

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion								12/05/2023		
Generator Data																												
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1	24138	32.41	30.85	29.67	29.32	30.06	31.69	40.45	44.42	42.10	40.79	45.66	42.05	40.98	41.02	42.82	46.23	52.31	68.92	62.80	51.37	46.97	42.59	38.38	37.18			
		1.40	1.16	1.14	1.07	1.04	1.39	2.93	3.37	3.33	3.26	3.62	3.44	3.28	3.25	3.50	3.74	5.00	5.27	5.00	4.75	3.88	3.66	3.30	3.04			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-14.87	-11.55	-0.54	0.00	0.00	0.00	0.00			
74TH STREET_GT_1	24260	32.44	30.88	29.67	29.35	30.09	31.69	40.45	44.34	42.02	40.76	45.58	42.01	40.94	40.98	42.74	46.27	52.32	69.28	63.10	51.43	46.97	42.60	38.38	37.22			
		1.43	1.19	1.14	1.10	1.07	1.39	2.93	3.28	3.26	3.23	3.53	3.40	3.24	3.21	3.42	3.78	5.00	5.37	5.09	4.79	3.88	3.66	3.30	3.07			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.01	-15.14	-11.75	-0.54	0.00	0.00	0.00	0.00			
74TH STREET_GT_2	24261	32.44	30.88	29.67	29.35	30.09	31.69	40.45	44.34	42.02	40.76	45.58	42.01	40.94	40.98	42.74	46.27	52.32	69.28	63.10	51.43	46.97	42.60	38.38	37.22			
		1.43	1.19	1.14	1.10	1.07	1.39	2.93	3.28	3.26	3.23	3.53	3.40	3.24	3.21	3.42	3.78	5.00	5.37	5.09	4.79	3.88	3.66	3.30	3.07			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.01	-15.14	-11.75	-0.54	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS	24011	32.31	30.88	29.64	29.43	30.23	31.84	39.93	43.89	41.25	39.82	44.74	40.85	39.85	39.85	41.45	44.83	50.90	72.70	65.15	49.86	45.76	41.54	37.33	36.33			
		1.30	1.19	1.11	1.19	1.22	1.55	2.40	2.83	2.48	2.29	2.69	2.24	2.15	2.08	2.12	2.34	3.24	3.71	3.19	3.04	2.67	2.61	2.25	2.19			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.36	-20.22	-15.70	-0.73	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY	23798	32.34	30.91	29.67	29.46	30.29	31.90	40.08	44.05	41.41	39.97	44.87	40.97	39.92	39.89	41.52	44.91	51.04	72.90	65.33	49.95	45.85	41.66	37.36	36.40			
		1.33	1.22	1.14	1.21	1.28	1.60	2.55	3.00	2.64	2.44	2.82	2.36	2.22	2.11	2.20	2.42	3.38	3.85	3.33	3.14	2.76	2.72	2.28	2.25			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.36	-20.28	-15.74	-0.73	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS	24028	32.31	30.88	29.64	29.43	30.23	31.84	39.93	43.89	41.25	39.82	44.74	40.85	39.85	39.85	41.45	44.83	50.90	72.70	65.15	49.86	45.76	41.54	37.33	36.33			
		1.30	1.19	1.11	1.19	1.22	1.55	2.40	2.83	2.48	2.29	2.69	2.24	2.15	2.08	2.12	2.34	3.24	3.71	3.19	3.04	2.67	2.61	2.25	2.19			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.36	-20.22	-15.70	-0.73	0.00	0.00	0.00	0.00			
ADK_NYS___DAM	23527	32.62	31.15	29.92	29.63	30.43	31.99	40.64	44.58	42.06	40.72	45.75	42.05	40.98	41.02	42.79	46.27	52.23	73.09	65.91	51.39	47.10	42.64	38.38	37.25			
		1.61	1.45	1.40	1.38	1.42	1.70	3.11	3.53	3.29	3.19	3.70	3.44	3.28	3.25	3.46	3.78	4.63	5.02	4.67	4.61	4.01	3.70	3.30	3.11			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.29	-19.29	-14.98	-0.69	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP	24190	31.29	29.90	28.73	28.44	29.22	30.66	37.82	41.38	39.04	37.79	42.68	39.35	38.42	38.49	39.99	43.30	48.73	69.65	62.59	47.86	44.04	39.87	36.07	34.93			
		0.28	0.21	0.20	0.20	0.20	0.36	0.30	0.33	0.27	0.26	0.63	0.73	0.72	0.72	0.67	0.81	1.11	1.27	1.11	1.06	0.95	0.93	0.98	0.79			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.31	-19.61	-15.22	-0.71	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK	355683	31.26	30.02	28.84	28.53	29.36	30.48	37.11	40.68	38.38	37.19	41.67	38.34	37.51	37.58	39.13	42.11	45.29	47.26	45.29	45.31	42.62	38.62	34.73	33.87			
		0.25	0.33	0.31	0.28	0.35	0.18	-0.41	-0.37	-0.39	-0.34	-0.38	-0.27	-0.19	-0.19	-0.20	-0.38	-1.02	-1.51	-0.97	-0.78	-0.47	-0.31	-0.35	-0.27			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY___1	23571	31.29	29.90	28.73	28.44	29.22	30.66	37.82	41.38	39.04	37.79	42.68	39.35	38.42	38.49	39.99	43.30	48.73	69.65	62.59	47.86	44.04	39.87	36.07	34.93			
		0.28	0.21	0.20	0.20	0.20	0.36	0.30	0.33	0.27	0.26	0.63	0.73	0.72	0.72	0.67	0.81	1.11	1.27	1.11	1.06	0.95	0.93	0.98	0.79			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.31	-19.61	-15.22	-0.71	0.00	0.00	0.00	0.00			
ALBANY___2	23572	31.29	29.90	28.73	28.44	29.22	30.66	37.82	41.38	39.04	37.79	42.68	39.35	38.42	38.49	39.99	43.30	48.73	69.65	62.59	47.86	44.04	39.87	36.07	34.93			
		0.28	0.21	0.20	0.20	0.20	0.36	0.30	0.33	0.27	0.26	0.63	0.73	0.72	0.72	0.67	0.81	1.11	1.27	1.11	1.06	0.95	0.93	0.98	0.79			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.31	-19.61	-15.22	-0.71	0.00	0.00	0.00	0.00			
ALBANY___3	23573	31.29	29.90	28.73	28.44	29.22	30.66	37.82	41.38	39.04	37.79	42.68	39.35	38.42	38.49	39.99	43.30	48.73	69.65	62.59	47.86	44.04	39.87	36.07	34.93			
		0.28	0.21	0.20	0.20	0.20	0.36	0.30	0.33	0.27	0.26	0.63	0.73	0.72	0.72	0.67	0.81	1.11	1.27	1.11	1.06	0.95	0.93	0.98	0.79			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.31	-19.61	-15.22	-0.71	0.00	0.00	0.00	0.00			

ALBANY___4 23574	31.29 0.28 0.00	29.90 0.21 0.00	28.73 0.20 0.00	28.44 0.20 0.00	29.22 0.20 0.00	30.66 0.36 0.00	37.82 0.30 0.00	41.38 0.33 0.00	39.04 0.27 0.00	37.79 0.26 0.00	42.68 0.63 0.00	39.35 0.73 0.00	38.42 0.72 0.00	38.49 0.72 0.00	39.99 0.67 0.00	43.30 0.81 0.00	48.73 1.11 -1.31	69.65 1.27 -19.61	62.59 1.11 -15.22	47.86 1.06 -0.71	44.04 0.95 0.00	39.87 0.93 0.00	36.07 0.98 0.00	34.93 0.79 0.00
ALBANY___LFGE 323615	31.60 0.59 0.00	30.17 0.47 0.00	28.98 0.46 0.00	28.72 0.48 0.00	29.48 0.46 0.00	30.96 0.67 0.00	38.31 0.79 0.00	41.87 0.82 0.00	39.50 0.73 0.00	38.24 0.71 0.00	43.14 1.09 0.00	39.77 1.16 0.00	38.83 1.13 0.00	38.90 1.13 0.00	40.54 1.22 0.00	43.76 1.27 0.00	49.36 1.71 -1.33	70.59 1.90 -19.91	63.38 1.66 -15.46	48.42 1.61 -0.72	44.51 1.42 0.00	40.30 1.36 0.00	36.28 1.19 0.00	35.27 1.13 0.00
ALCOA_PA_115KV_PL-6C 55860	31.48 0.47 0.00	30.32 0.62 0.00	29.16 0.63 0.00	28.81 0.56 0.00	29.65 0.64 0.00	30.66 0.36 0.00	37.30 -0.23 0.00	40.93 -0.12 0.00	38.61 -0.16 0.00	37.38 -0.15 0.00	41.92 -0.13 0.00	38.61 0.00 0.00	37.78 0.08 0.00	37.85 0.08 0.00	39.40 0.08 0.00	42.32 -0.17 0.00	45.52 -0.79 0.00	47.21 -1.56 0.00	45.52 -0.74 0.00	45.49 -0.60 0.00	42.83 -0.26 0.00	38.86 -0.08 0.00	34.98 -0.11 0.00	34.11 -0.03 0.00
ALCOA_RYNLDS___DRP 24188	31.48 0.47 0.00	30.32 0.62 0.00	29.16 0.63 0.00	28.81 0.56 0.00	29.65 0.64 0.00	30.66 0.36 0.00	37.30 -0.23 0.00	40.93 -0.12 0.00	38.61 -0.16 0.00	37.38 -0.15 0.00	41.92 -0.13 0.00	38.61 0.00 0.00	37.78 0.08 0.00	37.85 0.08 0.00	39.40 0.08 0.00	42.32 -0.17 0.00	45.52 -0.79 0.00	47.21 -1.56 0.00	45.52 -0.74 0.00	45.49 -0.60 0.00	42.83 -0.26 0.00	38.86 -0.08 0.00	34.98 -0.11 0.00	34.11 -0.03 0.00
ALCOA___DSASP 323711	31.48 0.47 0.00	30.32 0.62 0.00	29.15 0.63 0.00	28.81 0.56 0.00	29.65 0.64 0.00	30.66 0.36 0.00	37.30 -0.22 0.00	40.93 -0.12 0.00	38.61 -0.15 0.00	37.38 -0.15 0.00	41.96 -0.08 0.00	38.61 0.00 0.00	37.78 0.08 0.00	37.85 0.08 0.00	39.40 0.08 0.00	42.32 -0.17 0.00	45.56 -0.74 0.00	47.21 -1.56 0.00	45.52 -0.74 0.00	45.49 -0.60 0.00	42.83 -0.26 0.00	38.86 -0.08 0.00	34.98 -0.10 0.00	34.11 -0.03 0.00
ALLEGHENY___COGEN 23514	32.25 1.24 0.00	30.94 1.25 0.00	29.61 1.08 0.00	29.38 1.13 0.00	30.23 1.22 0.00	31.72 1.42 0.00	40.75 3.23 0.00	44.09 3.04 0.00	41.79 3.03 0.00	40.35 2.82 0.00	44.70 2.65 0.00	40.39 1.78 0.00	39.44 1.74 0.00	39.62 1.85 0.00	41.01 1.69 0.00	44.53 2.04 0.00	49.21 2.73 -0.17	55.30 4.00 -2.53	50.86 2.64 -1.96	48.35 2.17 -0.09	44.90 1.81 0.00	40.18 1.25 0.00	36.17 1.09 0.00	35.58 1.43 0.00
ALTAMONT_115KV_TB 2 55880	31.76 0.74 0.00	30.35 0.65 0.00	29.16 0.63 0.00	28.87 0.62 0.00	29.65 0.64 0.00	31.12 0.82 0.00	38.54 1.01 0.00	42.16 1.11 0.00	39.78 1.01 0.00	38.51 0.98 0.00	43.31 1.26 0.00	39.85 1.24 0.00	38.91 1.21 0.00	38.94 1.17 0.00	40.58 1.26 0.00	43.89 1.40 0.00	49.47 1.85 -1.31	70.41 2.05 -19.58	63.27 1.80 -15.20	48.59 1.80 -0.70	44.64 1.55 0.00	40.38 1.44 0.00	36.42 1.33 0.00	35.34 1.20 0.00
ALTONA_WT_PWR 323606	32.37 1.36 0.00	31.09 1.40 0.00	29.90 1.37 0.00	29.54 1.30 0.00	30.46 1.45 0.00	31.69 1.39 0.00	38.20 0.68 0.00	41.87 0.82 0.00	39.39 0.62 0.00	38.13 0.60 0.00	42.72 0.67 0.00	39.35 0.73 0.00	38.38 0.68 0.00	38.41 0.64 0.00	39.87 0.55 0.00	42.87 0.38 0.00	45.80 -0.51 0.00	47.85 -0.93 0.00	45.71 -0.55 0.00	45.67 -0.42 0.00	43.48 0.39 0.00	39.40 0.47 0.00	35.26 0.18 0.00	34.87 0.72 0.00
AMERICAN_REF_FUEL 24010	30.08 -0.93 0.00	29.01 -0.68 0.00	27.70 -0.83 0.00	27.62 -0.62 0.00	28.40 -0.61 0.00	29.54 -0.76 0.00	37.52 0.00 0.00	39.78 -1.27 0.00	37.76 -1.01 0.00	36.59 -0.94 0.00	40.54 -1.51 0.00	36.49 -2.12 0.00	35.70 -2.00 0.00	35.85 -1.92 0.00	36.73 -2.60 0.00	40.11 -2.38 0.00	43.93 -2.50 -0.13	48.93 -1.61 -1.77	44.81 -2.82 -1.37	43.02 -3.14 -0.07	40.16 -2.93 0.00	35.97 -2.96 0.00	32.66 -2.42 0.00	32.58 -1.57 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.66 0.65 0.00	30.52 0.83 0.00	29.27 0.74 0.00	29.15 0.90 0.00	30.03 1.01 0.00	31.33 1.03 0.00	40.19 2.66 0.00	42.86 1.80 0.00	40.67 1.90 0.00	39.33 1.80 0.00	43.60 1.56 0.00	39.27 0.66 0.00	38.41 0.71 0.00	38.57 0.79 0.00	39.68 0.35 0.00	43.21 0.72 0.00	46.74 0.28 -0.15	52.46 1.56 -2.13	47.96 0.05 -1.65	45.80 -0.37 -0.08	43.35 0.26 0.00	38.82 -0.12 0.00	35.08 0.00 0.00	34.79 0.65 0.00
ARTHUR_KILL_GT_1 23520	32.59 1.58 0.00	31.00 1.31 0.00	29.78 1.25 0.00	29.40 1.16 0.00	30.17 1.16 0.00	31.72 1.42 0.00	40.41 2.89 0.00	44.30 3.24 0.00	41.95 3.18 0.00	40.64 3.11 0.00	45.50 3.45 0.00	41.51 2.90 0.00	40.26 2.56 0.00	40.30 2.53 0.00	42.16 2.83 0.00	45.42 2.93 0.00	51.66 4.35 -1.00	68.23 4.58 -14.88	62.34 4.54 -11.55	50.91 4.29 -0.54	46.19 3.10 0.00	42.09 3.15 0.00	38.17 3.09 0.00	37.16 3.01 -0.01
ARTHUR_KILL_2 23512	32.53 1.52 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.63 1.33 0.00	40.30 2.78 0.00	44.17 3.12 0.00	41.83 3.06 0.00	40.53 3.00 0.00	45.37 3.32 0.00	41.43 2.82 0.00	40.15 2.45 0.00	40.23 2.45 0.00	42.04 2.71 0.00	45.29 2.80 0.00	51.52 4.21 -1.00	68.09 4.44 -14.88	62.20 4.40 -11.55	50.73 4.10 -0.54	46.06 2.97 0.00	41.97 3.04 0.00	38.06 2.98 0.00	37.06 2.90 -0.01
ARTHUR_KILL_3 23513	32.07 1.06 0.00	30.52 0.83 0.00	29.36 0.83 0.00	28.98 0.73 0.00	29.74 0.73 0.00	31.33 1.03 0.00	39.96 2.44 0.00	43.88 2.83 0.00	41.56 2.79 0.00	40.27 2.74 0.00	45.12 3.07 0.00	41.55 2.93 0.00	40.49 2.79 0.00	40.53 2.76 0.00	42.35 3.03 0.00	45.68 3.19 0.00	51.66 4.35 -1.00	68.28 4.64 -14.87	62.20 4.40 -11.55	50.77 4.15 -0.54	46.49 3.40 0.00	42.21 3.27 0.00	38.03 2.95 0.00	36.84 2.70 0.00
ARTHUR_KILL_COGEN 323718	32.59 1.58 0.00	31.00 1.31 0.00	29.78 1.25 0.00	29.40 1.16 0.00	30.17 1.16 0.00	31.72 1.42 0.00	40.41 2.89 0.00	44.30 3.24 0.00	41.95 3.18 0.00	40.64 3.11 0.00	45.50 3.45 0.00	41.51 2.90 0.00	40.26 2.56 0.00	40.30 2.53 0.00	42.16 2.83 0.00	45.42 2.93 0.00	51.66 4.35 -1.00	68.23 4.58 -14.88	62.34 4.54 -11.55	50.91 4.29 -0.54	46.19 3.10 0.00	42.09 3.15 0.00	38.17 3.09 0.00	37.16 3.01 -0.01
ASHOKAN____ 23654	32.37 1.36 0.00	30.94 1.25 0.00	29.64 1.11 0.00	29.43 1.19 0.00	30.20 1.19 0.00	31.72 1.42 0.00	39.55 2.02 0.00	42.61 1.56 0.00	39.81 1.05 0.00	38.47 0.94 0.00	43.10 1.05 0.00	39.85 1.24 0.00	38.87 1.17 0.00	38.87 1.10 0.00	40.66 1.34 0.00	44.19 1.70 0.00	49.93 2.45 -1.17	69.41 3.12 -17.51	62.63 2.78 -13.59	49.30 2.58 -0.63	45.24 2.15 0.00	41.15 2.22 0.00	37.08 2.00 0.00	36.20 2.05 0.00

ASTORIA_EAST_ENERGY_CC1 323581	32.16 1.15 0.00	30.58 0.89 0.00	29.36 0.83 0.00	28.98 0.73 0.00	29.71 0.70 0.00	31.30 1.00 0.00	39.81 2.29 0.00	43.63 2.59 0.01	41.32 2.56 0.01	40.08 2.55 0.01	45.12 3.07 0.00	41.59 2.97 0.00	40.49 2.79 0.00	40.53 2.76 0.00	42.35 3.03 0.00	45.59 3.10 0.00	51.75 4.45 -1.00	68.28 4.64 -14.88	62.48 4.67 -11.55	51.01 4.38 -0.54	46.41 3.32 0.00	42.28 3.35 0.00	38.24 3.16 0.00	37.40 3.25 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	32.16 1.15 0.00	30.58 0.89 0.00	29.36 0.83 0.00	28.98 0.73 0.00	29.71 0.70 0.00	31.30 1.00 0.00	39.81 2.29 0.00	43.63 2.59 0.01	41.32 2.56 0.01	40.08 2.55 0.01	45.12 3.07 0.00	41.59 2.97 0.00	40.49 2.79 0.00	40.53 2.76 0.00	42.35 3.03 0.00	45.59 3.10 0.00	51.75 4.45 -1.00	68.28 4.64 -14.88	62.48 4.67 -11.55	51.01 4.38 -0.54	46.41 3.32 0.00	42.28 3.35 0.00	38.28 3.19 0.00	37.40 3.25 -0.01
ASTORIA_GT2_1 24094	32.19 1.18 0.00	30.59 0.89 0.00	29.38 0.86 0.00	29.01 0.76 0.00	29.74 0.73 0.00	31.33 1.03 0.00	39.89 2.36 0.00	43.64 2.59 0.00	41.33 2.56 0.00	40.08 2.55 0.00	45.08 3.03 0.00	41.63 3.01 0.00	40.60 2.90 0.00	40.68 2.91 0.00	42.39 3.07 0.00	45.89 3.40 0.00	51.95 4.63 -1.01	68.79 4.88 -15.14	62.91 4.90 -11.75	51.24 4.61 -0.54	46.54 3.45 0.00	42.36 3.43 0.00	38.35 3.26 0.00	37.30 3.14 -0.01
ASTORIA_GT2_2 24095	32.19 1.18 0.00	30.59 0.89 0.00	29.38 0.86 0.00	29.01 0.76 0.00	29.74 0.73 0.00	31.33 1.03 0.00	39.89 2.36 0.00	43.64 2.59 0.00	41.33 2.56 0.00	40.08 2.55 0.00	45.08 3.03 0.00	41.63 3.01 0.00	40.60 2.90 0.00	40.68 2.91 0.00	42.39 3.07 0.00	45.89 3.40 0.00	51.95 4.63 -1.01	68.79 4.88 -15.14	62.91 4.90 -11.75	51.24 4.61 -0.54	46.54 3.45 0.00	42.36 3.43 0.00	38.35 3.26 0.00	37.30 3.14 -0.01
ASTORIA_GT2_3 24096	32.19 1.18 0.00	30.59 0.89 0.00	29.38 0.86 0.00	29.01 0.76 0.00	29.74 0.73 0.00	31.33 1.03 0.00	39.89 2.36 0.00	43.64 2.59 0.00	41.33 2.56 0.00	40.08 2.55 0.00	45.08 3.03 0.00	41.63 3.01 0.00	40.60 2.90 0.00	40.68 2.91 0.00	42.39 3.07 0.00	45.89 3.40 0.00	51.95 4.63 -1.01	68.79 4.88 -15.14	62.91 4.90 -11.75	51.24 4.61 -0.54	46.54 3.45 0.00	42.36 3.43 0.00	38.35 3.26 0.00	37.30 3.14 -0.01
ASTORIA_GT2_4 24097	32.19 1.18 0.00	30.59 0.89 0.00	29.38 0.86 0.00	29.01 0.76 0.00	29.74 0.73 0.00	31.33 1.03 0.00	39.89 2.36 0.00	43.64 2.59 0.00	41.33 2.56 0.00	40.08 2.55 0.00	45.08 3.03 0.00	41.63 3.01 0.00	40.60 2.90 0.00	40.68 2.91 0.00	42.39 3.07 0.00	45.89 3.40 0.00	51.95 4.63 -1.01	68.79 4.88 -15.14	62.91 4.90 -11.75	51.24 4.61 -0.54	46.54 3.45 0.00	42.36 3.43 0.00	38.35 3.26 0.00	37.30 3.14 -0.01
ASTORIA_GT3_1 24098	32.19 1.18 0.00	30.59 0.89 0.00	29.38 0.86 0.00	29.01 0.76 0.00	29.74 0.73 0.00	31.33 1.03 0.00	39.89 2.36 0.00	43.64 2.59 0.00	41.33 2.56 0.00	40.08 2.55 0.00	45.08 3.03 0.00	41.63 3.01 0.00	40.60 2.90 0.00	40.68 2.91 0.00	42.39 3.07 0.00	45.89 3.40 0.00	51.95 4.63 -1.01	68.79 4.88 -15.14	62.91 4.90 -11.75	51.24 4.61 -0.54	46.54 3.45 0.00	42.36 3.43 0.00	38.35 3.26 0.00	37.30 3.14 -0.01
ASTORIA_GT3_2 24099	32.19 1.18 0.00	30.59 0.89 0.00	29.38 0.86 0.00	29.01 0.76 0.00	29.74 0.73 0.00	31.33 1.03 0.00	39.89 2.36 0.00	43.64 2.59 0.00	41.33 2.56 0.00	40.08 2.55 0.00	45.08 3.03 0.00	41.63 3.01 0.00	40.60 2.90 0.00	40.68 2.91 0.00	42.39 3.07 0.00	45.89 3.40 0.00	51.95 4.63 -1.01	68.79 4.88 -15.14	62.91 4.90 -11.75	51.24 4.61 -0.54	46.54 3.45 0.00	42.36 3.43 0.00	38.35 3.26 0.00	37.30 3.14 -0.01
ASTORIA_GT3_3 24100	32.19 1.18 0.00	30.59 0.89 0.00	29.38 0.86 0.00	29.01 0.76 0.00	29.74 0.73 0.00	31.33 1.03 0.00	39.89 2.36 0.00	43.64 2.59 0.00	41.33 2.56 0.00	40.08 2.55 0.00	45.08 3.03 0.00	41.63 3.01 0.00	40.60 2.90 0.00	40.68 2.91 0.00	42.39 3.07 0.00	45.89 3.40 0.00	51.95 4.63 -1.01	68.79 4.88 -15.14	62.91 4.90 -11.75	51.24 4.61 -0.54	46.54 3.45 0.00	42.36 3.43 0.00	38.35 3.26 0.00	37.30 3.14 -0.01
ASTORIA_GT3_4 24101	32.19 1.18 0.00	30.59 0.89 0.00	29.38 0.86 0.00	29.01 0.76 0.00	29.74 0.73 0.00	31.33 1.03 0.00	39.89 2.36 0.00	43.64 2.59 0.00	41.33 2.56 0.00	40.08 2.55 0.00	45.08 3.03 0.00	41.63 3.01 0.00	40.60 2.90 0.00	40.68 2.91 0.00	42.39 3.07 0.00	45.89 3.40 0.00	51.95 4.63 -1.01	68.79 4.88 -15.14	62.91 4.90 -11.75	51.24 4.61 -0.54	46.54 3.45 0.00	42.36 3.43 0.00	38.35 3.26 0.00	37.30 3.14 -0.01
ASTORIA_GT4_1 24102	32.19 1.18 0.00	30.59 0.89 0.00	29.38 0.86 0.00	29.01 0.76 0.00	29.74 0.73 0.00	31.33 1.03 0.00	39.89 2.36 0.00	43.64 2.59 0.00	41.33 2.56 0.00	40.08 2.55 0.00	45.08 3.03 0.00	41.63 3.01 0.00	40.60 2.90 0.00	40.68 2.91 0.00	42.39 3.07 0.00	45.89 3.40 0.00	51.95 4.63 -1.01	68.79 4.88 -15.14	62.91 4.90 -11.75	51.24 4.61 -0.54	46.54 3.45 0.00	42.36 3.43 0.00	38.35 3.26 0.00	37.30 3.14 -0.01
ASTORIA_GT4_2 24103	32.19 1.18 0.00	30.59 0.89 0.00	29.38 0.86 0.00	29.01 0.76 0.00	29.74 0.73 0.00	31.33 1.03 0.00	39.89 2.36 0.00	43.64 2.59 0.00	41.33 2.56 0.00	40.08 2.55 0.00	45.08 3.03 0.00	41.63 3.01 0.00	40.60 2.90 0.00	40.68 2.91 0.00	42.39 3.07 0.00	45.89 3.40 0.00	51.95 4.63 -1.01	68.79 4.88 -15.14	62.91 4.90 -11.75	51.24 4.61 -0.54	46.54 3.45 0.00	42.36 3.43 0.00	38.35 3.26 0.00	37.30 3.14 -0.01
ASTORIA_GT4_3 24104	32.19 1.18 0.00	30.59 0.89 0.00	29.38 0.86 0.00	29.01 0.76 0.00	29.74 0.73 0.00	31.33 1.03 0.00	39.89 2.36 0.00	43.64 2.59 0.00	41.33 2.56 0.00	40.08 2.55 0.00	45.08 3.03 0.00	41.63 3.01 0.00	40.60 2.90 0.00	40.68 2.91 0.00	42.39 3.07 0.00	45.89 3.40 0.00	51.95 4.63 -1.01	68.79 4.88 -15.14	62.91 4.90 -11.75	51.24 4.61 -0.54	46.54 3.45 0.00	42.36 3.43 0.00	38.35 3.26 0.00	37.30 3.14 -0.01
ASTORIA_GT4_4 24105	32.19 1.18 0.00	30.59 0.89 0.00	29.38 0.86 0.00	29.01 0.76 0.00	29.74 0.73 0.00	31.33 1.03 0.00	39.89 2.36 0.00	43.64 2.59 0.00	41.33 2.56 0.00	40.08 2.55 0.00	45.08 3.03 0.00	41.63 3.01 0.00	40.60 2.90 0.00	40.68 2.91 0.00	42.39 3.07 0.00	45.89 3.40 0.00	51.95 4.63 -1.01	68.79 4.88 -15.14	62.91 4.90 -11.75	51.24 4.61 -0.54	46.54 3.45 0.00	42.36 3.43 0.00	38.35 3.26 0.00	37.30 3.14 -0.01
ASTORIA_GT_1 23523	32.22 1.21 0.00	30.64 0.95 0.00	29.41 0.89 0.00	29.03 0.79 0.00	29.77 0.75 0.00	31.36 1.06 0.00	39.89 2.37 0.00	43.75 2.71 0.01	41.43 2.67 0.01	40.19 2.66 0.01	45.24 3.19 0.00	41.66 3.05 0.00	40.56 2.86 0.00	40.64 2.87 0.00	42.47 3.15 0.00	45.72 3.23 0.00	51.85 4.54 -1.00	68.43 4.78 -14.88	62.62 4.81 -11.55	51.14 4.52 -0.54	46.49 3.40 0.00	42.36 3.43 0.00	38.35 3.26 0.00	37.47 3.31 -0.01

ASTORIA_GT_10 24110	32.35 1.33 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.19 2.66 0.00	44.01 2.96 0.00	41.71 2.95 0.00	40.46 2.93 0.00	45.37 3.32 0.00	41.86 3.24 0.00	40.83 3.13 0.00	40.87 3.10 0.00	42.63 3.30 0.00	46.10 3.61 0.00	52.23 4.91 -1.01	69.03 5.12 -15.14	62.96 4.95 -11.75	51.34 4.70 -0.54	46.79 3.71 0.00	42.48 3.54 0.00	38.35 3.26 0.00	37.23 3.07 -0.01
ASTORIA_GT_11 24225	32.35 1.33 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.19 2.66 0.00	44.01 2.96 0.00	41.71 2.95 0.00	40.46 2.93 0.00	45.37 3.32 0.00	41.86 3.24 0.00	40.83 3.13 0.00	40.87 3.10 0.00	42.63 3.30 0.00	46.10 3.61 0.00	52.23 4.91 -1.01	69.03 5.12 -15.14	62.96 4.95 -11.75	51.34 4.70 -0.54	46.79 3.71 0.00	42.48 3.54 0.00	38.35 3.26 0.00	37.23 3.07 -0.01
ASTORIA_GT_12 24226	32.35 1.33 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.19 2.66 0.00	44.01 2.96 0.00	41.71 2.95 0.00	40.46 2.93 0.00	45.37 3.32 0.00	41.86 3.24 0.00	40.83 3.13 0.00	40.87 3.10 0.00	42.63 3.30 0.00	46.10 3.61 0.00	52.23 4.91 -1.01	69.03 5.12 -15.14	62.96 4.95 -11.75	51.34 4.70 -0.54	46.79 3.71 0.00	42.48 3.54 0.00	38.35 3.26 0.00	37.23 3.07 -0.01
ASTORIA_GT_13 24227	32.35 1.33 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.19 2.66 0.00	44.01 2.96 0.00	41.71 2.95 0.00	40.46 2.93 0.00	45.37 3.32 0.00	41.86 3.24 0.00	40.83 3.13 0.00	40.87 3.10 0.00	42.63 3.30 0.00	46.10 3.61 0.00	52.23 4.91 -1.01	69.03 5.12 -15.14	62.96 4.95 -11.75	51.34 4.70 -0.54	46.79 3.71 0.00	42.48 3.54 0.00	38.35 3.26 0.00	37.23 3.07 -0.01
ASTORIA_GT_5 24106	32.22 1.21 0.00	30.64 0.95 0.00	29.41 0.89 0.00	29.03 0.79 0.00	29.77 0.75 0.00	31.36 1.06 0.00	39.89 2.37 0.00	43.75 2.71 0.01	41.43 2.67 0.01	40.19 2.66 0.01	45.24 3.19 0.00	41.66 3.05 0.00	40.56 2.86 0.00	40.64 2.87 0.00	42.47 3.15 0.00	45.72 3.23 0.00	51.85 4.54 -1.00	68.43 4.78 -14.88	62.62 4.81 -11.55	51.14 4.52 -0.54	46.49 3.40 0.00	42.36 3.43 0.00	38.35 3.26 0.00	37.47 3.31 -0.01
ASTORIA_GT_7 24107	32.22 1.21 0.00	30.64 0.95 0.00	29.41 0.89 0.00	29.03 0.79 0.00	29.77 0.75 0.00	31.36 1.06 0.00	39.89 2.37 0.00	43.75 2.71 0.01	41.43 2.67 0.01	40.19 2.66 0.01	45.24 3.19 0.00	41.66 3.05 0.00	40.56 2.86 0.00	40.64 2.87 0.00	42.47 3.15 0.00	45.72 3.23 0.00	51.85 4.54 -1.00	68.43 4.78 -14.88	62.62 4.81 -11.55	51.14 4.52 -0.54	46.49 3.40 0.00	42.36 3.43 0.00	38.35 3.26 0.00	37.47 3.31 -0.01
ASTORIA_GT_8 24108	32.22 1.21 0.00	30.64 0.95 0.00	29.41 0.88 0.00	29.04 0.79 0.00	29.77 0.75 0.00	31.36 1.06 0.00	39.93 2.40 0.00	43.68 2.63 0.00	41.40 2.64 0.00	40.16 2.63 0.00	45.16 3.11 0.00	41.70 3.09 0.00	40.68 2.98 0.00	40.76 2.98 0.00	42.47 3.15 0.00	45.97 3.48 0.00	52.09 4.77 -1.01	68.88 4.97 -15.14	63.01 5.00 -11.75	51.34 4.70 -0.54	46.62 3.53 0.00	42.44 3.50 0.00	38.38 3.30 0.00	37.36 3.21 -0.01
ASTORIA___2 24149	32.19 1.18 0.00	30.58 0.89 0.00	29.38 0.86 0.00	29.01 0.76 0.00	29.74 0.73 0.00	31.33 1.03 0.00	39.85 2.33 0.00	43.68 2.63 0.01	41.32 2.56 0.01	40.08 2.55 0.01	45.16 3.11 0.00	41.59 2.97 0.00	40.53 2.83 0.00	40.57 2.80 0.00	42.39 3.07 0.00	45.63 3.14 0.00	51.75 4.45 -1.00	68.33 4.68 -14.88	62.53 4.72 -11.55	51.05 4.43 -0.54	46.41 3.32 0.00	42.28 3.35 0.00	38.28 3.19 0.00	37.43 3.28 -0.01
ASTORIA___3 23516	32.34 1.33 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.21 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.15 2.63 0.00	44.05 3.00 0.00	41.75 2.99 0.00	40.50 2.96 0.00	45.41 3.37 0.00	41.82 3.20 0.00	40.72 3.02 0.00	40.75 2.98 0.00	42.59 3.26 0.00	45.89 3.40 0.00	52.03 4.73 -1.00	68.57 4.92 -14.88	62.57 4.77 -11.55	51.14 4.52 -0.54	46.66 3.57 0.00	42.44 3.51 0.00	38.31 3.23 0.00	37.26 3.11 -0.01
ASTORIA___4 23517	32.35 1.33 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.19 2.66 0.00	44.01 2.96 0.00	41.71 2.95 0.00	40.46 2.93 0.00	45.37 3.32 0.00	41.86 3.24 0.00	40.83 3.13 0.00	40.87 3.10 0.00	42.63 3.30 0.00	46.10 3.61 0.00	52.23 4.91 -1.01	69.03 5.12 -15.14	62.96 4.95 -11.75	51.34 4.70 -0.54	46.79 3.71 0.00	42.48 3.54 0.00	38.35 3.26 0.00	37.23 3.07 -0.01
ASTORIA___5 23518	32.31 1.30 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.21 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.15 2.63 0.00	44.05 3.00 0.00	41.75 2.99 0.00	40.50 2.96 0.00	45.41 3.37 0.00	41.82 3.20 0.00	40.72 3.02 0.00	40.75 2.98 0.00	42.59 3.26 0.00	45.89 3.40 0.00	52.03 4.73 -1.00	68.57 4.92 -14.88	62.57 4.77 -11.55	51.14 4.52 -0.54	46.62 3.53 0.00	42.44 3.51 0.00	38.31 3.23 0.00	37.26 3.11 -0.01
AST_ENERGY_2_CC3 323677	32.16 1.15 0.00	30.64 0.95 0.00	29.47 0.94 0.00	29.09 0.85 0.00	29.82 0.81 0.00	31.42 1.12 0.00	40.08 2.55 0.00	44.01 2.96 0.00	41.68 2.91 0.00	40.38 2.85 0.00	45.29 3.24 0.00	41.70 3.09 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.85 3.36 0.00	51.89 4.59 -1.00	68.48 4.83 -14.87	62.43 4.63 -11.55	50.96 4.33 -0.54	46.62 3.53 0.00	42.32 3.39 0.00	38.17 3.09 0.00	36.98 2.83 0.00
AST_ENERGY_2_CC4 323678	32.16 1.15 0.00	30.64 0.95 0.00	29.47 0.94 0.00	29.09 0.85 0.00	29.82 0.81 0.00	31.42 1.12 0.00	40.08 2.55 0.00	44.01 2.96 0.00	41.68 2.91 0.00	40.38 2.85 0.00	45.29 3.24 0.00	41.70 3.09 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.85 3.36 0.00	51.89 4.59 -1.00	68.48 4.83 -14.87	62.43 4.63 -11.55	50.96 4.33 -0.54	46.62 3.53 0.00	42.32 3.39 0.00	38.17 3.09 0.00	36.98 2.83 0.00
ATHENS_STG_1 23668	31.88 0.87 0.00	30.47 0.77 0.00	29.27 0.74 0.00	28.98 0.73 0.00	29.74 0.73 0.00	31.21 0.91 0.00	39.06 1.54 0.00	42.78 1.72 0.00	40.40 1.63 0.00	39.11 1.58 0.00	43.94 1.89 0.00	40.39 1.78 0.00	39.40 1.70 0.00	39.47 1.70 0.00	41.17 1.85 0.00	44.49 2.00 0.00	50.06 2.59 -1.16	68.91 2.83 -17.31	62.28 2.59 -13.43	49.20 2.49 -0.62	45.24 2.15 0.00	40.96 2.02 0.00	36.87 1.79 0.00	35.82 1.67 0.00
ATHENS_STG_2 23670	31.88 0.87 0.00	30.47 0.77 0.00	29.27 0.74 0.00	28.98 0.73 0.00	29.74 0.73 0.00	31.21 0.91 0.00	39.06 1.54 0.00	42.78 1.72 0.00	40.40 1.63 0.00	39.11 1.58 0.00	43.94 1.89 0.00	40.39 1.78 0.00	39.40 1.70 0.00	39.47 1.70 0.00	41.17 1.85 0.00	44.49 2.00 0.00	50.06 2.59 -1.16	68.91 2.83 -17.31	62.28 2.59 -13.43	49.20 2.49 -0.62	45.24 2.15 0.00	40.96 2.02 0.00	36.87 1.79 0.00	35.82 1.67 0.00

ATHENS_STG_3 23677	31.88 0.87 0.00	30.47 0.77 0.00	29.27 0.74 0.00	28.98 0.73 0.00	29.74 0.73 0.00	31.21 0.91 0.00	39.06 1.54 0.00	42.78 1.72 0.00	40.40 1.63 0.00	39.11 1.58 0.00	43.94 1.89 0.00	40.39 1.78 0.00	39.40 1.70 0.00	39.47 1.70 0.00	41.17 1.85 0.00	44.49 2.00 0.00	50.06 2.59 -1.16	68.91 2.83 -17.31	62.28 2.59 -13.43	49.20 2.49 -0.62	45.24 2.15 0.00	40.96 2.02 0.00	36.87 1.79 0.00	35.82 1.67 0.00
AUBURN____LFGE 323710	31.01 0.00 0.00	29.72 0.03 0.00	28.53 0.00 0.00	28.27 0.03 0.00	29.04 0.03 0.00	30.39 0.09 0.00	38.24 0.71 0.00	41.79 0.74 0.00	39.58 0.81 0.00	38.36 0.83 0.00	42.85 0.80 0.00	39.15 0.54 0.00	38.23 0.53 0.00	38.34 0.57 0.00	39.87 0.55 0.00	43.09 0.59 0.00	47.46 1.02 -0.13	52.24 1.46 -2.00	48.79 0.97 -1.55	46.90 0.74 -0.07	43.56 0.47 0.00	39.21 0.27 0.00	35.26 0.18 0.00	34.35 0.20 0.00
BABYLON_RES_REC 323704	36.90 2.54 -3.34	37.66 2.23 -5.74	34.77 2.20 -4.05	31.06 2.09 -0.72	32.12 2.12 -0.99	36.64 2.51 -3.83	44.96 4.24 -3.20	50.07 4.60 -4.42	46.96 4.57 -3.62	44.47 4.02 -2.92	51.59 4.37 -5.17	44.69 4.09 -1.99	45.05 3.85 -3.50	44.57 3.85 -2.94	45.78 4.33 -2.13	50.80 4.59 -3.72	54.82 5.55 -2.96	70.93 5.90 -16.26	66.46 5.55 -14.65	58.04 5.30 -6.65	54.33 4.70 -6.54	46.89 4.48 -3.48	42.34 4.49 -2.76	41.50 4.16 -3.18
BABYLON__69_KV_BK2 356345	37.33 2.98 -3.34	38.05 2.61 -5.74	35.12 2.54 -4.05	31.43 2.46 -0.72	32.49 2.50 -0.99	37.07 2.94 -3.83	45.50 4.84 -3.13	50.72 5.34 -4.32	47.46 5.16 -3.54	45.42 5.03 -2.86	52.51 5.30 -5.17	45.43 4.83 -1.99	45.84 4.64 -3.50	45.36 4.65 -2.94	46.41 4.95 -2.13	51.65 5.52 -3.64	55.96 6.71 -2.94	72.63 7.36 -16.49	67.90 6.85 -14.79	59.17 6.54 -6.53	55.18 5.69 -6.40	47.64 5.30 -3.41	42.72 4.95 -2.69	41.97 4.64 -3.18
BALL_HILL_WT_PWR 323825	31.35 0.34 0.00	30.17 0.47 0.00	28.90 0.37 0.00	28.75 0.51 0.00	29.56 0.55 0.00	30.81 0.51 0.00	39.40 1.88 0.00	41.96 0.90 0.00	39.81 1.05 0.00	38.51 0.97 0.00	42.68 0.63 0.00	38.50 -0.12 0.00	37.66 -0.04 0.00	37.81 0.04 0.00	38.85 -0.47 0.00	42.32 -0.17 0.00	45.66 -0.79 -0.14	51.23 0.39 -2.07	46.85 -1.02 -1.61	44.79 -1.38 -0.08	42.49 -0.60 0.00	38.08 -0.86 0.00	34.45 -0.63 0.00	34.18 0.03 0.00
BARON_WINDS____WT_PWR 323822	31.29 0.28 0.00	30.11 0.42 0.00	28.90 0.37 0.00	28.72 0.48 0.00	29.54 0.52 0.00	30.90 0.61 0.00	39.36 1.84 0.00	42.37 1.31 0.00	40.20 1.44 0.00	38.92 1.39 0.00	43.22 1.18 0.00	39.23 0.62 0.00	38.34 0.64 0.00	38.49 0.72 0.00	39.80 0.47 0.00	43.21 0.72 0.00	47.04 0.51 -0.22	53.40 1.42 -3.21	49.12 0.37 -2.49	46.25 0.05 -0.12	43.52 0.43 0.00	39.13 0.20 0.00	35.29 0.21 0.00	34.76 0.62 0.00
BARRETT_IC_1 23704	72.50 2.05 -39.44	99.21 1.84 -67.67	78.07 1.77 -47.77	38.58 1.72 -8.61	42.43 1.71 -11.71	77.53 2.03 -45.20	72.45 3.49 -31.44	87.98 3.74 -43.19	78.07 3.80 -35.50	69.88 3.68 -28.67	107.20 4.25 -60.91	66.07 3.98 -23.48	82.90 3.85 -41.35	76.32 3.81 -34.74	68.54 4.09 -25.13	83.16 4.17 -36.50	71.82 5.19 -20.33	83.32 5.51 -29.04	94.79 5.04 -43.48	114.70 4.84 -63.78	114.83 4.14 -67.60	77.10 3.97 -34.19	66.07 3.82 -27.16	75.34 3.62 -37.58
BARRETT_IC_10 23701	72.50 2.05 -39.44	99.21 1.84 -67.67	78.07 1.77 -47.77	38.58 1.72 -8.61	42.43 1.71 -11.71	77.53 2.03 -45.20	72.45 3.49 -31.44	87.98 3.74 -43.19	78.07 3.80 -35.50	69.88 3.68 -28.67	107.20 4.25 -60.91	66.07 3.98 -23.48	82.90 3.85 -41.35	76.32 3.81 -34.74	68.54 4.09 -25.13	83.16 4.17 -36.50	71.82 5.19 -20.33	74.54 5.51 -20.26	74.98 5.04 -23.68	75.47 4.84 -24.54	72.89 4.14 -25.66	77.10 3.97 -34.19	66.07 3.82 -27.16	75.34 3.62 -37.58
BARRETT_IC_11 23702	72.50 2.05 -39.44	99.21 1.84 -67.67	78.07 1.77 -47.77	38.58 1.72 -8.61	42.43 1.71 -11.71	77.53 2.03 -45.20	72.45 3.49 -31.44	87.98 3.74 -43.19	78.07 3.80 -35.50	69.88 3.68 -28.67	107.20 4.25 -60.91	66.07 3.98 -23.48	82.90 3.85 -41.35	76.32 3.81 -34.74	68.54 4.09 -25.13	83.16 4.17 -36.50	71.82 5.19 -20.33	74.54 5.51 -20.26	74.98 5.04 -23.68	75.47 4.84 -24.54	72.89 4.14 -25.66	77.10 3.97 -34.19	66.07 3.82 -27.16	75.34 3.62 -37.58
BARRETT_IC_12 23703	72.50 2.05 -39.44	99.21 1.84 -67.67	78.07 1.77 -47.77	38.58 1.72 -8.61	42.43 1.71 -11.71	77.53 2.03 -45.20	72.45 3.49 -31.44	87.98 3.74 -43.19	78.07 3.80 -35.50	69.88 3.68 -28.67	107.20 4.25 -60.91	66.07 3.98 -23.48	82.90 3.85 -41.35	76.32 3.81 -34.74	68.54 4.09 -25.13	83.16 4.17 -36.50	71.82 5.19 -20.33	74.54 5.51 -20.26	74.98 5.04 -23.68	75.47 4.84 -24.54	72.89 4.14 -25.66	77.10 3.97 -34.19	66.07 3.82 -27.16	75.34 3.62 -37.58
BARRETT_IC_2 23705	72.50 2.05 -39.44	99.21 1.84 -67.67	78.07 1.77 -47.77	38.58 1.72 -8.61	42.43 1.71 -11.71	77.53 2.03 -45.20	72.45 3.49 -31.44	87.98 3.74 -43.19	78.07 3.80 -35.50	69.88 3.68 -28.67	107.20 4.25 -60.91	66.07 3.98 -23.48	82.90 3.85 -41.35	76.32 3.81 -34.74	68.54 4.09 -25.13	83.16 4.17 -36.50	71.82 5.19 -20.33	83.32 5.51 -29.04	94.79 5.04 -43.48	114.70 4.84 -63.78	114.83 4.14 -67.60	77.10 3.97 -34.19	66.07 3.82 -27.16	75.34 3.62 -37.58
BARRETT_IC_3 23706	72.50 2.05 -39.44	99.21 1.84 -67.67	78.07 1.77 -47.77	38.58 1.72 -8.61	42.43 1.71 -11.71	77.53 2.03 -45.20	72.45 3.49 -31.44	87.98 3.74 -43.19	78.07 3.80 -35.50	69.88 3.68 -28.67	107.20 4.25 -60.91	66.07 3.98 -23.48	82.90 3.85 -41.35	76.32 3.81 -34.74	68.54 4.09 -25.13	83.16 4.17 -36.50	71.82 5.19 -20.33	83.32 5.51 -29.04	94.79 5.04 -43.48	114.70 4.84 -63.78	114.83 4.14 -67.60	77.10 3.97 -34.19	66.07 3.82 -27.16	75.34 3.62 -37.58
BARRETT_IC_4 23707	72.50 2.05 -39.44	99.21 1.84 -67.67	78.07 1.77 -47.77	38.58 1.72 -8.61	42.43 1.71 -11.71	77.53 2.03 -45.20	72.45 3.49 -31.44	87.98 3.74 -43.19	78.07 3.80 -35.50	69.88 3.68 -28.67	107.20 4.25 -60.91	66.07 3.98 -23.48	82.90 3.85 -41.35	76.32 3.81 -34.74	68.54 4.09 -25.13	83.16 4.17 -36.50	71.82 5.19 -20.33	83.32 5.51 -29.04	94.79 5.04 -43.48	114.70 4.84 -63.78	114.83 4.14 -67.60	77.10 3.97 -34.19	66.07 3.82 -27.16	75.34 3.62 -37.58
BARRETT_IC_5 23708	72.50 2.05 -39.44	99.21 1.84 -67.67	78.07 1.77 -47.77	38.58 1.72 -8.61	42.43 1.71 -11.71	77.53 2.03 -45.20	72.45 3.49 -31.44	87.98 3.74 -43.19	78.07 3.80 -35.50	69.88 3.68 -28.67	107.20 4.25 -60.91	66.07 3.98 -23.48	82.90 3.85 -41.35	76.32 3.81 -34.74	68.54 4.09 -25.13	83.16 4.17 -36.50	71.82 5.19 -20.33	83.32 5.51 -29.04	94.79 5.04 -43.48	114.70 4.84 -63.78	114.83 4.14 -67.60	77.10 3.97 -34.19	66.07 3.82 -27.16	75.34 3.62 -37.58
BARRETT_IC_6 23709	72.50 2.05 -39.44	99.21 1.84 -67.67	78.07 1.77 -47.77	38.58 1.72 -8.61	42.43 1.71 -11.71	77.53 2.03 -45.20	72.45 3.49 -31.44	87.98 3.74 -43.19	78.07 3.80 -35.50	69.88 3.68 -28.67	107.20 4.25 -60.91	66.07 3.98 -23.48	82.90 3.85 -41.35	76.32 3.81 -34.74	68.54 4.09 -25.13	83.16 4.17 -36.50	71.82 5.19 -20.33	83.32 5.51 -29.04	94.79 5.04 -43.48	114.70 4.84 -63.78	114.83 4.14 -67.60	77.10 3.97 -34.19	66.07 3.82 -27.16	75.34 3.62 -37.58

