 1.36 0.00	27.03 1.31 0.00	27.34 1.52 0.00	27.79 1.55 0.00	27.81 1.45 0.00	27.93 1.56 0.00	29.53 1.57 0.00	31.76 1.85 0.00	32.78 2.03 0.00	36.22 2.21 0.00	39.48 2.41 0.00	44.50 2.56 0.00	52.76 2.61 0.00	65.75 2.53 0.00	76.95 2.60 0.00	79.18 2.46 0.00	70.74 1.99 0.00	58.61 1.54 0.00	51.38 1.59 0.00	45.06 1.40 0.00
FENNER___WINDPWR 24204	35.66 0.63 0.00	30.48 0.60 0.00	28.00 0.58 0.00	26.08 0.51 0.00	25.72 0.50 0.00	26.25 0.54 0.00	26.28 0.47 0.00	26.53 0.29 0.00	26.47 0.11 0.00	26.45 0.08 0.00	28.05 0.08 0.00	30.02 0.12 0.00	30.90 0.15 0.00	34.28 0.27 0.00	37.36 0.30 0.00	42.41 0.46 0.00	50.95 0.80 0.00	64.22 1.01 0.00	76.12 1.78 0.00	78.87 2.15 0.00	70.53 1.78 0.00	58.73 1.43 -0.24	51.23 1.09 -0.35	44.79 0.83 -0.31
FIBERTEK___ENERGY 23856	35.06 0.04 0.00	29.97 0.09 0.00	27.59 0.16 0.00	25.69 0.13 0.00	25.27 0.05 0.00	25.84 0.13 0.00	25.87 0.05 0.00	26.11 -0.13 0.00	26.07 -0.29 0.00	26.11 -0.26 0.00	27.77 -0.20 0.00	29.66 -0.24 0.00	30.50 -0.25 0.00	33.77 -0.24 0.00	36.85 -0.22 0.00	41.74 -0.21 0.00	50.15 0.00 0.00	63.22 0.00 0.00	74.57 0.22 0.00	77.19 0.46 0.00	68.88 0.14 0.00	57.01 -0.06 0.00	49.68 -0.10 0.00	43.57 -0.09 0.00
FITZPATRICK___ 23598	34.19 -0.84 0.00	29.25 -0.63 0.00	26.93 -0.49 0.00	25.11 -0.46 0.00	24.71 -0.50 0.00	25.22 -0.49 0.00	25.30 -0.52 0.00	25.58 -0.65 0.00	25.60 -0.77 0.00	25.63 -0.74 0.00	27.21 -0.75 0.00	29.01 -0.90 0.00	29.79 -0.95 0.00	32.95 -1.05 0.00	35.92 -1.15 0.00	40.64 -1.30 0.00	48.75 -1.40 0.00	61.45 -1.77 0.00	72.49 -1.86 0.00	74.81 -1.92 0.00	66.89 -1.85 0.00	55.47 -1.60 0.00	48.39 -1.39 0.00	42.39 -1.27 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.60 1.58 0.00	31.43 1.55 0.00	28.74 1.32 0.00	26.77 1.20 0.00	26.48 1.26 0.00	26.92 1.21 0.00	27.21 1.39 0.00	27.58 1.34 0.00	27.50 1.13 0.00	27.51 1.13 0.00	29.16 1.20 0.00	31.31 1.41 0.00	32.28 1.54 0.00	35.71 1.70 0.00	39.03 1.96 0.00	44.08 2.14 0.00	52.51 2.36 0.00	66.00 2.78 0.00	77.54 3.20 0.00	79.87 3.15 0.00	71.43 2.68 0.00	59.12 2.05 0.00	51.53 1.74 0.00	45.15 1.48 0.00
FORT ORANGE___ 23900	35.69 0.66 0.00	30.65 0.78 0.00	28.16 0.74 0.00	26.36 0.79 0.00	26.02 0.81 0.00	26.51 0.80 0.00	26.69 0.88 0.00	27.05 0.81 0.00	26.73 0.37 0.00	26.64 0.26 0.00	28.24 0.28 0.00	30.17 0.27 0.00	31.08 0.34 0.00	34.31 0.31 0.00	37.48 0.41 0.00	42.28 0.33 0.00	50.55 0.40 0.00	63.98 0.76 0.00	75.24 0.90 0.00	77.49 0.77 0.00	69.64 0.89 0.00	57.81 0.74 0.00	50.38 0.60 0.00	44.05 0.39 0.00
FORT_DRUM_COGEN 23780	36.08 1.05 0.00	30.45 0.57 0.00	27.97 0.55 0.00	26.08 0.51 0.00	25.75 0.53 0.00	26.25 0.54 0.00	26.18 0.36 0.00	26.34 0.10 0.00	26.23 -0.13 0.00	26.08 -0.29 0.00	27.57 -0.39 0.00	29.54 -0.36 0.00	30.41 -0.34 0.00	33.73 -0.27 0.00	36.74 -0.33 0.00	41.86 -0.08 0.00	50.30 0.15 0.00	63.66 0.44 0.00	76.35 2.01 0.00	80.03 3.30 0.00	71.77 3.02 0.00	61.35 2.68 -1.60	54.13 1.94 -2.41	47.27 1.53 -2.08
FOX_HILLS___ESR 323835	29.37 2.28 7.93	31.97 2.09 0.00	29.23 1.81 0.00	27.20 1.64 0.00	26.91 1.69 0.00	27.28 1.57 0.00	27.54 1.73 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.06 1.69 0.00	29.70 1.73 0.00	31.97 2.06 0.00	32.90 2.15 0.00	36.39 2.38 0.00	39.59 2.52 0.00	44.67 2.73 0.00	52.46 2.31 0.00	65.18 1.96 0.00	76.35 2.01 0.00	78.57 1.84 0.00	70.19 1.44 0.00	58.21 1.14 0.00	51.28 1.49 0.00	45.36 1.70 0.00
FPL_FAR_ROCK_GT1 24212	37.84 2.80 -0.01	32.33 2.45 0.00	29.59 2.17 0.00	27.35 1.79 0.00	27.01 1.79 0.00	27.41 1.70 0.00	27.57 1.76 0.00	28.10 1.86 0.00	28.00 1.64 0.00	28.35 1.98 0.00	30.26 2.29 -0.01	32.89 2.57 -0.42	36.17 2.77 -2.65	44.00 3.06 -6.93	44.93 3.37 -4.49	46.67 3.73 -0.99	53.77 3.61 -0.01	67.08 3.86 -0.01	77.99 3.64 0.00	79.41 2.68 0.00	71.22 2.47 0.00	59.12 2.05 0.00	51.17 1.39 0.00	45.76 2.10 0.00
FPL_FAR_ROCK_GT2 23815	37.84 2.80 -0.01	32.33 2.45 0.00	29.59 2.17 0.00	27.35 1.79 0.00	27.01 1.79 0.00	27.41 1.70 0.00	27.57 1.76 0.00	28.10 1.86 0.00	28.00 1.64 0.00	28.35 1.98 0.00	30.26 2.29 -0.01	32.89 2.57 -0.42	36.17 2.77 -2.65	44.00 3.06 -6.93	44.93 3.37 -4.49	46.67 3.73 -0.99	53.77 3.61 -0.01	67.08 3.86 -0.01	77.99 3.64 0.00	79.41 2.68 0.00	71.22 2.47 0.00	59.12 2.05 0.00	51.17 1.39 0.00	45.76 2.10 0.00
FRANKLIN_FALL_HYD 24054	34.71 -0.32 0.00	29.34 -0.54 0.00	26.96 -0.47 0.00	25.28 -0.28 0.00	24.94 -0.28 0.00	25.41 -0.31 0.00	25.35 -0.46 0.00	26.08 -0.16 0.00	26.57 0.21 0.00	26.69 0.32 0.00	28.30 0.34 0.00	30.26 0.36 0.00	30.99 0.25 0.00	34.35 0.34 0.00	37.37 0.30 0.00	42.49 0.55 0.00	50.20 0.05 0.00	63.85 0.63 0.00	74.79 0.45 0.00	77.95 1.23 0.00	69.98 1.24 0.00	60.04 1.14 -1.83	53.48 0.95 -2.75	46.96 0.92 -2.38

FRESHKLS_33_KV_LOAD 356253	29.51 2.42 7.93	32.09 2.21 0.00	29.32 1.89 0.00	27.30 1.74 0.00	26.98 1.77 0.00	27.36 1.65 0.00	27.60 1.78 0.00	27.94 1.71 0.00	27.92 1.56 0.00	28.11 1.74 0.00	29.75 1.79 0.00	32.03 2.12 0.00	32.96 2.21 0.00	36.45 2.45 0.00	39.59 2.52 0.00	44.67 2.73 0.00	52.35 2.21 0.01	65.05 1.83 0.00	76.28 1.93 0.00	78.57 1.84 0.00	70.19 1.44 0.00	58.15 1.08 0.00	51.23 1.44 0.00	45.41 1.75 0.00
FULTON COGEN____ 23766	34.68 -0.35 0.00	29.64 -0.24 0.00	27.29 -0.14 0.00	25.44 -0.13 0.00	25.01 -0.20 0.00	25.56 -0.15 0.00	25.58 -0.23 0.00	25.85 -0.39 0.00	25.84 -0.53 0.00	25.85 -0.53 0.00	27.49 -0.48 0.00	29.34 -0.57 0.00	30.13 -0.61 0.00	33.36 -0.65 0.00	36.36 -0.70 0.00	41.19 -0.76 0.00	49.45 -0.70 0.00	62.27 -0.95 0.00	73.45 -0.89 0.00	75.96 -0.77 0.00	67.92 -0.82 0.00	56.21 -0.86 0.00	48.99 -0.80 0.00	43.01 -0.65 0.00
FULTON____LFGFE 323630	37.66 2.63 0.00	32.18 2.30 0.00	29.59 2.17 0.00	27.51 1.94 0.00	27.13 1.92 0.00	27.72 2.01 0.00	27.70 1.88 0.00	27.52 1.29 0.00	27.02 0.66 0.00	26.71 0.34 0.00	28.13 0.17 0.00	30.02 0.12 0.00	30.96 0.22 0.00	34.31 0.31 0.00	37.63 0.56 0.00	42.78 0.84 0.00	51.61 1.46 0.00	66.06 2.85 0.00	79.47 5.13 0.00	83.24 6.52 0.00	74.86 6.12 0.00	61.97 4.91 0.00	53.91 4.13 0.00	47.02 3.36 0.00
G.F.CEMENT____DRP 24184	36.64 1.61 0.00	31.31 1.43 0.00	28.77 1.34 0.00	26.79 1.23 0.00	26.40 1.19 0.00	26.97 1.26 0.00	27.13 1.32 0.00	27.34 1.10 0.00	27.08 0.71 0.00	26.98 0.61 0.00	28.33 0.36 0.00	30.26 0.36 0.00	31.21 0.46 0.00	34.52 0.51 0.00	37.74 0.67 0.00	42.74 0.80 0.00	51.35 1.20 0.00	65.37 2.15 0.00	77.91 3.57 0.00	80.72 3.99 0.00	72.39 3.64 0.00	59.98 2.91 0.00	52.22 2.44 0.00	45.49 1.83 0.00
GARDENVILLE____LBMP 24039	35.03 0.00 0.00	30.33 0.45 0.00	27.97 0.55 0.00	25.97 0.41 0.00	25.42 0.20 0.00	26.00 0.28 0.00	25.69 -0.13 0.00	25.27 -0.97 0.00	25.05 -1.32 0.00	24.92 -1.45 0.00	27.12 -0.84 0.00	29.40 -0.51 0.00	30.35 -0.40 0.00	33.67 -0.34 0.00	36.74 -0.33 0.00	41.53 -0.42 0.00	50.75 0.60 0.00	63.85 0.63 0.00	74.57 0.22 0.00	76.88 0.15 0.00	68.33 -0.41 0.00	55.87 -1.20 0.00	49.38 -0.40 0.00	43.88 0.22 0.00
GARDNVLA_35_KV_LD 355827	35.17 0.14 0.00	30.42 0.54 0.00	28.08 0.66 0.00	26.05 0.49 0.00	25.49 0.28 0.00	26.07 0.36 0.00	25.76 -0.05 0.00	25.35 -0.89 0.00	25.15 -1.21 0.00	25.05 -1.32 0.00	27.26 -0.70 0.00	29.54 -0.36 0.00	30.53 -0.22 0.00	33.90 -0.10 0.00	36.96 -0.11 0.00	41.78 -0.17 0.00	51.05 0.90 0.00	64.23 1.01 0.00	75.01 0.67 0.00	77.34 0.61 0.00	68.68 -0.07 0.00	56.15 -0.91 0.00	49.63 -0.15 0.00	44.05 0.39 0.00
GELCKHM__115KV_LOAD 80723	34.85 -0.18 0.00	29.79 -0.09 0.00	27.42 0.00 0.00	25.54 -0.03 0.00	25.14 -0.08 0.00	25.69 -0.03 0.00	25.71 -0.10 0.00	25.95 -0.29 0.00	25.94 -0.42 0.00	25.98 -0.40 0.00	27.60 -0.36 0.00	29.51 -0.39 0.00	30.32 -0.43 0.00	33.56 -0.44 0.00	36.59 -0.48 0.00	41.44 -0.50 0.00	49.80 -0.35 0.00	62.77 -0.44 0.00	74.05 -0.30 0.00	76.50 -0.23 0.00	68.33 -0.41 0.00	56.55 -0.51 0.00	49.33 -0.45 0.00	43.22 -0.44 0.00
GENERAL____MILLS 23808	35.10 0.07 0.00	30.36 0.48 0.00	28.03 0.60 0.00	26.00 0.43 0.00	25.44 0.23 0.00	26.05 0.33 0.00	25.74 -0.08 0.00	25.29 -0.94 0.00	25.10 -1.27 0.00	25.00 -1.37 0.00	27.21 -0.75 0.00	29.46 -0.45 0.00	30.44 -0.31 0.00	33.77 -0.24 0.00	36.85 -0.22 0.00	41.65 -0.29 0.00	50.90 0.75 0.00	64.04 0.82 0.00	74.79 0.45 0.00	77.11 0.38 0.00	68.47 -0.27 0.00	56.04 -1.03 0.00	49.53 -0.25 0.00	43.97 0.31 0.00
GE_PLASTICS____DRP 24183	35.59 0.56 0.00	30.56 0.69 0.00	28.16 0.74 0.00	26.23 0.66 0.00	25.90 0.68 0.00	26.38 0.67 0.00	26.56 0.75 0.00	26.95 0.71 0.00	26.76 0.40 0.00	26.72 0.34 0.00	28.27 0.31 0.00	30.23 0.33 0.00	31.15 0.40 0.00	34.38 0.37 0.00	37.51 0.44 0.00	42.32 0.38 0.00	50.55 0.40 0.00	63.79 0.57 0.00	74.94 0.59 0.00	77.34 0.61 0.00	69.23 0.48 0.00	57.58 0.51 0.00	50.23 0.45 0.00	43.97 0.31 0.00
GILBOA____1 23756	35.76 0.74 0.00	30.68 0.81 0.00	28.16 0.74 0.00	26.26 0.69 0.00	25.92 0.71 0.00	26.41 0.69 0.00	26.59 0.77 0.00	27.00 0.76 0.00	26.92 0.55 0.00	26.87 0.50 0.00	28.49 0.53 0.00	30.47 0.57 0.00	31.39 0.65 0.00	34.69 0.68 0.00	37.81 0.74 0.00	42.70 0.76 0.00	50.95 0.80 0.00	63.91 0.70 0.00	74.72 0.37 0.00	76.80 0.08 0.00	69.29 0.55 0.00	57.69 0.63 0.00	50.33 0.55 0.00	44.10 0.44 0.00
GILBOA____2 23757	35.76 0.74 0.00	30.68 0.81 0.00	28.16 0.74 0.00	26.26 0.69 0.00	25.92 0.71 0.00	26.41 0.69 0.00	26.59 0.77 0.00	27.00 0.76 0.00	26.92 0.55 0.00	26.87 0.50 0.00	28.49 0.53 0.00	30.47 0.57 0.00	31.39 0.65 0.00	34.69 0.68 0.00	37.81 0.74 0.00	42.70 0.76 0.00	50.95 0.80 0.00	63.91 0.70 0.00	74.72 0.37 0.00	76.80 0.08 0.00	69.29 0.55 0.00	57.69 0.63 0.00	50.33 0.55 0.00	44.10 0.44 0.00
GILBOA____3 23758	35.76 0.74 0.00	30.68 0.81 0.00	28.16 0.74 0.00	26.26 0.69 0.00	25.92 0.71 0.00	26.41 0.69 0.00	26.59 0.77 0.00	27.00 0.76 0.00	26.92 0.55 0.00	26.87 0.50 0.00	28.49 0.53 0.00	30.47 0.57 0.00	31.39 0.65 0.00	34.69 0.68 0.00	37.81 0.74 0.00	42.70 0.76 0.00	50.95 0.80 0.00	63.91 0.70 0.00	74.72 0.37 0.00	76.80 0.08 0.00	69.29 0.55 0.00	57.69 0.63 0.00	50.33 0.55 0.00	44.10 0.44 0.00
GILBOA____4 23759	35.76 0.74 0.00	30.68 0.81 0.00	28.16 0.74 0.00	26.26 0.69 0.00	25.92 0.71 0.00	26.41 0.69 0.00	26.59 0.77 0.00	27.00 0.76 0.00	26.92 0.55 0.00	26.87 0.50 0.00	28.49 0.53 0.00	30.47 0.57 0.00	31.39 0.65 0.00	34.69 0.68 0.00	37.81 0.74 0.00	42.70 0.76 0.00	50.95 0.80 0.00	63.91 0.70 0.00	74.72 0.37 0.00	76.80 0.08 0.00	69.29 0.55 0.00	57.69 0.63 0.00	50.33 0.55 0.00	44.10 0.44 0.00

GILBOA____ 23599	35.76 0.74 0.00	30.68 0.81 0.00	28.16 0.74 0.00	26.26 0.69 0.00	25.92 0.71 0.00	26.41 0.69 0.00	26.59 0.77 0.00	27.00 0.76 0.00	26.92 0.55 0.00	26.93 0.55 0.00	28.49 0.53 0.00	30.50 0.60 0.00	31.39 0.65 0.00	34.69 0.68 0.00	37.81 0.74 0.00	42.70 0.76 0.00	50.95 0.80 0.00	63.91 0.70 0.00	74.79 0.45 0.00	77.11 0.38 0.00	69.09 0.34 0.00	57.75 0.68 0.00	50.43 0.65 0.00	44.14 0.48 0.00
GINNA____ 23603	33.73 -1.30 0.00	28.86 -1.02 0.00	26.60 -0.82 0.00	24.65 -0.92 0.00	24.31 -0.91 0.00	24.81 -0.90 0.00	24.76 -1.06 0.00	24.77 -1.47 0.00	24.73 -1.63 0.00	24.82 -1.56 0.00	26.54 -1.43 0.00	28.53 -1.38 0.00	29.33 -1.41 0.00	32.61 -1.40 0.00	35.66 -1.41 0.00	40.39 -1.55 0.00	48.90 -1.25 0.00	61.70 -1.52 0.00	72.93 -1.41 0.00	75.11 -1.61 0.00	66.82 -1.92 0.00	55.18 -1.88 0.00	48.04 -1.74 0.00	42.26 -1.40 0.00
GLEN PARK____ 23778	36.22 1.19 0.00	30.48 0.60 0.00	28.03 0.60 0.00	26.10 0.54 0.00	25.80 0.58 0.00	26.31 0.59 0.00	26.20 0.39 0.00	26.34 0.11 0.00	26.21 -0.16 0.00	26.06 -0.32 0.00	27.49 -0.48 0.00	29.46 -0.45 0.00	30.35 -0.40 0.00	33.67 -0.34 0.00	36.66 -0.41 0.00	41.82 -0.13 0.00	50.20 0.05 0.00	63.60 0.38 0.00	76.50 2.16 0.00	80.33 3.61 0.00	72.05 3.30 0.00	61.55 2.97 -1.52	54.25 2.19 -2.28	47.25 1.62 -1.97
GLENDALE_27_KV_LOAD 356172	37.13 2.10 0.00	31.85 1.97 0.00	29.12 1.70 0.00	27.10 1.53 0.00	26.80 1.59 0.00	27.23 1.52 0.00	27.54 1.73 0.00	27.97 1.73 0.00	28.00 1.63 0.00	28.17 1.79 0.00	29.81 1.85 0.00	32.06 2.15 0.00	33.05 2.31 0.00	36.56 2.55 0.00	39.85 2.78 0.00	44.92 2.98 0.00	52.96 2.81 0.00	65.75 2.53 0.00	77.02 2.68 0.00	79.26 2.53 0.00	70.81 2.06 0.00	58.66 1.60 0.00	51.58 1.79 0.00	45.49 1.83 0.00
GLENWOOD_IC_1_G5 23712	37.20 2.17 0.00	31.85 1.97 0.00	29.10 1.67 0.00	27.02 1.46 0.00	26.68 1.46 0.00	27.13 1.41 0.00	27.34 1.52 0.00	27.84 1.60 0.00	27.79 1.42 0.00	28.03 1.66 0.00	29.81 1.85 0.00	32.48 2.15 -0.42	35.71 2.31 -2.65	43.45 2.52 -6.93	44.30 2.74 -4.49	45.96 3.02 -0.99	53.36 3.21 0.00	66.31 3.10 0.00	77.54 3.20 0.00	79.64 2.92 0.00	71.01 2.27 0.00	58.89 1.83 0.00	51.48 1.69 0.00	45.41 1.75 0.00
GLENWOOD_IC_2_G1 23688	37.00 1.96 -0.01	31.70 1.82 0.00	29.01 1.59 0.00	26.89 1.33 0.00	26.58 1.36 0.00	27.02 1.31 0.00	27.29 1.47 0.00	27.76 1.52 0.00	27.68 1.32 0.00	27.85 1.48 0.00	29.65 1.68 -0.01	32.27 1.94 -0.42	35.46 2.06 -2.65	43.21 2.28 -6.93	44.00 2.45 -4.49	45.63 2.69 -0.99	52.76 2.61 -0.01	65.82 2.59 -0.01	76.72 2.38 0.00	78.41 1.69 0.00	70.33 1.58 0.00	58.38 1.31 0.00	50.88 1.09 0.00	44.97 1.31 0.00
GLENWOOD_IC_3_G1 23689	37.00 1.96 -0.01	31.70 1.82 0.00	29.01 1.59 0.00	26.89 1.33 0.00	26.58 1.36 0.00	27.02 1.31 0.00	27.29 1.47 0.00	27.76 1.52 0.00	27.68 1.32 0.00	27.85 1.48 0.00	29.65 1.68 -0.01	32.27 1.94 -0.42	35.46 2.06 -2.65	43.21 2.28 -6.93	44.00 2.45 -4.49	45.63 2.69 -0.99	52.76 2.61 -0.01	65.82 2.59 -0.01	76.72 2.38 0.00	78.41 1.69 0.00	70.33 1.58 0.00	58.38 1.31 0.00	50.88 1.09 0.00	44.97 1.31 0.00
GLENWOOD____4 23550	37.20 2.17 0.00	31.85 1.97 0.00	29.10 1.67 0.00	27.02 1.46 0.00	26.68 1.46 0.00	27.13 1.41 0.00	27.34 1.52 0.00	27.84 1.60 0.00	27.79 1.42 0.00	28.03 1.66 0.00	29.81 1.85 0.00	32.48 2.15 -0.42	35.71 2.31 -2.65	43.45 2.52 -6.93	44.30 2.74 -4.49	45.96 3.02 -0.99	53.36 3.21 0.00	66.50 3.29 0.00	77.69 3.35 0.00	79.80 3.07 0.00	71.15 2.41 0.00	59.06 2.00 0.00	51.48 1.69 0.00	45.41 1.75 0.00
GLENWOOD____5 23614	37.20 2.17 0.00	31.85 1.97 0.00	29.10 1.67 0.00	27.02 1.46 0.00	26.68 1.46 0.00	27.13 1.41 0.00	27.34 1.52 0.00	27.84 1.60 0.00	27.79 1.42 0.00	28.03 1.66 0.00	29.81 1.85 0.00	32.48 2.15 -0.42	35.71 2.31 -2.65	43.45 2.52 -6.93	44.30 2.74 -4.49	45.96 3.02 -0.99	53.36 3.21 0.00	66.50 3.29 0.00	77.69 3.35 0.00	79.80 3.07 0.00	71.15 2.41 0.00	59.06 2.00 0.00	51.48 1.69 0.00	45.41 1.75 0.00
GLOBAL GREEN_PORT_GT1 23814	39.06 4.03 -0.01	33.19 3.32 0.00	30.41 2.99 0.00	28.00 2.43 0.00	27.59 2.37 0.00	27.98 2.26 0.00	28.06 2.24 0.00	28.70 2.47 0.00	28.58 2.21 0.00	29.25 2.88 0.00	31.44 3.47 -0.01	34.24 3.92 -0.42	37.61 4.21 -2.65	45.66 4.73 -6.93	46.86 5.30 -4.49	49.11 6.17 -0.99	56.27 6.12 -0.01	70.24 7.02 -0.01	81.26 6.92 0.00	82.17 5.45 0.00	73.01 4.26 0.00	60.55 3.48 0.00	51.78 1.99 0.00	46.76 3.10 0.00
GLOBE____DSASP 323697	34.85 -0.18 0.00	29.55 -0.33 0.00	27.31 -0.11 0.00	25.34 -0.23 0.00	24.84 -0.38 0.00	25.35 -0.36 0.00	25.07 -0.75 0.00	24.74 -1.50 0.00	24.41 -1.95 0.00	24.26 -2.11 0.00	26.42 -1.54 0.00	28.59 -1.32 0.00	29.52 -1.23 0.00	32.71 -1.29 0.00	35.70 -1.37 0.00	40.27 -1.68 0.00	49.25 -0.90 0.00	61.89 -1.33 0.00	72.11 -2.23 0.00	74.27 -2.46 0.00	66.00 -2.75 0.00	53.98 -3.08 0.00	47.79 -1.99 0.00	42.66 -1.00 0.00
GOETHSLN____LBMP 323567	28.67 1.58 7.93	31.40 1.52 0.00	28.68 1.26 0.00	26.74 1.18 0.00	26.45 1.24 0.00	26.90 1.18 0.00	27.24 1.42 0.00	27.71 1.47 0.00	27.73 1.37 0.00	27.85 1.48 0.00	29.42 1.45 0.00	31.67 1.76 0.00	32.65 1.91 0.00	36.11 2.11 0.00	39.33 2.26 0.00	44.34 2.39 0.00	52.51 2.36 0.00	65.43 2.21 0.00	76.57 2.23 0.00	78.72 1.99 0.00	70.33 1.58 0.00	58.26 1.20 0.00	51.08 1.29 0.00	44.79 1.14 0.01
GOLAH____69_KV_TB 1_2 80279	35.34 0.32 0.00	30.36 0.48 0.00	28.03 0.60 0.00	25.97 0.41 0.00	25.57 0.35 0.00	26.10 0.39 0.00	25.97 0.15 0.00	25.77 -0.47 0.00	25.60 -0.76 0.00	25.55 -0.82 0.00	27.54 -0.42 0.00	29.66 -0.24 0.00	30.53 -0.22 0.00	33.90 -0.10 0.00	37.07 0.00 0.00	42.03 0.08 0.00	51.05 0.90 0.00	64.42 1.20 0.00	75.76 1.41 0.00	78.26 1.53 0.00	69.71 0.96 0.00	57.35 0.29 0.00	50.18 0.40 0.00	44.40 0.74 0.00
GOODYEAR_LAKE_HYD 323669	36.32 1.30 0.00	31.10 1.22 0.00	28.52 1.10 0.00	26.56 1.00 0.00	26.20 0.98 0.00	26.74 1.03 0.00	26.80 0.98 0.00	26.97 0.73 0.00	26.89 0.53 0.00	26.85 0.47 0.00	28.47 0.50 0.00	30.56 0.66 0.00	31.51 0.77 0.00	34.96 0.95 0.00	38.14 1.07 0.00	43.29 1.34 0.00	51.96 1.81 0.00	65.37 2.15 0.00	77.54 3.20 0.00	80.49 3.76 0.00	71.91 3.16 0.00	59.52 2.45 0.00	51.77 1.99 0.00	45.32 1.66 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	35.31 0.28 0.00	30.27 0.39 0.00	27.81 0.38 0.00	25.92 0.36 0.00	25.47 0.25 0.00	26.05 0.33 0.00	26.02 0.21 0.00	26.16 -0.08 0.00	26.07 -0.29 0.00	26.06 -0.32 0.00	27.79 -0.17 0.00	29.84 -0.06 0.00	30.72 -0.03 0.00	34.04 0.03 0.00	37.14 0.07 0.00	42.07 0.13 0.00	50.65 0.50 0.00	63.85 0.63 0.00	75.24 0.89 0.00	77.88 1.15 0.00	69.50 0.76 0.00	57.35 0.29 0.00	50.08 0.30 0.00	43.92 0.26 0.00

GOUDEY___7 23579	35.31 0.28 0.00	30.27 0.39 0.00	27.81 0.38 0.00	25.92 0.36 0.00	25.47 0.25 0.00	26.05 0.33 0.00	26.02 0.21 0.00	26.16 -0.08 0.00	26.07 -0.29 0.00	26.06 -0.32 0.00	27.79 -0.17 0.00	29.84 -0.06 0.00	30.72 -0.03 0.00	34.04 0.03 0.00	37.14 0.07 0.00	42.07 0.13 0.00	50.65 0.50 0.00	63.85 0.63 0.00	75.24 0.89 0.00	77.88 1.15 0.00	69.50 0.76 0.00	57.35 0.29 0.00	50.08 0.30 0.00	43.92 0.26 0.00
GOUDEY___8 23580	35.31 0.28 0.00	30.27 0.39 0.00	27.81 0.38 0.00	25.92 0.36 0.00	25.47 0.25 0.00	26.05 0.33 0.00	26.02 0.21 0.00	26.16 -0.08 0.00	26.07 -0.29 0.00	26.06 -0.32 0.00	27.79 -0.17 0.00	29.84 -0.06 0.00	30.72 -0.03 0.00	34.04 0.03 0.00	37.14 0.07 0.00	42.07 0.13 0.00	50.65 0.50 0.00	63.85 0.63 0.00	75.24 0.89 0.00	77.88 1.15 0.00	69.50 0.76 0.00	57.35 0.29 0.00	50.08 0.30 0.00	43.92 0.26 0.00
GOWANUS_GT1_1 24077	37.23 2.21 0.00	31.91 2.03 0.00	29.18 1.76 0.00	27.15 1.59 0.00	26.85 1.64 0.00	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.89 1.53 0.00	28.09 1.71 0.00	29.72 1.76 0.00	32.00 2.09 0.00	32.96 2.21 0.00	36.45 2.45 0.00	39.66 2.59 0.00	44.76 2.81 0.00	52.66 2.51 0.00	65.43 2.21 0.00	76.65 2.30 0.00	78.87 2.15 0.00	70.46 1.72 0.00	58.38 1.31 0.00	51.43 1.64 0.00	45.45 1.79 0.00
GOWANUS_GT1_2 24078	37.23 2.21 0.00	31.91 2.03 0.00	29.18 1.76 0.00	27.15 1.59 0.00	26.85 1.64 0.00	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.89 1.53 0.00	28.09 1.71 0.00	29.72 1.76 0.00	32.00 2.09 0.00	32.96 2.21 0.00	36.45 2.45 0.00	39.66 2.59 0.00	44.76 2.81 0.00	52.66 2.51 0.00	65.43 2.21 0.00	76.65 2.30 0.00	78.87 2.15 0.00	70.46 1.72 0.00	58.38 1.31 0.00	51.43 1.64 0.00	45.45 1.79 0.00
GOWANUS_GT1_3 24079	37.23 2.21 0.00	31.91 2.03 0.00	29.18 1.76 0.00	27.15 1.59 0.00	26.85 1.64 0.00	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.89 1.53 0.00	28.09 1.71 0.00	29.72 1.76 0.00	32.00 2.09 0.00	32.96 2.21 0.00	36.45 2.45 0.00	39.66 2.59 0.00	44.76 2.81 0.00	52.66 2.51 0.00	65.43 2.21 0.00	76.65 2.30 0.00	78.87 2.15 0.00	70.46 1.72 0.00	58.38 1.31 0.00	51.43 1.64 0.00	45.45 1.79 0.00
GOWANUS_GT1_4 24080	37.23 2.21 0.00	31.91 2.03 0.00	29.18 1.76 0.00	27.15 1.59 0.00	26.85 1.64 0.00	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.89 1.53 0.00	28.09 1.71 0.00	29.72 1.76 0.00	32.00 2.09 0.00	32.96 2.21 0.00	36.45 2.45 0.00	39.66 2.59 0.00	44.76 2.81 0.00	52.66 2.51 0.00	65.43 2.21 0.00	76.65 2.30 0.00	78.87 2.15 0.00	70.46 1.72 0.00	58.38 1.31 0.00	51.43 1.64 0.00	45.45 1.79 0.00
GOWANUS_GT1_5 24084	37.23 2.21 0.00	31.91 2.03 0.00	29.18 1.76 0.00	27.15 1.59 0.00	26.85 1.64 0.00	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.89 1.53 0.00	28.09 1.71 0.00	29.72 1.76 0.00	32.00 2.09 0.00	32.96 2.21 0.00	36.45 2.45 0.00	39.66 2.59 0.00	44.76 2.81 0.00	52.66 2.51 0.00	65.43 2.21 0.00	76.65 2.30 0.00	78.87 2.15 0.00	70.46 1.72 0.00	58.38 1.31 0.00	51.43 1.64 0.00	45.45 1.79 0.00
GOWANUS_GT1_6 24111	37.23 2.21 0.00	31.91 2.03 0.00	29.18 1.76 0.00	27.15 1.59 0.00	26.85 1.64 0.00	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.89 1.53 0.00	28.09 1.71 0.00	29.72 1.76 0.00	32.00 2.09 0.00	32.96 2.21 0.00	36.45 2.45 0.00	39.66 2.59 0.00	44.76 2.81 0.00	52.66 2.51 0.00	65.43 2.21 0.00	76.65 2.30 0.00	78.87 2.15 0.00	70.46 1.72 0.00	58.38 1.31 0.00	51.43 1.64 0.00	45.45 1.79 0.00
GOWANUS_GT1_7 24112	37.23 2.21 0.00	31.91 2.03 0.00	29.18 1.76 0.00	27.15 1.59 0.00	26.85 1.64 0.00	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.89 1.53 0.00	28.09 1.71 0.00	29.72 1.76 0.00	32.00 2.09 0.00	32.96 2.21 0.00	36.45 2.45 0.00	39.66 2.59 0.00	44.76 2.81 0.00	52.66 2.51 0.00	65.43 2.21 0.00	76.65 2.30 0.00	78.87 2.15 0.00	70.46 1.72 0.00	58.38 1.31 0.00	51.43 1.64 0.00	45.45 1.79 0.00
GOWANUS_GT1_8 24113	37.23 2.21 0.00	31.91 2.03 0.00	29.18 1.76 0.00	27.15 1.59 0.00	26.85 1.64 0.00	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.89 1.53 0.00	28.09 1.71 0.00	29.72 1.76 0.00	32.00 2.09 0.00	32.96 2.21 0.00	36.45 2.45 0.00	39.66 2.59 0.00	44.76 2.81 0.00	52.66 2.51 0.00	65.43 2.21 0.00	76.65 2.30 0.00	78.87 2.15 0.00	70.46 1.72 0.00	58.38 1.31 0.00	51.43 1.64 0.00	45.45 1.79 0.00
GOWANUS_GT2_1 24114	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.84 1.62 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.20 1.14 0.01	51.38 1.59 0.00	45.36 1.70 0.00
GOWANUS_GT2_2 24115	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.84 1.62 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.20 1.14 0.01	51.38 1.59 0.00	45.36 1.70 0.00
GOWANUS_GT2_3 24116	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.84 1.62 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.20 1.14 0.01	51.38 1.59 0.00	45.36 1.70 0.00
GOWANUS_GT2_4 24117	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.84 1.62 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.20 1.14 0.01	51.38 1.59 0.00	45.36 1.70 0.00
GOWANUS_GT2_5 24118	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.84 1.62 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.20 1.14 0.01	51.38 1.59 0.00	45.36 1.70 0.00

GOWANUS_GT2_6 24119	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.84 1.62 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.20 1.14 0.01	51.38 1.59 0.00	45.36 1.70 0.00
GOWANUS_GT2_7 24120	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.84 1.62 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.20 1.14 0.01	51.38 1.59 0.00	45.36 1.70 0.00
GOWANUS_GT2_8 24121	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.84 1.62 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.20 1.14 0.01	51.38 1.59 0.00	45.36 1.70 0.00
GOWANUS_GT3_1 24122	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.86 1.64 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.26 1.20 0.01	51.38 1.59 0.00	45.36 1.70 0.00
GOWANUS_GT3_2 24123	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.86 1.64 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.26 1.20 0.01	51.38 1.59 0.00	45.36 1.70 0.00
GOWANUS_GT3_3 24124	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.86 1.64 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.26 1.20 0.01	51.38 1.59 0.00	45.36 1.70 0.00
GOWANUS_GT3_4 24125	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.86 1.64 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.26 1.20 0.01	51.38 1.59 0.00	45.36 1.70 0.00
GOWANUS_GT3_5 24126	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.86 1.64 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.26 1.20 0.01	51.38 1.59 0.00	45.36 1.70 0.00
GOWANUS_GT3_6 24127	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.86 1.64 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.26 1.20 0.01	51.38 1.59 0.00	45.36 1.70 0.00
GOWANUS_GT3_7 24128	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.86 1.64 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.26 1.20 0.01	51.38 1.59 0.00	45.36 1.70 0.00
GOWANUS_GT3_8 24129	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.86 1.64 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.26 1.20 0.01	51.38 1.59 0.00	45.36 1.70 0.00
GOWANUS_GT4_1 24130	37.23 2.21 0.00	31.91 2.03 0.00	29.15 1.73 0.00	27.15 1.59 0.00	26.83 1.61 0.00	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.89 1.53 0.00	28.09 1.71 0.00	29.72 1.76 0.00	31.97 2.06 0.00	32.96 2.21 0.00	36.45 2.45 0.00	39.66 2.59 0.00	44.76 2.81 0.00	52.66 2.51 0.00	65.37 2.15 0.00	76.57 2.23 0.00	78.87 2.15 0.00	70.46 1.72 0.00	58.38 1.31 0.00	51.38 1.59 0.00	45.45 1.79 0.00
GOWANUS_GT4_2 24131	37.23 2.21 0.00	31.91 2.03 0.00	29.15 1.73 0.00	27.15 1.59 0.00	26.83 1.61 0.00	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.89 1.53 0.00	28.09 1.71 0.00	29.72 1.76 0.00	31.97 2.06 0.00	32.96 2.21 0.00	36.45 2.45 0.00	39.66 2.59 0.00	44.76 2.81 0.00	52.66 2.51 0.00	65.37 2.15 0.00	76.57 2.23 0.00	78.87 2.15 0.00	70.46 1.72 0.00	58.38 1.31 0.00	51.38 1.59 0.00	45.45 1.79 0.00
GOWANUS_GT4_3 24132	37.23 2.21 0.00	31.91 2.03 0.00	29.15 1.73 0.00	27.15 1.59 0.00	26.83 1.61 0.00	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.89 1.53 0.00	28.09 1.71 0.00	29.72 1.76 0.00	31.97 2.06 0.00	32.96 2.21 0.00	36.45 2.45 0.00	39.66 2.59 0.00	44.76 2.81 0.00	52.66 2.51 0.00	65.37 2.15 0.00	76.57 2.23 0.00	78.87 2.15 0.00	70.46 1.72 0.00	58.38 1.31 0.00	51.38 1.59 0.00	45.45 1.79 0.00
GOWANUS_GT4_4 24133	37.23 2.21 0.00	31.91 2.03 0.00	29.15 1.73 0.00	27.15 1.59 0.00	26.83 1.61 0.00	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.89 1.53 0.00	28.09 1.71 0.00	29.72 1.76 0.00	31.97 2.06 0.00	32.96 2.21 0.00	36.45 2.45 0.00	39.66 2.59 0.00	44.76 2.81 0.00	52.66 2.51 0.00	65.37 2.15 0.00	76.57 2.23 0.00	78.87 2.15 0.00	70.46 1.72 0.00	58.38 1.31 0.00	51.38 1.59 0.00	45.45 1.79 0.00

GOWANUS_GT4_5 24134	37.23 2.21 0.00	31.91 2.03 0.00	29.15 1.73 0.00	27.15 1.59 0.00	26.83 1.61 0.00	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.89 1.53 0.00	28.09 1.71 0.00	29.72 1.76 0.00	31.97 2.06 0.00	32.96 2.21 0.00	36.45 2.45 0.00	39.66 2.59 0.00	44.76 2.81 0.00	52.66 2.51 0.00	65.37 2.15 0.00	76.57 2.23 0.00	78.87 2.15 0.00	70.46 1.72 0.00	58.38 1.31 0.00	51.38 1.59 0.00	45.45 1.79 0.00
GOWANUS_GT4_6 24135	37.23 2.21 0.00	31.91 2.03 0.00	29.15 1.73 0.00	27.15 1.59 0.00	26.83 1.61 0.00	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.89 1.53 0.00	28.09 1.71 0.00	29.72 1.76 0.00	31.97 2.06 0.00	32.96 2.21 0.00	36.45 2.45 0.00	39.66 2.59 0.00	44.76 2.81 0.00	52.66 2.51 0.00	65.37 2.15 0.00	76.57 2.23 0.00	78.87 2.15 0.00	70.46 1.72 0.00	58.38 1.31 0.00	51.38 1.59 0.00	45.45 1.79 0.00
GOWANUS_GT4_7 24136	37.23 2.21 0.00	31.91 2.03 0.00	29.15 1.73 0.00	27.15 1.59 0.00	26.83 1.61 0.00	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.89 1.53 0.00	28.09 1.71 0.00	29.72 1.76 0.00	31.97 2.06 0.00	32.96 2.21 0.00	36.45 2.45 0.00	39.66 2.59 0.00	44.76 2.81 0.00	52.66 2.51 0.00	65.37 2.15 0.00	76.57 2.23 0.00	78.87 2.15 0.00	70.46 1.72 0.00	58.38 1.31 0.00	51.38 1.59 0.00	45.45 1.79 0.00
GOWANUS_GT4_8 24137	37.23 2.21 0.00	31.91 2.03 0.00	29.15 1.73 0.00	27.15 1.59 0.00	26.83 1.61 0.00	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.89 1.53 0.00	28.09 1.71 0.00	29.72 1.76 0.00	31.97 2.06 0.00	32.96 2.21 0.00	36.45 2.45 0.00	39.66 2.59 0.00	44.76 2.81 0.00	52.66 2.51 0.00	65.37 2.15 0.00	76.57 2.23 0.00	78.87 2.15 0.00	70.46 1.72 0.00	58.38 1.31 0.00	51.38 1.59 0.00	45.45 1.79 0.00
GREATVR_69_KV_BK1 356245	38.21 3.19 0.00	32.51 2.63 0.00	29.70 2.28 0.00	27.48 1.92 0.00	27.11 1.89 0.00	27.51 1.80 0.00	27.62 1.81 0.00	28.23 1.99 0.00	28.08 1.71 0.00	28.59 2.22 0.00	30.53 2.57 0.00	33.28 2.96 -0.42	36.57 3.17 -2.65	44.44 3.50 -6.93	45.37 3.82 -4.49	47.22 4.28 -0.99	54.91 4.76 0.00	68.53 5.31 0.00	79.92 5.58 0.00	81.87 5.14 0.00	72.80 4.06 0.00	60.55 3.48 0.00	52.07 2.29 0.00	46.32 2.66 0.00
GREENBSH_115KV_TB3 55895	35.52 0.49 0.00	30.51 0.63 0.00	28.16 0.74 0.00	26.23 0.66 0.00	25.92 0.71 0.00	26.41 0.69 0.00	26.59 0.77 0.00	26.97 0.73 0.00	26.71 0.34 0.00	26.66 0.29 0.00	28.21 0.25 0.00	30.14 0.24 0.00	31.05 0.31 0.00	34.28 0.27 0.00	37.40 0.33 0.00	42.16 0.21 0.00	50.40 0.25 0.00	63.66 0.44 0.00	74.79 0.45 0.00	77.19 0.46 0.00	69.09 0.34 0.00	57.41 0.34 0.00	50.08 0.30 0.00	43.79 0.13 0.00
GREENDGE_115KV_TB5 80291	35.59 0.56 0.00	30.48 0.60 0.00	28.05 0.63 0.00	26.13 0.56 0.00	25.62 0.40 0.00	26.23 0.51 0.00	26.15 0.34 0.00	26.08 -0.16 0.00	25.89 -0.47 0.00	25.85 -0.53 0.00	27.65 -0.31 0.00	29.72 -0.18 0.00	30.65 -0.09 0.00	34.04 0.03 0.00	37.18 0.11 0.00	42.20 0.25 0.00	50.70 0.55 0.00	64.16 0.95 0.00	75.90 1.56 0.00	78.72 1.99 0.00	70.19 1.44 0.00	57.69 0.63 0.00	50.38 0.60 0.00	44.58 0.92 0.00
GREENIDGE___3 23582	35.59 0.56 0.00	30.48 0.60 0.00	28.05 0.63 0.00	26.13 0.56 0.00	25.62 0.40 0.00	26.23 0.51 0.00	26.15 0.34 0.00	26.08 -0.16 0.00	25.89 -0.47 0.00	25.85 -0.53 0.00	27.65 -0.31 0.00	29.72 -0.18 0.00	30.65 -0.09 0.00	34.04 0.03 0.00	37.18 0.11 0.00	42.20 0.25 0.00	50.70 0.55 0.00	64.16 0.95 0.00	75.90 1.56 0.00	78.72 1.99 0.00	70.19 1.44 0.00	57.69 0.63 0.00	50.38 0.60 0.00	44.58 0.92 0.00
GREENIDGE___4 23583	35.59 0.56 0.00	30.48 0.60 0.00	28.08 0.66 0.00	26.13 0.56 0.00	25.62 0.40 0.00	26.23 0.51 0.00	26.15 0.33 0.00	26.08 -0.16 0.00	25.94 -0.42 0.00	25.98 -0.39 0.00	27.65 -0.31 0.00	29.73 -0.18 0.00	30.65 -0.09 0.00	34.04 0.03 0.00	37.18 0.11 0.00	42.20 0.25 0.00	50.75 0.60 0.00	64.17 0.95 0.00	76.27 1.93 0.00	78.87 2.15 0.00	70.33 1.58 0.00	57.98 0.91 0.00	50.48 0.70 0.00	44.58 0.92 0.00
GREENLWN_69_KV_BK 3 55738	37.34 2.31 0.00	31.85 1.97 0.00	29.07 1.65 0.00	26.95 1.38 0.00	26.58 1.36 0.00	27.00 1.29 0.00	27.16 1.34 0.00	27.73 1.50 0.00	27.63 1.27 0.00	28.03 1.66 0.00	29.86 1.90 0.00	32.51 2.18 -0.42	35.74 2.34 -2.65	43.49 2.55 -6.93	44.30 2.74 -4.49	45.79 2.85 -0.99	52.96 2.81 0.00	66.25 3.03 0.00	77.24 2.90 0.00	79.18 2.46 0.00	70.46 1.72 0.00	58.55 1.48 0.00	50.53 0.75 0.00	45.15 1.48 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	37.23 2.21 0.00	31.91 2.03 0.00	29.18 1.76 0.00	27.15 1.59 0.00	26.85 1.64 0.00	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.89 1.53 0.00	28.09 1.71 0.00	29.72 1.76 0.00	32.00 2.09 0.00	32.96 2.21 0.00	36.45 2.45 0.00	39.66 2.59 0.00	44.76 2.81 0.00	52.66 2.51 0.00	65.43 2.21 0.00	76.65 2.30 0.00	78.87 2.15 0.00	70.46 1.72 0.00	58.38 1.31 0.00	51.43 1.64 0.00	45.45 1.79 0.00
GRISSOM___SOLAR 323813	37.44 2.42 0.00	32.00 2.12 0.00	29.40 1.98 0.00	27.35 1.79 0.00	26.98 1.76 0.00	27.57 1.85 0.00	27.57 1.76 0.00	27.45 1.21 0.00	26.94 0.58 0.00	26.58 0.21 0.00	27.93 -0.03 0.00	29.81 -0.09 0.00	30.72 -0.03 0.00	34.04 0.03 0.00	37.33 0.26 0.00	42.49 0.54 0.00	51.25 1.10 0.00	65.75 2.53 0.00	78.95 4.61 0.00	82.63 5.91 0.00	74.31 5.57 0.00	61.52 4.45 0.00	53.52 3.74 0.00	46.67 3.01 0.00
GROVEVILLE___HYD 323602	36.60 1.58 0.00	31.43 1.55 0.00	28.74 1.32 0.00	26.77 1.20 0.00	26.48 1.26 0.00	26.92 1.21 0.00	27.21 1.39 0.00	27.58 1.34 0.00	27.50 1.13 0.00	27.51 1.13 0.00	29.16 1.20 0.00	31.31 1.41 0.00	32.28 1.54 0.00	35.71 1.70 0.00	39.03 1.96 0.00	44.08 2.14 0.00	52.51 2.36 0.00	66.00 2.78 0.00	77.54 3.20 0.00	79.87 3.15 0.00	71.43 2.68 0.00	59.12 2.05 0.00	51.53 1.74 0.00	45.15 1.48 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	35.06 0.04 0.00	29.97 0.09 0.00	27.59 0.16 0.00	25.69 0.13 0.00	25.27 0.05 0.00	25.84 0.13 0.00	25.87 0.05 0.00	26.11 -0.13 0.00	26.07 -0.29 0.00	26.11 -0.26 0.00	27.77 -0.20 0.00	29.66 -0.24 0.00	30.50 -0.25 0.00	33.77 -0.24 0.00	36.85 -0.22 0.00	41.74 -0.21 0.00	50.15 0.00 0.00	63.22 0.00 0.00	74.57 0.22 0.00	77.19 0.46 0.00	68.88 0.14 0.00	57.01 -0.06 0.00	49.68 -0.10 0.00	43.57 -0.09 0.00
HAMLTNNY_34_KV_TB 80303	35.20 0.18 0.00	30.09 0.21 0.00	27.70 0.27 0.00	25.80 0.23 0.00	25.37 0.15 0.00	25.95 0.23 0.00	25.94 0.13 0.00	26.13 -0.10 0.00	26.07 -0.29 0.00	26.11 -0.26 0.00	27.79 -0.17 0.00	29.75 -0.15 0.00	30.59 -0.15 0.00	33.94 -0.07 0.00	37.03 -0.04 0.00	41.95 0.00 0.00	50.50 0.35 0.00	63.66 0.44 0.00	75.09 0.74 0.00	77.72 1.00 0.00	69.36 0.62 0.00	57.29 0.23 0.00	49.98 0.20 0.00	43.88 0.22 0.00