BARRETT_IC_7 23710	72.50 2.05 -39.44	99.18 1.81 -67.67	78.07 1.77 -47.77	38.58 1.72 -8.61	42.43 1.71 -11.71	77.53 2.03 -45.20	72.45 3.49 -31.44	88.06 3.82 -43.19	78.07 3.80 -35.50	69.95 3.75 -28.67	107.16 4.20 -60.91	65.99 3.90 -23.48	82.90 3.85 -41.35	76.32 3.81 -34.74	68.46 4.01 -25.13	83.28 4.29 -36.50	71.75 5.09 -20.34	83.39 5.32 -29.30	94.94 5.00 -43.69	114.85 4.98 -63.79	114.91 4.22 -67.60	77.10 3.97 -34.19	66.09 3.86 -27.15	75.34 3.62 -37.58
BARRETT_IC_8 23711	72.50 2.05 -39.44	99.21 1.84 -67.67	78.07 1.77 -47.77	38.58 1.72 -8.61	42.43 1.71 -11.71	77.53 2.03 -45.20	72.45 3.49 -31.44	87.98 3.74 -43.19	78.07 3.80 -35.50	69.88 3.68 -28.67	107.20 4.25 -60.91	66.07 3.98 -23.48	82.90 3.85 -41.35	76.32 3.81 -34.74	68.54 4.09 -25.13	83.16 4.17 -36.50	71.82 5.19 -20.33	83.32 5.51 -29.04	94.79 5.04 -43.48	114.70 4.84 -63.78	114.83 4.14 -67.60	77.10 3.97 -34.19	66.07 3.82 -27.16	75.34 3.62 -37.58
BARRETT_IC_9 23700	72.50 2.05 -39.44	99.21 1.84 -67.67	78.07 1.77 -47.77	38.58 1.72 -8.61	42.43 1.71 -11.71	77.53 2.03 -45.20	72.45 3.49 -31.44	87.98 3.74 -43.19	78.07 3.80 -35.50	69.88 3.68 -28.67	107.20 4.25 -60.91	66.07 3.98 -23.48	82.90 3.85 -41.35	76.32 3.81 -34.74	68.54 4.09 -25.13	83.16 4.17 -36.50	71.82 5.19 -20.33	74.54 5.51 -20.26	74.98 5.04 -23.68	75.47 4.84 -24.54	72.89 4.14 -25.66	77.10 3.97 -34.19	66.07 3.82 -27.16	75.34 3.62 -37.58
BARRETT___1 23545	72.50 2.05 -39.44	99.21 1.84 -67.67	78.07 1.77 -47.77	38.58 1.72 -8.61	42.43 1.71 -11.71	77.53 2.03 -45.20	72.45 3.49 -31.44	87.98 3.74 -43.19	78.07 3.80 -35.50	69.88 3.68 -28.67	107.20 4.25 -60.91	66.07 3.98 -23.48	82.90 3.85 -41.35	76.32 3.81 -34.74	68.54 4.09 -25.13	83.16 4.17 -36.50	71.82 5.19 -20.33	83.32 5.51 -29.04	94.79 5.04 -43.48	114.70 4.84 -63.78	114.83 4.14 -67.60	77.10 3.97 -34.19	66.07 3.82 -27.16	75.34 3.62 -37.58
BARRETT___2 23546	72.50 2.05 -39.44	99.21 1.84 -67.67	78.07 1.77 -47.77	38.58 1.72 -8.61	42.43 1.71 -11.71	77.53 2.03 -45.20	72.45 3.49 -31.44	87.98 3.74 -43.19	78.07 3.80 -35.50	69.88 3.68 -28.67	107.20 4.25 -60.91	66.07 3.98 -23.48	82.90 3.85 -41.35	76.32 3.81 -34.74	68.54 4.09 -25.13	83.16 4.17 -36.50	71.82 5.19 -20.33	74.54 5.51 -20.26	74.98 5.04 -23.68	75.47 4.84 -24.54	72.89 4.14 -25.66	77.10 3.97 -34.19	66.07 3.82 -27.16	75.34 3.62 -37.58
BATAVIA___115KV_TB1 55881	31.17 0.16 0.00	29.99 0.30 0.00	28.61 0.09 0.00	28.47 0.23 0.00	29.27 0.26 0.00	30.54 0.24 0.00	39.06 1.54 0.00	41.71 0.66 0.00	39.62 0.85 0.00	38.32 0.79 0.00	42.59 0.55 0.00	38.38 -0.23 0.00	37.51 -0.19 0.00	37.62 -0.15 0.00	39.13 -0.20 0.00	42.28 -0.21 0.00	46.57 0.14 -0.13	51.71 1.12 -1.81	47.44 -0.23 -1.41	45.51 -0.65 -0.07	42.31 -0.78 0.00	37.92 -1.01 0.00	34.24 -0.84 0.00	34.08 -0.07 0.00
BAYONEEC___CTG1 323682	32.22 1.21 0.00	30.67 0.98 0.00	29.50 0.97 0.00	29.12 0.88 0.00	29.88 0.87 0.00	31.48 1.18 0.00	40.15 2.63 0.00	44.09 3.04 0.00	41.75 2.99 0.00	40.46 2.93 0.00	45.33 3.28 0.00	41.74 3.13 0.00	40.68 2.98 0.00	40.72 2.95 0.00	42.55 3.23 0.00	45.89 3.40 0.00	51.89 4.59 -1.00	68.52 4.88 -14.87	62.43 4.63 -11.55	51.01 4.38 -0.54	46.66 3.57 0.00	42.36 3.43 0.00	38.17 3.09 0.00	36.98 2.83 0.00
BAYONEEC___CTG10 323750	32.22 1.21 0.00	30.67 0.98 0.00	29.50 0.97 0.00	29.12 0.88 0.00	29.88 0.87 0.00	31.48 1.18 0.00	40.15 2.63 0.00	44.09 3.04 0.00	41.75 2.99 0.00	40.46 2.93 0.00	45.33 3.28 0.00	41.74 3.13 0.00	40.68 2.98 0.00	40.72 2.95 0.00	42.55 3.23 0.00	45.89 3.40 0.00	51.89 4.59 -1.00	68.52 4.88 -14.87	62.43 4.63 -11.55	51.01 4.38 -0.54	46.66 3.57 0.00	42.36 3.43 0.00	38.17 3.09 0.00	36.98 2.83 0.00
BAYONEEC___CTG2 323683	32.22 1.21 0.00	30.67 0.98 0.00	29.50 0.97 0.00	29.12 0.88 0.00	29.88 0.87 0.00	31.48 1.18 0.00	40.15 2.63 0.00	44.09 3.04 0.00	41.75 2.99 0.00	40.46 2.93 0.00	45.33 3.28 0.00	41.74 3.13 0.00	40.68 2.98 0.00	40.72 2.95 0.00	42.55 3.23 0.00	45.89 3.40 0.00	51.89 4.59 -1.00	68.52 4.88 -14.87	62.43 4.63 -11.55	51.01 4.38 -0.54	46.66 3.57 0.00	42.36 3.43 0.00	38.17 3.09 0.00	36.98 2.83 0.00
BAYONEEC___CTG3 323684	32.22 1.21 0.00	30.67 0.98 0.00	29.50 0.97 0.00	29.12 0.88 0.00	29.88 0.87 0.00	31.48 1.18 0.00	40.15 2.63 0.00	44.09 3.04 0.00	41.75 2.99 0.00	40.46 2.93 0.00	45.33 3.28 0.00	41.74 3.13 0.00	40.68 2.98 0.00	40.72 2.95 0.00	42.55 3.23 0.00	45.89 3.40 0.00	51.89 4.59 -1.00	68.52 4.88 -14.87	62.43 4.63 -11.55	51.01 4.38 -0.54	46.66 3.57 0.00	42.36 3.43 0.00	38.17 3.09 0.00	36.98 2.83 0.00
BAYONEEC___CTG4 323685	32.22 1.21 0.00	30.67 0.98 0.00	29.50 0.97 0.00	29.12 0.88 0.00	29.88 0.87 0.00	31.48 1.18 0.00	40.15 2.63 0.00	44.09 3.04 0.00	41.75 2.99 0.00	40.46 2.93 0.00	45.33 3.28 0.00	41.74 3.13 0.00	40.68 2.98 0.00	40.72 2.95 0.00	42.55 3.23 0.00	45.89 3.40 0.00	51.89 4.59 -1.00	68.52 4.88 -14.87	62.43 4.63 -11.55	51.01 4.38 -0.54	46.66 3.57 0.00	42.36 3.43 0.00	38.17 3.09 0.00	36.98 2.83 0.00
BAYONEEC___CTG5 323686	32.22 1.21 0.00	30.67 0.98 0.00	29.50 0.97 0.00	29.12 0.88 0.00	29.88 0.87 0.00	31.48 1.18 0.00	40.15 2.63 0.00	44.09 3.04 0.00	41.75 2.99 0.00	40.46 2.93 0.00	45.33 3.28 0.00	41.74 3.13 0.00	40.68 2.98 0.00	40.72 2.95 0.00	42.55 3.23 0.00	45.89 3.40 0.00	51.89 4.59 -1.00	68.52 4.88 -14.87	62.43 4.63 -11.55	51.01 4.38 -0.54	46.66 3.57 0.00	42.36 3.43 0.00	38.17 3.09 0.00	36.98 2.83 0.00
BAYONEEC___CTG6 323687	32.22 1.21 0.00	30.67 0.98 0.00	29.50 0.97 0.00	29.12 0.88 0.00	29.88 0.87 0.00	31.48 1.18 0.00	40.15 2.63 0.00	44.09 3.04 0.00	41.75 2.99 0.00	40.46 2.93 0.00	45.33 3.28 0.00	41.74 3.13 0.00	40.68 2.98 0.00	40.72 2.95 0.00	42.55 3.23 0.00	45.89 3.40 0.00	51.89 4.59 -1.00	68.52 4.88 -14.87	62.43 4.63 -11.55	51.01 4.38 -0.54	46.66 3.57 0.00	42.36 3.43 0.00	38.17 3.09 0.00	36.98 2.83 0.00
BAYONEEC___CTG7 323688	32.22 1.21 0.00	30.67 0.98 0.00	29.50 0.97 0.00	29.12 0.88 0.00	29.88 0.87 0.00	31.48 1.18 0.00	40.15 2.63 0.00	44.09 3.04 0.00	41.75 2.99 0.00	40.46 2.93 0.00	45.33 3.28 0.00	41.74 3.13 0.00	40.68 2.98 0.00	40.72 2.95 0.00	42.55 3.23 0.00	45.89 3.40 0.00	51.89 4.59 -1.00	68.52 4.88 -14.87	62.43 4.63 -11.55	51.01 4.38 -0.54	46.66 3.57 0.00	42.36 3.43 0.00	38.17 3.09 0.00	36.98 2.83 0.00
BAYONEEC___CTG8 323689	32.22 1.21 0.00	30.67 0.98 0.00	29.50 0.97 0.00	29.12 0.88 0.00	29.88 0.87 0.00	31.48 1.18 0.00	40.15 2.63 0.00	44.09 3.04 0.00	41.75 2.99 0.00	40.46 2.93 0.00	45.33 3.28 0.00	41.74 3.13 0.00	40.68 2.98 0.00	40.72 2.95 0.00	42.55 3.23 0.00	45.89 3.40 0.00	51.89 4.59 -1.00	68.52 4.88 -14.87	62.43 4.63 -11.55	51.01 4.38 -0.54	46.66 3.57 0.00	42.36 3.43 0.00	38.17 3.09 0.00	36.98 2.83 0.00

BAYONEEC___CTG9 323749	32.22 1.21 0.00	30.67 0.98 0.00	29.50 0.97 0.00	29.12 0.88 0.00	29.88 0.87 0.00	31.48 1.18 0.00	40.15 2.63 0.00	44.09 3.04 0.00	41.75 2.99 0.00	40.46 2.93 0.00	45.33 3.28 0.00	41.74 3.13 0.00	40.68 2.98 0.00	40.72 2.95 0.00	42.55 3.23 0.00	45.89 3.40 0.00	51.89 4.59 -1.00	68.52 4.88 -14.87	62.43 4.63 -11.55	51.01 4.38 -0.54	46.66 3.57 0.00	42.36 3.43 0.00	38.17 3.09 0.00	36.98 2.83 0.00
BEACON___LESR 323632	31.91 0.90 0.00	30.47 0.77 0.00	29.27 0.74 0.00	29.01 0.76 0.00	29.80 0.78 0.00	31.30 1.00 0.00	38.80 1.28 0.00	42.45 1.40 0.00	39.97 1.20 0.00	38.73 1.20 0.00	43.69 1.64 0.00	40.27 1.66 0.00	39.28 1.58 0.00	39.32 1.55 0.00	40.98 1.65 0.00	44.27 1.78 0.00	49.94 2.31 -1.32	71.08 2.58 -19.72	63.84 2.27 -15.31	49.01 2.21 -0.71	45.07 1.98 0.00	40.77 1.83 0.00	36.66 1.58 0.00	35.65 1.50 0.00
BEAVER RIVER___HYD 24048	30.86 -0.15 0.00	29.64 -0.06 0.00	28.50 -0.03 0.00	28.19 -0.06 0.00	29.01 0.00 0.00	30.24 -0.06 0.00	37.52 0.00 0.00	41.26 0.21 0.00	38.77 0.00 0.00	37.42 -0.11 0.00	42.01 -0.04 0.00	38.58 -0.04 0.00	37.62 -0.08 0.00	37.77 0.00 0.00	39.40 0.08 0.00	42.49 0.00 0.00	46.63 0.28 -0.04	49.96 0.54 -0.65	47.18 0.42 -0.50	46.34 0.23 -0.02	43.26 0.17 0.00	39.01 0.08 0.00	35.05 -0.04 0.00	34.11 -0.03 0.00
BEEBEE_GT_13 23619	30.67 -0.34 0.00	29.43 -0.27 0.00	28.16 -0.37 0.00	27.96 -0.28 0.00	28.72 -0.29 0.00	29.99 -0.30 0.00	38.05 0.53 0.00	41.09 0.04 0.00	38.96 0.19 0.00	37.72 0.19 0.00	42.05 0.00 0.00	38.11 -0.50 0.00	37.25 -0.45 0.00	37.36 -0.42 0.00	38.85 -0.47 0.00	41.98 -0.51 0.00	46.62 0.19 -0.13	51.52 0.88 -1.87	47.66 -0.05 -1.45	45.74 -0.41 -0.07	42.14 -0.95 0.00	37.88 -1.05 0.00	34.17 -0.91 0.00	33.67 -0.48 0.00
BENSHRST_27_KV_BENSHRST_1 355998	32.62 1.61 0.00	31.03 1.34 0.00	29.78 1.26 0.00	29.43 1.19 0.00	30.17 1.16 0.00	31.75 1.45 0.00	40.53 3.00 0.00	44.38 3.33 0.00	42.06 3.30 0.00	40.83 3.30 0.00	45.66 3.62 0.00	42.13 3.51 0.00	41.09 3.39 0.00	41.17 3.40 0.00	42.94 3.62 0.00	46.48 3.99 0.00	52.74 5.42 -1.01	69.62 5.71 -15.14	63.56 5.55 -11.75	51.89 5.25 -0.54	47.14 4.05 0.00	42.83 3.89 0.00	38.63 3.54 0.00	37.54 3.38 -0.01
BETHLEHEM___GRP 23843	31.29 0.28 0.00	29.90 0.21 0.00	28.73 0.20 0.00	28.44 0.20 0.00	29.22 0.20 0.00	30.66 0.36 0.00	37.82 0.30 0.00	41.38 0.33 0.00	39.04 0.27 0.00	37.79 0.26 0.00	42.68 0.63 0.00	39.35 0.73 0.00	38.42 0.72 0.00	38.49 0.72 0.00	39.99 0.67 0.00	43.30 0.81 0.00	48.73 1.11 -1.31	69.65 1.27 -19.61	62.59 1.11 -15.22	47.86 1.06 -0.71	44.04 0.95 0.00	39.87 0.93 0.00	36.07 0.98 0.00	34.93 0.79 0.00
BETHLEHEM___GS1 323560	31.29 0.28 0.00	29.90 0.21 0.00	28.73 0.20 0.00	28.44 0.20 0.00	29.22 0.20 0.00	30.66 0.36 0.00	37.90 0.38 0.00	41.42 0.37 0.00	39.04 0.27 0.00	37.83 0.30 0.00	42.68 0.63 0.00	39.35 0.73 0.00	38.41 0.71 0.00	38.49 0.72 0.00	40.11 0.79 0.00	43.30 0.81 0.00	48.74 1.11 -1.32	69.77 1.27 -19.73	62.69 1.11 -15.32	47.86 1.06 -0.71	44.04 0.95 0.00	39.87 0.93 0.00	35.96 0.88 0.00	34.96 0.82 0.00
BETHLEHEM___GS2 323561	31.29 0.28 0.00	29.90 0.21 0.00	28.73 0.20 0.00	28.44 0.20 0.00	29.22 0.20 0.00	30.66 0.36 0.00	37.90 0.38 0.00	41.42 0.37 0.00	39.04 0.27 0.00	37.83 0.30 0.00	42.68 0.63 0.00	39.35 0.73 0.00	38.41 0.71 0.00	38.49 0.72 0.00	40.11 0.79 0.00	43.30 0.81 0.00	48.74 1.11 -1.32	69.77 1.27 -19.73	62.69 1.11 -15.32	47.86 1.06 -0.71	44.04 0.95 0.00	39.87 0.93 0.00	35.96 0.88 0.00	34.96 0.82 0.00
BETHLEHEM___GS3 323562	31.29 0.28 0.00	29.90 0.21 0.00	28.73 0.20 0.00	28.44 0.20 0.00	29.22 0.20 0.00	30.66 0.36 0.00	37.90 0.38 0.00	41.42 0.37 0.00	39.04 0.27 0.00	37.83 0.30 0.00	42.68 0.63 0.00	39.35 0.73 0.00	38.41 0.71 0.00	38.49 0.72 0.00	40.11 0.79 0.00	43.30 0.81 0.00	48.74 1.11 -1.32	69.77 1.27 -19.73	62.69 1.11 -15.32	47.86 1.06 -0.71	44.04 0.95 0.00	39.87 0.93 0.00	35.96 0.88 0.00	34.96 0.82 0.00
BETHLEHEM___STEEL 23779	31.29 0.28 0.00	30.14 0.45 0.00	28.84 0.31 0.00	28.70 0.45 0.00	29.51 0.49 0.00	30.72 0.42 0.00	39.25 1.73 0.00	41.75 0.70 0.00	39.62 0.85 0.00	38.28 0.75 0.00	42.51 0.46 0.00	38.30 -0.31 0.00	37.47 -0.23 0.00	37.58 -0.19 0.00	39.05 -0.28 0.00	42.11 -0.38 0.00	45.47 -0.97 -0.14	50.83 0.10 -1.96	46.54 -1.25 -1.53	44.51 -1.66 -0.08	42.23 -0.86 0.00	37.92 -1.01 0.00	34.28 -0.81 0.00	34.18 0.03 0.00
BETHLHEM_115KV_TB1 79974	31.38 0.37 0.00	29.99 0.30 0.00	28.81 0.29 0.00	28.53 0.28 0.00	29.30 0.29 0.00	30.75 0.45 0.00	37.97 0.45 0.00	41.55 0.49 0.00	39.16 0.39 0.00	37.94 0.41 0.00	42.80 0.76 0.00	39.42 0.81 0.00	38.49 0.79 0.00	38.56 0.79 0.00	40.11 0.79 0.00	43.43 0.93 0.00	48.87 1.25 -1.31	69.78 1.41 -19.59	62.72 1.25 -15.21	47.99 1.20 -0.71	44.17 1.08 0.00	39.95 1.01 0.00	36.14 1.05 0.00	35.03 0.89 0.00
BETHPAGE_CC_5 323564	37.78 2.26 -4.51	39.43 1.99 -7.74	35.93 1.94 -5.46	31.09 1.86 -0.98	32.20 1.86 -1.33	37.71 2.24 -5.17	45.67 3.83 -4.31	51.19 4.19 -5.95	47.87 4.23 -4.87	45.44 3.98 -3.93	53.47 4.45 -6.97	45.47 4.17 -2.68	46.39 3.96 -4.73	45.71 3.96 -3.97	46.52 4.33 -2.87	52.09 4.59 -5.01	55.69 5.74 -3.65	71.52 6.10 -16.65	67.54 5.74 -15.54	59.99 5.48 -8.42	56.21 4.70 -8.42	48.06 4.44 -4.69	42.98 4.17 -3.72	42.30 3.86 -4.30
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.48 0.47 0.00	30.29 0.59 0.00	29.01 0.48 0.00	28.84 0.59 0.00	29.65 0.64 0.00	30.90 0.61 0.00	39.51 1.99 0.00	42.00 0.94 0.00	39.85 1.09 0.00	38.51 0.98 0.00	42.76 0.71 0.00	38.54 -0.08 0.00	37.70 0.00 0.00	37.81 0.04 0.00	39.28 -0.04 0.00	42.41 -0.08 0.00	45.52 -0.93 -0.14	50.92 0.15 -2.00	46.56 -1.25 -1.55	44.55 -1.61 -0.08	42.53 -0.56 0.00	38.16 -0.78 0.00	34.49 -0.60 0.00	34.35 0.20 0.00
BINGHAMTON___COGEN 23790	31.38 0.37 0.00	30.08 0.39 0.00	28.87 0.34 0.00	28.61 0.37 0.00	29.39 0.38 0.00	30.75 0.45 0.00	38.69 1.16 0.00	42.16 1.11 0.00	39.85 1.09 0.00	38.58 1.05 0.00	43.10 1.05 0.00	39.42 0.81 0.00	38.49 0.79 0.00	38.56 0.79 0.00	40.15 0.83 0.00	43.43 0.93 0.00	47.80 1.16 -0.34	55.43 1.61 -5.04	51.24 1.06 -3.91	47.15 0.88 -0.18	43.99 0.90 0.00	39.64 0.70 0.00	35.71 0.63 0.00	34.86 0.72 0.00
BIXINCNT_115KV_LOAD 355685	31.94 0.93 0.00	30.79 1.10 0.00	29.47 0.94 0.00	29.32 1.07 0.00	30.14 1.13 0.00	31.51 1.21 0.00	40.41 2.89 0.00	42.98 1.93 0.00	40.86 2.09 0.00	39.37 1.84 0.00	43.65 1.60 0.00	39.42 0.81 0.00	38.60 0.90 0.00	38.72 0.94 0.00	40.19 0.87 0.00	43.30 0.81 0.00	45.76 -0.69 -0.15	51.41 0.49 -2.15	46.96 -0.97 -1.67	44.84 -1.34 -0.08	43.39 0.30 0.00	38.97 0.04 0.00	35.15 0.07 0.00	34.97 0.82 0.00

BLACK RIVER___HYD 24047	30.73 -0.28 0.00	29.49 -0.21 0.00	28.36 -0.17 0.00	28.05 -0.20 0.00	28.87 -0.14 0.00	30.15 -0.15 0.00	37.56 0.04 0.00	41.30 0.25 0.00	38.77 0.00 0.00	37.42 -0.11 0.00	41.92 -0.13 0.00	38.50 -0.12 0.00	37.51 -0.19 0.00	37.66 -0.11 0.00	39.28 -0.04 0.00	42.53 0.04 0.00	46.92 0.56 -0.06	50.76 1.12 -0.87	47.67 0.74 -0.67	46.63 0.51 -0.03	43.39 0.30 0.00	39.01 0.08 0.00	35.01 -0.07 0.00	34.08 -0.07 0.00
BLACKRVR_115KV_TB2 79977	30.73 -0.28 0.00	29.49 -0.21 0.00	28.36 -0.17 0.00	28.05 -0.20 0.00	28.87 -0.15 0.00	30.12 -0.18 0.00	37.56 0.04 0.00	41.34 0.29 0.00	38.85 0.08 0.00	37.49 -0.04 0.00	42.01 -0.04 0.00	38.58 -0.04 0.00	37.55 -0.15 0.00	37.73 -0.04 0.00	39.32 0.00 0.00	42.49 0.00 0.00	46.92 0.56 -0.06	50.77 1.12 -0.87	47.68 0.74 -0.68	46.63 0.51 -0.03	43.39 0.30 0.00	39.05 0.12 0.00	35.01 -0.07 0.00	34.08 -0.07 0.00
BLISS_WT_PWR 323608	31.91 0.90 0.00	30.76 1.07 0.00	29.44 0.91 0.00	29.29 1.05 0.00	30.12 1.10 0.00	31.51 1.21 0.00	40.41 2.89 0.00	42.98 1.93 0.00	40.94 2.17 0.00	39.41 1.88 0.00	43.65 1.60 0.00	39.46 0.85 0.00	38.60 0.90 0.00	38.79 1.02 0.00	39.83 0.51 0.00	43.30 0.81 0.00	45.62 -0.83 -0.15	51.35 0.44 -2.14	46.86 -1.06 -1.66	44.83 -1.34 -0.08	43.35 0.26 0.00	38.90 -0.04 0.00	35.12 0.04 0.00	34.83 0.68 0.00
BLUESTONE___WT_PWR 323821	33.18 2.17 0.00	31.77 2.08 0.00	30.58 2.06 0.00	30.25 2.01 0.00	31.10 2.09 0.00	32.66 2.36 0.00	41.39 3.87 0.00	45.45 4.39 0.00	42.84 4.07 0.00	41.28 3.75 0.00	46.13 4.08 0.00	42.16 3.55 0.00	41.17 3.47 0.00	41.28 3.51 0.00	43.02 3.70 0.00	46.70 4.21 0.00	51.75 5.09 -0.35	60.22 6.19 -5.25	55.52 5.18 -4.08	51.07 4.79 -0.19	47.49 4.40 0.00	42.59 3.66 0.00	38.20 3.12 0.00	37.22 3.07 0.00
BLUE_CIRC_CHEM_DRP 24182	31.85 0.84 0.00	30.47 0.77 0.00	29.27 0.74 0.00	28.98 0.73 0.00	29.77 0.75 0.00	31.24 0.94 0.00	38.54 1.01 0.00	42.12 1.07 0.00	39.70 0.93 0.00	38.43 0.90 0.00	43.31 1.26 0.00	39.85 1.24 0.00	38.91 1.21 0.00	38.98 1.21 0.00	40.54 1.22 0.00	43.89 1.40 0.00	49.40 1.81 -1.29	70.02 2.00 -19.25	63.00 1.80 -14.94	48.58 1.80 -0.69	44.73 1.64 0.00	40.41 1.48 0.00	36.52 1.44 0.00	35.44 1.30 0.00
BOC_GAS_DRP 24189	31.63 0.62 0.00	30.23 0.53 0.00	29.04 0.51 0.00	28.75 0.51 0.00	29.51 0.49 0.00	30.96 0.67 0.00	38.31 0.79 0.00	41.92 0.86 0.00	39.54 0.78 0.00	38.32 0.79 0.00	43.14 1.09 0.00	39.69 1.08 0.00	38.72 1.02 0.00	38.79 1.02 0.00	40.39 1.06 0.00	43.72 1.23 0.00	49.19 1.57 -1.31	70.03 1.76 -19.50	62.97 1.57 -15.14	48.31 1.52 -0.70	44.42 1.34 0.00	40.18 1.25 0.00	36.28 1.19 0.00	35.21 1.06 0.00
BOONVILLE_115KV_TB1 79983	31.54 0.53 0.00	30.23 0.53 0.00	29.07 0.54 0.00	28.75 0.51 0.00	29.56 0.55 0.00	30.93 0.64 0.00	38.57 1.05 0.00	42.37 1.31 0.00	39.93 1.16 0.00	38.58 1.05 0.00	43.27 1.22 0.00	39.66 1.04 0.00	38.72 1.02 0.00	38.83 1.06 0.00	40.50 1.18 0.00	43.77 1.27 0.00	48.06 1.71 -0.04	51.42 2.05 -0.60	48.44 1.71 -0.46	47.59 1.47 -0.02	44.38 1.29 0.00	39.99 1.05 0.00	35.93 0.84 0.00	35.00 0.85 0.00
BORALEX_4TH_BRANCH 23824	32.62 1.61 0.00	31.15 1.46 0.00	29.93 1.40 0.00	29.63 1.38 0.00	30.43 1.42 0.00	31.99 1.70 0.00	40.64 3.11 0.00	44.54 3.49 0.00	42.06 3.30 0.00	40.68 3.15 0.00	45.71 3.66 0.00	42.01 3.40 0.00	40.94 3.24 0.00	40.98 3.21 0.00	42.74 3.42 0.00	46.27 3.78 0.00	52.24 4.63 -1.31	73.34 5.07 -19.49	66.06 4.67 -15.13	51.40 4.61 -0.70	47.10 4.01 0.00	42.60 3.66 0.00	38.38 3.30 0.00	37.25 3.11 0.00
BOWLINE___1 23526	32.00 0.99 0.00	30.50 0.80 0.00	29.33 0.80 0.00	29.01 0.76 0.00	29.74 0.73 0.00	31.30 1.00 0.00	39.74 2.21 0.00	43.56 2.50 0.00	41.17 2.40 0.00	39.78 2.25 0.00	44.57 2.52 0.00	41.05 2.43 0.00	40.00 2.30 0.00	40.04 2.27 0.00	41.84 2.52 0.00	45.17 2.68 0.00	50.97 3.71 -0.95	67.06 4.05 -14.24	61.06 3.75 -11.05	50.10 3.50 -0.51	45.98 2.89 0.00	41.70 2.76 0.00	37.61 2.53 0.00	36.40 2.25 0.00
BOWLINE___2 23595	32.00 0.99 0.00	30.50 0.80 0.00	29.33 0.80 0.00	29.01 0.76 0.00	29.74 0.73 0.00	31.30 1.00 0.00	39.74 2.21 0.00	43.52 2.46 0.00	41.17 2.40 0.00	39.74 2.21 0.00	44.53 2.48 0.00	41.01 2.39 0.00	40.00 2.30 0.00	40.04 2.27 0.00	41.80 2.48 0.00	45.13 2.64 0.00	50.92 3.66 -0.95	67.01 4.00 -14.24	61.02 3.70 -11.05	50.06 3.46 -0.51	45.93 2.84 0.00	41.66 2.72 0.00	37.57 2.49 0.00	36.40 2.25 0.00
BRADY___115KV_TB2 356060	31.73 0.71 0.00	30.62 0.92 0.00	29.44 0.91 0.00	29.09 0.85 0.00	29.94 0.93 0.00	30.93 0.64 0.00	37.64 0.11 0.00	41.38 0.33 0.00	38.96 0.19 0.00	37.68 0.15 0.00	42.38 0.34 0.00	39.04 0.42 0.00	38.11 0.41 0.00	38.26 0.49 0.00	39.84 0.51 0.00	42.75 0.25 0.00	45.98 -0.32 0.00	47.65 -1.12 0.00	45.94 -0.32 0.00	45.90 -0.18 0.00	43.22 0.13 0.00	39.25 0.31 0.00	35.26 0.18 0.00	34.42 0.27 0.00
BRANSCOMB___SOLAR 323811	32.28 1.27 0.00	30.88 1.19 0.00	29.64 1.11 0.00	29.40 1.16 0.00	30.20 1.19 0.00	31.75 1.45 0.00	39.74 2.21 0.00	43.60 2.55 0.00	41.02 2.25 0.00	39.63 2.10 0.00	44.57 2.52 0.00	40.85 2.24 0.00	39.85 2.15 0.00	39.85 2.08 0.00	41.52 2.20 0.00	44.95 2.46 0.00	50.85 3.19 -1.35	72.51 3.61 -20.13	65.07 3.19 -15.62	49.90 3.09 -0.72	45.81 2.72 0.00	41.50 2.57 0.00	37.29 2.21 0.00	36.26 2.12 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	35.76 2.92 -1.84	35.40 2.55 -3.16	33.23 2.48 -2.23	31.04 2.40 -0.40	31.99 2.44 -0.54	35.28 2.88 -2.11	43.98 4.69 -1.76	48.63 5.13 -2.44	45.76 5.00 -1.99	44.06 4.92 -1.61	49.98 5.09 -2.84	44.38 4.67 -1.09	44.11 4.49 -1.93	43.88 4.49 -1.62	45.29 4.80 -1.17	49.89 5.35 -2.05	54.93 6.53 -2.10	71.84 7.17 -15.89	66.36 6.66 -13.44	56.31 6.36 -3.87	52.11 5.47 -3.55	45.96 5.10 -1.92	41.44 4.84 -1.51	40.44 4.54 -1.75
BRISTLHL_115KV_TB1 79998	30.42 -0.59 0.00	29.16 -0.53 0.00	28.01 -0.51 0.00	27.74 -0.51 0.00	28.49 -0.52 0.00	29.72 -0.58 0.00	37.15 -0.38 0.00	40.64 -0.41 0.00	38.42 -0.35 0.00	37.19 -0.34 0.00	41.63 -0.42 0.00	38.15 -0.46 0.00	37.21 -0.49 0.00	37.28 -0.49 0.00	38.77 -0.55 0.00	41.94 -0.55 0.00	46.12 -0.28 -0.09	50.09 0.00 -1.32	46.96 -0.32 -1.02	45.72 -0.41 -0.05	42.53 -0.56 0.00	38.35 -0.58 0.00	34.56 -0.53 0.00	33.63 -0.51 0.00
BROOKHAVEN___DRP 24191	35.58 3.04 -1.53	34.97 2.64 -2.64	32.95 2.57 -1.86	31.06 2.49 -0.33	31.96 2.50 -0.45	35.05 3.00 -1.76	43.92 4.92 -1.48	48.56 5.46 -2.05	45.67 5.23 -1.67	43.98 5.10 -1.35	49.72 5.30 -2.37	44.39 4.87 -0.91	43.94 4.64 -1.61	43.73 4.61 -1.35	45.33 5.03 -0.97	49.90 5.69 -1.72	55.14 6.90 -1.93	72.17 7.61 -15.79	66.53 7.08 -13.19	56.22 6.78 -3.35	51.94 5.86 -2.99	46.03 5.49 -1.61	41.36 5.02 -1.26	40.25 4.64 -1.46

BROOKLYN_NAVY_YARD 23515	32.16 1.15 0.00	30.62 0.92 0.00	29.44 0.91 0.00	29.06 0.82 0.00	29.82 0.81 0.00	31.42 1.12 0.00	40.11 2.59 0.00	44.05 3.00 0.00	41.75 2.99 0.00	40.46 2.93 0.00	45.33 3.28 0.00	41.74 3.13 0.00	40.68 2.98 0.00	40.72 2.95 0.00	42.55 3.23 0.00	45.89 3.40 0.00	51.93 4.63 -1.00	68.52 4.88 -14.87	62.48 4.67 -11.55	51.05 4.43 -0.54	46.66 3.57 0.00	42.32 3.39 0.00	38.13 3.05 0.00	36.95 2.80 0.00
BROOKLYN___ARMY_DRP 323595	32.50 1.49 0.00	30.94 1.25 0.00	29.70 1.17 0.00	29.35 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.41 2.89 0.00	44.21 3.16 0.00	41.91 3.14 0.00	40.65 3.12 0.00	45.50 3.45 0.00	41.97 3.36 0.00	40.94 3.24 0.00	41.02 3.25 0.00	42.78 3.46 0.00	46.27 3.78 0.00	52.51 5.19 -1.01	69.37 5.46 -15.14	63.33 5.32 -11.75	51.66 5.02 -0.54	46.97 3.88 0.00	42.67 3.74 0.00	38.49 3.40 0.00	37.40 3.24 -0.01
BROOKVLE_69_KV_TB1 55790	40.62 2.05 -7.56	44.48 1.81 -12.97	39.42 1.74 -9.16	31.58 1.69 -1.65	32.93 1.68 -2.24	41.02 2.06 -8.66	49.25 3.64 -8.09	56.17 3.98 -11.14	51.82 3.92 -9.13	48.73 3.83 -7.37	57.93 4.20 -11.68	47.01 3.90 -4.50	49.40 3.77 -7.93	48.17 3.74 -6.66	48.15 4.01 -4.81	56.26 4.38 -9.39	57.71 5.42 -5.98	73.12 5.85 -18.49	71.06 5.50 -19.29	66.79 5.25 -15.44	63.50 4.48 -15.93	51.90 4.17 -8.79	45.87 3.82 -6.97	44.90 3.55 -7.20
BROOME_2_LFGE 323671	31.39 0.37 0.00	30.08 0.39 0.00	28.87 0.34 0.00	28.61 0.37 0.00	29.39 0.38 0.00	30.75 0.46 0.00	38.69 1.16 0.00	42.16 1.11 0.00	39.89 1.12 0.00	38.58 1.05 0.00	43.10 1.05 0.00	39.43 0.81 0.00	38.49 0.79 0.00	38.57 0.79 0.00	40.11 0.79 0.00	43.47 0.98 0.00	47.75 1.11 -0.34	55.40 1.61 -5.02	51.22 1.06 -3.90	47.14 0.87 -0.18	44.00 0.91 0.00	39.64 0.70 0.00	35.72 0.63 0.00	34.83 0.68 0.00
BROOME___LFGE 323600	31.39 0.37 0.00	30.08 0.39 0.00	28.87 0.34 0.00	28.61 0.37 0.00	29.39 0.38 0.00	30.75 0.46 0.00	38.69 1.16 0.00	42.16 1.11 0.00	39.89 1.12 0.00	38.58 1.05 0.00	43.10 1.05 0.00	39.43 0.81 0.00	38.49 0.79 0.00	38.57 0.79 0.00	40.11 0.79 0.00	43.47 0.98 0.00	47.75 1.11 -0.34	55.40 1.61 -5.02	51.22 1.06 -3.90	47.14 0.87 -0.18	44.00 0.91 0.00	39.64 0.70 0.00	35.72 0.63 0.00	34.83 0.68 0.00
BROWNFLS_115KV_TB_3_5 80003	30.95 -0.06 0.00	29.78 0.09 0.00	28.64 0.11 0.00	28.33 0.08 0.00	29.16 0.15 0.00	30.24 -0.06 0.00	37.07 -0.45 0.00	40.81 -0.25 0.00	38.38 -0.39 0.00	37.08 -0.45 0.00	41.71 -0.34 0.00	38.38 -0.23 0.00	37.44 -0.26 0.00	37.58 -0.19 0.00	39.17 -0.16 0.00	41.98 -0.51 0.00	45.69 -0.65 -0.03	48.30 -0.93 -0.46	46.06 -0.56 -0.36	45.46 -0.65 -0.02	42.66 -0.43 0.00	38.70 -0.23 0.00	34.77 -0.32 0.00	33.91 -0.24 0.00
BROWNSV1_27_KV_LOAD 356125	32.47 1.46 0.00	30.91 1.22 0.00	29.70 1.17 0.00	29.35 1.10 0.00	30.09 1.07 0.00	31.72 1.42 0.00	40.49 2.96 0.00	44.42 3.37 0.00	42.10 3.33 0.00	40.80 3.27 0.00	45.66 3.62 0.00	42.09 3.48 0.00	41.02 3.32 0.00	41.06 3.29 0.00	42.82 3.50 0.00	46.36 3.87 0.00	52.42 5.09 -1.01	69.37 5.46 -15.14	63.19 5.18 -11.75	51.52 4.89 -0.54	47.05 3.96 0.00	42.67 3.74 0.00	38.45 3.37 0.00	37.25 3.11 0.00
BURROWS___LYONSDAL 23803	31.42 0.40 0.00	30.11 0.42 0.00	28.96 0.43 0.00	28.64 0.40 0.00	29.45 0.44 0.00	30.81 0.52 0.00	38.39 0.86 0.00	42.16 1.11 0.00	39.70 0.93 0.00	38.36 0.83 0.00	43.02 0.97 0.00	39.46 0.85 0.00	38.49 0.79 0.00	38.60 0.83 0.00	40.27 0.94 0.00	43.51 1.02 0.00	47.78 1.44 -0.04	51.18 1.80 -0.61	48.17 1.43 -0.47	47.36 1.24 -0.02	44.17 1.08 0.00	39.79 0.86 0.00	35.75 0.67 0.00	34.83 0.68 0.00
CAITHNESS_CC_1 323624	35.45 2.91 -1.52	34.84 2.52 -2.62	32.86 2.48 -1.85	30.94 2.37 -0.33	31.87 2.41 -0.45	34.93 2.88 -1.75	43.72 4.73 -1.47	48.22 5.13 -2.04	45.50 5.08 -1.66	43.64 4.77 -1.34	49.62 5.21 -2.36	44.34 4.83 -0.90	43.78 4.48 -1.60	43.57 4.45 -1.34	45.37 5.07 -0.97	49.72 5.52 -1.71	55.02 6.81 -1.91	71.66 7.37 -15.52	66.13 6.89 -12.98	56.06 6.64 -3.33	51.80 5.73 -2.98	45.91 5.37 -1.60	41.30 4.95 -1.27	40.11 4.51 -1.45
CALPINE BETH_PAGE_GT4 24209	38.93 2.11 -5.81	41.48 1.81 -9.97	37.33 1.77 -7.04	31.20 1.69 -1.26	32.44 1.71 -1.72	39.05 2.09 -6.66	46.76 3.68 -5.56	52.74 4.02 -7.66	49.00 3.95 -6.28	46.50 3.90 -5.07	55.23 4.20 -8.97	45.93 3.86 -3.46	47.52 3.73 -6.09	46.63 3.74 -5.11	46.99 3.97 -3.70	53.28 4.33 -6.46	56.06 5.33 -4.43	71.99 5.80 -17.41	68.53 5.41 -16.86	61.93 5.21 -10.63	58.26 4.40 -10.78	49.11 4.13 -6.05	43.80 3.93 -4.79	43.33 3.65 -5.53
CALPINE_BETH_PAGE_GT_4 323586	38.93 2.11 -5.81	41.51 1.84 -9.97	37.36 1.80 -7.04	31.23 1.72 -1.26	32.44 1.71 -1.72	39.04 2.09 -6.66	46.72 3.64 -5.56	52.70 3.98 -7.66	49.04 3.99 -6.28	46.39 3.79 -5.07	55.31 4.29 -8.97	46.08 3.81 -3.46	47.60 3.78 -6.09	46.66 3.78 -5.11	47.19 4.17 -3.70	53.37 4.42 -6.46	56.23 5.51 -4.41	71.77 5.85 -17.15	68.42 5.50 -16.66	61.96 5.25 -10.62	58.35 4.48 -10.78	49.23 4.24 -6.05	43.88 4.00 -4.80	43.37 3.69 -5.53
CALPINE_BP_GT1 23823	38.93 2.11 -5.81	41.51 1.84 -9.97	37.36 1.80 -7.04	31.23 1.72 -1.26	32.44 1.71 -1.72	39.04 2.09 -6.66	46.72 3.64 -5.56	52.70 3.98 -7.66	49.04 3.99 -6.28	46.39 3.79 -5.07	55.31 4.29 -8.97	46.08 3.81 -3.46	47.60 3.78 -6.09	46.66 3.78 -5.11	47.19 4.17 -3.70	53.37 4.42 -6.46	56.23 5.51 -4.41	71.77 5.85 -17.15	68.42 5.50 -16.66	61.96 5.25 -10.62	58.35 4.48 -10.78	49.23 4.24 -6.05	43.88 4.00 -4.80	43.37 3.69 -5.53
CALSPAN___DRP 24200	31.29 0.28 0.00	30.14 0.45 0.00	28.84 0.31 0.00	28.70 0.45 0.00	29.51 0.49 0.00	30.72 0.42 0.00	39.25 1.73 0.00	41.75 0.70 0.00	39.62 0.85 0.00	38.28 0.75 0.00	42.51 0.46 0.00	38.30 -0.31 0.00	37.47 -0.23 0.00	37.58 -0.19 0.00	39.05 -0.28 0.00	42.11 -0.38 0.00	45.47 -0.97 -0.14	50.83 0.10 -1.96	46.54 -1.25 -1.53	44.51 -1.66 -0.08	42.23 -0.86 0.00	37.92 -1.01 0.00	34.28 -0.81 0.00	34.18 0.03 0.00
CALVERTON___SOLAR 323806	35.74 3.19 -1.54	35.13 2.79 -2.64	33.13 2.74 -1.86	31.17 2.60 -0.33	32.10 2.64 -0.45	35.24 3.18 -1.76	44.14 5.14 -1.48	48.73 5.62 -2.05	45.94 5.50 -1.67	44.06 5.18 -1.35	50.06 5.64 -2.38	44.74 5.21 -0.91	44.14 4.83 -1.61	43.92 4.80 -1.35	45.76 5.46 -0.98	50.24 6.03 -1.72	55.58 7.36 -1.91	72.30 8.00 -15.53	66.74 7.49 -12.99	56.67 7.24 -3.35	52.38 6.29 -3.00	46.38 5.84 -1.61	41.66 5.30 -1.28	40.43 4.82 -1.46
CANDIGU_WT_PWR 323617	31.29 0.28 0.00	30.11 0.42 0.00	28.90 0.37 0.00	28.72 0.48 0.00	29.54 0.52 0.00	30.90 0.61 0.00	39.36 1.84 0.00	42.37 1.31 0.00	40.20 1.44 0.00	38.92 1.39 0.00	43.22 1.18 0.00	39.23 0.62 0.00	38.34 0.64 0.00	38.49 0.72 0.00	39.80 0.47 0.00	43.21 0.72 0.00	47.04 0.51 -0.22	53.40 1.42 -3.21	49.12 0.37 -2.49	46.25 0.05 -0.12	43.52 0.43 0.00	39.13 0.20 0.00	35.29 0.21 0.00	34.76 0.62 0.00

CARR STREET_E__SYR 24060	30.58 -0.43 0.00	29.31 -0.39 0.00	28.13 -0.40 0.00	27.88 -0.37 0.00	28.64 -0.38 0.00	29.81 -0.49 0.00	37.19 -0.34 0.00	40.60 -0.45 0.00	38.42 -0.35 0.00	37.19 -0.34 0.00	41.63 -0.42 0.00	38.11 -0.50 0.00	37.17 -0.53 0.00	37.28 -0.49 0.00	38.77 -0.55 0.00	41.98 -0.51 0.00	46.13 -0.28 -0.10	50.24 0.00 -1.46	47.08 -0.32 -1.14	45.68 -0.46 -0.05	42.49 -0.60 0.00	38.27 -0.66 0.00	34.49 -0.60 0.00	33.60 -0.55 0.00
CARTHAGE__PAPER 23857	30.76 -0.25 0.00	29.52 -0.18 0.00	28.39 -0.14 0.00	28.08 -0.17 0.00	28.90 -0.12 0.00	30.15 -0.15 0.00	37.49 -0.04 0.00	41.18 0.12 0.00	38.69 -0.08 0.00	37.34 -0.19 0.00	41.84 -0.21 0.00	38.46 -0.15 0.00	37.48 -0.22 0.00	37.62 -0.15 0.00	39.25 -0.08 0.00	42.41 -0.08 0.00	46.64 0.28 -0.05	50.19 0.63 -0.78	47.33 0.46 -0.61	46.40 0.28 -0.03	43.26 0.17 0.00	38.94 0.00 0.00	34.94 -0.14 0.00	34.01 -0.14 0.00
CASSADAGA_WT_PWR 323784	32.07 1.06 0.00	30.88 1.19 0.00	29.61 1.08 0.00	29.49 1.24 0.00	30.41 1.39 0.00	31.72 1.42 0.00	40.83 3.30 0.00	43.56 2.50 0.00	41.33 2.56 0.00	39.93 2.40 0.00	44.32 2.27 0.00	39.89 1.27 0.00	39.02 1.32 0.00	39.13 1.36 0.00	40.27 0.94 0.00	43.85 1.36 0.00	47.15 0.70 -0.15	53.01 2.10 -2.14	48.38 0.46 -1.66	46.26 0.09 -0.08	44.00 0.91 0.00	39.40 0.47 0.00	35.57 0.49 0.00	35.21 1.06 0.00
CE_DUNWOOD__DRP 24194	32.28 1.27 0.00	30.73 1.04 0.00	29.55 1.03 0.00	29.23 0.99 0.00	29.97 0.96 0.00	31.54 1.24 0.00	40.15 2.63 0.00	44.01 2.96 0.00	41.68 2.91 0.00	40.38 2.85 0.00	45.16 3.11 0.00	41.59 2.97 0.00	40.53 2.83 0.00	40.57 2.80 0.00	42.35 3.03 0.00	45.85 3.36 0.00	51.81 4.49 -1.01	68.72 4.83 -15.12	62.53 4.53 -11.73	50.92 4.29 -0.54	46.62 3.53 0.00	42.21 3.27 0.00	38.07 2.98 0.00	36.88 2.73 0.00
CE_MILLWOOD__DRP 24193	32.22 1.21 0.00	30.70 1.01 0.00	29.53 1.00 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.51 1.21 0.00	40.08 2.55 0.00	43.93 2.87 0.00	41.60 2.83 0.00	40.27 2.74 0.00	45.08 3.03 0.00	41.51 2.90 0.00	40.45 2.75 0.00	40.49 2.72 0.00	42.23 2.91 0.00	45.76 3.27 0.00	51.67 4.35 -1.01	68.60 4.73 -15.10	62.42 4.44 -11.72	50.78 4.15 -0.54	46.54 3.45 0.00	42.13 3.19 0.00	37.96 2.88 0.00	36.78 2.63 0.00
CE_NYC2_DRP 24202	32.35 1.33 0.00	30.79 1.10 0.00	29.58 1.06 0.00	29.23 0.99 0.00	29.97 0.96 0.00	31.57 1.27 0.00	40.26 2.74 0.00	44.05 3.00 0.00	41.75 2.99 0.00	40.53 3.00 0.00	45.37 3.32 0.00	41.90 3.28 0.00	40.83 3.13 0.00	40.91 3.14 0.00	42.67 3.34 0.00	46.14 3.65 0.00	52.23 4.91 -1.01	69.08 5.17 -15.14	63.01 5.00 -11.75	51.38 4.75 -0.54	46.79 3.71 0.00	42.52 3.58 0.00	38.35 3.26 0.00	37.23 3.07 -0.01
CE_NYC_DRP 24195	32.25 1.24 0.00	30.73 1.04 0.00	29.53 1.00 0.00	29.18 0.93 0.00	29.91 0.90 0.00	31.51 1.21 0.00	40.23 2.70 0.00	44.09 3.04 0.00	41.79 3.02 0.00	40.50 2.96 0.00	45.33 3.28 0.00	41.78 3.17 0.00	40.72 3.02 0.00	40.76 2.98 0.00	42.51 3.19 0.00	46.02 3.53 0.00	52.05 4.72 -1.01	68.93 5.02 -15.14	62.77 4.76 -11.75	51.10 4.47 -0.54	46.71 3.62 0.00	42.36 3.43 0.00	38.17 3.09 0.00	36.98 2.83 0.00
CHAFFEE__LFGE 323603	31.41 0.40 0.00	30.26 0.56 0.00	28.96 0.43 0.00	28.81 0.56 0.00	29.59 0.58 0.00	30.84 0.55 0.00	39.44 1.91 0.00	41.96 0.90 0.00	39.81 1.05 0.00	38.54 1.01 0.00	42.72 0.67 0.00	38.50 -0.12 0.00	37.66 -0.04 0.00	37.81 0.04 0.00	38.85 -0.47 0.00	42.36 -0.13 0.00	45.52 -0.93 -0.14	51.01 0.20 -2.05	46.70 -1.15 -1.59	44.60 -1.57 -0.08	42.44 -0.65 0.00	38.04 -0.89 0.00	34.42 -0.67 0.00	34.18 0.03 0.00
CHATEAUG_35_KV_LOAD 355732	32.25 1.24 0.00	30.97 1.28 0.00	29.75 1.23 0.00	29.43 1.19 0.00	30.35 1.33 0.00	31.54 1.24 0.00	38.12 0.60 0.00	41.79 0.74 0.00	39.27 0.50 0.00	38.06 0.53 0.00	42.59 0.55 0.00	39.23 0.62 0.00	38.30 0.60 0.00	38.34 0.57 0.00	39.84 0.51 0.00	42.87 0.38 0.00	45.84 -0.46 0.00	47.94 -0.83 0.00	45.84 -0.42 0.00	45.81 -0.28 0.00	43.48 0.39 0.00	39.44 0.51 0.00	35.26 0.18 0.00	34.73 0.58 0.00
CHATEAUG_WT_PWR 323614	32.16 1.15 0.00	30.88 1.19 0.00	29.70 1.17 0.00	29.34 1.10 0.00	30.26 1.25 0.00	31.48 1.18 0.00	37.98 0.45 0.00	41.67 0.62 0.00	39.16 0.39 0.00	37.94 0.41 0.00	42.51 0.46 0.00	39.11 0.50 0.00	38.15 0.45 0.00	38.23 0.45 0.00	39.64 0.31 0.00	42.66 0.17 0.00	45.61 -0.69 0.00	47.65 -1.12 0.00	45.57 -0.69 0.00	45.54 -0.55 0.00	43.26 0.17 0.00	39.25 0.31 0.00	35.12 0.04 0.00	34.62 0.48 0.00
CHAT_HIGH_FALL_HYD 323578	32.25 1.24 0.00	30.97 1.28 0.00	29.75 1.23 0.00	29.43 1.19 0.00	30.35 1.34 0.00	31.54 1.24 0.00	38.09 0.56 0.00	41.79 0.74 0.00	39.31 0.54 0.00	38.06 0.53 0.00	42.64 0.59 0.00	39.23 0.62 0.00	38.30 0.60 0.00	38.34 0.57 0.00	39.83 0.51 0.00	42.87 0.38 0.00	45.89 -0.42 0.00	47.94 -0.83 0.00	45.84 -0.42 0.00	45.81 -0.27 0.00	43.48 0.39 0.00	39.44 0.50 0.00	35.29 0.21 0.00	34.73 0.58 0.00
CHAUTAUQUA__LFGE 323629	31.60 0.59 0.00	30.44 0.74 0.00	29.15 0.63 0.00	29.01 0.76 0.00	29.82 0.81 0.00	31.12 0.82 0.00	39.85 2.33 0.00	42.45 1.40 0.00	40.32 1.55 0.00	38.99 1.46 0.00	43.22 1.18 0.00	38.96 0.35 0.00	38.12 0.42 0.00	38.23 0.45 0.00	39.32 0.00 0.00	42.83 0.34 0.00	46.32 -0.14 -0.15	51.99 1.12 -2.10	47.52 -0.37 -1.63	45.43 -0.74 -0.08	43.00 -0.09 0.00	38.51 -0.43 0.00	34.80 -0.28 0.00	34.52 0.38 0.00
CHERRYST_13_KV_LD 356241	32.35 1.33 0.00	30.79 1.10 0.00	29.61 1.08 0.00	29.23 0.99 0.00	29.97 0.96 0.00	31.57 1.27 0.00	40.34 2.81 0.00	44.21 3.16 0.00	41.91 3.14 0.00	40.65 3.12 0.00	45.45 3.41 0.00	41.90 3.28 0.00	40.83 3.13 0.00	40.87 3.10 0.00	42.67 3.34 0.00	46.14 3.65 0.00	52.18 4.86 -1.01	69.08 5.17 -15.14	62.91 4.90 -11.75	51.24 4.61 -0.54	46.84 3.75 0.00	42.44 3.50 0.00	38.28 3.19 0.00	37.08 2.94 0.00
CHESTROR_138KV_BK263 355645	31.88 0.87 0.00	30.41 0.71 0.00	29.24 0.71 0.00	28.95 0.71 0.00	29.68 0.67 0.00	31.21 0.91 0.00	39.51 1.99 0.00	43.23 2.18 0.00	40.86 2.09 0.00	39.52 1.99 0.00	44.23 2.19 0.00	40.74 2.12 0.00	39.74 2.04 0.00	39.77 2.00 0.00	41.49 2.16 0.00	44.91 2.42 0.00	50.57 3.33 -0.93	66.31 3.66 -13.88	60.41 3.38 -10.77	49.77 3.18 -0.50	45.72 2.63 0.00	41.39 2.45 0.00	37.29 2.21 0.00	36.16 2.01 0.00
CH_MIDHUDSON__DRP 24192	32.28 1.27 0.00	30.79 1.10 0.00	29.55 1.03 0.00	29.26 1.02 0.00	30.00 0.99 0.00	31.57 1.27 0.00	40.04 2.51 0.00	43.80 2.75 0.00	41.44 2.67 0.00	40.12 2.59 0.00	44.95 2.90 0.00	41.39 2.78 0.00	40.34 2.64 0.00	40.38 2.61 0.00	42.16 2.83 0.00	45.68 3.19 0.00	51.56 4.21 -1.04	68.88 4.58 -15.52	62.61 4.30 -12.05	50.70 4.06 -0.56	46.49 3.40 0.00	42.09 3.15 0.00	37.92 2.84 0.00	36.74 2.60 0.00