HAMPSHIRE___PAPER_HYD 323593	35.27 0.25 0.00	29.85 -0.03 0.00	27.40 -0.03 0.00	25.59 0.03 0.00	25.29 0.08 0.00	25.77 0.05 0.00	25.74 -0.08 0.00	26.16 -0.08 0.00	26.42 0.05 0.00	26.40 0.03 0.00	27.91 -0.06 0.00	29.87 -0.03 0.00	30.68 -0.06 0.00	34.01 0.00 0.00	37.03 -0.04 0.00	42.16 0.21 0.00	50.25 0.10 0.00	63.72 0.50 0.00	75.31 0.96 0.00	78.72 1.99 0.00	70.53 1.78 0.00	63.02 1.88 -4.07	57.39 1.49 -6.11	50.26 1.31 -5.29
HARDSCRABBLE_WT_PWR 323673	34.57 -0.46 0.00	29.52 -0.36 0.00	27.10 -0.33 0.00	25.26 -0.31 0.00	24.94 -0.28 0.00	25.43 -0.28 0.00	25.56 -0.26 0.00	25.93 -0.31 0.00	25.97 -0.39 0.00	25.95 -0.42 0.00	27.49 -0.48 0.00	29.40 -0.51 0.00	30.25 -0.49 0.00	33.46 -0.55 0.00	36.44 -0.63 0.00	41.23 -0.71 0.00	49.35 -0.80 0.00	62.14 -1.08 0.00	73.30 -1.04 0.00	75.73 -1.00 0.00	67.92 -0.82 0.00	56.50 -0.57 0.00	49.24 -0.55 0.00	43.09 -0.57 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.43 1.40 0.00	31.31 1.43 0.00	28.60 1.18 0.00	26.61 1.05 0.00	26.33 1.11 0.00	26.77 1.05 0.00	27.05 1.24 0.00	27.45 1.21 0.00	27.39 1.03 0.00	27.43 1.05 0.00	29.08 1.12 0.00	31.25 1.35 0.00	32.25 1.51 0.00	35.67 1.67 0.00	38.92 1.85 0.00	44.00 2.06 0.00	52.31 2.16 0.00	65.62 2.40 0.00	77.02 2.68 0.00	79.33 2.61 0.00	70.88 2.13 0.00	58.72 1.65 0.00	51.18 1.39 0.00	44.88 1.22 0.00
HARSNRAD_115KV_TB1 81005	34.89 -0.14 0.00	30.36 0.48 0.00	28.03 0.60 0.00	26.00 0.43 0.00	25.47 0.25 0.00	26.02 0.31 0.00	25.69 -0.13 0.00	25.08 -1.15 0.00	24.83 -1.53 0.00	24.71 -1.66 0.00	26.90 -1.06 0.00	29.13 -0.78 0.00	30.10 -0.65 0.00	33.39 -0.61 0.00	36.40 -0.67 0.00	41.11 -0.84 0.00	50.30 0.15 0.00	63.34 0.13 0.00	73.90 -0.45 0.00	76.11 -0.61 0.00	67.65 -1.10 0.00	55.35 -1.71 0.00	48.94 -0.85 0.00	43.84 0.17 0.00
HARZA MOOSE___RIVER 24016	35.69 0.67 0.00	30.33 0.45 0.00	27.86 0.44 0.00	25.97 0.41 0.00	25.64 0.43 0.00	26.18 0.46 0.00	26.20 0.39 0.00	26.50 0.26 0.00	26.47 0.11 0.00	26.40 0.03 0.00	27.91 -0.06 0.00	29.87 -0.03 0.00	30.75 0.00 0.00	34.11 0.10 0.00	37.18 0.11 0.00	42.28 0.34 0.00	50.65 0.50 0.00	63.98 0.76 0.00	76.05 1.71 0.00	79.10 2.38 0.00	70.81 2.06 -1.12	60.01 1.83 -1.68	52.81 1.34 -1.45	46.16 1.05 -1.45
HDSNBRDG_115KV_BRDG_TB1 355580	34.85 -0.18 0.00	29.82 -0.06 0.00	27.42 0.00 0.00	25.57 0.00 0.00	25.17 -0.05 0.00	25.69 -0.03 0.00	25.74 -0.08 0.00	25.98 -0.26 0.00	25.94 -0.42 0.00	25.98 -0.40 0.00	27.63 -0.34 0.00	29.51 -0.39 0.00	30.35 -0.40 0.00	33.56 -0.44 0.00	36.55 -0.52 0.00	41.40 -0.55 0.00	49.75 -0.40 0.00	62.71 -0.51 0.00	73.97 -0.37 0.00	76.42 -0.31 0.00	68.33 -0.41 0.00	56.50 -0.57 0.00	49.29 -0.50 0.00	43.18 -0.48 0.00
HELLGATE_13_KV_LD 55870	37.16 2.14 0.00	31.88 2.00 0.00	29.12 1.70 0.00	27.10 1.53 0.00	26.80 1.59 0.00	27.23 1.52 0.00	27.54 1.73 0.00	28.00 1.76 0.00	28.02 1.66 0.00	28.17 1.79 0.00	29.81 1.85 0.00	32.09 2.18 0.00	33.08 2.34 0.00	36.59 2.58 0.00	39.85 2.78 0.00	44.97 3.02 0.00	52.91 2.76 0.00	65.68 2.47 0.00	76.87 2.53 0.00	79.10 2.38 0.00	70.67 1.92 0.00	58.61 1.54 0.00	51.53 1.74 0.00	45.54 1.88 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	37.16 2.14 0.00	31.88 2.00 0.00	29.12 1.70 0.00	27.10 1.53 0.00	26.80 1.59 0.00	27.23 1.52 0.00	27.54 1.73 0.00	28.00 1.76 0.00	28.02 1.66 0.00	28.17 1.79 0.00	29.81 1.85 0.00	32.09 2.18 0.00	33.08 2.34 0.00	36.59 2.58 0.00	39.85 2.78 0.00	44.97 3.02 0.00	52.91 2.76 0.00	65.68 2.47 0.00	76.87 2.53 0.00	79.10 2.38 0.00	70.67 1.92 0.00	58.61 1.54 0.00	51.53 1.74 0.00	45.54 1.88 0.00
HEMPSTEAD____ 23647	37.28 2.24 -0.01	31.85 1.97 0.00	29.15 1.73 0.00	26.97 1.41 0.00	26.63 1.41 0.00	27.05 1.34 0.00	27.23 1.42 0.00	27.76 1.52 0.00	27.66 1.29 0.00	27.98 1.61 0.00	29.81 1.85 -0.01	32.45 2.12 -0.42	35.64 2.24 -2.65	43.39 2.45 -6.93	44.19 2.63 -4.49	45.83 2.89 -0.99	52.71 2.56 -0.01	65.69 2.46 -0.01	76.27 1.93 0.00	77.72 0.99 0.00	69.71 0.96 0.00	57.92 0.86 0.00	50.23 0.45 0.00	44.88 1.22 0.00
HICKLING___1 23621	35.45 0.42 0.00	30.45 0.57 0.00	28.00 0.58 0.00	26.10 0.54 0.00	25.57 0.35 0.00	26.18 0.46 0.00	26.05 0.23 0.00	25.92 -0.31 0.00	25.73 -0.63 0.00	25.71 -0.66 0.00	27.57 -0.39 0.00	29.69 -0.21 0.00	30.62 -0.12 0.00	33.97 -0.03 0.00	37.11 0.04 0.00	42.11 0.17 0.00	50.90 0.75 0.00	64.29 1.07 0.00	75.83 1.49 0.00	78.64 1.92 0.00	70.12 1.37 0.00	57.58 0.51 0.00	50.38 0.60 0.00	44.32 0.65 0.00
HICKLING___2 23622	35.45 0.42 0.00	30.45 0.57 0.00	28.00 0.58 0.00	26.10 0.54 0.00	25.57 0.35 0.00	26.18 0.46 0.00	26.05 0.23 0.00	25.92 -0.31 0.00	25.73 -0.63 0.00	25.71 -0.66 0.00	27.57 -0.39 0.00	29.69 -0.21 0.00	30.62 -0.12 0.00	33.97 -0.03 0.00	37.11 0.04 0.00	42.11 0.17 0.00	50.90 0.75 0.00	64.29 1.07 0.00	75.83 1.49 0.00	78.64 1.92 0.00	70.12 1.37 0.00	57.58 0.51 0.00	50.38 0.60 0.00	44.32 0.65 0.00
HIGH FALLS___HY 23754	36.53 1.51 0.00	31.37 1.49 0.00	28.63 1.21 0.00	26.64 1.07 0.00	26.35 1.13 0.00	26.79 1.08 0.00	27.08 1.26 0.00	27.47 1.23 0.00	27.44 1.08 0.00	27.45 1.08 0.00	29.14 1.17 0.00	31.31 1.41 0.00	32.28 1.54 0.00	35.74 1.73 0.00	39.03 1.96 0.00	44.17 2.22 0.00	52.56 2.41 0.00	66.00 2.78 0.00	77.61 3.27 0.00	80.03 3.30 0.00	71.56 2.82 0.00	59.18 2.11 0.00	51.48 1.69 0.00	45.10 1.44 0.00
HIGH_RIVER___SOLAR 323847	36.57 1.54 0.00	31.28 1.40 0.00	28.71 1.29 0.00	26.74 1.18 0.00	26.38 1.16 0.00	26.92 1.21 0.00	26.98 1.16 0.00	27.05 0.81 0.00	26.71 0.34 0.00	26.45 0.08 0.00	27.93 -0.03 0.00	29.87 -0.03 0.00	30.78 0.03 0.00	34.04 0.03 0.00	37.18 0.11 0.00	42.11 0.17 0.00	50.50 0.35 0.00	64.29 1.07 0.00	76.79 2.45 0.00	79.95 3.22 0.00	71.91 3.16 0.00	59.64 2.57 0.00	51.92 2.14 0.00	45.41 1.75 0.00
HILLBURN___GT 23639	36.43 1.40 0.00	31.31 1.43 0.00	28.66 1.24 0.00	26.64 1.07 0.00	26.32 1.11 0.00	26.79 1.08 0.00	27.05 1.24 0.00	27.47 1.23 0.00	27.45 1.08 0.00	27.48 1.11 0.00	29.16 1.20 0.00	31.37 1.46 0.00	32.34 1.60 0.00	35.74 1.73 0.00	38.96 1.89 0.00	44.04 2.10 0.00	52.26 2.11 0.00	65.30 2.08 0.00	76.35 2.01 0.00	78.34 1.61 0.00	70.26 1.51 0.00	58.27 1.20 0.00	50.88 1.09 0.00	44.67 1.00 0.00
HILLSIDE_115KV_TB1 80332	34.96 -0.07 0.00	30.06 0.18 0.00	27.64 0.22 0.00	25.74 0.18 0.00	25.24 0.03 0.00	25.84 0.13 0.00	25.74 -0.08 0.00	25.71 -0.52 0.00	25.55 -0.82 0.00	25.53 -0.84 0.00	27.32 -0.64 0.00	29.40 -0.51 0.00	30.32 -0.43 0.00	33.60 -0.41 0.00	36.66 -0.41 0.00	41.57 -0.38 0.00	50.20 0.05 0.00	63.34 0.13 0.00	74.64 0.30 0.00	77.26 0.54 0.00	68.95 0.21 0.00	56.72 -0.34 0.00	49.58 -0.20 0.00	43.62 -0.04 0.00

HISHELDN_WT_PWR 323625	35.13 0.11 0.00	30.33 0.45 0.00	28.03 0.60 0.00	25.97 0.41 0.00	25.42 0.20 0.00	26.00 0.28 0.00	25.74 -0.08 0.00	25.30 -0.94 0.00	25.15 -1.21 0.00	25.24 -1.13 0.00	27.01 -0.95 0.00	29.22 -0.69 0.00	30.16 -0.59 0.00	33.50 -0.51 0.00	36.51 -0.56 0.00	41.32 -0.63 0.00	50.55 0.40 0.00	63.53 0.32 0.00	75.09 0.74 0.00	77.42 0.69 0.00	68.81 0.07 0.00	56.67 -0.40 0.00	49.63 -0.15 0.00	43.88 0.22 0.00
HOLTSVILLE_IC_1 23690	37.66 2.63 -0.01	32.09 2.21 0.00	29.40 1.98 0.00	27.13 1.56 0.00	26.78 1.56 0.00	27.15 1.44 0.00	27.29 1.47 0.00	27.89 1.65 0.00	27.71 1.34 0.00	28.19 1.82 0.00	30.12 2.15 -0.01	32.78 2.45 -0.42	36.04 2.64 -2.65	43.76 2.82 -6.93	44.63 3.08 -4.49	46.38 3.44 -0.99	52.86 2.71 -0.01	65.88 2.65 -0.01	76.35 2.01 0.00	77.49 0.77 0.00	69.43 0.69 0.00	57.81 0.74 0.00	49.68 -0.10 0.00	45.02 1.35 0.00
HOLTSVILLE_IC_10 23699	37.80 2.77 -0.01	32.21 2.33 0.00	29.51 2.08 0.00	27.23 1.66 0.00	26.85 1.64 0.00	27.26 1.54 0.00	27.36 1.55 0.00	27.97 1.73 0.00	27.79 1.42 0.00	28.30 1.92 0.00	30.26 2.29 -0.01	32.92 2.60 -0.42	36.23 2.83 -2.65	44.00 3.06 -6.93	44.93 3.37 -4.49	46.72 3.78 -0.99	53.27 3.11 -0.01	66.45 3.22 -0.01	76.94 2.60 0.00	78.11 1.38 0.00	69.91 1.17 0.00	58.27 1.20 0.00	50.03 0.25 0.00	45.23 1.57 0.00
HOLTSVILLE_IC_2 23691	37.66 2.63 -0.01	32.09 2.21 0.00	29.40 1.98 0.00	27.13 1.56 0.00	26.78 1.56 0.00	27.15 1.44 0.00	27.29 1.47 0.00	27.89 1.65 0.00	27.71 1.34 0.00	28.19 1.82 0.00	30.12 2.15 -0.01	32.78 2.45 -0.42	36.04 2.64 -2.65	43.76 2.82 -6.93	44.63 3.08 -4.49	46.38 3.44 -0.99	52.86 2.71 -0.01	65.88 2.65 -0.01	76.35 2.01 0.00	77.49 0.77 0.00	69.43 0.69 0.00	57.81 0.74 0.00	49.68 -0.10 0.00	45.02 1.35 0.00
HOLTSVILLE_IC_3 23692	37.66 2.63 -0.01	32.09 2.21 0.00	29.40 1.98 0.00	27.13 1.56 0.00	26.78 1.56 0.00	27.15 1.44 0.00	27.29 1.47 0.00	27.89 1.65 0.00	27.71 1.34 0.00	28.19 1.82 0.00	30.12 2.15 -0.01	32.78 2.45 -0.42	36.04 2.64 -2.65	43.76 2.82 -6.93	44.63 3.08 -4.49	46.38 3.44 -0.99	52.86 2.71 -0.01	65.88 2.65 -0.01	76.35 2.01 0.00	77.49 0.77 0.00	69.43 0.69 0.00	57.81 0.74 0.00	49.68 -0.10 0.00	45.02 1.35 0.00
HOLTSVILLE_IC_4 23693	37.66 2.63 -0.01	32.09 2.21 0.00	29.40 1.98 0.00	27.13 1.56 0.00	26.78 1.56 0.00	27.15 1.44 0.00	27.29 1.47 0.00	27.89 1.65 0.00	27.71 1.34 0.00	28.19 1.82 0.00	30.12 2.15 -0.01	32.78 2.45 -0.42	36.04 2.64 -2.65	43.76 2.82 -6.93	44.63 3.08 -4.49	46.38 3.44 -0.99	52.86 2.71 -0.01	65.88 2.65 -0.01	76.35 2.01 0.00	77.49 0.77 0.00	69.43 0.69 0.00	57.81 0.74 0.00	49.68 -0.10 0.00	45.02 1.35 0.00
HOLTSVILLE_IC_5 23694	37.66 2.63 -0.01	32.09 2.21 0.00	29.40 1.98 0.00	27.13 1.56 0.00	26.78 1.56 0.00	27.15 1.44 0.00	27.29 1.47 0.00	27.89 1.65 0.00	27.71 1.34 0.00	28.19 1.82 0.00	30.12 2.15 -0.01	32.78 2.45 -0.42	36.04 2.64 -2.65	43.76 2.82 -6.93	44.63 3.08 -4.49	46.38 3.44 -0.99	52.86 2.71 -0.01	65.88 2.65 -0.01	76.35 2.01 0.00	77.49 0.77 0.00	69.43 0.69 0.00	57.81 0.74 0.00	49.68 -0.10 0.00	45.02 1.35 0.00
HOLTSVILLE_IC_6 23695	37.80 2.77 -0.01	32.21 2.33 0.00	29.51 2.08 0.00	27.23 1.66 0.00	26.85 1.64 0.00	27.26 1.54 0.00	27.36 1.55 0.00	27.97 1.73 0.00	27.79 1.42 0.00	28.30 1.92 0.00	30.26 2.29 -0.01	32.92 2.60 -0.42	36.23 2.83 -2.65	44.00 3.06 -6.93	44.93 3.37 -4.49	46.72 3.78 -0.99	53.27 3.11 -0.01	66.45 3.22 -0.01	76.94 2.60 0.00	78.11 1.38 0.00	69.91 1.17 0.00	58.27 1.20 0.00	50.03 0.25 0.00	45.23 1.57 0.00
HOLTSVILLE_IC_7 23696	37.80 2.77 -0.01	32.21 2.33 0.00	29.51 2.08 0.00	27.23 1.66 0.00	26.85 1.64 0.00	27.26 1.54 0.00	27.36 1.55 0.00	27.97 1.73 0.00	27.79 1.42 0.00	28.30 1.92 0.00	30.26 2.29 -0.01	32.92 2.60 -0.42	36.23 2.83 -2.65	44.00 3.06 -6.93	44.93 3.37 -4.49	46.72 3.78 -0.99	53.27 3.11 -0.01	66.45 3.22 -0.01	76.94 2.60 0.00	78.11 1.38 0.00	69.91 1.17 0.00	58.27 1.20 0.00	50.03 0.25 0.00	45.23 1.57 0.00
HOLTSVILLE_IC_8 23697	37.80 2.77 -0.01	32.21 2.33 0.00	29.51 2.08 0.00	27.23 1.66 0.00	26.85 1.64 0.00	27.26 1.54 0.00	27.36 1.55 0.00	27.97 1.73 0.00	27.79 1.42 0.00	28.30 1.92 0.00	30.26 2.29 -0.01	32.92 2.60 -0.42	36.23 2.83 -2.65	44.00 3.06 -6.93	44.93 3.37 -4.49	46.72 3.78 -0.99	53.27 3.11 -0.01	66.45 3.22 -0.01	76.94 2.60 0.00	78.11 1.38 0.00	69.91 1.17 0.00	58.27 1.20 0.00	50.03 0.25 0.00	45.23 1.57 0.00
HOLTSVILLE_IC_9 23698	37.80 2.77 -0.01	32.21 2.33 0.00	29.51 2.08 0.00	27.23 1.66 0.00	26.85 1.64 0.00	27.26 1.54 0.00	27.36 1.55 0.00	27.97 1.73 0.00	27.79 1.42 0.00	28.30 1.92 0.00	30.26 2.29 -0.01	32.92 2.60 -0.42	36.23 2.83 -2.65	44.00 3.06 -6.93	44.93 3.37 -4.49	46.72 3.78 -0.99	53.27 3.11 -0.01	66.45 3.22 -0.01	76.94 2.60 0.00	78.11 1.38 0.00	69.91 1.17 0.00	58.27 1.20 0.00	50.03 0.25 0.00	45.23 1.57 0.00
HOMER_HL_115KV_TB2 355744	34.12 -0.91 0.00	29.67 -0.21 0.00	27.29 -0.14 0.00	25.39 -0.18 0.00	24.81 -0.40 0.00	25.41 -0.31 0.00	25.17 -0.65 0.00	24.87 -1.36 0.00	24.68 -1.69 0.00	24.61 -1.77 0.00	26.68 -1.29 0.00	28.92 -0.99 0.00	29.85 -0.89 0.00	33.09 -0.92 0.00	36.03 -1.04 0.00	40.85 -1.09 0.00	49.80 -0.35 0.00	62.71 -0.51 0.00	73.45 -0.89 0.00	75.81 -0.92 0.00	67.44 -1.31 0.00	55.18 -1.88 0.00	48.59 -1.19 0.00	42.83 -0.83 0.00
HOWARD_WT_PWR 323690	35.83 0.81 0.00	30.81 0.93 0.00	28.41 0.99 0.00	26.38 0.82 0.00	25.80 0.58 0.00	26.46 0.75 0.00	26.23 0.41 0.00	25.87 -0.37 0.00	25.63 -0.74 0.00	25.69 -0.69 0.00	27.40 -0.56 0.00	29.55 -0.36 0.00	30.53 -0.21 0.00	33.90 -0.10 0.00	37.03 -0.04 0.00	42.03 0.08 0.00	51.20 1.05 0.00	64.67 1.46 0.00	76.94 2.60 0.00	79.72 2.99 0.00	71.15 2.40 0.00	58.55 1.48 0.00	51.08 1.29 0.00	44.88 1.22 0.00
HQ_GEN_CEDARS 23644	34.78 -0.25 0.00	29.43 -0.45 0.00	27.01 -0.41 0.00	25.28 -0.28 0.00	24.94 -0.28 0.00	25.43 -0.28 0.00	25.40 -0.41 0.00	26.06 -0.18 0.00	26.65 0.29 0.00	26.69 0.32 0.00	28.30 0.34 0.00	30.26 0.36 0.00	31.02 0.28 0.00	34.35 0.34 0.00	37.40 0.33 0.00	42.49 0.55 0.00	50.45 0.30 0.00	63.91 0.70 0.00	74.42 0.07 0.00	77.26 0.54 0.00	69.43 0.69 0.00	66.69 1.14 -8.48	63.62 1.10 -12.74	55.73 1.05 -11.02
HQ_GEN_CEDARS_PROXY 323590	34.78 -0.24 0.00	29.43 -0.45 0.00	27.01 -0.41 0.00	25.29 -0.28 0.00	24.94 -0.28 0.00	25.43 -0.28 0.00	25.40 -0.41 0.00	26.06 -0.18 0.00	26.65 0.29 0.00	26.69 0.32 0.00	28.30 0.34 0.00	30.26 0.36 0.00	31.02 0.28 0.00	34.35 0.34 0.00	37.40 0.33 0.00	41.94 0.54 0.55	51.00 0.30 -0.55	63.91 0.70 0.00	74.42 0.07 0.00	77.57 0.85 0.00	69.43 0.69 0.00	66.69 1.14 -8.48	63.67 1.15 -12.74	55.95 1.27 -11.02

HQ_GEN_IMPORT 323601	34.82 -0.21 0.00	29.52 -0.36 0.00	27.07 -0.36 0.00	25.26 -0.31 0.00	24.91 -0.30 0.00	25.41 -0.31 0.00	25.48 -0.34 0.00	16.16 -0.18 9.90	36.31 0.05 -9.90	26.45 0.08 0.00	28.02 0.06 0.00	29.96 0.06 0.00	30.81 0.06 0.00	34.07 0.07 0.00	37.11 0.04 0.00	41.48 0.08 0.55	50.70 0.00 -0.55	63.28 0.06 0.00	74.34 0.00 0.00	76.88 0.15 0.00	68.88 0.14 0.00	57.04 0.23 0.25	49.65 0.25 0.38	43.60 0.26 0.33
HQ_GEN_WHEEL 23651	34.82 -0.21 0.00	29.52 -0.36 0.00	27.07 -0.36 0.00	25.26 -0.31 0.00	24.91 -0.30 0.00	25.41 -0.31 0.00	25.48 -0.34 0.00	16.16 -0.18 9.90	36.31 0.05 -9.90	26.45 0.08 0.00	28.02 0.06 0.00	29.96 0.06 0.00	30.81 0.06 0.00	34.07 0.07 0.00	37.11 0.04 0.00	41.48 0.08 0.55	50.70 0.00 -0.55	63.28 0.06 0.00	74.34 0.00 0.00	76.88 0.15 0.00	68.88 0.14 0.00	57.04 0.23 0.25	49.65 0.25 0.38	43.60 0.26 0.33
HUDSON AVE_GT_3 23810	36.85 1.82 0.00	31.61 1.73 0.00	28.88 1.45 0.00	26.90 1.33 0.00	26.60 1.39 0.00	27.05 1.34 0.00	27.39 1.57 0.00	27.84 1.60 0.00	27.87 1.50 0.00	27.95 1.58 0.00	29.58 1.62 0.00	31.82 1.91 0.00	32.81 2.06 0.00	36.28 2.28 0.00	39.52 2.45 0.00	44.59 2.64 0.00	52.86 2.71 0.00	65.87 2.66 0.00	77.09 2.75 0.00	79.33 2.61 0.00	70.88 2.13 0.00	58.72 1.65 0.00	51.43 1.64 0.00	45.10 1.44 0.00
HUDSON AVE_GT_4 23540	36.85 1.82 0.00	31.61 1.73 0.00	28.88 1.45 0.00	26.90 1.33 0.00	26.60 1.39 0.00	27.05 1.34 0.00	27.39 1.57 0.00	27.84 1.60 0.00	27.87 1.50 0.00	27.95 1.58 0.00	29.58 1.62 0.00	31.82 1.91 0.00	32.81 2.06 0.00	36.28 2.28 0.00	39.52 2.45 0.00	44.59 2.64 0.00	52.86 2.71 0.00	65.87 2.66 0.00	77.09 2.75 0.00	79.33 2.61 0.00	70.88 2.13 0.00	58.72 1.65 0.00	51.43 1.64 0.00	45.10 1.44 0.00
HUDSON AVE_GT_5 23657	36.85 1.82 0.00	31.61 1.73 0.00	28.88 1.45 0.00	26.90 1.33 0.00	26.60 1.39 0.00	27.05 1.34 0.00	27.39 1.57 0.00	27.84 1.60 0.00	27.87 1.50 0.00	27.95 1.58 0.00	29.58 1.62 0.00	31.82 1.91 0.00	32.81 2.06 0.00	36.28 2.28 0.00	39.52 2.45 0.00	44.59 2.64 0.00	52.86 2.71 0.00	65.87 2.66 0.00	77.09 2.75 0.00	79.33 2.61 0.00	70.88 2.13 0.00	58.72 1.65 0.00	51.43 1.64 0.00	45.10 1.44 0.00
HUDSON_AVE_10 24168	36.74 1.72 0.00	31.52 1.64 0.00	28.79 1.37 0.00	26.79 1.23 0.00	26.53 1.31 0.00	26.97 1.26 0.00	27.31 1.50 0.00	27.76 1.52 0.00	27.81 1.45 0.00	27.90 1.53 0.00	29.47 1.51 0.00	31.70 1.79 0.00	32.71 1.97 0.00	36.15 2.14 0.00	39.40 2.34 0.00	44.42 2.47 0.00	52.66 2.51 0.00	65.68 2.47 0.00	76.80 2.45 0.00	79.03 2.30 0.00	70.60 1.86 0.00	58.49 1.43 0.00	51.33 1.54 0.00	44.97 1.31 0.00
HUDSON___115KV_TB 4 355613	36.18 1.16 0.00	31.04 1.17 0.00	28.63 1.21 0.00	26.64 1.07 0.00	26.33 1.11 0.00	26.79 1.08 0.00	26.98 1.16 0.00	27.24 1.00 0.00	26.89 0.53 0.00	26.77 0.40 0.00	28.33 0.36 0.00	30.23 0.33 0.00	31.18 0.43 0.00	34.45 0.44 0.00	37.70 0.63 0.00	42.57 0.63 0.00	51.05 0.90 0.00	64.86 1.64 0.00	76.57 2.23 0.00	79.26 2.53 0.00	70.95 2.20 0.00	58.89 1.83 0.00	51.28 1.49 0.00	44.75 1.09 0.00
HUNTER MOUNT___DRP 323613	36.29 1.26 0.00	31.16 1.28 0.00	28.71 1.29 0.00	26.72 1.15 0.00	26.40 1.19 0.00	26.85 1.13 0.00	27.03 1.21 0.00	27.26 1.02 0.00	26.86 0.50 0.00	26.72 0.34 0.00	28.27 0.31 0.00	30.17 0.27 0.00	31.11 0.37 0.00	34.41 0.41 0.00	37.70 0.63 0.00	42.57 0.63 0.00	51.15 1.00 0.00	65.11 1.90 0.00	77.02 2.68 0.00	79.72 2.99 0.00	71.43 2.68 0.00	59.29 2.23 0.00	51.53 1.74 0.00	44.97 1.31 0.00
HUNTINGTON_RES_REC 323705	37.56 2.52 -0.01	32.00 2.12 0.00	29.31 1.89 0.00	27.07 1.51 0.00	26.70 1.49 0.00	27.10 1.39 0.00	27.23 1.42 0.00	27.84 1.60 0.00	27.68 1.32 0.00	28.14 1.77 0.00	30.07 2.10 -0.01	32.74 2.42 -0.42	36.01 2.61 -2.65	43.82 2.89 -6.93	44.63 3.08 -4.49	46.25 3.31 -0.99	52.66 2.51 -0.01	65.63 2.40 -0.01	76.05 1.71 0.00	77.27 0.54 0.00	69.16 0.41 0.00	57.58 0.51 0.00	49.54 -0.25 0.00	44.84 1.18 0.00
HUNTLEY___63 23557	35.24 0.21 0.00	30.33 0.45 0.00	28.00 0.58 0.00	25.97 0.41 0.00	25.42 0.20 0.00	26.02 0.31 0.00	25.69 -0.13 0.00	25.22 -1.02 0.00	24.97 -1.40 0.00	24.84 -1.53 0.00	27.07 -0.89 0.00	29.34 -0.57 0.00	30.32 -0.43 0.00	33.67 -0.34 0.00	36.70 -0.37 0.00	41.44 -0.50 0.00	50.70 0.55 0.00	63.79 0.57 0.00	74.42 0.07 0.00	76.65 -0.08 0.00	68.06 -0.69 0.00	55.70 -1.37 0.00	49.29 -0.50 0.00	43.92 0.26 0.00
HUNTLEY___64 23558	35.24 0.21 0.00	30.33 0.45 0.00	28.00 0.58 0.00	25.97 0.41 0.00	25.42 0.20 0.00	26.02 0.31 0.00	25.69 -0.13 0.00	25.22 -1.02 0.00	24.97 -1.40 0.00	24.84 -1.53 0.00	27.07 -0.89 0.00	29.34 -0.57 0.00	30.32 -0.43 0.00	33.67 -0.34 0.00	36.70 -0.37 0.00	41.44 -0.50 0.00	50.70 0.55 0.00	63.79 0.57 0.00	74.42 0.07 0.00	76.65 -0.08 0.00	68.06 -0.69 0.00	55.70 -1.37 0.00	49.29 -0.50 0.00	43.92 0.26 0.00
HUNTLEY___65 23559	35.24 0.21 0.00	30.33 0.45 0.00	28.00 0.58 0.00	25.97 0.41 0.00	25.42 0.20 0.00	26.02 0.31 0.00	25.69 -0.13 0.00	25.22 -1.02 0.00	24.97 -1.40 0.00	24.84 -1.53 0.00	27.07 -0.89 0.00	29.34 -0.57 0.00	30.32 -0.43 0.00	33.67 -0.34 0.00	36.70 -0.37 0.00	41.44 -0.50 0.00	50.70 0.55 0.00	63.79 0.57 0.00	74.42 0.07 0.00	76.65 -0.08 0.00	68.06 -0.69 0.00	55.70 -1.37 0.00	49.29 -0.50 0.00	43.92 0.26 0.00
HUNTLEY___66 23560	35.24 0.21 0.00	30.33 0.45 0.00	28.00 0.58 0.00	25.97 0.41 0.00	25.42 0.20 0.00	26.02 0.31 0.00	25.69 -0.13 0.00	25.22 -1.02 0.00	24.97 -1.40 0.00	24.84 -1.53 0.00	27.07 -0.89 0.00	29.34 -0.57 0.00	30.32 -0.43 0.00	33.67 -0.34 0.00	36.70 -0.37 0.00	41.44 -0.50 0.00	50.70 0.55 0.00	63.79 0.57 0.00	74.42 0.07 0.00	76.65 -0.08 0.00	68.06 -0.69 0.00	55.70 -1.37 0.00	49.29 -0.50 0.00	43.92 0.26 0.00
HUNTLEY___67 23561	34.92 -0.11 0.00	30.18 0.30 0.00	27.86 0.44 0.00	25.85 0.28 0.00	25.32 0.10 0.00	25.87 0.15 0.00	25.58 -0.23 0.00	25.14 -1.10 0.00	24.91 -1.45 0.00	24.79 -1.58 0.00	26.98 -0.98 0.00	29.22 -0.69 0.00	30.16 -0.58 0.00	33.46 -0.54 0.00	36.48 -0.59 0.00	41.19 -0.76 0.00	50.40 0.25 0.00	63.34 0.13 0.00	73.90 -0.45 0.00	76.19 -0.54 0.00	67.71 -1.03 0.00	55.41 -1.65 0.00	48.99 -0.80 0.00	43.62 -0.04 0.00
HUNTLEY___68 23562	34.92 -0.11 0.00	30.18 0.30 0.00	27.86 0.44 0.00	25.85 0.28 0.00	25.32 0.10 0.00	25.87 0.15 0.00	25.58 -0.23 0.00	25.14 -1.10 0.00	24.91 -1.45 0.00	24.79 -1.58 0.00	26.98 -0.98 0.00	29.22 -0.69 0.00	30.16 -0.58 0.00	33.46 -0.54 0.00	36.48 -0.59 0.00	41.19 -0.76 0.00	50.40 0.25 0.00	63.34 0.13 0.00	73.90 -0.45 0.00	76.19 -0.54 0.00	67.71 -1.03 0.00	55.41 -1.65 0.00	48.99 -0.80 0.00	43.62 -0.04 0.00

HYLAND___LFGE 323620	36.95 1.93 0.00	31.70 1.82 0.00	29.20 1.78 0.00	27.02 1.46 0.00	26.58 1.36 0.00	27.20 1.49 0.00	26.92 1.11 0.00	26.34 0.11 0.00	25.81 -0.55 0.00	25.71 -0.66 0.00	27.21 -0.75 0.00	29.19 -0.72 0.00	30.13 -0.61 0.00	33.50 -0.51 0.00	36.70 -0.37 0.00	41.78 -0.17 0.00	51.20 1.05 0.00	65.49 2.27 0.00	78.88 4.54 0.00	82.87 6.14 0.00	74.25 5.50 0.00	61.18 4.11 0.00	53.12 3.34 0.00	46.67 3.01 0.00
INDECK___CORINTH 23802	36.22 1.19 0.00	30.95 1.07 0.00	28.44 1.02 0.00	26.46 0.89 0.00	26.10 0.88 0.00	26.64 0.92 0.00	26.80 0.98 0.00	27.03 0.79 0.00	26.78 0.42 0.00	26.66 0.29 0.00	27.99 0.03 0.00	29.90 0.00 0.00	30.84 0.09 0.00	34.11 0.10 0.00	37.29 0.22 0.00	42.20 0.25 0.00	50.65 0.50 0.00	64.48 1.26 0.00	76.94 2.60 0.00	79.57 2.84 0.00	71.57 2.82 0.00	59.23 2.17 0.00	51.57 1.79 0.00	44.93 1.27 0.00
INDECK___ILION 23567	34.89 -0.14 0.00	29.79 -0.09 0.00	27.37 -0.05 0.00	25.49 -0.08 0.00	25.17 -0.05 0.00	25.66 -0.05 0.00	25.76 -0.05 0.00	26.16 -0.08 0.00	26.21 -0.16 0.00	26.19 -0.18 0.00	27.74 -0.22 0.00	29.66 -0.24 0.00	30.53 -0.22 0.00	33.77 -0.24 0.00	36.81 -0.26 0.00	41.65 -0.29 0.00	49.85 -0.30 0.00	62.77 -0.44 0.00	74.05 -0.30 0.00	76.50 -0.23 0.00	68.47 -0.27 0.00	56.89 -0.17 0.00	49.58 -0.20 0.00	43.44 -0.22 0.00
INDECK___OLEAN 23982	34.19 -0.84 0.00	29.67 -0.21 0.00	27.37 -0.05 0.00	25.39 -0.18 0.00	24.81 -0.40 0.00	25.41 -0.31 0.00	25.17 -0.64 0.00	24.87 -1.37 0.00	24.78 -1.58 0.00	24.92 -1.45 0.00	26.68 -1.29 0.00	28.89 -1.02 0.00	29.85 -0.89 0.00	33.09 -0.92 0.00	36.03 -1.04 0.00	40.85 -1.09 0.00	50.00 -0.15 0.00	62.78 -0.44 0.00	74.12 -0.22 0.00	76.19 -0.53 0.00	67.72 -1.03 0.00	55.64 -1.42 0.00	48.74 -1.05 0.00	42.79 -0.87 0.00
INDECK___OSWEGO 23783	34.47 -0.56 0.00	29.46 -0.42 0.00	27.15 -0.27 0.00	25.29 -0.28 0.00	24.89 -0.33 0.00	25.41 -0.31 0.00	25.45 -0.36 0.00	25.71 -0.52 0.00	25.71 -0.66 0.00	25.74 -0.63 0.00	27.32 -0.64 0.00	29.16 -0.75 0.00	29.95 -0.80 0.00	33.16 -0.85 0.00	36.10 -0.96 0.00	40.90 -1.05 0.00	48.65 -1.50 0.00	61.32 -1.89 0.00	72.41 -1.93 0.00	74.81 -1.92 0.00	66.96 -1.79 0.00	55.78 -1.54 0.00	49.17 -1.00 0.00	43.07 -0.92 -0.33
INDECK___YERKES 23781	35.13 0.11 0.00	30.35 0.48 0.00	28.08 0.66 0.00	26.00 0.43 0.00	25.44 0.23 0.00	26.02 0.31 0.00	25.69 -0.13 0.00	25.24 -1.00 0.00	25.13 -1.24 0.00	25.27 -1.11 0.00	27.09 -0.87 0.00	29.40 -0.51 0.00	30.35 -0.40 0.00	33.67 -0.34 0.00	36.73 -0.33 0.00	41.49 -0.46 0.00	50.95 0.80 0.00	63.91 0.70 0.00	75.24 0.90 0.00	77.27 0.54 0.00	68.47 -0.27 0.00	56.38 -0.68 0.00	49.49 -0.30 0.00	43.92 0.26 0.00
INDIAN POINT_GT_1 24139	36.46 1.44 0.00	31.31 1.43 0.00	28.63 1.21 0.00	26.67 1.10 0.00	26.35 1.13 0.00	26.82 1.11 0.00	27.08 1.26 0.00	27.52 1.29 0.00	27.50 1.13 0.00	27.56 1.19 0.00	29.19 1.23 0.00	31.37 1.47 0.00	32.34 1.60 0.00	35.74 1.73 0.00	38.96 1.89 0.00	44.00 2.06 0.00	52.21 2.06 0.00	65.30 2.09 0.00	76.57 2.23 0.00	78.87 2.15 0.00	70.46 1.72 0.00	58.38 1.31 0.00	51.03 1.24 0.00	44.75 1.09 0.00
INDIAN POINT_GT_2 23659	36.46 1.44 0.00	31.31 1.43 0.00	28.63 1.21 0.00	26.67 1.10 0.00	26.35 1.13 0.00	26.82 1.11 0.00	27.08 1.26 0.00	27.52 1.29 0.00	27.50 1.13 0.00	27.56 1.19 0.00	29.19 1.23 0.00	31.37 1.47 0.00	32.34 1.60 0.00	35.74 1.73 0.00	38.96 1.89 0.00	44.00 2.06 0.00	52.21 2.06 0.00	65.30 2.09 0.00	76.57 2.23 0.00	78.87 2.15 0.00	70.46 1.72 0.00	58.38 1.31 0.00	51.03 1.24 0.00	44.75 1.09 0.00
INDIAN POINT_GT_3 24019	36.46 1.44 0.00	31.31 1.43 0.00	28.63 1.21 0.00	26.67 1.10 0.00	26.35 1.13 0.00	26.82 1.11 0.00	27.08 1.26 0.00	27.52 1.29 0.00	27.50 1.13 0.00	27.56 1.19 0.00	29.19 1.23 0.00	31.37 1.47 0.00	32.34 1.60 0.00	35.74 1.73 0.00	38.96 1.89 0.00	44.00 2.06 0.00	52.21 2.06 0.00	65.30 2.09 0.00	76.57 2.23 0.00	78.87 2.15 0.00	70.46 1.72 0.00	58.38 1.31 0.00	51.03 1.24 0.00	44.75 1.09 0.00
INDIAN POINT___2 23530	36.43 1.40 0.00	31.28 1.40 0.00	28.66 1.24 0.00	26.64 1.07 0.00	26.32 1.11 0.00	26.79 1.08 0.00	27.05 1.24 0.00	27.50 1.26 0.00	27.45 1.08 0.00	27.48 1.11 0.00	29.16 1.20 0.00	31.37 1.46 0.00	32.31 1.57 0.00	35.71 1.70 0.00	38.92 1.85 0.00	43.96 2.01 0.00	52.16 2.01 0.00	65.18 1.96 0.00	76.20 1.86 0.00	78.11 1.38 0.00	70.12 1.37 0.00	58.15 1.08 0.00	50.83 1.05 0.00	44.62 0.96 0.00
INDIAN POINT___3 23531	36.43 1.40 0.00	31.28 1.40 0.00	28.60 1.18 0.00	26.64 1.07 0.00	26.33 1.11 0.00	26.79 1.08 0.00	27.08 1.26 0.00	27.50 1.26 0.00	27.47 1.11 0.00	27.53 1.16 0.00	29.16 1.20 0.00	31.34 1.44 0.00	32.31 1.57 0.00	35.71 1.70 0.00	38.92 1.85 0.00	43.92 1.97 0.00	52.11 1.96 0.00	65.24 2.02 0.00	76.43 2.08 0.00	78.72 1.99 0.00	70.33 1.58 0.00	58.32 1.26 0.00	50.98 1.19 0.00	44.71 1.05 0.00
INGHAM_C_115KV_TB7 356103	34.36 -0.67 0.00	29.34 -0.54 0.00	26.93 -0.49 0.00	25.08 -0.49 0.00	24.79 -0.43 0.00	25.28 -0.44 0.00	25.38 -0.44 0.00	25.77 -0.47 0.00	25.81 -0.55 0.00	25.79 -0.58 0.00	27.29 -0.67 0.00	29.19 -0.72 0.00	30.04 -0.71 0.00	33.26 -0.75 0.00	36.14 -0.93 0.00	40.94 -1.01 0.00	49.00 -1.15 0.00	61.70 -1.52 0.00	72.78 -1.56 0.00	75.35 -1.38 0.00	67.51 -1.24 0.00	56.21 -0.86 0.00	48.94 -0.85 0.00	42.88 -0.79 0.00
IP CORINTH___1 23988	36.39 1.37 0.00	31.10 1.22 0.00	28.57 1.15 0.00	26.61 1.05 0.00	26.22 1.01 0.00	26.79 1.08 0.00	26.95 1.14 0.00	27.16 0.92 0.00	26.92 0.55 0.00	26.85 0.47 0.00	28.13 0.17 0.00	30.05 0.15 0.00	30.99 0.25 0.00	34.28 0.27 0.00	37.48 0.41 0.00	42.45 0.50 0.00	50.95 0.80 0.00	64.86 1.64 0.00	77.39 3.05 0.00	80.18 3.45 0.00	71.91 3.16 0.00	59.58 2.51 0.00	51.87 2.09 0.00	45.19 1.53 0.00
IP___TICONDEROGA 23804	37.62 2.59 0.00	32.09 2.21 0.00	29.51 2.08 0.00	27.43 1.87 0.00	27.03 1.82 0.00	27.64 1.93 0.00	27.80 1.99 0.00	27.84 1.60 0.00	27.47 1.11 0.00	27.37 1.00 0.00	28.72 0.75 0.00	30.65 0.75 0.00	31.70 0.95 0.00	35.09 1.09 0.00	38.48 1.41 0.00	43.71 1.76 0.00	52.66 2.51 0.00	67.39 4.17 0.00	80.74 6.39 0.00	84.02 7.29 0.00	75.28 6.53 0.00	62.26 5.19 0.00	54.16 4.38 0.00	47.02 3.36 0.00
ISLIP_RES_REC 323679	37.98 2.94 -0.01	32.33 2.45 0.00	29.62 2.19 0.00	27.33 1.76 0.00	26.95 1.74 0.00	27.33 1.62 0.00	27.47 1.65 0.00	28.08 1.84 0.00	27.87 1.50 0.00	28.40 2.03 0.00	30.40 2.43 -0.01	33.07 2.75 -0.42	36.41 3.01 -2.65	44.23 3.30 -6.93	45.19 3.63 -4.49	47.05 4.11 -0.99	53.67 3.51 -0.01	66.89 3.67 -0.01	77.54 3.19 0.00	78.65 1.92 0.00	70.39 1.65 0.00	58.61 1.54 0.00	50.33 0.55 0.00	45.49 1.83 0.00

JAMAICA__27_KV_LOAD 355505	36.88 1.86 0.00	31.61 1.73 0.00	28.85 1.43 0.00	26.84 1.28 0.00	26.58 1.36 0.00	27.03 1.31 0.00	27.39 1.57 0.00	27.89 1.65 0.00	27.95 1.58 0.00	28.06 1.69 0.00	29.53 1.57 0.00	31.76 1.85 0.00	32.78 2.03 0.00	36.25 2.24 0.00	39.52 2.45 0.00	44.46 2.52 0.00	52.76 2.61 0.00	65.81 2.59 0.00	76.95 2.60 0.00	79.18 2.46 0.00	70.74 1.99 0.00	58.55 1.48 0.00	51.58 1.79 0.00	45.10 1.44 0.00
JANIS__SOLAR 323808	36.53 1.51 0.00	31.22 1.35 0.00	28.74 1.32 0.00	26.77 1.20 0.00	26.32 1.11 0.00	26.95 1.23 0.00	26.90 1.08 0.00	26.92 0.68 0.00	26.63 0.26 0.00	26.48 0.11 0.00	27.99 0.03 0.00	29.96 0.06 0.00	30.90 0.15 0.00	34.35 0.34 0.00	37.52 0.45 0.00	42.74 0.79 0.00	51.75 1.60 0.00	65.56 2.34 0.00	78.58 4.24 0.00	81.87 5.14 0.00	73.15 4.40 0.00	60.43 3.37 0.00	52.47 2.69 0.00	45.76 2.10 0.00
JARVIS____ 23743	35.13 0.11 0.00	30.03 0.15 0.00	27.56 0.14 0.00	25.69 0.13 0.00	25.34 0.13 0.00	25.84 0.13 0.00	25.97 0.16 0.00	26.34 0.11 0.00	26.39 0.03 0.00	26.37 0.00 0.00	27.96 0.00 0.00	29.90 0.00 0.00	30.75 0.00 0.00	34.04 0.03 0.00	37.11 0.04 0.00	41.99 0.04 0.00	50.20 0.05 0.00	63.28 0.06 0.00	74.49 0.15 0.00	76.80 0.08 0.00	68.81 0.07 0.00	57.12 0.06 0.00	49.78 0.00 0.00	43.66 0.00 0.00
JENNISON____1 23625	36.64 1.61 0.00	31.37 1.49 0.00	28.79 1.37 0.00	26.84 1.28 0.00	26.48 1.26 0.00	27.05 1.34 0.00	27.03 1.21 0.00	27.10 0.87 0.00	26.89 0.53 0.00	26.77 0.40 0.00	28.38 0.42 0.00	30.47 0.57 0.00	31.48 0.74 0.00	34.99 0.99 0.00	38.22 1.15 0.00	43.50 1.55 0.00	52.46 2.31 0.00	66.12 2.91 0.00	78.80 4.46 0.00	81.94 5.22 0.00	73.08 4.33 0.00	60.38 3.31 0.00	52.47 2.69 0.00	45.84 2.18 0.00
JENNISON____2 23626	36.64 1.61 0.00	31.37 1.49 0.00	28.79 1.37 0.00	26.84 1.28 0.00	26.48 1.26 0.00	27.05 1.34 0.00	27.03 1.21 0.00	27.10 0.87 0.00	26.89 0.53 0.00	26.77 0.40 0.00	28.38 0.42 0.00	30.47 0.57 0.00	31.48 0.74 0.00	34.99 0.99 0.00	38.22 1.15 0.00	43.50 1.55 0.00	52.46 2.31 0.00	66.12 2.91 0.00	78.80 4.46 0.00	81.94 5.22 0.00	73.08 4.33 0.00	60.38 3.31 0.00	52.47 2.69 0.00	45.84 2.18 0.00
JERICOHO_RISE_WT_PWR 323719	34.19 -0.84 0.00	28.89 -0.99 0.00	26.52 -0.90 0.00	24.85 -0.72 0.00	24.51 -0.71 0.00	24.97 -0.75 0.00	24.99 -0.83 0.00	25.69 -0.55 0.00	26.18 -0.18 0.00	26.27 -0.11 0.00	27.82 -0.14 0.00	29.75 -0.15 0.00	30.50 -0.25 0.00	33.77 -0.24 0.00	36.77 -0.30 0.00	41.74 -0.21 0.00	49.35 -0.80 0.00	62.46 -0.76 0.00	73.23 -1.11 0.00	76.34 -0.38 0.00	68.27 -0.48 0.00	57.21 -0.28 -0.43	50.33 -0.10 -0.64	44.48 0.26 -0.56
KATONAH__115KV_46KV_TB4 355592	36.53 1.51 0.00	31.37 1.49 0.00	28.71 1.29 0.00	26.74 1.18 0.00	26.45 1.24 0.00	26.92 1.21 0.00	27.18 1.37 0.00	27.58 1.34 0.00	27.55 1.19 0.00	27.59 1.21 0.00	29.19 1.23 0.00	31.37 1.47 0.00	32.34 1.60 0.00	35.74 1.73 0.00	39.07 2.00 0.00	44.13 2.18 0.00	52.36 2.21 0.00	65.75 2.53 0.00	77.24 2.90 0.00	79.57 2.84 0.00	71.01 2.27 0.00	58.78 1.71 0.00	51.33 1.54 0.00	45.01 1.35 0.00
KCE_NY_1 323755	36.60 1.58 0.00	31.34 1.46 0.00	28.77 1.34 0.00	26.79 1.23 0.00	26.43 1.21 0.00	26.97 1.26 0.00	27.13 1.32 0.00	27.39 1.15 0.00	27.18 0.82 0.00	27.03 0.66 0.00	28.58 0.61 0.00	30.53 0.63 0.00	31.48 0.74 0.00	34.82 0.81 0.00	38.07 1.00 0.00	43.08 1.13 0.00	51.65 1.50 0.00	65.56 2.34 0.00	77.54 3.19 0.00	80.02 3.30 0.00	71.91 3.16 0.00	59.64 2.57 0.00	51.92 2.14 0.00	45.36 1.70 0.00
KCE_NY_6_ESR 323823	35.17 0.14 0.00	30.39 0.51 0.00	28.08 0.66 0.00	26.03 0.46 0.00	25.47 0.25 0.00	26.05 0.33 0.00	25.74 -0.08 0.00	25.32 -0.92 0.00	25.26 -1.11 0.00	25.37 -1.00 0.00	27.21 -0.75 0.00	29.48 -0.42 0.00	30.44 -0.31 0.00	33.80 -0.20 0.00	36.85 -0.22 0.00	41.65 -0.29 0.00	51.10 0.95 0.00	64.10 0.88 0.00	75.61 1.26 0.00	77.65 0.92 0.00	68.88 0.14 0.00	56.67 -0.40 0.00	49.73 -0.05 0.00	43.97 0.31 0.00
KEDC_PORT_JEFF_GT2 24210	37.77 2.73 -0.01	32.18 2.30 0.00	29.48 2.06 0.00	27.20 1.64 0.00	26.83 1.62 0.00	27.23 1.52 0.00	27.36 1.55 0.00	27.94 1.70 0.00	27.76 1.40 0.00	28.27 1.90 0.00	30.23 2.26 -0.01	32.89 2.57 -0.42	36.20 2.80 -2.65	43.96 3.03 -6.93	44.89 3.34 -4.49	46.67 3.73 -0.99	53.22 3.06 -0.01	66.13 2.91 -0.01	76.42 2.08 0.00	77.57 0.85 0.00	69.43 0.69 0.00	58.15 1.08 0.00	49.93 0.15 0.00	45.19 1.53 0.00
KEDC_PORT_JEFF_GT3 24211	37.77 2.73 -0.01	32.18 2.30 0.00	29.48 2.06 0.00	27.20 1.64 0.00	26.83 1.62 0.00	27.23 1.52 0.00	27.36 1.55 0.00	27.94 1.70 0.00	27.76 1.40 0.00	28.27 1.90 0.00	30.23 2.26 -0.01	32.89 2.57 -0.42	36.20 2.80 -2.65	43.96 3.03 -6.93	44.89 3.34 -4.49	46.67 3.73 -0.99	53.22 3.06 -0.01	66.13 2.91 -0.01	76.42 2.08 0.00	77.57 0.85 0.00	69.43 0.69 0.00	58.15 1.08 0.00	49.93 0.15 0.00	45.19 1.53 0.00
KEDC_GLWD_GT4 24219	37.21 2.17 -0.01	31.85 1.97 0.00	29.15 1.73 0.00	27.02 1.46 0.00	26.68 1.46 0.00	27.13 1.41 0.00	27.34 1.52 0.00	27.84 1.60 0.00	27.76 1.40 0.00	28.01 1.64 0.00	29.81 1.85 -0.01	32.48 2.15 -0.42	35.71 2.31 -2.65	43.45 2.52 -6.93	44.30 2.74 -4.49	45.96 3.02 -0.99	53.07 2.91 -0.01	65.82 2.59 -0.01	76.57 2.23 0.00	78.18 1.45 0.00	70.12 1.37 0.00	58.21 1.14 0.00	50.88 1.09 0.00	45.15 1.49 0.00
KEDC_GLWD_GT5 24220	37.21 2.17 -0.01	31.85 1.97 0.00	29.15 1.73 0.00	27.02 1.46 0.00	26.68 1.46 0.00	27.13 1.41 0.00	27.34 1.52 0.00	27.84 1.60 0.00	27.76 1.40 0.00	28.01 1.64 0.00	29.81 1.85 -0.01	32.48 2.15 -0.42	35.71 2.31 -2.65	43.45 2.52 -6.93	44.30 2.74 -4.49	45.96 3.02 -0.99	53.07 2.91 -0.01	65.82 2.59 -0.01	76.57 2.23 0.00	78.18 1.45 0.00	70.12 1.37 0.00	58.21 1.14 0.00	50.88 1.09 0.00	45.15 1.49 0.00
KENSICO____ 23655	36.60 1.58 0.00	31.40 1.52 0.00	28.74 1.32 0.00	26.74 1.18 0.00	26.45 1.24 0.00	26.90 1.18 0.00	27.18 1.37 0.00	27.63 1.39 0.00	27.60 1.24 0.00	27.69 1.32 0.00	29.33 1.37 0.00	31.52 1.61 0.00	32.50 1.75 0.00	35.91 1.90 0.00	39.14 2.08 0.00	44.17 2.22 0.00	52.41 2.26 0.00	65.56 2.34 0.00	76.80 2.45 0.00	79.10 2.38 0.00	70.60 1.86 0.00	58.55 1.48 0.00	51.18 1.39 0.00	44.88 1.22 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.53 1.51 0.00	31.37 1.49 0.00	28.63 1.21 0.00	26.67 1.10 0.00	26.38 1.16 0.00	26.79 1.08 0.00	27.08 1.26 0.00	27.45 1.21 0.00	27.39 1.03 0.00	27.40 1.03 0.00	29.05 1.09 0.00	31.19 1.29 0.00	32.19 1.45 0.00	35.64 1.63 0.00	38.92 1.85 0.00	44.04 2.10 0.00	52.46 2.31 0.00	66.00 2.78 0.00	77.61 3.27 0.00	80.03 3.30 0.00	71.56 2.82 0.00	59.23 2.17 0.00	51.53 1.74 0.00	45.15 1.48 0.00

KIAC_JFK_GT1 23816	36.67 1.65 0.00	31.43 1.55 0.00	28.71 1.29 0.00	26.72 1.15 0.00	26.43 1.21 0.00	26.90 1.18 0.00	27.26 1.45 0.00	27.73 1.50 0.00	27.81 1.45 0.00	27.90 1.53 0.00	29.36 1.40 0.00	31.58 1.67 0.00	32.59 1.84 0.00	36.05 2.04 0.00	39.29 2.22 0.00	44.04 2.10 0.00	52.26 2.11 0.00	65.11 1.90 0.00	76.20 1.86 0.00	78.41 1.69 0.00	70.05 1.31 0.00	57.98 0.91 0.00	51.08 1.29 0.00	44.67 1.00 0.00
KIAC_JFK_GT2 23817	36.67 1.65 0.00	31.43 1.55 0.00	28.71 1.29 0.00	26.72 1.15 0.00	26.43 1.21 0.00	26.90 1.18 0.00	27.26 1.45 0.00	27.73 1.50 0.00	27.81 1.45 0.00	27.90 1.53 0.00	29.36 1.40 0.00	31.58 1.67 0.00	32.59 1.84 0.00	36.05 2.04 0.00	39.29 2.22 0.00	44.04 2.10 0.00	52.26 2.11 0.00	65.11 1.90 0.00	76.20 1.86 0.00	78.41 1.69 0.00	70.05 1.31 0.00	57.98 0.91 0.00	51.08 1.29 0.00	44.67 1.00 0.00
KIAC_JFK____ 323774	36.67 1.65 0.00	31.46 1.58 0.00	28.77 1.34 0.00	26.72 1.15 0.00	26.43 1.21 0.00	26.90 1.18 0.00	27.26 1.44 0.00	27.73 1.49 0.00	27.79 1.42 0.00	27.85 1.48 0.00	29.36 1.40 0.00	31.58 1.67 0.00	32.59 1.84 0.00	36.05 2.04 0.00	39.29 2.22 0.00	44.00 2.05 0.00	52.21 2.06 0.00	65.18 1.96 0.00	75.91 1.56 0.00	77.80 1.07 0.00	69.78 1.03 0.00	57.81 0.74 0.00	50.98 1.19 0.00	44.62 0.96 0.00
KINTIGH__24_KV_GSU 356498	34.92 -0.10 0.00	30.09 0.21 0.00	27.84 0.41 0.00	25.80 0.23 0.00	25.29 0.08 0.00	25.82 0.10 0.00	25.58 -0.23 0.00	25.24 -1.00 0.00	25.15 -1.21 0.00	25.27 -1.11 0.00	27.04 -0.92 0.00	29.22 -0.69 0.00	30.13 -0.61 0.00	33.40 -0.61 0.00	36.44 -0.63 0.00	41.15 -0.80 0.00	50.35 0.20 0.00	63.22 0.00 0.00	74.49 0.15 0.00	76.50 -0.23 0.00	67.85 -0.90 0.00	55.98 -1.09 0.00	49.04 -0.75 0.00	43.49 -0.17 0.00
KINTIGH____ 23543	34.96 -0.07 0.00	30.09 0.21 0.00	27.78 0.36 0.00	25.80 0.23 0.00	25.29 0.08 0.00	25.82 0.10 0.00	25.58 -0.23 0.00	25.24 -1.00 0.00	25.05 -1.32 0.00	24.95 -1.42 0.00	27.04 -0.92 0.00	29.22 -0.69 0.00	30.13 -0.61 0.00	33.39 -0.61 0.00	36.44 -0.63 0.00	41.15 -0.80 0.00	50.20 0.05 0.00	63.15 -0.06 0.00	73.75 -0.59 0.00	76.04 -0.69 0.00	67.58 -1.17 0.00	55.41 -1.65 0.00	48.89 -0.90 0.00	43.49 -0.17 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	34.68 -0.35 0.00	29.31 -0.57 0.00	26.93 -0.49 0.00	25.28 -0.28 0.00	24.91 -0.30 0.00	25.38 -0.33 0.00	25.35 -0.46 0.00	26.06 -0.18 0.00	26.52 0.16 0.00	26.64 0.26 0.00	28.27 0.31 0.00	30.23 0.33 0.00	30.96 0.22 0.00	34.28 0.27 0.00	37.33 0.26 0.00	42.41 0.46 0.00	49.85 -0.30 0.00	63.15 -0.06 0.00	74.05 -0.30 0.00	77.19 0.46 0.00	69.23 0.48 0.00	57.47 0.40 0.00	50.08 0.30 0.00	44.18 0.52 0.00
LACHUTE____HYDRO 323717	37.62 2.59 0.00	32.12 2.24 0.00	29.51 2.08 0.00	27.43 1.87 0.00	27.03 1.82 0.00	27.64 1.93 0.00	27.80 1.99 0.00	27.84 1.60 0.00	27.47 1.11 0.00	27.32 0.95 0.00	28.74 0.78 0.00	30.65 0.75 0.00	31.70 0.95 0.00	35.09 1.09 0.00	38.48 1.41 0.00	43.71 1.76 0.00	52.66 2.51 0.00	67.39 4.17 0.00	80.74 6.39 0.00	83.78 7.05 0.00	75.35 6.60 0.00	62.26 5.19 0.00	54.11 4.33 0.00	46.98 3.32 0.00
LAWRNCV_115KV_TB1 80681	34.89 -0.14 0.00	29.49 -0.39 0.00	27.07 -0.36 0.00	25.36 -0.20 0.00	25.01 -0.20 0.00	25.51 -0.21 0.00	25.45 -0.36 0.00	26.08 -0.16 0.00	26.63 0.26 0.00	26.69 0.32 0.00	28.24 0.28 0.00	30.23 0.33 0.00	30.99 0.25 0.00	34.31 0.31 0.00	37.37 0.30 0.00	42.45 0.50 0.00	50.45 0.30 0.00	63.98 0.76 0.00	74.72 0.37 0.00	77.80 1.07 0.00	69.91 1.17 0.00	65.22 1.54 -6.61	61.05 1.34 -9.93	53.47 1.22 -8.59
LEDERLE____ 23769	36.57 1.54 0.00	31.43 1.55 0.00	28.71 1.29 0.00	26.74 1.18 0.00	26.43 1.21 0.00	26.90 1.18 0.00	27.18 1.37 0.00	27.58 1.34 0.00	27.55 1.19 0.00	27.61 1.24 0.00	29.28 1.31 0.00	31.49 1.58 0.00	32.47 1.72 0.00	35.88 1.87 0.00	39.14 2.08 0.00	44.21 2.27 0.00	52.46 2.31 0.00	65.62 2.40 0.00	76.95 2.60 0.00	79.26 2.53 0.00	70.81 2.06 0.00	58.72 1.65 0.00	51.23 1.44 0.00	44.93 1.27 0.00
LIGHTHSE_115KV_TB6 355974	35.10 0.07 0.00	29.88 0.00 0.00	27.48 0.05 0.00	25.62 0.05 0.00	25.22 0.00 0.00	25.69 -0.03 0.00	25.66 -0.15 0.00	25.90 -0.34 0.00	25.84 -0.53 0.00	25.79 -0.58 0.00	27.40 -0.56 0.00	29.34 -0.57 0.00	30.16 -0.58 0.00	33.39 -0.61 0.00	36.33 -0.74 0.00	41.23 -0.71 0.00	49.50 -0.65 0.00	62.39 -0.82 0.00	73.97 -0.37 0.00	76.88 0.15 0.00	68.81 0.07 0.00	57.60 -0.06 -0.59	50.57 -0.10 -0.88	44.38 -0.04 -0.76
LINDEN COGEN____ 23786	28.67 1.58 7.93	31.40 1.52 0.00	28.74 1.32 0.00	26.72 1.15 0.00	26.45 1.24 0.00	26.90 1.18 0.00	27.23 1.42 0.00	27.68 1.44 0.00	27.71 1.34 0.00	27.77 1.40 0.00	29.42 1.45 0.00	31.64 1.73 0.00	32.65 1.91 0.00	36.08 2.07 0.00	39.33 2.26 0.00	44.25 2.31 0.00	52.46 2.31 0.00	65.37 2.15 0.00	76.20 1.86 0.00	78.03 1.30 0.00	69.98 1.24 0.00	58.04 0.97 0.00	50.93 1.15 0.00	44.66 0.01 0.01
LINDHRST_69_KV_BK1 356055	37.93 2.91 0.00	32.33 2.45 0.00	29.51 2.08 0.00	27.33 1.76 0.00	26.98 1.77 0.00	27.39 1.67 0.00	27.52 1.70 0.00	28.10 1.86 0.00	27.95 1.58 0.00	28.43 2.06 0.00	30.31 2.35 0.00	32.98 2.66 -0.42	36.23 2.83 -2.65	44.03 3.09 -6.93	44.93 3.37 -4.49	46.67 3.73 -0.99	54.16 4.01 0.00	67.70 4.49 0.00	78.95 4.61 0.00	80.95 4.22 0.00	72.05 3.30 0.00	59.98 2.91 0.00	51.67 1.89 0.00	45.97 2.31 0.00
LIPA_MISC_IPP 23656	37.55 2.52 0.00	31.97 2.09 0.00	29.21 1.78 0.00	27.05 1.48 0.00	26.68 1.46 0.00	27.08 1.36 0.00	27.18 1.37 0.00	27.79 1.55 0.00	27.63 1.27 0.00	28.14 1.77 0.00	30.06 2.10 0.00	32.69 2.36 -0.42	35.98 2.58 -2.65	43.76 2.82 -6.93	44.60 3.04 -4.49	46.38 3.44 -0.99	53.86 3.71 0.00	67.33 4.11 0.00	78.51 4.16 0.00	80.33 3.61 0.00	71.36 2.61 0.00	59.35 2.28 0.00	50.98 1.19 0.00	45.41 1.75 0.00
LISF____SOLAR 323691	37.59 2.56 -0.01	32.00 2.12 0.00	29.34 1.92 0.00	27.07 1.51 0.00	26.70 1.49 0.00	27.10 1.39 0.00	27.21 1.39 0.00	27.81 1.57 0.00	27.63 1.27 0.00	28.11 1.74 0.00	30.07 2.10 -0.01	32.72 2.39 -0.42	36.01 2.61 -2.65	43.79 2.86 -6.93	44.67 3.11 -4.49	46.46 3.52 -0.99	53.02 2.86 -0.01	66.13 2.91 -0.01	76.65 2.31 0.00	77.80 1.07 0.00	69.64 0.89 0.00	57.92 0.86 0.00	49.73 -0.05 0.00	45.02 1.35 0.00
LITTLE FALLS____HYD 24013	34.36 -0.67 0.00	29.34 -0.54 0.00	26.93 -0.49 0.00	25.08 -0.49 0.00	24.79 -0.43 0.00	25.28 -0.44 0.00	25.38 -0.44 0.00	25.77 -0.47 0.00	25.81 -0.55 0.00	25.79 -0.58 0.00	27.29 -0.67 0.00	29.19 -0.72 0.00	30.04 -0.71 0.00	33.26 -0.75 0.00	36.14 -0.93 0.00	40.94 -1.01 0.00	49.00 -1.15 0.00	61.70 -1.52 0.00	72.78 -1.56 0.00	75.35 -1.38 0.00	67.51 -1.24 0.00	56.21 -0.86 0.00	48.94 -0.85 0.00	42.88 -0.79 0.00

LITTLRIV_115KV_TB1 356100	35.31 0.28 0.00	29.82 -0.06 0.00	27.34 -0.08 0.00	25.62 0.05 0.00	25.32 0.10 0.00	25.79 0.08 0.00	25.71 -0.10 0.00	26.29 0.05 0.00	26.79 0.42 0.00	26.79 0.42 0.00	28.33 0.36 0.00	30.32 0.42 0.00	31.08 0.34 0.00	34.45 0.44 0.00	37.48 0.41 0.00	42.66 0.71 0.00	50.70 0.55 0.00	64.42 1.20 0.00	75.53 1.19 0.00	78.95 2.23 0.00	71.01 2.27 0.00	65.82 2.45 -6.30	61.39 2.14 -9.47	53.68 1.83 -8.19
LI_NEWBRDGE___DRP 323616	37.23 2.21 0.00	31.79 1.91 0.00	29.04 1.62 0.00	26.92 1.35 0.00	26.58 1.36 0.00	26.97 1.26 0.00	27.16 1.34 0.00	27.71 1.47 0.00	27.60 1.24 0.00	27.98 1.61 0.00	29.75 1.79 0.00	32.36 2.03 -0.42	35.58 2.18 -2.65	43.28 2.35 -6.93	44.08 2.52 -4.49	45.67 2.73 -0.99	53.01 2.86 0.00	66.38 3.16 0.00	77.47 3.12 0.00	79.49 2.76 0.00	70.81 2.06 0.00	58.84 1.77 0.00	50.88 1.10 0.00	45.19 1.53 0.00
LOCKPORT_115KV_TB60_63_64 80432	34.89 -0.14 0.00	30.39 0.51 0.00	28.08 0.66 0.00	26.03 0.46 0.00	25.49 0.28 0.00	26.05 0.33 0.00	25.71 -0.10 0.00	25.06 -1.18 0.00	24.83 -1.53 0.00	24.68 -1.69 0.00	26.90 -1.06 0.00	29.13 -0.78 0.00	30.07 -0.68 0.00	33.36 -0.65 0.00	36.44 -0.63 0.00	41.15 -0.80 0.00	50.35 0.20 0.00	63.34 0.13 0.00	73.97 -0.37 0.00	76.19 -0.54 0.00	67.71 -1.03 0.00	55.41 -1.65 0.00	48.99 -0.80 0.00	43.92 0.26 0.00
LOCKPORT___CC1 323769	35.17 0.14 0.00	30.35 0.48 0.00	28.08 0.66 0.00	26.00 0.43 0.00	25.47 0.25 0.00	26.02 0.31 0.00	25.69 -0.13 0.00	25.09 -1.15 0.00	24.97 -1.40 0.00	25.11 -1.27 0.00	26.90 -1.06 0.00	29.16 -0.75 0.00	30.10 -0.65 0.00	33.40 -0.61 0.00	36.40 -0.67 0.00	41.11 -0.84 0.00	50.50 0.35 0.00	63.34 0.13 0.00	74.64 0.30 0.00	76.65 -0.08 0.00	67.99 -0.75 0.00	56.04 -1.03 0.00	49.13 -0.65 0.00	43.84 0.18 0.00
LOCKPORT___CC2 323770	35.17 0.14 0.00	30.35 0.48 0.00	28.08 0.66 0.00	26.00 0.43 0.00	25.47 0.25 0.00	26.02 0.31 0.00	25.69 -0.13 0.00	25.09 -1.15 0.00	24.97 -1.40 0.00	25.11 -1.27 0.00	26.90 -1.06 0.00	29.16 -0.75 0.00	30.10 -0.65 0.00	33.40 -0.61 0.00	36.40 -0.67 0.00	41.11 -0.84 0.00	50.50 0.35 0.00	63.34 0.13 0.00	74.64 0.30 0.00	76.65 -0.08 0.00	67.99 -0.75 0.00	56.04 -1.03 0.00	49.13 -0.65 0.00	43.84 0.18 0.00
LOCKPORT___CC3 323771	35.17 0.14 0.00	30.35 0.48 0.00	28.08 0.66 0.00	26.00 0.43 0.00	25.47 0.25 0.00	26.02 0.31 0.00	25.69 -0.13 0.00	25.09 -1.15 0.00	24.97 -1.40 0.00	25.11 -1.27 0.00	26.90 -1.06 0.00	29.16 -0.75 0.00	30.10 -0.65 0.00	33.40 -0.61 0.00	36.40 -0.67 0.00	41.11 -0.84 0.00	50.50 0.35 0.00	63.34 0.13 0.00	74.64 0.30 0.00	76.65 -0.08 0.00	67.99 -0.75 0.00	56.04 -1.03 0.00	49.13 -0.65 0.00	43.84 0.18 0.00
LOCUSVLY_69_KV_BK2 55797	37.44 2.42 0.00	32.00 2.12 0.00	29.23 1.81 0.00	27.10 1.53 0.00	26.78 1.56 0.00	27.18 1.47 0.00	27.39 1.57 0.00	27.92 1.68 0.00	27.84 1.48 0.00	28.19 1.82 0.00	30.00 2.04 0.00	32.66 2.33 -0.42	35.89 2.49 -2.65	43.69 2.75 -6.93	44.56 3.00 -4.49	46.21 3.27 -0.99	53.66 3.51 0.00	66.95 3.73 0.00	78.21 3.87 0.00	80.26 3.53 0.00	71.50 2.75 0.00	59.35 2.28 0.00	51.48 1.69 0.00	45.58 1.92 0.00
LONG_LAKE_PHOENIX 24014	34.68 -0.35 0.00	29.64 -0.24 0.00	27.29 -0.14 0.00	25.44 -0.13 0.00	25.01 -0.20 0.00	25.56 -0.15 0.00	25.58 -0.23 0.00	25.85 -0.39 0.00	25.84 -0.53 0.00	25.85 -0.53 0.00	27.49 -0.48 0.00	29.34 -0.57 0.00	30.13 -0.61 0.00	33.36 -0.65 0.00	36.36 -0.70 0.00	41.19 -0.76 0.00	49.45 -0.70 0.00	62.27 -0.95 0.00	73.45 -0.89 0.00	75.96 -0.77 0.00	67.92 -0.82 0.00	56.21 -0.86 0.00	48.99 -0.80 0.00	43.01 -0.65 0.00
LOVETT___3 23632	36.39 1.37 0.00	31.25 1.37 0.00	28.57 1.15 0.00	26.61 1.05 0.00	26.30 1.08 0.00	26.77 1.05 0.00	27.03 1.21 0.00	27.47 1.23 0.00	27.44 1.08 0.00	27.51 1.13 0.00	29.14 1.17 0.00	31.31 1.41 0.00	32.28 1.54 0.00	35.67 1.67 0.00	38.89 1.82 0.00	43.92 1.97 0.00	52.06 1.91 0.00	65.11 1.90 0.00	76.28 1.93 0.00	78.57 1.84 0.00	70.19 1.44 0.00	58.21 1.14 0.00	50.88 1.10 0.00	44.62 0.96 0.00
LOVETT___4 23642	36.39 1.37 0.00	31.25 1.37 0.00	28.57 1.15 0.00	26.61 1.05 0.00	26.30 1.08 0.00	26.77 1.05 0.00	27.03 1.21 0.00	27.47 1.23 0.00	27.44 1.08 0.00	27.51 1.13 0.00	29.14 1.17 0.00	31.31 1.41 0.00	32.28 1.54 0.00	35.67 1.67 0.00	38.89 1.82 0.00	43.92 1.97 0.00	52.06 1.91 0.00	65.11 1.90 0.00	76.28 1.93 0.00	78.57 1.84 0.00	70.19 1.44 0.00	58.21 1.14 0.00	50.88 1.10 0.00	44.62 0.96 0.00
LOVETT___5 23593	36.39 1.37 0.00	31.25 1.37 0.00	28.57 1.15 0.00	26.61 1.05 0.00	26.30 1.08 0.00	26.77 1.05 0.00	27.03 1.21 0.00	27.47 1.23 0.00	27.44 1.08 0.00	27.51 1.13 0.00	29.14 1.17 0.00	31.31 1.41 0.00	32.28 1.54 0.00	35.67 1.67 0.00	38.89 1.82 0.00	43.92 1.97 0.00	52.06 1.91 0.00	65.11 1.90 0.00	76.28 1.93 0.00	78.57 1.84 0.00	70.19 1.44 0.00	58.21 1.14 0.00	50.88 1.10 0.00	44.62 0.96 0.00
LOWER RAQUET___HYD 24057	34.96 -0.07 0.00	29.52 -0.36 0.00	27.10 -0.33 0.00	25.39 -0.18 0.00	25.04 -0.18 0.00	25.53 -0.18 0.00	25.48 -0.34 0.00	26.08 -0.16 0.00	26.63 0.26 0.00	26.66 0.29 0.00	28.24 0.28 0.00	30.20 0.30 0.00	30.99 0.24 0.00	34.31 0.31 0.00	37.36 0.30 0.00	42.45 0.51 0.00	50.45 0.30 0.00	63.98 0.76 0.00	74.87 0.52 0.00	78.26 1.53 0.00	70.12 1.37 0.00	64.74 1.66 -6.01	60.31 1.49 -9.03	53.00 1.53 -7.81
LOWER___HUDSON 24059	36.22 1.19 0.00	31.07 1.20 0.00	28.52 1.10 0.00	26.59 1.02 0.00	26.25 1.03 0.00	26.74 1.03 0.00	26.92 1.11 0.00	27.32 1.08 0.00	27.13 0.77 0.00	27.00 0.63 0.00	28.61 0.64 0.00	30.56 0.66 0.00	31.48 0.74 0.00	34.72 0.72 0.00	37.88 0.81 0.00	42.78 0.84 0.00	51.25 1.10 0.00	64.92 1.71 0.00	76.35 2.01 0.00	78.65 1.92 0.00	70.67 1.92 0.00	58.66 1.60 0.00	51.13 1.34 0.00	44.71 1.05 0.00
LOWVILLE_115KV_TB2 356335	35.62 0.60 0.00	30.21 0.33 0.00	27.72 0.30 0.00	25.87 0.31 0.00	25.57 0.35 0.00	26.07 0.36 0.00	26.07 0.26 0.00	26.37 0.13 0.00	26.36 0.00 0.00	26.24 -0.13 0.00	27.74 -0.22 0.00	29.69 -0.21 0.00	30.53 -0.22 0.00	33.87 -0.14 0.00	36.92 -0.15 0.00	42.03 0.08 0.00	50.35 0.20 0.00	63.72 0.51 0.00	75.83 1.49 0.00	79.18 2.46 0.00	70.95 2.20 0.00	60.76 2.00 -1.70	53.72 1.39 -2.55	46.96 1.09 -2.20
LUTHERFT_115KV_GLOB_FND_222 355753	36.57 1.54 0.00	31.31 1.43 0.00	28.77 1.34 0.00	26.79 1.23 0.00	26.43 1.21 0.00	26.95 1.23 0.00	27.11 1.29 0.00	27.39 1.15 0.00	27.18 0.82 0.00	27.08 0.71 0.00	28.58 0.62 0.00	30.53 0.63 0.00	31.48 0.74 0.00	34.79 0.78 0.00	38.03 0.96 0.00	43.04 1.09 0.00	51.60 1.45 0.00	65.49 2.28 0.00	77.47 3.12 0.00	80.18 3.45 0.00	71.84 3.09 0.00	59.58 2.51 0.00	51.92 2.14 0.00	45.36 1.70 0.00

LUTHERNY_35_KV_BK2 355980	36.60 1.58 0.00	31.34 1.46 0.00	28.79 1.37 0.00	26.79 1.23 0.00	26.43 1.21 0.00	26.97 1.26 0.00	27.13 1.32 0.00	27.39 1.15 0.00	27.18 0.82 0.00	27.08 0.71 0.00	28.58 0.62 0.00	30.53 0.63 0.00	31.48 0.74 0.00	34.82 0.82 0.00	38.07 1.00 0.00	43.08 1.13 0.00	51.65 1.50 0.00	65.56 2.34 0.00	77.54 3.20 0.00	80.26 3.53 0.00	71.91 3.16 0.00	59.63 2.57 0.00	51.97 2.19 0.00	45.41 1.75 0.00
LWR___OSWEGATCHIE_HYD 23850	35.27 0.25 0.00	29.85 -0.03 0.00	27.40 -0.03 0.00	25.59 0.03 0.00	25.29 0.08 0.00	25.77 0.05 0.00	25.74 -0.08 0.00	26.16 -0.08 0.00	26.42 0.05 0.00	26.40 0.03 0.00	27.91 -0.06 0.00	29.87 -0.03 0.00	30.68 -0.06 0.00	34.01 0.00 0.00	37.03 -0.04 0.00	42.16 0.21 0.00	50.30 0.15 0.00	63.72 0.51 0.00	75.31 0.97 0.00	78.57 1.84 0.00	70.53 1.79 0.00	62.96 1.83 -4.07	57.34 1.44 -6.11	50.13 1.18 -5.29
LYONS_FALL_HYD 23570	35.69 0.66 0.00	30.33 0.45 0.00	27.86 0.44 0.00	25.97 0.41 0.00	25.64 0.43 0.00	26.18 0.46 0.00	26.20 0.39 0.00	26.50 0.26 0.00	26.47 0.11 0.00	26.40 0.03 0.00	27.91 -0.06 0.00	29.87 -0.03 0.00	30.75 0.00 0.00	34.11 0.10 0.00	37.18 0.11 0.00	42.28 0.33 0.00	50.65 0.50 0.00	63.98 0.76 0.00	76.05 1.71 0.00	79.11 2.38 0.00	70.88 2.13 0.00	60.07 1.88 -1.12	52.81 1.34 -1.68	46.16 1.05 -1.45
MADISON___COUNTY_LFGE 323628	35.90 0.88 0.00	30.65 0.78 0.00	28.16 0.74 0.00	26.23 0.66 0.00	25.87 0.66 0.00	26.41 0.69 0.00	26.43 0.62 0.00	26.69 0.45 0.00	26.60 0.24 0.00	26.56 0.18 0.00	28.13 0.17 0.00	30.11 0.21 0.00	31.05 0.31 0.00	34.41 0.41 0.00	37.55 0.48 0.00	42.62 0.67 0.00	51.20 1.05 0.00	64.54 1.33 0.00	76.57 2.23 0.00	79.49 2.76 0.00	71.08 2.34 0.00	59.23 1.83 -0.33	51.73 1.44 -0.50	45.23 1.14 -0.43
MALONE___115KV_TB1 356076	34.71 -0.32 0.00	29.34 -0.54 0.00	26.96 -0.47 0.00	25.28 -0.28 0.00	24.94 -0.28 0.00	25.41 -0.31 0.00	25.35 -0.46 0.00	26.08 -0.16 0.00	26.57 0.21 0.00	26.69 0.32 0.00	28.30 0.34 0.00	30.26 0.36 0.00	30.99 0.25 0.00	34.35 0.34 0.00	37.37 0.30 0.00	42.49 0.55 0.00	50.20 0.05 0.00	63.85 0.63 0.00	74.79 0.45 0.00	77.95 1.23 0.00	69.98 1.24 0.00	60.04 1.14 -1.83	53.48 0.95 -2.75	46.96 0.92 -2.38
MAPLEWOD_115KV_TB3 80458	35.97 0.95 0.00	30.86 0.99 0.00	28.44 1.01 0.00	26.49 0.92 0.00	26.15 0.93 0.00	26.64 0.93 0.00	26.82 1.01 0.00	27.18 0.94 0.00	26.97 0.61 0.00	26.93 0.55 0.00	28.47 0.50 0.00	30.44 0.54 0.00	31.36 0.61 0.00	34.65 0.65 0.00	37.81 0.74 0.00	42.66 0.71 0.00	51.05 0.90 0.00	64.54 1.33 0.00	75.98 1.64 0.00	78.41 1.69 0.00	70.12 1.37 0.00	58.32 1.26 0.00	50.83 1.05 0.00	44.45 0.79 0.00
MAPLE_RIDGE_WT_1 323574	34.50 -0.52 0.00	29.37 -0.51 0.00	26.93 -0.49 0.00	25.13 -0.43 0.00	24.81 -0.40 0.00	25.30 -0.41 0.00	25.43 -0.39 0.00	25.93 -0.31 0.00	26.18 -0.18 0.00	26.22 -0.16 0.00	27.77 -0.19 0.00	29.70 -0.21 0.00	30.50 -0.25 0.00	33.70 -0.31 0.00	36.73 -0.33 0.00	41.61 -0.34 0.00	49.65 -0.50 0.00	62.71 -0.51 0.00	73.67 -0.67 0.00	76.19 -0.53 0.00	68.13 -0.62 0.00	56.33 -0.51 0.22	48.91 -0.55 0.33	42.94 -0.44 0.28
MAPLE_RIDGE_WT_2 323611	34.50 -0.52 0.00	29.37 -0.51 0.00	26.93 -0.49 0.00	25.13 -0.43 0.00	24.81 -0.40 0.00	25.30 -0.41 0.00	25.43 -0.39 0.00	25.93 -0.31 0.00	26.18 -0.18 0.00	26.22 -0.16 0.00	27.77 -0.19 0.00	29.70 -0.21 0.00	30.50 -0.25 0.00	33.70 -0.31 0.00	36.73 -0.33 0.00	41.61 -0.34 0.00	49.65 -0.50 0.00	62.71 -0.51 0.00	73.67 -0.67 0.00	76.19 -0.53 0.00	68.13 -0.62 0.00	56.33 -0.51 0.22	48.91 -0.55 0.33	42.94 -0.44 0.28
MARBLE_RIVER_WT_PWR 323696	34.26 -0.77 0.00	28.95 -0.93 0.00	26.60 -0.82 0.00	24.93 -0.64 0.00	24.59 -0.63 0.00	25.04 -0.67 0.00	25.04 -0.77 0.00	25.74 -0.50 0.00	26.23 -0.13 0.00	26.29 -0.08 0.00	27.88 -0.08 0.00	29.81 -0.09 0.00	30.56 -0.18 0.00	33.84 -0.17 0.00	36.85 -0.22 0.00	41.82 -0.13 0.00	49.35 -0.80 0.00	62.52 -0.69 0.00	73.30 -1.04 0.00	76.34 -0.38 0.00	68.27 -0.48 0.00	56.78 -0.28 0.00	49.68 -0.10 0.00	43.97 0.31 0.00
MARSHVLE_115KV_TB1 80742	38.00 2.98 0.00	32.48 2.60 0.00	29.81 2.39 0.00	27.74 2.17 0.00	27.36 2.14 0.00	27.95 2.24 0.00	27.88 2.07 0.00	27.60 1.36 0.00	27.15 0.79 0.00	26.95 0.58 0.00	28.44 0.48 0.00	30.41 0.51 0.00	31.36 0.61 0.00	34.79 0.78 0.00	38.11 1.04 0.00	43.29 1.34 0.00	52.11 1.96 0.00	66.50 3.29 0.00	79.99 5.65 0.00	84.17 7.44 0.00	75.62 6.87 0.00	62.54 5.48 0.00	54.46 4.68 0.00	47.50 3.84 0.00
MARSH_HILL_WT_PWR 323713	35.80 0.77 0.00	30.77 0.90 0.00	28.38 0.96 0.00	26.38 0.82 0.00	25.80 0.58 0.00	26.46 0.75 0.00	26.23 0.41 0.00	25.87 -0.37 0.00	25.60 -0.77 0.00	25.66 -0.71 0.00	27.37 -0.59 0.00	29.51 -0.39 0.00	30.50 -0.25 0.00	33.87 -0.14 0.00	36.99 -0.07 0.00	41.99 0.04 0.00	51.15 1.00 0.00	64.61 1.39 0.00	76.79 2.45 0.00	79.64 2.91 0.00	71.08 2.34 0.00	58.49 1.43 0.00	51.03 1.25 0.00	44.84 1.18 0.00
MCINTYRE_115KV_TB2 80467	35.41 0.39 0.00	29.91 0.03 0.00	27.42 0.00 0.00	25.69 0.13 0.00	25.39 0.18 0.00	25.87 0.15 0.00	25.76 -0.05 0.00	26.32 0.08 0.00	26.81 0.45 0.00	26.79 0.42 0.00	28.33 0.36 0.00	30.32 0.42 0.00	31.08 0.34 0.00	34.45 0.44 0.00	37.48 0.41 0.00	42.62 0.67 0.00	50.70 0.55 0.00	64.48 1.26 0.00	75.68 1.34 0.00	79.26 2.53 0.00	71.36 2.61 0.00	66.57 2.74 -6.77	62.28 2.34 -10.16	54.51 2.05 -8.79
MECO_____69_KV_BK1 80468	38.00 2.98 0.00	32.48 2.60 0.00	29.81 2.39 0.00	27.76 2.20 0.00	27.36 2.14 0.00	27.95 2.24 0.00	27.98 2.17 0.00	27.84 1.60 0.00	27.31 0.95 0.00	27.01 0.63 0.00	28.41 0.45 0.00	30.29 0.39 0.00	31.27 0.52 0.00	34.69 0.68 0.00	38.07 1.00 0.00	43.33 1.38 0.00	52.26 2.11 0.00	67.07 3.86 0.00	80.66 6.32 0.00	84.55 7.83 0.00	75.69 6.94 0.00	62.66 5.59 0.00	54.56 4.78 0.00	47.55 3.89 0.00
MENANDS___115KV_TB5 355628	35.76 0.74 0.00	30.71 0.84 0.00	28.33 0.90 0.00	26.38 0.82 0.00	26.05 0.83 0.00	26.54 0.82 0.00	26.74 0.93 0.00	27.10 0.87 0.00	26.86 0.50 0.00	26.82 0.45 0.00	28.38 0.42 0.00	30.35 0.45 0.00	31.27 0.52 0.00	34.52 0.51 0.00	37.66 0.59 0.00	42.45 0.50 0.00	50.75 0.60 0.00	64.16 0.95 0.00	75.38 1.04 0.00	77.80 1.07 0.00	69.64 0.89 0.00	57.87 0.80 0.00	50.48 0.70 0.00	44.14 0.48 0.00
MG INDUSTRY___DRP 24185	35.80 0.77 0.00	30.71 0.84 0.00	28.30 0.88 0.00	26.36 0.79 0.00	26.02 0.81 0.00	26.54 0.82 0.00	26.67 0.85 0.00	26.97 0.73 0.00	26.73 0.37 0.00	26.66 0.29 0.00	28.19 0.22 0.00	30.11 0.21 0.00	30.99 0.25 0.00	34.24 0.24 0.00	37.40 0.33 0.00	42.24 0.29 0.00	50.55 0.40 0.00	63.85 0.63 0.00	75.16 0.82 0.00	77.72 1.00 0.00	69.64 0.89 0.00	57.92 0.86 0.00	50.53 0.75 0.00	44.23 0.57 0.00