CH_MISC_IPPS 23765	32.31 1.30 0.00	30.82 1.13 0.00	29.61 1.08 0.00	29.32 1.07 0.00	30.06 1.04 0.00	31.63 1.33 0.00	40.11 2.59 0.00	43.88 2.83 0.00	41.48 2.71 0.00	40.12 2.59 0.00	44.95 2.90 0.00	41.40 2.78 0.00	40.34 2.64 0.00	40.38 2.60 0.00	42.23 2.91 0.00	45.68 3.19 0.00	51.56 4.26 -1.00	68.42 4.73 -14.92	62.19 4.35 -11.58	50.73 4.10 -0.54	46.54 3.45 0.00	42.17 3.23 0.00	37.96 2.88 0.00	36.78 2.63 0.00
CH_RES_BVR_FALLS 23983	31.04 0.03 0.00	29.75 0.06 0.00	28.58 0.06 0.00	28.30 0.06 0.00	29.10 0.09 0.00	30.30 0.00 0.00	37.19 -0.34 0.00	40.77 -0.29 0.00	38.46 -0.31 0.00	37.23 -0.30 0.00	41.71 -0.34 0.00	38.38 -0.23 0.00	37.48 -0.22 0.00	37.55 -0.23 0.00	39.09 -0.23 0.00	42.15 -0.34 0.00	45.61 -0.69 0.00	47.80 -0.98 0.00	45.61 -0.65 0.00	45.54 -0.55 0.00	42.70 -0.39 0.00	38.66 -0.27 0.00	34.80 -0.28 0.00	33.91 -0.24 0.00
CH_RES_NIAGARA 23895	29.87 -1.15 0.00	28.74 -0.95 0.00	27.61 -0.91 0.00	27.40 -0.85 0.00	28.14 -0.87 0.00	29.27 -1.03 0.00	37.26 -0.26 0.00	39.45 -1.60 0.00	37.49 -1.28 0.00	36.33 -1.20 0.00	40.20 -1.85 0.00	36.22 -2.39 0.00	35.44 -2.26 0.00	35.54 -2.23 0.00	36.45 -2.87 0.00	39.81 -2.68 0.00	43.65 -2.78 -0.12	48.56 -1.90 -1.69	44.52 -3.05 -1.31	42.80 -3.36 -0.07	39.81 -3.28 0.00	35.70 -3.23 0.00	32.42 -2.67 0.00	32.37 -1.78 0.00
CH_RES_SYRACUSE 23985	30.80 -0.22 0.00	29.52 -0.18 0.00	28.33 -0.20 0.00	28.08 -0.17 0.00	28.84 -0.17 0.00	30.09 -0.21 0.00	37.67 0.15 0.00	41.14 0.08 0.00	38.88 0.12 0.00	37.64 0.11 0.00	42.13 0.08 0.00	38.58 -0.04 0.00	37.66 -0.04 0.00	37.73 -0.04 0.00	39.25 -0.08 0.00	42.53 0.04 0.00	46.74 0.33 -0.11	51.03 0.63 -1.63	47.80 0.28 -1.26	46.29 0.14 -0.06	43.05 -0.04 0.00	38.78 -0.16 0.00	34.94 -0.14 0.00	34.04 -0.10 0.00
CLINTON_WT_PWR 323605	32.16 1.15 0.00	30.88 1.19 0.00	29.70 1.17 0.00	29.34 1.10 0.00	30.26 1.25 0.00	31.48 1.18 0.00	37.98 0.45 0.00	41.67 0.62 0.00	39.16 0.39 0.00	37.94 0.41 0.00	42.51 0.46 0.00	39.11 0.50 0.00	38.15 0.45 0.00	38.23 0.45 0.00	39.64 0.31 0.00	42.66 0.17 0.00	45.61 -0.69 0.00	47.65 -1.12 0.00	45.57 -0.69 0.00	45.54 -0.55 0.00	43.26 0.17 0.00	39.25 0.31 0.00	35.12 0.04 0.00	34.62 0.48 0.00
CLINTON__LFGE 323618	32.75 1.74 0.00	31.48 1.78 0.00	30.24 1.71 0.00	29.88 1.64 0.00	30.84 1.83 0.00	32.08 1.79 0.00	38.72 1.20 0.00	42.49 1.44 0.00	39.89 1.12 0.00	38.66 1.12 0.00	43.27 1.22 0.00	39.85 1.24 0.00	38.87 1.17 0.00	38.94 1.17 0.00	40.42 1.10 0.00	43.51 1.02 0.00	46.49 0.19 0.00	48.63 -0.15 0.00	46.45 0.19 0.00	46.37 0.28 0.00	44.08 0.99 0.00	39.99 1.05 0.00	35.68 0.60 0.00	35.27 1.13 0.00
COBBLENY_34_KV_TB1 80064	31.42 0.40 0.00	30.26 0.56 0.00	28.96 0.43 0.00	28.81 0.56 0.00	29.59 0.58 0.00	30.84 0.55 0.00	39.44 1.91 0.00	41.96 0.90 0.00	39.81 1.05 0.00	38.47 0.94 0.00	42.72 0.67 0.00	38.50 -0.12 0.00	37.66 -0.04 0.00	37.77 0.00 0.00	39.28 -0.04 0.00	42.36 -0.13 0.00	45.62 -0.83 -0.14	51.02 0.20 -2.06	46.70 -1.16 -1.60	44.60 -1.57 -0.08	42.44 -0.65 0.00	38.08 -0.86 0.00	34.42 -0.67 0.00	34.28 0.14 0.00
COFFEEN__115KV_TB3 355620	30.89 -0.12 0.00	29.64 -0.06 0.00	28.50 -0.03 0.00	28.16 -0.08 0.00	29.01 0.00 0.00	30.30 0.00 0.00	37.82 0.30 0.00	41.67 0.62 0.00	39.12 0.35 0.00	37.72 0.19 0.00	42.26 0.21 0.00	38.81 0.19 0.00	37.78 0.08 0.00	37.96 0.19 0.00	39.56 0.24 0.00	42.79 0.30 0.00	47.34 0.97 -0.06	51.27 1.61 -0.89	48.15 1.20 -0.69	47.00 0.88 -0.03	43.74 0.65 0.00	39.32 0.39 0.00	35.22 0.14 0.00	34.28 0.14 0.00
COLDSPRG_115KV_BK1 355956	32.75 1.74 0.00	31.57 1.87 0.00	30.18 1.65 0.00	30.05 1.81 0.00	30.93 1.91 0.00	32.27 1.97 0.00	41.58 4.05 0.00	44.38 3.33 0.00	42.06 3.30 0.00	40.57 3.04 0.00	45.08 3.03 0.00	40.58 1.97 0.00	39.74 2.04 0.00	39.81 2.04 0.00	41.37 2.04 0.00	44.61 2.12 0.00	47.43 0.97 -0.15	53.28 2.29 -2.22	48.63 0.65 -1.72	46.40 0.23 -0.09	44.81 1.72 0.00	40.18 1.25 0.00	36.17 1.09 0.00	35.89 1.74 0.00
COLONIE_LFGE__ 323577	32.13 1.11 0.00	30.70 1.01 0.00	29.50 0.97 0.00	29.21 0.96 0.00	30.00 0.99 0.00	31.51 1.21 0.00	39.33 1.80 0.00	43.11 2.05 0.00	40.67 1.90 0.00	39.37 1.84 0.00	44.28 2.23 0.00	40.70 2.08 0.00	39.70 2.00 0.00	39.77 2.00 0.00	41.45 2.12 0.00	44.83 2.34 0.00	50.56 2.92 -1.33	71.81 3.17 -19.87	64.60 2.92 -15.42	49.62 2.81 -0.72	45.59 2.50 0.00	41.23 2.30 0.00	37.12 2.03 0.00	36.06 1.91 0.00
COOPERNY_115KV_TB1 80082	31.69 0.68 0.00	30.26 0.56 0.00	29.10 0.57 0.00	28.78 0.54 0.00	29.54 0.52 0.00	30.99 0.70 0.00	39.10 1.58 0.00	42.78 1.72 0.00	40.43 1.67 0.00	39.11 1.58 0.00	43.77 1.72 0.00	40.31 1.70 0.00	39.28 1.58 0.00	39.36 1.59 0.00	41.01 1.69 0.00	44.40 1.91 0.00	49.67 2.59 -0.77	63.07 2.88 -11.42	57.76 2.64 -8.86	48.94 2.44 -0.41	45.11 2.03 0.00	40.80 1.87 0.00	36.77 1.68 0.00	35.68 1.54 0.00
COPENHAGEN_WT_PWR 323753	30.67 -0.34 0.00	29.43 -0.27 0.00	28.30 -0.23 0.00	27.99 -0.25 0.00	28.81 -0.20 0.00	30.05 -0.24 0.00	37.49 -0.04 0.00	41.18 0.12 0.00	38.69 -0.08 0.00	37.34 -0.19 0.00	41.84 -0.21 0.00	38.46 -0.15 0.00	37.44 -0.26 0.00	37.58 -0.19 0.00	39.21 -0.12 0.00	42.41 -0.08 0.00	46.78 0.42 -0.06	50.61 0.92 -0.91	47.57 0.60 -0.71	46.49 0.37 -0.03	43.26 0.17 0.00	38.90 -0.04 0.00	34.94 -0.14 0.00	34.01 -0.14 0.00
CORNELL____ 23752	31.76 0.74 0.00	30.44 0.74 0.00	29.24 0.71 0.00	28.95 0.71 0.00	29.77 0.75 0.00	31.15 0.85 0.00	39.25 1.73 0.00	42.86 1.81 0.00	40.55 1.78 0.00	39.18 1.65 0.00	43.73 1.68 0.00	40.00 1.39 0.00	39.09 1.39 0.00	39.17 1.40 0.00	40.86 1.53 0.00	44.19 1.70 0.00	48.76 2.22 -0.23	55.02 2.83 -3.41	51.13 2.22 -2.65	48.19 1.98 -0.12	44.86 1.77 0.00	40.34 1.40 0.00	36.24 1.16 0.00	35.34 1.20 0.00
CORONAAV_69_KV_TB1 355595	58.23 2.23 -24.99	74.56 1.99 -42.88	60.71 1.91 -30.27	35.56 1.86 -5.46	38.28 1.86 -7.41	61.09 2.15 -28.64	63.52 3.71 -22.28	75.75 4.06 -30.63	67.92 3.99 -25.16	61.79 3.94 -20.32	85.06 4.42 -38.59	57.58 4.09 -14.87	67.93 4.03 -26.20	63.78 4.00 -22.01	59.49 4.25 -15.92	72.91 4.55 -25.87	66.48 5.46 -14.71	79.77 5.85 -25.15	86.12 5.55 -34.31	96.68 5.39 -45.19	95.43 4.61 -47.73	67.49 4.32 -24.23	58.35 4.03 -19.23	61.81 3.86 -23.81
CORTLAND_115KV_TB3 80093	31.42 0.40 0.00	30.11 0.42 0.00	28.93 0.40 0.00	28.64 0.40 0.00	29.45 0.44 0.00	30.78 0.48 0.00	38.69 1.16 0.00	42.29 1.23 0.00	39.93 1.16 0.00	38.62 1.09 0.00	43.18 1.14 0.00	39.54 0.93 0.00	38.60 0.90 0.00	38.68 0.91 0.00	40.31 0.98 0.00	43.64 1.15 0.00	48.03 1.53 -0.19	53.61 2.00 -2.83	49.94 1.48 -2.20	47.48 1.29 -0.10	44.21 1.12 0.00	39.79 0.86 0.00	35.82 0.74 0.00	34.90 0.75 0.00

COXSACKIE___GT 23611	32.65 1.64 0.00	31.24 1.54 0.00	29.90 1.37 0.00	29.71 1.47 0.00	30.52 1.51 0.00	32.15 1.85 0.00	39.93 2.40 0.00	43.06 2.01 0.00	40.24 1.47 0.00	38.84 1.31 0.00	43.60 1.56 0.00	40.27 1.66 0.00	39.28 1.58 0.00	39.32 1.55 0.00	41.13 1.81 0.00	44.66 2.17 0.00	50.42 2.87 -1.24	70.91 3.61 -18.53	63.88 3.24 -14.39	49.89 3.14 -0.67	45.93 2.84 0.00	41.58 2.65 0.00	37.36 2.28 0.00	36.47 2.32 0.00
CPV_VALLEY___CC1 323721	31.69 0.68 0.00	30.23 0.54 0.00	29.07 0.54 0.00	28.75 0.51 0.00	29.51 0.49 0.00	30.99 0.70 0.00	39.17 1.65 0.00	42.94 1.89 0.00	40.59 1.82 0.00	39.26 1.73 0.00	43.98 1.94 0.00	40.47 1.85 0.00	39.47 1.77 0.00	39.51 1.74 0.00	41.25 1.93 0.00	44.57 2.08 0.00	50.08 2.92 -0.86	64.73 3.17 -12.79	59.10 2.92 -9.93	49.31 2.77 -0.46	45.33 2.24 0.00	41.08 2.14 0.00	37.01 1.93 0.00	35.89 1.74 0.00
CPV_VALLEY___CC2 323722	31.69 0.68 0.00	30.23 0.54 0.00	29.07 0.54 0.00	28.75 0.51 0.00	29.51 0.49 0.00	30.99 0.70 0.00	39.17 1.65 0.00	42.94 1.89 0.00	40.59 1.82 0.00	39.26 1.73 0.00	43.98 1.94 0.00	40.47 1.85 0.00	39.47 1.77 0.00	39.51 1.74 0.00	41.25 1.93 0.00	44.57 2.08 0.00	50.08 2.92 -0.86	64.73 3.17 -12.79	59.10 2.92 -9.93	49.31 2.77 -0.46	45.33 2.24 0.00	41.08 2.14 0.00	37.01 1.93 0.00	35.89 1.74 0.00
CRESCENT___HYD 24018	32.13 1.11 0.00	30.70 1.01 0.00	29.50 0.97 0.00	29.21 0.96 0.00	30.00 0.99 0.00	31.51 1.21 0.00	39.33 1.80 0.00	43.11 2.05 0.00	40.67 1.90 0.00	39.37 1.84 0.00	44.28 2.23 0.00	40.70 2.08 0.00	39.70 2.00 0.00	39.77 2.00 0.00	41.45 2.12 0.00	44.83 2.34 0.00	50.56 2.92 -1.33	71.81 3.17 -19.87	64.60 2.92 -15.42	49.62 2.81 -0.72	45.59 2.50 0.00	41.23 2.30 0.00	37.12 2.03 0.00	36.06 1.91 0.00
CRICKET___VALLEY_CC1 323756	32.16 1.15 0.00	30.70 1.01 0.00	29.50 0.97 0.00	29.17 0.93 0.00	29.94 0.93 0.00	31.48 1.18 0.00	39.85 2.33 0.00	43.68 2.63 0.00	41.33 2.56 0.00	40.08 2.55 0.00	45.08 3.03 0.00	41.47 2.86 0.00	40.42 2.72 0.00	40.49 2.72 0.00	42.27 2.95 0.00	45.68 3.19 0.00	51.52 4.17 -1.04	68.76 4.44 -15.55	62.50 4.17 -12.07	50.66 4.01 -0.56	46.45 3.36 0.00	42.09 3.15 0.00	37.92 2.84 0.00	36.78 2.63 0.00
CRICKET___VALLEY_CC2 323757	32.16 1.15 0.00	30.70 1.01 0.00	29.50 0.97 0.00	29.17 0.93 0.00	29.94 0.93 0.00	31.48 1.18 0.00	39.85 2.33 0.00	43.68 2.63 0.00	41.33 2.56 0.00	40.08 2.55 0.00	45.08 3.03 0.00	41.47 2.86 0.00	40.42 2.72 0.00	40.49 2.72 0.00	42.27 2.95 0.00	45.68 3.19 0.00	51.52 4.17 -1.04	68.76 4.44 -15.55	62.50 4.17 -12.07	50.66 4.01 -0.56	46.45 3.36 0.00	42.09 3.15 0.00	37.92 2.84 0.00	36.78 2.63 0.00
CRICKET___VALLEY_CC3 323758	32.16 1.15 0.00	30.70 1.01 0.00	29.50 0.97 0.00	29.17 0.93 0.00	29.94 0.93 0.00	31.48 1.18 0.00	39.85 2.33 0.00	43.68 2.63 0.00	41.33 2.56 0.00	40.08 2.55 0.00	45.08 3.03 0.00	41.47 2.86 0.00	40.42 2.72 0.00	40.49 2.72 0.00	42.27 2.95 0.00	45.68 3.19 0.00	51.52 4.17 -1.04	68.76 4.44 -15.55	62.50 4.17 -12.07	50.66 4.01 -0.56	46.45 3.36 0.00	42.09 3.15 0.00	37.92 2.84 0.00	36.78 2.63 0.00
CRUCIBLE_METL_DRP 24180	30.79 -0.22 0.00	29.52 -0.18 0.00	28.33 -0.20 0.00	28.07 -0.17 0.00	28.84 -0.17 0.00	30.09 -0.21 0.00	37.67 0.15 0.00	41.18 0.12 0.00	38.92 0.16 0.00	37.68 0.15 0.00	42.13 0.08 0.00	38.58 -0.04 0.00	37.66 -0.04 0.00	37.73 -0.04 0.00	39.28 -0.04 0.00	42.53 0.04 0.00	46.74 0.32 -0.11	51.04 0.63 -1.63	47.80 0.28 -1.27	46.29 0.14 -0.06	43.09 0.00 0.00	38.82 -0.12 0.00	34.94 -0.14 0.00	34.04 -0.10 0.00
DAHOWA___HYDRO 323763	32.31 1.30 0.00	30.88 1.19 0.00	29.67 1.14 0.00	29.40 1.16 0.00	30.20 1.19 0.00	31.78 1.48 0.00	39.81 2.29 0.00	43.72 2.67 0.00	41.13 2.37 0.00	39.71 2.18 0.00	44.61 2.57 0.00	40.85 2.24 0.00	39.85 2.15 0.00	39.85 2.08 0.00	41.52 2.20 0.00	44.95 2.46 0.00	50.90 3.24 -1.35	72.61 3.66 -20.18	65.16 3.24 -15.66	49.90 3.09 -0.73	45.81 2.72 0.00	41.54 2.61 0.00	37.29 2.21 0.00	36.30 2.15 0.00
DANC___LFGE 323619	30.51 -0.50 0.00	29.25 -0.44 0.00	28.13 -0.40 0.00	27.82 -0.42 0.00	28.61 -0.41 0.00	29.84 -0.45 0.00	37.22 -0.30 0.00	40.77 -0.29 0.00	38.38 -0.39 0.00	37.16 -0.38 0.00	41.59 -0.46 0.00	38.19 -0.42 0.00	37.21 -0.49 0.00	37.36 -0.41 0.00	38.89 -0.43 0.00	42.07 -0.42 0.00	46.33 -0.05 -0.07	50.22 0.39 -1.06	47.17 0.09 -0.82	45.99 -0.14 -0.04	42.79 -0.30 0.00	38.51 -0.43 0.00	34.70 -0.39 0.00	33.81 -0.34 0.00
DANSKAMMER___1 23586	32.31 1.30 0.00	30.82 1.13 0.00	29.61 1.08 0.00	29.32 1.07 0.00	30.06 1.04 0.00	31.63 1.33 0.00	40.11 2.59 0.00	43.88 2.83 0.00	41.48 2.71 0.00	40.12 2.59 0.00	44.95 2.90 0.00	41.40 2.78 0.00	40.34 2.64 0.00	40.38 2.60 0.00	42.23 2.91 0.00	45.68 3.19 0.00	51.56 4.26 -1.00	68.42 4.73 -14.92	62.19 4.35 -11.58	50.73 4.10 -0.54	46.54 3.45 0.00	42.17 3.23 0.00	37.96 2.88 0.00	36.78 2.63 0.00
DANSKAMMER___2 23589	32.31 1.30 0.00	30.82 1.13 0.00	29.61 1.08 0.00	29.32 1.07 0.00	30.06 1.04 0.00	31.63 1.33 0.00	40.11 2.59 0.00	43.88 2.83 0.00	41.48 2.71 0.00	40.12 2.59 0.00	44.95 2.90 0.00	41.40 2.78 0.00	40.34 2.64 0.00	40.38 2.60 0.00	42.23 2.91 0.00	45.68 3.19 0.00	51.56 4.26 -1.00	68.42 4.73 -14.92	62.19 4.35 -11.58	50.73 4.10 -0.54	46.54 3.45 0.00	42.17 3.23 0.00	37.96 2.88 0.00	36.78 2.63 0.00
DANSKAMMER___3 23590	32.31 1.30 0.00	30.82 1.13 0.00	29.61 1.08 0.00	29.32 1.07 0.00	30.06 1.04 0.00	31.63 1.33 0.00	40.11 2.59 0.00	43.88 2.83 0.00	41.48 2.71 0.00	40.12 2.59 0.00	44.95 2.90 0.00	41.40 2.78 0.00	40.34 2.64 0.00	40.38 2.60 0.00	42.23 2.91 0.00	45.68 3.19 0.00	51.56 4.26 -1.00	68.42 4.73 -14.92	62.19 4.35 -11.58	50.73 4.10 -0.54	46.54 3.45 0.00	42.17 3.23 0.00	37.96 2.88 0.00	36.78 2.63 0.00
DANSKAMMER___4 23591	32.31 1.30 0.00	30.82 1.13 0.00	29.61 1.08 0.00	29.32 1.07 0.00	30.06 1.04 0.00	31.63 1.33 0.00	40.11 2.59 0.00	43.88 2.83 0.00	41.48 2.71 0.00	40.12 2.59 0.00	44.95 2.90 0.00	41.40 2.78 0.00	40.34 2.64 0.00	40.38 2.60 0.00	42.23 2.91 0.00	45.68 3.19 0.00	51.56 4.26 -1.00	68.42 4.73 -14.92	62.19 4.35 -11.58	50.73 4.10 -0.54	46.54 3.45 0.00	42.17 3.23 0.00	37.96 2.88 0.00	36.78 2.63 0.00
DANSKAMMER___DIESEL 23592	32.31 1.30 0.00	30.82 1.13 0.00	29.61 1.08 0.00	29.32 1.07 0.00	30.06 1.04 0.00	31.63 1.33 0.00	40.15 2.63 0.00	43.85 2.79 0.00	41.44 2.67 0.00	40.12 2.59 0.00	44.87 2.82 0.00	41.36 2.74 0.00	40.30 2.60 0.00	40.34 2.57 0.00	42.16 2.83 0.00	45.68 3.19 0.00	51.59 4.26 -1.02	68.65 4.68 -15.20	62.40 4.35 -11.80	50.74 4.10 -0.55	46.54 3.45 0.00	42.13 3.19 0.00	37.92 2.84 0.00	36.74 2.60 0.00

DARBY___SOLAR 323810	32.28 1.27 0.00	30.88 1.19 0.00	29.64 1.11 0.00	29.40 1.16 0.00	30.20 1.19 0.00	31.75 1.45 0.00	39.74 2.21 0.00	43.60 2.55 0.00	41.05 2.29 0.00	39.67 2.14 0.00	44.61 2.57 0.00	40.85 2.24 0.00	39.85 2.15 0.00	39.89 2.11 0.00	41.56 2.24 0.00	44.95 2.46 0.00	50.85 3.19 -1.35	72.51 3.61 -20.13	65.08 3.19 -15.63	49.90 3.09 -0.72	45.81 2.72 0.00	41.50 2.57 0.00	37.29 2.21 0.00	36.26 2.12 0.00
DASHVILLE___HYD 23610	32.10 1.09 0.00	30.64 0.95 0.00	29.41 0.88 0.00	29.12 0.88 0.00	29.85 0.84 0.00	31.39 1.09 0.00	39.59 2.06 0.00	43.15 2.09 0.00	40.71 1.94 0.00	39.41 1.88 0.00	44.11 2.06 0.00	40.66 2.05 0.00	39.58 1.88 0.00	39.66 1.89 0.00	41.41 2.08 0.00	44.87 2.38 0.00	50.68 3.29 -1.08	68.51 3.61 -16.13	62.11 3.33 -12.52	49.80 3.13 -0.58	45.67 2.59 0.00	41.39 2.45 0.00	37.33 2.25 0.00	36.23 2.08 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	36.37 3.81 -1.54	35.70 3.36 -2.65	33.65 3.25 -1.87	31.71 3.14 -0.33	32.66 3.19 -0.45	35.85 3.79 -1.77	45.01 6.00 -1.48	49.80 6.69 -2.06	46.76 6.32 -1.68	45.00 6.12 -1.35	50.82 6.39 -2.38	45.40 5.87 -0.91	44.86 5.54 -1.62	44.60 5.48 -1.36	46.32 6.02 -0.98	51.06 6.84 -1.72	56.58 8.34 -1.93	73.78 9.22 -15.79	68.01 8.56 -13.19	57.66 8.20 -3.37	53.29 7.20 -3.01	47.17 6.62 -1.61	42.25 5.89 -1.27	41.11 5.50 -1.47
DELAWARE___LFGE 323621	32.04 1.02 0.00	30.64 0.95 0.00	29.47 0.94 0.00	29.15 0.90 0.00	29.94 0.93 0.00	31.42 1.12 0.00	39.44 1.91 0.00	43.19 2.13 0.00	40.78 2.02 0.00	39.41 1.88 0.00	44.15 2.10 0.00	40.51 1.89 0.00	39.51 1.81 0.00	39.58 1.81 0.00	41.29 1.97 0.00	44.66 2.17 0.00	49.42 2.69 -0.43	58.26 3.12 -6.36	53.88 2.68 -4.94	48.90 2.58 -0.23	45.37 2.28 0.00	40.92 1.99 0.00	36.84 1.75 0.00	35.82 1.67 0.00
DERFIELD_115KV_TB7 355931	31.04 0.03 0.00	29.69 0.00 0.00	28.53 0.00 0.00	28.24 0.00 0.00	29.01 0.00 0.00	30.36 0.06 0.00	37.75 0.23 0.00	41.30 0.25 0.00	39.00 0.23 0.00	37.72 0.19 0.00	42.30 0.25 0.00	38.85 0.23 0.00	37.89 0.19 0.00	37.96 0.19 0.00	39.52 0.20 0.00	42.75 0.25 0.00	46.72 0.42 0.00	49.31 0.54 0.00	46.68 0.42 0.00	46.46 0.37 0.00	43.35 0.26 0.00	39.13 0.19 0.00	35.29 0.21 0.00	34.35 0.20 0.00
DOGLEVILLE___HYD 23807	31.14 0.12 0.00	29.81 0.12 0.00	28.64 0.11 0.00	28.36 0.11 0.00	29.16 0.15 0.00	30.57 0.27 0.00	38.01 0.49 0.00	41.71 0.65 0.00	39.39 0.62 0.00	38.09 0.56 0.00	42.72 0.67 0.00	39.27 0.66 0.00	38.38 0.68 0.00	38.45 0.68 0.00	40.03 0.71 0.00	43.30 0.81 0.00	47.32 1.02 0.00	49.99 1.22 0.00	47.23 0.97 0.00	47.01 0.92 0.00	43.91 0.82 0.00	39.71 0.78 0.00	35.78 0.70 0.00	34.83 0.68 0.00
DUNKIRK___115KV_TB_200 55889	31.51 0.50 0.00	30.35 0.65 0.00	29.07 0.54 0.00	28.92 0.68 0.00	29.74 0.73 0.00	30.99 0.70 0.00	39.74 2.21 0.00	42.29 1.23 0.00	40.12 1.36 0.00	38.77 1.24 0.00	43.06 1.01 0.00	38.81 0.19 0.00	37.96 0.26 0.00	38.04 0.26 0.00	39.56 0.24 0.00	42.66 0.17 0.00	46.27 -0.19 -0.15	51.80 0.93 -2.10	47.39 -0.51 -1.63	45.25 -0.92 -0.08	42.83 -0.26 0.00	38.43 -0.51 0.00	34.70 -0.39 0.00	34.52 0.38 0.00
DUNKIRK___1 23563	31.51 0.50 0.00	30.35 0.65 0.00	29.07 0.54 0.00	28.92 0.68 0.00	29.74 0.73 0.00	30.99 0.70 0.00	39.74 2.21 0.00	42.29 1.23 0.00	40.12 1.36 0.00	38.77 1.24 0.00	43.06 1.01 0.00	38.81 0.19 0.00	37.96 0.26 0.00	38.04 0.26 0.00	39.56 0.24 0.00	42.66 0.17 0.00	46.27 -0.19 -0.15	51.80 0.93 -2.10	47.39 -0.51 -1.63	45.25 -0.92 -0.08	42.83 -0.26 0.00	38.43 -0.51 0.00	34.70 -0.39 0.00	34.52 0.38 0.00
DUNKIRK___2 23564	31.51 0.50 0.00	30.35 0.65 0.00	29.07 0.54 0.00	28.92 0.68 0.00	29.74 0.73 0.00	30.99 0.70 0.00	39.74 2.21 0.00	42.29 1.23 0.00	40.12 1.36 0.00	38.77 1.24 0.00	43.06 1.01 0.00	38.81 0.19 0.00	37.96 0.26 0.00	38.04 0.26 0.00	39.56 0.24 0.00	42.66 0.17 0.00	46.27 -0.19 -0.15	51.80 0.93 -2.10	47.39 -0.51 -1.63	45.25 -0.92 -0.08	42.83 -0.26 0.00	38.43 -0.51 0.00	34.70 -0.39 0.00	34.52 0.38 0.00
DUNKIRK___3 23565	31.45 0.43 0.00	30.26 0.56 0.00	28.98 0.46 0.00	28.84 0.59 0.00	29.65 0.64 0.00	30.90 0.61 0.00	39.55 2.03 0.00	42.08 1.03 0.00	39.93 1.16 0.00	38.58 1.05 0.00	42.85 0.80 0.00	38.61 0.00 0.00	37.78 0.08 0.00	37.88 0.11 0.00	39.36 0.04 0.00	42.45 -0.04 0.00	45.95 -0.51 -0.15	51.44 0.54 -2.13	47.04 -0.88 -1.66	44.93 -1.24 -0.08	42.62 -0.47 0.00	38.27 -0.66 0.00	34.56 -0.53 0.00	34.39 0.24 0.00
DUNKIRK___4 23566	31.48 0.47 0.00	30.32 0.62 0.00	29.01 0.48 0.00	28.89 0.65 0.00	29.71 0.70 0.00	30.93 0.64 0.00	39.63 2.10 0.00	42.16 1.11 0.00	40.01 1.24 0.00	38.66 1.13 0.00	42.93 0.88 0.00	38.69 0.08 0.00	37.85 0.15 0.00	37.92 0.15 0.00	39.44 0.12 0.00	42.53 0.04 0.00	46.03 -0.42 -0.14	51.48 0.68 -2.03	47.10 -0.74 -1.58	45.02 -1.15 -0.08	42.70 -0.39 0.00	38.31 -0.62 0.00	34.59 -0.49 0.00	34.42 0.27 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.31 1.30 0.00	30.79 1.10 0.00	29.58 1.06 0.00	29.26 1.02 0.00	30.00 0.99 0.00	31.60 1.30 0.00	40.23 2.70 0.00	44.13 3.08 0.00	41.79 3.02 0.00	40.46 2.93 0.00	45.29 3.24 0.00	41.70 3.09 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.43 3.11 0.00	45.97 3.48 0.00	51.95 4.63 -1.01	68.88 4.97 -15.14	62.68 4.67 -11.75	51.06 4.42 -0.54	46.75 3.66 0.00	42.32 3.39 0.00	38.14 3.05 0.00	36.95 2.80 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.07 1.05 0.00	30.59 0.89 0.00	29.38 0.86 0.00	29.09 0.85 0.00	29.83 0.81 0.00	31.36 1.06 0.00	39.78 2.25 0.00	43.48 2.42 0.00	41.05 2.29 0.00	39.75 2.21 0.00	44.49 2.44 0.00	40.97 2.36 0.00	39.92 2.22 0.00	40.00 2.23 0.00	41.72 2.40 0.00	45.21 2.72 0.00	51.00 3.70 -0.99	67.52 4.05 -14.70	61.42 3.75 -11.41	50.17 3.55 -0.53	46.02 2.93 0.00	41.66 2.73 0.00	37.54 2.46 0.00	36.37 2.22 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	32.35 1.33 0.00	30.76 1.07 0.00	29.53 1.00 0.00	29.15 0.90 0.00	29.91 0.90 0.00	31.48 1.18 0.00	40.11 2.59 0.00	43.85 2.79 0.00	41.52 2.75 0.00	40.31 2.78 0.00	45.20 3.15 0.00	41.74 3.13 0.00	40.72 3.02 0.00	40.76 2.98 0.00	42.51 3.19 0.00	45.97 3.48 0.00	52.14 4.82 -1.01	68.93 5.02 -15.14	62.96 4.95 -11.75	51.34 4.70 -0.54	46.67 3.58 0.00	42.48 3.54 0.00	38.38 3.30 0.00	37.30 3.14 -0.01
E179THST_13_KV_LOAD 356214	32.44 1.43 0.00	30.85 1.16 0.00	29.61 1.08 0.00	29.26 1.02 0.00	30.00 0.99 0.00	31.60 1.30 0.00	40.26 2.74 0.00	44.05 3.00 0.00	41.71 2.95 0.00	40.50 2.96 0.00	45.41 3.36 0.00	41.93 3.32 0.00	40.87 3.17 0.00	40.94 3.17 0.00	42.71 3.38 0.00	46.19 3.70 0.00	52.37 5.05 -1.01	69.18 5.27 -15.14	63.24 5.23 -11.75	51.57 4.93 -0.54	46.88 3.79 0.00	42.63 3.70 0.00	38.52 3.44 0.00	37.43 3.28 -0.01

EAST HAMPTON___GT 23717	36.71 4.16 -1.54	36.03 3.68 -2.65	33.99 3.59 -1.87	31.99 3.42 -0.33	32.94 3.48 -0.45	36.18 4.12 -1.77	45.46 6.46 -1.48	50.26 7.14 -2.06	47.31 6.86 -1.68	45.30 6.42 -1.35	51.41 6.98 -2.38	45.98 6.45 -0.91	45.24 5.92 -1.62	44.98 5.85 -1.36	46.99 6.69 -0.98	51.70 7.48 -1.72	57.30 9.08 -1.92	74.20 9.90 -15.53	68.51 9.25 -12.99	58.44 8.99 -3.36	54.02 7.93 -3.01	47.79 7.24 -1.61	42.78 6.42 -1.28	41.42 5.80 -1.47
EAST RIVER___6 23660	32.31 1.30 0.00	30.79 1.10 0.00	29.61 1.08 0.00	29.17 0.93 0.00	29.91 0.90 0.00	31.42 1.12 0.00	40.11 2.59 0.00	44.09 3.04 0.00	41.79 3.03 0.00	40.50 2.96 0.00	45.33 3.28 0.00	41.78 3.17 0.00	40.72 3.02 0.00	40.75 2.98 0.00	42.59 3.26 0.00	45.89 3.40 0.00	51.93 4.63 -1.00	68.52 4.88 -14.87	62.48 4.67 -11.55	51.01 4.38 -0.54	46.58 3.49 0.00	42.32 3.39 0.00	38.13 3.05 0.00	36.95 2.80 0.00
EAST RIVER___7 23524	32.31 1.30 0.00	30.79 1.10 0.00	29.61 1.08 0.00	29.17 0.93 0.00	29.91 0.90 0.00	31.42 1.12 0.00	40.11 2.59 0.00	44.09 3.04 0.00	41.79 3.03 0.00	40.50 2.96 0.00	45.33 3.28 0.00	41.78 3.17 0.00	40.72 3.02 0.00	40.75 2.98 0.00	42.59 3.26 0.00	45.89 3.40 0.00	51.93 4.63 -1.00	68.52 4.88 -14.87	62.48 4.67 -11.55	51.01 4.38 -0.54	46.58 3.49 0.00	42.32 3.39 0.00	38.13 3.05 0.00	36.95 2.80 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.28 1.27 0.00	30.73 1.04 0.00	29.55 1.03 0.00	29.23 0.99 0.00	29.97 0.96 0.00	31.54 1.24 0.00	40.15 2.63 0.00	44.01 2.96 0.00	41.68 2.91 0.00	40.38 2.85 0.00	45.16 3.11 0.00	41.59 2.97 0.00	40.53 2.83 0.00	40.57 2.80 0.00	42.35 3.03 0.00	45.85 3.36 0.00	51.81 4.49 -1.01	68.72 4.83 -15.12	62.53 4.53 -11.73	50.92 4.29 -0.54	46.62 3.53 0.00	42.21 3.27 0.00	38.07 2.98 0.00	36.88 2.73 0.00
EAST_HAMPTON___DIESEL 23722	36.71 4.16 -1.54	36.03 3.68 -2.65	33.99 3.59 -1.87	32.02 3.44 -0.33	32.97 3.51 -0.45	36.22 4.15 -1.77	45.50 6.49 -1.48	50.26 7.14 -2.06	47.31 6.86 -1.68	45.30 6.42 -1.35	51.41 6.98 -2.38	45.98 6.45 -0.91	45.27 5.95 -1.62	45.02 5.89 -1.36	46.99 6.69 -0.98	51.70 7.48 -1.72	57.30 9.08 -1.92	74.20 9.90 -15.53	68.51 9.25 -12.99	58.44 8.99 -3.36	54.07 7.97 -3.01	47.79 7.24 -1.61	42.78 6.42 -1.28	41.45 5.84 -1.47
EAST_PULASKI___ESR 323781	30.45 -0.56 0.00	29.16 -0.53 0.00	28.01 -0.51 0.00	27.74 -0.51 0.00	28.52 -0.49 0.00	29.72 -0.58 0.00	37.11 -0.41 0.00	40.64 -0.41 0.00	38.34 -0.43 0.00	37.16 -0.38 0.00	41.59 -0.46 0.00	38.15 -0.46 0.00	37.21 -0.49 0.00	37.32 -0.45 0.00	38.66 -0.67 0.00	41.81 -0.68 0.00	45.97 -0.42 -0.08	49.88 -0.10 -1.21	46.83 -0.37 -0.94	45.63 -0.51 -0.04	42.44 -0.65 0.00	38.43 -0.51 0.00	34.59 -0.49 0.00	33.67 -0.48 0.00
EAST_RIVER___1 323558	32.25 1.24 0.00	30.73 1.04 0.00	29.55 1.03 0.00	29.17 0.93 0.00	29.91 0.90 0.00	31.51 1.21 0.00	40.19 2.66 0.00	44.13 3.08 0.00	41.79 3.03 0.00	40.50 2.96 0.00	45.37 3.32 0.00	41.78 3.17 0.00	40.72 3.02 0.00	40.75 2.98 0.00	42.59 3.26 0.00	45.93 3.44 0.00	51.98 4.68 -1.00	68.57 4.92 -14.87	62.53 4.72 -11.55	51.05 4.43 -0.54	46.71 3.62 0.00	42.40 3.46 0.00	38.20 3.12 0.00	37.02 2.87 0.00
EAST_RIVER___2 323559	32.31 1.30 0.00	30.79 1.10 0.00	29.61 1.08 0.00	29.17 0.93 0.00	29.91 0.90 0.00	31.42 1.12 0.00	40.11 2.59 0.00	44.09 3.04 0.00	41.79 3.03 0.00	40.50 2.96 0.00	45.33 3.28 0.00	41.78 3.17 0.00	40.72 3.02 0.00	40.75 2.98 0.00	42.59 3.26 0.00	45.89 3.40 0.00	51.93 4.63 -1.00	68.52 4.88 -14.87	62.48 4.67 -11.55	51.01 4.38 -0.54	46.58 3.49 0.00	42.32 3.39 0.00	38.13 3.05 0.00	36.95 2.80 0.00
EAST___DELAWARE_HYD 23607	32.03 1.02 0.00	30.56 0.86 0.00	29.36 0.83 0.00	29.09 0.85 0.00	29.82 0.81 0.00	31.39 1.09 0.00	39.81 2.29 0.00	43.48 2.42 0.00	40.98 2.21 0.00	39.59 2.06 0.00	44.28 2.23 0.00	40.81 2.20 0.00	39.77 2.07 0.00	39.81 2.04 0.00	41.64 2.32 0.00	45.08 2.59 0.00	50.88 3.66 -0.92	66.64 4.14 -13.73	60.66 3.75 -10.65	50.08 3.50 -0.49	45.93 2.84 0.00	41.62 2.68 0.00	37.47 2.39 0.00	36.26 2.12 0.00
EIGHT_POINT___WT_PWR 323820	31.69 0.68 0.00	30.52 0.83 0.00	29.38 0.86 0.00	29.21 0.96 0.00	30.03 1.01 0.00	31.51 1.21 0.00	40.30 2.78 0.00	43.35 2.30 0.00	41.21 2.44 0.00	39.90 2.37 0.00	44.23 2.19 0.00	40.08 1.47 0.00	39.21 1.51 0.00	39.39 1.62 0.00	40.66 1.34 0.00	44.23 1.74 0.00	48.13 1.62 -0.21	54.54 2.73 -3.04	50.10 1.48 -2.36	47.26 1.06 -0.11	44.51 1.42 0.00	39.95 1.01 0.00	36.03 0.95 0.00	35.51 1.37 0.00
ELBRIDGE_115KV_TB2 80188	30.67 -0.34 0.00	29.37 -0.33 0.00	28.21 -0.31 0.00	27.93 -0.31 0.00	28.69 -0.32 0.00	29.96 -0.33 0.00	37.52 0.00 0.00	40.97 -0.08 0.00	38.77 0.00 0.00	37.53 0.00 0.00	41.96 -0.08 0.00	38.42 -0.19 0.00	37.47 -0.23 0.00	37.58 -0.19 0.00	39.13 -0.20 0.00	42.32 -0.17 0.00	46.52 0.09 -0.12	50.93 0.44 -1.72	47.64 0.05 -1.34	46.06 -0.09 -0.06	42.83 -0.26 0.00	38.62 -0.31 0.00	34.77 -0.32 0.00	33.91 -0.24 0.00
ELEC_TRO_TEK 24086	44.88 2.05 -11.82	51.79 1.81 -20.29	44.59 1.74 -14.32	32.52 1.69 -2.58	34.20 1.68 -3.50	45.88 2.03 -13.55	52.87 3.53 -11.82	61.22 3.90 -16.27	55.96 3.84 -13.35	52.10 3.79 -10.78	64.51 4.20 -18.26	49.55 3.90 -7.03	53.94 3.85 -12.40	52.00 3.81 -10.41	50.90 4.05 -7.53	60.59 4.38 -13.73	59.82 5.23 -8.28	74.67 5.61 -20.29	74.89 5.27 -23.36	74.70 5.12 -23.49	71.93 4.31 -24.53	55.88 4.09 -12.86	49.13 3.86 -10.19	49.03 3.62 -11.26
ELLENBURG_WT_PWR 323604	32.16 1.15 0.00	30.88 1.19 0.00	29.70 1.17 0.00	29.34 1.10 0.00	30.26 1.25 0.00	31.48 1.18 0.00	37.98 0.45 0.00	41.67 0.62 0.00	39.16 0.39 0.00	37.94 0.41 0.00	42.51 0.46 0.00	39.11 0.50 0.00	38.15 0.45 0.00	38.23 0.45 0.00	39.64 0.31 0.00	42.66 0.17 0.00	45.61 -0.69 0.00	47.65 -1.12 0.00	45.57 -0.69 0.00	45.54 -0.55 0.00	43.26 0.17 0.00	39.25 0.31 0.00	35.12 0.04 0.00	34.62 0.48 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.98 -0.03 0.00	29.84 0.15 0.00	28.56 0.03 0.00	28.41 0.17 0.00	29.22 0.20 0.00	30.42 0.12 0.00	38.84 1.31 0.00	41.26 0.21 0.00	39.16 0.39 0.00	37.87 0.34 0.00	42.05 0.00 0.00	37.88 -0.73 0.00	37.06 -0.64 0.00	37.17 -0.60 0.00	38.62 -0.71 0.00	41.64 -0.85 0.00	45.24 -1.20 -0.13	50.46 -0.20 -1.88	46.20 -1.53 -1.46	44.27 -1.89 -0.08	41.75 -1.34 0.00	37.46 -1.48 0.00	33.89 -1.19 0.00	33.81 -0.34 0.00
EMPIRE_CC_1 323656	31.79 0.78 0.00	30.38 0.68 0.00	29.18 0.66 0.00	28.89 0.65 0.00	29.65 0.64 0.00	31.14 0.85 0.00	38.16 0.64 0.00	41.59 0.53 0.00	39.23 0.47 0.00	38.06 0.53 0.00	43.14 1.09 0.00	39.69 1.08 0.00	38.72 1.02 0.00	38.79 1.02 0.00	40.46 1.14 0.00	43.72 1.23 0.00	49.24 1.62 -1.31	70.00 1.71 -19.52	62.93 1.52 -15.15	48.36 1.57 -0.70	44.43 1.34 0.00	40.22 1.28 0.00	36.21 1.12 0.00	35.21 1.06 0.00

EMPIRE_CC_2 323658	31.79 0.78 0.00	30.38 0.68 0.00	29.18 0.66 0.00	28.89 0.65 0.00	29.65 0.64 0.00	31.14 0.85 0.00	38.16 0.64 0.00	41.59 0.53 0.00	39.23 0.47 0.00	38.06 0.53 0.00	43.14 1.09 0.00	39.69 1.08 0.00	38.72 1.02 0.00	38.79 1.02 0.00	40.46 1.14 0.00	43.72 1.23 0.00	49.24 1.62 -1.31	70.00 1.71 -19.52	62.93 1.52 -15.15	48.36 1.57 -0.70	44.43 1.34 0.00	40.22 1.28 0.00	36.21 1.12 0.00	35.21 1.06 0.00
ENORWICH_115KV_TB1 80156	33.62 2.60 0.00	32.22 2.52 0.00	31.01 2.48 0.00	30.67 2.43 0.00	31.57 2.55 0.00	33.15 2.85 0.00	42.18 4.65 0.00	46.35 5.30 0.00	43.61 4.85 0.00	41.96 4.43 0.00	46.80 4.75 0.00	42.71 4.09 0.00	41.81 4.11 0.00	41.93 4.15 0.00	43.85 4.52 0.00	47.55 5.06 0.00	52.92 6.30 -0.32	61.13 7.66 -4.70	56.39 6.48 -3.65	52.25 5.99 -0.17	48.52 5.43 0.00	43.45 4.52 0.00	38.87 3.79 0.00	37.94 3.79 0.00
ERIE_ST__34_KV_TB1-2 80199	31.88 0.87 0.00	30.67 0.98 0.00	29.35 0.83 0.00	29.20 0.96 0.00	30.03 1.02 0.00	31.30 1.00 0.00	40.04 2.51 0.00	42.61 1.56 0.00	40.43 1.67 0.00	39.07 1.54 0.00	43.35 1.30 0.00	39.08 0.46 0.00	38.27 0.57 0.00	38.38 0.60 0.00	39.87 0.55 0.00	43.00 0.51 0.00	45.48 -0.97 -0.14	50.82 0.05 -2.00	46.47 -1.34 -1.55	44.46 -1.71 -0.08	43.13 0.04 0.00	38.70 -0.23 0.00	34.94 -0.14 0.00	34.80 0.65 0.00
ERIE_WT_PWR 323693	31.32 0.31 0.00	30.14 0.45 0.00	28.87 0.34 0.00	28.72 0.48 0.00	29.54 0.52 0.00	30.75 0.46 0.00	39.29 1.76 0.00	41.75 0.70 0.00	39.66 0.89 0.00	38.39 0.86 0.00	42.55 0.51 0.00	38.35 -0.27 0.00	37.51 -0.19 0.00	37.66 -0.11 0.00	38.69 -0.63 0.00	42.15 -0.34 0.00	45.43 -1.02 -0.14	50.87 0.15 -1.95	46.58 -1.20 -1.52	44.55 -1.61 -0.08	42.27 -0.82 0.00	37.89 -1.05 0.00	34.31 -0.77 0.00	34.11 -0.03 0.00
ESPRGFLD_115KV_TB1 80157	32.72 1.71 0.00	31.30 1.60 0.00	30.10 1.57 0.00	29.80 1.55 0.00	30.67 1.65 0.00	32.24 1.94 0.00	40.56 3.04 0.00	44.46 3.41 0.00	41.83 3.06 0.00	40.35 2.81 0.00	45.08 3.03 0.00	41.28 2.66 0.00	40.30 2.60 0.00	40.49 2.72 0.00	42.31 2.99 0.00	45.85 3.36 0.00	50.25 4.12 0.18	50.91 4.83 2.69	48.38 4.21 2.09	49.91 3.92 0.10	46.62 3.53 0.00	41.97 3.04 0.00	37.64 2.56 0.00	36.57 2.42 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.69 0.68 0.00	30.38 0.68 0.00	29.18 0.66 0.00	28.89 0.65 0.00	29.71 0.70 0.00	31.08 0.79 0.00	39.14 1.61 0.00	42.78 1.72 0.00	40.43 1.67 0.00	39.07 1.54 0.00	43.65 1.60 0.00	39.93 1.31 0.00	39.02 1.32 0.00	39.09 1.32 0.00	40.74 1.42 0.00	44.10 1.61 0.00	48.62 2.08 -0.23	54.87 2.68 -3.42	51.04 2.13 -2.65	48.10 1.89 -0.12	44.77 1.68 0.00	40.26 1.32 0.00	36.17 1.09 0.00	35.27 1.13 0.00
ETNA_____115KV_TB2 80207	31.69 0.68 0.00	30.38 0.68 0.00	29.18 0.66 0.00	28.89 0.65 0.00	29.71 0.70 0.00	31.08 0.79 0.00	39.14 1.61 0.00	42.78 1.72 0.00	40.43 1.67 0.00	39.07 1.54 0.00	43.65 1.60 0.00	39.93 1.31 0.00	39.02 1.32 0.00	39.09 1.32 0.00	40.74 1.42 0.00	44.10 1.61 0.00	48.62 2.08 -0.23	54.87 2.68 -3.42	51.04 2.13 -2.65	48.10 1.89 -0.12	44.77 1.68 0.00	40.26 1.32 0.00	36.17 1.09 0.00	35.27 1.13 0.00
EUCLID___115KV_TB2 356179	30.42 -0.59 0.00	29.13 -0.56 0.00	27.99 -0.54 0.00	27.71 -0.54 0.00	28.46 -0.55 0.00	29.69 -0.61 0.00	37.07 -0.45 0.00	40.52 -0.53 0.00	38.30 -0.47 0.00	37.08 -0.45 0.00	41.50 -0.55 0.00	38.00 -0.62 0.00	37.10 -0.60 0.00	37.17 -0.60 0.00	38.69 -0.63 0.00	41.85 -0.64 0.00	45.98 -0.42 -0.09	50.00 -0.15 -1.37	46.86 -0.46 -1.07	45.54 -0.60 -0.05	42.40 -0.69 0.00	38.20 -0.74 0.00	34.42 -0.67 0.00	33.53 -0.61 0.00
E_CANADA_CAP_HY 24051	33.03 2.01 0.00	31.57 1.87 0.00	30.33 1.80 0.00	30.08 1.83 0.00	30.96 1.94 0.00	32.60 2.30 0.00	40.83 3.30 0.00	44.83 3.77 0.00	42.06 3.29 0.00	40.50 2.96 0.00	45.33 3.28 0.00	41.51 2.90 0.00	40.56 2.86 0.00	40.79 3.02 0.00	42.66 3.34 0.00	46.27 3.78 0.00	52.61 4.68 -1.63	78.51 5.41 -24.32	69.91 4.77 -18.88	51.43 4.47 -0.88	47.14 4.05 0.00	42.52 3.58 0.00	38.10 3.02 0.00	36.95 2.80 0.00
E_CANADA_MHWK_HY 24050	31.14 0.12 0.00	29.81 0.12 0.00	28.64 0.11 0.00	28.36 0.11 0.00	29.16 0.15 0.00	30.57 0.27 0.00	38.01 0.49 0.00	41.71 0.65 0.00	39.39 0.62 0.00	38.09 0.56 0.00	42.72 0.67 0.00	39.27 0.66 0.00	38.38 0.68 0.00	38.45 0.68 0.00	40.03 0.71 0.00	43.30 0.81 0.00	47.32 1.02 0.00	49.99 1.22 0.00	47.23 0.97 0.00	47.01 0.92 0.00	43.91 0.82 0.00	39.71 0.78 0.00	35.78 0.70 0.00	34.83 0.68 0.00
E_FISHKILL___LBMP 23776	32.16 1.15 0.00	30.67 0.98 0.00	29.47 0.94 0.00	29.15 0.90 0.00	29.88 0.87 0.00	31.45 1.15 0.00	39.89 2.36 0.00	43.72 2.67 0.00	41.36 2.60 0.00	40.08 2.55 0.00	44.87 2.82 0.00	41.32 2.70 0.00	40.30 2.60 0.00	40.34 2.57 0.00	42.08 2.75 0.00	45.55 3.06 0.00	51.41 4.08 -1.03	68.49 4.39 -15.33	62.28 4.12 -11.90	50.56 3.92 -0.55	46.32 3.23 0.00	41.93 3.00 0.00	37.82 2.74 0.00	36.64 2.49 0.00
FALCON___SEABRD_CC1 323796	32.59 1.58 0.00	31.30 1.60 0.00	30.10 1.57 0.00	29.74 1.50 0.00	30.67 1.65 0.00	31.90 1.60 0.00	38.31 0.79 0.00	42.00 0.94 0.00	39.50 0.73 0.00	38.24 0.71 0.00	42.85 0.80 0.00	39.46 0.85 0.00	38.49 0.79 0.00	38.53 0.76 0.00	39.99 0.67 0.00	43.00 0.51 0.00	45.75 -0.55 0.00	47.80 -0.98 0.00	45.66 -0.60 0.00	45.63 -0.46 0.00	43.61 0.52 0.00	39.56 0.62 0.00	35.36 0.28 0.00	35.07 0.92 0.00
FALCON___SEABRD_CC2 323797	32.59 1.58 0.00	31.30 1.60 0.00	30.10 1.57 0.00	29.74 1.50 0.00	30.67 1.65 0.00	31.90 1.60 0.00	38.31 0.79 0.00	42.00 0.94 0.00	39.50 0.73 0.00	38.24 0.71 0.00	42.85 0.80 0.00	39.46 0.85 0.00	38.49 0.79 0.00	38.53 0.76 0.00	39.99 0.67 0.00	43.00 0.51 0.00	45.75 -0.55 0.00	47.80 -0.98 0.00	45.66 -0.60 0.00	45.63 -0.46 0.00	43.61 0.52 0.00	39.56 0.62 0.00	35.36 0.28 0.00	35.07 0.92 0.00
FAR ROCKAWAY___4 23548	60.00 2.51 -26.48	77.35 2.23 -45.43	62.77 2.17 -32.07	36.12 2.09 -5.78	38.96 2.09 -7.86	62.82 2.18 -30.34	64.26 3.79 -22.95	76.79 4.19 -31.55	68.79 4.11 -25.92	62.48 4.02 -20.93	87.44 4.50 -40.89	58.58 4.21 -15.76	69.57 4.11 -27.76	65.17 4.08 -23.32	60.56 4.36 -16.87	73.81 4.67 -26.65	67.08 5.65 -15.12	80.34 6.10 -25.47	87.04 5.74 -35.04	98.32 5.58 -46.65	97.16 4.78 -49.28	68.37 4.48 -24.96	59.03 4.14 -19.81	63.54 4.17 -25.23
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.28 1.27 0.00	30.73 1.04 0.00	29.55 1.03 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.26 2.74 0.00	44.13 3.08 0.00	41.83 3.06 0.00	40.53 3.00 0.00	45.37 3.32 0.00	41.82 3.20 0.00	40.75 3.05 0.00	40.79 3.02 0.00	42.55 3.22 0.00	46.06 3.57 0.00	52.09 4.77 -1.01	68.98 5.07 -15.14	62.82 4.81 -11.75	51.15 4.52 -0.54	46.75 3.66 0.00	42.40 3.47 0.00	38.21 3.12 0.00	37.02 2.87 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.28 1.27 0.00	30.73 1.04 0.00	29.55 1.03 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.26 2.74 0.00	44.13 3.08 0.00	41.83 3.06 0.00	40.53 3.00 0.00	45.37 3.32 0.00	41.82 3.20 0.00	40.75 3.05 0.00	40.79 3.02 0.00	42.55 3.22 0.00	46.06 3.57 0.00	52.09 4.77 -1.01	68.98 5.07 -15.14	62.82 4.81 -11.75	51.20 4.56 -0.54	46.79 3.71 0.00	42.40 3.47 0.00	38.21 3.12 0.00	37.02 2.87 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.25 1.24 0.00	30.73 1.04 0.00	29.53 1.00 0.00	29.18 0.93 0.00	29.91 0.90 0.00	31.51 1.21 0.00	40.23 2.70 0.00	44.09 3.04 0.00	41.79 3.02 0.00	40.50 2.96 0.00	45.33 3.28 0.00	41.78 3.17 0.00	40.72 3.02 0.00	40.76 2.98 0.00	42.51 3.19 0.00	46.02 3.53 0.00	52.05 4.72 -1.01	68.93 5.02 -15.14	62.77 4.76 -11.75	51.15 4.52 -0.54	46.75 3.66 0.00	42.36 3.43 0.00	38.21 3.12 0.00	37.02 2.87 0.00
FARRAGUT___LBMP 323566	32.25 1.24 0.00	30.70 1.01 0.00	29.53 1.00 0.00	29.18 0.93 0.00	29.91 0.90 0.00	31.51 1.21 0.00	40.19 2.66 0.00	44.05 3.00 0.00	41.75 2.99 0.00	40.46 2.93 0.00	45.29 3.24 0.00	41.74 3.13 0.00	40.68 2.98 0.00	40.72 2.95 0.00	42.51 3.19 0.00	45.97 3.48 0.00	52.00 4.68 -1.01	68.88 4.97 -15.14	62.73 4.72 -11.75	51.10 4.47 -0.54	46.71 3.62 0.00	42.36 3.43 0.00	38.17 3.09 0.00	36.98 2.83 0.00
FENNER___WINDPWR 24204	31.60 0.59 0.00	30.29 0.59 0.00	29.13 0.60 0.00	28.81 0.56 0.00	29.62 0.61 0.00	31.02 0.73 0.00	38.80 1.28 0.00	42.53 1.48 0.00	40.12 1.36 0.00	38.81 1.28 0.00	43.43 1.39 0.00	39.81 1.20 0.00	38.87 1.17 0.00	38.98 1.21 0.00	40.58 1.26 0.00	43.94 1.45 0.00	48.29 1.85 -0.13	52.94 2.24 -1.92	49.51 1.76 -1.49	47.73 1.57 -0.07	44.47 1.38 0.00	40.02 1.09 0.00	35.99 0.91 0.00	35.07 0.92 0.00
FIBERTEK___ENERGY 23856	30.79 -0.22 0.00	29.52 -0.18 0.00	28.33 -0.20 0.00	28.07 -0.17 0.00	28.84 -0.17 0.00	30.09 -0.21 0.00	37.67 0.15 0.00	41.18 0.12 0.00	38.92 0.16 0.00	37.68 0.15 0.00	42.13 0.08 0.00	38.58 -0.04 0.00	37.66 -0.04 0.00	37.73 -0.04 0.00	39.28 -0.04 0.00	42.53 0.04 0.00	46.74 0.32 -0.11	51.04 0.63 -1.63	47.80 0.28 -1.27	46.29 0.14 -0.06	43.09 0.00 0.00	38.82 -0.12 0.00	34.94 -0.14 0.00	34.04 -0.10 0.00
FITZPATRICK____ 23598	29.96 -1.05 0.00	28.72 -0.98 0.00	27.56 -0.97 0.00	27.31 -0.93 0.00	28.06 -0.96 0.00	29.24 -1.06 0.00	36.43 -1.09 0.00	39.78 -1.27 0.00	37.61 -1.16 0.00	36.41 -1.12 0.00	40.74 -1.30 0.00	37.34 -1.27 0.00	36.42 -1.28 0.00	36.53 -1.25 0.00	37.99 -1.34 0.00	41.09 -1.40 0.00	45.08 -1.30 -0.06	48.56 -1.17 -0.96	45.66 -1.34 -0.74	44.69 -1.43 -0.03	41.62 -1.47 0.00	37.54 -1.40 0.00	33.85 -1.23 0.00	32.99 -1.16 0.00
FLOWRFLD_69_KV_BK1 356044	35.51 2.88 -1.61	34.99 2.52 -2.77	32.94 2.45 -1.95	30.96 2.37 -0.35	31.87 2.38 -0.47	34.99 2.85 -1.85	43.81 4.73 -1.56	48.47 5.25 -2.16	45.60 5.08 -1.76	43.90 4.95 -1.42	49.67 5.13 -2.49	44.17 4.60 -0.96	43.80 4.41 -1.69	43.61 4.42 -1.42	45.11 4.76 -1.02	49.65 5.35 -1.81	54.87 6.58 -1.99	71.82 7.22 -15.83	66.28 6.75 -13.27	56.00 6.41 -3.50	51.75 5.52 -3.15	45.77 5.14 -1.69	41.22 4.81 -1.33	40.16 4.47 -1.54
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.38 1.36 0.00	30.88 1.19 0.00	29.64 1.11 0.00	29.37 1.13 0.00	30.12 1.10 0.00	31.69 1.39 0.00	40.23 2.70 0.00	43.97 2.91 0.00	41.56 2.79 0.00	40.23 2.70 0.00	44.99 2.94 0.00	41.47 2.86 0.00	40.41 2.71 0.00	40.45 2.68 0.00	42.27 2.95 0.00	45.80 3.31 0.00	51.73 4.40 -1.02	68.84 4.83 -15.23	62.57 4.49 -11.83	50.88 4.24 -0.55	46.67 3.58 0.00	42.21 3.27 0.00	38.03 2.95 0.00	36.84 2.70 0.00
FORT ORANGE____ 23900	31.63 0.62 0.00	30.23 0.54 0.00	29.04 0.51 0.00	28.78 0.54 0.00	29.54 0.52 0.00	31.02 0.73 0.00	38.35 0.82 0.00	41.59 0.53 0.00	39.16 0.39 0.00	37.91 0.38 0.00	42.76 0.71 0.00	39.43 0.81 0.00	38.49 0.79 0.00	38.57 0.79 0.00	40.19 0.86 0.00	43.42 0.93 0.00	48.87 1.25 -1.31	69.85 1.46 -19.61	62.78 1.29 -15.22	48.04 1.24 -0.71	44.25 1.16 0.00	40.02 1.09 0.00	36.06 0.98 0.00	35.31 1.16 0.00
FORT_DRUM_COGEN 23780	30.73 -0.28 0.00	29.49 -0.21 0.00	28.38 -0.14 0.00	28.05 -0.20 0.00	28.87 -0.15 0.00	30.12 -0.18 0.00	37.56 0.04 0.00	41.34 0.29 0.00	38.85 0.08 0.00	37.49 -0.04 0.00	42.01 -0.04 0.00	38.58 -0.04 0.00	37.59 -0.11 0.00	37.73 -0.04 0.00	39.32 0.00 0.00	42.49 0.00 0.00	46.92 0.56 -0.06	50.70 1.07 -0.85	47.66 0.74 -0.66	46.58 0.46 -0.03	43.39 0.30 0.00	39.05 0.12 0.00	35.01 -0.07 0.00	34.08 -0.07 0.00
FOX_HILLS___ESR 323835	32.53 1.52 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.37 1.13 0.00	30.12 1.10 0.00	31.66 1.36 0.00	40.41 2.89 0.00	44.21 3.16 0.00	41.87 3.10 0.00	40.65 3.12 0.00	45.41 3.36 0.00	41.93 3.32 0.00	40.90 3.20 0.00	40.98 3.21 0.00	42.74 3.42 0.00	46.27 3.78 0.00	52.51 5.19 -1.01	69.37 5.46 -15.14	63.33 5.32 -11.75	51.66 5.02 -0.54	46.92 3.83 0.00	42.67 3.74 0.00	38.52 3.44 0.00	37.43 3.28 -0.01
FPL_FAR_ROCK_GT1 24212	60.00 2.51 -26.48	77.38 2.26 -45.43	62.77 2.17 -32.07	36.12 2.09 -5.78	38.96 2.09 -7.86	62.85 2.21 -30.34	64.26 3.79 -22.95	76.71 4.10 -31.55	68.84 4.15 -25.92	62.40 3.94 -20.93	87.52 4.58 -40.89	58.66 4.29 -15.76	69.57 4.11 -27.76	65.17 4.08 -23.32	60.59 4.40 -16.87	73.73 4.59 -26.65	67.11 5.69 -15.11	80.13 6.15 -25.21	86.84 5.74 -34.84	98.26 5.53 -46.64	97.11 4.74 -49.28	68.33 4.44 -24.96	59.04 4.14 -19.82	63.23 3.86 -25.23
FPL_FAR_ROCK_GT2 23815	60.00 2.51 -26.48	77.38 2.26 -45.43	62.77 2.17 -32.07	36.12 2.09 -5.78	38.96 2.09 -7.86	62.85 2.21 -30.34	64.26 3.79 -22.95	76.71 4.10 -31.55	68.84 4.15 -25.92	62.40 3.94 -20.93	87.52 4.58 -40.89	58.66 4.29 -15.76	69.57 4.11 -27.76	65.17 4.08 -23.32	60.59 4.40 -16.87	73.73 4.59 -26.65	67.11 5.69 -15.11	80.13 6.15 -25.21	86.84 5.74 -34.84	98.26 5.53 -46.64	97.11 4.74 -49.28	68.33 4.44 -24.96	59.04 4.14 -19.82	63.23 3.86 -25.23
FRANKLIN_FALL_HYD 24054	32.41 1.40 0.00	31.15 1.46 0.00	29.95 1.43 0.00	29.60 1.36 0.00	30.52 1.51 0.00	31.69 1.39 0.00	38.35 0.83 0.00	42.12 1.07 0.00	39.58 0.81 0.00	38.39 0.86 0.00	43.02 0.97 0.00	39.66 1.04 0.00	38.72 1.02 0.00	38.79 1.02 0.00	40.31 0.98 0.00	43.26 0.76 0.00	46.35 0.05 0.00	48.38 -0.39 0.00	46.31 0.05 0.00	46.27 0.18 0.00	43.82 0.73 0.00	39.83 0.90 0.00	35.57 0.49 0.00	34.97 0.82 0.00
FREEPORT_EQUS_GT1 23764	43.77 2.26 -10.49	49.69 1.99 -18.00	43.18 1.94 -12.71	32.39 1.86 -2.29	34.01 1.88 -3.11	44.56 2.24 -12.02	50.89 3.83 -9.54	58.37 4.19 -13.13	53.73 4.19 -10.77	50.25 4.02 -8.70	62.79 4.54 -16.20	49.10 4.25 -6.24	52.74 4.04 -11.00	51.05 4.04 -9.24	50.41 4.40 -6.68	58.20 4.63 -11.08	58.95 5.79 -6.86	73.61 6.00 -18.84	72.38 5.64 -20.48	69.66 5.39 -18.19	66.52 4.57 -18.87	53.79 4.48 -10.37	47.49 4.17 -8.24	48.03 3.89 -9.99