MID___OSWEGATCHIE_HYD 23849	35.27 0.25 0.00	29.85 -0.03 0.00	27.40 -0.03 0.00	25.59 0.03 0.00	25.29 0.08 0.00	25.77 0.05 0.00	25.74 -0.08 0.00	26.16 -0.08 0.00	26.42 0.05 0.00	26.40 0.03 0.00	27.91 -0.06 0.00	29.87 -0.03 0.00	30.68 -0.06 0.00	34.01 0.00 0.00	37.03 -0.04 0.00	42.16 0.21 0.00	50.30 0.15 0.00	63.72 0.51 0.00	75.31 0.97 0.00	78.57 1.84 0.00	70.53 1.79 0.00	62.96 1.83 -4.07	57.34 1.44 -6.11	50.13 1.18 -5.29
MID___RAQUETTE_HYD 23851	34.96 -0.07 0.00	29.52 -0.36 0.00	27.09 -0.33 0.00	25.39 -0.18 0.00	25.04 -0.18 0.00	25.53 -0.18 0.00	25.48 -0.34 0.00	26.08 -0.16 0.00	26.63 0.26 0.00	26.66 0.29 0.00	28.24 0.28 0.00	30.20 0.30 0.00	30.99 0.25 0.00	34.31 0.31 0.00	37.37 0.30 0.00	42.45 0.50 0.00	50.45 0.30 0.00	63.98 0.76 0.00	74.86 0.52 0.00	78.03 1.30 0.00	70.12 1.37 0.00	64.74 1.65 -6.01	60.26 1.44 -9.03	52.79 1.31 -7.81
MILLIKEN___1 23584	35.73 0.70 0.00	30.54 0.66 0.00	28.08 0.66 0.00	26.18 0.61 0.00	25.72 0.50 0.00	26.31 0.59 0.00	26.31 0.49 0.00	26.45 0.21 0.00	26.34 -0.03 0.00	26.29 -0.08 0.00	27.96 0.00 0.00	29.93 0.03 0.00	30.81 0.06 0.00	34.18 0.17 0.00	37.33 0.26 0.00	42.32 0.38 0.00	51.00 0.85 0.00	64.48 1.26 0.00	76.35 2.01 0.00	79.18 2.46 0.00	70.74 1.99 0.00	58.38 1.31 0.00	50.88 1.10 0.00	44.58 0.92 0.00
MILLIKEN___2 23585	35.73 0.70 0.00	30.54 0.66 0.00	28.08 0.66 0.00	26.18 0.61 0.00	25.72 0.50 0.00	26.31 0.59 0.00	26.31 0.49 0.00	26.45 0.21 0.00	26.34 -0.03 0.00	26.29 -0.08 0.00	27.96 0.00 0.00	29.93 0.03 0.00	30.81 0.06 0.00	34.18 0.17 0.00	37.33 0.26 0.00	42.32 0.38 0.00	51.00 0.85 0.00	64.48 1.26 0.00	76.35 2.01 0.00	79.18 2.46 0.00	70.74 1.99 0.00	58.38 1.31 0.00	50.88 1.10 0.00	44.58 0.92 0.00
MILLIKEN___DIESEL 23629	35.73 0.70 0.00	30.54 0.66 0.00	28.08 0.66 0.00	26.18 0.61 0.00	25.72 0.50 0.00	26.31 0.59 0.00	26.31 0.49 0.00	26.45 0.21 0.00	26.34 -0.03 0.00	26.29 -0.08 0.00	27.96 0.00 0.00	29.93 0.03 0.00	30.81 0.06 0.00	34.18 0.17 0.00	37.33 0.26 0.00	42.32 0.38 0.00	51.00 0.85 0.00	64.48 1.26 0.00	76.35 2.01 0.00	79.18 2.46 0.00	70.74 1.99 0.00	58.38 1.31 0.00	50.88 1.10 0.00	44.58 0.92 0.00
MILLSEAT___LFGE 323607	35.73 0.70 0.00	30.77 0.90 0.00	28.44 1.02 0.00	26.31 0.74 0.00	25.82 0.60 0.00	26.38 0.67 0.00	26.05 0.23 0.00	25.50 -0.73 0.00	25.36 -1.00 0.00	25.45 -0.92 0.00	27.29 -0.67 0.00	29.58 -0.33 0.00	30.50 -0.25 0.00	33.90 -0.10 0.00	37.03 -0.04 0.00	41.90 -0.04 0.00	51.40 1.25 0.00	64.73 1.51 0.00	76.50 2.16 0.00	78.65 1.92 0.00	69.78 1.03 0.00	57.47 0.40 0.00	50.23 0.45 0.00	44.75 1.09 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.50 1.47 0.00	31.34 1.46 0.00	28.66 1.23 0.00	26.69 1.12 0.00	26.40 1.19 0.00	26.85 1.13 0.00	27.13 1.32 0.00	27.55 1.31 0.00	27.52 1.16 0.00	27.59 1.21 0.00	29.22 1.26 0.00	31.40 1.50 0.00	32.38 1.63 0.00	35.77 1.77 0.00	39.00 1.93 0.00	44.04 2.10 0.00	52.26 2.11 0.00	65.37 2.15 0.00	76.65 2.30 0.00	78.95 2.23 0.00	70.53 1.79 0.00	58.44 1.37 0.00	51.08 1.29 0.00	44.80 1.14 0.00
MILLWOOD_13_KV_LOAD 356217	36.57 1.54 0.00	31.40 1.52 0.00	28.71 1.29 0.00	26.74 1.18 0.00	26.45 1.24 0.00	26.92 1.21 0.00	27.18 1.37 0.00	27.58 1.34 0.00	27.58 1.21 0.00	27.61 1.24 0.00	29.25 1.29 0.00	31.46 1.55 0.00	32.44 1.69 0.00	35.84 1.84 0.00	39.11 2.04 0.00	44.13 2.18 0.00	52.36 2.21 0.00	65.56 2.34 0.00	76.95 2.60 0.00	79.18 2.46 0.00	70.74 1.99 0.00	58.61 1.54 0.00	51.23 1.44 0.00	44.88 1.22 0.00
MODEL_CITY_ENERGY 24167	35.03 0.00 0.00	30.24 0.36 0.00	27.97 0.55 0.00	25.90 0.33 0.00	25.37 0.15 0.00	25.92 0.20 0.00	25.56 -0.26 0.00	24.85 -1.39 0.00	24.75 -1.61 0.00	24.87 -1.50 0.00	26.65 -1.31 0.00	28.89 -1.02 0.00	29.79 -0.95 0.00	33.05 -0.95 0.00	36.07 -1.00 0.00	40.73 -1.22 0.00	50.00 -0.15 0.00	62.71 -0.51 0.00	73.90 -0.44 0.00	75.81 -0.92 0.00	67.23 -1.51 0.00	55.41 -1.66 0.00	48.59 -1.20 0.00	43.57 -0.09 0.00
MODERN_LFGE___ 323580	35.03 0.00 0.00	30.24 0.36 0.00	27.97 0.55 0.00	25.90 0.33 0.00	25.37 0.15 0.00	25.92 0.20 0.00	25.56 -0.26 0.00	24.85 -1.39 0.00	24.75 -1.61 0.00	24.87 -1.50 0.00	26.65 -1.31 0.00	28.89 -1.02 0.00	29.79 -0.95 0.00	33.05 -0.95 0.00	36.07 -1.00 0.00	40.73 -1.22 0.00	50.00 -0.15 0.00	62.71 -0.51 0.00	73.90 -0.44 0.00	75.81 -0.92 0.00	67.23 -1.51 0.00	55.41 -1.66 0.00	48.59 -1.20 0.00	43.57 -0.09 0.00
MOHAWK_PAPER___DRP 24187	35.97 0.95 0.00	30.86 0.99 0.00	28.44 1.01 0.00	26.49 0.92 0.00	26.15 0.93 0.00	26.64 0.93 0.00	26.82 1.01 0.00	27.18 0.94 0.00	26.97 0.61 0.00	26.93 0.55 0.00	28.47 0.50 0.00	30.44 0.54 0.00	31.36 0.61 0.00	34.65 0.65 0.00	37.81 0.74 0.00	42.66 0.71 0.00	51.05 0.90 0.00	64.54 1.33 0.00	75.98 1.64 0.00	78.41 1.69 0.00	70.12 1.37 0.00	58.32 1.26 0.00	50.83 1.05 0.00	44.45 0.79 0.00
MOHICAN___35_KV_115KV_LD 80490	36.64 1.61 0.00	31.31 1.43 0.00	28.77 1.34 0.00	26.79 1.23 0.00	26.40 1.19 0.00	26.97 1.26 0.00	27.13 1.32 0.00	27.34 1.10 0.00	27.08 0.71 0.00	26.98 0.61 0.00	28.33 0.36 0.00	30.26 0.36 0.00	31.21 0.46 0.00	34.52 0.51 0.00	37.74 0.67 0.00	42.74 0.80 0.00	51.35 1.20 0.00	65.37 2.15 0.00	77.91 3.57 0.00	80.72 3.99 0.00	72.39 3.64 0.00	59.98 2.91 0.00	52.22 2.44 0.00	45.49 1.83 0.00
MONGAUP___HYD 23641	36.36 1.33 0.00	31.22 1.35 0.00	28.57 1.15 0.00	26.56 1.00 0.00	26.27 1.06 0.00	26.72 1.00 0.00	26.98 1.16 0.00	27.29 1.05 0.00	27.15 0.79 0.00	27.14 0.77 0.00	28.77 0.81 0.00	30.86 0.96 0.00	31.85 1.11 0.00	35.20 1.19 0.00	38.40 1.33 0.00	43.50 1.55 0.00	51.90 1.75 0.00	65.43 2.21 0.00	77.02 2.67 0.00	79.25 2.53 0.00	71.15 2.40 0.00	58.89 1.83 0.00	51.28 1.49 0.00	44.88 1.22 0.00
MONTAUK___DIESEL 23721	39.23 4.20 0.00	33.34 3.47 0.00	30.44 3.02 0.00	28.12 2.56 0.00	27.71 2.50 0.00	28.11 2.39 0.00	28.16 2.35 0.00	28.84 2.60 0.00	28.74 2.37 0.00	29.43 3.06 0.00	31.60 3.64 0.00	34.42 4.10 -0.42	37.80 4.40 -2.65	45.90 4.96 -6.93	47.08 5.52 -4.49	49.31 6.38 -0.99	57.52 7.37 0.00	71.94 8.72 0.00	83.64 9.29 0.00	85.17 8.44 0.00	75.14 6.39 0.00	62.26 5.19 0.00	53.27 3.48 0.00	47.46 3.80 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	35.52 0.49 0.00	30.80 0.93 0.00	28.38 0.96 0.00	26.33 0.77 0.00	25.75 0.53 0.00	26.38 0.67 0.00	26.07 0.26 0.00	25.71 -0.52 0.00	25.52 -0.84 0.00	25.45 -0.92 0.00	27.71 -0.25 0.00	30.05 0.15 0.00	31.05 0.31 0.00	34.48 0.48 0.00	37.55 0.48 0.00	42.53 0.59 0.00	51.96 1.81 0.00	65.43 2.21 0.00	76.50 2.16 0.00	78.95 2.23 0.00	70.12 1.37 0.00	57.29 0.23 0.00	50.58 0.80 0.00	44.62 0.96 0.00

MORRIS_RIDGE___SOLAR 323848	35.31 0.28 0.00	30.42 0.54 0.00	28.05 0.63 0.00	26.05 0.48 0.00	25.49 0.28 0.00	26.10 0.39 0.00	25.87 0.05 0.00	25.45 -0.79 0.00	25.18 -1.19 0.00	25.24 -1.13 0.00	26.96 -1.01 0.00	29.10 -0.81 0.00	30.04 -0.71 0.00	33.36 -0.65 0.00	36.40 -0.67 0.00	41.23 -0.71 0.00	50.30 0.15 0.00	63.34 0.13 0.00	75.16 0.82 0.00	77.88 1.15 0.00	69.50 0.76 0.00	57.24 0.17 0.00	50.03 0.25 0.00	44.10 0.44 0.00
MORTIMER_115KV_TB3 55949	35.31 0.28 0.00	30.27 0.39 0.00	27.89 0.47 0.00	25.87 0.31 0.00	25.47 0.25 0.00	26.00 0.28 0.00	25.89 0.08 0.00	25.85 -0.39 0.00	25.73 -0.63 0.00	25.71 -0.66 0.00	27.65 -0.31 0.00	29.75 -0.15 0.00	30.65 -0.09 0.00	34.04 0.03 0.00	37.18 0.11 0.00	42.11 0.17 0.00	51.00 0.85 0.00	64.42 1.20 0.00	75.68 1.34 0.00	78.11 1.38 0.00	69.57 0.82 0.00	57.24 0.17 0.00	50.08 0.30 0.00	44.23 0.57 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.78 1.75 0.00	31.55 1.67 0.00	28.85 1.43 0.00	26.87 1.30 0.00	26.55 1.34 0.00	27.03 1.31 0.00	27.31 1.50 0.00	27.76 1.52 0.00	27.79 1.42 0.00	27.88 1.50 0.00	29.50 1.54 0.00	31.73 1.82 0.00	32.71 1.97 0.00	36.18 2.18 0.00	39.40 2.34 0.00	44.46 2.52 0.00	52.71 2.56 0.00	65.81 2.59 0.00	77.02 2.68 0.00	79.26 2.53 0.00	70.81 2.06 0.00	58.66 1.60 0.00	51.38 1.59 0.00	45.06 1.40 0.00
MUNSVILLE_WIND_PWR 323609	37.58 2.56 0.00	32.15 2.27 0.00	29.56 2.14 0.00	27.53 1.97 0.00	27.16 1.94 0.00	27.77 2.06 0.00	27.70 1.88 0.00	27.68 1.44 0.00	27.34 0.98 0.00	27.16 0.79 0.00	28.66 0.70 0.00	30.80 0.90 0.00	31.85 1.11 0.00	35.50 1.49 0.00	38.77 1.71 0.00	44.34 2.39 0.00	53.66 3.51 0.00	67.71 4.49 0.00	81.48 7.14 0.00	84.94 8.21 0.00	75.83 7.08 0.00	62.72 5.65 0.00	54.27 4.48 0.00	47.24 3.58 0.00
N SALMON___HYD 24042	34.71 -0.32 0.00	29.34 -0.54 0.00	26.96 -0.47 0.00	25.29 -0.28 0.00	24.94 -0.28 0.00	25.41 -0.31 0.00	25.35 -0.46 0.00	26.08 -0.16 0.00	26.57 0.21 0.00	26.69 0.32 0.00	28.30 0.34 0.00	30.26 0.36 0.00	30.99 0.24 0.00	34.35 0.34 0.00	37.36 0.30 0.00	42.49 0.54 0.00	50.25 0.10 0.00	63.85 0.63 0.00	74.79 0.45 0.00	78.26 1.53 0.00	69.98 1.24 0.00	60.04 1.14 -1.83	53.58 1.05 -2.75	47.26 1.22 -2.38
N.AKRON__115KV_KNAPP 355671	35.41 0.39 0.00	30.77 0.90 0.00	28.38 0.96 0.00	26.28 0.72 0.00	25.80 0.58 0.00	26.36 0.64 0.00	26.05 0.23 0.00	25.48 -0.76 0.00	25.23 -1.13 0.00	25.08 -1.29 0.00	27.29 -0.67 0.00	29.51 -0.39 0.00	30.50 -0.25 0.00	33.87 -0.14 0.00	36.99 -0.07 0.00	41.82 -0.13 0.00	51.15 1.00 0.00	64.54 1.33 0.00	75.53 1.19 0.00	78.03 1.30 0.00	69.30 0.55 0.00	56.72 -0.34 0.00	49.98 0.20 0.00	44.71 1.05 0.00
N.E_GEN_SANDY PD 24062	36.15 1.12 0.00	31.07 1.20 0.00	28.52 1.10 0.00	26.59 1.02 0.00	26.25 1.03 0.00	26.74 1.03 0.00	26.95 1.13 0.00	27.58 1.18 -0.16	27.26 0.90 0.00	27.16 0.79 0.00	28.80 0.84 0.00	30.77 0.87 0.00	31.70 0.95 0.00	34.92 0.92 0.00	38.07 1.00 0.00	42.32 0.92 0.55	51.80 1.10 -0.55	64.73 1.51 0.00	75.83 1.49 0.00	77.95 1.22 0.00	70.05 1.30 0.00	58.15 1.08 0.00	50.73 0.94 0.00	44.40 0.74 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.46 1.44 0.00	31.31 1.43 0.00	28.63 1.21 0.00	26.67 1.10 0.00	26.35 1.13 0.00	26.79 1.08 0.00	27.08 1.26 0.00	27.50 1.26 0.00	27.47 1.11 0.00	27.53 1.16 0.00	29.19 1.23 0.00	31.37 1.47 0.00	32.34 1.60 0.00	35.74 1.73 0.00	39.00 1.93 0.00	44.00 2.06 0.00	52.16 2.01 0.00	65.30 2.09 0.00	76.57 2.23 0.00	78.80 2.07 0.00	70.40 1.65 0.00	58.38 1.31 0.00	50.98 1.19 0.00	44.75 1.09 0.00
N.QUEENS_27_KV_LOAD 356247	36.99 1.96 0.00	31.70 1.82 0.00	28.99 1.56 0.00	27.00 1.43 0.00	26.70 1.49 0.00	27.13 1.41 0.00	27.47 1.65 0.00	27.89 1.65 0.00	27.92 1.56 0.00	28.11 1.74 0.00	29.72 1.76 0.00	32.00 2.09 0.00	33.02 2.28 0.00	36.49 2.48 0.00	39.85 2.78 0.00	45.01 3.06 0.00	52.91 2.76 0.00	65.62 2.40 0.00	76.80 2.45 0.00	79.10 2.38 0.00	70.67 1.92 0.00	58.55 1.48 0.00	51.58 1.79 0.00	45.59 1.92 -0.01
N.TROY___115KV_TB1 355778	36.22 1.19 0.00	31.07 1.20 0.00	28.55 1.12 0.00	26.59 1.02 0.00	26.25 1.03 0.00	26.74 1.03 0.00	26.93 1.11 0.00	27.31 1.08 0.00	27.15 0.79 0.00	27.08 0.71 0.00	28.61 0.64 0.00	30.56 0.66 0.00	31.48 0.74 0.00	34.72 0.71 0.00	37.88 0.82 0.00	42.78 0.84 0.00	51.25 1.10 0.00	64.86 1.64 0.00	76.43 2.08 0.00	78.95 2.23 0.00	70.67 1.92 0.00	58.72 1.65 0.00	51.18 1.39 0.00	44.71 1.05 0.00
NARROWS_GT1_1 24228	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.86 1.64 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.26 1.20 0.01	51.38 1.59 0.00	45.36 1.70 0.00
NARROWS_GT1_2 24229	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.86 1.64 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.26 1.20 0.01	51.38 1.59 0.00	45.36 1.70 0.00
NARROWS_GT1_3 24230	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.86 1.64 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.26 1.20 0.01	51.38 1.59 0.00	45.36 1.70 0.00
NARROWS_GT1_4 24231	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.86 1.64 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.26 1.20 0.01	51.38 1.59 0.00	45.36 1.70 0.00
NARROWS_GT1_5 24232	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.86 1.64 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.26 1.20 0.01	51.38 1.59 0.00	45.36 1.70 0.00

NARROWS_GT1_6 24233	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.86 1.64 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.26 1.20 0.01	51.38 1.59 0.00	45.36 1.70 0.00
NARROWS_GT1_7 24234	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.86 1.64 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.26 1.20 0.01	51.38 1.59 0.00	45.36 1.70 0.00
NARROWS_GT1_8 24235	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.86 1.64 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.26 1.20 0.01	51.38 1.59 0.00	45.36 1.70 0.00
NARROWS_GT2_1 24236	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.86 1.64 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.26 1.20 0.01	51.38 1.59 0.00	45.36 1.70 0.00
NARROWS_GT2_2 24237	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.86 1.64 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.26 1.20 0.01	51.38 1.59 0.00	45.36 1.70 0.00
NARROWS_GT2_3 24238	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.86 1.64 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.26 1.20 0.01	51.38 1.59 0.00	45.36 1.70 0.00
NARROWS_GT2_4 24239	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.86 1.64 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.26 1.20 0.01	51.38 1.59 0.00	45.36 1.70 0.00
NARROWS_GT2_5 24240	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.86 1.64 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.26 1.20 0.01	51.38 1.59 0.00	45.36 1.70 0.00
NARROWS_GT2_6 24241	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.86 1.64 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.26 1.20 0.01	51.38 1.59 0.00	45.36 1.70 0.00
NARROWS_GT2_7 24242	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.86 1.64 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.26 1.20 0.01	51.38 1.59 0.00	45.36 1.70 0.00
NARROWS_GT2_8 24243	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.86 1.64 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.26 1.20 0.01	51.38 1.59 0.00	45.36 1.70 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	36.29 1.26 0.00	31.16 1.28 0.00	28.71 1.29 0.00	26.72 1.15 0.00	26.40 1.19 0.00	26.85 1.13 0.00	27.03 1.21 0.00	27.26 1.02 0.00	26.86 0.50 0.00	26.72 0.34 0.00	28.27 0.31 0.00	30.17 0.27 0.00	31.11 0.37 0.00	34.41 0.41 0.00	37.70 0.63 0.00	42.57 0.63 0.00	51.15 1.00 0.00	65.11 1.90 0.00	77.02 2.68 0.00	79.72 2.99 0.00	71.43 2.68 0.00	59.29 2.23 0.00	51.53 1.74 0.00	44.97 1.31 0.00
NCHELSEA_115KV_TR2 355582	36.57 1.54 0.00	31.40 1.52 0.00	28.71 1.29 0.00	26.74 1.18 0.00	26.45 1.24 0.00	26.90 1.18 0.00	27.18 1.37 0.00	27.55 1.31 0.00	27.47 1.11 0.00	27.48 1.11 0.00	29.14 1.17 0.00	31.28 1.38 0.00	32.25 1.51 0.00	35.67 1.67 0.00	38.96 1.89 0.00	44.04 2.10 0.00	52.41 2.26 0.00	65.87 2.66 0.00	77.39 3.05 0.00	79.72 2.99 0.00	71.29 2.54 0.00	59.06 2.00 0.00	51.43 1.64 0.00	45.10 1.44 0.00
NEG CAPITAL___MECHNVIL 23645	36.67 1.65 0.00	31.40 1.52 0.00	28.82 1.40 0.00	26.84 1.28 0.00	26.48 1.26 0.00	27.02 1.31 0.00	27.18 1.37 0.00	27.47 1.23 0.00	27.26 0.90 0.00	27.14 0.77 0.00	28.69 0.73 0.00	30.65 0.75 0.00	31.61 0.86 0.00	34.96 0.95 0.00	38.22 1.15 0.00	43.20 1.26 0.00	51.86 1.71 0.00	65.81 2.59 0.00	77.77 3.42 0.00	80.26 3.53 0.00	72.05 3.30 0.00	59.75 2.68 0.00	52.03 2.24 0.00	45.41 1.75 0.00
NEG CENTRAL_HIGH_ACRES 23767	34.64 -0.38 0.00	29.64 -0.24 0.00	27.31 -0.11 0.00	25.36 -0.21 0.00	24.96 -0.25 0.00	25.51 -0.21 0.00	25.43 -0.39 0.00	25.45 -0.79 0.00	25.42 -0.95 0.00	25.50 -0.87 0.00	27.21 -0.75 0.00	29.25 -0.66 0.00	30.10 -0.65 0.00	33.43 -0.58 0.00	36.55 -0.52 0.00	41.40 -0.55 0.00	50.15 0.00 0.00	63.28 0.06 0.00	74.79 0.45 0.00	77.03 0.31 0.00	68.61 -0.14 0.00	56.61 -0.46 0.00	49.29 -0.50 0.00	43.36 -0.30 0.00

NEG CENTRAL___DRP 24199	35.41 0.39 0.00	30.30 0.42 0.00	27.86 0.44 0.00	25.95 0.38 0.00	25.49 0.28 0.00	26.07 0.36 0.00	26.05 0.23 0.00	26.11 -0.13 0.00	25.99 -0.37 0.00	26.00 -0.37 0.00	27.74 -0.22 0.00	29.75 -0.15 0.00	30.65 -0.09 0.00	34.01 0.00 0.00	37.14 0.07 0.00	42.11 0.17 0.00	50.70 0.55 0.00	64.10 0.89 0.00	75.76 1.41 0.00	78.49 1.76 0.00	69.98 1.24 0.00	57.69 0.63 0.00	50.33 0.55 0.00	44.23 0.57 0.00
NEG CENTRAL___INDECK 23768	36.50 1.47 0.00	31.28 1.40 0.00	28.85 1.43 0.00	26.74 1.18 0.00	26.25 1.03 0.00	26.87 1.16 0.00	26.64 0.83 0.00	26.24 0.00 0.00	25.92 -0.45 0.00	25.92 -0.45 0.00	27.57 -0.39 0.00	29.66 -0.24 0.00	30.62 -0.12 0.00	34.04 0.03 0.00	37.26 0.19 0.00	42.32 0.38 0.00	51.65 1.50 0.00	65.62 2.40 0.00	78.36 4.01 0.00	81.64 4.91 0.00	72.94 4.19 0.00	60.09 3.02 0.00	52.27 2.49 0.00	45.97 2.31 0.00
NEG CENTRAL___SENECA 23627	35.59 0.56 0.00	30.48 0.60 0.00	28.03 0.60 0.00	26.10 0.54 0.00	25.62 0.40 0.00	26.23 0.51 0.00	26.15 0.34 0.00	26.13 -0.10 0.00	25.97 -0.40 0.00	25.95 -0.42 0.00	27.77 -0.20 0.00	29.81 -0.09 0.00	30.75 0.00 0.00	34.14 0.14 0.00	37.33 0.26 0.00	42.32 0.38 0.00	51.00 0.85 0.00	64.48 1.26 0.00	76.28 1.93 0.00	79.03 2.30 0.00	70.46 1.72 0.00	57.98 0.91 0.00	50.58 0.80 0.00	44.58 0.92 0.00
NEG CENTRAL___STATE_STREET 24147	35.31 0.28 0.00	30.18 0.30 0.00	27.75 0.33 0.00	25.87 0.31 0.00	25.42 0.20 0.00	26.00 0.28 0.00	26.00 0.18 0.00	26.16 -0.08 0.00	26.10 -0.26 0.00	26.11 -0.26 0.00	27.82 -0.14 0.00	29.75 -0.15 0.00	30.62 -0.12 0.00	33.97 -0.03 0.00	37.11 0.04 0.00	42.07 0.13 0.00	50.65 0.50 0.00	63.98 0.76 0.00	75.53 1.19 0.00	78.26 1.53 0.00	69.91 1.17 0.00	57.69 0.63 0.00	50.28 0.50 0.00	44.05 0.39 0.00
NEG MILLWOOD___DRP 24198	36.64 1.61 0.00	31.46 1.58 0.00	28.77 1.34 0.00	26.79 1.23 0.00	26.53 1.31 0.00	27.00 1.29 0.00	27.26 1.45 0.00	27.63 1.39 0.00	27.55 1.19 0.00	27.56 1.19 0.00	29.19 1.23 0.00	31.37 1.47 0.00	32.38 1.63 0.00	35.81 1.80 0.00	39.14 2.08 0.00	44.25 2.31 0.00	52.56 2.41 0.00	66.12 2.91 0.00	77.76 3.42 0.00	80.10 3.38 0.00	71.50 2.75 0.00	59.18 2.11 0.00	51.58 1.79 0.00	45.19 1.53 0.00
NEG NORTH_FLCN_SEA 23793	34.57 -0.46 0.00	29.25 -0.63 0.00	26.87 -0.55 0.00	25.21 -0.36 0.00	24.84 -0.38 0.00	25.33 -0.39 0.00	25.30 -0.52 0.00	26.00 -0.24 0.00	26.47 0.11 0.00	26.58 0.21 0.00	28.19 0.22 0.00	30.14 0.24 0.00	30.90 0.15 0.00	34.21 0.20 0.00	37.22 0.15 0.00	42.28 0.34 0.00	49.50 -0.65 0.00	62.52 -0.70 0.00	73.38 -0.97 0.00	76.27 -0.46 0.00	68.47 -0.27 0.00	56.89 -0.17 0.00	49.58 -0.20 0.00	43.84 0.17 0.00
NEG NORTH_KES_CHATEGAY 23792	34.26 -0.77 0.00	28.95 -0.93 0.00	26.57 -0.85 0.00	24.90 -0.66 0.00	24.56 -0.66 0.00	25.02 -0.69 0.00	25.02 -0.80 0.00	25.71 -0.52 0.00	26.21 -0.16 0.00	26.27 -0.11 0.00	27.82 -0.14 0.00	29.75 -0.15 0.00	30.50 -0.25 0.00	33.73 -0.27 0.00	36.74 -0.33 0.00	41.74 -0.21 0.00	49.35 -0.80 0.00	62.52 -0.70 0.00	73.38 -0.97 0.00	76.27 -0.46 0.00	68.54 -0.21 0.00	57.37 -0.11 -0.42	50.31 -0.10 -0.63	44.25 0.04 -0.54
NEG NORTH___ALICE_FALLS 23915	34.68 -0.35 0.00	29.31 -0.57 0.00	26.93 -0.49 0.00	25.28 -0.28 0.00	24.91 -0.30 0.00	25.38 -0.33 0.00	25.35 -0.46 0.00	26.06 -0.18 0.00	26.52 0.16 0.00	26.64 0.26 0.00	28.27 0.31 0.00	30.23 0.33 0.00	30.96 0.22 0.00	34.28 0.27 0.00	37.33 0.26 0.00	42.41 0.46 0.00	49.85 -0.30 0.00	63.15 -0.06 0.00	74.05 -0.30 0.00	77.19 0.46 0.00	69.23 0.48 0.00	57.47 0.40 0.00	50.08 0.30 0.00	44.18 0.52 0.00
NEG NORTH___LWR_SARANAC 23913	34.68 -0.35 0.00	29.31 -0.57 0.00	26.93 -0.49 0.00	25.28 -0.28 0.00	24.91 -0.30 0.00	25.38 -0.33 0.00	25.35 -0.46 0.00	26.06 -0.18 0.00	26.52 0.16 0.00	26.64 0.26 0.00	28.27 0.31 0.00	30.23 0.33 0.00	30.96 0.22 0.00	34.28 0.27 0.00	37.33 0.26 0.00	42.41 0.46 0.00	49.85 -0.30 0.00	63.15 -0.06 0.00	74.05 -0.30 0.00	77.19 0.46 0.00	69.23 0.48 0.00	57.47 0.40 0.00	50.08 0.30 0.00	44.18 0.52 0.00
NEG NORTH___PLATTSBURG 23628	34.68 -0.35 0.00	29.31 -0.57 0.00	26.96 -0.47 0.00	25.29 -0.28 0.00	24.91 -0.30 0.00	25.38 -0.33 0.00	25.35 -0.46 0.00	26.06 -0.18 0.00	26.52 0.16 0.00	26.64 0.26 0.00	28.27 0.31 0.00	30.23 0.33 0.00	30.96 0.22 0.00	34.28 0.27 0.00	37.33 0.26 0.00	42.41 0.46 0.00	49.85 -0.30 0.00	63.15 -0.06 0.00	74.05 -0.30 0.00	77.42 0.69 0.00	69.23 0.48 0.00	57.47 0.40 0.00	50.33 0.55 0.00	44.71 1.05 0.00
NEG WEST_LEA_LOCKPORT 23791	34.89 -0.14 0.00	30.36 0.48 0.00	28.03 0.60 0.00	26.00 0.43 0.00	25.47 0.25 0.00	26.02 0.31 0.00	25.69 -0.13 0.00	25.08 -1.15 0.00	24.83 -1.53 0.00	24.71 -1.66 0.00	26.90 -1.06 0.00	29.13 -0.78 0.00	30.10 -0.65 0.00	33.39 -0.61 0.00	36.40 -0.67 0.00	41.11 -0.84 0.00	50.30 0.15 0.00	63.34 0.13 0.00	73.90 -0.45 0.00	76.11 -0.61 0.00	67.65 -1.10 0.00	55.35 -1.71 0.00	48.94 -0.85 0.00	43.84 0.17 0.00
NEG WEST___LANCASTR 23811	34.29 -0.74 0.00	29.73 -0.15 0.00	27.40 -0.03 0.00	25.46 -0.10 0.00	24.89 -0.33 0.00	25.48 -0.23 0.00	25.20 -0.62 0.00	24.87 -1.36 0.00	24.70 -1.66 0.00	24.63 -1.74 0.00	26.76 -1.20 0.00	28.98 -0.93 0.00	29.95 -0.80 0.00	33.22 -0.78 0.00	36.22 -0.85 0.00	40.98 -0.96 0.00	50.00 -0.15 0.00	62.96 -0.25 0.00	73.60 -0.74 0.00	75.88 -0.84 0.00	67.51 -1.24 0.00	55.18 -1.88 0.00	48.69 -1.10 0.00	43.01 -0.65 0.00
NEG_PENN_ALLEGHNY 23528	35.38 0.35 0.00	30.33 0.45 0.00	27.89 0.47 0.00	25.97 0.41 0.00	25.52 0.30 0.00	26.10 0.39 0.00	26.07 0.26 0.00	26.21 -0.03 0.00	26.15 -0.21 0.00	26.22 -0.16 0.00	27.85 -0.11 0.00	29.90 0.00 0.00	30.81 0.06 0.00	34.14 0.14 0.00	37.26 0.19 0.00	42.24 0.30 0.00	50.85 0.70 0.00	64.10 0.88 0.00	75.68 1.34 0.00	78.11 1.38 0.00	69.78 1.03 0.00	57.69 0.63 0.00	50.28 0.50 0.00	44.05 0.39 0.00
NEG___GEN_MONROE 24207	35.34 0.32 0.00	30.36 0.48 0.00	28.03 0.60 0.00	25.97 0.41 0.00	25.57 0.35 0.00	26.10 0.39 0.00	25.97 0.15 0.00	25.77 -0.47 0.00	25.60 -0.76 0.00	25.55 -0.82 0.00	27.54 -0.42 0.00	29.66 -0.24 0.00	30.53 -0.22 0.00	33.90 -0.10 0.00	37.07 0.00 0.00	42.03 0.08 0.00	51.05 0.90 0.00	64.42 1.20 0.00	75.76 1.41 0.00	78.26 1.53 0.00	69.71 0.96 0.00	57.35 0.29 0.00	50.18 0.40 0.00	44.40 0.74 0.00
NEPA___ENERGY 23901	34.85 -0.18 0.00	30.24 0.36 0.00	27.83 0.41 0.00	25.87 0.31 0.00	25.32 0.10 0.00	25.89 0.18 0.00	25.63 -0.18 0.00	25.27 -0.97 0.00	25.07 -1.29 0.00	25.00 -1.37 0.00	27.12 -0.84 0.00	29.37 -0.54 0.00	30.35 -0.40 0.00	33.63 -0.37 0.00	36.62 -0.44 0.00	41.48 -0.46 0.00	50.60 0.45 0.00	63.66 0.44 0.00	74.42 0.07 0.00	76.80 0.08 0.00	68.33 -0.41 0.00	55.87 -1.20 0.00	49.24 -0.55 0.00	43.57 -0.09 0.00

NEVERSINK____HYD 23608	36.25 1.23 0.00	31.10 1.23 0.00	28.47 1.04 0.00	26.44 0.87 0.00	26.15 0.93 0.00	26.59 0.87 0.00	26.85 1.03 0.00	27.21 0.97 0.00	27.13 0.77 0.00	27.14 0.77 0.00	28.80 0.84 0.00	30.92 1.02 0.00	31.91 1.17 0.00	35.30 1.29 0.00	38.55 1.48 0.00	43.67 1.72 0.00	52.06 1.91 0.00	65.43 2.21 0.00	76.87 2.53 0.00	79.03 2.30 0.00	70.88 2.13 0.00	58.72 1.66 0.00	51.08 1.29 0.00	44.75 1.09 0.00
NEWKRMKL_115KV_TB1 55635	35.59 0.56 0.00	30.56 0.69 0.00	28.25 0.82 0.00	26.31 0.74 0.00	25.97 0.76 0.00	26.46 0.75 0.00	26.64 0.83 0.00	27.00 0.76 0.00	26.73 0.37 0.00	26.69 0.32 0.00	28.24 0.28 0.00	30.20 0.30 0.00	31.11 0.37 0.00	34.35 0.34 0.00	37.51 0.44 0.00	42.28 0.34 0.00	50.55 0.40 0.00	63.85 0.63 0.00	75.09 0.74 0.00	77.49 0.77 0.00	69.30 0.55 0.00	57.64 0.57 0.00	50.23 0.45 0.00	43.92 0.26 0.00
NEWTON____FALLS_HYD 23847	35.27 0.25 0.00	29.85 -0.03 0.00	27.40 -0.03 0.00	25.59 0.03 0.00	25.29 0.08 0.00	25.77 0.05 0.00	25.74 -0.08 0.00	26.16 -0.08 0.00	26.42 0.05 0.00	26.40 0.03 0.00	27.91 -0.06 0.00	29.87 -0.03 0.00	30.68 -0.06 0.00	34.01 0.00 0.00	37.03 -0.04 0.00	42.16 0.21 0.00	50.30 0.15 0.00	63.72 0.51 0.00	75.31 0.97 0.00	78.57 1.84 0.00	70.53 1.79 0.00	62.96 1.83 -4.07	57.34 1.44 -6.11	50.13 1.18 -5.29
NGRID_A1_DSASP 323792	34.36 -0.67 0.00	29.64 -0.24 0.00	27.45 0.03 0.00	25.41 -0.15 0.00	24.89 -0.33 0.00	25.43 -0.28 0.00	25.12 -0.70 0.00	24.80 -1.44 0.00	24.60 -1.77 0.00	24.74 -1.64 0.00	26.51 -1.46 0.00	28.71 -1.20 0.00	29.61 -1.14 0.00	32.82 -1.19 0.00	35.81 -1.26 0.00	40.39 -1.55 0.00	49.60 -0.55 0.00	62.14 -1.08 0.00	73.15 -1.19 0.00	75.04 -1.69 0.00	66.48 -2.27 0.00	54.84 -2.23 0.00	48.14 -1.64 0.00	42.74 -0.92 0.00
NGRID_A2_DSASP 323793	34.36 -0.67 0.00	29.64 -0.24 0.00	27.45 0.03 0.00	25.41 -0.15 0.00	24.89 -0.33 0.00	25.43 -0.28 0.00	25.12 -0.70 0.00	24.80 -1.44 0.00	24.60 -1.77 0.00	24.74 -1.64 0.00	26.51 -1.46 0.00	28.71 -1.20 0.00	29.61 -1.14 0.00	32.82 -1.19 0.00	35.81 -1.26 0.00	40.39 -1.55 0.00	49.60 -0.55 0.00	62.14 -1.08 0.00	73.15 -1.19 0.00	75.04 -1.69 0.00	66.48 -2.27 0.00	54.84 -2.23 0.00	48.14 -1.64 0.00	42.74 -0.92 0.00
NGRID_A4_DSASP 323807	34.36 -0.67 0.00	29.64 -0.24 0.00	27.45 0.03 0.00	25.41 -0.15 0.00	24.89 -0.33 0.00	25.43 -0.28 0.00	25.12 -0.70 0.00	24.80 -1.44 0.00	24.60 -1.77 0.00	24.74 -1.64 0.00	26.51 -1.46 0.00	28.71 -1.20 0.00	29.61 -1.14 0.00	32.82 -1.19 0.00	35.81 -1.26 0.00	40.39 -1.55 0.00	49.60 -0.55 0.00	62.14 -1.08 0.00	73.15 -1.19 0.00	75.04 -1.69 0.00	66.48 -2.27 0.00	54.84 -2.23 0.00	48.14 -1.64 0.00	42.74 -0.92 0.00
NIAGARA_115E_LBMP 323715	34.92 -0.10 0.00	30.15 0.27 0.00	27.92 0.49 0.00	25.85 0.28 0.00	25.32 0.10 0.00	25.87 0.16 0.00	25.48 -0.34 0.00	24.72 -1.52 0.00	24.62 -1.74 0.00	24.74 -1.64 0.00	26.54 -1.43 0.00	28.74 -1.17 0.00	29.64 -1.11 0.00	32.88 -1.12 0.00	35.85 -1.22 0.00	40.48 -1.47 0.00	49.70 -0.45 0.00	62.33 -0.89 0.00	73.37 -0.97 0.00	75.35 -1.38 0.00	66.75 -2.00 0.00	55.01 -2.05 0.00	48.29 -1.49 0.00	43.40 -0.26 0.00
NIAGARA_115W_LBMP 323714	34.26 -0.77 0.00	29.55 -0.33 0.00	27.37 -0.05 0.00	25.34 -0.23 0.00	24.84 -0.38 0.00	25.35 -0.36 0.00	25.07 -0.75 0.00	24.74 -1.49 0.00	24.54 -1.82 0.00	24.66 -1.71 0.00	26.42 -1.54 0.00	28.62 -1.28 0.00	29.55 -1.20 0.00	32.71 -1.29 0.00	35.70 -1.37 0.00	40.27 -1.68 0.00	49.45 -0.70 0.00	61.95 -1.26 0.00	72.93 -1.41 0.00	74.81 -1.92 0.00	66.27 -2.47 0.00	54.67 -2.39 0.00	47.99 -1.79 0.00	42.61 -1.05 0.00
NIAGARA_230_LBMP 323716	34.75 -0.28 0.00	29.97 0.09 0.00	27.73 0.30 0.00	25.69 0.13 0.00	25.17 -0.05 0.00	25.69 -0.03 0.00	25.40 -0.41 0.00	24.98 -1.26 0.00	24.86 -1.50 0.00	25.00 -1.37 0.00	26.76 -1.20 0.00	28.98 -0.93 0.00	29.89 -0.86 0.00	33.12 -0.88 0.00	36.14 -0.93 0.00	40.77 -1.17 0.00	50.00 -0.15 0.00	62.71 -0.51 0.00	73.83 -0.52 0.00	75.73 -1.00 0.00	67.17 -1.58 0.00	55.41 -1.66 0.00	48.59 -1.20 0.00	43.18 -0.48 0.00
NIAGARA__115KV_198_GIBSON 55903	34.85 -0.18 0.00	29.55 -0.33 0.00	27.31 -0.11 0.00	25.34 -0.23 0.00	24.84 -0.38 0.00	25.35 -0.36 0.00	25.07 -0.75 0.00	24.74 -1.50 0.00	24.41 -1.95 0.00	24.26 -2.11 0.00	26.42 -1.54 0.00	28.59 -1.32 0.00	29.52 -1.23 0.00	32.71 -1.29 0.00	35.70 -1.37 0.00	40.27 -1.68 0.00	49.25 -0.90 0.00	61.89 -1.33 0.00	72.11 -2.23 0.00	74.27 -2.46 0.00	66.00 -2.75 0.00	53.98 -3.08 0.00	47.79 -1.99 0.00	42.66 -1.00 0.00
NIAGARA____ 23760	34.75 -0.28 0.00	29.97 0.09 0.00	27.73 0.30 0.00	25.69 0.13 0.00	25.17 -0.05 0.00	25.69 -0.03 0.00	25.40 -0.41 0.00	24.98 -1.26 0.00	24.86 -1.50 0.00	25.00 -1.37 0.00	26.76 -1.20 0.00	28.98 -0.93 0.00	29.89 -0.86 0.00	33.12 -0.88 0.00	36.14 -0.93 0.00	40.77 -1.17 0.00	50.00 -0.15 0.00	62.71 -0.51 0.00	73.83 -0.52 0.00	75.73 -1.00 0.00	67.17 -1.58 0.00	55.41 -1.66 0.00	48.59 -1.20 0.00	43.18 -0.48 0.00
NINE_MILE_1 23575	34.19 -0.84 0.00	29.25 -0.63 0.00	26.93 -0.49 0.00	25.11 -0.46 0.00	24.71 -0.50 0.00	25.22 -0.49 0.00	25.30 -0.52 0.00	25.56 -0.68 0.00	25.60 -0.77 0.00	25.63 -0.74 0.00	27.18 -0.78 0.00	29.01 -0.90 0.00	29.79 -0.95 0.00	32.95 -1.05 0.00	35.92 -1.15 0.00	40.64 -1.30 0.00	48.75 -1.40 0.00	61.51 -1.70 0.00	72.49 -1.86 0.00	74.81 -1.92 0.00	66.89 -1.85 0.00	55.47 -1.60 0.00	48.39 -1.39 0.00	42.39 -1.27 0.00
NINE_MILE_2 23744	34.19 -0.84 0.00	29.25 -0.63 0.00	26.93 -0.49 0.00	25.11 -0.46 0.00	24.74 -0.48 0.00	25.22 -0.49 0.00	25.30 -0.52 0.00	25.58 -0.65 0.00	25.60 -0.77 0.00	25.63 -0.74 0.00	27.21 -0.75 0.00	29.01 -0.90 0.00	29.79 -0.95 0.00	32.95 -1.05 0.00	35.92 -1.15 0.00	40.64 -1.30 0.00	48.75 -1.40 0.00	61.51 -1.70 0.00	72.49 -1.86 0.00	74.81 -1.92 0.00	66.96 -1.79 0.00	55.47 -1.60 0.00	48.39 -1.39 0.00	42.39 -1.27 0.00
NM_CAPITAL____DRP 24208	35.69 0.67 0.00	30.65 0.78 0.00	28.27 0.85 0.00	26.33 0.77 0.00	26.02 0.81 0.00	26.51 0.80 0.00	26.69 0.88 0.00	27.08 0.84 0.00	26.81 0.45 0.00	26.77 0.40 0.00	28.33 0.36 0.00	30.29 0.39 0.00	31.21 0.46 0.00	34.41 0.41 0.00	37.59 0.52 0.00	42.32 0.38 0.00	50.65 0.50 0.00	63.98 0.76 0.00	75.16 0.82 0.00	77.57 0.84 0.00	69.43 0.69 0.00	57.69 0.63 0.00	50.33 0.55 0.00	44.01 0.35 0.00
NM_CENTRAL____DRP 24181	34.89 -0.14 0.00	29.85 -0.03 0.00	27.48 0.05 0.00	25.59 0.03 0.00	25.19 -0.03 0.00	25.74 0.03 0.00	25.76 -0.05 0.00	26.00 -0.24 0.00	25.97 -0.40 0.00	26.00 -0.37 0.00	27.65 -0.31 0.00	29.54 -0.36 0.00	30.38 -0.37 0.00	33.60 -0.41 0.00	36.59 -0.48 0.00	41.44 -0.50 0.00	49.80 -0.35 0.00	62.77 -0.44 0.00	74.05 -0.30 0.00	76.57 -0.15 0.00	68.40 -0.34 0.00	56.55 -0.51 0.00	49.33 -0.45 0.00	43.22 -0.44 0.00

NM_FRONTIER___DRP 24179	34.85 -0.18 0.00	29.55 -0.33 0.00	27.31 -0.11 0.00	25.34 -0.23 0.00	24.84 -0.38 0.00	25.35 -0.36 0.00	25.07 -0.75 0.00	24.74 -1.50 0.00	24.41 -1.95 0.00	24.26 -2.11 0.00	26.42 -1.54 0.00	28.59 -1.32 0.00	29.52 -1.23 0.00	32.71 -1.29 0.00	35.70 -1.37 0.00	40.27 -1.68 0.00	49.25 -0.90 0.00	61.89 -1.33 0.00	72.11 -2.23 0.00	74.27 -2.46 0.00	66.00 -2.75 0.00	53.98 -3.08 0.00	47.79 -1.99 0.00	42.66 -1.00 0.00
NM_ST_REGIS___HYD 24053	34.89 -0.14 0.00	29.46 -0.42 0.00	27.07 -0.36 0.00	25.36 -0.20 0.00	25.01 -0.20 0.00	25.51 -0.21 0.00	25.45 -0.36 0.00	26.08 -0.16 0.00	26.63 0.26 0.00	26.69 0.32 0.00	28.27 0.31 0.00	30.23 0.33 0.00	30.99 0.25 0.00	34.35 0.34 0.00	37.37 0.30 0.00	42.49 0.55 0.00	50.40 0.25 0.00	63.98 0.76 0.00	74.86 0.52 0.00	78.03 1.30 0.00	70.12 1.37 0.00	63.76 1.54 -5.15	58.87 1.34 -7.74	51.58 1.22 -6.70
NORTHPORT___1 23551	37.56 2.52 -0.01	32.03 2.15 0.00	29.34 1.92 0.00	27.10 1.53 0.00	26.75 1.54 0.00	27.15 1.44 0.00	27.31 1.50 0.00	27.92 1.68 0.00	27.68 1.32 0.00	28.11 1.74 0.00	30.01 2.04 -0.01	32.66 2.33 -0.42	35.86 2.46 -2.65	43.55 2.62 -6.93	44.37 2.82 -4.49	45.96 3.02 -0.99	52.06 1.91 -0.01	64.93 1.71 -0.01	75.31 0.96 0.00	76.57 -0.15 0.00	68.61 -0.14 0.00	57.12 0.06 0.00	49.24 -0.55 0.00	44.88 1.22 0.00
NORTHPORT___2 23552	37.56 2.52 -0.01	32.03 2.15 0.00	29.34 1.92 0.00	27.10 1.53 0.00	26.75 1.54 0.00	27.15 1.44 0.00	27.31 1.50 0.00	27.92 1.68 0.00	27.68 1.32 0.00	28.11 1.74 0.00	30.01 2.04 -0.01	32.66 2.33 -0.42	35.86 2.46 -2.65	43.55 2.62 -6.93	44.37 2.82 -4.49	45.96 3.02 -0.99	52.06 1.91 -0.01	64.93 1.71 -0.01	75.31 0.96 0.00	76.57 -0.15 0.00	68.61 -0.14 0.00	57.12 0.06 0.00	49.24 -0.55 0.00	44.88 1.22 0.00
NORTHPORT___3 23553	37.24 2.21 -0.01	31.76 1.88 0.00	29.07 1.65 0.00	26.87 1.30 0.00	26.53 1.31 0.00	26.92 1.21 0.00	27.08 1.26 0.00	27.65 1.42 0.00	27.52 1.16 0.00	27.90 1.53 0.00	29.79 1.82 -0.01	32.38 2.06 -0.42	35.61 2.21 -2.65	43.35 2.41 -6.93	44.04 2.48 -4.49	45.37 2.43 -0.99	51.56 1.40 -0.01	64.23 1.01 -0.01	74.49 0.15 0.00	75.81 -0.92 0.00	67.92 -0.82 0.00	56.50 -0.57 0.00	48.79 -1.00 0.00	44.23 0.57 0.00
NORTHPORT___4 23650	37.24 2.21 -0.01	31.76 1.88 0.00	29.07 1.65 0.00	26.87 1.30 0.00	26.53 1.31 0.00	26.92 1.21 0.00	27.08 1.26 0.00	27.65 1.42 0.00	27.52 1.16 0.00	27.90 1.53 0.00	29.79 1.82 -0.01	32.38 2.06 -0.42	35.61 2.21 -2.65	43.35 2.41 -6.93	44.04 2.48 -4.49	45.37 2.43 -0.99	51.56 1.40 -0.01	64.23 1.01 -0.01	74.49 0.15 0.00	75.81 -0.92 0.00	67.92 -0.82 0.00	56.50 -0.57 0.00	48.79 -1.00 0.00	44.23 0.57 0.00
NORTHPORT___IC 23718	37.55 2.52 0.00	32.03 2.15 0.00	29.26 1.84 0.00	27.10 1.53 0.00	26.75 1.54 0.00	27.15 1.44 0.00	27.31 1.50 0.00	27.92 1.68 0.00	27.71 1.34 0.00	28.17 1.79 0.00	30.00 2.04 -0.42	32.66 2.33 -2.65	35.86 2.46 -6.93	43.55 2.62 -4.49	44.30 2.74 -0.99	45.88 2.94 0.00	53.21 3.06 0.00	66.50 3.29 0.00	77.54 3.20 0.00	79.57 2.84 0.00	70.81 2.06 0.00	58.89 1.83 0.00	50.78 1.00 0.00	45.36 1.70 0.00
NORTH___COUNTRY_ESR 323785	34.19 -0.84 0.00	28.89 -0.99 0.00	26.52 -0.90 0.00	24.85 -0.72 0.00	24.51 -0.71 0.00	24.97 -0.75 0.00	24.99 -0.83 0.00	25.69 -0.55 0.00	26.18 -0.18 0.00	26.27 -0.11 0.00	27.82 -0.14 0.00	29.75 -0.15 0.00	30.50 -0.25 0.00	33.77 -0.24 0.00	36.77 -0.30 0.00	41.74 -0.21 0.00	49.35 -0.80 0.00	62.46 -0.76 0.00	73.23 -1.11 0.00	76.34 -0.38 0.00	68.27 -0.48 0.00	57.21 -0.28 -0.43	50.33 -0.10 -0.64	44.48 0.26 -0.56
NPX_GEN_1385_PROXY 323591	37.45 2.42 -0.01	32.03 2.15 0.00	29.34 1.92 0.00	27.10 1.53 0.00	26.75 1.54 0.00	27.15 1.44 0.00	27.31 1.50 0.00	28.15 1.91 0.00	27.52 1.16 0.00	27.95 1.58 0.00	29.84 1.87 -0.01	32.45 2.12 -0.42	35.46 2.06 -2.65	39.97 2.01 -3.96	42.23 2.11 -3.05	44.74 2.35 -0.45	51.91 1.20 -0.55	64.49 1.26 -0.01	74.79 0.45 0.00	75.96 -0.77 0.00	68.40 -0.34 0.00	56.95 -0.11 0.00	48.94 -0.85 0.00	44.62 0.96 0.00
NPX_GEN_CSC 323557	37.38 2.35 -0.01	31.82 1.94 0.00	29.18 1.76 0.00	26.89 1.33 0.00	26.55 1.34 0.00	26.92 1.21 0.00	27.03 1.21 0.00	27.65 1.42 0.00	27.47 1.11 0.00	27.98 1.61 0.00	29.96 1.99 -0.01	32.57 2.24 -0.42	35.89 2.49 -2.65	43.66 2.72 -6.93	44.56 3.00 -4.49	45.79 3.40 -0.45	53.36 2.66 -0.55	65.88 2.65 -0.01	76.35 2.01 0.00	77.49 0.77 0.00	69.29 0.55 0.00	57.64 0.57 0.00	49.44 -0.35 0.00	44.75 1.09 0.00
NSINS_S_GLNS_FALLS 23858	36.60 1.58 0.00	31.28 1.40 0.00	28.74 1.32 0.00	26.74 1.18 0.00	26.38 1.16 0.00	26.92 1.21 0.00	27.11 1.29 0.00	27.29 1.05 0.00	27.05 0.69 0.00	26.95 0.58 0.00	28.30 0.34 0.00	30.20 0.30 0.00	31.18 0.43 0.00	34.48 0.48 0.00	37.70 0.63 0.00	42.70 0.76 0.00	51.25 1.10 0.00	65.30 2.09 0.00	77.84 3.49 0.00	80.72 3.99 0.00	72.32 3.57 0.00	59.92 2.85 0.00	52.17 2.39 0.00	45.45 1.79 0.00
NUCOR_STEEL___DRP 24197	35.34 0.32 0.00	30.21 0.33 0.00	27.81 0.38 0.00	25.92 0.36 0.00	25.47 0.25 0.00	26.05 0.33 0.00	26.05 0.23 0.00	26.24 0.00 0.00	26.15 -0.21 0.00	26.16 -0.21 0.00	27.85 -0.11 0.00	29.78 -0.12 0.00	30.65 -0.09 0.00	33.97 -0.03 0.00	37.11 0.04 0.00	42.03 0.08 0.00	50.60 0.45 0.00	63.91 0.70 0.00	75.46 1.12 0.00	78.11 1.38 0.00	69.78 1.03 0.00	57.64 0.57 0.00	50.23 0.45 0.00	44.05 0.39 0.00
NUMBER_THREE_WT_PWR 323818	35.59 0.56 0.00	30.18 0.30 0.00	27.70 0.27 0.00	25.85 0.28 0.00	25.54 0.33 0.00	26.05 0.33 0.00	26.05 0.23 0.00	26.34 0.11 0.00	26.34 -0.03 0.00	26.24 -0.13 0.00	27.71 -0.25 0.00	29.66 -0.24 0.00	30.50 -0.25 0.00	33.84 -0.17 0.00	36.88 -0.18 0.00	41.99 0.04 0.00	50.25 0.10 0.00	63.60 0.38 0.00	75.83 1.49 0.00	79.11 2.38 0.00	70.88 2.13 0.00	60.76 1.94 -1.76	53.81 1.39 -2.64	47.03 1.09 -2.28
NYISO_LBMP_REFERENCE 24008	35.03 0.00 0.00	29.88 0.00 0.00	27.42 0.00 0.00	25.57 0.00 0.00	25.22 0.00 0.00	25.71 0.00 0.00	25.82 0.00 0.00	26.24 0.00 0.00	26.36 0.00 0.00	26.37 0.00 0.00	27.96 0.00 0.00	29.90 0.00 0.00	30.75 0.00 0.00	34.01 0.00 0.00	37.07 0.00 0.00	41.95 0.00 0.00	50.15 0.00 0.00	63.22 0.00 0.00	74.34 0.00 0.00	76.73 0.00 0.00	68.75 0.00 0.00	57.07 0.00 0.00	49.78 0.00 0.00	43.66 0.00 0.00
NYPA_BRENTWD____GT 24164	37.94 2.91 -0.01	32.33 2.45 0.00	29.62 2.19 0.00	27.33 1.76 0.00	26.98 1.76 0.00	27.36 1.65 0.00	27.49 1.68 0.00	28.10 1.86 0.00	27.89 1.53 0.00	28.38 2.00 0.00	30.32 2.35 -0.01	32.98 2.66 -0.42	36.26 2.86 -2.65	44.03 3.09 -6.93	44.93 3.37 -4.49	46.72 3.78 -0.99	53.17 3.01 -0.01	66.13 2.91 -0.01	76.72 2.38 0.00	77.95 1.22 0.00	69.84 1.10 0.00	58.32 1.25 0.00	50.18 0.40 0.00	45.45 1.79 0.00

NYPA_GOWANUS____GT5 24156	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.86 1.64 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.26 1.20 0.01	51.38 1.59 0.00	45.36 1.70 0.00
NYPA_GOWANUS____GT6 24157	37.24 2.21 -0.01	31.92 2.03 -0.01	29.21 1.78 -0.01	27.16 1.59 -0.01	26.86 1.64 -0.01	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.04 1.66 -0.01	29.73 1.76 -0.01	31.97 2.06 -0.01	32.97 2.21 -0.01	36.46 2.45 -0.01	39.67 2.59 -0.01	44.72 2.77 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.26 1.20 0.01	51.38 1.59 0.00	45.36 1.70 0.00
NYPA_HARLEM__RVR__GT1 24160	36.96 1.93 -0.01	31.71 1.82 -0.01	29.02 1.59 -0.01	26.98 1.41 -0.01	26.69 1.46 -0.01	27.10 1.39 0.00	27.42 1.60 0.00	27.84 1.60 0.00	27.84 1.48 0.00	28.02 1.64 -0.01	29.68 1.71 -0.01	31.95 2.03 -0.01	32.97 2.21 -0.01	36.43 2.41 -0.01	39.75 2.67 -0.01	44.81 2.85 -0.01	52.71 2.56 0.00	65.42 2.21 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.18 1.45 0.01	58.03 0.97 0.01	51.52 1.74 0.00	45.37 1.70 -0.01
NYPA_HARLEM__RVR__GT2 24161	36.96 1.93 -0.01	31.71 1.82 -0.01	29.02 1.59 -0.01	26.98 1.41 -0.01	26.69 1.46 -0.01	27.10 1.39 0.00	27.42 1.60 0.00	27.84 1.60 0.00	27.84 1.48 0.00	28.02 1.64 -0.01	29.68 1.71 -0.01	31.95 2.03 -0.01	32.97 2.21 -0.01	36.43 2.41 -0.01	39.75 2.67 -0.01	44.81 2.85 -0.01	52.71 2.56 0.00	65.42 2.21 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.18 1.45 0.01	58.03 0.97 0.01	51.52 1.74 0.00	45.37 1.70 -0.01
NYPA_KENT____GT 24152	37.14 2.10 -0.01	31.86 1.97 -0.01	29.16 1.73 -0.01	27.08 1.51 -0.01	26.79 1.56 -0.01	27.18 1.46 0.00	27.47 1.65 0.00	27.89 1.65 0.00	27.87 1.50 0.00	28.02 1.64 -0.01	29.70 1.73 -0.01	31.95 2.03 -0.01	32.94 2.18 -0.01	36.43 2.41 -0.01	39.67 2.59 -0.01	44.68 2.72 -0.01	52.66 2.51 0.00	65.36 2.15 0.01	76.19 1.86 0.01	78.10 1.38 0.01	70.11 1.37 0.01	58.20 1.14 0.01	51.33 1.54 0.00	45.28 1.62 0.00
NYPA_POUCH1____GT 24155	29.38 2.28 7.93	31.98 2.09 -0.01	29.30 1.87 -0.01	27.21 1.64 -0.01	26.91 1.69 -0.01	27.28 1.57 0.00	27.55 1.73 0.00	27.89 1.65 0.00	27.84 1.48 0.00	28.02 1.64 -0.01	29.70 1.73 -0.01	31.97 2.06 -0.01	32.91 2.15 -0.01	36.39 2.38 -0.01	39.60 2.52 -0.01	44.64 2.69 -0.01	52.41 2.26 0.00	65.10 1.89 0.01	75.97 1.63 0.01	77.87 1.15 0.01	69.83 1.10 0.01	58.03 0.97 0.01	51.23 1.44 0.00	45.36 1.70 0.00
NYPA_VERNON____GT2 24162	37.00 1.96 -0.01	31.77 1.88 -0.01	29.08 1.65 -0.01	27.00 1.43 -0.01	26.71 1.49 -0.01	27.13 1.41 0.00	27.44 1.63 0.00	27.87 1.63 0.00	27.87 1.50 0.00	27.99 1.61 -0.01	29.68 1.71 -0.01	31.92 2.00 -0.01	32.91 2.15 -0.01	36.39 2.38 -0.01	39.63 2.56 -0.01	44.68 2.72 -0.01	52.66 2.51 0.00	65.42 2.21 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.14 1.08 0.01	51.33 1.54 0.00	45.19 1.53 0.00
NYPA_VERNON____GT3 24163	37.00 1.96 -0.01	31.77 1.88 -0.01	29.08 1.65 -0.01	27.00 1.43 -0.01	26.71 1.49 -0.01	27.13 1.41 0.00	27.44 1.63 0.00	27.87 1.63 0.00	27.87 1.50 0.00	27.99 1.61 -0.01	29.68 1.71 -0.01	31.92 2.00 -0.01	32.91 2.15 -0.01	36.39 2.38 -0.01	39.63 2.56 -0.01	44.68 2.72 -0.01	52.66 2.51 0.00	65.42 2.21 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.14 1.08 0.01	51.33 1.54 0.00	45.19 1.53 0.00
NYPA__ASTORIA_CC1 323568	36.96 1.93 -0.01	31.74 1.85 -0.01	29.05 1.62 -0.01	27.00 1.43 -0.01	26.71 1.49 -0.01	27.13 1.41 0.00	27.44 1.63 0.00	27.87 1.63 0.00	27.84 1.48 0.00	27.99 1.61 -0.01	29.68 1.71 -0.01	31.92 2.00 -0.01	32.91 2.15 -0.01	36.39 2.38 -0.01	39.63 2.56 -0.01	44.64 2.69 -0.01	52.61 2.46 0.00	65.29 2.08 0.01	76.19 1.86 0.01	78.02 1.30 0.01	70.04 1.30 0.01	58.03 0.97 0.01	51.28 1.49 0.00	45.19 1.53 0.00
NYPA__ASTORIA_CC2 323569	36.96 1.93 -0.01	31.74 1.85 -0.01	29.05 1.62 -0.01	27.00 1.43 -0.01	26.71 1.49 -0.01	27.13 1.41 0.00	27.44 1.63 0.00	27.87 1.63 0.00	27.84 1.48 0.00	27.99 1.61 -0.01	29.68 1.71 -0.01	31.92 2.00 -0.01	32.91 2.15 -0.01	36.39 2.38 -0.01	39.63 2.56 -0.01	44.64 2.69 -0.01	52.61 2.46 0.00	65.29 2.08 0.01	76.19 1.86 0.01	78.02 1.30 0.01	70.04 1.30 0.01	58.03 0.97 0.01	51.28 1.49 0.00	45.19 1.53 0.00
NYPA__HOLTSVILL 23794	37.66 2.63 -0.01	32.09 2.21 0.00	29.40 1.98 0.00	27.13 1.56 0.00	26.78 1.56 0.00	27.15 1.44 0.00	27.29 1.47 0.00	27.89 1.65 0.00	27.71 1.34 0.00	28.19 1.82 0.00	30.12 2.15 -0.01	32.78 2.45 -0.42	36.04 2.64 -2.65	43.76 2.82 -6.93	44.63 3.08 -4.49	46.38 3.44 -0.99	52.81 2.66 -0.01	65.88 2.65 -0.01	76.27 1.93 0.00	77.49 0.77 0.00	69.36 0.62 0.00	57.81 0.74 0.00	49.68 -0.10 0.00	44.97 1.31 0.00
NYPA____HELLGATE_GT1 24158	36.96 1.93 -0.01	31.71 1.82 -0.01	29.02 1.59 -0.01	26.98 1.41 -0.01	26.69 1.46 -0.01	27.10 1.39 0.00	27.42 1.60 0.00	27.84 1.60 0.00	27.84 1.48 0.00	28.02 1.64 -0.01	29.68 1.71 -0.01	31.95 2.03 -0.01	32.97 2.21 -0.01	36.43 2.41 -0.01	39.75 2.67 -0.01	44.81 2.85 -0.01	52.71 2.56 0.00	65.42 2.21 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.18 1.45 0.01	58.03 0.97 0.01	51.52 1.74 0.00	45.37 1.70 -0.01
NYPA____HELLGATE_GT2 24159	36.96 1.93 -0.01	31.71 1.82 -0.01	29.02 1.59 -0.01	26.98 1.41 -0.01	26.69 1.46 -0.01	27.10 1.39 0.00	27.42 1.60 0.00	27.84 1.60 0.00	27.84 1.48 0.00	28.02 1.64 -0.01	29.68 1.71 -0.01	31.95 2.03 -0.01	32.97 2.21 -0.01	36.43 2.41 -0.01	39.75 2.67 -0.01	44.81 2.85 -0.01	52.71 2.56 0.00	65.42 2.21 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.18 1.45 0.01	58.03 0.97 0.01	51.52 1.74 0.00	45.37 1.70 -0.01
NYS_BARGE__HYD 23848	35.20 0.18 0.00	30.39 0.51 0.00	28.11 0.69 0.00	26.03 0.46 0.00	25.49 0.28 0.00	26.05 0.33 0.00	25.71 -0.10 0.00	25.06 -1.18 0.00	24.97 -1.40 0.00	25.08 -1.29 0.00	26.90 -1.06 0.00	29.13 -0.78 0.00	30.07 -0.68 0.00	33.36 -0.65 0.00	36.44 -0.63 0.00	41.15 -0.80 0.00	50.50 0.35 0.00	63.41 0.19 0.00	74.72 0.37 0.00	76.73 0.00 0.00	67.99 -0.75 0.00	56.04 -1.03 0.00	49.13 -0.65 0.00	43.92 0.26 0.00
OAK ORCHARD__HYD 24046	35.31 0.28 0.00	30.27 0.39 0.00	27.92 0.49 0.00	25.87 0.31 0.00	25.47 0.25 0.00	26.00 0.28 0.00	25.89 0.08 0.00	25.85 -0.39 0.00	25.78 -0.58 0.00	25.87 -0.50 0.00	27.65 -0.31 0.00	29.75 -0.15 0.00	30.65 -0.09 0.00	34.04 0.03 0.00	37.18 0.11 0.00	42.11 0.17 0.00	51.10 0.95 0.00	64.48 1.26 0.00	76.05 1.71 0.00	78.34 1.61 0.00	69.71 0.96 0.00	57.58 0.51 0.00	50.18 0.40 0.00	44.19 0.53 0.00

OAKDALE___35_KV_LOAD 356122	35.24 0.21 0.00	30.21 0.33 0.00	27.75 0.33 0.00	25.87 0.31 0.00	25.44 0.23 0.00	26.00 0.28 0.00	26.00 0.18 0.00	26.13 -0.10 0.00	26.05 -0.32 0.00	26.06 -0.32 0.00	27.77 -0.20 0.00	29.78 -0.12 0.00	30.68 -0.06 0.00	34.01 0.00 0.00	37.07 0.00 0.00	42.03 0.08 0.00	50.55 0.40 0.00	63.72 0.51 0.00	75.09 0.74 0.00	77.65 0.92 0.00	69.30 0.55 0.00	57.24 0.17 0.00	49.98 0.20 0.00	43.84 0.17 0.00
OCC_CHEM___DRP 24175	34.89 -0.14 0.00	29.64 -0.24 0.00	27.40 -0.03 0.00	25.41 -0.15 0.00	24.89 -0.33 0.00	25.43 -0.28 0.00	25.12 -0.70 0.00	24.80 -1.44 0.00	24.47 -1.90 0.00	24.34 -2.03 0.00	26.51 -1.45 0.00	28.68 -1.23 0.00	29.61 -1.14 0.00	32.82 -1.19 0.00	35.81 -1.26 0.00	40.39 -1.55 0.00	49.40 -0.75 0.00	62.08 -1.14 0.00	72.34 -2.01 0.00	74.50 -2.23 0.00	66.13 -2.61 0.00	54.16 -2.91 0.00	47.94 -1.84 0.00	42.79 -0.87 0.00
OH_GEN_PROXY 24063	34.71 -0.32 0.00	29.94 0.06 0.00	27.70 0.27 0.00	25.67 0.10 0.00	25.14 -0.08 0.00	25.69 -0.03 0.00	25.40 -0.41 0.00	25.01 -1.23 0.00	24.89 -1.48 0.00	25.00 -1.37 0.00	26.79 -1.17 0.00	29.01 -0.90 0.00	29.92 -0.83 0.00	33.16 -0.85 0.00	36.14 -0.93 0.00	40.27 -1.13 0.55	50.60 -0.10 -0.55	62.78 -0.44 0.00	73.90 -0.44 0.00	75.81 -0.92 0.00	67.23 -1.51 0.00	55.47 -1.60 0.00	48.59 -1.20 0.00	43.18 -0.48 0.00
OLIN_CORP_DRP 24177	34.50 -0.53 0.00	30.15 0.27 0.00	27.86 0.44 0.00	25.85 0.28 0.00	25.32 0.10 0.00	25.87 0.15 0.00	25.51 -0.31 0.00	24.80 -1.44 0.00	24.57 -1.79 0.00	24.42 -1.95 0.00	26.59 -1.37 0.00	28.80 -1.11 0.00	29.73 -1.01 0.00	32.95 -1.05 0.00	35.96 -1.11 0.00	40.56 -1.38 0.00	49.65 -0.50 0.00	62.46 -0.76 0.00	72.78 -1.56 0.00	74.96 -1.76 0.00	66.61 -2.13 0.00	54.50 -2.57 0.00	48.24 -1.54 0.00	43.44 -0.22 0.00
OLIN_CORP_DSASP 323712	34.36 -0.67 0.00	29.64 -0.24 0.00	27.45 0.03 0.00	25.41 -0.15 0.00	24.89 -0.33 0.00	25.43 -0.28 0.00	25.12 -0.70 0.00	24.80 -1.44 0.00	24.60 -1.77 0.00	24.74 -1.64 0.00	26.51 -1.46 0.00	28.71 -1.20 0.00	29.61 -1.14 0.00	32.82 -1.19 0.00	35.81 -1.26 0.00	40.39 -1.55 0.00	49.60 -0.55 0.00	62.14 -1.08 0.00	73.15 -1.19 0.00	75.04 -1.69 0.00	66.48 -2.27 0.00	54.84 -2.23 0.00	48.14 -1.64 0.00	42.74 -0.92 0.00
ONEIDA_HERK_LFGE 323681	35.73 0.70 0.00	30.42 0.54 0.00	27.92 0.49 0.00	26.03 0.46 0.00	25.72 0.50 0.00	26.23 0.51 0.00	26.28 0.47 0.00	26.58 0.34 0.00	26.55 0.19 0.00	26.48 0.11 0.00	28.02 0.06 0.00	29.99 0.09 0.00	30.90 0.15 0.00	34.25 0.24 0.00	37.33 0.26 0.00	42.41 0.46 0.00	50.85 0.70 0.00	64.17 0.95 0.00	76.12 1.78 0.00	79.11 2.38 0.00	70.81 2.06 0.00	59.64 1.77 -0.80	52.33 1.34 -1.20	45.70 1.00 -1.04
ONEIDA___115KV_TB4 55905	35.90 0.88 0.00	30.65 0.78 0.00	28.16 0.74 0.00	26.23 0.66 0.00	25.87 0.66 0.00	26.41 0.69 0.00	26.43 0.62 0.00	26.69 0.45 0.00	26.60 0.24 0.00	26.56 0.18 0.00	28.13 0.17 0.00	30.11 0.21 0.00	31.05 0.31 0.00	34.41 0.41 0.00	37.55 0.48 0.00	42.62 0.67 0.00	51.20 1.05 0.00	64.54 1.33 0.00	76.57 2.23 0.00	79.49 2.76 0.00	71.08 2.34 0.00	59.23 1.83 -0.33	51.73 1.44 -0.50	45.23 1.14 -0.43
ONONDAGA_REF_OCCRA 23987	35.03 0.00 0.00	29.94 0.06 0.00	27.53 0.11 0.00	25.67 0.10 0.00	25.24 0.03 0.00	25.79 0.08 0.00	25.82 0.00 0.00	26.06 -0.18 0.00	26.05 -0.32 0.00	26.06 -0.32 0.00	27.71 -0.25 0.00	29.63 -0.27 0.00	30.44 -0.31 0.00	33.73 -0.27 0.00	36.74 -0.33 0.00	41.65 -0.29 0.00	50.05 -0.10 0.00	63.09 -0.13 0.00	74.49 0.15 0.00	77.03 0.31 0.00	68.81 0.07 0.00	56.89 -0.17 0.00	49.58 -0.20 0.00	43.44 -0.22 0.00
ONONDAGA___COGEN 23986	35.06 0.04 0.00	29.97 0.09 0.00	27.59 0.16 0.00	25.69 0.13 0.00	25.27 0.05 0.00	25.84 0.13 0.00	25.87 0.05 0.00	26.11 -0.13 0.00	26.07 -0.29 0.00	26.11 -0.26 0.00	27.77 -0.20 0.00	29.66 -0.24 0.00	30.50 -0.25 0.00	33.77 -0.24 0.00	36.85 -0.22 0.00	41.74 -0.21 0.00	50.15 0.00 0.00	63.22 0.00 0.00	74.57 0.22 0.00	77.19 0.46 0.00	68.88 0.14 0.00	57.01 -0.06 0.00	49.68 -0.10 0.00	43.57 -0.09 0.00
ONTARIO___LFGE 23819	35.59 0.56 0.00	30.48 0.60 0.00	28.05 0.63 0.00	26.10 0.54 0.00	25.62 0.40 0.00	26.23 0.51 0.00	26.15 0.33 0.00	26.13 -0.10 0.00	26.02 -0.34 0.00	26.06 -0.32 0.00	27.77 -0.19 0.00	29.81 -0.09 0.00	30.75 0.00 0.00	34.14 0.14 0.00	37.33 0.26 0.00	42.32 0.38 0.00	51.05 0.90 0.00	64.55 1.33 0.00	76.57 2.23 0.00	79.18 2.45 0.00	70.60 1.86 0.00	58.21 1.14 0.00	50.68 0.90 0.00	44.58 0.92 0.00
ORANGEVILLE_WT_PWR 323706	35.17 0.14 0.00	30.33 0.45 0.00	28.03 0.60 0.00	25.97 0.41 0.00	25.44 0.23 0.00	26.02 0.31 0.00	25.76 -0.05 0.00	25.35 -0.89 0.00	25.15 -1.21 0.00	25.24 -1.13 0.00	26.98 -0.98 0.00	29.19 -0.72 0.00	30.13 -0.61 0.00	33.46 -0.55 0.00	36.47 -0.59 0.00	41.32 -0.63 0.00	50.50 0.35 0.00	63.47 0.25 0.00	75.09 0.74 0.00	77.49 0.77 0.00	69.02 0.28 0.00	56.84 -0.23 0.00	49.78 0.00 0.00	43.97 0.31 0.00
ORANGEVILLE___ESR 323794	35.17 0.14 0.00	30.33 0.45 0.00	28.03 0.60 0.00	25.97 0.41 0.00	25.44 0.23 0.00	26.02 0.31 0.00	25.76 -0.05 0.00	25.35 -0.89 0.00	25.15 -1.21 0.00	25.24 -1.13 0.00	26.98 -0.98 0.00	29.19 -0.72 0.00	30.13 -0.61 0.00	33.46 -0.55 0.00	36.47 -0.59 0.00	41.32 -0.63 0.00	50.50 0.35 0.00	63.47 0.25 0.00	75.09 0.74 0.00	77.49 0.77 0.00	69.02 0.28 0.00	56.84 -0.23 0.00	49.78 0.00 0.00	43.97 0.31 0.00
OSWEGATCHIE___HYD 24044	35.27 0.25 0.00	29.85 -0.03 0.00	27.40 -0.03 0.00	25.59 0.03 0.00	25.29 0.08 0.00	25.77 0.05 0.00	25.74 -0.08 0.00	26.16 -0.08 0.00	26.42 0.05 0.00	26.40 0.03 0.00	27.91 -0.06 0.00	29.87 -0.03 0.00	30.68 -0.06 0.00	34.01 0.00 0.00	37.03 -0.04 0.00	42.16 0.21 0.00	50.25 0.10 0.00	63.72 0.50 0.00	75.31 0.96 0.00	78.72 1.99 0.00	70.53 1.78 0.00	63.02 1.88 -4.07	57.39 1.49 -6.11	50.26 1.31 -5.29
OSWEGO___5 23606	34.47 -0.56 0.00	29.46 -0.42 0.00	27.12 -0.30 0.00	25.26 -0.31 0.00	24.89 -0.33 0.00	25.41 -0.31 0.00	25.45 -0.36 0.00	25.71 -0.52 0.00	25.76 -0.61 0.00	25.79 -0.58 0.00	27.35 -0.62 0.00	29.22 -0.69 0.00	30.01 -0.74 0.00	33.23 -0.78 0.00	36.18 -0.89 0.00	40.98 -0.96 0.00	49.15 -1.00 0.00	61.95 -1.26 0.00	73.08 -1.26 0.00	75.42 -1.30 0.00	67.51 -1.24 0.00	55.93 -1.14 0.00	48.79 -1.00 0.00	42.74 -0.92 0.00
OSWEGO___6 23613	34.47 -0.56 0.00	29.46 -0.42 0.00	27.12 -0.30 0.00	25.26 -0.31 0.00	24.89 -0.33 0.00	25.41 -0.31 0.00	25.45 -0.36 0.00	25.71 -0.52 0.00	25.76 -0.61 0.00	25.79 -0.58 0.00	27.35 -0.62 0.00	29.22 -0.69 0.00	30.01 -0.74 0.00	33.23 -0.78 0.00	36.18 -0.89 0.00	40.98 -0.96 0.00	49.15 -1.00 0.00	61.95 -1.26 0.00	73.08 -1.26 0.00	75.42 -1.30 0.00	67.51 -1.24 0.00	55.93 -1.14 0.00	48.79 -1.00 0.00	42.74 -0.92 0.00

OUTOKUMPU-AB___DRP 24206	35.24 0.21 0.00	30.33 0.45 0.00	28.00 0.58 0.00	25.97 0.41 0.00	25.42 0.20 0.00	26.02 0.31 0.00	25.69 -0.13 0.00	25.22 -1.02 0.00	24.97 -1.40 0.00	24.84 -1.53 0.00	27.07 -0.89 0.00	29.34 -0.57 0.00	30.32 -0.43 0.00	33.67 -0.34 0.00	36.70 -0.37 0.00	41.44 -0.50 0.00	50.70 0.55 0.00	63.79 0.57 0.00	74.42 0.07 0.00	76.65 -0.08 0.00	68.06 -0.69 0.00	55.70 -1.37 0.00	49.29 -0.50 0.00	43.92 0.26 0.00
OXBOW___BTM 323836	34.78 -0.24 0.00	30.03 0.15 0.00	27.81 0.38 0.00	25.72 0.15 0.00	25.19 -0.03 0.00	25.77 0.05 0.00	25.43 -0.39 0.00	25.03 -1.21 0.00	24.91 -1.45 0.00	25.03 -1.34 0.00	26.84 -1.12 0.00	29.10 -0.81 0.00	30.04 -0.71 0.00	33.33 -0.68 0.00	36.33 -0.74 0.00	41.02 -0.92 0.00	50.40 0.25 0.00	63.15 -0.06 0.00	74.34 0.00 0.00	76.27 -0.46 0.00	67.58 -1.17 0.00	55.70 -1.37 0.00	48.89 -0.89 0.00	43.40 -0.26 0.00
OXBOW___ 24026	35.10 0.07 0.00	30.03 0.15 0.00	27.75 0.33 0.00	25.72 0.15 0.00	25.19 -0.03 0.00	25.77 0.05 0.00	25.43 -0.39 0.00	25.03 -1.21 0.00	24.76 -1.61 0.00	24.63 -1.74 0.00	26.84 -1.12 0.00	29.07 -0.84 0.00	30.04 -0.71 0.00	33.33 -0.68 0.00	36.33 -0.74 0.00	41.02 -0.92 0.00	50.20 0.05 0.00	63.09 -0.13 0.00	73.60 -0.74 0.00	75.73 -1.00 0.00	67.30 -1.44 0.00	55.07 -2.00 0.00	48.74 -1.05 0.00	43.44 -0.22 0.00
OXY_CHEM_DSASP 323612	34.89 -0.14 0.00	29.64 -0.24 0.00	27.40 -0.03 0.00	25.41 -0.15 0.00	24.89 -0.33 0.00	25.43 -0.28 0.00	25.12 -0.70 0.00	24.80 -1.44 0.00	24.47 -1.90 0.00	24.34 -2.03 0.00	26.51 -1.45 0.00	28.68 -1.23 0.00	29.61 -1.14 0.00	32.82 -1.19 0.00	35.81 -1.26 0.00	40.39 -1.55 0.00	49.40 -0.75 0.00	62.08 -1.14 0.00	72.34 -2.01 0.00	74.50 -2.23 0.00	66.13 -2.61 0.00	54.16 -2.91 0.00	47.94 -1.84 0.00	42.79 -0.87 0.00
OZONE_PARK_ESR 323760	37.09 2.07 0.00	31.82 1.94 0.00	29.07 1.65 0.00	27.05 1.48 0.00	26.75 1.54 0.00	27.21 1.49 0.00	27.54 1.73 0.00	28.00 1.76 0.00	28.02 1.66 0.00	28.14 1.77 0.00	29.78 1.82 0.00	32.03 2.12 0.00	33.02 2.28 0.00	36.52 2.52 0.00	39.81 2.74 0.00	44.92 2.98 0.00	53.31 3.16 0.00	66.44 3.22 0.00	77.76 3.42 0.00	80.03 3.30 0.00	71.50 2.75 0.00	59.18 2.11 0.00	51.87 2.09 0.00	45.45 1.79 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.89 -0.14 0.00	29.64 -0.24 0.00	27.40 -0.03 0.00	25.41 -0.15 0.00	24.89 -0.33 0.00	25.43 -0.28 0.00	25.12 -0.70 0.00	24.80 -1.44 0.00	24.47 -1.90 0.00	24.34 -2.03 0.00	26.51 -1.45 0.00	28.68 -1.23 0.00	29.61 -1.14 0.00	32.82 -1.19 0.00	35.81 -1.26 0.00	40.39 -1.55 0.00	49.40 -0.75 0.00	62.08 -1.14 0.00	72.34 -2.01 0.00	74.50 -2.23 0.00	66.13 -2.61 0.00	54.16 -2.91 0.00	47.94 -1.84 0.00	42.79 -0.87 0.00
PACKARD___115KV_DUPONT_184 80571	34.89 -0.14 0.00	29.64 -0.24 0.00	27.40 -0.03 0.00	25.41 -0.15 0.00	24.89 -0.33 0.00	25.43 -0.28 0.00	25.12 -0.70 0.00	24.80 -1.44 0.00	24.47 -1.90 0.00	24.34 -2.03 0.00	26.51 -1.45 0.00	28.68 -1.23 0.00	29.61 -1.14 0.00	32.82 -1.19 0.00	35.81 -1.26 0.00	40.39 -1.55 0.00	49.40 -0.75 0.00	62.08 -1.14 0.00	72.34 -2.01 0.00	74.50 -2.23 0.00	66.13 -2.61 0.00	54.16 -2.91 0.00	47.94 -1.84 0.00	42.79 -0.87 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.99 1.96 0.00	31.70 1.82 0.00	28.99 1.56 0.00	27.00 1.43 0.00	26.70 1.49 0.00	27.13 1.41 0.00	27.42 1.60 0.00	27.84 1.60 0.00	27.84 1.48 0.00	28.01 1.64 0.00	29.64 1.68 0.00	31.88 1.97 0.00	32.93 2.18 0.00	36.42 2.41 0.00	39.74 2.67 0.00	44.88 2.94 0.00	52.71 2.56 0.00	65.37 2.15 0.00	76.57 2.23 0.00	78.80 2.07 0.00	70.40 1.65 0.00	58.38 1.31 0.00	51.43 1.64 0.00	45.46 1.79 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	37.55 2.52 0.00	32.21 2.33 0.00	29.43 2.00 0.00	27.38 1.82 0.00	27.08 1.87 0.00	27.49 1.77 0.00	27.80 1.99 0.00	28.21 1.97 0.00	28.24 1.87 0.00	28.40 2.03 0.00	30.06 2.10 0.00	32.33 2.42 0.00	33.39 2.64 0.00	36.93 2.92 0.00	40.29 3.22 0.00	45.47 3.52 0.00	53.46 3.31 0.00	66.38 3.16 0.00	77.69 3.35 0.00	79.95 3.22 0.00	71.50 2.75 0.00	59.23 2.17 0.00	52.17 2.39 0.00	46.11 2.45 -0.01
PATROON___115KV_TB1 80586	35.69 0.67 0.00	30.65 0.78 0.00	28.30 0.88 0.00	26.36 0.79 0.00	26.02 0.81 0.00	26.54 0.82 0.00	26.72 0.90 0.00	27.05 0.81 0.00	26.79 0.42 0.00	26.74 0.37 0.00	28.30 0.34 0.00	30.26 0.36 0.00	31.21 0.46 0.00	34.45 0.44 0.00	37.62 0.56 0.00	42.41 0.46 0.00	50.70 0.55 0.00	64.04 0.82 0.00	75.31 0.97 0.00	77.72 1.00 0.00	69.57 0.82 0.00	57.81 0.74 0.00	50.43 0.65 0.00	44.10 0.44 0.00
PATTRSNVILLE___SOLAR 323815	36.39 1.36 0.00	31.13 1.25 0.00	28.60 1.18 0.00	26.64 1.07 0.00	26.27 1.06 0.00	26.79 1.08 0.00	26.90 1.08 0.00	27.08 0.84 0.00	26.81 0.45 0.00	26.66 0.29 0.00	28.16 0.20 0.00	30.11 0.21 0.00	31.02 0.28 0.00	34.31 0.31 0.00	37.48 0.41 0.00	42.45 0.51 0.00	50.90 0.75 0.00	64.61 1.39 0.00	76.72 2.38 0.00	79.57 2.84 0.00	71.50 2.75 0.00	59.29 2.22 0.00	51.67 1.89 0.00	45.19 1.53 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	34.64 -0.39 0.00	30.06 0.18 0.00	27.70 0.27 0.00	25.72 0.15 0.00	25.17 -0.05 0.00	25.77 0.05 0.00	25.45 -0.36 0.00	25.08 -1.15 0.00	24.89 -1.48 0.00	24.82 -1.56 0.00	26.98 -0.98 0.00	29.25 -0.66 0.00	30.22 -0.52 0.00	33.56 -0.44 0.00	36.59 -0.48 0.00	41.40 -0.55 0.00	50.60 0.45 0.00	63.66 0.44 0.00	74.42 0.07 0.00	76.73 0.00 0.00	68.13 -0.62 0.00	55.70 -1.37 0.00	49.19 -0.60 0.00	43.53 -0.13 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	36.64 1.61 0.00	31.46 1.58 0.00	28.77 1.34 0.00	26.79 1.23 0.00	26.53 1.31 0.00	27.00 1.29 0.00	27.26 1.45 0.00	27.63 1.39 0.00	27.55 1.19 0.00	27.56 1.19 0.00	29.19 1.23 0.00	31.37 1.47 0.00	32.38 1.63 0.00	35.81 1.80 0.00	39.14 2.08 0.00	44.25 2.31 0.00	52.56 2.41 0.00	66.12 2.91 0.00	77.76 3.42 0.00	80.10 3.38 0.00	71.50 2.75 0.00	59.18 2.11 0.00	51.58 1.79 0.00	45.19 1.53 0.00
PEEKSKILL___ 23653	36.46 1.44 0.00	31.31 1.43 0.00	28.66 1.24 0.00	26.66 1.10 0.00	26.35 1.14 0.00	26.82 1.10 0.00	27.08 1.26 0.00	27.52 1.29 0.00	27.47 1.11 0.00	27.51 1.13 0.00	29.19 1.23 0.00	31.37 1.46 0.00	32.34 1.60 0.00	35.74 1.73 0.00	38.96 1.89 0.00	44.00 2.05 0.00	52.21 2.06 0.00	65.30 2.08 0.00	76.27 1.93 0.00	78.26 1.53 0.00	70.19 1.45 0.00	58.21 1.14 0.00	50.88 1.09 0.00	44.67 1.00 0.00
PGE MADISON___WINDPWR 24146	37.58 2.56 0.00	32.15 2.27 0.00	29.56 2.14 0.00	27.53 1.97 0.00	27.16 1.94 0.00	27.77 2.06 0.00	27.70 1.88 0.00	27.68 1.44 0.00	27.34 0.98 0.00	27.16 0.79 0.00	28.66 0.70 0.00	30.80 0.90 0.00	31.85 1.11 0.00	35.50 1.49 0.00	38.77 1.71 0.00	44.34 2.39 0.00	53.66 3.51 0.00	67.71 4.49 0.00	81.48 7.14 0.00	84.94 8.21 0.00	75.83 7.08 0.00	62.72 5.65 0.00	54.27 4.48 0.00	47.24 3.58 0.00