FREEPORT___CT2 23818	43.77 2.26 -10.49	49.69 1.99 -18.00	43.18 1.94 -12.71	32.39 1.86 -2.29	34.01 1.88 -3.11	44.56 2.24 -12.02	50.89 3.83 -9.54	58.37 4.19 -13.13	53.73 4.19 -10.77	50.25 4.02 -8.70	62.79 4.54 -16.20	49.10 4.25 -6.24	52.74 4.04 -11.00	51.05 4.04 -9.24	50.41 4.40 -6.68	58.20 4.63 -11.08	58.95 5.79 -6.86	73.61 6.00 -18.84	72.38 5.64 -20.48	69.66 5.39 -18.19	66.52 4.57 -18.87	53.79 4.48 -10.37	47.49 4.17 -8.24	48.03 3.89 -9.99
FRESHKLS_33_KV_LOAD 356253	32.59 1.58 0.00	31.00 1.31 0.00	29.78 1.26 0.00	29.40 1.16 0.00	30.17 1.16 0.00	31.72 1.42 0.00	40.45 2.93 0.00	44.26 3.20 0.00	41.91 3.14 0.00	40.65 3.12 0.00	45.41 3.36 0.00	41.93 3.32 0.00	40.90 3.20 0.00	40.98 3.21 0.00	42.74 3.42 0.00	46.27 3.78 0.00	52.55 5.23 -1.01	69.42 5.51 -15.14	63.42 5.41 -11.75	51.75 5.12 -0.54	46.97 3.88 0.00	42.71 3.78 0.00	38.56 3.47 0.00	37.47 3.31 -0.01
FULTON COGEN____ 23766	30.42 -0.59 0.00	29.16 -0.53 0.00	28.01 -0.51 0.00	27.74 -0.51 0.00	28.49 -0.52 0.00	29.72 -0.58 0.00	37.15 -0.38 0.00	40.64 -0.41 0.00	38.42 -0.35 0.00	37.19 -0.34 0.00	41.63 -0.42 0.00	38.15 -0.46 0.00	37.21 -0.49 0.00	37.28 -0.49 0.00	38.77 -0.55 0.00	41.94 -0.55 0.00	46.12 -0.28 -0.09	50.09 0.00 -1.32	46.96 -0.32 -1.02	45.72 -0.41 -0.05	42.53 -0.56 0.00	38.35 -0.58 0.00	34.56 -0.53 0.00	33.63 -0.51 0.00
FULTON___LFGE 323630	34.21 3.19 0.00	32.72 3.03 0.00	31.41 2.88 0.00	31.24 2.99 0.00	32.18 3.16 0.00	33.99 3.69 0.00	42.85 5.33 0.00	47.13 6.07 0.00	43.88 5.12 0.00	42.07 4.54 0.00	47.13 5.09 0.00	42.79 4.17 0.00	42.03 4.33 0.00	42.45 4.68 0.00	44.51 5.19 0.00	48.44 5.95 0.00	55.34 7.50 -1.54	80.22 8.53 -22.92	71.54 7.49 -17.79	54.06 7.14 -0.82	49.68 6.59 0.00	44.46 5.53 0.00	39.79 4.70 0.00	38.45 4.30 0.00
G.F.CEMENT___DRP 24184	32.31 1.30 0.00	30.88 1.19 0.00	29.64 1.11 0.00	29.43 1.19 0.00	30.23 1.22 0.00	31.84 1.55 0.00	39.93 2.40 0.00	43.89 2.83 0.00	41.25 2.48 0.00	39.82 2.29 0.00	44.74 2.69 0.00	40.85 2.24 0.00	39.85 2.15 0.00	39.85 2.08 0.00	41.45 2.12 0.00	44.83 2.34 0.00	50.90 3.24 -1.36	72.70 3.71 -20.22	65.15 3.19 -15.70	49.86 3.04 -0.73	45.76 2.67 0.00	41.54 2.61 0.00	37.33 2.25 0.00	36.33 2.19 0.00
GARDENVILLE___LBMP 24039	31.17 0.16 0.00	30.02 0.33 0.00	28.73 0.20 0.00	28.58 0.34 0.00	29.39 0.38 0.00	30.60 0.30 0.00	39.10 1.58 0.00	41.55 0.49 0.00	39.43 0.66 0.00	38.13 0.60 0.00	42.34 0.29 0.00	38.15 -0.46 0.00	37.32 -0.38 0.00	37.43 -0.34 0.00	38.89 -0.43 0.00	41.94 -0.55 0.00	45.38 -1.07 -0.14	50.68 -0.05 -1.96	46.39 -1.39 -1.52	44.42 -1.75 -0.08	42.05 -1.03 0.00	37.77 -1.17 0.00	34.14 -0.95 0.00	34.04 -0.10 0.00
GARDNVLA_35_KV_LD 355827	31.35 0.34 0.00	30.20 0.50 0.00	28.90 0.37 0.00	28.75 0.51 0.00	29.54 0.52 0.00	30.78 0.48 0.00	39.36 1.84 0.00	41.83 0.78 0.00	39.70 0.93 0.00	38.36 0.83 0.00	42.59 0.55 0.00	38.38 -0.23 0.00	37.55 -0.15 0.00	37.66 -0.11 0.00	39.13 -0.20 0.00	42.19 -0.30 0.00	45.61 -0.83 -0.14	50.98 0.24 -1.97	46.63 -1.16 -1.53	44.65 -1.52 -0.08	42.36 -0.73 0.00	38.00 -0.93 0.00	34.35 -0.74 0.00	34.25 0.10 0.00
GELCKHM___115KV_LOAD 80723	30.55 -0.47 0.00	29.28 -0.42 0.00	28.10 -0.43 0.00	27.85 -0.40 0.00	28.61 -0.41 0.00	29.84 -0.45 0.00	37.30 -0.23 0.00	40.77 -0.29 0.00	38.53 -0.23 0.00	37.31 -0.23 0.00	41.75 -0.29 0.00	38.23 -0.39 0.00	37.32 -0.38 0.00	37.39 -0.38 0.00	38.93 -0.39 0.00	42.11 -0.38 0.00	46.27 -0.14 -0.10	50.39 0.15 -1.47	47.22 -0.19 -1.14	45.82 -0.32 -0.05	42.62 -0.47 0.00	38.43 -0.51 0.00	34.59 -0.49 0.00	33.74 -0.41 0.00
GENERAL___MILLS 23808	31.29 0.28 0.00	30.14 0.45 0.00	28.84 0.31 0.00	28.70 0.45 0.00	29.51 0.49 0.00	30.72 0.42 0.00	39.25 1.73 0.00	41.75 0.70 0.00	39.62 0.85 0.00	38.28 0.75 0.00	42.51 0.46 0.00	38.30 -0.31 0.00	37.47 -0.23 0.00	37.58 -0.19 0.00	39.05 -0.28 0.00	42.11 -0.38 0.00	45.47 -0.97 -0.14	50.83 0.10 -1.96	46.54 -1.25 -1.53	44.51 -1.66 -0.08	42.23 -0.86 0.00	37.92 -1.01 0.00	34.28 -0.81 0.00	34.18 0.03 0.00
GE_PLASTICS___DRP 24183	31.63 0.62 0.00	30.23 0.53 0.00	29.04 0.51 0.00	28.75 0.51 0.00	29.51 0.49 0.00	30.99 0.70 0.00	38.27 0.75 0.00	41.87 0.82 0.00	39.47 0.70 0.00	38.24 0.71 0.00	43.06 1.01 0.00	39.66 1.04 0.00	38.72 1.02 0.00	38.79 1.02 0.00	40.35 1.02 0.00	43.68 1.19 0.00	49.19 1.57 -1.31	70.02 1.76 -19.49	62.91 1.53 -15.13	48.31 1.52 -0.70	44.42 1.34 0.00	40.18 1.25 0.00	36.31 1.23 0.00	35.24 1.09 0.00
GILBOA___1 23756	31.73 0.71 0.00	30.32 0.62 0.00	29.13 0.60 0.00	28.84 0.59 0.00	29.62 0.61 0.00	31.05 0.76 0.00	38.80 1.28 0.00	42.45 1.40 0.00	40.09 1.32 0.00	38.81 1.28 0.00	43.56 1.51 0.00	40.04 1.43 0.00	39.06 1.36 0.00	39.13 1.36 0.00	40.78 1.46 0.00	44.06 1.57 0.00	49.23 1.90 -1.02	66.16 2.10 -15.29	59.98 1.85 -11.87	48.53 1.89 -0.55	44.81 1.73 0.00	40.53 1.60 0.00	36.49 1.40 0.00	35.44 1.30 0.00
GILBOA___2 23757	31.73 0.71 0.00	30.32 0.62 0.00	29.13 0.60 0.00	28.84 0.59 0.00	29.62 0.61 0.00	31.05 0.76 0.00	38.80 1.28 0.00	42.45 1.40 0.00	40.09 1.32 0.00	38.81 1.28 0.00	43.56 1.51 0.00	40.04 1.43 0.00	39.06 1.36 0.00	39.13 1.36 0.00	40.78 1.46 0.00	44.06 1.57 0.00	49.23 1.90 -1.02	66.16 2.10 -15.29	59.98 1.85 -11.87	48.53 1.89 -0.55	44.81 1.73 0.00	40.53 1.60 0.00	36.49 1.40 0.00	35.44 1.30 0.00
GILBOA___3 23758	31.73 0.71 0.00	30.32 0.62 0.00	29.13 0.60 0.00	28.84 0.59 0.00	29.62 0.61 0.00	31.05 0.76 0.00	38.80 1.28 0.00	42.45 1.40 0.00	40.09 1.32 0.00	38.81 1.28 0.00	43.56 1.51 0.00	40.04 1.43 0.00	39.06 1.36 0.00	39.13 1.36 0.00	40.78 1.46 0.00	44.06 1.57 0.00	49.23 1.90 -1.02	66.16 2.10 -15.29	59.98 1.85 -11.87	48.53 1.89 -0.55	44.81 1.73 0.00	40.53 1.60 0.00	36.49 1.40 0.00	35.44 1.30 0.00
GILBOA___4 23759	31.73 0.71 0.00	30.32 0.62 0.00	29.13 0.60 0.00	28.84 0.59 0.00	29.62 0.61 0.00	31.05 0.76 0.00	38.80 1.28 0.00	42.45 1.40 0.00	40.09 1.32 0.00	38.81 1.28 0.00	43.56 1.51 0.00	40.04 1.43 0.00	39.06 1.36 0.00	39.13 1.36 0.00	40.78 1.46 0.00	44.06 1.57 0.00	49.23 1.90 -1.02	66.16 2.10 -15.29	59.98 1.85 -11.87	48.53 1.89 -0.55	44.81 1.73 0.00	40.53 1.60 0.00	36.49 1.40 0.00	35.44 1.30 0.00
GILBOA____ 23599	31.73 0.71 0.00	30.32 0.62 0.00	29.13 0.60 0.00	28.84 0.59 0.00	29.59 0.58 0.00	31.05 0.76 0.00	38.76 1.24 0.00	42.41 1.35 0.00	40.05 1.28 0.00	38.77 1.24 0.00	43.52 1.47 0.00	40.00 1.39 0.00	39.02 1.32 0.00	39.09 1.32 0.00	40.74 1.42 0.00	44.06 1.57 0.00	49.23 1.90 -1.02	66.16 2.10 -15.29	59.98 1.85 -11.87	48.53 1.89 -0.55	44.77 1.68 0.00	40.49 1.56 0.00	36.49 1.40 0.00	35.44 1.30 0.00

GINNA____ 23603	29.12 -1.89 0.00	27.88 -1.81 0.00	26.70 -1.83 0.00	26.49 -1.75 0.00	27.24 -1.77 0.00	28.45 -1.85 0.00	36.06 -1.46 0.00	39.08 -1.97 0.00	37.06 -1.70 0.00	35.92 -1.61 0.00	40.03 -2.02 0.00	36.41 -2.20 0.00	35.55 -2.15 0.00	35.66 -2.11 0.00	36.89 -2.44 0.00	40.11 -2.38 0.00	44.53 -1.90 -0.12	49.14 -1.46 -1.83	45.60 -2.08 -1.42	43.76 -2.40 -0.07	40.29 -2.80 0.00	36.21 -2.73 0.00	32.63 -2.46 0.00	32.00 -2.15 0.00
GLEN PARK____ 23778	30.76 -0.25 0.00	29.52 -0.18 0.00	28.39 -0.14 0.00	28.08 -0.17 0.00	28.90 -0.12 0.00	30.18 -0.12 0.00	37.67 0.15 0.00	41.42 0.37 0.00	38.88 0.12 0.00	37.49 -0.04 0.00	42.01 -0.04 0.00	38.58 -0.04 0.00	37.55 -0.15 0.00	37.73 -0.04 0.00	39.36 0.04 0.00	42.62 0.13 0.00	47.10 0.74 -0.06	51.02 1.36 -0.88	47.92 0.97 -0.68	46.81 0.69 -0.03	43.52 0.43 0.00	39.09 0.16 0.00	35.08 0.00 0.00	34.15 0.00 0.00
GLENDALE_27_KV_LOAD 356172	32.44 1.43 0.00	30.88 1.19 0.00	29.67 1.14 0.00	29.32 1.07 0.00	30.06 1.04 0.00	31.66 1.36 0.00	40.41 2.89 0.00	44.26 3.20 0.00	41.99 3.22 0.00	40.72 3.19 0.00	45.58 3.53 0.00	42.05 3.44 0.00	41.02 3.32 0.00	41.06 3.29 0.00	42.82 3.50 0.00	46.31 3.82 0.00	52.46 5.14 -1.01	69.37 5.46 -15.14	63.24 5.23 -11.75	51.61 4.98 -0.54	47.01 3.92 0.00	42.67 3.74 0.00	38.49 3.40 0.00	37.36 3.21 -0.01
GLENWOOD_IC_1_G5 23712	40.03 1.89 -7.13	43.56 1.63 -12.24	38.76 1.60 -8.64	31.32 1.53 -1.55	32.66 1.54 -2.11	40.35 1.88 -8.17	48.95 3.41 -8.01	55.75 3.65 -11.04	51.38 3.57 -9.05	48.37 3.53 -7.31	56.93 3.87 -11.01	46.48 3.63 -4.24	48.64 3.47 -7.47	47.52 3.47 -6.28	47.56 3.70 -4.54	55.83 4.04 -9.31	57.34 5.09 -5.94	72.74 5.46 -18.50	70.72 5.13 -19.32	66.52 4.93 -15.50	63.21 4.14 -15.98	51.51 3.85 -8.72	45.56 3.58 -6.90	44.25 3.31 -6.79
GLENWOOD_IC_2_G1 23688	36.00 1.64 -3.34	36.86 1.43 -5.74	33.95 1.37 -4.05	30.30 1.33 -0.72	31.31 1.31 -0.99	35.76 1.63 -3.83	40.82 3.08 -0.21	44.80 3.45 -0.30	42.42 3.41 -0.24	41.03 3.30 -0.20	50.91 3.70 -5.17	44.11 3.51 -1.99	44.56 3.35 -3.50	44.04 3.32 -2.94	45.07 3.62 -2.13	46.57 3.83 -0.25	52.34 4.91 -1.13	69.01 5.27 -14.97	62.97 4.95 -11.76	51.74 4.70 -0.95	47.45 3.92 -0.44	42.91 3.74 -0.23	38.72 3.44 -0.20	40.51 3.18 -3.18
GLENWOOD_IC_3_G1 23689	36.00 1.64 -3.34	36.86 1.43 -5.74	33.95 1.37 -4.05	30.30 1.33 -0.72	31.31 1.31 -0.99	35.76 1.63 -3.83	40.82 3.08 -0.21	44.80 3.45 -0.30	42.42 3.41 -0.24	41.03 3.30 -0.20	50.91 3.70 -5.17	44.11 3.51 -1.99	44.56 3.35 -3.50	44.04 3.32 -2.94	45.07 3.62 -2.13	46.57 3.83 -0.25	52.34 4.91 -1.13	69.01 5.27 -14.97	62.97 4.95 -11.76	51.74 4.70 -0.95	47.45 3.92 -0.44	42.91 3.74 -0.23	38.72 3.44 -0.20	40.51 3.18 -3.18
GLENWOOD____4 23550	40.03 1.89 -7.13	43.56 1.63 -12.24	38.76 1.60 -8.64	31.32 1.53 -1.55	32.66 1.54 -2.11	40.35 1.88 -8.17	48.95 3.41 -8.01	55.79 3.69 -11.04	51.46 3.64 -9.05	48.40 3.57 -7.31	56.97 3.91 -11.01	46.52 3.67 -4.24	48.72 3.54 -7.47	47.56 3.51 -6.28	47.60 3.74 -4.54	55.92 4.12 -9.31	57.38 5.14 -5.94	72.84 5.56 -18.50	70.81 5.23 -19.32	66.56 4.98 -15.50	63.25 4.18 -15.98	51.55 3.89 -8.72	45.60 3.61 -6.90	44.28 3.35 -6.79
GLENWOOD____5 23614	40.03 1.89 -7.13	43.56 1.63 -12.24	38.76 1.60 -8.64	31.32 1.53 -1.55	32.66 1.54 -2.11	40.35 1.88 -8.17	48.95 3.41 -8.01	55.79 3.69 -11.04	51.46 3.64 -9.05	48.40 3.57 -7.31	56.97 3.91 -11.01	46.52 3.67 -4.24	48.72 3.54 -7.47	47.56 3.51 -6.28	47.60 3.74 -4.54	55.92 4.12 -9.31	57.38 5.14 -5.94	72.84 5.56 -18.50	70.81 5.23 -19.32	66.56 4.98 -15.50	63.25 4.18 -15.98	51.55 3.89 -8.72	45.60 3.61 -6.90	44.28 3.35 -6.79
GLOBAL GREEN_PORT_GT1 23814	36.68 4.13 -1.54	35.97 3.62 -2.65	33.93 3.54 -1.87	31.96 3.39 -0.33	32.92 3.45 -0.45	36.15 4.09 -1.77	45.42 6.42 -1.48	50.22 7.10 -2.06	47.27 6.83 -1.68	45.26 6.38 -1.35	51.37 6.94 -2.38	45.94 6.41 -0.91	45.20 5.88 -1.62	44.94 5.81 -1.36	46.91 6.60 -0.98	51.61 7.39 -1.73	57.26 9.03 -1.92	74.16 9.86 -15.53	68.46 9.21 -12.99	58.35 8.90 -3.36	53.98 7.89 -3.01	47.71 7.16 -1.62	42.75 6.39 -1.28	41.39 5.77 -1.47
GLOBE____DSASP 323697	29.77 -1.24 0.00	28.66 -1.04 0.00	27.56 -0.97 0.00	27.31 -0.93 0.00	28.08 -0.93 0.00	29.18 -1.12 0.00	37.15 -0.38 0.00	39.33 -1.72 0.00	37.37 -1.40 0.00	36.18 -1.35 0.00	40.11 -1.93 0.00	36.10 -2.51 0.00	35.32 -2.38 0.00	35.43 -2.34 0.00	36.81 -2.52 0.00	39.69 -2.80 0.00	43.65 -2.78 -0.12	48.41 -2.05 -1.69	44.38 -3.19 -1.31	42.66 -3.50 -0.07	39.73 -3.36 0.00	35.70 -3.23 0.00	32.35 -2.74 0.00	32.41 -1.74 0.00
GOETHSLN____LBMP 323567	32.04 1.02 0.00	30.53 0.83 0.00	29.33 0.80 0.00	28.98 0.73 0.00	29.71 0.70 0.00	31.33 1.03 0.00	39.96 2.44 0.00	43.80 2.75 0.00	41.52 2.75 0.00	40.23 2.70 0.00	45.03 2.99 0.00	41.55 2.93 0.00	40.49 2.79 0.00	40.53 2.76 0.00	42.27 2.95 0.00	45.72 3.23 -1.01	51.72 4.40 -15.14	68.59 4.68 -11.75	62.45 4.44 -0.54	50.78 4.15 0.00	46.49 3.40 0.00	42.17 3.23 0.00	38.00 2.91 0.00	36.78 2.63 0.00
GOLAH____69_KV_TB 1_2 80279	30.79 -0.22 0.00	29.61 -0.09 0.00	28.33 -0.20 0.00	28.10 -0.14 0.00	28.90 -0.12 0.00	30.18 -0.12 0.00	38.24 0.71 0.00	41.18 0.12 0.00	39.08 0.31 0.00	37.79 0.26 0.00	42.09 0.04 0.00	38.11 -0.50 0.00	37.17 -0.53 0.00	37.20 -0.57 0.00	38.69 -0.63 0.00	41.73 -0.76 0.00	46.29 -0.14 -0.13	51.22 0.59 -1.87	47.52 -0.19 -1.45	45.60 -0.55 -0.07	42.05 -1.03 0.00	37.88 -1.05 0.00	34.21 -0.88 0.00	33.81 -0.34 0.00
GOODYEAR_LAKE_HYD 323669	32.35 1.33 0.00	30.94 1.25 0.00	29.75 1.23 0.00	29.46 1.21 0.00	30.26 1.25 0.00	31.75 1.45 0.00	39.96 2.44 0.00	43.80 2.75 0.00	41.33 2.56 0.00	39.90 2.36 0.00	44.66 2.61 0.00	40.93 2.32 0.00	39.92 2.22 0.00	40.04 2.27 0.00	41.76 2.44 0.00	45.21 2.72 0.00	49.89 3.33 -0.25	56.46 3.95 -3.74	52.54 3.38 -2.90	49.40 3.18 -0.13	45.93 2.84 0.00	41.39 2.45 0.00	37.19 2.10 0.00	36.16 2.01 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.38 0.37 0.00	30.08 0.39 0.00	28.90 0.37 0.00	28.64 0.40 0.00	29.42 0.41 0.00	30.75 0.45 0.00	38.72 1.20 0.00	42.20 1.15 0.00	39.89 1.12 0.00	38.58 1.05 0.00	43.10 1.05 0.00	39.42 0.81 0.00	38.49 0.79 0.00	38.56 0.79 0.00	40.19 0.87 0.00	43.43 0.93 0.00	47.80 1.16 -0.34	55.40 1.61 -5.02	51.22 1.06 -3.90	47.15 0.88 -0.18	43.99 0.90 0.00	39.68 0.74 0.00	35.71 0.63 0.00	34.86 0.72 0.00
GOUDEY____7 23579	31.42 0.40 0.00	30.11 0.42 0.00	28.93 0.40 0.00	28.64 0.40 0.00	29.45 0.44 0.00	30.78 0.48 0.00	38.76 1.24 0.00	42.24 1.19 0.00	39.93 1.16 0.00	38.62 1.09 0.00	43.14 1.09 0.00	39.46 0.85 0.00	38.53 0.83 0.00	38.60 0.83 0.00	40.23 0.90 0.00	43.51 1.02 0.00	47.85 1.20 -0.34	55.45 1.66 -5.02	51.27 1.11 -3.90	47.24 0.97 -0.18	44.04 0.95 0.00	39.71 0.78 0.00	35.75 0.67 0.00	34.90 0.75 0.00

GOUDEY___8 23580	31.38 0.37 0.00	30.08 0.39 0.00	28.90 0.37 0.00	28.64 0.40 0.00	29.42 0.41 0.00	30.75 0.45 0.00	38.72 1.20 0.00	42.20 1.15 0.00	39.89 1.12 0.00	38.58 1.05 0.00	43.10 1.05 0.00	39.42 0.81 0.00	38.49 0.79 0.00	38.56 0.79 0.00	40.19 0.87 0.00	43.43 0.93 0.00	47.80 1.16 -0.34	55.40 1.61 -5.02	51.22 1.06 -3.90	47.15 0.88 -0.18	43.99 0.90 0.00	39.68 0.74 0.00	35.71 0.63 0.00	34.86 0.72 0.00
GOWANUS_GT1_1 24077	32.50 1.49 0.00	30.94 1.25 0.00	29.70 1.17 0.00	29.35 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.41 2.89 0.00	44.21 3.16 0.00	41.91 3.14 0.00	40.65 3.12 0.00	45.50 3.45 0.00	41.97 3.36 0.00	40.94 3.24 0.00	41.02 3.25 0.00	42.78 3.46 0.00	46.27 3.78 0.00	52.51 5.19 -1.01	69.37 5.46 -15.14	63.33 5.32 -11.75	51.66 5.02 -0.54	46.97 3.88 0.00	42.67 3.74 0.00	38.49 3.40 0.00	37.40 3.24 -0.01
GOWANUS_GT1_2 24078	32.50 1.49 0.00	30.94 1.25 0.00	29.70 1.17 0.00	29.35 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.41 2.89 0.00	44.21 3.16 0.00	41.91 3.14 0.00	40.65 3.12 0.00	45.50 3.45 0.00	41.97 3.36 0.00	40.94 3.24 0.00	41.02 3.25 0.00	42.78 3.46 0.00	46.27 3.78 0.00	52.51 5.19 -1.01	69.37 5.46 -15.14	63.33 5.32 -11.75	51.66 5.02 -0.54	46.97 3.88 0.00	42.67 3.74 0.00	38.49 3.40 0.00	37.40 3.24 -0.01
GOWANUS_GT1_3 24079	32.50 1.49 0.00	30.94 1.25 0.00	29.70 1.17 0.00	29.35 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.41 2.89 0.00	44.21 3.16 0.00	41.91 3.14 0.00	40.65 3.12 0.00	45.50 3.45 0.00	41.97 3.36 0.00	40.94 3.24 0.00	41.02 3.25 0.00	42.78 3.46 0.00	46.27 3.78 0.00	52.51 5.19 -1.01	69.37 5.46 -15.14	63.33 5.32 -11.75	51.66 5.02 -0.54	46.97 3.88 0.00	42.67 3.74 0.00	38.49 3.40 0.00	37.40 3.24 -0.01
GOWANUS_GT1_4 24080	32.50 1.49 0.00	30.94 1.25 0.00	29.70 1.17 0.00	29.35 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.41 2.89 0.00	44.21 3.16 0.00	41.91 3.14 0.00	40.65 3.12 0.00	45.50 3.45 0.00	41.97 3.36 0.00	40.94 3.24 0.00	41.02 3.25 0.00	42.78 3.46 0.00	46.27 3.78 0.00	52.51 5.19 -1.01	69.37 5.46 -15.14	63.33 5.32 -11.75	51.66 5.02 -0.54	46.97 3.88 0.00	42.67 3.74 0.00	38.49 3.40 0.00	37.40 3.24 -0.01
GOWANUS_GT1_5 24084	32.50 1.49 0.00	30.94 1.25 0.00	29.70 1.17 0.00	29.35 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.41 2.89 0.00	44.21 3.16 0.00	41.91 3.14 0.00	40.65 3.12 0.00	45.50 3.45 0.00	41.97 3.36 0.00	40.94 3.24 0.00	41.02 3.25 0.00	42.78 3.46 0.00	46.27 3.78 0.00	52.51 5.19 -1.01	69.37 5.46 -15.14	63.33 5.32 -11.75	51.66 5.02 -0.54	46.97 3.88 0.00	42.67 3.74 0.00	38.49 3.40 0.00	37.40 3.24 -0.01
GOWANUS_GT1_6 24111	32.50 1.49 0.00	30.94 1.25 0.00	29.70 1.17 0.00	29.35 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.41 2.89 0.00	44.21 3.16 0.00	41.91 3.14 0.00	40.65 3.12 0.00	45.50 3.45 0.00	41.97 3.36 0.00	40.94 3.24 0.00	41.02 3.25 0.00	42.78 3.46 0.00	46.27 3.78 0.00	52.51 5.19 -1.01	69.37 5.46 -15.14	63.33 5.32 -11.75	51.66 5.02 -0.54	46.97 3.88 0.00	42.67 3.74 0.00	38.49 3.40 0.00	37.40 3.24 -0.01
GOWANUS_GT1_7 24112	32.50 1.49 0.00	30.94 1.25 0.00	29.70 1.17 0.00	29.35 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.41 2.89 0.00	44.21 3.16 0.00	41.91 3.14 0.00	40.65 3.12 0.00	45.50 3.45 0.00	41.97 3.36 0.00	40.94 3.24 0.00	41.02 3.25 0.00	42.78 3.46 0.00	46.27 3.78 0.00	52.51 5.19 -1.01	69.37 5.46 -15.14	63.33 5.32 -11.75	51.66 5.02 -0.54	46.97 3.88 0.00	42.67 3.74 0.00	38.49 3.40 0.00	37.40 3.24 -0.01
GOWANUS_GT1_8 24113	32.50 1.49 0.00	30.94 1.25 0.00	29.70 1.17 0.00	29.35 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.41 2.89 0.00	44.21 3.16 0.00	41.91 3.14 0.00	40.65 3.12 0.00	45.50 3.45 0.00	41.97 3.36 0.00	40.94 3.24 0.00	41.02 3.25 0.00	42.78 3.46 0.00	46.27 3.78 0.00	52.51 5.19 -1.01	69.37 5.46 -15.14	63.33 5.32 -11.75	51.66 5.02 -0.54	46.97 3.88 0.00	42.67 3.74 0.00	38.49 3.40 0.00	37.40 3.24 -0.01
GOWANUS_GT2_1 24114	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
GOWANUS_GT2_2 24115	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
GOWANUS_GT2_3 24116	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
GOWANUS_GT2_4 24117	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
GOWANUS_GT2_5 24118	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
GOWANUS_GT2_6 24119	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01

GOWANUS_GT2_7 24120	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
GOWANUS_GT2_8 24121	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
GOWANUS_GT3_1 24122	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
GOWANUS_GT3_2 24123	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
GOWANUS_GT3_3 24124	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
GOWANUS_GT3_4 24125	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
GOWANUS_GT3_5 24126	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
GOWANUS_GT3_6 24127	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
GOWANUS_GT3_7 24128	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
GOWANUS_GT3_8 24129	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
GOWANUS_GT4_1 24130	32.50 1.49 0.00	30.94 1.25 0.00	29.70 1.17 0.00	29.35 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.41 2.89 0.00	44.21 3.16 0.00	41.91 3.14 0.00	40.65 3.12 0.00	45.50 3.45 0.00	41.97 3.36 0.00	40.94 3.24 0.00	41.02 3.25 0.00	42.78 3.46 0.00	46.27 3.78 0.00	52.51 5.19 -1.01	69.37 5.46 -15.14	63.33 5.32 -11.75	51.66 5.02 -0.54	46.97 3.88 0.00	42.67 3.74 0.00	38.49 3.40 0.00	37.40 3.24 -0.01
GOWANUS_GT4_2 24131	32.50 1.49 0.00	30.94 1.25 0.00	29.70 1.17 0.00	29.35 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.41 2.89 0.00	44.21 3.16 0.00	41.91 3.14 0.00	40.65 3.12 0.00	45.50 3.45 0.00	41.97 3.36 0.00	40.94 3.24 0.00	41.02 3.25 0.00	42.78 3.46 0.00	46.27 3.78 0.00	52.51 5.19 -1.01	69.37 5.46 -15.14	63.33 5.32 -11.75	51.66 5.02 -0.54	46.97 3.88 0.00	42.67 3.74 0.00	38.49 3.40 0.00	37.40 3.24 -0.01
GOWANUS_GT4_3 24132	32.50 1.49 0.00	30.94 1.25 0.00	29.70 1.17 0.00	29.35 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.41 2.89 0.00	44.21 3.16 0.00	41.91 3.14 0.00	40.65 3.12 0.00	45.50 3.45 0.00	41.97 3.36 0.00	40.94 3.24 0.00	41.02 3.25 0.00	42.78 3.46 0.00	46.27 3.78 0.00	52.51 5.19 -1.01	69.37 5.46 -15.14	63.33 5.32 -11.75	51.66 5.02 -0.54	46.97 3.88 0.00	42.67 3.74 0.00	38.49 3.40 0.00	37.40 3.24 -0.01
GOWANUS_GT4_4 24133	32.50 1.49 0.00	30.94 1.25 0.00	29.70 1.17 0.00	29.35 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.41 2.89 0.00	44.21 3.16 0.00	41.91 3.14 0.00	40.65 3.12 0.00	45.50 3.45 0.00	41.97 3.36 0.00	40.94 3.24 0.00	41.02 3.25 0.00	42.78 3.46 0.00	46.27 3.78 0.00	52.51 5.19 -1.01	69.37 5.46 -15.14	63.33 5.32 -11.75	51.66 5.02 -0.54	46.97 3.88 0.00	42.67 3.74 0.00	38.49 3.40 0.00	37.40 3.24 -0.01
GOWANUS_GT4_5 24134	32.50 1.49 0.00	30.94 1.25 0.00	29.70 1.17 0.00	29.35 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.41 2.89 0.00	44.21 3.16 0.00	41.91 3.14 0.00	40.65 3.12 0.00	45.50 3.45 0.00	41.97 3.36 0.00	40.94 3.24 0.00	41.02 3.25 0.00	42.78 3.46 0.00	46.27 3.78 0.00	52.51 5.19 -1.01	69.37 5.46 -15.14	63.33 5.32 -11.75	51.66 5.02 -0.54	46.97 3.88 0.00	42.67 3.74 0.00	38.49 3.40 0.00	37.40 3.24 -0.01

GOWANUS_GT4_6 24135	32.50 1.49 0.00	30.94 1.25 0.00	29.70 1.17 0.00	29.35 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.41 2.89 0.00	44.21 3.16 0.00	41.91 3.14 0.00	40.65 3.12 0.00	45.50 3.45 0.00	41.97 3.36 0.00	40.94 3.24 0.00	41.02 3.25 0.00	42.78 3.46 0.00	46.27 3.78 0.00	52.51 5.19 -1.01	69.37 5.46 -15.14	63.33 5.32 -11.75	51.66 5.02 -0.54	46.97 3.88 0.00	42.67 3.74 0.00	38.49 3.40 0.00	37.40 3.24 -0.01
GOWANUS_GT4_7 24136	32.50 1.49 0.00	30.94 1.25 0.00	29.70 1.17 0.00	29.35 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.41 2.89 0.00	44.21 3.16 0.00	41.91 3.14 0.00	40.65 3.12 0.00	45.50 3.45 0.00	41.97 3.36 0.00	40.94 3.24 0.00	41.02 3.25 0.00	42.78 3.46 0.00	46.27 3.78 0.00	52.51 5.19 -1.01	69.37 5.46 -15.14	63.33 5.32 -11.75	51.66 5.02 -0.54	46.97 3.88 0.00	42.67 3.74 0.00	38.49 3.40 0.00	37.40 3.24 -0.01
GOWANUS_GT4_8 24137	32.50 1.49 0.00	30.94 1.25 0.00	29.70 1.17 0.00	29.35 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.41 2.89 0.00	44.21 3.16 0.00	41.91 3.14 0.00	40.65 3.12 0.00	45.50 3.45 0.00	41.97 3.36 0.00	40.94 3.24 0.00	41.02 3.25 0.00	42.78 3.46 0.00	46.27 3.78 0.00	52.51 5.19 -1.01	69.37 5.46 -15.14	63.33 5.32 -11.75	51.66 5.02 -0.54	46.97 3.88 0.00	42.67 3.74 0.00	38.49 3.40 0.00	37.40 3.24 -0.01
GREENBSH_115KV_TB3 55895	31.48 0.47 0.00	30.08 0.39 0.00	28.90 0.37 0.00	28.61 0.37 0.00	29.36 0.35 0.00	30.84 0.55 0.00	38.01 0.49 0.00	41.59 0.53 0.00	39.19 0.43 0.00	37.98 0.45 0.00	42.85 0.80 0.00	39.50 0.89 0.00	38.57 0.87 0.00	38.64 0.87 0.00	40.15 0.83 0.00	43.47 0.98 0.00	48.96 1.34 -1.31	69.88 1.51 -19.59	62.76 1.30 -15.21	48.08 1.29 -0.71	44.21 1.12 0.00	40.03 1.09 0.00	36.21 1.12 0.00	35.10 0.96 0.00
GREENDGE_115KV_TB5 80291	31.57 0.56 0.00	30.32 0.62 0.00	29.10 0.57 0.00	28.84 0.59 0.00	29.68 0.67 0.00	31.05 0.76 0.00	39.51 1.99 0.00	42.49 1.44 0.00	40.63 1.86 0.00	39.29 1.76 0.00	43.35 1.30 0.00	39.81 1.20 0.00	38.87 1.17 0.00	39.02 1.25 0.00	40.62 1.30 0.00	43.47 0.98 0.00	47.89 1.39 -0.20	53.82 2.15 -2.90	49.81 1.30 -2.25	47.16 0.97 -0.11	43.95 0.86 0.00	39.83 0.90 0.00	35.82 0.74 0.00	35.10 0.96 0.00
GREENIDGE___3 23582	31.57 0.56 0.00	30.32 0.62 0.00	29.10 0.57 0.00	28.84 0.59 0.00	29.68 0.67 0.00	31.05 0.76 0.00	39.51 1.99 0.00	42.49 1.44 0.00	40.63 1.86 0.00	39.29 1.76 0.00	43.35 1.30 0.00	39.81 1.20 0.00	38.87 1.17 0.00	39.02 1.25 0.00	40.62 1.30 0.00	43.47 0.98 0.00	47.89 1.39 -0.20	53.82 2.15 -2.90	49.81 1.30 -2.25	47.16 0.97 -0.11	43.95 0.86 0.00	39.83 0.90 0.00	35.82 0.74 0.00	35.10 0.96 0.00
GREENIDGE___4 23583	31.57 0.56 0.00	30.32 0.62 0.00	29.10 0.57 0.00	28.84 0.59 0.00	29.68 0.67 0.00	31.08 0.79 0.00	39.51 1.99 0.00	42.49 1.44 0.00	40.63 1.86 0.00	39.33 1.80 0.00	43.31 1.26 0.00	39.81 1.20 0.00	38.87 1.17 0.00	39.02 1.24 0.00	40.42 1.10 0.00	43.51 1.02 0.00	47.85 1.34 -0.19	53.80 2.14 -2.89	49.79 1.29 -2.24	47.16 0.97 -0.10	43.95 0.86 0.00	39.79 0.86 0.00	35.82 0.74 0.00	35.07 0.92 0.00
GREENLWN_69_KV_BK 3 55738	35.11 2.26 -1.83	34.83 1.99 -3.15	32.69 1.94 -2.22	30.50 1.86 -0.39	31.44 1.89 -0.54	34.64 2.24 -2.10	43.17 3.86 -1.78	47.79 4.27 -2.47	44.97 4.19 -2.01	43.28 4.13 -1.62	49.13 4.25 -2.83	43.29 3.59 -1.09	43.13 3.51 -1.92	42.86 3.47 -1.61	44.15 3.66 -1.16	48.60 4.04 -2.07	53.36 4.95 -2.10	70.08 5.41 -15.89	64.80 5.09 -13.45	54.82 4.84 -3.89	50.72 4.05 -3.58	44.73 3.85 -1.94	40.50 3.89 -1.53	39.61 3.72 -1.74
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.50 1.49 0.00	30.94 1.25 0.00	29.70 1.17 0.00	29.35 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.41 2.89 0.00	44.21 3.16 0.00	41.91 3.14 0.00	40.65 3.12 0.00	45.50 3.45 0.00	41.97 3.36 0.00	40.94 3.24 0.00	41.02 3.25 0.00	42.78 3.46 0.00	46.27 3.78 0.00	52.51 5.19 -1.01	69.37 5.46 -15.14	63.33 5.32 -11.75	51.66 5.02 -0.54	46.97 3.88 0.00	42.67 3.74 0.00	38.49 3.40 0.00	37.40 3.24 -0.01
GRISSOM___SOLAR 323813	34.21 3.19 0.00	32.72 3.03 0.00	31.41 2.88 0.00	31.24 2.99 0.00	32.18 3.16 0.00	33.99 3.69 0.00	42.85 5.33 0.00	47.13 6.07 0.00	43.88 5.12 0.00	42.07 4.54 0.00	47.13 5.09 0.00	42.79 4.17 0.00	42.03 4.33 0.00	42.45 4.68 0.00	44.51 5.19 0.00	48.44 5.95 0.00	55.34 7.50 -1.54	80.22 8.53 -22.92	71.54 7.49 -17.79	54.06 7.14 -0.82	49.68 6.59 0.00	44.46 5.53 0.00	39.79 4.70 0.00	38.45 4.30 0.00
GROVEVILLE___HYD 323602	32.38 1.36 0.00	30.88 1.19 0.00	29.64 1.11 0.00	29.37 1.13 0.00	30.12 1.10 0.00	31.69 1.39 0.00	40.23 2.70 0.00	43.97 2.91 0.00	41.56 2.79 0.00	40.23 2.70 0.00	44.99 2.94 0.00	41.47 2.86 0.00	40.41 2.71 0.00	40.45 2.68 0.00	42.27 2.95 0.00	45.80 3.31 0.00	51.73 4.40 -1.02	68.84 4.83 -15.23	62.57 4.49 -11.83	50.88 4.24 -0.55	46.67 3.58 0.00	42.21 3.27 0.00	38.03 2.95 0.00	36.84 2.70 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.79 -0.22 0.00	29.52 -0.18 0.00	28.33 -0.20 0.00	28.07 -0.17 0.00	28.84 -0.17 0.00	30.09 -0.21 0.00	37.67 0.15 0.00	41.18 0.12 0.00	38.92 0.16 0.00	37.68 0.15 0.00	42.13 0.08 0.00	38.58 -0.04 0.00	37.66 -0.04 0.00	37.73 -0.04 0.00	39.28 -0.04 0.00	42.53 0.04 0.00	46.74 0.32 -0.11	51.04 0.63 -1.63	47.80 0.28 -1.27	46.29 0.14 -0.06	43.09 0.00 0.00	38.82 -0.12 0.00	34.94 -0.14 0.00	34.04 -0.10 0.00
HAMLTNNY_34_KV_TB 80303	30.86 -0.16 0.00	29.58 -0.12 0.00	28.38 -0.14 0.00	28.10 -0.14 0.00	28.87 -0.15 0.00	30.15 -0.15 0.00	37.82 0.30 0.00	41.34 0.29 0.00	39.08 0.31 0.00	37.83 0.30 0.00	42.30 0.25 0.00	38.69 0.08 0.00	37.78 0.08 0.00	37.88 0.11 0.00	39.44 0.12 0.00	42.66 0.17 0.00	46.93 0.51 -0.12	51.38 0.88 -1.73	48.06 0.46 -1.34	46.43 0.28 -0.06	43.18 0.09 0.00	38.90 -0.04 0.00	35.01 -0.07 0.00	34.15 0.00 0.00
HAMPSHIRE___PAPER_HYD 323593	30.95 -0.06 0.00	29.78 0.09 0.00	28.64 0.11 0.00	28.33 0.08 0.00	29.16 0.15 0.00	30.24 -0.06 0.00	37.08 -0.45 0.00	40.77 -0.29 0.00	38.38 -0.39 0.00	37.08 -0.45 0.00	41.71 -0.34 0.00	38.35 -0.27 0.00	37.44 -0.26 0.00	37.55 -0.23 0.00	39.17 -0.16 0.00	41.98 -0.51 0.00	45.69 -0.65 -0.03	48.35 -0.88 -0.46	46.06 -0.55 -0.35	45.46 -0.65 -0.02	42.66 -0.43 0.00	38.70 -0.23 0.00	34.80 -0.28 0.00	33.91 -0.24 0.00
HARDSCRABBLE_WT_PWR 323673	31.04 0.03 0.00	29.72 0.03 0.00	28.56 0.03 0.00	28.30 0.06 0.00	29.07 0.06 0.00	30.51 0.21 0.00	37.98 0.45 0.00	41.67 0.62 0.00	39.35 0.58 0.00	38.09 0.56 0.00	42.72 0.67 0.00	39.23 0.62 0.00	38.34 0.64 0.00	38.41 0.64 0.00	39.99 0.67 0.00	43.26 0.77 0.00	47.28 0.97 0.00	49.94 1.17 0.00	47.19 0.92 0.00	46.96 0.87 0.00	43.87 0.78 0.00	39.67 0.74 0.00	35.75 0.66 0.00	34.79 0.65 0.00