PIERCEFIELD___HYD 23852	34.96 -0.07 0.00	29.52 -0.36 0.00	27.09 -0.33 0.00	25.39 -0.18 0.00	25.04 -0.18 0.00	25.53 -0.18 0.00	25.48 -0.34 0.00	26.08 -0.16 0.00	26.63 0.26 0.00	26.66 0.29 0.00	28.24 0.28 0.00	30.20 0.30 0.00	30.99 0.25 0.00	34.31 0.31 0.00	37.37 0.30 0.00	42.45 0.50 0.00	50.45 0.30 0.00	63.98 0.76 0.00	74.86 0.52 0.00	78.03 1.30 0.00	70.12 1.37 0.00	64.74 1.65 -6.01	60.26 1.44 -9.03	52.79 1.31 -7.81
PINELAWN_CC_1 323563	37.70 2.66 -0.01	32.15 2.27 0.00	29.42 2.00 0.00	27.18 1.61 0.00	26.83 1.62 0.00	27.23 1.52 0.00	27.36 1.55 0.00	27.94 1.70 0.00	27.76 1.40 0.00	28.19 1.82 0.00	30.09 2.12 -0.01	32.74 2.42 -0.42	35.98 2.58 -2.65	43.72 2.79 -6.93	44.60 3.04 -4.49	46.30 3.36 -0.99	52.47 2.31 -0.01	65.06 1.83 -0.01	75.53 1.19 0.00	76.80 0.08 0.00	68.88 0.14 0.00	57.52 0.45 0.00	49.63 -0.15 0.00	45.19 1.53 0.00
PJM_GEN_HTP_PROXY 323702	36.78 1.75 0.00	31.55 1.67 0.00	28.88 1.45 0.00	26.84 1.28 0.00	26.55 1.34 0.00	27.00 1.29 0.00	27.31 1.50 0.00	27.76 1.52 0.00	27.76 1.40 0.00	27.82 1.45 0.00	29.50 1.54 0.00	31.73 1.82 0.00	32.72 1.97 0.00	36.15 2.14 0.00	39.41 2.34 0.00	43.92 2.52 0.55	53.25 2.56 -0.55	65.75 2.53 0.00	76.65 2.31 0.00	78.56 1.84 0.00	70.46 1.72 0.00	58.38 1.31 0.00	51.17 1.39 0.00	44.93 1.27 0.00
PJM_GEN_KEystone 24065	34.00 0.31 1.34	30.48 0.60 0.00	28.00 0.58 0.00	26.00 0.43 0.00	25.59 0.38 0.00	26.10 0.39 0.00	26.15 0.33 0.00	26.24 0.00 0.00	26.18 -0.18 0.00	26.27 -0.11 0.00	27.96 0.00 0.00	30.14 0.24 0.00	31.08 0.34 0.00	34.38 0.37 0.00	37.48 0.41 0.00	41.82 0.42 0.55	51.45 0.75 -0.55	60.50 0.50 3.22	64.80 0.45 9.99	63.27 0.00 13.46	55.67 -0.21 12.87	50.00 -0.34 6.73	46.67 -0.20 2.91	41.43 -0.04 2.19
PJM_GEN_NEPTUNE_PROXY 323594	37.24 2.21 -0.01	31.79 1.91 0.00	29.10 1.67 0.00	26.89 1.33 0.00	26.55 1.34 0.00	26.97 1.26 0.00	27.16 1.34 0.00	27.71 1.47 0.00	27.55 1.19 0.00	27.93 1.56 0.00	29.73 1.76 -0.01	32.33 2.00 -0.42	35.55 2.15 -2.65	43.28 2.34 -6.93	44.08 2.52 -4.49	45.12 2.72 -0.45	52.91 2.20 -0.55	65.31 2.08 -0.01	75.83 1.49 0.00	77.19 0.46 0.00	69.16 0.41 0.00	57.52 0.45 0.00	49.78 0.00 0.00	44.71 1.05 0.00
PJM_GEN_VFT_PROXY 323633	28.67 1.58 7.93	31.40 1.52 0.00	28.74 1.32 0.00	26.72 1.15 0.00	26.45 1.24 0.00	26.90 1.18 0.00	27.23 1.42 0.00	27.68 1.44 0.00	27.71 1.34 0.00	27.77 1.40 0.00	29.42 1.45 0.00	31.64 1.73 0.00	32.65 1.91 0.00	36.08 2.07 0.00	39.33 2.26 0.00	43.70 2.31 0.55	53.00 2.31 -0.55	65.37 2.15 0.00	76.20 1.86 0.00	78.03 1.30 0.00	69.98 1.24 0.00	58.04 0.97 0.00	50.93 1.15 0.00	44.66 1.00 0.01
PLATSBRG_115KV_PMLD1 355749	34.57 -0.46 0.00	29.22 -0.66 0.00	26.85 -0.58 0.00	25.18 -0.38 0.00	24.84 -0.38 0.00	25.30 -0.41 0.00	25.27 -0.54 0.00	25.98 -0.26 0.00	26.47 0.11 0.00	26.56 0.18 0.00	28.16 0.20 0.00	30.11 0.21 0.00	30.87 0.12 0.00	34.18 0.17 0.00	37.22 0.15 0.00	42.24 0.29 0.00	49.60 -0.55 0.00	62.71 -0.51 0.00	73.53 -0.82 0.00	76.50 -0.23 0.00	68.61 -0.14 0.00	57.01 -0.06 0.00	49.73 -0.05 0.00	43.92 0.26 0.00
PLEASANTVLY___LBMP 24000	36.25 1.23 0.00	31.10 1.22 0.00	28.49 1.07 0.00	26.54 0.97 0.00	26.25 1.03 0.00	26.72 1.00 0.00	26.98 1.16 0.00	27.39 1.15 0.00	27.34 0.98 0.00	27.35 0.98 0.00	28.97 1.01 0.00	31.07 1.17 0.00	32.04 1.29 0.00	35.37 1.36 0.00	38.55 1.48 0.00	43.50 1.55 0.00	51.75 1.60 0.00	64.92 1.71 0.00	76.13 1.78 0.00	78.41 1.69 0.00	70.12 1.37 0.00	58.21 1.14 0.00	50.83 1.05 0.00	44.58 0.92 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	36.50 1.47 0.00	31.31 1.43 0.00	28.66 1.23 0.00	26.69 1.12 0.00	26.38 1.16 0.00	26.85 1.13 0.00	27.11 1.29 0.00	27.52 1.29 0.00	27.50 1.13 0.00	27.56 1.19 0.00	29.19 1.23 0.00	31.34 1.44 0.00	32.31 1.57 0.00	35.71 1.70 0.00	38.92 1.85 0.00	43.92 1.97 0.00	52.21 2.06 0.00	65.43 2.21 0.00	76.65 2.30 0.00	78.95 2.23 0.00	70.53 1.79 0.00	58.55 1.48 0.00	51.13 1.34 0.00	44.93 1.27 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.50 1.47 0.00	31.31 1.43 0.00	28.66 1.23 0.00	26.69 1.12 0.00	26.38 1.16 0.00	26.85 1.13 0.00	27.11 1.29 0.00	27.52 1.29 0.00	27.50 1.13 0.00	27.56 1.19 0.00	29.19 1.23 0.00	31.34 1.44 0.00	32.31 1.57 0.00	35.71 1.70 0.00	38.92 1.85 0.00	43.92 1.97 0.00	52.21 2.06 0.00	65.43 2.21 0.00	76.65 2.30 0.00	78.95 2.23 0.00	70.53 1.79 0.00	58.55 1.48 0.00	51.13 1.34 0.00	44.93 1.27 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	36.46 1.44 0.00	31.31 1.43 0.00	28.66 1.23 0.00	26.67 1.10 0.00	26.38 1.16 0.00	26.85 1.13 0.00	27.11 1.29 0.00	27.50 1.26 0.00	27.42 1.05 0.00	27.43 1.05 0.00	29.05 1.09 0.00	31.16 1.26 0.00	32.13 1.38 0.00	35.54 1.53 0.00	38.81 1.74 0.00	43.79 1.85 0.00	52.21 2.06 0.00	65.62 2.40 0.00	77.02 2.68 0.00	79.41 2.69 0.00	71.01 2.27 0.00	58.84 1.77 0.00	51.28 1.49 0.00	44.93 1.27 0.00
POLETTI____ 23519	36.74 1.72 0.00	31.52 1.64 0.00	28.82 1.40 0.00	26.84 1.28 0.00	26.55 1.34 0.00	27.00 1.29 0.00	27.31 1.50 0.00	27.76 1.52 0.00	27.79 1.42 0.00	27.88 1.50 0.00	29.47 1.51 0.00	31.70 1.79 0.00	32.71 1.97 0.00	36.15 2.14 0.00	39.40 2.34 0.00	44.46 2.52 0.00	52.66 2.51 0.00	65.62 2.40 0.00	76.80 2.45 0.00	79.03 2.30 0.00	70.60 1.86 0.00	58.49 1.43 0.00	51.28 1.49 0.00	44.97 1.31 0.00
POMONA___ESR 323819	36.46 1.44 0.00	31.31 1.43 0.00	28.66 1.24 0.00	26.66 1.10 0.00	26.35 1.14 0.00	26.79 1.08 0.00	27.08 1.26 0.00	27.50 1.26 0.00	27.45 1.08 0.00	27.48 1.11 0.00	29.19 1.23 0.00	31.37 1.46 0.00	32.34 1.60 0.00	35.74 1.73 0.00	39.00 1.93 0.00	44.04 2.10 0.00	52.26 2.11 0.00	65.24 2.02 0.00	76.27 1.93 0.00	78.26 1.53 0.00	70.19 1.45 0.00	58.21 1.14 0.00	50.88 1.09 0.00	44.67 1.00 0.00
PORT_JEFF_3 23555	37.73 2.70 -0.01	32.15 2.27 0.00	29.45 2.03 0.00	27.20 1.64 0.00	26.83 1.62 0.00	27.20 1.49 0.00	27.34 1.52 0.00	27.94 1.70 0.00	27.76 1.40 0.00	28.25 1.87 0.00	30.21 2.24 -0.01	32.86 2.54 -0.42	36.14 2.74 -2.65	43.89 2.96 -6.93	44.78 3.22 -4.49	46.55 3.61 -0.99	53.07 2.91 -0.01	66.13 2.91 -0.01	76.50 2.16 0.00	77.72 0.99 0.00	69.57 0.83 0.00	58.04 0.97 0.00	49.88 0.10 0.00	45.15 1.49 0.00
PORT_JEFF_4 23616	37.73 2.70 -0.01	32.15 2.27 0.00	29.45 2.03 0.00	27.20 1.64 0.00	26.83 1.62 0.00	27.20 1.49 0.00	27.34 1.52 0.00	27.94 1.70 0.00	27.76 1.40 0.00	28.25 1.87 0.00	30.21 2.24 -0.01	32.86 2.54 -0.42	36.14 2.74 -2.65	43.89 2.96 -6.93	44.78 3.22 -4.49	46.55 3.61 -0.99	53.07 2.91 -0.01	66.13 2.91 -0.01	76.50 2.16 0.00	77.72 0.99 0.00	69.57 0.83 0.00	58.04 0.97 0.00	49.88 0.10 0.00	45.15 1.49 0.00

PORT_JEFF_IC 23713	37.76 2.73 0.00	32.15 2.27 0.00	29.37 1.95 0.00	27.20 1.64 0.00	26.83 1.61 0.00	27.23 1.52 0.00	27.36 1.55 0.00	27.94 1.71 0.00	27.79 1.42 0.00	28.30 1.93 0.00	30.23 2.26 0.00	32.89 2.57 -0.42	36.20 2.80 -2.65	43.96 3.03 -6.93	44.86 3.30 -4.49	46.63 3.69 -0.99	54.16 4.01 0.00	67.26 4.05 0.00	78.43 4.09 0.00	80.26 3.53 0.00	71.36 2.61 0.00	59.69 2.63 0.00	51.33 1.54 0.00	45.71 2.05 0.00
PPL PILGRIM_ST_GT1 24216	37.94 2.91 -0.01	32.33 2.45 0.00	29.62 2.19 0.00	27.33 1.76 0.00	26.98 1.76 0.00	27.36 1.65 0.00	27.49 1.68 0.00	28.10 1.86 0.00	27.89 1.53 0.00	28.38 2.00 0.00	30.32 2.35 -0.01	32.98 2.66 -0.42	36.26 2.86 -2.65	44.03 3.09 -6.93	44.93 3.37 -4.49	46.72 3.78 -0.99	53.17 3.01 -0.01	66.13 2.91 -0.01	76.72 2.38 0.00	77.95 1.22 0.00	69.84 1.10 0.00	58.32 1.25 0.00	50.18 0.40 0.00	45.45 1.79 0.00
PPL PILGRIM_ST_GT2 24217	37.94 2.91 -0.01	32.33 2.45 0.00	29.62 2.19 0.00	27.33 1.76 0.00	26.98 1.76 0.00	27.36 1.65 0.00	27.49 1.68 0.00	28.10 1.86 0.00	27.89 1.53 0.00	28.38 2.00 0.00	30.32 2.35 -0.01	32.98 2.66 -0.42	36.26 2.86 -2.65	44.03 3.09 -6.93	44.93 3.37 -4.49	46.72 3.78 -0.99	53.17 3.01 -0.01	66.13 2.91 -0.01	76.72 2.38 0.00	77.95 1.22 0.00	69.84 1.10 0.00	58.32 1.25 0.00	50.18 0.40 0.00	45.45 1.79 0.00
PPL_SHRM_GT3 24213	37.42 2.38 -0.01	31.85 1.97 0.00	29.20 1.78 0.00	26.92 1.35 0.00	26.55 1.34 0.00	26.95 1.23 0.00	27.05 1.24 0.00	27.65 1.42 0.00	27.47 1.11 0.00	28.01 1.64 0.00	29.96 1.99 -0.01	32.59 2.27 -0.42	35.89 2.49 -2.65	43.66 2.72 -6.93	44.56 3.00 -4.49	46.38 3.44 -0.99	52.86 2.71 -0.01	66.00 2.78 -0.01	76.50 2.16 0.00	77.65 0.92 0.00	69.43 0.69 0.00	57.69 0.63 0.00	49.49 -0.30 0.00	44.79 1.13 0.00
PPL_SHRM_GT4 24214	37.42 2.38 -0.01	31.85 1.97 0.00	29.20 1.78 0.00	26.92 1.35 0.00	26.55 1.34 0.00	26.95 1.23 0.00	27.05 1.24 0.00	27.65 1.42 0.00	27.47 1.11 0.00	28.01 1.64 0.00	29.96 1.99 -0.01	32.59 2.27 -0.42	35.89 2.49 -2.65	43.66 2.72 -6.93	44.56 3.00 -4.49	46.38 3.44 -0.99	52.86 2.71 -0.01	66.00 2.78 -0.01	76.50 2.16 0.00	77.65 0.92 0.00	69.43 0.69 0.00	57.69 0.63 0.00	49.49 -0.30 0.00	44.79 1.13 0.00
PROJECT___ORANGE 1 24174	34.92 -0.11 0.00	29.85 -0.03 0.00	27.48 0.05 0.00	25.62 0.05 0.00	25.19 -0.03 0.00	25.74 0.03 0.00	25.76 -0.05 0.00	26.00 -0.24 0.00	25.99 -0.37 0.00	26.00 -0.37 0.00	27.65 -0.31 0.00	29.57 -0.33 0.00	30.38 -0.37 0.00	33.63 -0.37 0.00	36.62 -0.44 0.00	41.48 -0.46 0.00	49.85 -0.30 0.00	62.84 -0.38 0.00	74.12 -0.22 0.00	76.65 -0.08 0.00	68.47 -0.27 0.00	56.61 -0.46 0.00	49.38 -0.40 0.00	43.27 -0.39 0.00
PROJECT___ORANGE 2 24166	34.92 -0.11 0.00	29.85 -0.03 0.00	27.48 0.05 0.00	25.62 0.05 0.00	25.19 -0.03 0.00	25.74 0.03 0.00	25.76 -0.05 0.00	26.00 -0.24 0.00	25.99 -0.37 0.00	26.00 -0.37 0.00	27.65 -0.31 0.00	29.57 -0.33 0.00	30.38 -0.37 0.00	33.63 -0.37 0.00	36.62 -0.44 0.00	41.48 -0.46 0.00	49.85 -0.30 0.00	62.84 -0.38 0.00	74.12 -0.22 0.00	76.65 -0.08 0.00	68.47 -0.27 0.00	56.61 -0.46 0.00	49.38 -0.40 0.00	43.27 -0.39 0.00
PUCKETT___SOLAR 323809	35.80 0.77 0.00	30.65 0.78 0.00	28.19 0.77 0.00	26.26 0.69 0.00	25.82 0.60 0.00	26.38 0.67 0.00	26.38 0.57 0.00	26.47 0.24 0.00	26.31 -0.05 0.00	26.24 -0.13 0.00	27.82 -0.14 0.00	29.84 -0.06 0.00	30.78 0.03 0.00	34.14 0.14 0.00	37.26 0.19 0.00	42.32 0.38 0.00	51.05 0.90 0.00	64.48 1.26 0.00	76.57 2.23 0.00	79.34 2.61 0.00	70.88 2.13 0.00	58.61 1.54 0.00	50.98 1.19 0.00	44.62 0.96 0.00
PYRITES___HYD 24023	35.41 0.39 0.00	29.91 0.03 0.00	27.45 0.03 0.00	25.72 0.15 0.00	25.39 0.18 0.00	25.89 0.18 0.00	25.79 -0.03 0.00	26.34 0.10 0.00	26.84 0.47 0.00	26.82 0.45 0.00	28.35 0.39 0.00	30.35 0.45 0.00	31.11 0.37 0.00	34.48 0.48 0.00	37.51 0.44 0.00	42.70 0.76 0.00	50.80 0.65 0.00	64.54 1.33 0.00	75.76 1.41 0.00	79.33 2.61 0.00	71.36 2.61 0.00	66.25 2.80 -6.39	61.77 2.39 -9.59	54.01 2.05 -8.30
QUAKERRD_115KV_BK1 80622	34.54 -0.49 0.00	29.58 -0.30 0.00	27.23 -0.19 0.00	25.28 -0.28 0.00	24.89 -0.33 0.00	25.41 -0.31 0.00	25.35 -0.46 0.00	25.37 -0.87 0.00	25.28 -1.08 0.00	25.29 -1.08 0.00	27.15 -0.81 0.00	29.16 -0.75 0.00	30.01 -0.74 0.00	33.33 -0.68 0.00	36.40 -0.67 0.00	41.23 -0.71 0.00	49.85 -0.30 0.00	62.90 -0.32 0.00	73.97 -0.37 0.00	76.42 -0.31 0.00	68.06 -0.69 0.00	56.04 -1.03 0.00	48.99 -0.80 0.00	43.18 -0.48 0.00
QUENSBRY_115KV_TB8 356137	36.57 1.54 0.00	31.25 1.37 0.00	28.71 1.29 0.00	26.72 1.15 0.00	26.35 1.13 0.00	26.92 1.21 0.00	27.08 1.26 0.00	27.26 1.02 0.00	27.02 0.66 0.00	26.93 0.55 0.00	28.24 0.28 0.00	30.17 0.27 0.00	31.15 0.40 0.00	34.45 0.44 0.00	37.66 0.59 0.00	42.70 0.76 0.00	51.25 1.10 0.00	65.30 2.09 0.00	77.91 3.57 0.00	80.79 4.07 0.00	72.39 3.64 0.00	59.98 2.91 0.00	52.22 2.44 0.00	45.45 1.79 0.00
RAMAPO___LBMP 323565	36.29 1.26 0.00	31.19 1.31 0.00	28.49 1.07 0.00	26.56 1.00 0.00	26.25 1.03 0.00	26.69 0.98 0.00	26.98 1.16 0.00	27.39 1.15 0.00	27.37 1.00 0.00	27.43 1.05 0.00	29.05 1.09 0.00	31.22 1.32 0.00	32.19 1.45 0.00	35.57 1.56 0.00	38.77 1.71 0.00	43.79 1.85 0.00	51.91 1.76 0.00	64.99 1.77 0.00	76.20 1.86 0.00	78.49 1.76 0.00	70.12 1.37 0.00	58.15 1.08 0.00	50.78 1.00 0.00	44.58 0.92 0.00
RANKINE____ 23646	35.10 0.07 0.00	30.36 0.48 0.00	28.03 0.60 0.00	26.00 0.43 0.00	25.44 0.23 0.00	26.05 0.33 0.00	25.74 -0.08 0.00	25.29 -0.94 0.00	25.10 -1.27 0.00	25.00 -1.37 0.00	27.21 -0.75 0.00	29.46 -0.45 0.00	30.44 -0.31 0.00	33.77 -0.24 0.00	36.85 -0.22 0.00	41.65 -0.29 0.00	50.90 0.75 0.00	64.04 0.82 0.00	74.79 0.45 0.00	77.11 0.38 0.00	68.47 -0.27 0.00	56.04 -1.03 0.00	49.53 -0.25 0.00	43.97 0.31 0.00
RAVENSWOOD_GT2_1 24244	36.78 1.75 0.00	31.58 1.70 0.00	28.85 1.43 0.00	26.87 1.30 0.00	26.58 1.36 0.00	27.03 1.31 0.00	27.34 1.52 0.00	27.79 1.55 0.00	27.81 1.45 0.00	27.90 1.53 0.00	29.53 1.57 0.00	31.76 1.85 0.00	32.74 2.00 0.00	36.18 2.18 0.00	39.44 2.37 0.00	44.50 2.56 0.00	52.71 2.56 0.00	65.75 2.53 0.00	76.95 2.60 0.00	79.18 2.46 0.00	70.74 1.99 0.00	58.61 1.54 0.00	51.38 1.59 0.00	45.06 1.40 0.00
RAVENSWOOD_GT2_2 24245	36.78 1.75 0.00	31.58 1.70 0.00	28.85 1.43 0.00	26.87 1.30 0.00	26.58 1.36 0.00	27.03 1.31 0.00	27.34 1.52 0.00	27.79 1.55 0.00	27.81 1.45 0.00	27.90 1.53 0.00	29.53 1.57 0.00	31.76 1.85 0.00	32.74 2.00 0.00	36.18 2.18 0.00	39.44 2.37 0.00	44.50 2.56 0.00	52.71 2.56 0.00	65.75 2.53 0.00	76.95 2.60 0.00	79.18 2.46 0.00	70.74 1.99 0.00	58.61 1.54 0.00	51.38 1.59 0.00	45.06 1.40 0.00

RAVENSWOOD_GT2_3 24246	36.81 1.79 0.00	31.58 1.70 0.00	28.88 1.45 0.00	26.87 1.30 0.00	26.58 1.36 0.00	27.03 1.31 0.00	27.34 1.52 0.00	27.79 1.55 0.00	27.81 1.45 0.00	27.90 1.53 0.00	29.53 1.57 0.00	31.76 1.85 0.00	32.78 2.03 0.00	36.22 2.21 0.00	39.48 2.41 0.00	44.55 2.60 0.00	52.76 2.61 0.00	65.81 2.59 0.00	77.02 2.68 0.00	79.26 2.53 0.00	70.81 2.06 0.00	58.66 1.60 0.00	51.38 1.59 0.00	45.06 1.40 0.00
RAVENSWOOD_GT2_4 24247	36.81 1.79 0.00	31.58 1.70 0.00	28.88 1.45 0.00	26.87 1.30 0.00	26.58 1.36 0.00	27.03 1.31 0.00	27.34 1.52 0.00	27.79 1.55 0.00	27.81 1.45 0.00	27.90 1.53 0.00	29.53 1.57 0.00	31.76 1.85 0.00	32.78 2.03 0.00	36.22 2.21 0.00	39.48 2.41 0.00	44.55 2.60 0.00	52.76 2.61 0.00	65.81 2.59 0.00	77.02 2.68 0.00	79.26 2.53 0.00	70.81 2.06 0.00	58.66 1.60 0.00	51.38 1.59 0.00	45.06 1.40 0.00
RAVENSWOOD_GT3_1 24248	36.81 1.79 0.00	31.58 1.70 0.00	28.85 1.43 0.00	26.87 1.30 0.00	26.58 1.36 0.00	27.03 1.31 0.00	27.34 1.52 0.00	27.79 1.55 0.00	27.81 1.45 0.00	27.90 1.53 0.00	29.53 1.57 0.00	31.76 1.85 0.00	32.74 2.00 0.00	36.18 2.18 0.00	39.44 2.37 0.00	44.50 2.56 0.00	52.76 2.61 0.00	65.75 2.53 0.00	76.95 2.60 0.00	79.18 2.46 0.00	70.74 1.99 0.00	58.66 1.60 0.00	51.38 1.59 0.00	45.06 1.40 0.00
RAVENSWOOD_GT3_2 24249	36.81 1.79 0.00	31.58 1.70 0.00	28.85 1.43 0.00	26.87 1.30 0.00	26.58 1.36 0.00	27.03 1.31 0.00	27.34 1.52 0.00	27.79 1.55 0.00	27.81 1.45 0.00	27.90 1.53 0.00	29.53 1.57 0.00	31.76 1.85 0.00	32.74 2.00 0.00	36.18 2.18 0.00	39.44 2.37 0.00	44.50 2.56 0.00	52.76 2.61 0.00	65.75 2.53 0.00	76.95 2.60 0.00	79.18 2.46 0.00	70.74 1.99 0.00	58.66 1.60 0.00	51.38 1.59 0.00	45.06 1.40 0.00
RAVENSWOOD_GT3_3 24250	36.85 1.82 0.00	31.61 1.73 0.00	28.88 1.45 0.00	26.90 1.33 0.00	26.60 1.39 0.00	27.05 1.34 0.00	27.36 1.55 0.00	27.81 1.57 0.00	27.84 1.48 0.00	27.93 1.56 0.00	29.56 1.59 0.00	31.79 1.88 0.00	32.81 2.06 0.00	36.25 2.24 0.00	39.52 2.45 0.00	44.59 2.64 0.00	52.81 2.66 0.00	65.87 2.66 0.00	77.09 2.75 0.00	79.33 2.61 0.00	70.88 2.13 0.00	58.72 1.65 0.00	51.43 1.64 0.00	45.15 1.48 0.00
RAVENSWOOD_GT3_4 24251	36.85 1.82 0.00	31.61 1.73 0.00	28.88 1.45 0.00	26.90 1.33 0.00	26.60 1.39 0.00	27.05 1.34 0.00	27.36 1.55 0.00	27.81 1.57 0.00	27.84 1.48 0.00	27.93 1.56 0.00	29.56 1.59 0.00	31.79 1.88 0.00	32.81 2.06 0.00	36.25 2.24 0.00	39.52 2.45 0.00	44.59 2.64 0.00	52.81 2.66 0.00	65.87 2.66 0.00	77.09 2.75 0.00	79.33 2.61 0.00	70.88 2.13 0.00	58.72 1.65 0.00	51.43 1.64 0.00	45.15 1.48 0.00
RAVENSWOOD_GT_1 23729	36.99 1.96 0.00	31.73 1.85 0.00	29.01 1.59 0.00	27.00 1.43 0.00	26.70 1.49 0.00	27.13 1.41 0.00	27.44 1.63 0.00	27.87 1.63 0.00	27.89 1.53 0.00	28.03 1.66 0.00	29.67 1.71 0.00	31.91 2.00 0.00	32.93 2.18 0.00	36.39 2.38 0.00	39.63 2.56 0.00	44.71 2.77 0.00	52.66 2.51 0.00	65.43 2.21 0.00	76.57 2.23 0.00	78.80 2.07 0.00	70.40 1.65 0.00	58.32 1.26 0.00	51.33 1.54 0.00	45.32 1.66 0.00
RAVENSWOOD_GT_10 24258	36.78 1.75 0.00	31.58 1.70 0.00	28.85 1.43 0.00	26.87 1.30 0.00	26.58 1.36 0.00	27.03 1.31 0.00	27.34 1.52 0.00	27.79 1.55 0.00	27.81 1.45 0.00	27.90 1.53 0.00	29.53 1.57 0.00	31.76 1.85 0.00	32.74 2.00 0.00	36.18 2.18 0.00	39.44 2.37 0.00	44.50 2.56 0.00	52.76 2.61 0.00	65.75 2.53 0.00	77.02 2.68 0.00	79.26 2.53 0.00	70.81 2.06 0.00	58.66 1.60 0.00	51.38 1.59 0.00	45.06 1.40 0.00
RAVENSWOOD_GT_11 24259	36.78 1.75 0.00	31.58 1.70 0.00	28.85 1.43 0.00	26.87 1.30 0.00	26.58 1.36 0.00	27.03 1.31 0.00	27.34 1.52 0.00	27.79 1.55 0.00	27.81 1.45 0.00	27.90 1.53 0.00	29.53 1.57 0.00	31.76 1.85 0.00	32.74 2.00 0.00	36.18 2.18 0.00	39.44 2.37 0.00	44.50 2.56 0.00	52.76 2.61 0.00	65.75 2.53 0.00	77.02 2.68 0.00	79.26 2.53 0.00	70.81 2.06 0.00	58.66 1.60 0.00	51.38 1.59 0.00	45.06 1.40 0.00
RAVENSWOOD_GT_4 24252	36.81 1.79 0.00	31.58 1.70 0.00	28.85 1.43 0.00	26.87 1.30 0.00	26.58 1.36 0.00	27.03 1.31 0.00	27.34 1.52 0.00	27.79 1.55 0.00	27.81 1.45 0.00	27.90 1.53 0.00	29.53 1.57 0.00	31.76 1.85 0.00	32.74 2.00 0.00	36.22 2.21 0.00	39.44 2.37 0.00	44.50 2.56 0.00	52.76 2.61 0.00	65.75 2.53 0.00	76.95 2.60 0.00	79.18 2.46 0.00	70.74 1.99 0.00	58.66 1.60 0.00	51.38 1.59 0.00	45.06 1.40 0.00
RAVENSWOOD_GT_5 24254	36.81 1.79 0.00	31.58 1.70 0.00	28.85 1.43 0.00	26.87 1.30 0.00	26.58 1.36 0.00	27.03 1.31 0.00	27.34 1.52 0.00	27.79 1.55 0.00	27.81 1.45 0.00	27.90 1.53 0.00	29.53 1.57 0.00	31.76 1.85 0.00	32.74 2.00 0.00	36.22 2.21 0.00	39.44 2.37 0.00	44.50 2.56 0.00	52.76 2.61 0.00	65.75 2.53 0.00	76.95 2.60 0.00	79.18 2.46 0.00	70.74 1.99 0.00	58.66 1.60 0.00	51.38 1.59 0.00	45.06 1.40 0.00
RAVENSWOOD_GT_6 24253	36.81 1.79 0.00	31.58 1.70 0.00	28.85 1.43 0.00	26.87 1.30 0.00	26.58 1.36 0.00	27.03 1.31 0.00	27.34 1.52 0.00	27.79 1.55 0.00	27.81 1.45 0.00	27.90 1.53 0.00	29.53 1.57 0.00	31.76 1.85 0.00	32.74 2.00 0.00	36.22 2.21 0.00	39.44 2.37 0.00	44.50 2.56 0.00	52.76 2.61 0.00	65.75 2.53 0.00	76.95 2.60 0.00	79.18 2.46 0.00	70.74 1.99 0.00	58.66 1.60 0.00	51.38 1.59 0.00	45.06 1.40 0.00
RAVENSWOOD_GT_7 24255	36.81 1.79 0.00	31.58 1.70 0.00	28.85 1.43 0.00	26.87 1.30 0.00	26.58 1.36 0.00	27.03 1.31 0.00	27.34 1.52 0.00	27.79 1.55 0.00	27.81 1.45 0.00	27.90 1.53 0.00	29.53 1.57 0.00	31.76 1.85 0.00	32.74 2.00 0.00	36.22 2.21 0.00	39.44 2.37 0.00	44.50 2.56 0.00	52.76 2.61 0.00	65.75 2.53 0.00	76.95 2.60 0.00	79.18 2.46 0.00	70.74 1.99 0.00	58.66 1.60 0.00	51.38 1.59 0.00	45.06 1.40 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.78 1.75 0.00	31.58 1.70 0.00	28.85 1.43 0.00	26.87 1.30 0.00	26.58 1.36 0.00	27.03 1.31 0.00	27.34 1.52 0.00	27.79 1.55 0.00	27.81 1.45 0.00	27.90 1.53 0.00	29.53 1.57 0.00	31.76 1.85 0.00	32.74 2.00 0.00	36.18 2.18 0.00	39.44 2.37 0.00	44.50 2.56 0.00	52.76 2.61 0.00	65.75 2.53 0.00	77.02 2.68 0.00	79.26 2.53 0.00	70.81 2.06 0.00	58.66 1.60 0.00	51.38 1.59 0.00	45.06 1.40 0.00
RAVENSWOOD_GT_9 24257	36.78 1.75 0.00	31.58 1.70 0.00	28.85 1.43 0.00	26.87 1.30 0.00	26.58 1.36 0.00	27.03 1.31 0.00	27.34 1.52 0.00	27.79 1.55 0.00	27.81 1.45 0.00	27.90 1.53 0.00	29.53 1.57 0.00	31.76 1.85 0.00	32.74 2.00 0.00	36.18 2.18 0.00	39.44 2.37 0.00	44.50 2.56 0.00	52.76 2.61 0.00	65.75 2.53 0.00	77.02 2.68 0.00	79.26 2.53 0.00	70.81 2.06 0.00	58.66 1.60 0.00	51.38 1.59 0.00	45.06 1.40 0.00

RAVENSWOOD___1 23533	37.00 1.96 -0.01	31.77 1.88 -0.01	29.08 1.65 -0.01	27.00 1.43 -0.01	26.71 1.49 -0.01	27.13 1.41 0.00	27.44 1.63 0.00	27.87 1.63 0.00	27.87 1.50 0.00	27.99 1.61 -0.01	29.68 1.71 -0.01	31.92 2.00 -0.01	32.91 2.15 -0.01	36.39 2.38 -0.01	39.63 2.56 -0.01	44.68 2.72 -0.01	52.66 2.51 0.00	65.42 2.21 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.14 1.08 0.01	51.33 1.54 0.00	45.19 1.53 0.00
RAVENSWOOD___2 23534	37.00 1.96 -0.01	31.77 1.88 -0.01	29.08 1.65 -0.01	27.00 1.43 -0.01	26.71 1.49 -0.01	27.13 1.41 0.00	27.44 1.63 0.00	27.87 1.63 0.00	27.87 1.50 0.00	27.99 1.61 -0.01	29.68 1.71 -0.01	31.92 2.00 -0.01	32.91 2.15 -0.01	36.39 2.38 -0.01	39.63 2.56 -0.01	44.68 2.72 -0.01	52.66 2.51 0.00	65.42 2.21 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.14 1.08 0.01	51.33 1.54 0.00	45.19 1.53 0.00
RAVENSWOOD___3 23535	36.81 1.79 0.00	31.58 1.70 0.00	28.90 1.48 0.00	26.87 1.30 0.00	26.58 1.36 0.00	27.02 1.31 0.00	27.34 1.52 0.00	27.79 1.55 0.00	27.79 1.42 0.00	27.85 1.48 0.00	29.53 1.56 0.00	31.76 1.85 0.00	32.74 2.00 0.00	36.22 2.21 0.00	39.44 2.37 0.00	44.46 2.52 0.00	52.71 2.56 0.00	65.75 2.53 0.00	76.65 2.31 0.00	78.56 1.84 0.00	70.46 1.72 0.00	58.43 1.37 0.00	51.23 1.44 0.00	44.97 1.31 0.00
RAVENSWOOD___4 23820	37.00 1.96 -0.01	31.77 1.88 -0.01	29.08 1.65 -0.01	27.00 1.43 -0.01	26.71 1.49 -0.01	27.13 1.41 0.00	27.44 1.63 0.00	27.87 1.63 0.00	27.87 1.50 0.00	27.99 1.61 -0.01	29.68 1.71 -0.01	31.92 2.00 -0.01	32.91 2.15 -0.01	36.39 2.38 -0.01	39.63 2.56 -0.01	44.68 2.72 -0.01	52.66 2.51 0.00	65.42 2.21 0.01	76.27 1.93 0.01	78.17 1.45 0.01	70.11 1.37 0.01	58.14 1.08 0.01	51.33 1.54 0.00	45.19 1.53 0.00
RCPL_TRUST___DRP 24196	36.81 1.79 0.00	31.61 1.73 0.00	28.88 1.45 0.00	26.87 1.30 0.00	26.60 1.39 0.00	27.05 1.34 0.00	27.36 1.55 0.00	27.81 1.57 0.00	27.84 1.48 0.00	27.93 1.56 0.00	29.56 1.59 0.00	31.79 1.88 0.00	32.78 2.03 0.00	36.25 2.24 0.00	39.48 2.41 0.00	44.55 2.60 0.00	52.81 2.66 0.00	65.87 2.66 0.00	77.09 2.75 0.00	79.33 2.61 0.00	70.88 2.13 0.00	58.72 1.65 0.00	51.43 1.64 0.00	45.10 1.44 0.00
RED___ROCHESTER 323720	35.55 0.53 0.00	30.48 0.60 0.00	28.08 0.66 0.00	26.03 0.46 0.00	25.62 0.40 0.00	26.15 0.44 0.00	26.05 0.23 0.00	26.00 -0.24 0.00	25.94 -0.42 0.00	26.06 -0.32 0.00	27.88 -0.08 0.00	30.02 0.12 0.00	30.90 0.15 0.00	34.35 0.34 0.00	37.55 0.48 0.00	42.58 0.63 0.00	51.65 1.50 0.00	65.18 1.96 0.00	76.87 2.53 0.00	79.11 2.38 0.00	70.39 1.65 0.00	58.21 1.14 0.00	50.63 0.85 0.00	44.62 0.96 0.00
REGAN___SOLAR 323812	37.72 2.70 0.00	32.24 2.36 0.00	29.62 2.19 0.00	27.56 2.00 0.00	27.18 1.97 0.00	27.74 2.03 0.00	27.80 1.99 0.00	27.63 1.39 0.00	27.08 0.71 0.00	26.66 0.29 0.00	27.99 0.03 0.00	29.81 -0.09 0.00	30.75 0.00 0.00	34.11 0.10 0.00	37.40 0.33 0.00	42.61 0.67 0.00	51.55 1.40 0.00	66.25 3.03 0.00	79.77 5.42 0.00	83.55 6.83 0.00	75.07 6.32 0.00	62.09 5.02 0.00	54.01 4.23 0.00	47.11 3.45 0.00
RENSSELAER___COGEN 23796	35.52 0.49 0.00	30.51 0.63 0.00	28.00 0.58 0.00	26.23 0.66 0.00	25.92 0.71 0.00	26.41 0.69 0.00	26.59 0.77 0.00	26.97 0.73 0.00	26.68 0.32 0.00	26.61 0.24 0.00	28.21 0.25 0.00	30.14 0.24 0.00	31.05 0.31 0.00	34.28 0.27 0.00	37.40 0.33 0.00	42.16 0.21 0.00	50.40 0.25 0.00	63.66 0.45 0.00	74.72 0.37 0.00	76.88 0.15 0.00	69.09 0.35 0.00	57.35 0.29 0.00	50.03 0.25 0.00	43.75 0.09 0.00
REPUBLIC_115KV_BARTNBRK 55605	37.90 2.87 0.00	32.36 2.48 0.00	29.73 2.30 0.00	27.66 2.10 0.00	27.23 2.02 0.00	27.87 2.16 0.00	28.01 2.19 0.00	28.05 1.81 0.00	27.66 1.29 0.00	27.56 1.19 0.00	28.94 0.98 0.00	30.86 0.96 0.00	31.94 1.20 0.00	35.37 1.36 0.00	38.81 1.74 0.00	44.08 2.14 0.00	53.11 2.96 0.00	68.02 4.80 0.00	81.55 7.21 0.00	84.94 8.21 0.00	76.03 7.29 0.00	62.89 5.82 0.00	54.66 4.88 0.00	47.46 3.80 0.00
REVERE_CPPR_DRP 24186	36.15 1.12 0.00	30.83 0.96 0.00	28.30 0.88 0.00	26.38 0.82 0.00	26.05 0.83 0.00	26.56 0.85 0.00	26.59 0.77 0.00	26.82 0.58 0.00	26.73 0.37 0.00	26.66 0.29 0.00	28.21 0.25 0.00	30.23 0.33 0.00	31.18 0.43 0.00	34.58 0.58 0.00	37.70 0.63 0.00	42.87 0.92 0.00	51.50 1.35 0.00	64.92 1.71 0.00	77.24 2.90 0.00	80.33 3.61 0.00	71.84 3.09 0.00	60.08 2.51 -0.50	52.48 1.94 -0.76	45.89 1.57 -0.65
REYNLDPA_13_KV_LD 356490	34.68 -0.35 0.00	29.34 -0.54 0.00	26.93 -0.49 0.00	25.21 -0.36 0.00	24.86 -0.35 0.00	25.33 -0.39 0.00	25.35 -0.46 0.00	25.98 -0.26 0.00	26.42 0.05 0.00	26.48 0.11 0.00	28.07 0.11 0.00	30.02 0.12 0.00	30.78 0.03 0.00	34.07 0.07 0.00	37.11 0.04 0.00	42.11 0.17 0.00	50.00 -0.15 0.00	63.28 0.06 0.00	74.05 -0.30 0.00	76.80 0.08 0.00	68.95 0.21 0.00	56.54 0.46 0.98	48.76 0.45 1.47	42.91 0.52 1.27
REYNOLDS_115KV_TB3 80639	35.80 0.77 0.00	30.74 0.87 0.00	28.33 0.90 0.00	26.38 0.82 0.00	26.07 0.86 0.00	26.56 0.85 0.00	26.74 0.93 0.00	27.13 0.89 0.00	26.92 0.55 0.00	26.87 0.50 0.00	28.44 0.48 0.00	30.38 0.48 0.00	31.30 0.55 0.00	34.52 0.51 0.00	37.66 0.59 0.00	42.45 0.50 0.00	50.75 0.60 0.00	64.16 0.95 0.00	75.38 1.04 0.00	77.80 1.07 0.00	69.57 0.82 0.00	57.87 0.80 0.00	50.48 0.70 0.00	44.14 0.48 0.00
RIVERBAY____ 323610	37.55 2.52 0.00	32.21 2.33 0.00	29.43 2.00 0.00	27.38 1.82 0.00	27.08 1.87 0.00	27.49 1.77 0.00	27.80 1.99 0.00	28.21 1.97 0.00	28.24 1.87 0.00	28.40 2.03 0.00	30.06 2.10 0.00	32.33 2.42 0.00	33.39 2.64 0.00	36.93 2.92 0.00	40.29 3.22 0.00	45.47 3.52 0.00	53.46 3.31 0.00	66.38 3.16 0.00	77.69 3.35 0.00	79.95 3.22 0.00	71.50 2.75 0.00	59.23 2.17 0.00	52.17 2.39 0.00	46.11 2.45 -0.01
RIVERSDE_115KV_TB3 55908	35.69 0.67 0.00	30.65 0.78 0.00	28.27 0.85 0.00	26.33 0.77 0.00	26.02 0.81 0.00	26.51 0.80 0.00	26.69 0.88 0.00	27.08 0.84 0.00	26.81 0.45 0.00	26.77 0.40 0.00	28.33 0.36 0.00	30.29 0.39 0.00	31.21 0.46 0.00	34.41 0.41 0.00	37.59 0.52 0.00	42.32 0.38 0.00	50.65 0.50 0.00	63.98 0.76 0.00	75.16 0.82 0.00	77.57 0.84 0.00	69.43 0.69 0.00	57.69 0.63 0.00	50.33 0.55 0.00	44.01 0.35 0.00
ROARING___BROOK_WT_PWR 323790	34.50 -0.52 0.00	29.37 -0.51 0.00	26.93 -0.49 0.00	25.13 -0.43 0.00	24.81 -0.40 0.00	25.30 -0.41 0.00	25.43 -0.39 0.00	25.93 -0.31 0.00	26.18 -0.18 0.00	26.22 -0.16 0.00	27.77 -0.19 0.00	29.70 -0.21 0.00	30.50 -0.25 0.00	33.70 -0.31 0.00	36.73 -0.33 0.00	41.61 -0.34 0.00	49.65 -0.50 0.00	62.71 -0.51 0.00	73.67 -0.67 0.00	76.19 -0.53 0.00	68.13 -0.62 0.00	56.33 -0.51 0.22	48.91 -0.55 0.33	42.94 -0.44 0.28