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.07 1.05 0.00	30.56 0.86 0.00	29.35 0.83 0.00	29.06 0.82 0.00	29.83 0.81 0.00	31.36 1.06 0.00	39.81 2.29 0.00	43.52 2.46 0.00	41.13 2.36 0.00	39.75 2.21 0.00	44.49 2.44 0.00	41.01 2.39 0.00	39.96 2.26 0.00	40.00 2.23 0.00	41.76 2.44 0.00	45.21 2.72 0.00	51.00 3.75 -0.94	66.94 4.15 -14.02	60.94 3.79 -10.89	50.14 3.55 -0.50	46.02 2.93 0.00	41.66 2.73 0.00	37.54 2.46 0.00	36.40 2.25 0.00
HARSNRAD_115KV_TB1 81005	30.58 -0.43 0.00	29.46 -0.24 0.00	28.16 -0.37 0.00	28.05 -0.20 0.00	28.84 -0.17 0.00	29.99 -0.30 0.00	38.24 0.71 0.00	40.56 -0.49 0.00	38.53 -0.23 0.00	37.27 -0.26 0.00	41.38 -0.67 0.00	37.22 -1.39 0.00	36.42 -1.28 0.00	36.52 -1.25 0.00	37.95 -1.38 0.00	40.96 -1.53 0.00	44.81 -1.62 -0.13	49.88 -0.68 -1.79	45.71 -1.94 -1.39	43.81 -2.35 -0.07	40.98 -2.11 0.00	36.76 -2.18 0.00	33.29 -1.79 0.00	33.29 -0.85 0.00
HARZA MOOSE__RIVER 24016	31.42 0.40 0.00	30.11 0.42 0.00	28.96 0.43 0.00	28.64 0.40 0.00	29.45 0.44 0.00	30.81 0.52 0.00	38.39 0.86 0.00	42.16 1.11 0.00	39.70 0.93 0.00	38.36 0.83 0.00	43.02 0.97 0.00	39.46 0.85 0.00	38.49 0.79 0.00	38.60 0.83 0.00	40.27 0.94 0.00	43.51 1.02 0.00	47.78 1.44 -0.04	51.18 1.80 -0.61	48.17 1.43 -0.47	47.36 1.24 -0.02	44.17 1.08 0.00	39.79 0.86 0.00	35.75 0.67 0.00	34.83 0.68 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	30.58 -0.43 0.00	29.31 -0.39 0.00	28.13 -0.40 0.00	27.88 -0.37 0.00	28.61 -0.41 0.00	29.84 -0.45 0.00	37.30 -0.23 0.00	40.77 -0.29 0.00	38.53 -0.23 0.00	37.31 -0.23 0.00	41.75 -0.29 0.00	38.23 -0.39 0.00	37.32 -0.38 0.00	37.39 -0.38 0.00	38.93 -0.39 0.00	42.11 -0.38 0.00	46.31 -0.09 -0.10	50.41 0.15 -1.49	47.23 -0.19 -1.15	45.82 -0.32 -0.05	42.62 -0.47 0.00	38.43 -0.51 0.00	34.59 -0.49 0.00	33.70 -0.44 0.00
HELLGATE_13_KV_LD 55870	32.35 1.33 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.23 2.70 0.00	44.01 2.96 0.00	41.71 2.95 0.00	40.50 2.96 0.00	45.37 3.32 0.00	41.86 3.24 0.00	40.83 3.13 0.00	40.91 3.14 0.00	42.63 3.30 0.00	46.10 3.61 0.00	52.23 4.91 -1.01	69.08 5.17 -15.14	63.01 5.00 -11.75	51.38 4.75 -0.54	46.79 3.71 0.00	42.52 3.58 0.00	38.38 3.30 0.00	37.26 3.11 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.35 1.33 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.23 2.70 0.00	44.01 2.96 0.00	41.71 2.95 0.00	40.50 2.96 0.00	45.37 3.32 0.00	41.86 3.24 0.00	40.83 3.13 0.00	40.91 3.14 0.00	42.63 3.30 0.00	46.10 3.61 0.00	52.23 4.91 -1.01	69.08 5.17 -15.14	63.01 5.00 -11.75	51.38 4.75 -0.54	46.79 3.71 0.00	42.52 3.58 0.00	38.38 3.30 0.00	37.26 3.11 -0.01
HEMPSTEAD____ 23647	41.21 1.95 -8.25	45.57 1.72 -14.15	40.17 1.65 -9.99	31.65 1.61 -1.80	33.05 1.59 -2.44	41.72 1.97 -9.45	49.17 3.45 -8.20	56.16 3.82 -11.29	51.83 3.80 -9.26	48.69 3.68 -7.48	58.91 4.12 -12.74	47.42 3.90 -4.91	50.04 3.70 -8.65	48.70 3.66 -7.26	48.59 4.01 -5.25	56.22 4.21 -9.52	57.67 5.32 -6.04	72.59 5.61 -18.21	70.58 5.27 -19.04	66.46 5.02 -15.34	63.19 4.27 -15.83	51.94 4.09 -8.92	45.95 3.79 -7.08	45.55 3.55 -7.86
HEWLETT__69_KV_BK3 55828	59.85 2.36 -26.48	77.23 2.11 -45.43	62.62 2.03 -32.07	36.00 1.98 -5.78	38.84 1.97 -7.86	62.82 2.18 -30.34	64.23 3.75 -22.95	76.75 4.15 -31.55	68.76 4.07 -25.92	62.44 3.98 -20.93	87.40 4.46 -40.89	58.54 4.17 -15.76	69.53 4.07 -27.76	65.13 4.04 -23.32	60.48 4.29 -16.87	73.77 4.63 -26.65	66.99 5.56 -15.12	80.19 5.95 -25.47	86.90 5.60 -35.04	98.22 5.48 -46.65	97.07 4.70 -49.28	68.30 4.40 -24.96	59.00 4.10 -19.81	63.37 4.00 -25.23
HICKLING__1 23621	31.69 0.68 0.00	30.44 0.74 0.00	29.24 0.71 0.00	29.01 0.76 0.00	29.83 0.81 0.00	31.18 0.88 0.00	39.63 2.10 0.00	42.82 1.77 0.00	40.59 1.82 0.00	39.26 1.73 0.00	43.69 1.64 0.00	39.77 1.16 0.00	38.83 1.13 0.00	38.94 1.17 0.00	40.54 1.22 0.00	43.77 1.27 0.00	47.77 1.20 -0.26	54.57 1.95 -3.85	50.26 1.02 -2.99	46.92 0.69 -0.14	44.17 1.08 0.00	39.75 0.82 0.00	35.82 0.74 0.00	35.21 1.06 0.00
HICKLING__2 23622	31.69 0.68 0.00	30.44 0.74 0.00	29.24 0.71 0.00	29.01 0.76 0.00	29.83 0.81 0.00	31.18 0.88 0.00	39.63 2.10 0.00	42.82 1.77 0.00	40.59 1.82 0.00	39.26 1.73 0.00	43.69 1.64 0.00	39.77 1.16 0.00	38.83 1.13 0.00	38.94 1.17 0.00	40.54 1.22 0.00	43.77 1.27 0.00	47.77 1.20 -0.26	54.57 1.95 -3.85	50.26 1.02 -2.99	46.92 0.69 -0.14	44.17 1.08 0.00	39.75 0.82 0.00	35.82 0.74 0.00	35.21 1.06 0.00
HIGH FALLS__HY 23754	32.28 1.27 0.00	30.79 1.10 0.00	29.55 1.03 0.00	29.26 1.02 0.00	30.00 0.99 0.00	31.60 1.30 0.00	40.19 2.66 0.00	43.80 2.75 0.00	41.36 2.60 0.00	39.97 2.44 0.00	44.66 2.61 0.00	41.16 2.55 0.00	40.08 2.38 0.00	40.15 2.38 0.00	41.96 2.63 0.00	45.51 3.02 0.00	51.42 4.08 -1.04	68.83 4.58 -15.47	62.48 4.21 -12.01	50.56 3.92 -0.56	46.32 3.23 0.00	41.93 3.00 0.00	37.71 2.63 0.00	36.54 2.39 0.00
HILLBURN__GT 23639	32.03 1.02 0.00	30.52 0.83 0.00	29.36 0.83 0.00	29.03 0.79 0.00	29.77 0.75 0.00	31.33 1.03 0.00	39.78 2.25 0.00	43.60 2.55 0.00	41.21 2.44 0.00	39.82 2.29 0.00	44.57 2.52 0.00	41.09 2.47 0.00	40.04 2.34 0.00	40.08 2.30 0.00	41.88 2.55 0.00	45.21 2.72 0.00	50.99 3.75 -0.94	66.84 4.10 -13.96	60.89 3.79 -10.84	50.14 3.55 -0.50	46.02 2.93 0.00	41.70 2.76 0.00	37.61 2.53 0.00	36.43 2.29 0.00
HILLSIDE_115KV_TB1 80332	31.23 0.22 0.00	29.99 0.30 0.00	28.78 0.26 0.00	28.58 0.34 0.00	29.36 0.35 0.00	30.69 0.39 0.00	38.91 1.39 0.00	42.04 0.99 0.00	39.81 1.05 0.00	38.51 0.98 0.00	42.85 0.80 0.00	39.04 0.42 0.00	38.15 0.45 0.00	38.26 0.49 0.00	39.80 0.47 0.00	42.92 0.42 0.00	46.81 0.23 -0.27	53.71 0.88 -4.06	49.41 0.00 -3.15	46.01 -0.23 -0.15	43.35 0.26 0.00	39.05 0.12 0.00	35.19 0.11 0.00	34.59 0.44 0.00
HISHELDN_WT_PWR 323625	31.04 0.03 0.00	29.90 0.21 0.00	28.64 0.11 0.00	28.53 0.28 0.00	29.33 0.32 0.00	30.60 0.30 0.00	39.03 1.50 0.00	41.63 0.57 0.00	39.54 0.78 0.00	38.24 0.71 0.00	42.38 0.33 0.00	38.30 -0.31 0.00	37.48 -0.22 0.00	37.62 -0.15 0.00	38.69 -0.63 0.00	42.15 -0.34 0.00	45.68 -0.79 -0.16	51.33 0.29 -2.26	47.05 -0.97 -1.76	44.84 -1.34 -0.09	42.27 -0.82 0.00	37.92 -1.01 0.00	34.31 -0.77 0.00	34.04 -0.10 0.00
HOLTSVILLE_IC_1 23690	35.34 2.82 -1.51	34.76 2.46 -2.60	32.78 2.42 -1.83	30.88 2.32 -0.32	31.80 2.35 -0.44	34.82 2.79 -1.73	43.56 4.58 -1.46	48.04 4.97 -2.02	45.34 4.92 -1.64	43.51 4.65 -1.33	49.43 5.04 -2.34	44.22 4.71 -0.90	43.69 4.41 -1.58	43.48 4.38 -1.33	45.20 4.91 -0.96	49.54 5.35 -1.69	54.83 6.62 -1.90	71.41 7.12 -15.51	65.89 6.66 -12.96	55.80 6.40 -3.31	51.56 5.52 -2.95	45.70 5.18 -1.58	41.15 4.81 -1.26	39.99 4.41 -1.44

HOLTSVILLE_IC_10 23699	35.66 3.01 -1.64	35.15 2.64 -2.82	33.08 2.57 -1.99	31.05 2.46 -0.35	31.99 2.50 -0.48	35.18 3.00 -1.88	43.94 4.84 -1.58	48.54 5.30 -2.19	45.78 5.23 -1.78	43.92 4.95 -1.44	49.97 5.38 -2.53	44.57 4.98 -0.97	44.05 4.64 -1.72	43.86 4.64 -1.44	45.60 5.23 -1.04	50.06 5.73 -1.83	55.32 7.04 -1.98	71.95 7.61 -15.57	66.46 7.12 -13.08	56.49 6.87 -3.53	52.23 5.95 -3.19	46.18 5.53 -1.72	41.53 5.09 -1.36	40.35 4.64 -1.56
HOLTSVILLE_IC_2 23691	35.34 2.82 -1.51	34.76 2.46 -2.60	32.78 2.42 -1.83	30.88 2.32 -0.32	31.80 2.35 -0.44	34.82 2.79 -1.73	43.56 4.58 -1.46	48.04 4.97 -2.02	45.34 4.92 -1.64	43.51 4.65 -1.33	49.43 5.04 -2.34	44.22 4.71 -0.90	43.69 4.41 -1.58	43.48 4.38 -1.33	45.20 4.91 -0.96	49.54 5.35 -1.69	54.83 6.62 -1.90	71.41 7.12 -15.51	65.89 6.66 -12.96	55.80 6.40 -3.31	51.56 5.52 -2.95	45.70 5.18 -1.58	41.15 4.81 -1.26	39.99 4.41 -1.44
HOLTSVILLE_IC_3 23692	35.34 2.82 -1.51	34.76 2.46 -2.60	32.78 2.42 -1.83	30.88 2.32 -0.32	31.80 2.35 -0.44	34.82 2.79 -1.73	43.56 4.58 -1.46	48.04 4.97 -2.02	45.34 4.92 -1.64	43.51 4.65 -1.33	49.43 5.04 -2.34	44.22 4.71 -0.90	43.69 4.41 -1.58	43.48 4.38 -1.33	45.20 4.91 -0.96	49.54 5.35 -1.69	54.83 6.62 -1.90	71.41 7.12 -15.51	65.89 6.66 -12.96	55.80 6.40 -3.31	51.56 5.52 -2.95	45.70 5.18 -1.58	41.15 4.81 -1.26	39.99 4.41 -1.44
HOLTSVILLE_IC_4 23693	35.34 2.82 -1.51	34.76 2.46 -2.60	32.78 2.42 -1.83	30.88 2.32 -0.32	31.80 2.35 -0.44	34.82 2.79 -1.73	43.56 4.58 -1.46	48.04 4.97 -2.02	45.34 4.92 -1.64	43.51 4.65 -1.33	49.43 5.04 -2.34	44.22 4.71 -0.90	43.69 4.41 -1.58	43.48 4.38 -1.33	45.20 4.91 -0.96	49.54 5.35 -1.69	54.83 6.62 -1.90	71.41 7.12 -15.51	65.89 6.66 -12.96	55.80 6.40 -3.31	51.56 5.52 -2.95	45.70 5.18 -1.58	41.15 4.81 -1.26	39.99 4.41 -1.44
HOLTSVILLE_IC_5 23694	35.34 2.82 -1.51	34.76 2.46 -2.60	32.78 2.42 -1.83	30.88 2.32 -0.32	31.80 2.35 -0.44	34.82 2.79 -1.73	43.56 4.58 -1.46	48.04 4.97 -2.02	45.34 4.92 -1.64	43.51 4.65 -1.33	49.43 5.04 -2.34	44.22 4.71 -0.90	43.69 4.41 -1.58	43.48 4.38 -1.33	45.20 4.91 -0.96	49.54 5.35 -1.69	54.83 6.62 -1.90	71.41 7.12 -15.51	65.89 6.66 -12.96	55.80 6.40 -3.31	51.56 5.52 -2.95	45.70 5.18 -1.58	41.15 4.81 -1.26	39.99 4.41 -1.44
HOLTSVILLE_IC_6 23695	35.66 3.01 -1.64	35.15 2.64 -2.82	33.08 2.57 -1.99	31.05 2.46 -0.35	31.99 2.50 -0.48	35.18 3.00 -1.88	43.94 4.84 -1.58	48.54 5.30 -2.19	45.78 5.23 -1.78	43.92 4.95 -1.44	49.97 5.38 -2.53	44.57 4.98 -0.97	44.05 4.64 -1.72	43.86 4.64 -1.44	45.60 5.23 -1.04	50.06 5.73 -1.83	55.32 7.04 -1.98	71.95 7.61 -15.57	66.46 7.12 -13.08	56.49 6.87 -3.53	52.23 5.95 -3.19	46.18 5.53 -1.72	41.53 5.09 -1.36	40.35 4.64 -1.56
HOLTSVILLE_IC_7 23696	35.66 3.01 -1.64	35.15 2.64 -2.82	33.08 2.57 -1.99	31.05 2.46 -0.35	31.99 2.50 -0.48	35.18 3.00 -1.88	43.94 4.84 -1.58	48.54 5.30 -2.19	45.78 5.23 -1.78	43.92 4.95 -1.44	49.97 5.38 -2.53	44.57 4.98 -0.97	44.05 4.64 -1.72	43.86 4.64 -1.44	45.60 5.23 -1.04	50.06 5.73 -1.83	55.32 7.04 -1.98	71.95 7.61 -15.57	66.46 7.12 -13.08	56.49 6.87 -3.53	52.23 5.95 -3.19	46.18 5.53 -1.72	41.53 5.09 -1.36	40.35 4.64 -1.56
HOLTSVILLE_IC_8 23697	35.66 3.01 -1.64	35.15 2.64 -2.82	33.08 2.57 -1.99	31.05 2.46 -0.35	31.99 2.50 -0.48	35.18 3.00 -1.88	43.94 4.84 -1.58	48.54 5.30 -2.19	45.78 5.23 -1.78	43.92 4.95 -1.44	49.97 5.38 -2.53	44.57 4.98 -0.97	44.05 4.64 -1.72	43.86 4.64 -1.44	45.60 5.23 -1.04	50.06 5.73 -1.83	55.32 7.04 -1.98	71.95 7.61 -15.57	66.46 7.12 -13.08	56.49 6.87 -3.53	52.23 5.95 -3.19	46.18 5.53 -1.72	41.53 5.09 -1.36	40.35 4.64 -1.56
HOLTSVILLE_IC_9 23698	35.66 3.01 -1.64	35.15 2.64 -2.82	33.08 2.57 -1.99	31.05 2.46 -0.35	31.99 2.50 -0.48	35.18 3.00 -1.88	43.94 4.84 -1.58	48.54 5.30 -2.19	45.78 5.23 -1.78	43.92 4.95 -1.44	49.97 5.38 -2.53	44.57 4.98 -0.97	44.05 4.64 -1.72	43.86 4.64 -1.44	45.60 5.23 -1.04	50.06 5.73 -1.83	55.32 7.04 -1.98	71.95 7.61 -15.57	66.46 7.12 -13.08	56.49 6.87 -3.53	52.23 5.95 -3.19	46.18 5.53 -1.72	41.53 5.09 -1.36	40.35 4.64 -1.56
HOMER_HL_115KV_TB2 355744	32.44 1.43 0.00	31.21 1.51 0.00	29.90 1.37 0.00	29.71 1.47 0.00	30.55 1.54 0.00	31.84 1.55 0.00	40.86 3.34 0.00	43.56 2.50 0.00	41.25 2.48 0.00	39.82 2.29 0.00	44.19 2.14 0.00	39.93 1.31 0.00	39.09 1.39 0.00	39.17 1.40 0.00	40.70 1.38 0.00	43.85 1.36 0.00	45.63 -0.83 -0.16	51.19 0.15 -2.27	46.82 -1.20 -1.77	44.61 -1.57 -0.09	44.08 0.99 0.00	39.64 0.70 0.00	35.75 0.67 0.00	35.48 1.33 0.00
HOWARD_WT_PWR 323690	31.73 0.71 0.00	30.56 0.86 0.00	29.41 0.89 0.00	29.26 1.02 0.00	30.09 1.07 0.00	31.57 1.27 0.00	40.37 2.85 0.00	43.48 2.42 0.00	41.33 2.56 0.00	40.01 2.48 0.00	44.36 2.31 0.00	40.24 1.62 0.00	39.32 1.62 0.00	39.51 1.74 0.00	40.82 1.49 0.00	44.36 1.87 0.00	48.32 1.80 -0.21	54.77 2.93 -3.07	50.31 1.66 -2.39	47.45 1.24 -0.11	44.68 1.60 0.00	40.07 1.13 0.00	36.13 1.05 0.00	35.61 1.47 0.00
HQ_GEN_CEDARS 23644	31.45 0.43 0.00	30.38 0.68 0.00	29.21 0.68 0.00	28.87 0.62 0.00	29.71 0.70 0.00	30.66 0.36 0.00	37.26 -0.26 0.00	40.89 -0.16 0.00	38.53 -0.23 0.00	37.31 -0.23 0.00	41.92 -0.13 0.00	38.61 0.00 0.00	37.74 0.04 0.00	37.81 0.04 0.00	39.36 0.04 0.00	42.28 -0.21 0.00	45.43 -0.88 0.00	46.87 -1.90 0.00	45.43 -0.83 0.00	45.40 -0.69 0.00	42.79 -0.30 0.00	38.82 -0.12 0.00	34.94 -0.14 0.00	34.08 -0.07 0.00
HQ_GEN_CEDARS_PROXY 323590	31.45 0.43 0.00	30.38 0.68 0.00	29.21 0.68 0.00	28.86 0.62 0.00	29.71 0.70 0.00	33.42 0.33 -2.79	34.47 -0.26 2.79	40.89 -0.16 0.00	38.57 -0.19 0.00	37.31 -0.22 0.00	41.92 -0.13 0.00	38.61 0.00 0.00	37.74 0.04 0.00	37.85 0.08 0.00	39.40 0.08 0.00	42.28 -0.21 0.00	45.48 -0.83 0.00	46.92 -1.85 0.00	45.43 -0.83 0.00	45.40 -0.69 0.00	42.79 -0.30 0.00	38.86 -0.08 0.00	34.94 -0.14 0.00	34.08 -0.07 0.00
HQ_GEN_IMPORT 323601	31.14 0.12 0.00	29.84 0.15 0.00	28.67 0.14 0.00	28.39 0.14 0.00	29.19 0.18 0.00	33.71 0.06 -3.35	33.80 -0.38 3.35	40.68 -0.37 0.00	38.42 -0.35 0.00	37.19 -0.34 0.00	41.63 -0.42 0.00	38.30 -0.31 0.00	37.44 -0.26 0.00	37.51 -0.26 0.00	39.01 -0.32 0.00	42.11 -0.42 -0.05	45.38 -0.88 0.05	47.50 -1.27 0.00	45.38 -0.88 0.00	45.35 -0.74 0.00	42.66 -0.43 0.00	38.58 -0.35 0.00	34.73 -0.35 0.00	33.84 -0.31 0.00
HQ_GEN_WHEEL 23651	31.14 0.12 0.00	29.84 0.15 0.00	28.67 0.14 0.00	28.39 0.14 0.00	29.19 0.18 0.00	33.71 0.06 -3.35	33.80 -0.38 3.35	40.68 -0.37 0.00	38.42 -0.35 0.00	37.19 -0.34 0.00	41.63 -0.42 0.00	38.30 -0.31 0.00	37.44 -0.26 0.00	37.51 -0.26 0.00	39.01 -0.32 0.00	42.11 -0.42 -0.05	45.38 -0.88 0.05	47.50 -1.27 0.00	45.38 -0.88 0.00	45.35 -0.74 0.00	42.66 -0.43 0.00	38.58 -0.35 0.00	34.73 -0.35 0.00	33.84 -0.31 0.00

HUDSON AVE_GT_3 23810	32.25 1.24 0.00	30.73 1.04 0.00	29.53 1.00 0.00	29.18 0.93 0.00	29.91 0.90 0.00	31.54 1.24 0.00	40.23 2.70 0.00	44.13 3.08 0.00	41.79 3.02 0.00	40.53 3.00 0.00	45.33 3.28 0.00	41.82 3.20 0.00	40.75 3.05 0.00	40.79 3.02 0.00	42.55 3.22 0.00	46.06 3.57 0.00	52.09 4.77 -1.01	68.98 5.07 -15.14	62.82 4.81 -11.75	51.15 4.52 -0.54	46.75 3.66 0.00	42.40 3.47 0.00	38.21 3.12 0.00	37.02 2.87 0.00
HUDSON AVE_GT_4 23540	32.25 1.24 0.00	30.73 1.04 0.00	29.53 1.00 0.00	29.18 0.93 0.00	29.91 0.90 0.00	31.54 1.24 0.00	40.23 2.70 0.00	44.13 3.08 0.00	41.79 3.02 0.00	40.53 3.00 0.00	45.33 3.28 0.00	41.82 3.20 0.00	40.75 3.05 0.00	40.79 3.02 0.00	42.55 3.22 0.00	46.06 3.57 0.00	52.09 4.77 -1.01	68.98 5.07 -15.14	62.82 4.81 -11.75	51.15 4.52 -0.54	46.75 3.66 0.00	42.40 3.47 0.00	38.21 3.12 0.00	37.02 2.87 0.00
HUDSON AVE_GT_5 23657	32.25 1.24 0.00	30.73 1.04 0.00	29.53 1.00 0.00	29.18 0.93 0.00	29.91 0.90 0.00	31.54 1.24 0.00	40.23 2.70 0.00	44.13 3.08 0.00	41.79 3.02 0.00	40.53 3.00 0.00	45.33 3.28 0.00	41.82 3.20 0.00	40.75 3.05 0.00	40.79 3.02 0.00	42.55 3.22 0.00	46.06 3.57 0.00	52.09 4.77 -1.01	68.98 5.07 -15.14	62.82 4.81 -11.75	51.15 4.52 -0.54	46.75 3.66 0.00	42.40 3.47 0.00	38.21 3.12 0.00	37.02 2.87 0.00
HUDSON_AVE_10 24168	32.16 1.15 0.00	30.62 0.92 0.00	29.44 0.91 0.00	29.06 0.82 0.00	29.83 0.81 0.00	31.42 1.12 0.00	40.15 2.63 0.00	44.01 2.96 0.00	41.71 2.95 0.00	40.46 2.93 0.00	45.24 3.20 0.00	41.70 3.09 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.47 3.15 0.00	45.97 3.48 0.00	52.00 4.68 -1.01	68.88 4.97 -15.14	62.73 4.72 -11.75	51.10 4.47 -0.54	46.67 3.58 0.00	42.28 3.35 0.00	38.10 3.02 0.00	36.91 2.77 0.00
HUDSON___115KV_TB 4 355613	32.04 1.02 0.00	30.62 0.92 0.00	29.38 0.86 0.00	29.15 0.90 0.00	29.94 0.93 0.00	31.45 1.15 0.00	38.72 1.20 0.00	42.24 1.19 0.00	39.70 0.93 0.00	38.39 0.86 0.00	43.23 1.18 0.00	39.89 1.27 0.00	38.91 1.21 0.00	38.98 1.21 0.00	40.58 1.26 0.00	44.02 1.53 0.00	49.62 2.04 -1.28	70.21 2.39 -19.05	63.22 2.17 -14.79	48.90 2.12 -0.69	45.07 1.98 0.00	40.69 1.75 0.00	36.91 1.82 0.00	35.79 1.64 0.00
HUNTER MOUNT___DRP 323613	32.19 1.18 0.00	30.79 1.10 0.00	29.53 1.00 0.00	29.32 1.07 0.00	30.12 1.10 0.00	31.63 1.33 0.00	38.95 1.43 0.00	42.37 1.31 0.00	39.74 0.97 0.00	38.39 0.86 0.00	43.23 1.18 0.00	39.89 1.27 0.00	38.91 1.21 0.00	38.98 1.21 0.00	40.62 1.30 0.00	44.10 1.61 0.00	49.68 2.13 -1.24	69.82 2.58 -18.46	62.95 2.36 -14.33	49.06 2.30 -0.66	45.24 2.15 0.00	40.88 1.95 0.00	37.01 1.93 0.00	35.92 1.78 0.00
HUNTINGTON_RES_REC 323705	35.22 2.57 -1.64	34.74 2.23 -2.82	32.71 2.20 -1.99	30.69 2.09 -0.35	31.61 2.12 -0.48	34.72 2.55 -1.88	43.35 4.24 -1.59	47.90 4.64 -2.21	45.18 4.61 -1.80	43.33 4.35 -1.45	49.42 4.83 -2.54	44.10 4.52 -0.97	43.64 4.22 -1.72	43.44 4.23 -1.44	45.04 4.68 -1.04	49.39 5.05 -1.85	54.56 6.30 -1.96	71.15 6.83 -15.55	65.71 6.39 -13.07	55.75 6.13 -3.53	51.56 5.26 -3.21	45.57 4.91 -1.73	41.01 4.56 -1.37	39.87 4.16 -1.56
HUNTLEY___63 23557	30.86 -0.16 0.00	29.72 0.03 0.00	28.47 -0.06 0.00	28.27 0.03 0.00	29.07 0.06 0.00	30.24 -0.06 0.00	38.61 1.09 0.00	40.97 -0.08 0.00	38.88 0.12 0.00	37.61 0.08 0.00	41.75 -0.29 0.00	37.57 -1.04 0.00	36.76 -0.94 0.00	36.86 -0.91 0.00	38.30 -1.02 0.00	41.34 -1.15 0.00	45.19 -1.25 -0.13	50.29 -0.29 -1.81	46.05 -1.62 -1.41	44.18 -1.98 -0.07	41.41 -1.68 0.00	37.14 -1.79 0.00	33.61 -1.47 0.00	33.57 -0.58 0.00
HUNTLEY___64 23558	30.86 -0.16 0.00	29.72 0.03 0.00	28.47 -0.06 0.00	28.27 0.03 0.00	29.07 0.06 0.00	30.24 -0.06 0.00	38.61 1.09 0.00	40.97 -0.08 0.00	38.88 0.12 0.00	37.61 0.08 0.00	41.75 -0.29 0.00	37.57 -1.04 0.00	36.76 -0.94 0.00	36.86 -0.91 0.00	38.30 -1.02 0.00	41.34 -1.15 0.00	45.19 -1.25 -0.13	50.29 -0.29 -1.81	46.05 -1.62 -1.41	44.18 -1.98 -0.07	41.41 -1.68 0.00	37.14 -1.79 0.00	33.61 -1.47 0.00	33.57 -0.58 0.00
HUNTLEY___65 23559	30.86 -0.16 0.00	29.72 0.03 0.00	28.47 -0.06 0.00	28.27 0.03 0.00	29.07 0.06 0.00	30.24 -0.06 0.00	38.61 1.09 0.00	40.97 -0.08 0.00	38.88 0.12 0.00	37.61 0.08 0.00	41.75 -0.29 0.00	37.57 -1.04 0.00	36.76 -0.94 0.00	36.86 -0.91 0.00	38.30 -1.02 0.00	41.34 -1.15 0.00	45.19 -1.25 -0.13	50.29 -0.29 -1.81	46.05 -1.62 -1.41	44.18 -1.98 -0.07	41.41 -1.68 0.00	37.14 -1.79 0.00	33.61 -1.47 0.00	33.57 -0.58 0.00
HUNTLEY___66 23560	30.86 -0.16 0.00	29.72 0.03 0.00	28.47 -0.06 0.00	28.27 0.03 0.00	29.07 0.06 0.00	30.24 -0.06 0.00	38.61 1.09 0.00	40.97 -0.08 0.00	38.88 0.12 0.00	37.61 0.08 0.00	41.75 -0.29 0.00	37.57 -1.04 0.00	36.76 -0.94 0.00	36.86 -0.91 0.00	38.30 -1.02 0.00	41.34 -1.15 0.00	45.19 -1.25 -0.13	50.29 -0.29 -1.81	46.05 -1.62 -1.41	44.18 -1.98 -0.07	41.41 -1.68 0.00	37.14 -1.79 0.00	33.61 -1.47 0.00	33.57 -0.58 0.00
HUNTLEY___67 23561	30.70 -0.31 0.00	29.58 -0.12 0.00	28.30 -0.23 0.00	28.16 -0.08 0.00	28.95 -0.06 0.00	30.12 -0.18 0.00	38.42 0.90 0.00	40.81 -0.25 0.00	38.73 -0.04 0.00	37.46 -0.08 0.00	41.59 -0.46 0.00	37.46 -1.16 0.00	36.64 -1.06 0.00	36.75 -1.02 0.00	38.18 -1.14 0.00	41.17 -1.32 0.00	44.91 -1.53 -0.13	50.00 -0.59 -1.81	45.82 -1.85 -1.41	43.90 -2.26 -0.07	41.28 -1.81 0.00	37.07 -1.87 0.00	33.54 -1.54 0.00	33.46 -0.68 0.00
HUNTLEY___68 23562	30.70 -0.31 0.00	29.58 -0.12 0.00	28.30 -0.23 0.00	28.16 -0.08 0.00	28.95 -0.06 0.00	30.12 -0.18 0.00	38.42 0.90 0.00	40.81 -0.25 0.00	38.73 -0.04 0.00	37.46 -0.08 0.00	41.59 -0.46 0.00	37.46 -1.16 0.00	36.64 -1.06 0.00	36.75 -1.02 0.00	38.18 -1.14 0.00	41.17 -1.32 0.00	44.91 -1.53 -0.13	50.00 -0.59 -1.81	45.82 -1.85 -1.41	43.90 -2.26 -0.07	41.28 -1.81 0.00	37.07 -1.87 0.00	33.54 -1.54 0.00	33.46 -0.68 0.00
HYLAND___LFGE 323620	32.37 1.36 0.00	31.06 1.37 0.00	29.70 1.17 0.00	29.46 1.21 0.00	30.35 1.34 0.00	31.81 1.51 0.00	40.97 3.45 0.00	44.30 3.24 0.00	41.98 3.22 0.00	40.50 2.96 0.00	44.87 2.82 0.00	40.51 1.89 0.00	39.55 1.85 0.00	39.73 1.96 0.00	41.13 1.81 0.00	44.74 2.25 0.00	49.53 3.06 -0.17	55.64 4.34 -2.53	51.19 2.96 -1.96	48.67 2.49 -0.09	45.16 2.07 0.00	40.41 1.48 0.00	36.38 1.30 0.00	35.75 1.61 0.00
INDECK___CORINTH 23802	31.91 0.90 0.00	30.50 0.80 0.00	29.30 0.77 0.00	29.03 0.79 0.00	29.85 0.84 0.00	31.45 1.15 0.00	39.36 1.84 0.00	43.27 2.22 0.00	40.71 1.94 0.00	39.30 1.76 0.00	44.15 2.10 0.00	40.27 1.66 0.00	39.25 1.55 0.00	39.21 1.43 0.00	40.78 1.46 0.00	44.06 1.57 0.00	50.03 2.36 -1.36	71.85 2.78 -20.30	64.38 2.36 -15.76	49.03 2.21 -0.73	44.98 1.89 0.00	41.00 2.06 0.00	36.77 1.68 0.00	35.85 1.71 0.00

INDECK___ILION 23567	31.17 0.16 0.00	29.81 0.12 0.00	28.64 0.11 0.00	28.39 0.14 0.00	29.16 0.15 0.00	30.51 0.21 0.00	37.97 0.45 0.00	41.59 0.53 0.00	39.27 0.50 0.00	37.98 0.45 0.00	42.59 0.55 0.00	39.12 0.50 0.00	38.19 0.49 0.00	38.26 0.49 0.00	39.87 0.55 0.00	43.09 0.59 0.00	47.14 0.83 0.00	49.80 1.02 0.00	47.09 0.83 0.00	46.83 0.74 0.00	43.74 0.65 0.00	39.48 0.55 0.00	35.57 0.49 0.00	34.62 0.48 0.00
INDECK___OLEAN 23982	32.44 1.43 0.00	31.21 1.51 0.00	29.90 1.37 0.00	29.71 1.47 0.00	30.55 1.54 0.00	31.87 1.57 0.00	40.83 3.30 0.00	43.56 2.50 0.00	41.29 2.52 0.00	39.90 2.37 0.00	44.23 2.19 0.00	39.96 1.35 0.00	39.10 1.40 0.00	39.24 1.47 0.00	40.39 1.06 0.00	43.89 1.40 0.00	45.54 -0.93 -0.16	51.18 0.15 -2.26	46.77 -1.25 -1.76	44.61 -1.57 -0.09	44.12 1.03 0.00	39.64 0.70 0.00	35.78 0.70 0.00	35.41 1.26 0.00
INDECK___OSWEGO 23783	30.21 -0.81 0.00	28.95 -0.74 0.00	27.79 -0.74 0.00	27.54 -0.71 0.00	28.29 -0.72 0.00	29.51 -0.79 0.00	36.81 -0.71 0.00	39.90 -1.15 0.00	37.68 -1.09 0.00	36.52 -1.01 0.00	40.79 -1.26 0.00	37.46 -1.16 0.00	36.53 -1.17 0.00	36.60 -1.17 0.00	38.10 -1.22 0.00	41.22 -1.27 0.00	45.28 -1.11 -0.09	49.13 -0.93 -1.28	46.14 -1.11 -0.99	44.89 -1.24 -0.05	41.75 -1.34 0.00	37.69 -1.25 0.00	34.28 -0.81 0.00	33.36 -0.78 0.00
INDECK___YERKES 23781	30.89 -0.12 0.00	29.75 0.06 0.00	28.50 -0.03 0.00	28.30 0.06 0.00	29.10 0.09 0.00	30.30 0.00 0.00	38.65 1.12 0.00	41.01 -0.04 0.00	38.96 0.19 0.00	37.72 0.19 0.00	41.80 -0.25 0.00	37.61 -1.00 0.00	36.79 -0.91 0.00	36.94 -0.83 0.00	37.91 -1.41 0.00	41.39 -1.10 0.00	45.14 -1.30 -0.13	50.38 -0.19 -1.80	46.09 -1.57 -1.40	44.23 -1.93 -0.07	41.45 -1.64 0.00	37.11 -1.83 0.00	33.64 -1.44 0.00	33.50 -0.65 0.00
INDIAN POINT_GT_1 24139	32.25 1.24 0.00	30.73 1.04 0.00	29.53 1.00 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.51 1.21 0.00	40.11 2.59 0.00	43.97 2.91 0.00	41.64 2.87 0.00	40.31 2.78 0.00	45.12 3.07 0.00	41.55 2.93 0.00	40.49 2.79 0.00	40.53 2.76 0.00	42.27 2.95 0.00	45.80 3.31 0.00	51.77 4.45 -1.01	68.66 4.78 -15.10	62.47 4.49 -11.72	50.87 4.24 -0.54	46.58 3.49 0.00	42.17 3.23 0.00	38.00 2.91 0.00	36.81 2.66 0.00
INDIAN POINT_GT_2 23659	32.25 1.24 0.00	30.73 1.04 0.00	29.53 1.00 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.51 1.21 0.00	40.11 2.59 0.00	43.97 2.91 0.00	41.64 2.87 0.00	40.31 2.78 0.00	45.12 3.07 0.00	41.55 2.93 0.00	40.49 2.79 0.00	40.53 2.76 0.00	42.27 2.95 0.00	45.80 3.31 0.00	51.77 4.45 -1.01	68.66 4.78 -15.10	62.47 4.49 -11.72	50.87 4.24 -0.54	46.58 3.49 0.00	42.17 3.23 0.00	38.00 2.91 0.00	36.81 2.66 0.00
INDIAN POINT_GT_3 24019	32.25 1.24 0.00	30.73 1.04 0.00	29.53 1.00 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.51 1.21 0.00	40.11 2.59 0.00	43.97 2.91 0.00	41.64 2.87 0.00	40.31 2.78 0.00	45.12 3.07 0.00	41.55 2.93 0.00	40.49 2.79 0.00	40.53 2.76 0.00	42.27 2.95 0.00	45.80 3.31 0.00	51.77 4.45 -1.01	68.66 4.78 -15.10	62.47 4.49 -11.72	50.87 4.24 -0.54	46.58 3.49 0.00	42.17 3.23 0.00	38.00 2.91 0.00	36.81 2.66 0.00
INDIAN POINT___2 23530	32.28 1.27 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.23 0.99 0.00	29.97 0.96 0.00	31.54 1.24 0.00	40.15 2.63 0.00	44.09 3.04 0.00	41.71 2.94 0.00	40.38 2.85 0.00	45.24 3.19 0.00	41.63 3.01 0.00	40.56 2.86 0.00	40.61 2.83 0.00	42.47 3.15 0.00	45.85 3.36 0.00	51.79 4.49 -1.00	68.47 4.83 -14.87	62.34 4.54 -11.54	50.91 4.29 -0.54	46.66 3.57 0.00	42.28 3.35 0.00	38.10 3.02 0.00	36.91 2.76 0.00
INDIAN POINT___3 23531	32.13 1.12 0.00	30.62 0.92 0.00	29.41 0.88 0.00	29.09 0.85 0.00	29.85 0.84 0.00	31.39 1.09 0.00	39.93 2.40 0.00	43.72 2.67 0.00	41.36 2.60 0.00	40.05 2.51 0.00	44.78 2.73 0.00	41.28 2.66 0.00	40.23 2.53 0.00	40.26 2.49 0.00	42.00 2.67 0.00	45.46 2.97 0.00	51.33 4.03 -1.00	68.05 4.39 -14.89	61.89 4.07 -11.56	50.45 3.83 -0.54	46.23 3.15 0.00	41.86 2.92 0.00	37.75 2.67 0.00	36.61 2.46 0.00
INGHAM_C_115KV_TB7 356103	31.14 0.12 0.00	29.81 0.12 0.00	28.64 0.11 0.00	28.36 0.11 0.00	29.16 0.15 0.00	30.57 0.27 0.00	38.01 0.49 0.00	41.71 0.66 0.00	39.39 0.62 0.00	38.09 0.56 0.00	42.72 0.67 0.00	39.27 0.66 0.00	38.38 0.68 0.00	38.45 0.68 0.00	40.03 0.71 0.00	43.30 0.81 0.00	47.33 1.02 0.00	49.99 1.22 0.00	47.23 0.97 0.00	47.01 0.92 0.00	43.91 0.82 0.00	39.68 0.74 0.00	35.78 0.70 0.00	34.83 0.68 0.00
IP CORINTH___1 23988	32.07 1.05 0.00	30.67 0.98 0.00	29.44 0.91 0.00	29.20 0.96 0.00	30.03 1.02 0.00	31.60 1.30 0.00	39.63 2.10 0.00	43.52 2.46 0.00	40.94 2.17 0.00	39.52 1.99 0.00	44.40 2.35 0.00	40.47 1.85 0.00	39.43 1.73 0.00	39.40 1.62 0.00	40.94 1.61 0.00	44.32 1.83 0.00	50.30 2.64 -1.36	72.11 3.07 -20.26	64.63 2.64 -15.73	49.31 2.49 -0.73	45.20 2.11 0.00	41.19 2.26 0.00	36.98 1.89 0.00	36.06 1.91 0.00
IP___TICONDEROGA 23804	32.84 1.83 0.00	31.39 1.69 0.00	30.12 1.60 0.00	29.94 1.69 0.00	30.78 1.77 0.00	32.51 2.21 0.00	41.01 3.49 0.00	45.20 4.15 0.00	42.41 3.64 0.00	40.83 3.30 0.00	45.83 3.78 0.00	41.86 3.24 0.00	40.68 2.98 0.00	40.72 2.95 0.00	42.39 3.07 0.00	46.02 3.53 0.00	52.43 4.77 -1.36	74.42 5.41 -20.24	66.69 4.72 -15.71	51.24 4.42 -0.73	47.05 3.96 0.00	42.52 3.58 0.00	38.07 2.98 0.00	37.05 2.90 0.00
ISLIP_RES_REC 323679	35.90 3.16 -1.73	35.42 2.76 -2.97	33.33 2.71 -2.09	31.19 2.57 -0.37	32.13 2.61 -0.51	35.40 3.12 -1.98	44.25 5.06 -1.66	48.94 5.58 -2.30	46.11 5.47 -1.88	44.23 5.18 -1.51	50.31 5.59 -2.67	44.85 5.21 -1.02	44.38 4.87 -1.81	44.13 4.84 -1.52	45.88 5.46 -1.10	50.41 5.99 -1.93	55.70 7.36 -2.03	72.33 7.95 -15.60	66.86 7.45 -13.15	56.91 7.14 -3.68	52.68 6.25 -3.35	46.50 5.76 -1.81	41.78 5.26 -1.43	40.57 4.78 -1.64
JAMAICA__27_KV_LOAD 355505	32.16 1.15 0.00	30.62 0.92 0.00	29.44 0.91 0.00	29.06 0.82 0.00	29.83 0.81 0.00	31.48 1.18 0.00	40.30 2.78 0.00	44.21 3.16 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.45 3.41 0.00	41.90 3.28 0.00	40.83 3.13 0.00	40.87 3.10 0.00	42.67 3.34 0.00	46.19 3.70 0.00	52.28 4.95 -1.01	69.23 5.32 -15.14	63.10 5.09 -11.75	51.43 4.79 -0.54	46.92 3.83 0.00	42.48 3.54 0.00	38.24 3.16 0.00	37.02 2.87 0.00
JANIS___SOLAR 323808	32.69 1.67 0.00	31.33 1.63 0.00	30.12 1.60 0.00	29.80 1.55 0.00	30.67 1.65 0.00	32.18 1.88 0.00	40.75 3.23 0.00	44.62 3.57 0.00	42.06 3.29 0.00	40.50 2.96 0.00	45.12 3.07 0.00	41.20 2.59 0.00	40.34 2.64 0.00	40.45 2.68 0.00	42.19 2.87 0.00	45.85 3.36 0.00	50.80 4.21 -0.28	58.15 5.27 -4.11	53.85 4.40 -3.19	50.25 4.01 -0.15	46.71 3.62 0.00	41.86 2.92 0.00	37.54 2.45 0.00	36.61 2.46 0.00

JARVIS____ 23743	31.04 0.03 0.00	29.69 0.00 0.00	28.53 0.00 0.00	28.24 0.00 0.00	29.01 0.00 0.00	30.36 0.06 0.00	37.75 0.23 0.00	41.30 0.25 0.00	39.00 0.23 0.00	37.72 0.19 0.00	42.30 0.25 0.00	38.85 0.23 0.00	37.93 0.23 0.00	38.00 0.23 0.00	39.52 0.20 0.00	42.75 0.26 0.00	46.72 0.42 0.00	49.31 0.54 0.00	46.68 0.42 0.00	46.46 0.37 0.00	43.35 0.26 0.00	39.17 0.24 0.00	35.29 0.21 0.00	34.35 0.21 0.00
JENNISON____1 23625	33.00 1.98 0.00	31.59 1.90 0.00	30.38 1.85 0.00	30.05 1.81 0.00	30.93 1.91 0.00	32.45 2.15 0.00	41.09 3.56 0.00	45.08 4.02 0.00	42.49 3.72 0.00	40.95 3.42 0.00	45.75 3.70 0.00	41.82 3.20 0.00	40.87 3.17 0.00	40.98 3.21 0.00	42.78 3.46 0.00	46.31 3.82 0.00	51.38 4.72 -0.35	59.76 5.71 -5.28	55.12 4.76 -4.10	50.70 4.42 -0.19	47.14 4.05 0.00	42.28 3.35 0.00	37.92 2.84 0.00	36.98 2.83 0.00
JENNISON____2 23626	33.00 1.98 0.00	31.59 1.90 0.00	30.38 1.85 0.00	30.05 1.81 0.00	30.93 1.91 0.00	32.45 2.15 0.00	41.09 3.56 0.00	45.08 4.02 0.00	42.49 3.72 0.00	40.95 3.42 0.00	45.75 3.70 0.00	41.82 3.20 0.00	40.87 3.17 0.00	40.98 3.21 0.00	42.78 3.46 0.00	46.31 3.82 0.00	51.38 4.72 -0.35	59.76 5.71 -5.28	55.12 4.76 -4.10	50.70 4.42 -0.19	47.14 4.05 0.00	42.28 3.35 0.00	37.92 2.84 0.00	36.98 2.83 0.00
JERICHO_RISE_WT_PWR 323719	32.10 1.08 0.00	30.82 1.13 0.00	29.64 1.11 0.00	29.29 1.05 0.00	30.20 1.19 0.00	31.42 1.12 0.00	37.94 0.41 0.00	41.63 0.57 0.00	39.12 0.35 0.00	37.91 0.38 0.00	42.47 0.42 0.00	39.11 0.50 0.00	38.15 0.45 0.00	38.23 0.45 0.00	39.68 0.35 0.00	42.66 0.17 0.00	45.66 -0.65 0.00	47.65 -1.12 0.00	45.61 -0.65 0.00	45.58 -0.51 0.00	43.26 0.17 0.00	39.25 0.31 0.00	35.15 0.07 0.00	34.59 0.44 0.00
KATONAH____115KV_46KV_TB4 355592	32.41 1.40 0.00	30.91 1.22 0.00	29.67 1.14 0.00	29.37 1.13 0.00	30.06 1.04 0.00	31.69 1.39 0.00	40.26 2.74 0.00	44.21 3.16 0.00	41.87 3.10 0.00	40.57 3.04 0.00	45.41 3.36 0.00	41.74 3.13 0.00	40.68 2.98 0.00	40.72 2.95 0.00	42.51 3.19 0.00	46.06 3.57 0.00	52.05 4.72 -1.02	69.23 5.17 -15.28	63.03 4.90 -11.86	51.20 4.56 -0.55	46.97 3.88 0.00	42.40 3.47 0.00	38.17 3.09 0.00	36.95 2.80 0.00
KCE_NY_1 323755	32.44 1.43 0.00	31.00 1.31 0.00	29.78 1.25 0.00	29.52 1.27 0.00	30.32 1.31 0.00	31.87 1.57 0.00	39.85 2.33 0.00	43.72 2.67 0.00	41.17 2.40 0.00	39.78 2.25 0.00	44.74 2.69 0.00	41.01 2.39 0.00	40.00 2.30 0.00	40.04 2.27 0.00	41.72 2.40 0.00	45.17 2.68 0.00	51.09 3.43 -1.36	72.82 3.81 -20.24	65.35 3.38 -15.71	50.09 3.27 -0.73	46.02 2.93 0.00	41.62 2.68 0.00	37.43 2.35 0.00	36.40 2.25 0.00
KCE_NY_6_ESR 323823	31.32 0.31 0.00	30.14 0.45 0.00	28.87 0.34 0.00	28.72 0.48 0.00	29.54 0.52 0.00	30.75 0.46 0.00	39.29 1.76 0.00	41.75 0.70 0.00	39.66 0.89 0.00	38.39 0.86 0.00	42.55 0.51 0.00	38.35 -0.27 0.00	37.51 -0.19 0.00	37.66 -0.11 0.00	38.69 -0.63 0.00	42.15 -0.34 0.00	45.43 -1.02 -0.14	50.87 0.15 -1.95	46.58 -1.20 -1.52	44.55 -1.61 -0.08	42.27 -0.82 0.00	37.89 -1.05 0.00	34.31 -0.77 0.00	34.11 -0.03 0.00
KEDC_PORT_JEFF_GT2 24210	35.58 2.98 -1.59	35.05 2.61 -2.74	33.00 2.54 -1.93	31.02 2.43 -0.34	31.95 2.46 -0.47	35.06 2.94 -1.83	43.86 4.80 -1.54	48.44 5.26 -2.13	45.70 5.20 -1.73	43.81 4.88 -1.40	49.85 5.34 -2.46	44.50 4.94 -0.95	43.97 4.60 -1.67	43.78 4.61 -1.40	45.53 5.19 -1.01	49.93 5.65 -1.78	55.25 6.99 -1.95	71.89 7.56 -15.55	66.38 7.08 -13.04	56.32 6.78 -3.45	52.10 5.90 -3.11	46.10 5.49 -1.67	41.42 5.02 -1.32	40.24 4.58 -1.52
KEDC_PORT_JEFF_GT3 24211	35.58 2.98 -1.59	35.05 2.61 -2.74	33.00 2.54 -1.93	31.02 2.43 -0.34	31.95 2.46 -0.47	35.06 2.94 -1.83	43.86 4.80 -1.54	48.44 5.26 -2.13	45.70 5.20 -1.73	43.81 4.88 -1.40	49.85 5.34 -2.46	44.50 4.94 -0.95	43.97 4.60 -1.67	43.78 4.61 -1.40	45.53 5.19 -1.01	49.93 5.65 -1.78	55.25 6.99 -1.95	71.89 7.56 -15.55	66.38 7.08 -13.04	56.32 6.78 -3.45	52.10 5.90 -3.11	46.10 5.49 -1.67	41.42 5.02 -1.32	40.24 4.58 -1.52
KEDC_GLWD_GT4 24219	40.03 1.89 -7.13	43.56 1.63 -12.24	38.76 1.60 -8.64	31.32 1.52 -1.55	32.66 1.54 -2.11	40.35 1.88 -8.17	48.92 3.38 -8.01	55.87 3.77 -11.04	51.42 3.61 -9.05	48.44 3.60 -7.31	57.01 3.95 -11.01	46.56 3.71 -4.24	48.72 3.54 -7.47	47.56 3.51 -6.28	47.68 3.81 -4.54	55.84 4.04 -9.31	57.37 5.14 -5.92	72.52 5.51 -18.24	70.56 5.18 -19.12	66.51 4.93 -15.49	63.21 4.14 -15.98	51.58 3.93 -8.72	45.61 3.61 -6.91	44.39 3.45 -6.79
KEDC_GLWD_GT5 24220	40.03 1.89 -7.13	43.56 1.63 -12.24	38.76 1.60 -8.64	31.32 1.52 -1.55	32.66 1.54 -2.11	40.35 1.88 -8.17	48.92 3.38 -8.01	55.87 3.77 -11.04	51.42 3.61 -9.05	48.44 3.60 -7.31	57.01 3.95 -11.01	46.56 3.71 -4.24	48.72 3.54 -7.47	47.56 3.51 -6.28	47.68 3.81 -4.54	55.84 4.04 -9.31	57.37 5.14 -5.92	72.52 5.51 -18.24	70.56 5.18 -19.12	66.51 4.93 -15.49	63.21 4.14 -15.98	51.58 3.93 -8.72	45.61 3.61 -6.91	44.39 3.45 -6.79
KENSICO____ 23655	32.28 1.27 0.00	30.73 1.04 0.00	29.55 1.03 0.00	29.23 0.99 0.00	29.97 0.96 0.00	31.54 1.24 0.00	40.15 2.63 0.00	44.01 2.96 0.00	41.68 2.91 0.00	40.38 2.85 0.00	45.16 3.11 0.00	41.59 2.97 0.00	40.53 2.83 0.00	40.57 2.80 0.00	42.35 3.03 0.00	45.85 3.36 0.00	51.81 4.49 -1.01	68.72 4.83 -15.12	62.53 4.53 -11.73	50.92 4.29 -0.54	46.62 3.53 0.00	42.21 3.27 0.00	38.07 2.98 0.00	36.88 2.73 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.28 1.27 0.00	30.79 1.10 0.00	29.58 1.06 0.00	29.29 1.05 0.00	30.03 1.02 0.00	31.60 1.30 0.00	40.15 2.63 0.00	43.76 2.71 0.00	41.33 2.56 0.00	39.93 2.40 0.00	44.66 2.61 0.00	41.16 2.55 0.00	40.08 2.38 0.00	40.15 2.38 0.00	41.96 2.63 0.00	45.51 3.02 0.00	51.36 4.08 -0.97	67.89 4.58 -14.53	61.75 4.21 -11.28	50.58 3.96 -0.52	46.36 3.27 0.00	41.97 3.04 0.00	37.75 2.67 0.00	36.57 2.42 0.00
KIAC_JFK_GT1 23816	32.10 1.09 0.00	30.56 0.86 0.00	29.35 0.83 0.00	29.01 0.76 0.00	29.74 0.73 0.00	31.39 1.09 0.00	40.15 2.63 0.00	44.09 3.04 0.00	41.83 3.06 0.00	40.57 3.04 0.00	45.33 3.28 0.00	41.78 3.17 0.00	40.72 3.02 0.00	40.76 2.98 0.00	42.55 3.22 0.00	46.06 3.57 0.00	52.14 4.82 -1.01	69.03 5.12 -15.14	62.91 4.90 -11.75	51.24 4.61 -0.54	46.75 3.66 0.00	42.36 3.43 0.00	38.14 3.05 0.00	36.91 2.77 0.00
KIAC_JFK_GT2 23817	32.10 1.09 0.00	30.56 0.86 0.00	29.35 0.83 0.00	29.01 0.76 0.00	29.74 0.73 0.00	31.39 1.09 0.00	40.15 2.63 0.00	44.09 3.04 0.00	41.83 3.06 0.00	40.57 3.04 0.00	45.33 3.28 0.00	41.78 3.17 0.00	40.72 3.02 0.00	40.76 2.98 0.00	42.55 3.22 0.00	46.06 3.57 0.00	52.14 4.82 -1.01	69.03 5.12 -15.14	62.91 4.90 -11.75	51.24 4.61 -0.54	46.75 3.66 0.00	42.36 3.43 0.00	38.14 3.05 0.00	36.91 2.77 0.00

KIAC_JFK____ 323774	32.10 1.08 0.00	30.56 0.86 0.00	29.36 0.83 0.00	29.01 0.76 0.00	29.74 0.73 0.00	31.39 1.09 0.00	40.15 2.63 0.00	44.13 3.08 0.00	41.87 3.10 0.00	40.57 3.04 0.00	45.37 3.32 0.00	41.78 3.17 0.00	40.72 3.02 0.00	40.75 2.98 0.00	42.59 3.26 0.00	45.98 3.48 0.00	52.07 4.77 -1.00	68.67 5.02 -14.87	62.66 4.86 -11.55	51.19 4.56 -0.54	46.75 3.66 0.00	42.40 3.46 0.00	38.17 3.09 0.00	36.95 2.80 0.00
KINTIGH____ 23543	30.21 -0.81 0.00	29.04 -0.65 0.00	27.81 -0.71 0.00	27.65 -0.59 0.00	28.40 -0.61 0.00	29.60 -0.70 0.00	37.60 0.08 0.00	40.19 -0.86 0.00	38.11 -0.66 0.00	36.89 -0.64 0.00	41.04 -1.01 0.00	37.03 -1.58 0.00	36.23 -1.47 0.00	36.34 -1.44 0.00	37.75 -1.57 0.00	40.75 -1.74 0.00	45.25 -1.20 -0.15	50.62 -0.39 -2.23	46.56 -1.43 -1.73	44.37 -1.80 -0.08	40.89 -2.20 0.00	36.76 -2.18 0.00	33.22 -1.86 0.00	32.99 -1.16 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.75 1.74 0.00	31.48 1.78 0.00	30.24 1.71 0.00	29.88 1.64 0.00	30.84 1.83 0.00	32.12 1.82 0.00	38.72 1.20 0.00	42.49 1.44 0.00	39.89 1.12 0.00	38.66 1.13 0.00	43.27 1.22 0.00	39.85 1.24 0.00	38.87 1.17 0.00	38.94 1.17 0.00	40.42 1.10 0.00	43.51 1.02 0.00	46.45 0.14 0.00	48.63 -0.15 0.00	46.45 0.19 0.00	46.37 0.28 0.00	44.08 0.99 0.00	39.99 1.05 0.00	35.64 0.56 0.00	35.27 1.13 0.00
LACHUTE____HYDRO 323717	32.84 1.83 0.00	31.39 1.69 0.00	30.12 1.60 0.00	29.94 1.69 0.00	30.78 1.77 0.00	32.51 2.21 0.00	41.01 3.49 0.00	45.24 4.19 0.00	42.41 3.64 0.00	40.87 3.34 0.00	45.83 3.79 0.00	41.86 3.24 0.00	40.72 3.02 0.00	40.75 2.98 0.00	42.43 3.11 0.00	46.02 3.52 0.00	52.44 4.77 -1.36	74.46 5.41 -20.28	66.72 4.72 -15.74	51.24 4.43 -0.73	47.05 3.96 0.00	42.56 3.62 0.00	38.06 2.98 0.00	37.05 2.90 0.00
LAWRNCV_115KV_TB1 80681	31.38 0.37 0.00	30.32 0.62 0.00	29.16 0.63 0.00	28.81 0.56 0.00	29.68 0.67 0.00	30.57 0.27 0.00	37.04 -0.49 0.00	40.68 -0.37 0.00	38.34 -0.43 0.00	37.08 -0.45 0.00	41.80 -0.25 0.00	38.54 -0.08 0.00	37.62 -0.08 0.00	37.73 -0.04 0.00	39.28 -0.04 0.00	41.94 -0.55 0.00	45.06 -1.25 0.00	46.63 -2.15 0.00	45.06 -1.20 0.00	44.98 -1.11 0.00	42.49 -0.60 0.00	38.74 -0.19 0.00	34.87 -0.21 0.00	34.04 -0.10 0.00
LEDERLE____ 23769	32.13 1.12 0.00	30.62 0.92 0.00	29.41 0.88 0.00	29.09 0.85 0.00	29.85 0.84 0.00	31.42 1.12 0.00	39.93 2.40 0.00	43.68 2.63 0.00	41.29 2.52 0.00	39.93 2.40 0.00	44.66 2.61 0.00	41.16 2.55 0.00	40.11 2.41 0.00	40.15 2.38 0.00	41.88 2.56 0.00	45.34 2.85 0.00	51.16 3.89 -0.96	67.42 4.29 -14.36	61.38 3.98 -11.14	50.34 3.73 -0.52	46.15 3.06 0.00	41.78 2.84 0.00	37.68 2.60 0.00	36.50 2.36 0.00
LIGHTHSE_115KV_TB6 355974	30.45 -0.56 0.00	29.19 -0.50 0.00	28.04 -0.48 0.00	27.76 -0.48 0.00	28.55 -0.46 0.00	29.72 -0.58 0.00	37.11 -0.41 0.00	40.64 -0.41 0.00	38.34 -0.43 0.00	37.16 -0.38 0.00	41.59 -0.46 0.00	38.19 -0.42 0.00	37.25 -0.45 0.00	37.32 -0.45 0.00	38.73 -0.59 0.00	41.90 -0.59 0.00	46.11 -0.28 -0.08	50.00 0.05 -1.18	46.94 -0.23 -0.91	45.72 -0.41 -0.04	42.53 -0.56 0.00	38.43 -0.51 0.00	34.59 -0.49 0.00	33.70 -0.44 0.00
LINDEN COGEN____ 23786	32.03 1.02 0.00	30.50 0.80 0.00	29.33 0.80 0.00	28.98 0.73 0.00	29.71 0.70 0.00	31.30 1.00 0.00	39.93 2.40 0.00	43.85 2.79 0.00	41.52 2.75 0.00	40.23 2.70 0.00	45.08 3.03 0.00	41.51 2.90 0.00	40.45 2.75 0.00	40.49 2.72 0.00	42.31 2.99 0.00	45.63 3.14 0.00	51.61 4.31 -1.00	68.23 4.58 -14.87	62.15 4.35 -11.55	50.73 4.10 -0.54	46.45 3.36 0.00	42.17 3.23 0.00	37.99 2.91 0.00	36.81 2.67 0.00
LINDHRST_69_KV_BK1 356055	37.66 2.73 -3.92	38.80 2.38 -6.73	35.59 2.31 -4.75	31.33 2.23 -0.85	32.43 2.26 -1.16	37.49 2.70 -4.49	45.70 4.47 -3.71	51.10 4.93 -5.12	47.76 4.81 -4.19	45.60 4.69 -3.38	53.11 5.00 -6.06	45.50 4.56 -2.33	46.22 4.41 -4.11	45.64 4.42 -3.45	46.50 4.68 -2.49	51.98 5.18 -4.31	55.90 6.30 -3.29	72.19 6.88 -16.54	67.60 6.43 -14.91	58.99 6.13 -6.77	55.04 5.30 -6.65	47.92 4.94 -4.04	42.94 4.67 -3.19	42.22 4.34 -3.73
LIPA_MISC_IPP 23656	35.58 3.04 -1.53	34.97 2.64 -2.64	32.95 2.57 -1.86	31.06 2.49 -0.33	31.96 2.50 -0.45	35.05 3.00 -1.76	43.92 4.92 -1.48	48.56 5.46 -2.05	45.67 5.23 -1.67	43.98 5.10 -1.35	49.72 5.30 -2.37	44.39 4.87 -0.91	43.94 4.64 -1.61	43.73 4.61 -1.35	45.33 5.03 -0.97	49.90 5.69 -1.72	55.14 6.90 -1.93	72.17 7.61 -15.79	66.53 7.08 -13.19	56.22 6.78 -3.35	51.94 5.86 -2.99	46.03 5.49 -1.61	41.36 5.02 -1.26	40.25 4.64 -1.46
LISF____SOLAR 323691	35.67 3.10 -1.56	35.07 2.70 -2.67	33.07 2.65 -1.89	31.12 2.54 -0.33	32.05 2.58 -0.46	35.17 3.09 -1.78	44.01 4.99 -1.50	48.59 5.46 -2.08	45.81 5.35 -1.69	43.96 5.06 -1.37	49.96 5.51 -2.41	44.63 5.10 -0.92	44.04 4.71 -1.63	43.86 4.72 -1.37	45.66 5.35 -0.99	50.10 5.87 -1.74	55.45 7.22 -1.93	72.11 7.80 -15.53	66.57 7.31 -13.00	56.53 7.05 -3.38	52.24 6.12 -3.04	46.29 5.73 -1.63	41.57 5.19 -1.29	40.34 4.71 -1.48
LITTLE FALLS____HYD 24013	31.14 0.12 0.00	29.81 0.12 0.00	28.64 0.11 0.00	28.36 0.11 0.00	29.16 0.15 0.00	30.57 0.27 0.00	38.01 0.49 0.00	41.71 0.66 0.00	39.39 0.62 0.00	38.09 0.56 0.00	42.72 0.67 0.00	39.27 0.66 0.00	38.38 0.68 0.00	38.45 0.68 0.00	40.03 0.71 0.00	43.30 0.81 0.00	47.33 1.02 0.00	49.99 1.22 0.00	47.23 0.97 0.00	47.01 0.92 0.00	43.91 0.82 0.00	39.68 0.74 0.00	35.78 0.70 0.00	34.83 0.68 0.00
LITTLRIV_115KV_TB1 356100	31.79 0.78 0.00	30.67 0.98 0.00	29.50 0.97 0.00	29.18 0.93 0.00	30.06 1.04 0.00	30.99 0.70 0.00	37.60 0.08 0.00	41.38 0.33 0.00	38.96 0.19 0.00	37.68 0.15 0.00	42.47 0.42 0.00	39.15 0.54 0.00	38.23 0.53 0.00	38.34 0.57 0.00	39.95 0.63 0.00	42.66 0.17 0.00	45.84 -0.46 0.00	47.55 -1.22 0.00	45.89 -0.37 0.00	45.77 -0.32 0.00	43.18 0.09 0.00	39.32 0.39 0.00	35.33 0.25 0.00	34.49 0.34 0.00
LI_NEWBRDGE____DRP 323616	33.38 2.08 -0.29	32.02 1.81 -0.51	30.65 1.77 -0.36	30.03 1.72 -0.06	30.81 1.71 -0.08	32.67 2.03 -0.34	41.39 3.56 -0.30	45.38 3.90 -0.43	42.94 3.84 -0.34	41.59 3.79 -0.27	46.67 4.16 -0.46	42.61 3.82 -0.17	41.74 3.73 -0.31	41.77 3.74 -0.26	43.48 3.97 -0.18	47.13 4.29 -0.35	52.60 5.09 -1.19	69.58 5.51 -15.30	63.59 5.23 -12.10	52.33 5.02 -1.22	48.03 4.22 -0.72	43.27 4.01 -0.33	39.19 3.86 -0.25	38.05 3.62 -0.28
LOCKPORT_115KV_TB60_63_64 80432	30.58 -0.43 0.00	29.46 -0.24 0.00	28.16 -0.37 0.00	28.05 -0.20 0.00	28.84 -0.17 0.00	29.99 -0.30 0.00	38.24 0.71 0.00	40.56 -0.49 0.00	38.53 -0.23 0.00	37.27 -0.26 0.00	41.38 -0.67 0.00	37.22 -1.39 0.00	36.42 -1.28 0.00	36.52 -1.25 0.00	37.95 -1.38 0.00	40.96 -1.53 0.00	44.86 -1.57 -0.13	49.93 -0.63 -1.80	45.71 -1.94 -1.40	43.86 -2.30 -0.07	40.98 -2.11 0.00	36.76 -2.18 0.00	33.29 -1.79 0.00	33.29 -0.85 0.00

LOCKPORT___CC1 323769	30.58 -0.43 0.00	29.46 -0.24 0.00	28.16 -0.37 0.00	28.05 -0.20 0.00	28.84 -0.17 0.00	30.02 -0.27 0.00	38.24 0.71 0.00	40.56 -0.49 0.00	38.54 -0.23 0.00	37.31 -0.22 0.00	41.33 -0.72 0.00	37.23 -1.39 0.00	36.42 -1.28 0.00	36.56 -1.21 0.00	37.52 -1.81 0.00	40.92 -1.57 0.00	44.77 -1.67 -0.13	49.87 -0.68 -1.78	45.66 -1.99 -1.39	43.81 -2.35 -0.07	40.98 -2.11 0.00	36.68 -2.26 0.00	33.30 -1.79 0.00	33.19 -0.96 0.00
LOCKPORT___CC2 323770	30.58 -0.43 0.00	29.46 -0.24 0.00	28.16 -0.37 0.00	28.05 -0.20 0.00	28.84 -0.17 0.00	30.02 -0.27 0.00	38.24 0.71 0.00	40.56 -0.49 0.00	38.54 -0.23 0.00	37.31 -0.22 0.00	41.33 -0.72 0.00	37.23 -1.39 0.00	36.42 -1.28 0.00	36.56 -1.21 0.00	37.52 -1.81 0.00	40.92 -1.57 0.00	44.77 -1.67 -0.13	49.87 -0.68 -1.78	45.66 -1.99 -1.39	43.81 -2.35 -0.07	40.98 -2.11 0.00	36.68 -2.26 0.00	33.30 -1.79 0.00	33.19 -0.96 0.00
LOCKPORT___CC3 323771	30.58 -0.43 0.00	29.46 -0.24 0.00	28.16 -0.37 0.00	28.05 -0.20 0.00	28.84 -0.17 0.00	30.02 -0.27 0.00	38.24 0.71 0.00	40.56 -0.49 0.00	38.54 -0.23 0.00	37.31 -0.22 0.00	41.33 -0.72 0.00	37.23 -1.39 0.00	36.42 -1.28 0.00	36.56 -1.21 0.00	37.52 -1.81 0.00	40.92 -1.57 0.00	44.77 -1.67 -0.13	49.87 -0.68 -1.78	45.66 -1.99 -1.39	43.81 -2.35 -0.07	40.98 -2.11 0.00	36.68 -2.26 0.00	33.30 -1.79 0.00	33.19 -0.96 0.00
LONG_LAKE_PHOENIX 24014	30.42 -0.59 0.00	29.16 -0.53 0.00	28.01 -0.51 0.00	27.74 -0.51 0.00	28.49 -0.52 0.00	29.72 -0.58 0.00	37.15 -0.38 0.00	40.64 -0.41 0.00	38.42 -0.35 0.00	37.19 -0.34 0.00	41.63 -0.42 0.00	38.15 -0.46 0.00	37.21 -0.49 0.00	37.28 -0.49 0.00	38.77 -0.55 0.00	41.94 -0.55 0.00	46.12 -0.28 -0.09	50.09 0.00 -1.32	46.96 -0.32 -1.02	45.72 -0.41 -0.05	42.53 -0.56 0.00	38.35 -0.58 0.00	34.56 -0.53 0.00	33.63 -0.51 0.00
LOVETT___3 23632	32.00 0.99 0.00	30.50 0.80 0.00	29.33 0.80 0.00	29.01 0.76 0.00	29.74 0.73 0.00	31.30 1.00 0.00	39.78 2.25 0.00	43.52 2.46 0.00	41.17 2.40 0.00	39.78 2.25 0.00	44.49 2.44 0.00	41.01 2.39 0.00	40.00 2.30 0.00	40.04 2.27 0.00	41.72 2.40 0.00	45.17 2.68 0.00	50.98 3.70 -0.97	67.24 4.05 -14.42	61.20 3.75 -11.19	50.16 3.55 -0.52	45.98 2.89 0.00	41.62 2.69 0.00	37.57 2.49 0.00	36.40 2.25 0.00
LOVETT___4 23642	32.00 0.99 0.00	30.50 0.80 0.00	29.33 0.80 0.00	29.01 0.76 0.00	29.74 0.73 0.00	31.30 1.00 0.00	39.78 2.25 0.00	43.52 2.46 0.00	41.17 2.40 0.00	39.78 2.25 0.00	44.49 2.44 0.00	41.01 2.39 0.00	40.00 2.30 0.00	40.04 2.27 0.00	41.72 2.40 0.00	45.17 2.68 0.00	50.98 3.70 -0.97	67.24 4.05 -14.42	61.20 3.75 -11.19	50.16 3.55 -0.52	45.98 2.89 0.00	41.62 2.69 0.00	37.57 2.49 0.00	36.40 2.25 0.00
LOVETT___5 23593	32.00 0.99 0.00	30.50 0.80 0.00	29.33 0.80 0.00	29.01 0.76 0.00	29.74 0.73 0.00	31.30 1.00 0.00	39.78 2.25 0.00	43.52 2.46 0.00	41.17 2.40 0.00	39.78 2.25 0.00	44.49 2.44 0.00	41.01 2.39 0.00	40.00 2.30 0.00	40.04 2.27 0.00	41.72 2.40 0.00	45.17 2.68 0.00	50.98 3.70 -0.97	67.24 4.05 -14.42	61.20 3.75 -11.19	50.16 3.55 -0.52	45.98 2.89 0.00	41.62 2.69 0.00	37.57 2.49 0.00	36.40 2.25 0.00
LOWER RAQUET___HYD 24057	31.39 0.37 0.00	30.29 0.59 0.00	29.13 0.60 0.00	28.78 0.54 0.00	29.65 0.64 0.00	30.54 0.24 0.00	36.92 -0.60 0.00	40.64 -0.41 0.00	38.26 -0.51 0.00	37.01 -0.53 0.00	41.76 -0.29 0.00	38.50 -0.12 0.00	37.59 -0.11 0.00	37.70 -0.08 0.00	39.28 -0.04 0.00	41.85 -0.64 0.00	44.92 -1.39 0.00	46.53 -2.24 0.00	44.92 -1.34 0.00	44.85 -1.24 0.00	42.36 -0.73 0.00	38.70 -0.23 0.00	34.84 -0.24 0.00	34.01 -0.14 0.00
LOWER___HUDSON 24059	32.13 1.11 0.00	30.70 1.01 0.00	29.50 0.97 0.00	29.21 0.96 0.00	30.00 0.99 0.00	31.51 1.21 0.00	39.33 1.80 0.00	43.11 2.05 0.00	40.67 1.90 0.00	39.37 1.84 0.00	44.28 2.23 0.00	40.70 2.08 0.00	39.70 2.00 0.00	39.77 2.00 0.00	41.45 2.12 0.00	44.83 2.34 0.00	50.56 2.92 -1.33	71.81 3.17 -19.87	64.60 2.92 -15.42	49.62 2.81 -0.72	45.59 2.50 0.00	41.23 2.30 0.00	37.12 2.03 0.00	36.06 1.91 0.00
LOWVILLE_115KV_TB2 356335	31.23 0.22 0.00	29.96 0.27 0.00	28.81 0.29 0.00	28.50 0.25 0.00	29.33 0.32 0.00	30.63 0.33 0.00	38.09 0.56 0.00	41.87 0.82 0.00	39.39 0.62 0.00	38.02 0.49 0.00	42.64 0.59 0.00	39.12 0.50 0.00	38.15 0.45 0.00	38.30 0.53 0.00	39.95 0.63 0.00	43.13 0.64 0.00	47.41 1.07 -0.04	50.77 1.37 -0.63	47.86 1.11 -0.49	47.03 0.92 -0.02	43.86 0.78 0.00	39.56 0.62 0.00	35.50 0.42 0.00	34.56 0.41 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	32.41 1.40 0.00	30.97 1.28 0.00	29.75 1.23 0.00	29.49 1.24 0.00	30.29 1.28 0.00	31.84 1.55 0.00	39.81 2.29 0.00	43.68 2.63 0.00	41.13 2.36 0.00	39.75 2.21 0.00	44.66 2.61 0.00	40.97 2.36 0.00	39.96 2.26 0.00	40.00 2.23 0.00	41.64 2.32 0.00	45.12 2.63 0.00	51.04 3.38 -1.35	72.73 3.76 -20.20	65.27 3.33 -15.68	50.04 3.23 -0.73	45.98 2.89 0.00	41.58 2.65 0.00	37.40 2.32 0.00	36.37 2.22 0.00
LUTHERNY_35_KV_BK2 355980	32.44 1.43 0.00	31.00 1.31 0.00	29.78 1.26 0.00	29.52 1.27 0.00	30.32 1.31 0.00	31.87 1.58 0.00	39.85 2.33 0.00	43.72 2.67 0.00	41.17 2.40 0.00	39.78 2.25 0.00	44.70 2.65 0.00	41.01 2.39 0.00	40.00 2.30 0.00	40.04 2.27 0.00	41.68 2.36 0.00	45.17 2.68 0.00	51.09 3.43 -1.35	72.78 3.80 -20.20	65.32 3.38 -15.68	50.09 3.27 -0.73	46.02 2.93 0.00	41.58 2.65 0.00	37.43 2.35 0.00	36.37 2.22 0.00
LWR___OSWEGATCHIE_HYD 23850	30.95 -0.06 0.00	29.78 0.09 0.00	28.64 0.11 0.00	28.33 0.08 0.00	29.16 0.15 0.00	30.24 -0.06 0.00	37.07 -0.45 0.00	40.81 -0.25 0.00	38.38 -0.39 0.00	37.08 -0.45 0.00	41.71 -0.34 0.00	38.38 -0.23 0.00	37.44 -0.26 0.00	37.58 -0.19 0.00	39.17 -0.16 0.00	41.98 -0.51 0.00	45.69 -0.65 -0.03	48.30 -0.93 -0.46	46.06 -0.56 -0.36	45.46 -0.65 -0.02	42.66 -0.43 0.00	38.70 -0.23 0.00	34.77 -0.32 0.00	33.91 -0.24 0.00
LYONS_FALL_HYD 23570	31.41 0.40 0.00	30.11 0.42 0.00	28.96 0.43 0.00	28.64 0.40 0.00	29.45 0.44 0.00	30.81 0.51 0.00	38.39 0.86 0.00	42.16 1.11 0.00	39.70 0.93 0.00	38.36 0.82 0.00	42.97 0.92 0.00	39.43 0.81 0.00	38.49 0.79 0.00	38.60 0.83 0.00	40.27 0.94 0.00	43.51 1.02 0.00	47.79 1.44 -0.04	51.18 1.81 -0.60	48.17 1.44 -0.47	47.36 1.24 -0.02	44.17 1.08 0.00	39.79 0.86 0.00	35.75 0.66 0.00	34.79 0.65 0.00
MADISON___COUNTY_LFGE 323628	31.79 0.78 0.00	30.47 0.77 0.00	29.30 0.77 0.00	28.98 0.73 0.00	29.80 0.78 0.00	31.24 0.94 0.00	39.10 1.58 0.00	42.90 1.85 0.00	40.43 1.67 0.00	39.11 1.58 0.00	43.77 1.72 0.00	40.12 1.51 0.00	39.17 1.47 0.00	39.28 1.51 0.00	40.98 1.65 0.00	44.32 1.83 0.00	48.69 2.32 -0.07	52.44 2.68 -0.98	49.20 2.17 -0.76	48.06 1.94 -0.04	44.81 1.72 0.00	40.30 1.36 0.00	36.24 1.16 0.00	35.31 1.16 0.00

MALONE___115KV_TB1 356076	32.41 1.40 0.00	31.15 1.46 0.00	29.95 1.43 0.00	29.60 1.36 0.00	30.52 1.51 0.00	31.69 1.39 0.00	38.35 0.83 0.00	42.12 1.07 0.00	39.58 0.81 0.00	38.39 0.86 0.00	43.02 0.97 0.00	39.66 1.04 0.00	38.72 1.02 0.00	38.79 1.02 0.00	40.31 0.98 0.00	43.26 0.76 0.00	46.35 0.05 0.00	48.38 -0.39 0.00	46.31 0.05 0.00	46.27 0.18 0.00	43.82 0.73 0.00	39.83 0.90 0.00	35.57 0.49 0.00	34.97 0.82 0.00
MAPLEWOD_115KV_TB3 80458	31.88 0.87 0.00	30.44 0.74 0.00	29.24 0.71 0.00	28.98 0.73 0.00	29.74 0.73 0.00	31.24 0.94 0.00	38.57 1.05 0.00	42.20 1.15 0.00	39.81 1.05 0.00	38.54 1.01 0.00	43.48 1.43 0.00	40.00 1.39 0.00	39.06 1.36 0.00	39.13 1.36 0.00	40.74 1.42 0.00	44.10 1.61 0.00	49.72 2.08 -1.32	70.84 2.29 -19.77	63.64 2.04 -15.35	48.78 1.98 -0.71	44.86 1.77 0.00	40.53 1.60 0.00	36.59 1.51 0.00	35.48 1.33 0.00
MAPLE_RIDGE_WT_1 323574	30.98 -0.03 0.00	29.72 0.03 0.00	28.56 0.03 0.00	28.24 0.00 0.00	29.04 0.03 0.00	30.30 0.00 0.00	37.26 -0.26 0.00	40.85 -0.20 0.00	38.54 -0.23 0.00	37.31 -0.22 0.00	41.80 -0.25 0.00	38.42 -0.19 0.00	37.55 -0.15 0.00	37.62 -0.15 0.00	39.17 -0.16 0.00	42.24 -0.25 0.00	45.84 -0.46 0.00	48.09 -0.68 0.00	45.80 -0.46 0.00	45.67 -0.42 0.00	42.83 -0.26 0.00	38.74 -0.19 0.00	34.87 -0.21 0.00	33.98 -0.17 0.00
MAPLE_RIDGE_WT_2 323611	30.98 -0.03 0.00	29.72 0.03 0.00	28.56 0.03 0.00	28.24 0.00 0.00	29.04 0.03 0.00	30.30 0.00 0.00	37.26 -0.26 0.00	40.85 -0.20 0.00	38.54 -0.23 0.00	37.31 -0.22 0.00	41.80 -0.25 0.00	38.42 -0.19 0.00	37.55 -0.15 0.00	37.62 -0.15 0.00	39.17 -0.16 0.00	42.24 -0.25 0.00	45.84 -0.46 0.00	48.09 -0.68 0.00	45.80 -0.46 0.00	45.67 -0.42 0.00	42.83 -0.26 0.00	38.74 -0.19 0.00	34.87 -0.21 0.00	33.98 -0.17 0.00
MARBLE_RIVER_WT_PWR 323696	32.16 1.15 0.00	30.88 1.19 0.00	29.70 1.17 0.00	29.34 1.10 0.00	30.26 1.25 0.00	31.48 1.18 0.00	38.01 0.49 0.00	41.67 0.62 0.00	39.19 0.43 0.00	37.98 0.45 0.00	42.51 0.46 0.00	39.15 0.54 0.00	38.23 0.53 0.00	38.26 0.49 0.00	39.72 0.39 0.00	42.75 0.26 0.00	45.70 -0.60 0.00	47.75 -1.03 0.00	45.61 -0.65 0.00	45.58 -0.51 0.00	43.31 0.22 0.00	39.29 0.35 0.00	35.15 0.07 0.00	34.66 0.51 0.00
MARSHVLE_115KV_TB1 80742	33.09 2.08 0.00	31.65 1.96 0.00	30.41 1.88 0.00	30.16 1.92 0.00	31.04 2.03 0.00	32.69 2.39 0.00	41.01 3.49 0.00	44.99 3.94 0.00	42.22 3.45 0.00	40.65 3.12 0.00	45.50 3.45 0.00	41.63 3.01 0.00	40.68 2.98 0.00	40.91 3.14 0.00	42.78 3.46 0.00	46.44 3.95 0.00	52.83 4.91 -1.61	78.49 5.66 -24.05	69.93 5.00 -18.67	51.66 4.70 -0.87	47.35 4.27 0.00	42.63 3.70 0.00	38.21 3.12 0.00	37.05 2.90 0.00
MARSH_HILL_WT_PWR 323713	31.69 0.68 0.00	30.52 0.83 0.00	29.38 0.86 0.00	29.21 0.96 0.00	30.03 1.01 0.00	31.51 1.21 0.00	40.30 2.78 0.00	43.35 2.30 0.00	41.21 2.44 0.00	39.90 2.37 0.00	44.23 2.19 0.00	40.08 1.47 0.00	39.21 1.51 0.00	39.39 1.62 0.00	40.66 1.34 0.00	44.23 1.74 0.00	48.13 1.62 -0.21	54.54 2.73 -3.04	50.10 1.48 -2.36	47.26 1.06 -0.11	44.51 1.42 0.00	39.95 1.01 0.00	36.03 0.95 0.00	35.51 1.37 0.00
MCINTYRE_115KV_TB2 80467	31.97 0.96 0.00	30.85 1.16 0.00	29.70 1.17 0.00	29.32 1.07 0.00	30.20 1.19 0.00	31.18 0.88 0.00	37.82 0.30 0.00	41.67 0.62 0.00	39.23 0.47 0.00	37.94 0.41 0.00	42.72 0.67 0.00	39.35 0.73 0.00	38.42 0.72 0.00	38.56 0.79 0.00	40.19 0.87 0.00	43.00 0.51 0.00	46.21 -0.09 0.00	47.85 -0.93 0.00	46.17 -0.09 0.00	46.14 0.05 0.00	43.48 0.39 0.00	39.52 0.58 0.00	35.50 0.42 0.00	34.62 0.48 0.00
MECO___69_KV_BK1 80468	34.21 3.19 0.00	32.72 3.03 0.00	31.41 2.88 0.00	31.24 2.99 0.00	32.18 3.16 0.00	33.96 3.67 0.00	42.89 5.37 0.00	47.09 6.03 0.00	43.85 5.08 0.00	42.07 4.54 0.00	47.09 5.05 0.00	42.78 4.17 0.00	42.04 4.34 0.00	42.46 4.68 0.00	44.51 5.19 0.00	48.44 5.95 0.00	55.34 7.50 -1.53	80.18 8.54 -22.87	71.51 7.49 -17.75	54.06 7.14 -0.82	49.64 6.55 0.00	44.43 5.49 0.00	39.78 4.70 0.00	38.45 4.30 0.00
MENANDS__115KV_TB5 355628	31.69 0.68 0.00	30.29 0.59 0.00	29.10 0.57 0.00	28.81 0.56 0.00	29.59 0.58 0.00	31.08 0.79 0.00	38.31 0.79 0.00	41.92 0.86 0.00	39.50 0.74 0.00	38.28 0.75 0.00	43.23 1.18 0.00	39.81 1.20 0.00	38.83 1.13 0.00	38.90 1.13 0.00	40.46 1.14 0.00	43.81 1.32 0.00	49.39 1.76 -1.32	70.45 1.95 -19.73	63.29 1.71 -15.32	48.46 1.66 -0.71	44.55 1.47 0.00	40.30 1.36 0.00	36.42 1.33 0.00	35.31 1.16 0.00
MG INDUSTRY___DRP 24185	31.85 0.84 0.00	30.47 0.77 0.00	29.27 0.74 0.00	28.98 0.73 0.00	29.77 0.75 0.00	31.24 0.94 0.00	38.54 1.01 0.00	42.12 1.07 0.00	39.70 0.93 0.00	38.43 0.90 0.00	43.31 1.26 0.00	39.85 1.24 0.00	38.91 1.21 0.00	38.98 1.21 0.00	40.54 1.22 0.00	43.89 1.40 0.00	49.40 1.81 -1.29	70.02 2.00 -19.25	63.00 1.80 -14.94	48.58 1.80 -0.69	44.73 1.64 0.00	40.41 1.48 0.00	36.52 1.44 0.00	35.44 1.30 0.00
MID___OSWEGATCHIE_HYD 23849	30.95 -0.06 0.00	29.78 0.09 0.00	28.64 0.11 0.00	28.33 0.08 0.00	29.16 0.15 0.00	30.24 -0.06 0.00	37.07 -0.45 0.00	40.81 -0.25 0.00	38.38 -0.39 0.00	37.08 -0.45 0.00	41.71 -0.34 0.00	38.38 -0.23 0.00	37.44 -0.26 0.00	37.58 -0.19 0.00	39.17 -0.16 0.00	41.98 -0.51 0.00	45.69 -0.65 -0.03	48.30 -0.93 -0.46	46.06 -0.56 -0.36	45.46 -0.65 -0.02	42.66 -0.43 0.00	38.70 -0.23 0.00	34.77 -0.32 0.00	33.91 -0.24 0.00
MID___RAQUETTE_HYD 23851	31.38 0.37 0.00	30.29 0.59 0.00	29.13 0.60 0.00	28.78 0.54 0.00	29.65 0.64 0.00	30.54 0.24 0.00	36.96 -0.56 0.00	40.60 -0.45 0.00	38.26 -0.50 0.00	37.01 -0.53 0.00	41.75 -0.29 0.00	38.50 -0.12 0.00	37.59 -0.11 0.00	37.70 -0.08 0.00	39.28 -0.04 0.00	41.85 -0.64 0.00	44.92 -1.39 0.00	46.53 -2.24 0.00	44.92 -1.34 0.00	44.84 -1.24 0.00	42.36 -0.73 0.00	38.70 -0.23 0.00	34.84 -0.25 0.00	34.01 -0.14 0.00
MILLIKEN___1 23584	31.66 0.65 0.00	30.38 0.68 0.00	29.16 0.63 0.00	28.87 0.62 0.00	29.68 0.67 0.00	31.05 0.76 0.00	39.10 1.58 0.00	42.74 1.68 0.00	40.40 1.63 0.00	39.03 1.50 0.00	43.60 1.56 0.00	39.89 1.27 0.00	38.98 1.28 0.00	39.06 1.28 0.00	40.70 1.38 0.00	44.06 1.57 0.00	48.60 2.08 -0.21	54.50 2.63 -3.10	50.74 2.08 -2.40	48.04 1.84 -0.11	44.73 1.64 0.00	40.22 1.28 0.00	36.14 1.05 0.00	35.24 1.09 0.00
MILLIKEN___2 23585	31.66 0.65 0.00	30.38 0.68 0.00	29.16 0.63 0.00	28.87 0.62 0.00	29.68 0.67 0.00	31.05 0.76 0.00	39.10 1.58 0.00	42.74 1.68 0.00	40.40 1.63 0.00	39.03 1.50 0.00	43.60 1.56 0.00	39.89 1.27 0.00	38.98 1.28 0.00	39.06 1.28 0.00	40.70 1.38 0.00	44.06 1.57 0.00	48.60 2.08 -0.21	54.50 2.63 -3.10	50.74 2.08 -2.40	48.04 1.84 -0.11	44.73 1.64 0.00	40.22 1.28 0.00	36.14 1.05 0.00	35.24 1.09 0.00

MILLIKEN___DIESEL 23629	31.66 0.65 0.00	30.38 0.68 0.00	29.16 0.63 0.00	28.87 0.62 0.00	29.68 0.67 0.00	31.05 0.76 0.00	39.10 1.58 0.00	42.74 1.68 0.00	40.40 1.63 0.00	39.03 1.50 0.00	43.60 1.56 0.00	39.89 1.27 0.00	38.98 1.28 0.00	39.06 1.28 0.00	40.70 1.38 0.00	44.06 1.57 0.00	48.60 2.08 -0.21	54.50 2.63 -3.10	50.74 2.08 -2.40	48.04 1.84 -0.11	44.73 1.64 0.00	40.22 1.28 0.00	36.14 1.05 0.00	35.24 1.09 0.00
MILLSEAT___LFGE 323607	30.98 -0.03 0.00	29.81 0.12 0.00	28.44 -0.09 0.00	28.33 0.08 0.00	29.13 0.12 0.00	30.36 0.06 0.00	38.80 1.28 0.00	41.34 0.29 0.00	39.27 0.50 0.00	38.02 0.49 0.00	42.17 0.13 0.00	37.99 -0.62 0.00	37.17 -0.53 0.00	37.28 -0.49 0.00	38.30 -1.02 0.00	41.85 -0.64 0.00	45.92 -0.51 -0.13	51.11 0.54 -1.80	46.87 -0.79 -1.40	44.96 -1.20 -0.07	41.88 -1.21 0.00	37.46 -1.48 0.00	33.89 -1.19 0.00	33.70 -0.44 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.22 1.21 0.00	30.70 1.01 0.00	29.53 1.00 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.51 1.21 0.00	40.08 2.55 0.00	43.93 2.87 0.00	41.60 2.83 0.00	40.27 2.74 0.00	45.08 3.03 0.00	41.51 2.90 0.00	40.45 2.75 0.00	40.49 2.72 0.00	42.23 2.91 0.00	45.76 3.27 0.00	51.67 4.35 -1.01	68.60 4.73 -15.10	62.42 4.44 -11.72	50.78 4.15 -0.54	46.54 3.45 0.00	42.13 3.19 0.00	37.96 2.88 0.00	36.78 2.63 0.00
MILLWOOD_13_KV_LOAD 356217	32.28 1.27 0.00	30.76 1.07 0.00	29.58 1.06 0.00	29.26 1.02 0.00	29.97 0.96 0.00	31.57 1.27 0.00	40.15 2.63 0.00	44.05 3.00 0.00	41.71 2.95 0.00	40.38 2.85 0.00	45.20 3.15 0.00	41.59 2.97 0.00	40.53 2.83 0.00	40.57 2.80 0.00	42.35 3.03 0.00	45.89 3.40 0.00	51.81 4.49 -1.01	68.75 4.88 -15.10	62.61 4.63 -11.72	50.97 4.33 -0.54	46.71 3.62 0.00	42.24 3.31 0.00	38.07 2.98 0.00	36.84 2.70 0.00
MODEL_CITY_ENERGY 24167	30.24 -0.77 0.00	29.13 -0.57 0.00	27.82 -0.71 0.00	27.74 -0.51 0.00	28.52 -0.49 0.00	29.66 -0.64 0.00	37.71 0.19 0.00	39.99 -1.07 0.00	37.99 -0.78 0.00	36.82 -0.71 0.00	40.74 -1.30 0.00	36.68 -1.93 0.00	35.93 -1.77 0.00	36.03 -1.74 0.00	36.97 -2.36 0.00	40.37 -2.12 0.00	44.16 -2.27 -0.12	49.23 -1.31 -1.77	45.04 -2.59 -1.37	43.26 -2.90 -0.07	40.38 -2.71 0.00	36.17 -2.76 0.00	32.84 -2.25 0.00	32.75 -1.40 0.00
MODERN_LFGE___ 323580	30.24 -0.77 0.00	29.13 -0.57 0.00	27.82 -0.71 0.00	27.74 -0.51 0.00	28.52 -0.49 0.00	29.66 -0.64 0.00	37.71 0.19 0.00	39.99 -1.07 0.00	37.99 -0.78 0.00	36.82 -0.71 0.00	40.74 -1.30 0.00	36.68 -1.93 0.00	35.93 -1.77 0.00	36.03 -1.74 0.00	36.97 -2.36 0.00	40.37 -2.12 0.00	44.16 -2.27 -0.12	49.23 -1.31 -1.77	45.04 -2.59 -1.37	43.26 -2.90 -0.07	40.38 -2.71 0.00	36.17 -2.76 0.00	32.84 -2.25 0.00	32.75 -1.40 0.00
MOHAWK_PAPER___DRP 24187	31.88 0.87 0.00	30.44 0.74 0.00	29.24 0.71 0.00	28.98 0.73 0.00	29.74 0.73 0.00	31.24 0.94 0.00	38.57 1.05 0.00	42.20 1.15 0.00	39.81 1.05 0.00	38.54 1.01 0.00	43.48 1.43 0.00	40.00 1.39 0.00	39.06 1.36 0.00	39.13 1.36 0.00	40.74 1.42 0.00	44.10 1.61 0.00	49.72 2.08 -1.32	70.84 2.29 -19.77	63.64 2.04 -15.35	48.78 1.98 -0.71	44.86 1.77 0.00	40.53 1.60 0.00	36.59 1.51 0.00	35.48 1.33 0.00
MOHICAN___35_KV_115KV_LD 80490	32.31 1.30 0.00	30.88 1.19 0.00	29.64 1.11 0.00	29.43 1.19 0.00	30.23 1.22 0.00	31.84 1.55 0.00	39.93 2.40 0.00	43.89 2.83 0.00	41.25 2.48 0.00	39.82 2.29 0.00	44.74 2.69 0.00	40.85 2.24 0.00	39.85 2.15 0.00	39.85 2.08 0.00	41.45 2.12 0.00	44.83 2.34 0.00	50.90 3.24 -1.36	72.70 3.71 -20.22	65.15 3.19 -15.70	49.86 3.04 -0.73	45.76 2.67 0.00	41.54 2.61 0.00	37.33 2.25 0.00	36.33 2.19 0.00
MONGAUP___HYD 23641	32.10 1.08 0.00	30.62 0.92 0.00	29.41 0.89 0.00	29.12 0.88 0.00	29.88 0.87 0.00	31.42 1.12 0.00	39.74 2.21 0.00	43.39 2.34 0.00	40.90 2.13 0.00	39.52 1.99 0.00	44.19 2.14 0.00	40.74 2.12 0.00	39.70 2.00 0.00	39.73 1.96 0.00	41.56 2.24 0.00	45.00 2.51 0.00	50.50 3.29 -0.90	65.72 3.51 -13.43	60.06 3.38 -10.43	49.98 3.41 -0.48	45.89 2.80 0.00	41.58 2.65 0.00	37.54 2.45 0.00	36.37 2.22 0.00
MONTAUK___DIESEL 23721	36.71 4.16 -1.54	36.00 3.65 -2.65	33.96 3.57 -1.87	31.99 3.42 -0.33	32.95 3.48 -0.45	36.18 4.12 -1.77	45.50 6.49 -1.48	50.34 7.23 -2.06	47.27 6.82 -1.68	45.49 6.61 -1.35	51.33 6.90 -2.38	45.82 6.29 -0.91	45.23 5.92 -1.62	44.98 5.85 -1.36	46.75 6.45 -0.98	51.61 7.39 -1.72	57.22 8.98 -1.93	74.51 9.95 -15.79	68.66 9.21 -13.19	58.31 8.85 -3.37	53.90 7.80 -3.01	47.68 7.13 -1.61	42.67 6.31 -1.27	41.45 5.84 -1.47
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.07 1.05 0.00	30.91 1.22 0.00	29.61 1.08 0.00	29.49 1.24 0.00	30.41 1.39 0.00	31.72 1.42 0.00	40.86 3.34 0.00	43.56 2.50 0.00	41.29 2.52 0.00	39.90 2.36 0.00	44.32 2.27 0.00	39.89 1.27 0.00	39.02 1.32 0.00	39.09 1.32 0.00	40.62 1.30 0.00	43.85 1.36 0.00	47.24 0.79 -0.15	53.02 2.10 -2.15	48.44 0.51 -1.67	46.26 0.09 -0.08	43.99 0.90 0.00	39.44 0.51 0.00	35.54 0.46 0.00	35.31 1.16 0.00
MORTIMER_115KV_TB3 55949	30.64 -0.37 0.00	29.40 -0.30 0.00	28.13 -0.40 0.00	27.93 -0.31 0.00	28.72 -0.29 0.00	29.96 -0.33 0.00	38.01 0.49 0.00	41.05 0.00 0.00	38.92 0.16 0.00	37.68 0.15 0.00	41.96 -0.08 0.00	38.07 -0.54 0.00	37.17 -0.53 0.00	37.28 -0.49 0.00	38.77 -0.55 0.00	41.90 -0.59 0.00	46.53 0.09 -0.13	51.43 0.78 -1.88	47.58 -0.14 -1.46	45.70 -0.46 -0.07	42.10 -0.99 0.00	37.85 -1.09 0.00	34.14 -0.95 0.00	33.63 -0.51 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.31 1.30 0.00	30.76 1.07 0.00	29.58 1.06 0.00	29.23 0.99 0.00	29.97 0.96 0.00	31.57 1.27 0.00	40.26 2.74 0.00	44.13 3.08 0.00	41.79 3.02 0.00	40.50 2.96 0.00	45.33 3.28 0.00	41.78 3.17 0.00	40.72 3.02 0.00	40.76 2.98 0.00	42.51 3.19 0.00	46.02 3.53 0.00	52.05 4.72 -1.01	68.93 5.02 -15.14	62.78 4.76 -11.75	51.15 4.52 -0.54	46.75 3.66 0.00	42.36 3.43 0.00	38.21 3.12 0.00	37.02 2.87 0.00
MUNSVILLE_WIND_PWR 323609	33.77 2.76 0.00	32.37 2.67 0.00	31.18 2.65 0.00	30.81 2.57 0.00	31.74 2.73 0.00	33.36 3.06 0.00	42.44 4.91 0.00	46.72 5.67 0.00	43.96 5.20 0.00	42.26 4.73 0.00	47.13 5.09 0.00	43.05 4.44 0.00	42.11 4.41 0.00	42.26 4.49 0.00	44.08 4.76 0.00	47.93 5.44 0.00	53.33 6.71 -0.31	61.65 8.19 -4.68	56.83 6.94 -3.63	52.71 6.45 -0.17	48.90 5.81 0.00	43.76 4.83 0.00	39.19 4.10 0.00	38.21 4.06 0.00
N SALMON___HYD 24042	32.41 1.40 0.00	31.15 1.45 0.00	29.95 1.43 0.00	29.60 1.36 0.00	30.52 1.51 0.00	31.69 1.39 0.00	38.35 0.82 0.00	42.12 1.07 0.00	39.62 0.85 0.00	38.39 0.86 0.00	43.06 1.01 0.00	39.66 1.04 0.00	38.72 1.02 0.00	38.79 1.02 0.00	40.31 0.98 0.00	43.26 0.77 0.00	46.40 0.09 0.00	48.38 -0.39 0.00	46.31 0.05 0.00	46.27 0.19 0.00	43.82 0.73 0.00	39.83 0.90 0.00	35.61 0.53 0.00	34.96 0.82 0.00

N.AKRON__115KV_KNAPP 355671	30.98 -0.03 0.00	29.81 0.12 0.00	28.47 -0.06 0.00	28.36 0.11 0.00	29.16 0.15 0.00	30.39 0.09 0.00	38.84 1.31 0.00	41.34 0.29 0.00	39.27 0.50 0.00	37.98 0.45 0.00	42.17 0.13 0.00	38.00 -0.62 0.00	37.17 -0.53 0.00	37.24 -0.53 0.00	38.73 -0.59 0.00	41.81 -0.68 0.00	45.97 -0.46 -0.13	51.07 0.49 -1.81	46.83 -0.83 -1.40	44.91 -1.24 -0.07	41.84 -1.25 0.00	37.53 -1.40 0.00	33.89 -1.19 0.00	33.81 -0.34 0.00
N.BELMOR_69_KV_BK1 55787	42.43 2.20 -9.22	47.44 1.93 -15.82	41.55 1.85 -11.17	32.06 1.81 -2.01	33.54 1.80 -2.73	43.04 2.18 -10.56	49.99 3.79 -8.67	57.14 4.15 -11.94	52.64 4.07 -9.80	49.42 3.98 -7.91	60.66 4.37 -14.24	48.15 4.05 -5.48	51.28 3.92 -9.66	49.82 3.93 -8.12	49.36 4.17 -5.87	57.15 4.59 -10.07	58.21 5.56 -6.34	73.44 6.00 -18.67	71.60 5.64 -19.69	67.77 5.44 -16.24	64.48 4.61 -16.78	52.69 4.32 -9.44	46.63 4.07 -7.48	46.72 3.79 -8.78
N.E_GEN_SANDY PD 24062	37.36 1.21 -5.14	34.26 1.07 -3.50	33.77 1.03 -4.22	34.26 1.02 -5.00	37.40 0.99 -7.40	39.16 1.24 -7.62	46.28 2.55 -6.20	55.00 2.92 -11.03	46.56 2.79 -5.00	48.33 2.74 -8.06	50.66 3.24 -5.37	47.72 3.09 -6.02	49.38 2.94 -8.74	49.73 2.91 -9.05	51.00 3.15 -8.53	54.00 3.40 -8.11	63.35 4.35 -12.69	85.75 4.68 -32.29	72.34 4.35 -21.73	59.69 4.24 -9.36	56.00 3.62 -9.29	54.28 3.35 -12.00	49.19 3.02 -11.09	46.49 2.80 -9.54
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.04 1.02 0.00	30.53 0.83 0.00	29.35 0.83 0.00	29.04 0.79 0.00	29.77 0.75 0.00	31.33 1.03 0.00	39.81 2.29 0.00	43.56 2.50 0.00	41.21 2.44 0.00	39.82 2.29 0.00	44.53 2.48 0.00	41.05 2.43 0.00	40.04 2.34 0.00	40.08 2.30 0.00	41.80 2.48 0.00	45.21 2.72 0.00	51.07 3.80 -0.96	67.31 4.15 -14.39	61.27 3.84 -11.17	50.20 3.59 -0.52	46.02 2.93 0.00	41.70 2.76 0.00	37.61 2.53 0.00	36.43 2.29 0.00
N.QUEENS_27_KV_LOAD 356247	32.22 1.21 0.00	30.64 0.95 0.00	29.41 0.88 0.00	29.04 0.79 0.00	29.77 0.75 0.00	31.36 1.06 0.00	39.93 2.40 0.00	43.68 2.63 0.00	41.40 2.64 0.00	40.16 2.63 0.00	45.16 3.11 0.00	41.70 3.09 0.00	40.68 2.98 0.00	40.76 2.98 0.00	42.47 3.15 0.00	45.97 3.48 0.00	52.09 4.77 -1.01	68.88 4.97 -15.14	63.01 5.00 -11.75	51.34 4.70 -0.54	46.62 3.53 0.00	42.44 3.50 0.00	38.38 3.30 0.00	37.36 3.21 -0.01
N.TROY___115KV_TB1 355778	32.13 1.12 0.00	30.70 1.01 0.00	29.50 0.97 0.00	29.20 0.96 0.00	30.00 0.99 0.00	31.51 1.21 0.00	39.33 1.80 0.00	43.11 2.05 0.00	40.63 1.86 0.00	39.33 1.80 0.00	44.28 2.23 0.00	40.70 2.09 0.00	39.70 2.00 0.00	39.74 1.96 0.00	41.41 2.08 0.00	44.83 2.34 0.00	50.56 2.92 -1.33	71.79 3.17 -19.85	64.58 2.91 -15.41	49.62 2.81 -0.71	45.55 2.46 0.00	41.19 2.26 0.00	37.12 2.03 0.00	36.06 1.91 0.00
NARROWS_GT1_1 24228	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
NARROWS_GT1_2 24229	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
NARROWS_GT1_3 24230	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
NARROWS_GT1_4 24231	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
NARROWS_GT1_5 24232	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
NARROWS_GT1_6 24233	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
NARROWS_GT1_7 24234	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
NARROWS_GT1_8 24235	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
NARROWS_GT2_1 24236	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01

NARROWS_GT2_2 24237	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
NARROWS_GT2_3 24238	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
NARROWS_GT2_4 24239	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
NARROWS_GT2_5 24240	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
NARROWS_GT2_6 24241	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
NARROWS_GT2_7 24242	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
NARROWS_GT2_8 24243	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.19 1.18 0.00	30.79 1.10 0.00	29.53 1.00 0.00	29.32 1.07 0.00	30.12 1.10 0.00	31.63 1.33 0.00	38.95 1.43 0.00	42.37 1.31 0.00	39.74 0.97 0.00	38.39 0.86 0.00	43.23 1.18 0.00	39.89 1.27 0.00	38.91 1.21 0.00	38.98 1.21 0.00	40.62 1.30 0.00	44.10 1.61 0.00	49.68 2.13 -1.24	69.82 2.58 -18.46	62.95 2.36 -14.33	49.06 2.30 -0.66	45.24 2.15 0.00	40.88 1.95 0.00	37.01 1.93 0.00	35.92 1.78 0.00
NCHELSEA_115KV_TR2 355582	32.35 1.33 0.00	30.85 1.16 0.00	29.61 1.08 0.00	29.35 1.10 0.00	30.06 1.04 0.00	31.66 1.36 0.00	40.19 2.66 0.00	43.93 2.87 0.00	41.52 2.75 0.00	40.16 2.63 0.00	44.95 2.90 0.00	41.43 2.82 0.00	40.38 2.68 0.00	40.42 2.64 0.00	42.19 2.87 0.00	45.72 3.23 0.00	51.63 4.31 -1.02	68.72 4.73 -15.22	62.47 4.39 -11.81	50.78 4.15 -0.55	46.58 3.49 0.00	42.17 3.23 0.00	37.96 2.88 0.00	36.78 2.63 0.00
NEG CAPITAL___MECHNVIL 23645	32.47 1.46 0.00	31.03 1.34 0.00	29.81 1.28 0.00	29.54 1.30 0.00	30.35 1.34 0.00	31.90 1.60 0.00	39.93 2.40 0.00	43.80 2.75 0.00	41.25 2.48 0.00	39.90 2.37 0.00	44.82 2.77 0.00	41.12 2.51 0.00	40.15 2.45 0.00	40.19 2.42 0.00	41.88 2.55 0.00	45.34 2.85 0.00	51.27 3.61 -1.35	72.89 4.00 -20.12	65.49 3.61 -15.62	50.31 3.50 -0.72	46.19 3.10 0.00	41.74 2.80 0.00	37.54 2.45 0.00	36.47 2.32 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.05 -0.96 0.00	28.83 -0.86 0.00	27.61 -0.91 0.00	27.40 -0.85 0.00	28.17 -0.84 0.00	29.39 -0.91 0.00	37.22 -0.30 0.00	40.40 -0.66 0.00	38.30 -0.46 0.00	37.12 -0.41 0.00	41.33 -0.72 0.00	37.61 -1.00 0.00	36.72 -0.98 0.00	36.83 -0.94 0.00	38.10 -1.22 0.00	41.43 -1.06 0.00	45.92 -0.51 -0.12	50.66 0.05 -1.84	47.04 -0.65 -1.43	45.19 -0.97 -0.07	41.67 -1.42 0.00	37.42 -1.52 0.00	33.75 -1.33 0.00	33.09 -1.06 0.00
NEG CENTRAL___DRP 24199	31.10 0.09 0.00	29.84 0.15 0.00	28.64 0.11 0.00	28.36 0.11 0.00	29.19 0.17 0.00	30.54 0.24 0.00	38.57 1.05 0.00	41.92 0.86 0.00	39.78 1.01 0.00	38.51 0.98 0.00	42.80 0.76 0.00	39.19 0.58 0.00	38.23 0.53 0.00	38.38 0.60 0.00	39.91 0.59 0.00	43.04 0.55 0.00	47.42 0.97 -0.14	52.30 1.51 -2.01	48.75 0.93 -1.56	46.81 0.65 -0.07	43.52 0.43 0.00	39.25 0.31 0.00	35.33 0.25 0.00	34.52 0.38 0.00
NEG CENTRAL___INDECK 23768	32.00 0.99 0.00	30.73 1.04 0.00	29.41 0.89 0.00	29.21 0.96 0.00	30.06 1.04 0.00	31.48 1.18 0.00	40.37 2.85 0.00	43.64 2.59 0.00	41.41 2.64 0.00	40.01 2.48 0.00	44.40 2.35 0.00	40.16 1.55 0.00	39.21 1.51 0.00	39.36 1.59 0.00	40.74 1.41 0.00	44.10 1.61 0.00	48.66 2.18 -0.17	54.62 3.32 -2.53	50.26 2.03 -1.96	47.75 1.57 -0.09	44.38 1.29 0.00	39.75 0.82 0.00	35.82 0.74 0.00	35.24 1.09 0.00
NEG CENTRAL___SENECA 23627	31.38 0.37 0.00	30.11 0.42 0.00	28.90 0.37 0.00	28.64 0.40 0.00	29.48 0.46 0.00	30.84 0.55 0.00	39.18 1.65 0.00	42.37 1.31 0.00	40.36 1.59 0.00	39.03 1.50 0.00	43.27 1.22 0.00	39.58 0.97 0.00	38.64 0.94 0.00	38.79 1.02 0.00	40.39 1.06 0.00	43.38 0.89 0.00	47.84 1.39 -0.15	53.07 2.10 -2.20	49.31 1.34 -1.71	47.18 1.01 -0.08	43.86 0.78 0.00	39.64 0.70 0.00	35.64 0.56 0.00	34.90 0.75 0.00
NEG CENTRAL___STATE_STREET 24147	31.01 0.00 0.00	29.72 0.03 0.00	28.53 0.00 0.00	28.27 0.03 0.00	29.04 0.03 0.00	30.39 0.09 0.00	38.24 0.71 0.00	41.79 0.74 0.00	39.58 0.81 0.00	38.36 0.83 0.00	42.85 0.80 0.00	39.15 0.54 0.00	38.23 0.53 0.00	38.34 0.57 0.00	39.87 0.55 0.00	43.09 0.59 0.00	47.46 1.02 -0.13	52.24 1.46 -2.00	48.79 0.97 -1.55	46.90 0.74 -0.07	43.56 0.47 0.00	39.21 0.27 0.00	35.26 0.18 0.00	34.35 0.20 0.00