ROCHESRG_115KV_T4 355643	35.17 0.14 0.00	30.15 0.27 0.00	27.78 0.36 0.00	25.80 0.23 0.00	25.39 0.18 0.00	25.92 0.21 0.00	25.82 0.00 0.00	25.77 -0.47 0.00	25.65 -0.71 0.00	25.63 -0.74 0.00	27.57 -0.39 0.00	29.63 -0.27 0.00	30.53 -0.22 0.00	33.87 -0.14 0.00	37.03 -0.04 0.00	41.90 -0.04 0.00	50.75 0.60 0.00	64.04 0.82 0.00	75.24 0.89 0.00	77.65 0.92 0.00	69.16 0.41 0.00	56.95 -0.11 0.00	49.78 0.00 0.00	43.97 0.31 0.00
ROCHESTER_9_IC 23652	35.38 0.35 0.00	30.33 0.45 0.00	27.94 0.52 0.00	25.92 0.36 0.00	25.52 0.30 0.00	26.05 0.33 0.00	25.94 0.13 0.00	25.90 -0.34 0.00	25.78 -0.58 0.00	25.74 -0.63 0.00	27.71 -0.25 0.00	29.81 -0.09 0.00	30.72 -0.03 0.00	34.11 0.10 0.00	37.29 0.22 0.00	42.24 0.29 0.00	51.15 1.00 0.00	64.61 1.39 0.00	75.90 1.56 0.00	78.26 1.53 0.00	69.71 0.96 0.00	57.41 0.34 0.00	50.18 0.40 0.00	44.32 0.65 0.00
ROCKVIEW_13_KV_LD 356306	36.81 1.79 0.00	31.58 1.70 0.00	28.88 1.45 0.00	26.87 1.30 0.00	26.58 1.36 0.00	27.03 1.31 0.00	27.31 1.50 0.00	27.76 1.52 0.00	27.76 1.40 0.00	27.85 1.48 0.00	29.50 1.54 0.00	31.70 1.79 0.00	32.71 1.97 0.00	36.15 2.14 0.00	39.40 2.34 0.00	44.50 2.56 0.00	52.76 2.61 0.00	66.00 2.78 0.00	77.32 2.97 0.00	79.57 2.84 0.00	71.08 2.34 0.00	58.95 1.88 0.00	51.48 1.69 0.00	45.10 1.44 0.00
ROME____115KV_TB2 80656	36.15 1.12 0.00	30.83 0.96 0.00	28.30 0.88 0.00	26.38 0.82 0.00	26.05 0.83 0.00	26.56 0.85 0.00	26.59 0.77 0.00	26.82 0.58 0.00	26.73 0.37 0.00	26.66 0.29 0.00	28.21 0.25 0.00	30.23 0.33 0.00	31.18 0.43 0.00	34.58 0.58 0.00	37.70 0.63 0.00	42.87 0.92 0.00	51.50 1.35 0.00	64.92 1.71 0.00	77.24 2.90 0.00	80.33 3.61 0.00	71.84 3.09 0.00	60.08 2.51 -0.50	52.48 1.94 -0.76	45.89 1.57 -0.65
ROSETON____1 23587	36.18 1.15 0.00	31.07 1.20 0.00	28.49 1.07 0.00	26.51 0.95 0.00	26.20 0.98 0.00	26.67 0.95 0.00	26.92 1.11 0.00	27.34 1.10 0.00	27.26 0.90 0.00	27.27 0.90 0.00	28.94 0.98 0.00	31.04 1.14 0.00	32.01 1.26 0.00	35.33 1.32 0.00	38.51 1.44 0.00	43.50 1.55 0.00	51.71 1.56 0.00	64.86 1.64 0.00	75.91 1.56 0.00	77.88 1.15 0.00	69.91 1.17 0.00	57.98 0.91 0.00	50.68 0.90 0.00	44.49 0.83 0.00
ROSETON____2 23588	36.18 1.15 0.00	31.07 1.20 0.00	28.49 1.07 0.00	26.51 0.95 0.00	26.20 0.98 0.00	26.67 0.95 0.00	26.92 1.11 0.00	27.34 1.10 0.00	27.26 0.90 0.00	27.27 0.90 0.00	28.94 0.98 0.00	31.04 1.14 0.00	32.01 1.26 0.00	35.33 1.32 0.00	38.51 1.44 0.00	43.50 1.55 0.00	51.71 1.56 0.00	64.86 1.64 0.00	75.91 1.56 0.00	77.88 1.15 0.00	69.91 1.17 0.00	57.98 0.91 0.00	50.68 0.90 0.00	44.49 0.83 0.00
ROTTRDAM_115KV_TB3 80664	35.94 0.91 0.00	30.77 0.90 0.00	28.25 0.82 0.00	26.33 0.77 0.00	25.97 0.76 0.00	26.49 0.77 0.00	26.64 0.83 0.00	26.95 0.71 0.00	26.84 0.47 0.00	26.79 0.42 0.00	28.35 0.39 0.00	30.29 0.39 0.00	31.21 0.46 0.00	34.48 0.48 0.00	37.66 0.59 0.00	42.57 0.63 0.00	50.95 0.80 0.00	64.35 1.14 0.00	75.90 1.56 0.00	78.49 1.76 0.00	70.26 1.51 0.00	58.38 1.31 0.00	50.93 1.15 0.00	44.58 0.92 0.00
RUSSELL____1 23602	35.55 0.53 0.00	30.48 0.60 0.00	28.05 0.63 0.00	26.03 0.46 0.00	25.62 0.40 0.00	26.15 0.44 0.00	26.05 0.23 0.00	26.00 -0.24 0.00	25.89 -0.47 0.00	25.87 -0.50 0.00	27.88 -0.08 0.00	29.99 0.09 0.00	30.90 0.15 0.00	34.35 0.34 0.00	37.55 0.48 0.00	42.57 0.63 0.00	51.55 1.40 0.00	65.18 1.96 0.00	76.50 2.16 0.00	78.80 2.07 0.00	70.26 1.51 0.00	57.87 0.80 0.00	50.53 0.75 0.00	44.62 0.96 0.00
RUSSELL____2 23532	35.55 0.53 0.00	30.48 0.60 0.00	28.05 0.63 0.00	26.03 0.46 0.00	25.62 0.40 0.00	26.15 0.44 0.00	26.05 0.23 0.00	26.00 -0.24 0.00	25.89 -0.47 0.00	25.87 -0.50 0.00	27.88 -0.08 0.00	29.99 0.09 0.00	30.90 0.15 0.00	34.35 0.34 0.00	37.55 0.48 0.00	42.57 0.63 0.00	51.55 1.40 0.00	65.18 1.96 0.00	76.50 2.16 0.00	78.80 2.07 0.00	70.26 1.51 0.00	57.87 0.80 0.00	50.53 0.75 0.00	44.62 0.96 0.00
RUSSELL____3 23549	35.55 0.53 0.00	30.48 0.60 0.00	28.05 0.63 0.00	26.03 0.46 0.00	25.62 0.40 0.00	26.15 0.44 0.00	26.05 0.23 0.00	26.00 -0.24 0.00	25.89 -0.47 0.00	25.87 -0.50 0.00	27.88 -0.08 0.00	29.99 0.09 0.00	30.90 0.15 0.00	34.35 0.34 0.00	37.55 0.48 0.00	42.57 0.63 0.00	51.55 1.40 0.00	65.18 1.96 0.00	76.50 2.16 0.00	78.80 2.07 0.00	70.26 1.51 0.00	57.87 0.80 0.00	50.53 0.75 0.00	44.62 0.96 0.00
RUSSELL____4 23556	35.55 0.53 0.00	30.48 0.60 0.00	28.05 0.63 0.00	26.03 0.46 0.00	25.62 0.40 0.00	26.15 0.44 0.00	26.05 0.23 0.00	26.00 -0.24 0.00	25.89 -0.47 0.00	25.87 -0.50 0.00	27.88 -0.08 0.00	29.99 0.09 0.00	30.90 0.15 0.00	34.35 0.34 0.00	37.55 0.48 0.00	42.57 0.63 0.00	51.55 1.40 0.00	65.18 1.96 0.00	76.50 2.16 0.00	78.80 2.07 0.00	70.26 1.51 0.00	57.87 0.80 0.00	50.53 0.75 0.00	44.62 0.96 0.00
RUSSELL____STATION 23914	35.55 0.53 0.00	30.48 0.60 0.00	28.05 0.63 0.00	26.03 0.46 0.00	25.62 0.40 0.00	26.15 0.44 0.00	26.05 0.23 0.00	26.00 -0.24 0.00	25.89 -0.47 0.00	25.87 -0.50 0.00	27.88 -0.08 0.00	29.99 0.09 0.00	30.90 0.15 0.00	34.35 0.34 0.00	37.55 0.48 0.00	42.57 0.63 0.00	51.55 1.40 0.00	65.18 1.96 0.00	76.50 2.16 0.00	78.80 2.07 0.00	70.26 1.51 0.00	57.87 0.80 0.00	50.53 0.75 0.00	44.62 0.96 0.00
S SALMON____HYD 24043	35.10 0.07 0.00	29.88 0.00 0.00	27.51 0.08 0.00	25.62 0.05 0.00	25.22 0.00 0.00	25.69 -0.03 0.00	25.66 -0.15 0.00	25.90 -0.34 0.00	25.84 -0.53 0.00	25.82 -0.56 0.00	27.40 -0.56 0.00	29.33 -0.57 0.00	30.16 -0.59 0.00	33.40 -0.61 0.00	36.33 -0.74 0.00	41.23 -0.71 0.00	49.35 -0.80 0.00	62.33 -0.89 0.00	74.05 -0.30 0.00	76.88 0.15 0.00	68.81 0.07 0.00	57.65 0.00 -0.59	50.67 0.00 -0.88	44.38 -0.04 -0.76
S.PERRY__115KV_TB1 80734	36.46 1.44 0.00	31.28 1.40 0.00	28.82 1.40 0.00	26.74 1.18 0.00	26.25 1.03 0.00	26.87 1.16 0.00	26.64 0.83 0.00	26.24 0.00 0.00	25.84 -0.53 0.00	25.71 -0.66 0.00	27.57 -0.39 0.00	29.66 -0.24 0.00	30.62 -0.12 0.00	34.04 0.03 0.00	37.25 0.19 0.00	42.32 0.38 0.00	51.55 1.40 0.00	65.56 2.34 0.00	77.84 3.49 0.00	81.33 4.60 0.00	72.73 3.99 0.00	59.69 2.63 0.00	52.12 2.34 0.00	45.97 2.31 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.03 0.00 0.00	30.24 0.36 0.00	27.92 0.49 0.00	25.92 0.36 0.00	25.37 0.15 0.00	25.95 0.23 0.00	25.63 -0.18 0.00	25.19 -1.05 0.00	24.97 -1.40 0.00	24.87 -1.50 0.00	27.07 -0.89 0.00	29.31 -0.60 0.00	30.25 -0.49 0.00	33.56 -0.44 0.00	36.59 -0.48 0.00	41.36 -0.59 0.00	50.55 0.40 0.00	63.60 0.38 0.00	74.19 -0.15 0.00	76.42 -0.31 0.00	67.92 -0.82 0.00	55.58 -1.48 0.00	49.14 -0.65 0.00	43.75 0.09 0.00

SAWYER___23_KV_LOAD 55526	35.03 0.00 0.00	30.24 0.36 0.00	27.92 0.49 0.00	25.92 0.36 0.00	25.37 0.15 0.00	25.95 0.23 0.00	25.63 -0.18 0.00	25.19 -1.05 0.00	24.97 -1.40 0.00	24.87 -1.50 0.00	27.07 -0.89 0.00	29.31 -0.60 0.00	30.25 -0.49 0.00	33.56 -0.44 0.00	36.59 -0.48 0.00	41.36 -0.59 0.00	50.55 0.40 0.00	63.60 0.38 0.00	74.19 -0.15 0.00	76.42 -0.31 0.00	67.92 -0.82 0.00	55.58 -1.48 0.00	49.14 -0.65 0.00	43.75 0.09 0.00
SELKIRK___I 23801	35.80 0.77 0.00	30.71 0.84 0.00	28.22 0.80 0.00	26.36 0.79 0.00	26.02 0.81 0.00	26.54 0.82 0.00	26.67 0.85 0.00	26.97 0.73 0.00	26.71 0.34 0.00	26.61 0.24 0.00	28.18 0.22 0.00	30.11 0.21 0.00	30.99 0.24 0.00	34.25 0.24 0.00	37.40 0.33 0.00	42.24 0.30 0.00	50.55 0.40 0.00	63.85 0.63 0.00	75.16 0.82 0.00	77.49 0.77 0.00	69.64 0.89 0.00	57.86 0.80 0.00	50.48 0.70 0.00	44.23 0.57 0.00
SELKIRK___II 23799	35.59 0.56 0.00	30.57 0.69 0.00	28.05 0.63 0.00	26.23 0.66 0.00	25.90 0.68 0.00	26.38 0.67 0.00	26.56 0.75 0.00	26.95 0.71 0.00	26.73 0.37 0.00	26.69 0.32 0.00	28.27 0.31 0.00	30.23 0.33 0.00	31.14 0.40 0.00	34.38 0.37 0.00	37.52 0.45 0.00	42.32 0.38 0.00	50.55 0.40 0.00	63.78 0.57 0.00	74.87 0.52 0.00	77.03 0.31 0.00	69.23 0.48 0.00	57.52 0.45 0.00	50.13 0.35 0.00	43.92 0.26 0.00
SENECA OSWGO___HYD 24041	34.68 -0.35 0.00	29.64 -0.24 0.00	27.29 -0.14 0.00	25.44 -0.13 0.00	25.01 -0.20 0.00	25.56 -0.15 0.00	25.58 -0.23 0.00	25.85 -0.39 0.00	25.84 -0.53 0.00	25.90 -0.47 0.00	27.49 -0.48 0.00	29.33 -0.57 0.00	30.13 -0.61 0.00	33.36 -0.65 0.00	36.36 -0.71 0.00	41.19 -0.75 0.00	49.40 -0.75 0.00	62.27 -0.95 0.00	73.53 -0.82 0.00	75.96 -0.77 0.00	67.92 -0.82 0.00	56.27 -0.80 0.00	49.09 -0.70 0.00	43.01 -0.65 0.00
SENECA___115KV_TB3 355854	35.13 0.11 0.00	30.42 0.54 0.00	28.05 0.63 0.00	26.05 0.49 0.00	25.49 0.28 0.00	26.07 0.36 0.00	25.76 -0.05 0.00	25.35 -0.89 0.00	25.12 -1.24 0.00	25.03 -1.34 0.00	27.23 -0.73 0.00	29.51 -0.39 0.00	30.50 -0.25 0.00	33.84 -0.17 0.00	36.92 -0.15 0.00	41.74 -0.21 0.00	51.00 0.85 0.00	64.16 0.95 0.00	74.94 0.59 0.00	77.19 0.46 0.00	68.61 -0.14 0.00	56.15 -0.91 0.00	49.58 -0.20 0.00	44.05 0.39 0.00
SENECA___ENERGY 23797	35.20 0.18 0.00	30.12 0.24 0.00	27.73 0.30 0.00	25.80 0.23 0.00	25.34 0.13 0.00	25.92 0.20 0.00	25.89 0.08 0.00	26.00 -0.24 0.00	25.94 -0.42 0.00	25.98 -0.39 0.00	27.65 -0.31 0.00	29.66 -0.24 0.00	30.53 -0.21 0.00	33.87 -0.14 0.00	36.99 -0.07 0.00	41.95 0.00 0.00	50.55 0.40 0.00	63.85 0.63 0.00	75.61 1.26 0.00	78.11 1.38 0.00	69.71 0.96 0.00	57.52 0.45 0.00	50.13 0.35 0.00	43.97 0.31 0.00
SHOEMAKER___GT 23640	36.04 1.02 0.00	30.95 1.07 0.00	28.33 0.90 0.00	26.36 0.79 0.00	26.05 0.83 0.00	26.51 0.80 0.00	26.74 0.93 0.00	27.13 0.89 0.00	27.05 0.68 0.00	27.06 0.68 0.00	28.72 0.76 0.00	30.83 0.93 0.00	31.76 1.01 0.00	35.09 1.09 0.00	38.29 1.22 0.00	43.29 1.34 0.00	51.55 1.40 0.00	64.73 1.51 0.00	75.91 1.56 0.00	78.03 1.30 0.00	69.98 1.24 0.00	58.04 0.97 0.00	50.63 0.85 0.00	44.40 0.74 0.00
SHOEMAKR_138KV_BK 111 55601	36.04 1.02 0.00	30.92 1.05 0.00	28.30 0.88 0.00	26.36 0.79 0.00	26.05 0.83 0.00	26.51 0.80 0.00	26.74 0.93 0.00	27.13 0.89 0.00	27.10 0.74 0.00	27.11 0.74 0.00	28.74 0.78 0.00	30.83 0.93 0.00	31.79 1.05 0.00	35.13 1.12 0.00	38.33 1.26 0.00	43.29 1.34 0.00	51.55 1.40 0.00	64.73 1.52 0.00	76.05 1.71 0.00	78.41 1.69 0.00	70.12 1.37 0.00	58.09 1.03 0.00	50.68 0.90 0.00	44.45 0.79 0.00
SHOREHAM_IC_1 23715	37.42 2.38 -0.01	31.85 1.97 0.00	29.20 1.78 0.00	26.92 1.35 0.00	26.55 1.34 0.00	26.95 1.23 0.00	27.05 1.24 0.00	27.65 1.42 0.00	27.47 1.11 0.00	28.01 1.64 0.00	29.96 1.99 -0.01	32.59 2.27 -0.42	35.89 2.49 -2.65	43.66 2.72 -6.93	44.56 3.00 -4.49	46.38 3.44 -0.99	52.86 2.71 -0.01	66.00 2.78 -0.01	76.50 2.16 0.00	77.65 0.92 0.00	69.43 0.69 0.00	57.69 0.63 0.00	49.49 -0.30 0.00	44.79 1.13 0.00
SHOREHAM_IC_2 23716	37.41 2.38 0.00	31.82 1.94 0.00	29.10 1.67 0.00	26.92 1.35 0.00	26.55 1.34 0.00	26.95 1.23 0.00	27.05 1.24 0.00	27.66 1.42 0.00	27.50 1.13 0.00	28.03 1.66 0.00	29.95 1.99 0.00	32.60 2.27 -0.42	35.89 2.49 -2.65	43.66 2.72 -6.93	44.52 2.97 -4.49	46.34 3.40 -0.99	53.81 3.66 0.00	67.33 4.11 0.00	78.51 4.16 0.00	80.33 3.61 0.00	71.29 2.54 0.00	59.29 2.23 0.00	50.83 1.05 0.00	45.28 1.62 0.00
SISSONVILLE____ 23735	34.96 -0.07 0.00	29.52 -0.36 0.00	27.09 -0.33 0.00	25.39 -0.18 0.00	25.04 -0.18 0.00	25.53 -0.18 0.00	25.48 -0.34 0.00	26.08 -0.16 0.00	26.63 0.26 0.00	26.66 0.29 0.00	28.24 0.28 0.00	30.20 0.30 0.00	30.99 0.25 0.00	34.31 0.31 0.00	37.37 0.30 0.00	42.45 0.50 0.00	50.45 0.30 0.00	63.98 0.76 0.00	74.86 0.52 0.00	78.03 1.30 0.00	70.12 1.37 0.00	64.74 1.65 -6.01	60.26 1.44 -9.03	52.79 1.31 -7.81
SITHE_IND_GS1 24169	34.22 -0.80 0.00	29.25 -0.63 0.00	26.96 -0.47 0.00	25.11 -0.46 0.00	24.74 -0.48 0.00	25.25 -0.46 0.00	25.30 -0.52 0.00	25.58 -0.65 0.00	25.60 -0.77 0.00	25.66 -0.71 0.00	27.21 -0.75 0.00	29.01 -0.90 0.00	29.76 -0.99 0.00	32.95 -1.05 0.00	35.88 -1.19 0.00	40.64 -1.30 0.00	48.75 -1.40 0.00	61.45 -1.77 0.00	72.49 -1.86 0.00	74.81 -1.92 0.00	66.89 -1.85 0.00	55.47 -1.60 0.00	48.34 -1.45 0.00	42.39 -1.27 0.00
SITHE_IND_GS2 24170	34.22 -0.80 0.00	29.25 -0.63 0.00	26.96 -0.47 0.00	25.11 -0.46 0.00	24.74 -0.48 0.00	25.25 -0.46 0.00	25.30 -0.52 0.00	25.58 -0.65 0.00	25.60 -0.77 0.00	25.66 -0.71 0.00	27.21 -0.75 0.00	29.01 -0.90 0.00	29.76 -0.99 0.00	32.95 -1.05 0.00	35.88 -1.19 0.00	40.64 -1.30 0.00	48.75 -1.40 0.00	61.45 -1.77 0.00	72.49 -1.86 0.00	74.81 -1.92 0.00	66.89 -1.85 0.00	55.47 -1.60 0.00	48.34 -1.45 0.00	42.39 -1.27 0.00
SITHE_IND_GS3 24171	34.22 -0.80 0.00	29.25 -0.63 0.00	26.96 -0.47 0.00	25.11 -0.46 0.00	24.74 -0.48 0.00	25.25 -0.46 0.00	25.30 -0.52 0.00	25.58 -0.65 0.00	25.60 -0.77 0.00	25.66 -0.71 0.00	27.21 -0.75 0.00	29.01 -0.90 0.00	29.76 -0.99 0.00	32.95 -1.05 0.00	35.88 -1.19 0.00	40.64 -1.30 0.00	48.75 -1.40 0.00	61.45 -1.77 0.00	72.49 -1.86 0.00	74.81 -1.92 0.00	66.89 -1.85 0.00	55.47 -1.60 0.00	48.34 -1.45 0.00	42.39 -1.27 0.00
SITHE_IND_GS4 24172	34.22 -0.80 0.00	29.25 -0.63 0.00	26.96 -0.47 0.00	25.11 -0.46 0.00	24.74 -0.48 0.00	25.25 -0.46 0.00	25.30 -0.52 0.00	25.58 -0.65 0.00	25.60 -0.77 0.00	25.66 -0.71 0.00	27.21 -0.75 0.00	29.01 -0.90 0.00	29.76 -0.99 0.00	32.95 -1.05 0.00	35.88 -1.19 0.00	40.64 -1.30 0.00	48.75 -1.40 0.00	61.45 -1.77 0.00	72.49 -1.86 0.00	74.81 -1.92 0.00	66.89 -1.85 0.00	55.47 -1.60 0.00	48.34 -1.45 0.00	42.39 -1.27 0.00

SITHE___BATAVIA 24024	35.94 0.91 0.00	30.95 1.07 0.00	28.57 1.15 0.00	26.41 0.84 0.00	25.97 0.76 0.00	26.54 0.82 0.00	26.23 0.41 0.00	25.71 -0.52 0.00	25.57 -0.79 0.00	25.66 -0.71 0.00	27.51 -0.45 0.00	29.75 -0.15 0.00	30.72 -0.03 0.00	34.14 0.14 0.00	37.33 0.26 0.00	42.24 0.30 0.00	51.75 1.60 0.00	65.30 2.08 0.00	77.24 2.90 0.00	79.57 2.84 0.00	70.53 1.78 0.00	58.09 1.03 0.00	50.73 0.94 0.00	45.10 1.44 0.00
SITHE___INDEPEND 23800	34.22 -0.81 0.00	29.25 -0.63 0.00	26.96 -0.47 0.00	25.11 -0.46 0.00	24.74 -0.48 0.00	25.25 -0.46 0.00	25.30 -0.52 0.00	25.58 -0.66 0.00	25.60 -0.76 0.00	25.61 -0.76 0.00	27.21 -0.75 0.00	29.01 -0.90 0.00	29.76 -0.98 0.00	32.95 -1.05 0.00	35.88 -1.19 0.00	40.65 -1.30 0.00	48.75 -1.40 0.00	61.45 -1.77 0.00	72.41 -1.93 0.00	74.81 -1.92 0.00	66.89 -1.86 0.00	55.35 -1.71 0.00	48.29 -1.49 0.00	42.39 -1.27 0.00
SITHE___MASSENA 23902	34.78 -0.24 0.00	29.43 -0.45 0.00	27.01 -0.41 0.00	25.29 -0.28 0.00	24.94 -0.28 0.00	25.43 -0.28 0.00	25.40 -0.41 0.00	26.06 -0.18 0.00	26.57 0.21 0.00	26.64 0.26 0.00	28.21 0.25 0.00	30.20 0.30 0.00	30.96 0.22 0.00	34.28 0.27 0.00	37.33 0.26 0.00	42.36 0.42 0.00	50.30 0.15 0.00	63.78 0.57 0.00	74.42 0.07 0.00	77.49 0.77 0.00	69.36 0.62 0.00	66.87 0.97 -8.84	64.05 1.00 -13.27	56.24 1.09 -11.48
SITHE___OGDNSBRG 24021	35.31 0.28 0.00	29.85 -0.03 0.00	27.37 -0.05 0.00	25.64 0.08 0.00	25.32 0.10 0.00	25.82 0.10 0.00	25.74 -0.08 0.00	26.29 0.05 0.00	26.79 0.42 0.00	26.77 0.40 0.00	28.33 0.36 0.00	30.29 0.39 0.00	31.05 0.31 0.00	34.41 0.41 0.00	37.44 0.37 0.00	42.57 0.63 0.00	50.65 0.50 0.00	64.35 1.14 0.00	75.53 1.19 0.00	78.95 2.23 0.00	71.08 2.34 0.00	66.69 2.51 -7.11	62.60 2.14 -10.68	54.78 1.88 -9.24
SITHE___STERLING 23777	35.90 0.88 0.00	30.65 0.78 0.00	28.16 0.74 0.00	26.23 0.66 0.00	25.87 0.65 0.00	26.41 0.69 0.00	26.43 0.62 0.00	26.68 0.45 0.00	26.60 0.24 0.00	26.56 0.19 0.00	28.13 0.17 0.00	30.11 0.21 0.00	31.05 0.31 0.00	34.42 0.41 0.00	37.55 0.48 0.00	42.61 0.67 0.00	51.20 1.05 0.00	64.55 1.33 0.00	76.65 2.31 0.00	79.41 2.68 0.00	71.08 2.34 0.00	59.28 1.88 -0.33	51.73 1.44 -0.50	45.23 1.13 -0.43
SLEIGHT__34_KV_TB1 80719	35.06 0.04 0.00	30.00 0.12 0.00	27.62 0.19 0.00	25.67 0.10 0.00	25.24 0.03 0.00	25.79 0.08 0.00	25.74 -0.08 0.00	25.79 -0.45 0.00	25.70 -0.66 0.00	25.69 -0.69 0.00	27.54 -0.42 0.00	29.57 -0.33 0.00	30.44 -0.31 0.00	33.80 -0.20 0.00	36.96 -0.11 0.00	41.90 -0.04 0.00	50.60 0.45 0.00	63.98 0.76 0.00	75.38 1.04 0.00	77.88 1.15 0.00	69.36 0.62 0.00	57.18 0.11 0.00	49.88 0.10 0.00	43.88 0.22 0.00
SMITHTWN_69_KV_BK 1 55830	37.83 2.80 0.00	32.21 2.33 0.00	29.43 2.00 0.00	27.23 1.66 0.00	26.88 1.66 0.00	27.26 1.54 0.00	27.39 1.57 0.00	28.00 1.76 0.00	27.84 1.48 0.00	28.35 1.98 0.00	30.28 2.32 0.00	32.98 2.66 -0.42	36.29 2.89 -2.65	44.13 3.20 -6.93	45.04 3.48 -4.49	46.80 3.86 -0.99	54.36 4.21 0.00	67.70 4.49 0.00	78.95 4.61 0.00	80.79 4.07 0.00	71.84 3.09 0.00	59.86 2.80 0.00	51.43 1.64 0.00	45.84 2.18 0.00
SOUTH CAIRO___GT 23612	36.60 1.58 0.00	31.43 1.55 0.00	28.93 1.51 0.00	26.90 1.33 0.00	26.60 1.39 0.00	27.05 1.34 0.00	27.26 1.45 0.00	27.45 1.21 0.00	27.00 0.63 0.00	26.85 0.47 0.00	28.41 0.45 0.00	30.32 0.42 0.00	31.24 0.49 0.00	34.58 0.58 0.00	37.92 0.85 0.00	42.91 0.96 0.00	51.60 1.45 0.00	65.81 2.59 0.00	77.99 3.64 0.00	80.87 4.14 0.00	72.46 3.71 0.00	60.03 2.97 0.00	52.07 2.29 0.00	45.45 1.79 0.00
SOUTH HAMPTN___IC 23720	38.43 3.40 -0.01	32.66 2.78 0.00	29.94 2.52 0.00	27.59 2.02 0.00	27.21 1.99 0.00	27.59 1.88 0.00	27.68 1.86 0.00	28.31 2.07 0.00	28.16 1.79 0.00	28.77 2.40 0.00	30.88 2.91 -0.01	33.61 3.29 -0.42	36.96 3.56 -2.65	44.91 3.98 -6.93	46.00 4.45 -4.49	48.05 5.12 -0.99	54.97 4.81 -0.01	68.66 5.44 -0.01	79.47 5.13 0.00	80.41 3.68 0.00	71.70 2.95 0.00	59.52 2.45 0.00	50.93 1.15 0.00	46.02 2.36 0.00
SOUTHDOW_115KV_TB1 355954	35.55 0.53 0.00	30.83 0.96 0.00	28.41 0.99 0.00	26.38 0.82 0.00	25.77 0.55 0.00	26.43 0.72 0.00	26.13 0.31 0.00	25.77 -0.47 0.00	25.60 -0.76 0.00	25.53 -0.84 0.00	27.82 -0.14 0.00	30.17 0.27 0.00	31.21 0.46 0.00	34.65 0.65 0.00	37.74 0.67 0.00	42.74 0.80 0.00	52.21 2.06 0.00	65.75 2.53 0.00	76.87 2.53 0.00	79.33 2.61 0.00	70.46 1.72 0.00	57.58 0.51 0.00	50.78 1.00 0.00	44.75 1.09 0.00
SOUTHOLD_69_KV_BK 2 55809	39.06 4.03 0.00	33.16 3.29 0.00	30.30 2.88 0.00	27.99 2.43 0.00	27.59 2.37 0.00	27.98 2.26 0.00	28.06 2.25 0.00	28.71 2.47 0.00	28.60 2.24 0.00	29.27 2.90 0.00	31.43 3.47 0.00	34.24 3.92 -0.42	37.61 4.21 -2.65	45.66 4.73 -6.93	46.82 5.26 -4.49	49.02 6.08 -0.99	57.22 7.07 0.00	71.56 8.34 0.00	83.19 8.85 0.00	84.78 8.06 0.00	74.86 6.12 0.00	62.09 5.02 0.00	53.12 3.34 0.00	47.28 3.62 0.00
SOUTHOLD___IC 23719	39.06 4.03 -0.01	33.19 3.32 0.00	30.41 2.99 0.00	28.00 2.43 0.00	27.59 2.37 0.00	27.98 2.26 0.00	28.06 2.24 0.00	28.70 2.47 0.00	28.58 2.21 0.00	29.25 2.88 0.00	31.44 3.47 -0.01	34.24 3.92 -0.42	37.61 4.21 -2.65	45.66 4.73 -6.93	46.86 5.30 -4.49	49.11 6.17 -0.99	56.27 6.12 -0.01	70.24 7.02 -0.01	81.26 6.92 0.00	82.17 5.45 0.00	73.01 4.26 0.00	60.55 3.48 0.00	51.78 1.99 0.00	46.76 3.10 0.00
SOUTH_FORK_WT_PWR 323839	39.27 4.24 -0.01	33.34 3.46 0.00	30.55 3.13 0.00	28.12 2.56 0.00	27.71 2.50 0.00	28.11 2.39 0.00	28.16 2.35 0.00	28.84 2.60 0.00	28.71 2.35 0.00	29.40 3.03 0.00	31.63 3.66 -0.01	34.45 4.13 -0.42	37.83 4.43 -2.65	45.90 4.96 -6.93	47.11 5.56 -4.49	49.36 6.42 -0.99	56.63 6.47 -0.01	70.68 7.46 -0.01	81.71 7.36 0.00	82.55 5.83 0.00	73.21 4.47 0.00	60.72 3.66 0.00	51.92 2.14 0.00	46.98 3.32 0.00
SPIERFLS_115KV_TB 1 80737	36.39 1.37 0.00	31.10 1.22 0.00	28.57 1.15 0.00	26.61 1.05 0.00	26.22 1.01 0.00	26.79 1.08 0.00	26.95 1.14 0.00	27.16 0.92 0.00	26.92 0.55 0.00	26.85 0.47 0.00	28.13 0.17 0.00	30.05 0.15 0.00	30.99 0.25 0.00	34.28 0.27 0.00	37.48 0.41 0.00	42.45 0.50 0.00	50.95 0.80 0.00	64.86 1.64 0.00	77.39 3.05 0.00	80.18 3.45 0.00	71.91 3.16 0.00	59.58 2.51 0.00	51.87 2.09 0.00	45.19 1.53 0.00
ST LAWRENCE____ 23600	34.47 -0.56 0.00	29.19 -0.69 0.00	26.76 -0.66 0.00	25.03 -0.54 0.00	24.69 -0.53 0.00	25.15 -0.57 0.00	25.20 -0.62 0.00	25.82 -0.42 0.00	26.26 -0.11 0.00	26.29 -0.08 0.00	27.85 -0.11 0.00	29.78 -0.12 0.00	30.56 -0.18 0.00	33.80 -0.20 0.00	36.85 -0.22 0.00	41.78 -0.17 0.00	49.65 -0.50 0.00	62.78 -0.44 0.00	73.53 -0.82 0.00	76.34 -0.38 0.00	68.40 -0.34 0.00	56.21 -0.06 0.80	48.67 0.05 1.16	42.86 0.26 1.07

STATE_CA_115KV_115_LB 55624	35.69 0.67 0.00	30.65 0.78 0.00	28.30 0.88 0.00	26.36 0.79 0.00	26.02 0.81 0.00	26.54 0.82 0.00	26.72 0.90 0.00	27.05 0.81 0.00	26.79 0.42 0.00	26.74 0.37 0.00	28.30 0.34 0.00	30.26 0.36 0.00	31.21 0.46 0.00	34.45 0.44 0.00	37.62 0.56 0.00	42.41 0.46 0.00	50.70 0.55 0.00	64.04 0.82 0.00	75.31 0.97 0.00	77.72 1.00 0.00	69.57 0.82 0.00	57.81 0.74 0.00	50.43 0.65 0.00	44.10 0.44 0.00
STATE_ST_34_KV_LOAD 55959	35.31 0.28 0.00	30.18 0.30 0.00	27.75 0.33 0.00	25.87 0.31 0.00	25.42 0.20 0.00	26.00 0.28 0.00	26.00 0.18 0.00	26.16 -0.08 0.00	26.10 -0.26 0.00	26.11 -0.26 0.00	27.82 -0.14 0.00	29.75 -0.15 0.00	30.62 -0.12 0.00	33.97 -0.03 0.00	37.11 0.04 0.00	42.07 0.13 0.00	50.65 0.50 0.00	63.98 0.76 0.00	75.53 1.19 0.00	78.26 1.53 0.00	69.91 1.17 0.00	57.69 0.63 0.00	50.28 0.50 0.00	44.05 0.39 0.00
STATION_5_MISC_HYD 23604	35.38 0.35 0.00	30.33 0.45 0.00	27.94 0.52 0.00	25.92 0.36 0.00	25.52 0.30 0.00	26.05 0.33 0.00	25.95 0.13 0.00	25.90 -0.34 0.00	25.84 -0.53 0.00	25.92 -0.45 0.00	27.71 -0.25 0.00	29.84 -0.06 0.00	30.72 -0.03 0.00	34.11 0.10 0.00	37.29 0.22 0.00	42.24 0.30 0.00	51.25 1.10 0.00	64.67 1.46 0.00	76.27 1.93 0.00	78.49 1.77 0.00	69.91 1.17 0.00	57.75 0.69 0.00	50.28 0.50 0.00	44.32 0.66 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.27 0.25 0.00	30.18 0.30 0.00	27.78 0.36 0.00	25.82 0.26 0.00	25.39 0.18 0.00	25.95 0.23 0.00	25.89 0.08 0.00	25.92 -0.31 0.00	25.81 -0.55 0.00	25.79 -0.58 0.00	27.65 -0.31 0.00	29.72 -0.18 0.00	30.59 -0.15 0.00	33.97 -0.03 0.00	37.14 0.07 0.00	42.07 0.13 0.00	50.80 0.65 0.00	64.23 1.01 0.00	75.68 1.34 0.00	78.18 1.46 0.00	69.64 0.89 0.00	57.35 0.29 0.00	50.08 0.30 0.00	44.14 0.48 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.17 0.14 0.00	30.12 0.24 0.00	27.75 0.33 0.00	25.74 0.18 0.00	25.34 0.13 0.00	25.87 0.15 0.00	25.79 -0.03 0.00	25.77 -0.47 0.00	25.68 -0.69 0.00	25.63 -0.74 0.00	27.60 -0.36 0.00	29.66 -0.24 0.00	30.56 -0.18 0.00	33.94 -0.07 0.00	37.11 0.04 0.00	42.03 0.08 0.00	50.90 0.75 0.00	64.23 1.01 0.00	75.53 1.19 0.00	77.95 1.23 0.00	69.36 0.62 0.00	57.12 0.06 0.00	49.88 0.10 0.00	44.05 0.39 0.00
STA_56___34_KV_BUS2 355983	35.17 0.14 0.00	30.12 0.24 0.00	27.75 0.33 0.00	25.74 0.18 0.00	25.34 0.13 0.00	25.87 0.15 0.00	25.79 -0.03 0.00	25.77 -0.00 0.00	25.68 -0.69 0.00	25.63 -0.74 0.00	27.60 -0.36 0.00	29.66 -0.24 0.00	30.56 -0.18 0.00	33.94 -0.07 0.00	37.11 0.04 0.00	42.03 0.08 0.00	50.90 0.75 0.00	64.23 1.01 0.00	75.53 1.19 0.00	77.95 1.23 0.00	69.36 0.62 0.00	57.12 0.06 0.00	49.88 0.10 0.00	44.05 0.39 0.00
STA_67___115KV_BK2 355882	35.31 0.28 0.00	30.27 0.39 0.00	27.86 0.44 0.00	25.87 0.31 0.00	25.47 0.25 0.00	26.00 0.28 0.00	25.89 0.08 0.00	25.85 -0.39 0.00	25.73 -0.63 0.00	25.69 -0.69 0.00	27.65 -0.31 0.00	29.75 -0.15 0.00	30.65 -0.09 0.00	34.01 0.00 0.00	37.18 0.11 0.00	42.11 0.17 0.00	51.00 0.85 0.00	64.42 1.20 0.00	75.61 1.26 0.00	78.03 1.30 0.00	69.50 0.76 0.00	57.24 0.17 0.00	50.03 0.25 0.00	44.18 0.52 0.00
STA_7___115KV_9TRANS 80674	35.55 0.53 0.00	30.48 0.60 0.00	28.05 0.63 0.00	26.03 0.46 0.00	25.62 0.40 0.00	26.15 0.44 0.00	26.05 0.23 0.00	26.00 -0.24 0.00	25.89 -0.47 0.00	25.87 -0.50 0.00	27.88 -0.08 0.00	29.99 0.09 0.00	30.90 0.15 0.00	34.35 0.34 0.00	37.55 0.48 0.00	42.57 0.63 0.00	51.55 1.40 0.00	65.18 1.96 0.00	76.50 2.16 0.00	78.80 2.07 0.00	70.26 1.51 0.00	57.87 0.80 0.00	50.53 0.75 0.00	44.62 0.96 0.00
STA_82___115KV_TB1 80780	35.31 0.28 0.00	30.27 0.39 0.00	27.89 0.47 0.00	25.87 0.31 0.00	25.47 0.25 0.00	26.00 0.28 0.00	25.89 0.08 0.00	25.85 -0.39 0.00	25.73 -0.63 0.00	25.69 -0.69 0.00	27.65 -0.31 0.00	29.75 -0.15 0.00	30.65 -0.09 0.00	34.01 0.00 0.00	37.18 0.11 0.00	42.11 0.17 0.00	51.00 0.85 0.00	64.42 1.20 0.00	75.68 1.34 0.00	78.11 1.38 0.00	69.50 0.76 0.00	57.24 0.17 0.00	50.03 0.25 0.00	44.18 0.52 0.00
STEEL___WIND 323596	35.17 0.14 0.00	30.39 0.51 0.00	28.08 0.66 0.00	26.03 0.46 0.00	25.47 0.25 0.00	26.05 0.33 0.00	25.74 -0.08 0.00	25.32 -0.92 0.00	25.26 -1.11 0.00	25.37 -1.00 0.00	27.21 -0.75 0.00	29.48 -0.42 0.00	30.44 -0.31 0.00	33.80 -0.20 0.00	36.85 -0.22 0.00	41.65 -0.29 0.00	51.10 0.95 0.00	64.10 0.88 0.00	75.61 1.26 0.00	77.65 0.92 0.00	68.88 0.14 0.00	56.67 -0.40 0.00	49.73 -0.05 0.00	43.97 0.31 0.00
STEPHTWN_115KV_BK_2 55603	35.87 0.84 0.00	30.80 0.93 0.00	28.41 0.99 0.00	26.46 0.89 0.00	26.12 0.91 0.00	26.61 0.90 0.00	26.80 0.98 0.00	27.16 0.92 0.00	26.89 0.53 0.00	26.85 0.47 0.00	28.41 0.45 0.00	30.38 0.48 0.00	31.33 0.58 0.00	34.58 0.58 0.00	37.77 0.70 0.00	42.62 0.67 0.00	51.00 0.85 0.00	64.48 1.26 0.00	75.83 1.49 0.00	78.34 1.61 0.00	70.05 1.31 0.00	58.15 1.08 0.00	50.68 0.90 0.00	44.32 0.65 0.00
STEUBEN_REC_LFGE 323667	35.87 0.84 0.00	30.83 0.96 0.00	28.38 0.96 0.00	26.44 0.87 0.00	25.82 0.61 0.00	26.51 0.80 0.00	26.28 0.46 0.00	25.92 -0.31 0.00	25.60 -0.76 0.00	25.50 -0.87 0.00	27.49 -0.48 0.00	29.63 -0.27 0.00	30.62 -0.12 0.00	34.04 0.03 0.00	37.18 0.11 0.00	42.20 0.25 0.00	51.30 1.15 0.00	64.92 1.71 0.00	76.72 2.38 0.00	79.80 3.07 0.00	71.15 2.41 0.00	58.26 1.20 0.00	51.08 1.29 0.00	45.01 1.35 0.00
STILLWATER___SOLAR 323814	36.53 1.51 0.00	31.28 1.40 0.00	28.74 1.32 0.00	26.77 1.20 0.00	26.40 1.19 0.00	26.92 1.21 0.00	27.08 1.26 0.00	27.37 1.13 0.00	27.13 0.77 0.00	26.98 0.61 0.00	28.49 0.53 0.00	30.47 0.57 0.00	31.39 0.65 0.00	34.69 0.68 0.00	37.92 0.85 0.00	42.91 0.97 0.00	51.45 1.30 0.00	65.30 2.08 0.00	77.32 2.98 0.00	79.80 3.07 0.00	71.70 2.95 0.00	59.46 2.40 0.00	51.82 2.04 0.00	45.23 1.57 0.00
STONY___BROOK 24151	37.84 2.80 -0.01	32.21 2.33 0.00	29.51 2.08 0.00	27.23 1.66 0.00	26.88 1.66 0.00	27.26 1.54 0.00	27.39 1.57 0.00	28.00 1.76 0.00	27.81 1.45 0.00	28.30 1.92 0.00	30.29 2.32 -0.01	32.95 2.63 -0.42	36.26 2.86 -2.65	44.06 3.13 -6.93	44.96 3.41 -4.49	46.76 3.82 -0.99	53.37 3.21 -0.01	66.38 3.16 -0.01	76.72 2.38 0.00	77.88 1.15 0.00	69.71 0.96 0.00	58.27 1.20 0.00	50.03 0.25 0.00	45.28 1.62 0.00
STURGEON_POOL_HYD 23609	36.29 1.26 0.00	31.16 1.28 0.00	28.49 1.07 0.00	26.51 0.95 0.00	26.22 1.01 0.00	26.67 0.95 0.00	26.95 1.14 0.00	27.34 1.10 0.00	27.29 0.92 0.00	27.32 0.95 0.00	28.97 1.01 0.00	31.10 1.20 0.00	32.07 1.32 0.00	35.43 1.43 0.00	38.66 1.59 0.00	43.71 1.76 0.00	52.01 1.86 0.00	65.24 2.02 0.00	76.50 2.16 0.00	78.80 2.07 0.00	70.46 1.72 0.00	58.49 1.43 0.00	50.98 1.19 0.00	44.71 1.05 0.00