NEG MILLWOOD___DRP 24198	32.50 1.49 0.00	31.00 1.31 0.00	29.75 1.23 0.00	29.49 1.24 0.00	30.14 1.13 0.00	31.78 1.48 0.00	40.38 2.85 0.00	44.30 3.24 0.00	41.95 3.18 0.00	40.61 3.08 0.00	45.41 3.36 0.00	41.78 3.17 0.00	40.72 3.02 0.00	40.76 2.98 0.00	42.59 3.26 0.00	46.14 3.65 0.00	52.15 4.82 -1.03	69.40 5.32 -15.31	63.18 5.04 -11.88	51.30 4.66 -0.55	47.10 4.01 0.00	42.52 3.58 0.00	38.24 3.16 0.00	37.02 2.87 0.00
NEG NORTH_FLCN_SEA 23793	32.59 1.58 0.00	31.30 1.60 0.00	30.10 1.57 0.00	29.74 1.50 0.00	30.67 1.65 0.00	31.90 1.61 0.00	38.31 0.79 0.00	42.00 0.94 0.00	39.47 0.70 0.00	38.24 0.71 0.00	42.85 0.80 0.00	39.46 0.85 0.00	38.49 0.79 0.00	38.53 0.76 0.00	39.99 0.67 0.00	43.00 0.51 0.00	45.71 -0.60 0.00	47.80 -0.98 0.00	45.66 -0.60 0.00	45.63 -0.46 0.00	43.61 0.52 0.00	39.52 0.58 0.00	35.33 0.25 0.00	35.07 0.92 0.00
NEG NORTH_KES_CHATEGAY 23792	32.25 1.24 0.00	30.97 1.28 0.00	29.75 1.23 0.00	29.43 1.19 0.00	30.35 1.33 0.00	31.54 1.24 0.00	38.12 0.60 0.00	41.79 0.74 0.00	39.27 0.50 0.00	38.06 0.53 0.00	42.59 0.55 0.00	39.23 0.62 0.00	38.30 0.60 0.00	38.34 0.57 0.00	39.84 0.51 0.00	42.87 0.38 0.00	45.84 -0.46 0.00	47.94 -0.83 0.00	45.84 -0.42 0.00	45.81 -0.28 0.00	43.48 0.39 0.00	39.44 0.51 0.00	35.26 0.18 0.00	34.73 0.58 0.00
NEG NORTH___ALICE_FALLS 23915	32.75 1.74 0.00	31.48 1.78 0.00	30.24 1.71 0.00	29.88 1.64 0.00	30.84 1.83 0.00	32.12 1.82 0.00	38.72 1.20 0.00	42.49 1.44 0.00	39.89 1.12 0.00	38.66 1.13 0.00	43.27 1.22 0.00	39.85 1.24 0.00	38.87 1.17 0.00	38.94 1.17 0.00	40.42 1.10 0.00	43.51 1.02 0.00	46.45 0.14 0.00	48.63 -0.15 0.00	46.45 0.19 0.00	46.37 0.28 0.00	44.08 0.99 0.00	39.99 1.05 0.00	35.64 0.56 0.00	35.27 1.13 0.00
NEG NORTH___LWR_SARANAC 23913	32.75 1.74 0.00	31.48 1.78 0.00	30.24 1.71 0.00	29.88 1.64 0.00	30.84 1.83 0.00	32.12 1.82 0.00	38.72 1.20 0.00	42.49 1.44 0.00	39.89 1.12 0.00	38.66 1.13 0.00	43.27 1.22 0.00	39.85 1.24 0.00	38.87 1.17 0.00	38.94 1.17 0.00	40.42 1.10 0.00	43.51 1.02 0.00	46.45 0.14 0.00	48.63 -0.15 0.00	46.45 0.19 0.00	46.37 0.28 0.00	44.08 0.99 0.00	39.99 1.05 0.00	35.64 0.56 0.00	35.27 1.13 0.00
NEG NORTH___PLATTSBURG 23628	32.75 1.74 0.00	31.48 1.78 0.00	30.24 1.71 0.00	29.88 1.64 0.00	30.84 1.83 0.00	32.08 1.79 0.00	38.72 1.20 0.00	42.49 1.44 0.00	39.89 1.12 0.00	38.66 1.12 0.00	43.27 1.22 0.00	39.85 1.24 0.00	38.87 1.17 0.00	38.94 1.17 0.00	40.42 1.10 0.00	43.51 1.02 0.00	46.49 0.19 0.00	48.63 -0.15 0.00	46.45 0.19 0.00	46.37 0.28 0.00	44.08 0.99 0.00	39.99 1.05 0.00	35.68 0.60 0.00	35.27 1.13 0.00
NEG WEST_LEA_LOCKPORT 23791	30.58 -0.43 0.00	29.46 -0.24 0.00	28.16 -0.37 0.00	28.05 -0.20 0.00	28.84 -0.17 0.00	29.99 -0.30 0.00	38.24 0.71 0.00	40.56 -0.49 0.00	38.53 -0.23 0.00	37.27 -0.26 0.00	41.38 -0.67 0.00	37.22 -1.39 0.00	36.42 -1.28 0.00	36.52 -1.25 0.00	37.95 -1.38 0.00	40.96 -1.53 0.00	44.81 -1.62 -0.13	49.88 -0.68 -1.79	45.71 -1.94 -1.39	43.81 -2.35 -0.07	40.98 -2.11 0.00	36.76 -2.18 0.00	33.29 -1.79 0.00	33.29 -0.85 0.00
NEG WEST___LANCASTR 23811	32.07 1.05 0.00	30.85 1.16 0.00	29.55 1.03 0.00	29.40 1.16 0.00	30.20 1.19 0.00	31.48 1.18 0.00	40.30 2.78 0.00	42.86 1.81 0.00	40.67 1.90 0.00	39.26 1.73 0.00	43.60 1.56 0.00	39.35 0.73 0.00	38.49 0.79 0.00	38.60 0.83 0.00	40.11 0.79 0.00	43.26 0.76 0.00	44.79 -1.67 -0.15	50.11 -0.78 -2.12	45.83 -2.08 -1.65	43.77 -2.40 -0.08	43.43 0.34 0.00	39.01 0.08 0.00	35.22 0.14 0.00	35.07 0.92 0.00
NEG_PENN_ALLEGHNY 23528	31.41 0.40 0.00	30.11 0.42 0.00	28.90 0.37 0.00	28.64 0.40 0.00	29.42 0.41 0.00	30.78 0.48 0.00	38.76 1.24 0.00	42.25 1.19 0.00	39.97 1.20 0.00	38.66 1.12 0.00	43.18 1.14 0.00	39.50 0.89 0.00	38.57 0.87 0.00	38.64 0.87 0.00	40.19 0.86 0.00	43.55 1.06 0.00	47.90 1.25 -0.34	55.50 1.71 -5.02	51.31 1.16 -3.90	47.28 1.01 -0.18	44.08 0.99 0.00	39.71 0.78 0.00	35.78 0.70 0.00	34.90 0.75 0.00
NEG___GEN_MONROE 24207	30.79 -0.22 0.00	29.61 -0.09 0.00	28.33 -0.20 0.00	28.10 -0.14 0.00	28.90 -0.12 0.00	30.18 -0.12 0.00	38.24 0.71 0.00	41.18 0.12 0.00	39.08 0.31 0.00	37.79 0.26 0.00	42.09 0.04 0.00	38.11 -0.50 0.00	37.17 -0.53 0.00	37.20 -0.57 0.00	38.69 -0.63 0.00	41.73 -0.76 0.00	46.29 -0.14 -0.13	51.22 0.59 -1.87	47.52 -0.19 -1.45	45.60 -0.55 -0.07	42.05 -1.03 0.00	37.88 -1.05 0.00	34.21 -0.88 0.00	33.81 -0.34 0.00
NEPA___ENERGY 23901	31.35 0.34 0.00	30.17 0.48 0.00	28.90 0.37 0.00	28.75 0.51 0.00	29.56 0.55 0.00	30.81 0.52 0.00	39.40 1.88 0.00	42.00 0.94 0.00	39.78 1.01 0.00	38.47 0.94 0.00	42.68 0.63 0.00	38.54 -0.08 0.00	37.70 0.00 0.00	37.81 0.04 0.00	39.25 -0.08 0.00	42.32 -0.17 0.00	45.72 -0.74 -0.16	51.28 0.24 -2.27	46.91 -1.11 -1.76	44.70 -1.47 -0.09	42.53 -0.56 0.00	38.23 -0.70 0.00	34.52 -0.56 0.00	34.32 0.17 0.00
NEVERSINK___HYD 23608	32.13 1.11 0.00	30.64 0.95 0.00	29.44 0.91 0.00	29.15 0.90 0.00	29.91 0.90 0.00	31.45 1.15 0.00	39.93 2.40 0.00	43.56 2.50 0.00	41.09 2.33 0.00	39.71 2.18 0.00	44.40 2.35 0.00	40.93 2.32 0.00	39.89 2.19 0.00	39.89 2.11 0.00	41.76 2.44 0.00	45.21 2.72 0.00	50.97 3.75 -0.91	66.71 4.29 -13.65	60.74 3.89 -10.59	50.18 3.60 -0.49	46.06 2.97 0.00	41.74 2.80 0.00	37.54 2.45 0.00	36.37 2.22 0.00
NEWKRMKL_115KV_TB1 55635	31.51 0.50 0.00	30.11 0.42 0.00	28.90 0.37 0.00	28.64 0.40 0.00	29.39 0.38 0.00	30.87 0.58 0.00	38.12 0.60 0.00	41.71 0.66 0.00	39.35 0.58 0.00	38.09 0.56 0.00	43.02 0.97 0.00	39.62 1.00 0.00	38.68 0.98 0.00	38.75 0.98 0.00	40.31 0.98 0.00	43.64 1.15 0.00	49.16 1.53 -1.32	70.21 1.71 -19.73	63.05 1.48 -15.31	48.27 1.47 -0.71	44.38 1.29 0.00	40.14 1.21 0.00	36.28 1.19 0.00	35.17 1.02 0.00
NEWTON___FALLS_HYD 23847	30.95 -0.06 0.00	29.78 0.09 0.00	28.64 0.11 0.00	28.33 0.08 0.00	29.16 0.15 0.00	30.24 -0.06 0.00	37.07 -0.45 0.00	40.81 -0.25 0.00	38.38 -0.39 0.00	37.08 -0.45 0.00	41.71 -0.34 0.00	38.38 -0.23 0.00	37.44 -0.26 0.00	37.58 -0.19 0.00	39.17 -0.16 0.00	41.98 -0.51 0.00	45.69 -0.65 -0.03	48.30 -0.93 -0.46	46.06 -0.56 -0.36	45.46 -0.65 -0.02	42.66 -0.43 0.00	38.70 -0.23 0.00	34.77 -0.32 0.00	33.91 -0.24 0.00
NGRID_A1_DSASP 323792	29.87 -1.15 0.00	28.74 -0.95 0.00	27.61 -0.91 0.00	27.40 -0.85 0.00	28.14 -0.87 0.00	29.27 -1.03 0.00	37.26 -0.26 0.00	39.45 -1.60 0.00	37.49 -1.28 0.00	36.33 -1.20 0.00	40.20 -1.85 0.00	36.22 -2.39 0.00	35.44 -2.26 0.00	35.54 -2.23 0.00	36.45 -2.87 0.00	39.81 -2.68 0.00	43.65 -2.78 -0.12	48.56 -1.90 -1.69	44.52 -3.05 -1.31	42.80 -3.36 -0.07	39.81 -3.28 0.00	35.70 -3.23 0.00	32.42 -2.67 0.00	32.37 -1.78 0.00

NGRID_A2_DSASP 323793	29.87 -1.15 0.00	28.74 -0.95 0.00	27.61 -0.91 0.00	27.40 -0.85 0.00	28.14 -0.87 0.00	29.27 -1.03 0.00	37.26 -0.26 0.00	39.45 -1.60 0.00	37.49 -1.28 0.00	36.33 -1.20 0.00	40.20 -1.85 0.00	36.22 -2.39 0.00	35.44 -2.26 0.00	35.54 -2.23 0.00	36.45 -2.87 0.00	39.81 -2.68 0.00	43.65 -2.78 -0.12	48.56 -1.90 -1.69	44.52 -3.05 -1.31	42.80 -3.36 -0.07	39.81 -3.28 0.00	35.70 -3.23 0.00	32.42 -2.67 0.00	32.37 -1.78 0.00
NGRID_A4_DSASP 323807	29.87 -1.15 0.00	28.74 -0.95 0.00	27.61 -0.91 0.00	27.40 -0.85 0.00	28.14 -0.87 0.00	29.27 -1.03 0.00	37.26 -0.26 0.00	39.45 -1.60 0.00	37.49 -1.28 0.00	36.33 -1.20 0.00	40.20 -1.85 0.00	36.22 -2.39 0.00	35.44 -2.26 0.00	35.54 -2.23 0.00	36.45 -2.87 0.00	39.81 -2.68 0.00	43.65 -2.78 -0.12	48.56 -1.90 -1.69	44.52 -3.05 -1.31	42.80 -3.36 -0.07	39.81 -3.28 0.00	35.70 -3.23 0.00	32.42 -2.67 0.00	32.37 -1.78 0.00
NIAGARA_115E_LBMP 323715	30.02 -0.99 0.00	28.95 -0.74 0.00	27.64 -0.88 0.00	27.60 -0.65 0.00	28.35 -0.67 0.00	29.51 -0.79 0.00	37.45 -0.07 0.00	39.70 -1.35 0.00	37.68 -1.09 0.00	36.52 -1.01 0.00	40.45 -1.60 0.00	36.41 -2.20 0.00	35.63 -2.07 0.00	35.77 -2.00 0.00	36.65 -2.68 0.00	40.02 -2.47 0.00	43.79 -2.64 -0.12	48.78 -1.75 -1.76	44.67 -2.96 -1.37	42.93 -3.23 -0.07	40.07 -3.02 0.00	35.90 -3.04 0.00	32.59 -2.49 0.00	32.51 -1.64 0.00
NIAGARA_115W_LBMP 323714	29.77 -1.24 0.00	28.65 -1.04 0.00	27.56 -0.97 0.00	27.31 -0.93 0.00	28.08 -0.93 0.00	29.18 -1.12 0.00	37.15 -0.38 0.00	39.33 -1.72 0.00	37.37 -1.39 0.00	36.22 -1.31 0.00	40.11 -1.93 0.00	36.10 -2.51 0.00	35.33 -2.37 0.00	35.47 -2.31 0.00	36.33 -2.99 0.00	39.68 -2.81 0.00	43.56 -2.87 -0.12	48.40 -2.05 -1.68	44.37 -3.19 -1.30	42.65 -3.50 -0.07	39.73 -3.36 0.00	35.59 -3.35 0.00	32.35 -2.74 0.00	32.27 -1.88 0.00
NIAGARA_230_LBMP 323716	30.24 -0.77 0.00	29.07 -0.62 0.00	27.87 -0.66 0.00	27.71 -0.54 0.00	28.49 -0.52 0.00	29.63 -0.67 0.00	37.67 0.15 0.00	39.95 -1.11 0.00	37.95 -0.82 0.00	36.78 -0.75 0.00	40.74 -1.30 0.00	36.72 -1.89 0.00	35.93 -1.77 0.00	36.03 -1.74 0.00	36.97 -2.36 0.00	40.32 -2.17 0.00	44.20 -2.22 -0.12	49.11 -1.27 -1.60	45.05 -2.45 -1.25	43.34 -2.81 -0.07	40.38 -2.71 0.00	36.21 -2.73 0.00	32.87 -2.21 0.00	32.78 -1.37 0.00
NIAGARA__115KV_198_GIBSON 55903	29.77 -1.24 0.00	28.66 -1.04 0.00	27.56 -0.97 0.00	27.31 -0.93 0.00	28.08 -0.93 0.00	29.18 -1.12 0.00	37.15 -0.38 0.00	39.33 -1.72 0.00	37.37 -1.40 0.00	36.18 -1.35 0.00	40.11 -1.93 0.00	36.10 -2.51 0.00	35.32 -2.38 0.00	35.43 -2.34 0.00	36.81 -2.52 0.00	39.69 -2.80 0.00	43.65 -2.78 -0.12	48.41 -2.05 -1.69	44.38 -3.19 -1.31	42.66 -3.50 -0.07	39.73 -3.36 0.00	35.70 -3.23 0.00	32.35 -2.74 0.00	32.41 -1.74 0.00
NIAGARA____ 23760	30.24 -0.77 0.00	29.07 -0.62 0.00	27.87 -0.66 0.00	27.71 -0.54 0.00	28.49 -0.52 0.00	29.63 -0.67 0.00	37.67 0.15 0.00	39.95 -1.11 0.00	37.95 -0.82 0.00	36.78 -0.75 0.00	40.74 -1.30 0.00	36.72 -1.89 0.00	35.93 -1.77 0.00	36.03 -1.74 0.00	36.97 -2.36 0.00	40.32 -2.17 0.00	44.20 -2.22 -0.12	49.17 -1.27 -1.67	45.10 -2.45 -1.30	43.34 -2.81 -0.07	40.38 -2.71 0.00	36.21 -2.73 0.00	32.87 -2.21 0.00	32.78 -1.37 0.00
NINE_MILE_1 23575	29.96 -1.05 0.00	28.72 -0.98 0.00	27.56 -0.97 0.00	27.31 -0.93 0.00	28.06 -0.96 0.00	29.24 -1.06 0.00	36.43 -1.09 0.00	39.78 -1.27 0.00	37.61 -1.16 0.00	36.41 -1.12 0.00	40.74 -1.30 0.00	37.34 -1.27 0.00	36.42 -1.28 0.00	36.53 -1.25 0.00	37.99 -1.34 0.00	41.09 -1.40 0.00	45.08 -1.30 -0.07	48.59 -1.17 -0.98	45.68 -1.34 -0.76	44.70 -1.43 -0.04	41.62 -1.47 0.00	37.54 -1.40 0.00	33.85 -1.23 0.00	32.99 -1.16 0.00
NINE_MILE_2 23744	29.96 -1.05 0.00	28.72 -0.98 0.00	27.56 -0.97 0.00	27.31 -0.93 0.00	28.06 -0.96 0.00	29.24 -1.06 0.00	36.43 -1.09 0.00	39.78 -1.27 0.00	37.61 -1.16 0.00	36.41 -1.12 0.00	40.74 -1.30 0.00	37.34 -1.27 0.00	36.46 -1.24 0.00	36.53 -1.25 0.00	37.99 -1.34 0.00	41.09 -1.40 0.00	45.08 -1.30 -0.07	48.58 -1.17 -0.98	45.68 -1.34 -0.76	44.70 -1.43 -0.04	41.62 -1.47 0.00	37.54 -1.40 0.00	33.85 -1.23 0.00	32.99 -1.16 0.00
NM_CAPITAL____DRP 24208	31.63 0.62 0.00	30.23 0.53 0.00	29.01 0.48 0.00	28.75 0.51 0.00	29.51 0.49 0.00	30.99 0.70 0.00	38.20 0.68 0.00	41.79 0.74 0.00	39.39 0.62 0.00	38.17 0.64 0.00	43.10 1.05 0.00	39.69 1.08 0.00	38.76 1.06 0.00	38.83 1.06 0.00	40.39 1.06 0.00	43.72 1.23 0.00	49.25 1.62 -1.32	70.26 1.80 -19.68	63.11 1.57 -15.28	48.36 1.57 -0.71	44.47 1.38 0.00	40.22 1.28 0.00	36.35 1.26 0.00	35.21 1.06 0.00
NM_CENTRAL____DRP 24181	30.61 -0.40 0.00	29.34 -0.36 0.00	28.16 -0.37 0.00	27.88 -0.37 0.00	28.64 -0.38 0.00	29.87 -0.42 0.00	37.34 -0.19 0.00	40.81 -0.25 0.00	38.57 -0.19 0.00	37.38 -0.15 0.00	41.80 -0.25 0.00	38.27 -0.35 0.00	37.36 -0.34 0.00	37.43 -0.34 0.00	38.97 -0.35 0.00	42.15 -0.34 0.00	46.36 -0.05 -0.10	50.45 0.24 -1.43	47.28 -0.09 -1.11	45.86 -0.28 -0.05	42.66 -0.43 0.00	38.47 -0.47 0.00	34.63 -0.46 0.00	33.74 -0.41 0.00
NM_FRONTIER____DRP 24179	29.77 -1.24 0.00	28.66 -1.04 0.00	27.56 -0.97 0.00	27.31 -0.93 0.00	28.08 -0.93 0.00	29.18 -1.12 0.00	37.15 -0.38 0.00	39.33 -1.72 0.00	37.37 -1.40 0.00	36.18 -1.35 0.00	40.11 -1.93 0.00	36.10 -2.51 0.00	35.32 -2.38 0.00	35.43 -2.34 0.00	36.81 -2.52 0.00	39.69 -2.80 0.00	43.65 -2.78 -0.12	48.41 -2.05 -1.69	44.38 -3.19 -1.31	42.66 -3.50 -0.07	39.73 -3.36 0.00	35.70 -3.23 0.00	32.35 -2.74 0.00	32.41 -1.74 0.00
NM_ST_REGIS____HYD 24053	31.60 0.59 0.00	30.47 0.77 0.00	29.30 0.77 0.00	28.95 0.71 0.00	29.83 0.81 0.00	30.78 0.48 0.00	37.26 -0.26 0.00	40.93 -0.12 0.00	38.53 -0.23 0.00	37.31 -0.23 0.00	42.01 -0.04 0.00	38.73 0.12 0.00	37.81 0.11 0.00	37.92 0.15 0.00	39.48 0.16 0.00	42.15 -0.34 0.00	45.20 -1.11 0.00	46.87 -1.90 0.00	45.20 -1.06 0.00	45.12 -0.97 0.00	42.66 -0.43 0.00	38.90 -0.04 0.00	34.94 -0.14 0.00	34.18 0.03 0.00
NORTHPORT____1 23551	34.91 2.61 -1.29	34.20 2.29 -2.22	32.34 2.25 -1.56	30.69 2.17 -0.28	31.59 2.20 -0.38	34.35 2.57 -1.48	42.93 4.16 -1.24	47.13 4.35 -1.73	44.59 4.42 -1.40	42.94 4.28 -1.13	48.54 4.50 -1.99	43.59 4.21 -0.76	43.01 3.96 -1.35	42.83 3.93 -1.13	44.54 4.40 -0.82	48.69 4.76 -1.44	53.95 5.88 -1.76	70.49 6.29 -15.42	64.85 5.83 -12.76	54.62 5.62 -2.91	50.46 4.82 -2.54	44.88 4.59 -1.35	40.61 4.46 -1.07	39.50 4.13 -1.23
NORTHPORT____2 23552	34.91 2.61 -1.29	34.20 2.29 -2.22	32.34 2.25 -1.56	30.69 2.17 -0.28	31.59 2.20 -0.38	34.35 2.57 -1.48	42.93 4.16 -1.24	47.13 4.35 -1.73	44.59 4.42 -1.40	42.94 4.28 -1.13	48.54 4.50 -1.99	43.59 4.21 -0.76	43.01 3.96 -1.35	42.83 3.93 -1.13	44.54 4.40 -0.82	48.69 4.76 -1.44	53.95 5.88 -1.76	70.49 6.29 -15.42	64.85 5.83 -12.76	54.62 5.62 -2.91	50.46 4.82 -2.54	44.88 4.59 -1.35	40.61 4.46 -1.07	39.50 4.13 -1.23

NORTHPORT___3 23553	34.49 2.23 -1.24	33.79 1.96 -2.14	31.95 1.91 -1.51	30.34 1.83 -0.27	31.21 1.83 -0.36	33.93 2.21 -1.43	42.55 3.79 -1.23	46.87 4.10 -1.72	44.31 4.15 -1.40	42.60 3.94 -1.13	48.43 4.45 -1.93	43.52 4.17 -0.74	42.93 3.92 -1.30	42.79 3.93 -1.09	44.40 4.29 -0.79	48.47 4.55 -1.43	53.71 5.65 -1.75	70.24 6.05 -15.42	64.70 5.69 -12.75	54.43 5.44 -2.90	50.23 4.61 -2.53	44.68 4.40 -1.34	40.25 4.10 -1.06	39.16 3.82 -1.18
NORTHPORT___4 23650	34.49 2.23 -1.24	33.79 1.96 -2.14	31.95 1.91 -1.51	30.34 1.83 -0.27	31.21 1.83 -0.36	33.93 2.21 -1.43	42.55 3.79 -1.23	46.87 4.10 -1.72	44.31 4.15 -1.40	42.60 3.94 -1.13	48.43 4.45 -1.93	43.52 4.17 -0.74	42.93 3.92 -1.30	42.79 3.93 -1.09	44.40 4.29 -0.79	48.47 4.55 -1.43	53.71 5.65 -1.75	70.24 6.05 -15.42	64.70 5.69 -12.75	54.43 5.44 -2.90	50.23 4.61 -2.53	44.68 4.40 -1.34	40.25 4.10 -1.06	39.16 3.82 -1.18
NORTHPORT___IC 23718	34.91 2.61 -1.29	34.20 2.29 -2.22	32.34 2.25 -1.56	30.69 2.17 -0.28	31.59 2.20 -0.38	34.35 2.57 -1.48	42.93 4.16 -1.24	47.13 4.35 -1.73	44.59 4.42 -1.40	42.94 4.28 -1.13	48.54 4.50 -1.99	43.59 4.21 -0.76	43.01 3.96 -1.35	42.83 3.93 -1.13	44.54 4.40 -0.82	48.69 4.76 -1.44	53.95 5.88 -1.76	70.49 6.29 -15.42	64.85 5.83 -12.76	54.62 5.62 -2.91	50.46 4.82 -2.54	44.88 4.59 -1.35	40.61 4.46 -1.07	39.50 4.13 -1.23
NORTH___COUNTRY_ESR 323785	32.10 1.08 0.00	30.82 1.13 0.00	29.64 1.11 0.00	29.29 1.05 0.00	30.20 1.19 0.00	31.42 1.12 0.00	37.94 0.41 0.00	41.63 0.57 0.00	39.12 0.35 0.00	37.91 0.38 0.00	42.47 0.42 0.00	39.11 0.50 0.00	38.15 0.45 0.00	38.23 0.45 0.00	39.68 0.35 0.00	42.66 0.17 0.00	45.66 -0.65 0.00	47.65 -1.12 0.00	45.61 -0.65 0.00	45.58 -0.51 0.00	43.26 0.17 0.00	39.25 0.31 0.00	35.15 0.07 0.00	34.59 0.44 0.00
NPX_GEN_1385_PROXY 323591	35.59 3.29 -1.29	34.70 2.79 -2.22	33.00 2.91 -1.56	31.40 2.88 -0.28	32.32 2.93 -0.38	37.65 3.09 -4.27	42.20 4.73 0.05	53.78 5.01 -7.72	46.60 5.04 -2.79	43.28 4.61 -1.13	48.71 4.67 -1.99	43.74 4.36 -0.76	43.16 4.11 -1.35	43.06 4.15 -1.13	44.94 4.80 -0.82	49.25 5.31 -1.44	58.43 6.57 -5.55	73.26 6.88 -17.61	65.08 6.06 -12.76	55.09 6.08 -2.91	50.84 5.21 -2.54	46.25 5.18 -2.14	41.46 4.98 -1.40	39.98 4.61 -1.23
NPX_GEN_CSC 323557	35.80 3.26 -1.54	35.19 2.85 -2.64	33.19 2.80 -1.86	31.23 2.65 -0.33	32.16 2.70 -0.45	38.09 3.24 -4.55	41.43 5.21 1.31	48.85 5.75 -2.05	46.02 5.58 -1.67	44.13 5.25 -1.35	50.14 5.72 -2.38	44.82 5.29 -0.91	44.21 4.90 -1.61	44.00 4.87 -1.35	45.85 5.55 -0.98	50.33 6.12 -1.72	55.72 7.50 -1.91	72.44 8.15 -15.53	66.88 7.63 -12.99	56.81 7.37 -3.35	52.51 6.42 -3.00	46.50 5.96 -1.61	41.73 5.37 -1.28	40.49 4.88 -1.46
NSINS_S_GLNS_FALLS 23858	32.28 1.27 0.00	30.85 1.16 0.00	29.64 1.11 0.00	29.40 1.16 0.00	30.20 1.19 0.00	31.81 1.51 0.00	39.93 2.40 0.00	43.85 2.79 0.00	41.25 2.48 0.00	39.78 2.25 0.00	44.70 2.65 0.00	40.81 2.20 0.00	39.77 2.07 0.00	39.74 1.96 0.00	41.33 2.01 0.00	44.74 2.25 0.00	50.81 3.15 -1.36	72.62 3.61 -20.24	65.07 3.10 -15.71	49.77 2.95 -0.73	45.67 2.59 0.00	41.51 2.57 0.00	37.26 2.18 0.00	36.30 2.15 0.00
NUCOR_STEEL___DRP 24197	31.04 0.03 0.00	29.75 0.06 0.00	28.56 0.03 0.00	28.27 0.03 0.00	29.07 0.06 0.00	30.36 0.06 0.00	38.16 0.64 0.00	41.67 0.62 0.00	39.39 0.62 0.00	38.13 0.60 0.00	42.64 0.59 0.00	39.00 0.39 0.00	38.08 0.38 0.00	38.15 0.38 0.00	39.76 0.43 0.00	43.00 0.51 0.00	47.36 0.93 -0.13	52.02 1.32 -1.93	48.63 0.88 -1.49	46.80 0.65 -0.07	43.52 0.43 0.00	39.21 0.27 0.00	35.26 0.18 0.00	34.39 0.24 0.00
NUMBER_THREE_WT_PWR 323818	31.17 0.16 0.00	29.90 0.21 0.00	28.78 0.26 0.00	28.44 0.20 0.00	29.27 0.26 0.00	30.57 0.27 0.00	38.01 0.49 0.00	41.79 0.74 0.00	39.27 0.50 0.00	37.94 0.41 0.00	42.51 0.46 0.00	39.04 0.43 0.00	38.08 0.38 0.00	38.23 0.45 0.00	39.87 0.55 0.00	43.04 0.55 0.00	47.28 0.93 -0.04	50.67 1.27 -0.63	47.76 1.02 -0.49	46.94 0.83 -0.02	43.78 0.69 0.00	39.44 0.50 0.00	35.43 0.35 0.00	34.49 0.34 0.00
NYISO_LBMP_REFERENCE 24008	31.01 0.00 0.00	29.69 0.00 0.00	28.53 0.00 0.00	28.24 0.00 0.00	29.01 0.00 0.00	30.30 0.00 0.00	37.52 0.00 0.00	41.05 0.00 0.00	38.77 0.00 0.00	37.53 0.00 0.00	42.05 0.00 0.00	38.61 0.00 0.00	37.70 0.00 0.00	37.77 0.00 0.00	39.32 0.00 0.00	42.49 0.00 0.00	46.31 0.00 0.00	48.77 0.00 0.00	46.26 0.00 0.00	46.09 0.00 0.00	43.09 0.00 0.00	38.94 0.00 0.00	35.08 0.00 0.00	34.15 0.00 0.00
NYPA_BRENTWD____GT 24164	35.76 2.91 -1.84	35.40 2.55 -3.16	33.26 2.51 -2.23	31.04 2.40 -0.40	31.99 2.44 -0.54	35.28 2.88 -2.11	43.94 4.65 -1.76	48.55 5.05 -2.44	45.80 5.04 -1.99	43.91 4.77 -1.61	50.02 5.13 -2.84	44.49 4.79 -1.09	44.11 4.48 -1.93	43.88 4.49 -1.62	45.53 5.03 -1.17	49.98 5.44 -2.05	55.10 6.71 -2.08	71.62 7.22 -15.63	66.20 6.71 -13.24	56.45 6.50 -3.86	52.24 5.60 -3.55	46.11 5.25 -1.92	41.52 4.91 -1.52	40.40 4.51 -1.75
NYPA_GOWANUS____GT5 24156	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
NYPA_GOWANUS____GT6 24157	32.50 1.49 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.34 1.10 0.00	30.09 1.07 0.00	31.66 1.36 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.95 3.18 0.00	40.68 3.15 0.00	45.54 3.49 0.00	41.78 3.17 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.51 3.18 0.00	45.81 3.32 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.58 3.49 0.00	42.36 3.43 0.00	38.31 3.23 0.00	37.29 3.14 -0.01
NYPA_HARLEM__RVR__GT1 24160	32.22 1.21 0.00	30.64 0.95 0.00	29.44 0.91 0.00	29.03 0.79 0.00	29.80 0.78 0.00	31.36 1.06 0.00	39.89 2.37 0.00	43.71 2.67 0.01	41.40 2.64 0.01	40.15 2.63 0.01	45.20 3.16 0.00	41.63 3.01 0.00	40.53 2.83 0.00	40.61 2.83 0.00	42.39 3.07 0.00	45.68 3.19 0.00	51.79 4.49 -1.00	68.38 4.73 -14.88	62.53 4.72 -11.55	51.09 4.47 -0.54	46.45 3.36 0.00	42.32 3.39 0.00	38.28 3.19 0.00	37.40 3.25 -0.01
NYPA_HARLEM__RVR__GT2 24161	32.22 1.21 0.00	30.64 0.95 0.00	29.44 0.91 0.00	29.03 0.79 0.00	29.80 0.78 0.00	31.36 1.06 0.00	39.89 2.37 0.00	43.71 2.67 0.01	41.40 2.64 0.01	40.15 2.63 0.01	45.20 3.16 0.00	41.63 3.01 0.00	40.53 2.83 0.00	40.61 2.83 0.00	42.39 3.07 0.00	45.68 3.19 0.00	51.79 4.49 -1.00	68.38 4.73 -14.88	62.53 4.72 -11.55	51.09 4.47 -0.54	46.45 3.36 0.00	42.32 3.39 0.00	38.28 3.19 0.00	37.40 3.25 -0.01

NYPA_KENT____GT 24152	32.44 1.43 0.00	30.88 1.19 0.00	29.67 1.14 0.00	29.29 1.05 0.00	30.03 1.01 0.00	31.63 1.33 0.00	40.30 2.78 0.00	44.22 3.16 0.00	41.87 3.10 0.00	40.61 3.08 0.00	45.54 3.49 0.00	41.82 3.20 0.00	40.72 3.02 0.00	40.75 2.98 0.00	42.59 3.26 0.00	45.89 3.40 0.00	52.08 4.77 -1.00	68.63 4.98 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.62 3.53 0.00	42.40 3.46 0.00	38.35 3.26 0.00	37.26 3.11 -0.01
NYPA_POUCH1____GT 24155	32.53 1.52 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.38 1.13 0.00	30.12 1.10 0.00	31.69 1.39 0.00	40.37 2.85 0.00	44.26 3.20 0.00	41.91 3.14 0.00	40.64 3.11 0.00	45.50 3.45 0.00	41.63 3.01 0.00	40.42 2.72 0.00	40.49 2.72 0.00	42.31 2.99 0.00	45.59 3.10 0.00	51.85 4.54 -1.00	68.38 4.73 -14.88	62.48 4.67 -11.55	51.05 4.43 -0.54	46.36 3.27 0.00	42.21 3.27 0.00	38.20 3.12 0.00	37.19 3.04 -0.01
NYPA_VERNON____GT2 24162	32.37 1.36 0.00	30.82 1.13 0.00	29.61 1.08 0.00	29.23 0.99 0.00	30.00 0.99 0.00	31.60 1.30 0.00	40.23 2.70 0.00	44.13 3.08 0.00	41.83 3.06 0.00	40.57 3.04 0.00	45.50 3.45 0.00	41.86 3.24 0.00	40.79 3.09 0.00	40.83 3.06 0.00	42.63 3.30 0.00	45.98 3.48 0.00	52.08 4.77 -1.00	68.67 5.02 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.71 3.62 0.00	42.44 3.51 0.00	38.35 3.26 0.00	37.26 3.11 -0.01
NYPA_VERNON____GT3 24163	32.37 1.36 0.00	30.82 1.13 0.00	29.61 1.08 0.00	29.23 0.99 0.00	30.00 0.99 0.00	31.60 1.30 0.00	40.23 2.70 0.00	44.13 3.08 0.00	41.83 3.06 0.00	40.57 3.04 0.00	45.50 3.45 0.00	41.86 3.24 0.00	40.79 3.09 0.00	40.83 3.06 0.00	42.63 3.30 0.00	45.98 3.48 0.00	52.08 4.77 -1.00	68.67 5.02 -14.88	62.66 4.86 -11.55	51.23 4.61 -0.54	46.71 3.62 0.00	42.44 3.51 0.00	38.35 3.26 0.00	37.26 3.11 -0.01
NYPA____ASTORIA_CC1 323568	32.34 1.33 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.21 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.15 2.63 0.00	44.05 3.00 0.00	41.75 2.99 0.00	40.50 2.96 0.00	45.41 3.37 0.00	41.82 3.20 0.00	40.72 3.02 0.00	40.75 2.98 0.00	42.59 3.26 0.00	45.89 3.40 0.00	52.03 4.73 -1.00	68.57 4.92 -14.88	62.57 4.77 -11.55	51.14 4.52 -0.54	46.66 3.57 0.00	42.44 3.51 0.00	38.31 3.23 0.00	37.26 3.11 -0.01
NYPA____ASTORIA_CC2 323569	32.34 1.33 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.21 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.15 2.63 0.00	44.05 3.00 0.00	41.75 2.99 0.00	40.50 2.96 0.00	45.41 3.37 0.00	41.82 3.20 0.00	40.72 3.02 0.00	40.75 2.98 0.00	42.59 3.26 0.00	45.89 3.40 0.00	52.03 4.73 -1.00	68.57 4.92 -14.88	62.57 4.77 -11.55	51.14 4.52 -0.54	46.66 3.57 0.00	42.44 3.51 0.00	38.31 3.23 0.00	37.26 3.11 -0.01
NYPA____HOLTSVILL 23794	35.34 2.82 -1.51	34.76 2.46 -2.60	32.78 2.42 -1.83	30.88 2.32 -0.32	31.80 2.35 -0.44	34.82 2.79 -1.73	43.56 4.58 -1.46	48.04 4.97 -2.02	45.34 4.92 -1.64	43.51 4.65 -1.33	49.43 5.04 -2.34	44.22 4.71 -0.90	43.69 4.41 -1.58	43.48 4.38 -1.33	45.20 4.91 -0.96	49.54 5.35 -1.69	54.83 6.62 -1.90	71.41 7.12 -15.51	65.89 6.66 -12.96	55.80 6.40 -3.31	51.56 5.52 -2.95	45.70 5.18 -1.58	41.15 4.81 -1.26	39.99 4.41 -1.44
NYPA____HELLGATE_GT1 24158	32.19 1.18 0.00	30.58 0.89 0.00	29.38 0.86 0.00	29.01 0.76 0.00	29.74 0.73 0.00	31.33 1.03 0.00	39.85 2.33 0.00	43.68 2.63 0.01	41.32 2.56 0.01	40.08 2.55 0.01	45.16 3.11 0.00	41.59 2.97 0.00	40.53 2.83 0.00	40.57 2.80 0.00	42.39 3.07 0.00	45.63 3.14 0.00	51.75 4.45 -1.00	68.33 4.68 -14.88	62.53 4.72 -11.55	51.05 4.43 -0.54	46.41 3.32 0.00	42.28 3.35 0.00	38.28 3.19 0.00	37.43 3.28 -0.01
NYPA____HELLGATE_GT2 24159	32.19 1.18 0.00	30.58 0.89 0.00	29.38 0.86 0.00	29.01 0.76 0.00	29.74 0.73 0.00	31.33 1.03 0.00	39.85 2.33 0.00	43.68 2.63 0.01	41.32 2.56 0.01	40.08 2.55 0.01	45.16 3.11 0.00	41.59 2.97 0.00	40.53 2.83 0.00	40.57 2.80 0.00	42.39 3.07 0.00	45.63 3.14 0.00	51.75 4.45 -1.00	68.33 4.68 -14.88	62.53 4.72 -11.55	51.05 4.43 -0.54	46.41 3.32 0.00	42.28 3.35 0.00	38.28 3.19 0.00	37.43 3.28 -0.01
NYS_BARGE____HYD 23848	30.58 -0.43 0.00	29.46 -0.24 0.00	28.13 -0.40 0.00	28.05 -0.20 0.00	28.84 -0.17 0.00	30.02 -0.27 0.00	38.24 0.71 0.00	40.56 -0.49 0.00	38.54 -0.23 0.00	37.31 -0.22 0.00	41.33 -0.72 0.00	37.23 -1.39 0.00	36.42 -1.28 0.00	36.56 -1.21 0.00	37.52 -1.81 0.00	40.96 -1.53 0.00	44.77 -1.67 -0.13	49.92 -0.64 -1.79	45.71 -1.94 -1.39	43.86 -2.30 -0.07	40.98 -2.11 0.00	36.68 -2.26 0.00	33.26 -1.83 0.00	33.16 -0.99 0.00
OAK ORCHARD____HYD 24046	30.64 -0.37 0.00	29.40 -0.30 0.00	28.13 -0.40 0.00	27.93 -0.31 0.00	28.72 -0.29 0.00	29.96 -0.33 0.00	38.01 0.49 0.00	41.01 -0.04 0.00	38.92 0.16 0.00	37.72 0.19 0.00	41.96 -0.08 0.00	38.07 -0.54 0.00	37.17 -0.53 0.00	37.28 -0.49 0.00	38.50 -0.83 0.00	41.90 -0.59 0.00	46.48 0.05 -0.13	51.42 0.78 -1.87	47.57 -0.14 -1.45	45.70 -0.46 -0.07	42.10 -0.99 0.00	37.77 -1.17 0.00	34.10 -0.98 0.00	33.57 -0.58 0.00
OAKDALE__35_KV_LOAD 356122	31.35 0.34 0.00	30.05 0.36 0.00	28.87 0.34 0.00	28.58 0.34 0.00	29.36 0.35 0.00	30.72 0.42 0.00	38.65 1.13 0.00	42.12 1.07 0.00	39.81 1.05 0.00	38.51 0.98 0.00	43.02 0.97 0.00	39.35 0.73 0.00	38.45 0.75 0.00	38.53 0.76 0.00	40.11 0.79 0.00	43.38 0.89 0.00	47.71 1.07 -0.34	55.29 1.51 -5.00	51.16 1.02 -3.88	47.10 0.83 -0.18	43.95 0.86 0.00	39.60 0.66 0.00	35.64 0.56 0.00	34.83 0.68 0.00
OCC_CHEM____DRP 24175	29.86 -1.15 0.00	28.74 -0.95 0.00	27.61 -0.91 0.00	27.40 -0.85 0.00	28.14 -0.87 0.00	29.27 -1.03 0.00	37.26 -0.26 0.00	39.45 -1.60 0.00	37.49 -1.28 0.00	36.25 -1.28 0.00	40.24 -1.81 0.00	36.22 -2.39 0.00	35.44 -2.26 0.00	35.51 -2.27 0.00	36.93 -2.40 0.00	39.81 -2.68 0.00	43.74 -2.69 -0.12	48.57 -1.90 -1.69	44.52 -3.05 -1.32	42.79 -3.36 -0.07	39.86 -3.23 0.00	35.78 -3.15 0.00	32.45 -2.63 0.00	32.47 -1.67 0.00
OH_GEN_PROXY 24063	30.27 -0.74 0.00	29.10 -0.59 0.00	27.87 -0.66 0.00	27.74 -0.51 0.00	28.52 -0.49 0.00	32.45 -0.64 -2.79	34.92 0.19 2.79	40.11 -0.94 0.00	38.11 -0.66 0.00	36.93 -0.60 0.00	40.91 -1.13 0.00	36.88 -1.74 0.00	36.08 -1.62 0.00	36.19 -1.58 0.00	37.12 -2.20 0.00	40.49 -2.00 0.00	44.48 -1.99 -0.16	50.21 -1.03 -2.46	45.95 -2.22 -1.91	43.60 -2.58 -0.09	40.59 -2.50 0.00	36.41 -2.53 0.00	33.05 -2.04 0.00	32.85 -1.30 0.00
OLIN_CORP_DRP 24177	30.08 -0.93 0.00	29.01 -0.68 0.00	27.70 -0.83 0.00	27.62 -0.62 0.00	28.40 -0.61 0.00	29.54 -0.76 0.00	37.52 0.00 0.00	39.78 -1.27 0.00	37.76 -1.01 0.00	36.56 -0.98 0.00	40.53 -1.51 0.00	36.49 -2.12 0.00	35.70 -2.00 0.00	35.81 -1.96 0.00	37.20 -2.12 0.00	40.11 -2.38 0.00	44.03 -2.41 -0.13	48.94 -1.61 -1.78	44.82 -2.82 -1.38	43.03 -3.13 -0.07	40.16 -2.93 0.00	36.05 -2.88 0.00	32.70 -2.39 0.00	32.71 -1.43 0.00

OLIN_CORP_DSASP 323712	29.87 -1.15 0.00	28.74 -0.95 0.00	27.61 -0.91 0.00	27.40 -0.85 0.00	28.14 -0.87 0.00	29.27 -1.03 0.00	37.26 -0.26 0.00	39.45 -1.60 0.00	37.49 -1.28 0.00	36.33 -1.20 0.00	40.20 -1.85 0.00	36.22 -2.39 0.00	35.44 -2.26 0.00	35.54 -2.23 0.00	36.45 -2.87 0.00	39.81 -2.68 0.00	43.65 -2.78 -0.12	48.56 -1.90 -1.69	44.52 -3.05 -1.31	42.80 -3.36 -0.07	39.81 -3.28 0.00	35.70 -3.23 0.00	32.42 -2.67 0.00	32.37 -1.78 0.00
ONEIDA_HERK_LFGE 323681	31.54 0.53 0.00	30.20 0.50 0.00	29.07 0.54 0.00	28.75 0.51 0.00	29.56 0.55 0.00	30.93 0.64 0.00	38.57 1.05 0.00	42.37 1.31 0.00	39.89 1.12 0.00	38.54 1.01 0.00	43.22 1.18 0.00	39.66 1.04 0.00	38.68 0.98 0.00	38.79 1.02 0.00	40.42 1.10 0.00	43.72 1.23 0.00	48.01 1.66 -0.04	51.35 2.00 -0.57	48.37 1.66 -0.45	47.58 1.47 -0.02	44.38 1.29 0.00	39.95 1.01 0.00	35.92 0.84 0.00	34.96 0.82 0.00
ONEIDA___115KV_TB4 55905	31.79 0.78 0.00	30.47 0.77 0.00	29.30 0.77 0.00	28.98 0.73 0.00	29.80 0.78 0.00	31.24 0.94 0.00	39.10 1.58 0.00	42.90 1.85 0.00	40.43 1.67 0.00	39.11 1.58 0.00	43.77 1.72 0.00	40.12 1.51 0.00	39.17 1.47 0.00	39.28 1.51 0.00	40.98 1.65 0.00	44.32 1.83 0.00	48.69 2.32 -0.07	52.44 2.68 -0.98	49.20 2.17 -0.76	48.06 1.94 -0.04	44.81 1.72 0.00	40.30 1.36 0.00	36.24 1.16 0.00	35.31 1.16 0.00
ONONDAGA_REF_OCCRA 23987	30.79 -0.22 0.00	29.52 -0.18 0.00	28.33 -0.20 0.00	28.07 -0.17 0.00	28.84 -0.17 0.00	30.09 -0.21 0.00	37.64 0.11 0.00	41.18 0.12 0.00	38.88 0.12 0.00	37.64 0.11 0.00	42.13 0.08 0.00	38.58 -0.04 0.00	37.66 -0.04 0.00	37.73 -0.04 0.00	39.28 -0.04 0.00	42.49 0.00 0.00	46.75 0.32 -0.12	51.16 0.63 -1.76	47.90 0.28 -1.36	46.29 0.14 -0.06	43.09 0.00 0.00	38.82 -0.12 0.00	34.94 -0.14 0.00	34.01 -0.14 0.00
ONONDAGA___COGEN 23986	30.79 -0.22 0.00	29.52 -0.18 0.00	28.33 -0.20 0.00	28.07 -0.17 0.00	28.84 -0.17 0.00	30.09 -0.21 0.00	37.67 0.15 0.00	41.18 0.12 0.00	38.92 0.16 0.00	37.68 0.15 0.00	42.13 0.08 0.00	38.58 -0.04 0.00	37.66 -0.04 0.00	37.73 -0.04 0.00	39.28 -0.04 0.00	42.53 0.04 0.00	46.74 0.32 -0.11	51.04 0.63 -1.63	47.80 0.28 -1.27	46.29 0.14 -0.06	43.09 0.00 0.00	38.82 -0.12 0.00	34.94 -0.14 0.00	34.04 -0.10 0.00
ONTARIO___LFGE 23819	31.39 0.37 0.00	30.11 0.42 0.00	28.90 0.37 0.00	28.64 0.40 0.00	29.48 0.46 0.00	30.87 0.57 0.00	39.17 1.65 0.00	42.37 1.31 0.00	40.36 1.59 0.00	39.03 1.50 0.00	43.22 1.18 0.00	39.58 0.97 0.00	38.64 0.94 0.00	38.79 1.02 0.00	40.23 0.91 0.00	43.42 0.93 0.00	47.80 1.34 -0.15	53.06 2.10 -2.19	49.30 1.34 -1.70	47.18 1.01 -0.08	43.87 0.78 0.00	39.60 0.66 0.00	35.64 0.56 0.00	34.87 0.72 0.00
ORANGEVILLE_WT_PWR 323706	31.04 0.03 0.00	29.93 0.24 0.00	28.70 0.17 0.00	28.56 0.31 0.00	29.36 0.35 0.00	30.66 0.36 0.00	39.10 1.58 0.00	41.75 0.70 0.00	39.66 0.89 0.00	38.39 0.86 0.00	42.55 0.51 0.00	38.50 -0.12 0.00	37.66 -0.04 0.00	37.77 0.00 0.00	38.89 -0.43 0.00	42.32 -0.17 0.00	45.97 -0.51 -0.17	51.67 0.49 -2.41	47.39 -0.74 -1.87	45.07 -1.11 -0.09	42.53 -0.56 0.00	38.16 -0.78 0.00	34.49 -0.60 0.00	34.18 0.03 0.00
ORANGEVILLE___ESR 323794	31.04 0.03 0.00	29.93 0.24 0.00	28.70 0.17 0.00	28.56 0.31 0.00	29.36 0.35 0.00	30.66 0.36 0.00	39.10 1.58 0.00	41.75 0.70 0.00	39.66 0.89 0.00	38.39 0.86 0.00	42.55 0.51 0.00	38.50 -0.12 0.00	37.66 -0.04 0.00	37.77 0.00 0.00	38.89 -0.43 0.00	42.32 -0.17 0.00	45.97 -0.51 -0.17	51.67 0.49 -2.41	47.39 -0.74 -1.87	45.07 -1.11 -0.09	42.53 -0.56 0.00	38.16 -0.78 0.00	34.49 -0.60 0.00	34.18 0.03 0.00
OSWEGATCHIE___HYD 24044	30.95 -0.06 0.00	29.78 0.09 0.00	28.64 0.11 0.00	28.33 0.08 0.00	29.16 0.15 0.00	30.24 -0.06 0.00	37.08 -0.45 0.00	40.77 -0.29 0.00	38.38 -0.39 0.00	37.08 -0.45 0.00	41.71 -0.34 0.00	38.35 -0.27 0.00	37.44 -0.26 0.00	37.55 -0.23 0.00	39.17 -0.16 0.00	41.98 -0.51 0.00	45.69 -0.65 -0.03	48.35 -0.88 -0.46	46.06 -0.55 -0.35	45.46 -0.65 -0.02	42.66 -0.43 0.00	38.70 -0.23 0.00	34.80 -0.28 0.00	33.91 -0.24 0.00
OSWEGO___5 23606	30.27 -0.74 0.00	29.01 -0.68 0.00	27.84 -0.68 0.00	27.60 -0.65 0.00	28.35 -0.67 0.00	29.57 -0.73 0.00	36.89 -0.64 0.00	40.27 -0.78 0.00	38.07 -0.70 0.00	36.86 -0.67 0.00	41.21 -0.84 0.00	37.76 -0.85 0.00	36.87 -0.83 0.00	36.94 -0.83 0.00	38.42 -0.90 0.00	41.60 -0.89 0.00	45.65 -0.74 -0.08	49.42 -0.58 -1.23	46.43 -0.79 -0.95	45.26 -0.88 -0.04	42.10 -0.99 0.00	37.96 -0.97 0.00	34.24 -0.84 0.00	33.36 -0.78 0.00
OSWEGO___6 23613	30.27 -0.74 0.00	29.01 -0.68 0.00	27.84 -0.68 0.00	27.60 -0.65 0.00	28.35 -0.67 0.00	29.57 -0.73 0.00	36.89 -0.64 0.00	40.27 -0.78 0.00	38.07 -0.70 0.00	36.86 -0.67 0.00	41.21 -0.84 0.00	37.76 -0.85 0.00	36.87 -0.83 0.00	36.94 -0.83 0.00	38.42 -0.90 0.00	41.60 -0.89 0.00	45.65 -0.74 -0.08	49.42 -0.58 -1.23	46.43 -0.79 -0.95	45.26 -0.88 -0.04	42.10 -0.99 0.00	37.96 -0.97 0.00	34.24 -0.84 0.00	33.36 -0.78 0.00
OUTOKUMPU-AB___DRP 24206	30.86 -0.16 0.00	29.72 0.03 0.00	28.47 -0.06 0.00	28.27 0.03 0.00	29.07 0.06 0.00	30.24 -0.06 0.00	38.61 1.09 0.00	40.97 -0.08 0.00	38.88 0.12 0.00	37.61 0.08 0.00	41.75 -0.29 0.00	37.57 -1.04 0.00	36.76 -0.94 0.00	36.86 -0.91 0.00	38.30 -1.02 0.00	41.34 -1.15 0.00	45.19 -1.25 -0.13	50.29 -0.29 -1.81	46.05 -1.62 -1.41	44.18 -1.98 -0.07	41.41 -1.68 0.00	37.14 -1.79 0.00	33.61 -1.47 0.00	33.57 -0.58 0.00
OXBOW____ 24026	30.42 -0.59 0.00	29.31 -0.39 0.00	28.10 -0.43 0.00	27.91 -0.34 0.00	28.67 -0.35 0.00	29.84 -0.45 0.00	38.05 0.53 0.00	40.32 -0.74 0.00	38.30 -0.46 0.00	37.12 -0.41 0.00	41.08 -0.97 0.00	36.99 -1.62 0.00	36.19 -1.51 0.00	36.34 -1.44 0.00	37.28 -2.05 0.00	40.66 -1.83 0.00	44.49 -1.94 -0.12	49.59 -0.93 -1.74	45.40 -2.22 -1.36	43.62 -2.53 -0.07	40.72 -2.37 0.00	36.48 -2.45 0.00	33.12 -1.96 0.00	32.99 -1.16 0.00
OXY_CHEM_DSASP 323612	29.86 -1.15 0.00	28.74 -0.95 0.00	27.61 -0.91 0.00	27.40 -0.85 0.00	28.14 -0.87 0.00	29.27 -1.03 0.00	37.26 -0.26 0.00	39.45 -1.60 0.00	37.49 -1.28 0.00	36.25 -1.28 0.00	40.24 -1.81 0.00	36.22 -2.39 0.00	35.44 -2.26 0.00	35.51 -2.27 0.00	36.93 -2.40 0.00	39.81 -2.68 0.00	43.74 -2.69 -0.12	48.57 -1.90 -1.69	44.52 -3.05 -1.32	42.79 -3.36 -0.07	39.86 -3.23 0.00	35.78 -3.15 0.00	32.45 -2.63 0.00	32.47 -1.67 0.00
OZONE_PARK_ESR 323760	32.47 1.46 0.00	30.91 1.22 0.00	29.70 1.17 0.00	29.35 1.10 0.00	30.09 1.07 0.00	31.72 1.42 0.00	40.53 3.00 0.00	44.42 3.37 0.00	42.10 3.33 0.00	40.80 3.27 0.00	45.62 3.57 0.00	42.09 3.48 0.00	41.02 3.32 0.00	41.06 3.29 0.00	42.82 3.50 0.00	46.36 3.87 0.00	52.42 5.09 -1.01	69.37 5.46 -15.14	63.19 5.18 -11.75	51.57 4.93 -0.54	47.10 4.01 0.00	42.67 3.74 0.00	38.45 3.37 0.00	37.25 3.11 0.00