ST_LAW_115_BK7_LBMP 345037	34.47 -0.56 0.00	29.16 -0.72 0.00	26.74 -0.68 0.00	25.00 -0.56 0.00	24.66 -0.55 0.00	25.15 -0.57 0.00	25.17 -0.64 0.00	25.79 -0.45 0.00	26.26 -0.11 0.00	26.29 -0.08 0.00	27.85 -0.11 0.00	29.78 -0.12 0.00	30.56 -0.18 0.00	33.80 -0.20 0.00	36.85 -0.22 0.00	41.78 -0.17 0.00	49.65 -0.50 0.00	62.78 -0.44 0.00	73.53 -0.82 0.00	76.34 -0.38 0.00	68.40 -0.34 0.00	56.09 0.00 0.98	48.41 0.10 1.47	42.70 0.31 1.27
ST_LAW_115_BK8_LBMP 345038	34.47 -0.56 0.00	29.16 -0.72 0.00	26.74 -0.68 0.00	25.00 -0.56 0.00	24.66 -0.55 0.00	25.15 -0.57 0.00	25.17 -0.64 0.00	25.79 -0.45 0.00	26.26 -0.11 0.00	26.29 -0.08 0.00	27.85 -0.11 0.00	29.78 -0.12 0.00	30.56 -0.18 0.00	33.80 -0.20 0.00	36.85 -0.22 0.00	41.78 -0.17 0.00	49.65 -0.50 0.00	62.78 -0.44 0.00	73.53 -0.82 0.00	76.34 -0.38 0.00	68.40 -0.34 0.00	56.09 0.00 0.98	48.41 0.10 1.47	42.70 0.31 1.27
ST_LAW_230_BK5_LBMP 345035	34.47 -0.56 0.00	29.19 -0.69 0.00	26.76 -0.66 0.00	25.03 -0.54 0.00	24.69 -0.53 0.00	25.15 -0.57 0.00	25.20 -0.62 0.00	25.82 -0.42 0.00	26.26 -0.11 0.00	26.29 -0.08 0.00	27.85 -0.11 0.00	29.78 -0.12 0.00	30.56 -0.18 0.00	33.80 -0.20 0.00	36.85 -0.22 0.00	41.78 -0.17 0.00	49.65 -0.50 0.00	62.78 -0.44 0.00	73.53 -0.82 0.00	76.34 -0.38 0.00	68.40 -0.34 0.00	56.38 -0.06 0.63	48.89 0.05 0.94	43.11 0.26 0.82
ST_LAW_230_BK6_LBMP 345036	34.47 -0.56 0.00	29.19 -0.69 0.00	26.76 -0.66 0.00	25.03 -0.54 0.00	24.69 -0.53 0.00	25.15 -0.57 0.00	25.20 -0.62 0.00	25.82 -0.42 0.00	26.26 -0.11 0.00	26.29 -0.08 0.00	27.85 -0.11 0.00	29.78 -0.12 0.00	30.56 -0.18 0.00	33.80 -0.20 0.00	36.85 -0.22 0.00	41.78 -0.17 0.00	49.65 -0.50 0.00	62.78 -0.44 0.00	73.53 -0.82 0.00	76.34 -0.38 0.00	68.40 -0.34 0.00	56.38 -0.06 0.63	48.89 0.05 0.94	43.11 0.26 0.82
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.18 1.16 0.00	31.07 1.20 0.00	28.44 1.01 0.00	26.49 0.92 0.00	26.17 0.96 0.00	26.64 0.93 0.00	26.87 1.06 0.00	27.29 1.05 0.00	27.23 0.87 0.00	27.30 0.92 0.00	28.91 0.95 0.00	31.07 1.17 0.00	32.04 1.29 0.00	35.37 1.36 0.00	38.59 1.52 0.00	43.62 1.68 0.00	51.80 1.65 0.00	64.99 1.77 0.00	76.28 1.93 0.00	78.57 1.84 0.00	70.26 1.51 0.00	58.21 1.14 0.00	50.78 1.00 0.00	44.53 0.87 0.00
SWANROAD_115KV_TB1 355699	34.50 -0.53 0.00	30.21 0.33 0.00	27.92 0.49 0.00	25.87 0.31 0.00	25.37 0.15 0.00	25.92 0.21 0.00	25.53 -0.28 0.00	24.80 -1.44 0.00	24.57 -1.79 0.00	24.42 -1.95 0.00	26.59 -1.37 0.00	28.80 -1.11 0.00	29.73 -1.01 0.00	32.99 -1.02 0.00	35.96 -1.11 0.00	40.60 -1.34 0.00	49.70 -0.45 0.00	62.52 -0.70 0.00	72.86 -1.49 0.00	75.11 -1.61 0.00	66.68 -2.06 0.00	54.56 -2.51 0.00	48.29 -1.49 0.00	43.53 -0.13 0.00
SYNERGY___BIOGAS 323694	35.73 0.70 0.00	30.95 1.08 0.00	28.55 1.12 0.00	26.41 0.84 0.00	25.97 0.76 0.00	26.54 0.82 0.00	26.23 0.41 0.00	25.71 -0.52 0.00	25.47 -0.90 0.00	25.34 -1.03 0.00	27.51 -0.45 0.00	29.75 -0.15 0.00	30.72 -0.03 0.00	34.14 0.14 0.00	37.33 0.26 0.00	42.24 0.29 0.00	51.60 1.45 0.00	65.24 2.02 0.00	76.57 2.23 0.00	79.10 2.38 0.00	70.26 1.51 0.00	57.52 0.46 0.00	50.58 0.80 0.00	45.15 1.48 0.00
SYRACUSE___ENERGY_ST1 323597	35.06 0.04 0.00	29.97 0.09 0.00	27.59 0.16 0.00	25.69 0.13 0.00	25.27 0.05 0.00	25.84 0.13 0.00	25.87 0.05 0.00	26.11 -0.13 0.00	26.07 -0.29 0.00	26.11 -0.26 0.00	27.77 -0.20 0.00	29.66 -0.24 0.00	30.50 -0.25 0.00	33.77 -0.24 0.00	36.85 -0.22 0.00	41.74 -0.21 0.00	50.15 0.00 0.00	63.22 0.00 0.00	74.57 0.22 0.00	77.19 0.46 0.00	68.88 0.14 0.00	57.01 -0.06 0.00	49.68 -0.10 0.00	43.57 -0.09 0.00
SYRACUSE___ENERGY_ST2 323598	35.06 0.04 0.00	29.97 0.09 0.00	27.59 0.16 0.00	25.69 0.13 0.00	25.27 0.05 0.00	25.84 0.13 0.00	25.87 0.05 0.00	26.11 -0.13 0.00	26.07 -0.29 0.00	26.11 -0.26 0.00	27.77 -0.20 0.00	29.66 -0.24 0.00	30.50 -0.25 0.00	33.77 -0.24 0.00	36.85 -0.22 0.00	41.74 -0.21 0.00	50.15 0.00 0.00	63.22 0.00 0.00	74.57 0.22 0.00	77.19 0.46 0.00	68.88 0.14 0.00	57.01 -0.06 0.00	49.68 -0.10 0.00	43.57 -0.09 0.00
SYRACUSE___POWER 24017	34.99 -0.04 0.00	29.91 0.03 0.00	27.53 0.11 0.00	25.67 0.10 0.00	25.24 0.03 0.00	25.79 0.08 0.00	25.82 0.00 0.00	26.06 -0.18 0.00	26.02 -0.34 0.00	26.06 -0.32 0.00	27.71 -0.25 0.00	29.60 -0.30 0.00	30.44 -0.31 0.00	33.70 -0.31 0.00	36.74 -0.33 0.00	41.61 -0.34 0.00	50.00 -0.15 0.00	63.09 -0.13 0.00	74.42 0.07 0.00	76.96 0.23 0.00	68.75 0.00 0.00	56.84 -0.23 0.00	49.58 -0.20 0.00	43.44 -0.22 0.00
TALLMAN_138KV_BK151 55660	36.39 1.37 0.00	31.28 1.40 0.00	28.57 1.15 0.00	26.61 1.05 0.00	26.30 1.08 0.00	26.77 1.05 0.00	27.05 1.24 0.00	27.47 1.23 0.00	27.44 1.08 0.00	27.51 1.13 0.00	29.16 1.20 0.00	31.34 1.44 0.00	32.31 1.57 0.00	35.71 1.70 0.00	38.92 1.85 0.00	43.96 2.01 0.00	52.11 1.96 0.00	65.24 2.02 0.00	76.43 2.08 0.00	78.72 1.99 0.00	70.33 1.58 0.00	58.32 1.26 0.00	50.93 1.15 0.00	44.71 1.05 0.00
TEALLAVE_115KV_TB7 355573	34.89 -0.14 0.00	29.85 -0.03 0.00	27.48 0.05 0.00	25.59 0.03 0.00	25.19 -0.03 0.00	25.74 0.03 0.00	25.76 -0.05 0.00	26.00 -0.24 0.00	25.97 -0.40 0.00	26.00 -0.37 0.00	27.65 -0.31 0.00	29.54 -0.36 0.00	30.38 -0.37 0.00	33.60 -0.41 0.00	36.59 -0.48 0.00	41.44 -0.50 0.00	49.80 -0.35 0.00	62.77 -0.44 0.00	74.05 -0.30 0.00	76.57 -0.15 0.00	68.40 -0.34 0.00	56.55 -0.51 0.00	49.33 -0.45 0.00	43.22 -0.44 0.00
TELGRAPH_34_KV_EAST 80808	35.24 0.21 0.00	30.59 0.72 0.00	28.25 0.82 0.00	26.18 0.61 0.00	25.67 0.45 0.00	26.23 0.51 0.00	25.92 0.10 0.00	25.35 -0.89 0.00	25.12 -1.24 0.00	24.97 -1.40 0.00	27.18 -0.78 0.00	29.40 -0.51 0.00	30.38 -0.37 0.00	33.70 -0.31 0.00	36.81 -0.26 0.00	41.61 -0.34 0.00	50.85 0.70 0.00	64.10 0.89 0.00	75.01 0.67 0.00	77.34 0.61 0.00	68.75 0.00 0.00	56.27 -0.80 0.00	49.58 -0.20 0.00	44.40 0.74 0.00
TEMPLE___115KV_TB 2 55572	34.92 -0.11 0.00	29.85 -0.03 0.00	27.48 0.05 0.00	25.62 0.05 0.00	25.19 -0.03 0.00	25.74 0.03 0.00	25.76 -0.05 0.00	26.00 -0.24 0.00	25.99 -0.37 0.00	26.00 -0.37 0.00	27.65 -0.31 0.00	29.57 -0.33 0.00	30.38 -0.37 0.00	33.63 -0.37 0.00	36.62 -0.44 0.00	41.48 -0.46 0.00	49.85 -0.30 0.00	62.84 -0.38 0.00	74.12 -0.22 0.00	76.65 -0.08 0.00	68.47 -0.27 0.00	56.61 -0.46 0.00	49.38 -0.40 0.00	43.27 -0.39 0.00
TIANA____69_KV_BK 1 55817	38.18 3.15 0.00	32.48 2.60 0.00	29.67 2.25 0.00	27.43 1.87 0.00	27.06 1.84 0.00	27.44 1.72 0.00	27.54 1.73 0.00	28.18 1.94 0.00	28.05 1.69 0.00	28.64 2.27 0.00	30.67 2.71 0.00	33.40 3.08 -0.42	36.72 3.32 -2.65	44.64 3.71 -6.93	45.63 4.08 -4.49	47.64 4.70 -0.99	55.47 5.32 0.00	69.35 6.13 0.00	80.74 6.39 0.00	82.48 5.75 0.00	73.08 4.33 0.00	60.66 3.60 0.00	51.97 2.19 0.00	46.24 2.58 0.00

TILDEN___115KV_TB1 80814	34.99 -0.04 0.00	29.91 0.03 0.00	27.53 0.11 0.00	25.67 0.10 0.00	25.24 0.03 0.00	25.79 0.08 0.00	25.82 0.00 0.00	26.06 -0.18 0.00	26.02 -0.34 0.00	26.06 -0.32 0.00	27.71 -0.25 0.00	29.60 -0.30 0.00	30.44 -0.31 0.00	33.70 -0.31 0.00	36.74 -0.33 0.00	41.61 -0.34 0.00	50.00 -0.15 0.00	63.09 -0.13 0.00	74.42 0.07 0.00	76.96 0.23 0.00	68.75 0.00 0.00	56.84 -0.23 0.00	49.58 -0.20 0.00	43.44 -0.22 0.00
TRIGEN___CC 323695	37.30 2.28 0.00	31.85 1.97 0.00	29.10 1.67 0.00	27.00 1.43 0.00	26.65 1.44 0.00	27.08 1.36 0.00	27.26 1.45 0.00	27.79 1.55 0.00	27.71 1.34 0.00	28.03 1.66 0.00	29.81 1.85 0.00	32.42 2.09 -0.42	35.64 2.24 -2.65	43.35 2.41 -6.93	44.19 2.63 -4.49	45.79 2.85 -0.99	53.21 3.06 0.00	66.57 3.35 0.00	77.76 3.42 0.00	79.80 3.07 0.00	71.08 2.34 0.00	59.06 2.00 0.00	51.18 1.39 0.00	45.32 1.66 0.00
TRINITY___115KV___4 BK 55933	35.59 0.56 0.00	30.56 0.69 0.00	28.22 0.80 0.00	26.28 0.72 0.00	25.95 0.73 0.00	26.43 0.72 0.00	26.64 0.83 0.00	27.00 0.76 0.00	26.76 0.40 0.00	26.72 0.34 0.00	28.24 0.28 0.00	30.20 0.30 0.00	31.11 0.37 0.00	34.35 0.34 0.00	37.48 0.41 0.00	42.20 0.25 0.00	50.50 0.35 0.00	63.79 0.57 0.00	74.94 0.59 0.00	77.34 0.61 0.00	69.23 0.48 0.00	57.52 0.46 0.00	50.18 0.40 0.00	43.88 0.22 0.00
UNION___PROCESSING_DRP 323587	35.31 0.28 0.00	30.27 0.39 0.00	27.89 0.47 0.00	25.87 0.31 0.00	25.47 0.25 0.00	26.00 0.28 0.00	25.89 0.08 0.00	25.85 -0.39 0.00	25.73 -0.63 0.00	25.71 -0.66 0.00	27.65 -0.31 0.00	29.75 -0.15 0.00	30.65 -0.09 0.00	34.04 0.03 0.00	37.18 0.11 0.00	42.11 0.17 0.00	51.00 0.85 0.00	64.42 1.20 0.00	75.68 1.34 0.00	78.11 1.38 0.00	69.57 0.82 0.00	57.24 0.17 0.00	50.08 0.30 0.00	44.23 0.57 0.00
UPPER HUDSON___HYD 24058	36.39 1.36 0.00	31.13 1.25 0.00	28.57 1.15 0.00	26.61 1.05 0.00	26.23 1.01 0.00	26.79 1.08 0.00	26.95 1.13 0.00	27.16 0.92 0.00	26.92 0.55 0.00	26.79 0.42 0.00	28.13 0.17 0.00	30.05 0.15 0.00	30.99 0.24 0.00	34.28 0.27 0.00	37.48 0.41 0.00	42.45 0.51 0.00	50.95 0.80 0.00	64.86 1.64 0.00	77.39 3.05 0.00	79.95 3.22 0.00	71.98 3.23 0.00	59.57 2.51 0.00	51.82 2.04 0.00	45.19 1.53 0.00
UPPER RAQUET___HYD 24056	34.96 -0.07 0.00	29.52 -0.36 0.00	27.10 -0.33 0.00	25.39 -0.18 0.00	25.04 -0.18 0.00	25.53 -0.18 0.00	25.48 -0.34 0.00	26.08 -0.16 0.00	26.63 0.26 0.00	26.66 0.29 0.00	28.24 0.28 0.00	30.20 0.30 0.00	30.99 0.24 0.00	34.31 0.31 0.00	37.36 0.30 0.00	42.45 0.51 0.00	50.45 0.30 0.00	63.98 0.76 0.00	74.87 0.52 0.00	78.26 1.53 0.00	70.12 1.37 0.00	64.74 1.66 -6.01	60.31 1.49 -9.03	53.00 1.53 -7.81
VALLEY44_115KV_TB2 355964	34.19 -0.84 0.00	29.73 -0.15 0.00	27.34 -0.08 0.00	25.44 -0.13 0.00	24.86 -0.35 0.00	25.46 -0.26 0.00	25.20 -0.62 0.00	24.90 -1.34 0.00	24.70 -1.66 0.00	24.66 -1.71 0.00	26.73 -1.23 0.00	28.95 -0.96 0.00	29.88 -0.86 0.00	33.12 -0.88 0.00	36.11 -0.96 0.00	40.94 -1.01 0.00	49.85 -0.30 0.00	62.77 -0.44 0.00	73.45 -0.89 0.00	75.88 -0.84 0.00	67.51 -1.24 0.00	55.18 -1.88 0.00	48.59 -1.19 0.00	42.88 -0.79 0.00
VALLEY___115KV_TB 1-4 80826	34.78 -0.25 0.00	29.73 -0.15 0.00	27.29 -0.14 0.00	25.41 -0.15 0.00	25.11 -0.10 0.00	25.61 -0.10 0.00	25.71 -0.10 0.00	26.08 -0.16 0.00	26.13 -0.24 0.00	26.11 -0.26 0.00	27.65 -0.31 0.00	29.57 -0.33 0.00	30.44 -0.31 0.00	33.70 -0.31 0.00	36.70 -0.37 0.00	41.57 -0.38 0.00	49.70 -0.45 0.00	62.58 -0.63 0.00	73.82 -0.52 0.00	76.34 -0.38 0.00	68.40 -0.34 0.00	56.89 -0.17 0.00	49.53 -0.25 0.00	43.40 -0.26 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	36.32 1.30 0.00	31.10 1.22 0.00	28.52 1.10 0.00	26.56 1.00 0.00	26.22 1.01 0.00	26.77 1.05 0.00	26.85 1.03 0.00	27.08 0.84 0.00	27.00 0.63 0.00	26.95 0.58 0.00	28.58 0.62 0.00	30.68 0.78 0.00	31.67 0.92 0.00	35.13 1.12 0.00	38.29 1.22 0.00	43.50 1.55 0.00	52.11 1.96 0.00	65.49 2.28 0.00	77.54 3.20 0.00	80.26 3.53 0.00	71.70 2.96 0.00	59.35 2.28 0.00	51.67 1.89 0.00	45.23 1.57 0.00
VISCHER___FERRY HYD 24020	36.22 1.19 0.00	31.07 1.20 0.00	28.52 1.10 0.00	26.59 1.02 0.00	26.25 1.03 0.00	26.74 1.03 0.00	26.92 1.11 0.00	27.32 1.08 0.00	27.13 0.77 0.00	27.00 0.63 0.00	28.61 0.64 0.00	30.56 0.66 0.00	31.48 0.74 0.00	34.72 0.72 0.00	37.88 0.81 0.00	42.78 0.84 0.00	51.25 1.10 0.00	64.92 1.71 0.00	76.35 2.01 0.00	78.65 1.92 0.00	70.67 1.92 0.00	58.66 1.60 0.00	51.13 1.34 0.00	44.71 1.05 0.00
V_A_10_SYNC_DSASP 323832	34.96 -0.07 0.00	30.09 0.21 0.00	27.78 0.36 0.00	25.80 0.23 0.00	25.29 0.08 0.00	25.82 0.10 0.00	25.58 -0.23 0.00	25.24 -1.00 0.00	25.05 -1.32 0.00	24.95 -1.42 0.00	27.04 -0.92 0.00	29.22 -0.69 0.00	30.13 -0.61 0.00	33.39 -0.61 0.00	36.44 -0.63 0.00	41.15 -0.80 0.00	50.20 0.05 0.00	63.15 -0.06 0.00	73.75 -0.59 0.00	76.04 -0.69 0.00	67.58 -1.17 0.00	55.41 -1.65 0.00	48.89 -0.90 0.00	43.49 -0.17 0.00
V_CMM_10_SYNC_DSASP 323787	34.57 -0.46 0.00	29.25 -0.63 0.00	26.85 -0.58 0.00	25.11 -0.46 0.00	24.76 -0.45 0.00	25.25 -0.46 0.00	25.25 -0.57 0.00	25.90 -0.34 0.00	26.34 -0.03 0.00	26.40 0.03 0.00	27.96 0.00 0.00	29.90 0.00 0.00	30.68 -0.06 0.00	33.94 -0.07 0.00	36.99 -0.07 0.00	41.95 0.00 0.00	49.85 -0.30 0.00	63.09 -0.13 0.00	73.83 -0.52 0.00	76.73 0.00 0.00	68.68 -0.07 0.00	56.32 0.23 0.98	48.62 0.30 1.47	42.92 0.53 1.27
V_CMP_10_SYNC_DSASP 323788	34.57 -0.46 0.00	29.22 -0.66 0.00	26.87 -0.55 0.00	25.18 -0.38 0.00	24.84 -0.38 0.00	25.30 -0.41 0.00	25.27 -0.54 0.00	25.98 -0.26 0.00	26.47 0.11 0.00	26.56 0.19 0.00	28.16 0.20 0.00	30.11 0.21 0.00	30.87 0.12 0.00	34.18 0.17 0.00	37.22 0.15 0.00	42.24 0.30 0.00	49.60 -0.55 0.00	62.71 -0.51 0.00	73.53 -0.82 0.00	76.73 0.00 0.00	68.61 -0.14 0.00	57.01 -0.06 0.00	49.98 0.20 0.00	44.45 0.79 0.00
V_D_10_SYNC_DSASP 323841	34.78 -0.24 0.00	29.43 -0.45 0.00	27.01 -0.41 0.00	25.29 -0.28 0.00	24.94 -0.28 0.00	25.43 -0.28 0.00	25.40 -0.41 0.00	26.06 -0.18 0.00	26.57 0.21 0.00	26.64 0.26 0.00	28.21 0.25 0.00	30.17 0.27 0.00	30.96 0.22 0.00	34.28 0.27 0.00	37.33 0.26 0.00	42.36 0.42 0.00	50.30 0.15 0.00	63.78 0.57 0.00	74.34 0.00 0.00	77.49 0.77 0.00	69.36 0.62 0.00	66.91 0.97 -8.88	64.11 1.00 -13.33	56.29 1.09 -11.54
V_E_10_SYNC_DSASP 323830	37.58 2.56 0.00	32.15 2.27 0.00	29.56 2.14 0.00	27.53 1.97 0.00	27.16 1.94 0.00	27.77 2.06 0.00	27.70 1.88 0.00	27.68 1.44 0.00	27.34 0.98 0.00	27.16 0.79 0.00	28.66 0.70 0.00	30.80 0.90 0.00	31.85 1.11 0.00	35.50 1.49 0.00	38.77 1.71 0.00	44.34 2.39 0.00	53.66 3.51 0.00	67.71 4.49 0.00	81.48 7.14 0.00	84.94 8.21 0.00	75.83 7.08 0.00	62.72 5.65 0.00	54.27 4.48 0.00	47.24 3.58 0.00

V_F_30_NSYNC___DSASP 323816	36.57 1.54 0.00	31.31 1.43 0.00	28.77 1.34 0.00	26.79 1.23 0.00	26.43 1.21 0.00	26.95 1.23 0.00	27.11 1.29 0.00	27.39 1.15 0.00	27.15 0.79 0.00	27.03 0.66 0.00	28.58 0.61 0.00	30.53 0.63 0.00	31.48 0.74 0.00	34.79 0.78 0.00	38.03 0.96 0.00	43.03 1.09 0.00	51.61 1.46 0.00	65.49 2.27 0.00	77.47 3.12 0.00	79.95 3.22 0.00	71.84 3.10 0.00	59.57 2.51 0.00	51.87 2.09 0.00	45.32 1.66 0.00
V_F_30_SYNC_DSASP 323786	35.69 0.67 0.00	30.65 0.78 0.00	28.30 0.88 0.00	26.36 0.79 0.00	26.02 0.81 0.00	26.54 0.82 0.00	26.72 0.90 0.00	27.05 0.81 0.00	26.79 0.42 0.00	26.74 0.37 0.00	28.30 0.34 0.00	30.26 0.36 0.00	31.21 0.46 0.00	34.45 0.44 0.00	37.62 0.56 0.00	42.41 0.46 0.00	50.70 0.55 0.00	64.04 0.82 0.00	75.31 0.97 0.00	77.72 1.00 0.00	69.57 0.82 0.00	57.81 0.74 0.00	50.43 0.65 0.00	44.10 0.44 0.00
V_XM_10_SYNC_DSASP 323789	34.57 -0.46 0.00	29.22 -0.66 0.00	26.87 -0.55 0.00	25.18 -0.38 0.00	24.84 -0.38 0.00	25.30 -0.41 0.00	25.27 -0.54 0.00	25.98 -0.26 0.00	26.47 0.11 0.00	26.56 0.19 0.00	28.16 0.20 0.00	30.11 0.21 0.00	30.87 0.12 0.00	34.18 0.17 0.00	37.22 0.15 0.00	42.24 0.30 0.00	49.60 -0.55 0.00	62.71 -0.51 0.00	73.53 -0.82 0.00	76.73 0.00 0.00	68.61 -0.14 0.00	57.01 -0.06 0.00	49.98 0.20 0.00	44.45 0.79 0.00
W.BABYLN_69_KV_BK1 56697	38.07 3.05 0.00	32.42 2.54 0.00	29.62 2.19 0.00	27.41 1.84 0.00	27.03 1.82 0.00	27.44 1.72 0.00	27.57 1.76 0.00	28.15 1.92 0.00	28.00 1.63 0.00	28.48 2.11 0.00	30.39 2.43 0.00	33.10 2.78 -0.42	36.35 2.95 -2.65	44.17 3.23 -6.93	45.08 3.52 -4.49	46.88 3.94 -0.99	54.36 4.21 0.00	67.89 4.68 0.00	79.18 4.83 0.00	81.18 4.45 0.00	72.18 3.44 0.00	60.15 3.08 0.00	51.77 1.99 0.00	46.15 2.49 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.53 1.51 0.00	31.40 1.52 0.00	28.68 1.26 0.00	26.72 1.15 0.00	26.40 1.19 0.00	26.87 1.16 0.00	27.13 1.32 0.00	27.55 1.31 0.00	27.52 1.16 0.00	27.59 1.21 0.00	29.25 1.29 0.00	31.43 1.53 0.00	32.44 1.69 0.00	35.84 1.84 0.00	39.07 2.00 0.00	44.13 2.18 0.00	52.36 2.21 0.00	65.49 2.28 0.00	76.80 2.45 0.00	79.10 2.38 0.00	70.67 1.92 0.00	58.61 1.54 0.00	51.18 1.39 0.00	44.88 1.22 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.81 1.79 0.00	31.61 1.73 0.00	28.88 1.45 0.00	26.87 1.30 0.00	26.60 1.39 0.00	27.05 1.34 0.00	27.36 1.55 0.00	27.81 1.57 0.00	27.84 1.48 0.00	27.93 1.56 0.00	29.56 1.59 0.00	31.79 1.88 0.00	32.78 2.03 0.00	36.25 2.24 0.00	39.48 2.41 0.00	44.55 2.60 0.00	52.81 2.66 0.00	65.87 2.66 0.00	77.09 2.75 0.00	79.33 2.61 0.00	70.88 2.13 0.00	58.72 1.65 0.00	51.43 1.64 0.00	45.10 1.44 0.00
W50THST__13_KV_LOAD 356117	36.99 1.96 0.00	31.73 1.85 0.00	29.01 1.59 0.00	27.00 1.43 0.00	26.70 1.49 0.00	27.18 1.47 0.00	27.49 1.68 0.00	27.94 1.71 0.00	27.97 1.61 0.00	28.09 1.71 0.00	29.72 1.76 0.00	31.97 2.06 0.00	32.96 2.21 0.00	36.42 2.41 0.00	39.70 2.63 0.00	44.80 2.85 0.00	53.16 3.01 0.00	66.25 3.03 0.00	77.54 3.20 0.00	79.80 3.07 0.00	71.29 2.54 0.00	59.01 1.94 0.00	51.67 1.89 0.00	45.32 1.66 0.00
WADING RIVER_IC_1 23522	37.38 2.35 -0.01	31.82 1.94 0.00	29.15 1.73 0.00	26.89 1.33 0.00	26.53 1.31 0.00	26.92 1.21 0.00	27.03 1.21 0.00	27.63 1.39 0.00	27.45 1.08 0.00	27.98 1.61 0.00	29.93 1.96 -0.01	32.57 2.24 -0.42	35.86 2.46 -2.65	43.66 2.72 -6.93	44.56 3.00 -4.49	46.34 3.40 -0.99	52.81 2.66 -0.01	65.94 2.72 -0.01	76.35 2.01 0.00	77.49 0.77 0.00	69.29 0.55 0.00	57.64 0.57 0.00	49.44 -0.35 0.00	44.71 1.05 0.00
WADING RIVER_IC_2 23547	37.38 2.35 -0.01	31.82 1.94 0.00	29.15 1.73 0.00	26.89 1.33 0.00	26.53 1.31 0.00	26.92 1.21 0.00	27.03 1.21 0.00	27.63 1.39 0.00	27.45 1.08 0.00	27.98 1.61 0.00	29.93 1.96 -0.01	32.57 2.24 -0.42	35.86 2.46 -2.65	43.66 2.72 -6.93	44.56 3.00 -4.49	46.34 3.40 -0.99	52.81 2.66 -0.01	65.94 2.72 -0.01	76.35 2.01 0.00	77.49 0.77 0.00	69.29 0.55 0.00	57.64 0.57 0.00	49.44 -0.35 0.00	44.71 1.05 0.00
WADING RIVER_IC_3 23601	37.38 2.35 -0.01	31.82 1.94 0.00	29.15 1.73 0.00	26.89 1.33 0.00	26.53 1.31 0.00	26.92 1.21 0.00	27.03 1.21 0.00	27.63 1.39 0.00	27.45 1.08 0.00	27.98 1.61 0.00	29.93 1.96 -0.01	32.57 2.24 -0.42	35.86 2.46 -2.65	43.66 2.72 -6.93	44.56 3.00 -4.49	46.34 3.40 -0.99	52.81 2.66 -0.01	65.94 2.72 -0.01	76.35 2.01 0.00	77.49 0.77 0.00	69.29 0.55 0.00	57.64 0.57 0.00	49.44 -0.35 0.00	44.71 1.05 0.00
WALDENNY_12_KV_BK2 80841	35.13 0.11 0.00	30.45 0.57 0.00	28.11 0.69 0.00	26.08 0.51 0.00	25.52 0.30 0.00	26.13 0.41 0.00	25.79 -0.03 0.00	25.32 -0.92 0.00	25.12 -1.24 0.00	25.03 -1.34 0.00	27.23 -0.73 0.00	29.51 -0.39 0.00	30.50 -0.25 0.00	33.87 -0.14 0.00	36.92 -0.15 0.00	41.74 -0.21 0.00	51.05 0.90 0.00	64.23 1.01 0.00	74.94 0.59 0.00	77.26 0.54 0.00	68.61 -0.14 0.00	56.10 -0.97 0.00	49.63 -0.15 0.00	44.10 0.44 0.00
WALDEN__HYDRO 24148	36.36 1.33 0.00	31.22 1.34 0.00	28.55 1.12 0.00	26.56 1.00 0.00	26.27 1.06 0.00	26.72 1.00 0.00	27.00 1.19 0.00	27.37 1.13 0.00	27.31 0.95 0.00	27.35 0.98 0.00	29.00 1.03 0.00	31.13 1.23 0.00	32.10 1.35 0.00	35.47 1.46 0.00	38.74 1.67 0.00	43.75 1.80 0.00	52.06 1.91 0.00	65.37 2.15 0.00	76.72 2.38 0.00	79.10 2.38 0.00	70.74 1.99 0.00	58.61 1.54 0.00	51.08 1.29 0.00	44.80 1.14 0.00
WARRENSBURG____ 23737	36.39 1.37 0.00	31.10 1.22 0.00	28.57 1.15 0.00	26.61 1.05 0.00	26.22 1.01 0.00	26.79 1.08 0.00	26.95 1.14 0.00	27.16 0.92 0.00	26.92 0.55 0.00	26.85 0.47 0.00	28.13 0.17 0.00	30.05 0.15 0.00	30.99 0.25 0.00	34.28 0.27 0.00	37.48 0.41 0.00	42.45 0.50 0.00	50.95 0.80 0.00	64.86 1.64 0.00	77.39 3.05 0.00	80.18 3.45 0.00	71.91 3.16 0.00	59.58 2.51 0.00	51.87 2.09 0.00	45.19 1.53 0.00
WATERSIDE____6 8 9 23538	36.99 1.96 0.00	31.73 1.85 0.00	29.01 1.59 0.00	27.00 1.43 0.00	26.70 1.49 0.00	27.13 1.41 0.00	27.44 1.63 0.00	27.87 1.63 0.00	27.89 1.53 0.00	28.03 1.66 0.00	29.67 1.71 0.00	31.91 2.00 0.00	32.93 2.18 0.00	36.39 2.38 0.00	39.63 2.56 0.00	44.71 2.77 0.00	52.66 2.51 0.00	65.43 2.21 0.00	76.57 2.23 0.00	78.80 2.07 0.00	70.40 1.65 0.00	58.32 1.26 0.00	51.33 1.54 0.00	45.32 1.66 0.00
WATKINRD_115KV_LN8_ILLION 55919	34.89 -0.14 0.00	29.79 -0.09 0.00	27.37 -0.05 0.00	25.49 -0.08 0.00	25.17 -0.05 0.00	25.66 -0.05 0.00	25.76 -0.05 0.00	26.16 -0.08 0.00	26.21 -0.16 0.00	26.19 -0.18 0.00	27.74 -0.22 0.00	29.66 -0.24 0.00	30.53 -0.22 0.00	33.77 -0.24 0.00	36.81 -0.26 0.00	41.65 -0.29 0.00	49.85 -0.30 0.00	62.77 -0.44 0.00	74.05 -0.30 0.00	76.50 -0.23 0.00	68.47 -0.27 0.00	56.89 -0.17 0.00	49.58 -0.20 0.00	43.44 -0.22 0.00

WDELAWARE___HYD 323627	36.22 1.19 0.00	31.07 1.20 0.00	28.41 0.99 0.00	26.41 0.84 0.00	26.10 0.88 0.00	26.56 0.85 0.00	26.80 0.98 0.00	27.16 0.92 0.00	27.10 0.74 0.00	27.08 0.71 0.00	28.74 0.78 0.00	30.86 0.96 0.00	31.85 1.11 0.00	35.27 1.26 0.00	38.48 1.41 0.00	43.58 1.63 0.00	51.95 1.80 0.00	65.30 2.08 0.00	76.72 2.38 0.00	78.87 2.15 0.00	70.81 2.06 0.00	58.61 1.54 0.00	50.98 1.19 0.00	44.67 1.00 0.00
WEST BABYLON___IC 23714	38.07 3.05 0.00	32.42 2.54 0.00	29.62 2.19 0.00	27.41 1.84 0.00	27.03 1.82 0.00	27.44 1.72 0.00	27.57 1.76 0.00	28.15 1.92 0.00	28.00 1.63 0.00	28.48 2.11 0.00	30.39 2.43 0.00	33.10 2.78 -0.42	36.35 2.95 -2.65	44.17 3.23 -6.93	45.08 3.52 -4.49	46.88 3.94 -0.99	54.36 4.21 0.00	67.89 4.68 0.00	79.18 4.83 0.00	81.18 4.45 0.00	72.18 3.44 0.00	60.15 3.08 0.00	51.77 1.99 0.00	46.15 2.49 0.00
WEST CANADA___HYD 24049	35.13 0.11 0.00	30.03 0.15 0.00	27.56 0.14 0.00	25.69 0.13 0.00	25.34 0.13 0.00	25.84 0.13 0.00	25.97 0.16 0.00	26.34 0.11 0.00	26.39 0.03 0.00	26.37 0.00 0.00	27.96 0.00 0.00	29.90 0.00 0.00	30.75 0.00 0.00	34.04 0.03 0.00	37.11 0.04 0.00	41.99 0.04 0.00	50.20 0.05 0.00	63.28 0.06 0.00	74.49 0.15 0.00	76.80 0.08 0.00	68.81 0.07 0.00	57.12 0.06 0.00	49.78 0.00 0.00	43.66 0.00 0.00
WESTERN_NY_WIND 24143	35.69 0.67 0.00	30.92 1.05 0.00	28.52 1.10 0.00	26.41 0.84 0.00	25.95 0.73 0.00	26.51 0.80 0.00	26.20 0.39 0.00	25.69 -0.55 0.00	25.44 -0.92 0.00	25.29 -1.08 0.00	27.49 -0.48 0.00	29.72 -0.18 0.00	30.68 -0.06 0.00	34.11 0.10 0.00	37.29 0.22 0.00	42.16 0.21 0.00	51.55 1.40 0.00	65.18 1.96 0.00	76.43 2.08 0.00	78.95 2.23 0.00	70.12 1.37 0.00	57.41 0.34 0.00	50.48 0.70 0.00	45.06 1.40 0.00
WESTOVER___LESR 323668	35.31 0.28 0.00	30.27 0.39 0.00	27.81 0.38 0.00	25.92 0.36 0.00	25.47 0.25 0.00	26.05 0.33 0.00	26.02 0.21 0.00	26.16 -0.08 0.00	26.07 -0.29 0.00	26.06 -0.32 0.00	27.79 -0.17 0.00	29.84 -0.06 0.00	30.72 -0.03 0.00	34.04 0.03 0.00	37.14 0.07 0.00	42.07 0.13 0.00	50.65 0.50 0.00	63.85 0.63 0.00	75.24 0.89 0.00	77.88 1.15 0.00	69.50 0.76 0.00	57.35 0.29 0.00	50.08 0.30 0.00	43.92 0.26 0.00
WETHRSFD_WT_PWR 323626	35.20 0.18 0.00	30.35 0.48 0.00	28.03 0.60 0.00	26.00 0.43 0.00	25.44 0.23 0.00	26.02 0.31 0.00	25.76 -0.05 0.00	25.35 -0.89 0.00	25.15 -1.21 0.00	25.24 -1.13 0.00	26.98 -0.98 0.00	29.16 -0.75 0.00	30.13 -0.61 0.00	33.43 -0.58 0.00	36.47 -0.59 0.00	41.27 -0.67 0.00	50.45 0.30 0.00	63.47 0.25 0.00	75.09 0.74 0.00	77.57 0.85 0.00	69.02 0.28 0.00	56.90 -0.17 0.00	49.78 0.00 0.00	43.97 0.31 0.00
WHAVSTOR_138KV_BK127 55557	36.39 1.37 0.00	31.25 1.37 0.00	28.57 1.15 0.00	26.61 1.05 0.00	26.30 1.08 0.00	26.77 1.05 0.00	27.03 1.21 0.00	27.45 1.21 0.00	27.44 1.08 0.00	27.51 1.13 0.00	29.14 1.17 0.00	31.31 1.41 0.00	32.28 1.54 0.00	35.67 1.67 0.00	38.89 1.82 0.00	43.92 1.97 0.00	52.01 1.86 0.00	65.05 1.83 0.00	76.28 1.93 0.00	78.57 1.84 0.00	70.19 1.44 0.00	58.21 1.14 0.00	50.88 1.10 0.00	44.62 0.96 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.39 1.37 0.00	31.25 1.37 0.00	28.57 1.15 0.00	26.61 1.05 0.00	26.30 1.08 0.00	26.77 1.05 0.00	27.03 1.21 0.00	27.45 1.21 0.00	27.44 1.08 0.00	27.51 1.13 0.00	29.14 1.17 0.00	31.31 1.41 0.00	32.28 1.54 0.00	35.67 1.67 0.00	38.89 1.82 0.00	43.92 1.97 0.00	52.01 1.86 0.00	65.05 1.83 0.00	76.28 1.93 0.00	78.57 1.84 0.00	70.19 1.44 0.00	58.21 1.14 0.00	50.88 1.10 0.00	44.62 0.96 0.00
WHITEHAL_115KV_TB1 80871	36.74 1.72 0.00	31.40 1.52 0.00	28.85 1.43 0.00	26.84 1.28 0.00	26.45 1.24 0.00	27.03 1.31 0.00	27.18 1.37 0.00	27.34 1.10 0.00	27.02 0.66 0.00	26.93 0.55 0.00	28.24 0.28 0.00	30.17 0.27 0.00	31.15 0.40 0.00	34.45 0.44 0.00	37.74 0.67 0.00	42.78 0.84 0.00	51.45 1.30 0.00	65.75 2.53 0.00	78.58 4.24 0.00	81.56 4.83 0.00	73.15 4.40 0.00	60.55 3.48 0.00	52.67 2.89 0.00	45.80 2.14 0.00
WHITEPLN_13_KV_LOAD 356215	36.95 1.93 0.00	31.70 1.82 0.00	28.99 1.56 0.00	26.97 1.41 0.00	26.65 1.44 0.00	27.10 1.39 0.00	27.39 1.57 0.00	27.81 1.57 0.00	27.84 1.48 0.00	27.90 1.53 0.00	29.56 1.59 0.00	31.76 1.85 0.00	32.78 2.03 0.00	36.25 2.24 0.00	39.52 2.45 0.00	44.63 2.68 0.00	52.96 2.81 0.00	66.25 3.03 0.00	77.69 3.35 0.00	79.95 3.22 0.00	71.36 2.61 0.00	59.23 2.17 0.00	51.72 1.94 0.00	45.36 1.70 0.00
WM_FLOYD_69_KV_BK2 356380	37.69 2.66 0.00	32.06 2.18 0.00	29.32 1.89 0.00	27.15 1.59 0.00	26.78 1.56 0.00	27.15 1.44 0.00	27.26 1.45 0.00	27.87 1.63 0.00	27.71 1.34 0.00	28.22 1.85 0.00	30.14 2.18 0.00	32.80 2.48 -0.42	36.11 2.71 -2.65	43.89 2.96 -6.93	44.78 3.22 -4.49	46.59 3.65 -0.99	54.11 3.96 0.00	67.64 4.43 0.00	78.88 4.53 0.00	80.79 4.07 0.00	71.77 3.02 0.00	59.69 2.63 0.00	51.23 1.44 0.00	45.63 1.96 0.00
WOODARD___115KV_TB2 355635	34.85 -0.18 0.00	29.79 -0.09 0.00	27.42 0.00 0.00	25.54 -0.03 0.00	25.14 -0.08 0.00	25.69 -0.03 0.00	25.71 -0.10 0.00	25.98 -0.26 0.00	25.97 -0.40 0.00	25.98 -0.40 0.00	27.63 -0.34 0.00	29.51 -0.39 0.00	30.32 -0.43 0.00	33.56 -0.44 0.00	36.59 -0.48 0.00	41.44 -0.50 0.00	49.75 -0.40 0.00	62.71 -0.51 0.00	73.97 -0.37 0.00	76.50 -0.23 0.00	68.33 -0.41 0.00	56.50 -0.57 0.00	49.29 -0.50 0.00	43.22 -0.44 0.00
WOODMERE_69_KV_BK1 55827	37.76 2.73 0.00	32.24 2.36 0.00	29.45 2.03 0.00	27.30 1.74 0.00	26.93 1.71 0.00	27.36 1.65 0.00	27.52 1.70 0.00	28.05 1.81 0.00	27.97 1.61 0.00	28.35 1.98 0.00	30.17 2.21 0.00	32.83 2.51 -0.42	36.11 2.71 -2.65	43.89 2.96 -6.93	44.82 3.26 -4.49	46.50 3.57 -0.99	54.11 3.96 0.00	67.77 4.55 0.00	79.18 4.83 0.00	81.18 4.45 0.00	72.32 3.57 0.00	60.03 2.97 0.00	51.97 2.19 0.00	46.02 2.36 0.00
YORK___WARBASSE 23770	37.23 2.21 0.00	31.91 2.03 0.00	29.18 1.76 0.00	27.15 1.59 0.00	26.85 1.64 0.00	27.23 1.52 0.00	27.52 1.70 0.00	27.89 1.65 0.00	27.89 1.53 0.00	28.09 1.71 0.00	29.72 1.76 0.00	32.00 2.09 0.00	32.96 2.21 0.00	36.45 2.45 0.00	39.66 2.59 0.00	44.76 2.81 0.00	52.66 2.51 0.00	65.43 2.21 0.00	76.65 2.30 0.00	78.87 2.15 0.00	70.46 1.72 0.00	58.38 1.31 0.00	51.43 1.64 0.00	45.45 1.79 0.00