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.86 -1.15 0.00	28.74 -0.95 0.00	27.61 -0.91 0.00	27.40 -0.85 0.00	28.14 -0.87 0.00	29.27 -1.03 0.00	37.26 -0.26 0.00	39.45 -1.60 0.00	37.49 -1.28 0.00	36.25 -1.28 0.00	40.24 -1.81 0.00	36.22 -2.39 0.00	35.44 -2.26 0.00	35.51 -2.27 0.00	36.93 -2.40 0.00	39.81 -2.68 0.00	43.74 -2.69 -0.12	48.57 -1.90 -1.69	44.52 -3.05 -1.32	42.79 -3.36 -0.07	39.86 -3.23 0.00	35.78 -3.15 0.00	32.45 -2.63 0.00	32.47 -1.67 0.00
PACKARD__115KV_DUPONT_184 80571	29.86 -1.15 0.00	28.74 -0.95 0.00	27.61 -0.91 0.00	27.40 -0.85 0.00	28.14 -0.87 0.00	29.27 -1.03 0.00	37.26 -0.26 0.00	39.45 -1.60 0.00	37.49 -1.28 0.00	36.25 -1.28 0.00	40.24 -1.81 0.00	36.22 -2.39 0.00	35.44 -2.26 0.00	35.51 -2.27 0.00	36.93 -2.40 0.00	39.81 -2.68 0.00	43.74 -2.69 -0.12	48.57 -1.90 -1.69	44.52 -3.05 -1.32	42.79 -3.36 -0.07	39.86 -3.23 0.00	35.78 -3.15 0.00	32.45 -2.63 0.00	32.47 -1.67 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.35 1.33 0.00	30.76 1.07 0.00	29.53 1.00 0.00	29.18 0.93 0.00	29.91 0.90 0.00	31.48 1.18 0.00	40.11 2.59 0.00	43.85 2.79 0.00	41.52 2.75 0.00	40.31 2.78 0.00	45.20 3.15 0.00	41.74 3.13 0.00	40.72 3.02 0.00	40.76 2.98 0.00	42.51 3.19 0.00	45.97 3.48 0.00	52.14 4.82 -1.01	68.93 5.02 -15.14	62.96 4.95 -11.75	51.34 4.70 -0.54	46.67 3.58 0.00	42.48 3.54 0.00	38.38 3.30 0.00	37.30 3.14 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.78 1.77 0.00	31.18 1.48 0.00	29.95 1.43 0.00	29.57 1.33 0.00	30.32 1.31 0.00	31.93 1.64 0.00	40.68 3.15 0.00	44.46 3.41 0.00	42.10 3.33 0.00	40.83 3.30 0.00	45.79 3.74 0.00	42.24 3.63 0.00	41.21 3.51 0.00	41.25 3.47 0.00	43.02 3.70 0.00	46.53 4.04 0.00	52.74 5.42 -1.01	69.62 5.71 -15.14	63.61 5.60 -11.75	51.93 5.30 -0.54	47.18 4.09 0.00	42.98 4.05 0.00	38.84 3.75 0.00	37.81 3.65 -0.01
PATROON__115KV_TB1 80586	31.60 0.59 0.00	30.17 0.48 0.00	28.98 0.46 0.00	28.72 0.48 0.00	29.48 0.46 0.00	30.96 0.67 0.00	38.24 0.71 0.00	41.87 0.82 0.00	39.47 0.70 0.00	38.24 0.71 0.00	43.14 1.09 0.00	39.77 1.16 0.00	38.79 1.09 0.00	38.87 1.10 0.00	40.42 1.10 0.00	43.77 1.27 0.00	49.35 1.71 -1.33	70.47 1.90 -19.79	63.29 1.67 -15.36	48.41 1.61 -0.71	44.51 1.42 0.00	40.26 1.32 0.00	36.38 1.30 0.00	35.27 1.13 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.85 0.84 0.00	30.67 0.98 0.00	29.35 0.83 0.00	29.20 0.96 0.00	30.03 1.02 0.00	31.27 0.97 0.00	40.04 2.51 0.00	42.57 1.52 0.00	40.40 1.63 0.00	39.03 1.50 0.00	43.35 1.30 0.00	39.04 0.42 0.00	38.23 0.53 0.00	38.34 0.57 0.00	39.84 0.51 0.00	42.96 0.47 0.00	45.20 -1.25 -0.14	50.56 -0.24 -2.03	46.22 -1.62 -1.58	44.19 -1.98 -0.08	43.13 0.04 0.00	38.70 -0.23 0.00	34.94 -0.14 0.00	34.80 0.65 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.50 1.49 0.00	31.00 1.31 0.00	29.75 1.23 0.00	29.49 1.24 0.00	30.14 1.13 0.00	31.78 1.48 0.00	40.38 2.85 0.00	44.30 3.24 0.00	41.95 3.18 0.00	40.61 3.08 0.00	45.41 3.36 0.00	41.78 3.17 0.00	40.72 3.02 0.00	40.76 2.98 0.00	42.59 3.26 0.00	46.14 3.65 0.00	52.15 4.82 -1.03	69.40 5.32 -15.31	63.18 5.04 -11.88	51.30 4.66 -0.55	47.10 4.01 0.00	42.52 3.58 0.00	38.24 3.16 0.00	37.02 2.87 0.00
PEEKSKILL____ 23653	32.25 1.24 0.00	30.73 1.04 0.00	29.53 1.00 0.00	29.21 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.08 2.55 0.00	44.01 2.96 0.00	41.68 2.91 0.00	40.35 2.82 0.00	45.16 3.11 0.00	41.59 2.97 0.00	40.53 2.83 0.00	40.57 2.80 0.00	42.39 3.07 0.00	45.81 3.32 0.00	51.75 4.45 -0.99	68.40 4.78 -14.84	62.27 4.49 -11.52	50.86 4.24 -0.53	46.62 3.53 0.00	42.24 3.31 0.00	38.06 2.98 0.00	36.84 2.70 0.00
PGE MADISON____WINDPWR 24146	33.77 2.76 0.00	32.37 2.67 0.00	31.18 2.65 0.00	30.81 2.57 0.00	31.74 2.73 0.00	33.36 3.06 0.00	42.44 4.91 0.00	46.72 5.67 0.00	43.96 5.20 0.00	42.26 4.73 0.00	47.13 5.09 0.00	43.05 4.44 0.00	42.11 4.41 0.00	42.26 4.49 0.00	44.08 4.76 0.00	47.93 5.44 0.00	53.33 6.71 -0.31	61.65 8.19 -4.68	56.83 6.94 -3.63	52.71 6.45 -0.17	48.90 5.81 0.00	43.76 4.83 0.00	39.19 4.10 0.00	38.21 4.06 0.00
PIERCEFIELD____HYD 23852	31.38 0.37 0.00	30.29 0.59 0.00	29.13 0.60 0.00	28.78 0.54 0.00	29.65 0.64 0.00	30.54 0.24 0.00	36.96 -0.56 0.00	40.60 -0.45 0.00	38.26 -0.50 0.00	37.01 -0.53 0.00	41.75 -0.29 0.00	38.50 -0.12 0.00	37.59 -0.11 0.00	37.70 -0.08 0.00	39.28 -0.04 0.00	41.85 -0.64 0.00	44.92 -1.39 0.00	46.53 -2.24 0.00	44.92 -1.34 0.00	44.84 -1.24 0.00	42.36 -0.73 0.00	38.70 -0.23 0.00	34.84 -0.25 0.00	34.01 -0.14 0.00
PINELAWN_CC_1 323563	36.90 2.54 -3.34	37.66 2.23 -5.74	34.77 2.20 -4.05	31.06 2.09 -0.72	32.12 2.12 -0.99	36.64 2.51 -3.83	44.96 4.24 -3.20	50.07 4.60 -4.42	46.96 4.57 -3.62	44.47 4.02 -2.92	51.59 4.37 -5.17	44.69 4.09 -1.99	45.05 3.85 -3.50	44.57 3.85 -2.94	45.78 4.33 -2.13	50.80 4.59 -3.72	54.82 5.55 -2.96	70.93 5.90 -16.26	66.46 5.55 -14.65	58.04 5.30 -6.65	54.33 4.70 -6.54	46.89 4.48 -3.48	42.34 4.49 -2.76	41.50 4.16 -3.18
PJM_GEN_HTP_PROXY 323702	32.25 1.24 0.00	30.70 1.01 0.00	29.53 1.00 0.00	29.17 0.93 0.00	29.91 0.90 0.00	34.30 1.21 -2.79	37.40 2.66 2.79	44.13 3.08 0.00	41.79 3.03 0.00	40.46 2.93 0.00	45.33 3.28 0.00	41.74 3.13 0.00	40.68 2.98 0.00	40.72 2.95 0.00	42.55 3.23 0.00	45.89 3.40 0.00	51.89 4.59 -1.00	68.52 4.88 -14.87	62.43 4.63 -11.55	51.01 4.38 -0.54	46.66 3.57 0.00	42.36 3.43 0.00	38.17 3.09 0.00	36.98 2.83 0.00
PJM_GEN_KEystone 24065	31.48 0.47 0.00	30.11 0.42 0.00	28.93 0.40 0.00	28.67 0.42 0.00	29.42 0.41 0.00	33.60 0.51 -2.79	36.38 1.65 2.79	42.45 1.40 0.00	40.20 1.44 0.00	38.88 1.35 0.00	43.39 1.35 0.00	39.62 1.00 0.00	38.68 0.98 0.00	38.75 0.98 0.00	40.23 0.91 0.00	43.59 1.10 0.00	48.30 1.39 -0.60	59.68 1.95 -8.95	54.50 1.29 -6.95	47.42 1.01 -0.32	44.08 0.99 0.00	39.83 0.90 0.00	35.96 0.88 0.00	35.17 1.02 0.00
PJM_GEN_NEPTUNE_PROXY 323594	33.35 2.05 -0.29	32.02 1.81 -0.51	30.65 1.77 -0.36	30.00 1.69 -0.06	30.78 1.68 -0.08	35.45 2.03 -3.13	38.56 3.53 2.49	45.26 3.77 -0.43	42.94 3.84 -0.34	41.48 3.68 -0.27	46.71 4.20 -0.46	42.03 3.94 0.52	40.56 3.77 0.91	40.75 3.74 0.77	42.82 4.05 0.56	47.09 4.25 -0.35	52.76 5.28 -1.18	69.42 5.61 -15.04	63.43 5.27 -11.90	52.32 5.02 -1.21	48.07 4.27 -0.72	43.35 4.09 -0.33	39.20 3.86 -0.26	38.04 3.62 -0.28
PJM_GEN_VFT_PROXY 323633	32.03 1.02 0.00	30.50 0.80 0.00	29.33 0.80 0.00	28.98 0.73 0.00	29.71 0.70 0.00	34.08 1.00 -2.79	37.14 2.40 2.79	43.85 2.79 0.00	41.52 2.75 0.00	40.23 2.70 0.00	45.08 3.03 0.00	41.51 2.90 0.00	40.45 2.75 0.00	40.49 2.72 0.00	42.31 2.99 0.00	45.63 3.14 0.00	51.61 4.31 -1.00	68.23 4.58 -14.87	62.15 4.35 -11.55	50.73 4.10 -0.54	46.45 3.36 0.00	42.17 3.23 0.00	37.99 2.91 0.00	36.81 2.67 0.00

PLATSBRG_115KV_PMLD1 355749	32.56 1.55 0.00	31.27 1.57 0.00	30.07 1.54 0.00	29.71 1.47 0.00	30.67 1.65 0.00	31.90 1.61 0.00	38.35 0.83 0.00	42.08 1.03 0.00	39.50 0.74 0.00	38.32 0.79 0.00	42.89 0.84 0.00	39.50 0.89 0.00	38.53 0.83 0.00	38.60 0.83 0.00	40.03 0.71 0.00	43.09 0.59 0.00	45.84 -0.46 0.00	47.94 -0.83 0.00	45.80 -0.46 0.00	45.81 -0.28 0.00	43.65 0.56 0.00	39.60 0.66 0.00	35.40 0.32 0.00	35.07 0.92 0.00
PLEASANTVLY___LBMP 24000	32.16 1.15 0.00	30.67 0.98 0.00	29.47 0.94 0.00	29.15 0.90 0.00	29.91 0.90 0.00	31.45 1.15 0.00	39.89 2.36 0.00	43.68 2.63 0.00	41.33 2.56 0.00	40.05 2.51 0.00	44.87 2.82 0.00	41.32 2.70 0.00	40.30 2.60 0.00	40.34 2.57 0.00	42.08 2.75 0.00	45.55 3.06 0.00	51.44 4.08 -1.05	68.89 4.39 -15.73	62.54 4.07 -12.21	50.53 3.87 -0.57	46.32 3.23 0.00	41.93 3.00 0.00	37.78 2.70 0.00	36.64 2.49 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.28 1.27 0.00	30.76 1.07 0.00	29.58 1.06 0.00	29.26 1.02 0.00	30.00 0.99 0.00	31.57 1.27 0.00	40.19 2.66 0.00	44.09 3.04 0.00	41.75 2.99 0.00	40.42 2.89 0.00	45.24 3.20 0.00	41.66 3.05 0.00	40.60 2.90 0.00	40.64 2.87 0.00	42.39 3.07 0.00	45.93 3.44 0.00	51.86 4.54 -1.02	68.91 4.93 -15.21	62.69 4.63 -11.80	51.02 4.38 -0.55	46.71 3.62 0.00	42.28 3.35 0.00	38.10 3.02 0.00	36.91 2.77 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.28 1.27 0.00	30.76 1.07 0.00	29.58 1.06 0.00	29.26 1.02 0.00	30.00 0.99 0.00	31.57 1.27 0.00	40.19 2.66 0.00	44.09 3.04 0.00	41.75 2.99 0.00	40.42 2.89 0.00	45.24 3.20 0.00	41.66 3.05 0.00	40.60 2.90 0.00	40.64 2.87 0.00	42.39 3.07 0.00	45.93 3.44 0.00	51.86 4.54 -1.02	68.91 4.93 -15.21	62.69 4.63 -11.80	51.02 4.38 -0.55	46.71 3.62 0.00	42.28 3.35 0.00	38.10 3.02 0.00	36.91 2.77 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.31 1.30 0.00	30.82 1.13 0.00	29.61 1.08 0.00	29.32 1.07 0.00	30.06 1.04 0.00	31.66 1.36 0.00	40.15 2.63 0.00	43.89 2.83 0.00	41.48 2.71 0.00	40.16 2.63 0.00	44.99 2.94 0.00	41.43 2.82 0.00	40.38 2.68 0.00	40.42 2.64 0.00	42.23 2.91 0.00	45.76 3.27 0.00	51.66 4.31 -1.05	69.11 4.73 -15.60	62.77 4.39 -12.11	50.80 4.15 -0.56	46.58 3.49 0.00	42.17 3.23 0.00	37.96 2.88 0.00	36.81 2.66 0.00
POLETTI____ 23519	32.19 1.18 0.00	30.64 0.95 0.00	29.47 0.94 0.00	29.09 0.85 0.00	29.85 0.84 0.00	31.42 1.12 0.00	40.08 2.55 0.00	43.97 2.91 0.00	41.64 2.87 0.00	40.38 2.85 0.00	45.24 3.20 0.00	41.70 3.09 0.00	40.64 2.94 0.00	40.68 2.91 0.00	42.43 3.11 0.00	45.93 3.44 0.00	51.95 4.63 -1.01	68.84 4.93 -15.14	62.68 4.67 -11.75	51.01 4.38 -0.54	46.67 3.58 0.00	42.28 3.35 0.00	38.14 3.05 0.00	36.95 2.80 0.00
POMONA___ESR 323819	32.03 1.02 0.00	30.52 0.83 0.00	29.36 0.83 0.00	29.03 0.79 0.00	29.77 0.75 0.00	31.33 1.03 0.00	39.81 2.29 0.00	43.60 2.55 0.00	41.21 2.44 0.00	39.82 2.29 0.00	44.61 2.57 0.00	41.09 2.47 0.00	40.08 2.38 0.00	40.08 2.30 0.00	41.88 2.55 0.00	45.21 2.72 0.00	51.05 3.80 -0.95	67.02 4.10 -14.15	61.04 3.79 -10.98	50.20 3.60 -0.51	46.02 2.93 0.00	41.74 2.80 0.00	37.64 2.56 0.00	36.47 2.32 0.00
PORT_JEFF_3 23555	35.50 2.95 -1.54	34.93 2.58 -2.65	32.91 2.51 -1.87	30.97 2.40 -0.33	31.90 2.44 -0.45	34.98 2.91 -1.77	43.78 4.77 -1.49	48.29 5.17 -2.06	45.56 5.12 -1.68	43.73 4.84 -1.35	49.69 5.26 -2.39	44.43 4.90 -0.92	43.88 4.56 -1.62	43.66 4.53 -1.36	45.41 5.11 -0.98	49.83 5.61 -1.73	55.13 6.90 -1.92	71.77 7.46 -15.53	66.19 6.94 -12.99	56.13 6.68 -3.36	51.92 5.81 -3.01	45.96 5.41 -1.62	41.35 4.98 -1.28	40.16 4.54 -1.47
PORT_JEFF_4 23616	35.50 2.95 -1.54	34.93 2.58 -2.65	32.91 2.51 -1.87	30.97 2.40 -0.33	31.90 2.44 -0.45	34.98 2.91 -1.77	43.78 4.77 -1.49	48.29 5.17 -2.06	45.56 5.12 -1.68	43.73 4.84 -1.35	49.69 5.26 -2.39	44.43 4.90 -0.92	43.88 4.56 -1.62	43.66 4.53 -1.36	45.41 5.11 -0.98	49.83 5.61 -1.73	55.13 6.90 -1.92	71.77 7.46 -15.53	66.19 6.94 -12.99	56.13 6.68 -3.36	51.92 5.81 -3.01	45.96 5.41 -1.62	41.35 4.98 -1.28	40.16 4.54 -1.47
PORT_JEFF_IC 23713	35.58 2.98 -1.59	35.05 2.61 -2.74	33.00 2.54 -1.93	31.02 2.43 -0.34	31.95 2.46 -0.47	35.06 2.94 -1.83	43.86 4.80 -1.54	48.44 5.26 -2.13	45.70 5.20 -1.73	43.81 4.88 -1.40	49.85 5.34 -2.46	44.50 4.94 -0.95	43.97 4.60 -1.67	43.78 4.61 -1.40	45.53 5.19 -1.01	49.93 5.65 -1.78	55.25 6.99 -1.95	71.89 7.56 -15.55	66.38 7.08 -13.04	56.32 6.78 -3.45	52.10 5.90 -3.11	46.10 5.49 -1.67	41.42 5.02 -1.32	40.24 4.58 -1.52
PPL PILGRIM_ST_GT1 24216	35.76 2.91 -1.84	35.40 2.55 -3.16	33.26 2.51 -2.23	31.04 2.40 -0.40	31.99 2.44 -0.54	35.28 2.88 -2.11	43.94 4.65 -1.76	48.55 5.05 -2.44	45.80 5.04 -1.99	43.91 4.77 -1.61	50.02 5.13 -2.84	44.49 4.79 -1.09	44.11 4.48 -1.93	43.88 4.49 -1.62	45.53 5.03 -1.17	49.98 5.44 -2.05	55.10 6.71 -2.08	71.62 7.22 -15.63	66.20 6.71 -13.24	56.45 6.50 -3.86	52.24 5.60 -3.55	46.11 5.25 -1.92	41.52 4.91 -1.52	40.40 4.51 -1.75
PPL PILGRIM_ST_GT2 24217	35.76 2.91 -1.84	35.40 2.55 -3.16	33.26 2.51 -2.23	31.04 2.40 -0.40	31.99 2.44 -0.54	35.28 2.88 -2.11	43.94 4.65 -1.76	48.55 5.05 -2.44	45.80 5.04 -1.99	43.91 4.77 -1.61	50.02 5.13 -2.84	44.49 4.79 -1.09	44.11 4.48 -1.93	43.88 4.49 -1.62	45.53 5.03 -1.17	49.98 5.44 -2.05	55.10 6.71 -2.08	71.62 7.22 -15.63	66.20 6.71 -13.24	56.45 6.50 -3.86	52.24 5.60 -3.55	46.11 5.25 -1.92	41.52 4.91 -1.52	40.40 4.51 -1.75
PPL_SHRM_GT3 24213	35.83 3.26 -1.56	35.23 2.85 -2.69	33.22 2.80 -1.89	31.23 2.65 -0.34	32.17 2.70 -0.46	35.33 3.24 -1.79	44.24 5.21 -1.51	48.89 5.75 -2.09	46.05 5.58 -1.70	44.16 5.25 -1.37	50.18 5.72 -2.42	44.83 5.29 -0.93	44.24 4.90 -1.64	44.02 4.87 -1.38	45.86 5.55 -0.99	50.36 6.12 -1.75	55.74 7.50 -1.93	72.46 8.15 -15.54	66.90 7.63 -13.01	56.86 7.37 -3.40	52.56 6.42 -3.05	46.53 5.96 -1.64	41.75 5.37 -1.30	40.52 4.88 -1.49
PPL_SHRM_GT4 24214	35.83 3.26 -1.56	35.23 2.85 -2.69	33.22 2.80 -1.89	31.23 2.65 -0.34	32.17 2.70 -0.46	35.33 3.24 -1.79	44.24 5.21 -1.51	48.89 5.75 -2.09	46.05 5.58 -1.70	44.16 5.25 -1.37	50.18 5.72 -2.42	44.83 5.29 -0.93	44.24 4.90 -1.64	44.02 4.87 -1.38	45.86 5.55 -0.99	50.36 6.12 -1.75	55.74 7.50 -1.93	72.46 8.15 -15.54	66.90 7.63 -13.01	56.86 7.37 -3.40	52.56 6.42 -3.05	46.53 5.96 -1.64	41.75 5.37 -1.30	40.52 4.88 -1.49
PROJECT___ORANGE I 24174	30.64 -0.37 0.00	29.34 -0.36 0.00	28.19 -0.34 0.00	27.91 -0.34 0.00	28.66 -0.35 0.00	29.90 -0.39 0.00	37.37 -0.15 0.00	40.85 -0.21 0.00	38.61 -0.16 0.00	37.42 -0.11 0.00	41.84 -0.21 0.00	38.30 -0.31 0.00	37.40 -0.30 0.00	37.47 -0.30 0.00	39.01 -0.31 0.00	42.24 -0.25 0.00	46.40 0.00 -0.10	50.52 0.29 -1.45	47.34 -0.05 -1.13	45.91 -0.23 -0.05	42.70 -0.39 0.00	38.51 -0.43 0.00	34.66 -0.42 0.00	33.77 -0.38 0.00

PROJECT___ORANGE 2 24166	30.64 -0.37 0.00	29.34 -0.36 0.00	28.19 -0.34 0.00	27.91 -0.34 0.00	28.66 -0.35 0.00	29.90 -0.39 0.00	37.37 -0.15 0.00	40.85 -0.21 0.00	38.61 -0.16 0.00	37.42 -0.11 0.00	41.84 -0.21 0.00	38.30 -0.31 0.00	37.40 -0.30 0.00	37.47 -0.30 0.00	39.01 -0.31 0.00	42.24 -0.25 0.00	46.40 0.00 -0.10	50.52 0.29 -1.45	47.34 -0.05 -1.13	45.91 -0.23 -0.05	42.70 -0.39 0.00	38.51 -0.43 0.00	34.66 -0.42 0.00	33.77 -0.38 0.00
PUCKETT___SOLAR 323809	32.03 1.02 0.00	30.70 1.01 0.00	29.50 0.97 0.00	29.21 0.96 0.00	30.03 1.01 0.00	31.45 1.15 0.00	39.70 2.18 0.00	43.35 2.30 0.00	40.90 2.13 0.00	39.52 1.99 0.00	44.07 2.02 0.00	40.31 1.70 0.00	39.36 1.66 0.00	39.47 1.70 0.00	41.05 1.73 0.00	44.57 2.08 0.00	49.15 2.50 -0.34	57.09 3.22 -5.09	52.76 2.54 -3.95	48.58 2.30 -0.18	45.24 2.15 0.00	40.69 1.75 0.00	36.59 1.51 0.00	35.68 1.54 0.00
PYRITES___HYD 24023	31.97 0.96 0.00	30.85 1.16 0.00	29.70 1.17 0.00	29.35 1.10 0.00	30.26 1.25 0.00	31.24 0.94 0.00	37.94 0.41 0.00	41.75 0.70 0.00	39.31 0.54 0.00	37.98 0.45 0.00	42.85 0.80 0.00	39.46 0.85 0.00	38.53 0.83 0.00	38.64 0.87 0.00	40.27 0.94 0.00	43.04 0.55 0.00	46.31 0.00 0.00	48.09 -0.68 0.00	46.40 0.14 0.00	46.23 0.14 0.00	43.61 0.52 0.00	39.64 0.70 0.00	35.61 0.53 0.00	34.76 0.61 0.00
QUAKERRD_115KV_BK1 80622	29.86 -1.15 0.00	28.66 -1.04 0.00	27.44 -1.08 0.00	27.23 -1.02 0.00	27.97 -1.04 0.00	29.21 -1.09 0.00	36.96 -0.56 0.00	40.03 -1.03 0.00	37.95 -0.81 0.00	36.74 -0.79 0.00	40.95 -1.09 0.00	37.26 -1.35 0.00	36.38 -1.32 0.00	36.49 -1.28 0.00	37.95 -1.38 0.00	41.00 -1.49 0.00	45.50 -0.93 -0.12	50.17 -0.44 -1.83	46.57 -1.11 -1.42	44.73 -1.43 -0.07	41.28 -1.81 0.00	37.11 -1.83 0.00	33.43 -1.65 0.00	32.85 -1.30 0.00
QUENSBRY_115KV_TB8 356137	32.22 1.21 0.00	30.79 1.10 0.00	29.58 1.06 0.00	29.35 1.10 0.00	30.17 1.16 0.00	31.78 1.48 0.00	39.85 2.33 0.00	43.80 2.75 0.00	41.21 2.44 0.00	39.75 2.21 0.00	44.66 2.61 0.00	40.74 2.12 0.00	39.70 2.00 0.00	39.66 1.89 0.00	41.25 1.93 0.00	44.66 2.17 0.00	50.72 3.06 -1.36	72.54 3.51 -20.25	64.99 3.01 -15.72	49.68 2.86 -0.73	45.55 2.46 0.00	41.43 2.49 0.00	37.19 2.10 0.00	36.23 2.08 0.00
RAMAPO___LBMP 323565	31.94 0.93 0.00	30.44 0.74 0.00	29.27 0.74 0.00	28.95 0.71 0.00	29.68 0.67 0.00	31.24 0.94 0.00	39.66 2.14 0.00	43.39 2.34 0.00	41.02 2.25 0.00	39.67 2.14 0.00	44.40 2.35 0.00	40.93 2.32 0.00	39.89 2.19 0.00	39.92 2.15 0.00	41.64 2.32 0.00	45.04 2.55 0.00	50.83 3.57 -0.96	66.98 3.90 -14.30	60.97 3.61 -11.10	50.01 3.41 -0.51	45.85 2.76 0.00	41.51 2.57 0.00	37.43 2.35 0.00	36.30 2.15 0.00
RANKINE____ 23646	31.29 0.28 0.00	30.14 0.45 0.00	28.84 0.31 0.00	28.70 0.45 0.00	29.51 0.49 0.00	30.72 0.42 0.00	39.25 1.73 0.00	41.75 0.70 0.00	39.62 0.85 0.00	38.28 0.75 0.00	42.51 0.46 0.00	38.30 -0.31 0.00	37.47 -0.23 0.00	37.58 -0.19 0.00	39.05 -0.28 0.00	42.11 -0.38 0.00	45.47 -0.97 -0.14	50.83 0.10 -1.96	46.54 -1.25 -1.53	44.51 -1.66 -0.08	42.23 -0.86 0.00	37.92 -1.01 0.00	34.28 -0.81 0.00	34.18 0.03 0.00
RAVENSWOOD_GT2_1 24244	32.28 1.27 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.23 2.70 0.00	44.09 3.04 0.00	41.79 3.02 0.00	40.50 2.96 0.00	45.33 3.28 0.00	41.78 3.17 0.00	40.72 3.02 0.00	40.76 2.98 0.00	42.51 3.19 0.00	46.02 3.53 0.00	52.05 4.72 -1.01	68.93 5.02 -15.14	62.78 4.76 -11.75	51.15 4.52 -0.54	46.75 3.66 0.00	42.36 3.43 0.00	38.21 3.12 0.00	37.02 2.87 0.00
RAVENSWOOD_GT2_2 24245	32.28 1.27 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.23 2.70 0.00	44.09 3.04 0.00	41.79 3.02 0.00	40.50 2.96 0.00	45.33 3.28 0.00	41.78 3.17 0.00	40.72 3.02 0.00	40.76 2.98 0.00	42.51 3.19 0.00	46.02 3.53 0.00	52.05 4.72 -1.01	68.93 5.02 -15.14	62.78 4.76 -11.75	51.15 4.52 -0.54	46.75 3.66 0.00	42.36 3.43 0.00	38.21 3.12 0.00	37.02 2.87 0.00
RAVENSWOOD_GT2_3 24246	32.31 1.30 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.20 0.96 0.00	29.97 0.96 0.00	31.57 1.27 0.00	40.26 2.74 0.00	44.09 3.04 0.00	41.79 3.02 0.00	40.53 3.00 0.00	45.33 3.28 0.00	41.78 3.17 0.00	40.75 3.05 0.00	40.79 3.02 0.00	42.55 3.22 0.00	46.06 3.57 0.00	52.05 4.72 -1.01	68.98 5.07 -15.14	62.82 4.81 -11.75	51.15 4.52 -0.54	46.75 3.66 0.00	42.40 3.47 0.00	38.21 3.12 0.00	37.05 2.90 0.00
RAVENSWOOD_GT2_4 24247	32.31 1.30 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.20 0.96 0.00	29.97 0.96 0.00	31.57 1.27 0.00	40.26 2.74 0.00	44.09 3.04 0.00	41.79 3.02 0.00	40.53 3.00 0.00	45.33 3.28 0.00	41.78 3.17 0.00	40.75 3.05 0.00	40.79 3.02 0.00	42.55 3.22 0.00	46.06 3.57 0.00	52.05 4.72 -1.01	68.98 5.07 -15.14	62.82 4.81 -11.75	51.15 4.52 -0.54	46.75 3.66 0.00	42.40 3.47 0.00	38.21 3.12 0.00	37.05 2.90 0.00
RAVENSWOOD_GT3_1 24248	32.28 1.27 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.23 2.70 0.00	44.09 3.04 0.00	41.79 3.02 0.00	40.50 2.96 0.00	45.33 3.28 0.00	41.78 3.17 0.00	40.72 3.02 0.00	40.76 2.98 0.00	42.51 3.19 0.00	46.02 3.53 0.00	52.05 4.72 -1.01	68.93 5.02 -15.14	62.78 4.76 -11.75	51.15 4.52 -0.54	46.75 3.66 0.00	42.36 3.43 0.00	38.21 3.12 0.00	37.02 2.87 0.00
RAVENSWOOD_GT3_2 24249	32.28 1.27 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.23 2.70 0.00	44.09 3.04 0.00	41.79 3.02 0.00	40.50 2.96 0.00	45.33 3.28 0.00	41.78 3.17 0.00	40.72 3.02 0.00	40.76 2.98 0.00	42.51 3.19 0.00	46.02 3.53 0.00	52.05 4.72 -1.01	68.93 5.02 -15.14	62.78 4.76 -11.75	51.15 4.52 -0.54	46.75 3.66 0.00	42.36 3.43 0.00	38.21 3.12 0.00	37.02 2.87 0.00
RAVENSWOOD_GT3_3 24250	32.31 1.30 0.00	30.79 1.10 0.00	29.58 1.06 0.00	29.23 0.99 0.00	29.97 0.96 0.00	31.57 1.27 0.00	40.30 2.78 0.00	44.13 3.08 0.00	41.83 3.06 0.00	40.57 3.04 0.00	45.37 3.32 0.00	41.82 3.20 0.00	40.79 3.09 0.00	40.83 3.06 0.00	42.59 3.26 0.00	46.10 3.61 0.00	52.09 4.77 -1.01	69.03 5.12 -15.14	62.87 4.86 -11.75	51.20 4.56 -0.54	46.79 3.71 0.00	42.44 3.50 0.00	38.24 3.16 0.00	37.08 2.94 0.00
RAVENSWOOD_GT3_4 24251	32.31 1.30 0.00	30.79 1.10 0.00	29.58 1.06 0.00	29.23 0.99 0.00	29.97 0.96 0.00	31.57 1.27 0.00	40.30 2.78 0.00	44.13 3.08 0.00	41.83 3.06 0.00	40.57 3.04 0.00	45.37 3.32 0.00	41.82 3.20 0.00	40.79 3.09 0.00	40.83 3.06 0.00	42.59 3.26 0.00	46.10 3.61 0.00	52.09 4.77 -1.01	69.03 5.12 -15.14	62.87 4.86 -11.75	51.20 4.56 -0.54	46.79 3.71 0.00	42.44 3.50 0.00	38.24 3.16 0.00	37.08 2.94 0.00

RAVENSWOOD_GT_1 23729	32.38 1.36 0.00	30.79 1.10 0.00	29.61 1.08 0.00	29.23 0.99 0.00	30.00 0.99 0.00	31.57 1.27 0.00	40.26 2.74 0.00	44.09 3.04 0.00	41.79 3.02 0.00	40.57 3.04 0.00	45.41 3.36 0.00	41.90 3.28 0.00	40.87 3.17 0.00	40.91 3.14 0.00	42.67 3.34 0.00	46.19 3.70 0.00	52.28 4.95 -1.01	69.13 5.22 -15.14	63.05 5.04 -11.75	51.38 4.75 -0.54	46.84 3.75 0.00	42.52 3.58 0.00	38.38 3.30 0.00	37.23 3.07 -0.01
RAVENSWOOD_GT_10 24258	32.28 1.27 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.23 2.70 0.00	44.09 3.04 0.00	41.79 3.02 0.00	40.50 2.96 0.00	45.33 3.28 0.00	41.78 3.17 0.00	40.72 3.02 0.00	40.76 2.98 0.00	42.51 3.19 0.00	46.02 3.53 0.00	52.05 4.72 -1.01	68.93 5.02 -15.14	62.78 4.76 -11.75	51.15 4.52 -0.54	46.75 3.66 0.00	42.36 3.43 0.00	38.21 3.12 0.00	37.01 2.87 0.00
RAVENSWOOD_GT_11 24259	32.28 1.27 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.23 2.70 0.00	44.09 3.04 0.00	41.79 3.02 0.00	40.50 2.96 0.00	45.33 3.28 0.00	41.78 3.17 0.00	40.72 3.02 0.00	40.76 2.98 0.00	42.51 3.19 0.00	46.02 3.53 0.00	52.05 4.72 -1.01	68.93 5.02 -15.14	62.78 4.76 -11.75	51.15 4.52 -0.54	46.75 3.66 0.00	42.36 3.43 0.00	38.21 3.12 0.00	37.01 2.87 0.00
RAVENSWOOD_GT_4 24252	32.28 1.27 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.23 2.70 0.00	44.09 3.04 0.00	41.79 3.02 0.00	40.50 2.96 0.00	45.33 3.28 0.00	41.74 3.13 0.00	40.72 3.02 0.00	40.76 2.98 0.00	42.51 3.19 0.00	46.02 3.53 0.00	52.00 4.68 -1.01	68.93 5.02 -15.14	62.73 4.72 -11.75	51.10 4.47 -0.54	46.75 3.66 0.00	42.36 3.43 0.00	38.17 3.09 0.00	36.98 2.83 0.01
RAVENSWOOD_GT_5 24254	32.28 1.27 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.23 2.70 0.00	44.09 3.04 0.00	41.79 3.02 0.00	40.50 2.96 0.00	45.33 3.28 0.00	41.74 3.13 0.00	40.72 3.02 0.00	40.76 2.98 0.00	42.51 3.19 0.00	46.02 3.53 0.00	52.00 4.68 -1.01	68.93 5.02 -15.14	62.73 4.72 -11.75	51.10 4.47 -0.54	46.75 3.66 0.00	42.36 3.43 0.00	38.17 3.09 0.00	36.98 2.83 0.01
RAVENSWOOD_GT_6 24253	32.28 1.27 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.23 2.70 0.00	44.09 3.04 0.00	41.79 3.02 0.00	40.50 2.96 0.00	45.33 3.28 0.00	41.74 3.13 0.00	40.72 3.02 0.00	40.76 2.98 0.00	42.51 3.19 0.00	46.02 3.53 0.00	52.00 4.68 -1.01	68.93 5.02 -15.14	62.73 4.72 -11.75	51.10 4.47 -0.54	46.75 3.66 0.00	42.36 3.43 0.00	38.17 3.09 0.00	36.98 2.83 0.01
RAVENSWOOD_GT_7 24255	32.28 1.27 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.23 2.70 0.00	44.09 3.04 0.00	41.79 3.02 0.00	40.50 2.96 0.00	45.33 3.28 0.00	41.74 3.13 0.00	40.72 3.02 0.00	40.76 2.98 0.00	42.51 3.19 0.00	46.02 3.53 0.00	52.00 4.68 -1.01	68.93 5.02 -15.14	62.73 4.72 -11.75	51.10 4.47 -0.54	46.75 3.66 0.00	42.36 3.43 0.00	38.17 3.09 0.00	36.98 2.83 0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.28 1.27 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.23 2.70 0.00	44.09 3.04 0.00	41.79 3.02 0.00	40.50 2.96 0.00	45.33 3.28 0.00	41.78 3.17 0.00	40.72 3.02 0.00	40.76 2.98 0.00	42.51 3.19 0.00	46.02 3.53 0.00	52.05 4.72 -1.01	68.93 5.02 -15.14	62.78 4.76 -11.75	51.15 4.52 -0.54	46.75 3.66 0.00	42.36 3.43 0.00	38.21 3.12 0.00	37.01 2.87 0.00
RAVENSWOOD_GT_9 24257	32.28 1.27 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.23 2.70 0.00	44.09 3.04 0.00	41.79 3.02 0.00	40.50 2.96 0.00	45.33 3.28 0.00	41.78 3.17 0.00	40.72 3.02 0.00	40.76 2.98 0.00	42.51 3.19 0.00	46.02 3.53 0.00	52.05 4.72 -1.01	68.93 5.02 -15.14	62.78 4.76 -11.75	51.15 4.52 -0.54	46.75 3.66 0.00	42.36 3.43 0.00	38.21 3.12 0.00	37.01 2.87 0.00
RAVENSWOOD___1 23533	32.34 1.33 0.00	30.79 1.10 0.00	29.58 1.06 0.00	29.23 0.99 0.00	29.97 0.96 0.00	31.57 1.27 0.00	40.23 2.70 0.00	44.13 3.08 0.00	41.83 3.06 0.00	40.53 3.00 0.00	45.45 3.40 0.00	41.82 3.20 0.00	40.75 3.05 0.00	40.79 3.02 0.00	42.63 3.30 0.00	45.93 3.44 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.62 4.81 -11.55	51.19 4.56 -0.54	46.66 3.57 0.00	42.44 3.51 0.00	38.31 3.23 0.00	37.23 3.07 -0.01
RAVENSWOOD___2 23534	32.34 1.33 0.00	30.79 1.10 0.00	29.58 1.06 0.00	29.23 0.99 0.00	29.97 0.96 0.00	31.57 1.27 0.00	40.19 2.66 0.00	44.09 3.04 0.00	41.79 3.03 0.00	40.53 3.00 0.00	45.45 3.40 0.00	41.82 3.20 0.00	40.75 3.05 0.00	40.79 3.02 0.00	42.59 3.26 0.00	45.93 3.44 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.62 4.81 -11.55	51.19 4.56 -0.54	46.66 3.57 0.00	42.44 3.51 0.00	38.31 3.23 0.00	37.23 3.07 -0.01
RAVENSWOOD___3 23535	32.28 1.27 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.21 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.23 2.70 0.00	44.13 3.08 0.00	41.83 3.06 0.00	40.50 2.96 0.00	45.37 3.32 0.00	41.78 3.17 0.00	40.72 3.02 0.00	40.75 2.98 0.00	42.59 3.26 0.00	45.93 3.44 0.00	51.98 4.68 -1.00	68.63 4.98 -14.88	62.53 4.72 -11.55	51.09 4.47 -0.54	46.71 3.62 0.00	42.40 3.46 0.00	38.24 3.16 0.00	37.05 2.90 0.00
RAVENSWOOD___4 23820	32.34 1.33 0.00	30.76 1.07 0.00	29.58 1.06 0.00	29.21 0.96 0.00	29.97 0.96 0.00	31.54 1.24 0.00	40.19 2.66 0.00	44.09 3.04 0.00	41.79 3.03 0.00	40.53 3.00 0.00	45.45 3.40 0.00	41.82 3.20 0.00	40.72 3.02 0.00	40.75 2.98 0.00	42.59 3.26 0.00	45.89 3.40 0.00	52.03 4.73 -1.00	68.63 4.98 -14.88	62.62 4.81 -11.55	51.14 4.52 -0.54	46.66 3.57 0.00	42.40 3.46 0.00	38.31 3.23 0.00	37.19 3.04 -0.01
RCPI_TRUST___DRP 24196	32.28 1.27 0.00	30.73 1.04 0.00	29.55 1.03 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.26 2.74 0.00	44.13 3.08 0.00	41.79 3.02 0.00	40.53 3.00 0.00	45.33 3.28 0.00	41.78 3.17 0.00	40.72 3.02 0.00	40.76 2.98 0.00	42.51 3.19 0.00	46.02 3.53 0.00	52.05 4.72 -1.01	68.93 5.02 -15.14	62.77 4.76 -11.75	51.10 4.47 -0.54	46.75 3.66 0.00	42.36 3.43 0.00	38.17 3.09 0.00	36.98 2.83 0.00
RED___ROCHESTER 323720	30.80 -0.22 0.00	29.52 -0.18 0.00	28.27 -0.26 0.00	28.05 -0.20 0.00	28.84 -0.17 0.00	30.12 -0.18 0.00	38.24 0.71 0.00	41.30 0.25 0.00	39.19 0.43 0.00	37.98 0.45 0.00	42.26 0.21 0.00	38.35 -0.27 0.00	37.44 -0.26 0.00	37.58 -0.19 0.00	38.77 -0.55 0.00	42.19 -0.30 0.00	46.85 0.42 -0.12	51.80 1.17 -1.86	47.94 0.23 -1.44	46.02 -0.14 -0.07	42.40 -0.69 0.00	38.04 -0.89 0.00	34.31 -0.77 0.00	33.77 -0.37 0.00

REGAN____SOLAR 323812	34.21 3.19 0.00	32.72 3.03 0.00	31.41 2.88 0.00	31.24 2.99 0.00	32.18 3.16 0.00	33.99 3.69 0.00	42.85 5.33 0.00	47.13 6.07 0.00	43.88 5.12 0.00	42.07 4.54 0.00	47.13 5.09 0.00	42.79 4.17 0.00	42.03 4.33 0.00	42.45 4.68 0.00	44.51 5.19 0.00	48.44 5.95 0.00	55.34 7.50 -1.54	80.22 8.53 -22.92	71.54 7.49 -17.79	54.06 7.14 -0.82	49.68 6.59 0.00	44.46 5.53 0.00	39.79 4.70 0.00	38.45 4.30 0.00
RENSSELAER____COGEN 23796	31.48 0.47 0.00	30.08 0.39 0.00	28.90 0.37 0.00	28.61 0.37 0.00	29.36 0.35 0.00	30.84 0.55 0.00	38.09 0.56 0.00	41.59 0.53 0.00	39.19 0.43 0.00	37.98 0.45 0.00	42.85 0.80 0.00	39.50 0.89 0.00	38.57 0.87 0.00	38.64 0.87 0.00	40.27 0.94 0.00	43.47 0.98 0.00	48.97 1.34 -1.32	70.01 1.51 -19.72	62.86 1.29 -15.31	48.09 1.29 -0.71	44.21 1.12 0.00	40.02 1.09 0.00	36.06 0.98 0.00	35.10 0.95 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.00 1.98 0.00	31.54 1.84 0.00	30.27 1.74 0.00	30.05 1.81 0.00	30.96 1.94 0.00	32.66 2.36 0.00	41.28 3.75 0.00	45.53 4.47 0.00	42.68 3.92 0.00	41.13 3.60 0.00	46.08 4.04 0.00	42.13 3.51 0.00	40.90 3.20 0.00	40.98 3.21 0.00	42.67 3.34 0.00	46.31 3.82 0.00	52.80 5.14 -1.36	74.86 5.85 -20.24	67.06 5.09 -15.71	51.61 4.79 -0.73	47.35 4.27 0.00	42.79 3.85 0.00	38.28 3.19 0.00	37.22 3.07 0.00
REVERE_CPPR_DRP 24186	32.07 1.05 0.00	30.70 1.01 0.00	29.53 1.00 0.00	29.20 0.96 0.00	30.03 1.02 0.00	31.48 1.18 0.00	39.40 1.88 0.00	43.27 2.22 0.00	40.78 2.02 0.00	39.41 1.88 0.00	44.15 2.10 0.00	40.47 1.85 0.00	39.55 1.85 0.00	39.66 1.89 0.00	41.37 2.04 0.00	44.70 2.21 0.00	49.19 2.82 -0.06	52.95 3.32 -0.86	49.65 2.73 -0.66	48.61 2.49 -0.03	45.29 2.20 0.00	40.73 1.79 0.00	36.59 1.51 0.00	35.62 1.47 0.00
REYNOLDS_115KV_TB3 80639	31.76 0.74 0.00	30.35 0.65 0.00	29.16 0.63 0.00	28.87 0.62 0.00	29.62 0.61 0.00	31.12 0.82 0.00	38.27 0.75 0.00	41.87 0.82 0.00	39.47 0.70 0.00	38.24 0.71 0.00	43.18 1.14 0.00	39.77 1.16 0.00	38.83 1.13 0.00	38.90 1.13 0.00	40.46 1.14 0.00	43.81 1.32 0.00	49.34 1.71 -1.32	70.32 1.90 -19.64	63.17 1.67 -15.25	48.46 1.66 -0.71	44.55 1.47 0.00	40.30 1.36 0.00	36.38 1.30 0.00	35.27 1.13 0.00
RIVERBAY____ 323610	32.78 1.77 0.00	31.18 1.48 0.00	29.95 1.43 0.00	29.57 1.33 0.00	30.32 1.31 0.00	31.93 1.64 0.00	40.68 3.15 0.00	44.46 3.41 0.00	42.10 3.33 0.00	40.83 3.30 0.00	45.79 3.74 0.00	42.24 3.63 0.00	41.21 3.51 0.00	41.25 3.47 0.00	43.02 3.70 0.00	46.53 4.04 0.00	52.74 5.42 -1.01	69.62 5.71 -15.14	63.61 5.60 -11.75	51.93 5.30 -0.54	47.18 4.09 0.00	42.98 4.05 0.00	38.84 3.75 0.00	37.81 3.65 -0.01
RIVERSDE_115KV_TB3 55908	31.63 0.62 0.00	30.23 0.53 0.00	29.01 0.48 0.00	28.75 0.51 0.00	29.51 0.49 0.00	30.99 0.70 0.00	38.20 0.68 0.00	41.79 0.74 0.00	39.39 0.62 0.00	38.17 0.64 0.00	43.10 1.05 0.00	39.69 1.08 0.00	38.76 1.06 0.00	38.83 1.06 0.00	40.39 1.06 0.00	43.72 1.23 0.00	49.25 1.62 -1.32	70.26 1.80 -19.68	63.11 1.57 -15.28	48.36 1.57 -0.71	44.47 1.38 0.00	40.22 1.28 0.00	36.35 1.26 0.00	35.21 1.06 0.00
ROARING____BROOK_WT_PWR 323790	30.98 -0.03 0.00	29.72 0.03 0.00	28.56 0.03 0.00	28.24 0.00 0.00	29.04 0.03 0.00	30.30 0.00 0.00	37.26 -0.26 0.00	40.85 -0.20 0.00	38.54 -0.23 0.00	37.31 -0.22 0.00	41.80 -0.25 0.00	38.42 -0.19 0.00	37.55 -0.15 0.00	37.62 -0.15 0.00	39.17 -0.16 0.00	42.24 -0.25 0.00	45.84 -0.46 0.00	48.09 -0.68 0.00	45.80 -0.46 0.00	45.67 -0.42 0.00	42.83 -0.26 0.00	38.74 -0.19 0.00	34.87 -0.21 0.00	33.98 -0.17 0.00
ROCHESRG_115KV_T4 355643	30.52 -0.50 0.00	29.28 -0.42 0.00	28.01 -0.51 0.00	27.82 -0.42 0.00	28.61 -0.41 0.00	29.81 -0.48 0.00	37.82 0.30 0.00	40.81 -0.25 0.00	38.69 -0.08 0.00	37.46 -0.08 0.00	41.71 -0.34 0.00	37.84 -0.77 0.00	36.98 -0.72 0.00	37.05 -0.72 0.00	38.58 -0.75 0.00	41.64 -0.85 0.00	46.25 -0.19 -0.13	51.13 0.49 -1.87	47.30 -0.42 -1.45	45.42 -0.74 -0.07	41.88 -1.21 0.00	37.65 -1.28 0.00	33.96 -1.12 0.00	33.46 -0.68 0.00
ROCHESTER_9_IC 23652	30.67 -0.34 0.00	29.43 -0.27 0.00	28.16 -0.37 0.00	27.96 -0.28 0.00	28.72 -0.29 0.00	29.99 -0.30 0.00	38.05 0.53 0.00	41.09 0.04 0.00	38.96 0.19 0.00	37.72 0.19 0.00	42.05 0.00 0.00	38.11 -0.50 0.00	37.25 -0.45 0.00	37.36 -0.42 0.00	38.85 -0.47 0.00	41.98 -0.51 0.00	46.62 0.19 -0.13	51.52 0.88 -1.87	47.66 -0.05 -1.45	45.74 -0.41 -0.07	42.14 -0.95 0.00	37.88 -1.05 0.00	34.17 -0.91 0.00	33.67 -0.48 0.00
ROCKVIEW_13_KV_LD 356306	32.38 1.36 0.00	30.82 1.13 0.00	29.64 1.11 0.00	29.32 1.07 0.00	30.06 1.04 0.00	31.66 1.36 0.00	40.34 2.81 0.00	44.30 3.24 0.00	41.95 3.18 0.00	40.61 3.08 0.00	45.41 3.36 0.00	41.86 3.24 0.00	40.79 3.09 0.00	40.83 3.06 0.00	42.59 3.26 0.00	46.10 3.61 0.00	52.14 4.82 -1.01	69.13 5.22 -15.14	62.91 4.90 -11.75	51.24 4.61 -0.54	46.92 3.83 0.00	42.44 3.50 0.00	38.24 3.16 0.00	37.05 2.90 0.00
ROME____115KV_TB2 80656	32.07 1.05 0.00	30.70 1.01 0.00	29.53 1.00 0.00	29.20 0.96 0.00	30.03 1.02 0.00	31.48 1.18 0.00	39.40 1.88 0.00	43.27 2.22 0.00	40.78 2.02 0.00	39.41 1.88 0.00	44.15 2.10 0.00	40.47 1.85 0.00	39.55 1.85 0.00	39.66 1.89 0.00	41.37 2.04 0.00	44.70 2.21 0.00	49.19 2.82 -0.06	52.95 3.32 -0.86	49.65 2.73 -0.66	48.61 2.49 -0.03	45.29 2.20 0.00	40.73 1.79 0.00	36.59 1.51 0.00	35.62 1.47 0.00
ROSETON____1 23587	32.10 1.08 0.00	30.58 0.89 0.00	29.41 0.89 0.00	29.09 0.85 0.00	29.82 0.81 0.00	31.39 1.09 0.00	39.78 2.25 0.00	43.60 2.55 0.00	41.25 2.48 0.00	39.93 2.40 0.00	44.78 2.73 0.00	41.20 2.59 0.00	40.19 2.49 0.00	40.23 2.45 0.00	42.00 2.68 0.00	45.38 2.89 0.00	51.18 3.89 -0.98	67.58 4.20 -14.61	61.49 3.89 -11.34	50.30 3.69 -0.53	46.15 3.06 0.00	41.86 2.92 0.00	37.72 2.63 0.00	36.54 2.39 0.00
ROSETON____2 23588	32.10 1.08 0.00	30.58 0.89 0.00	29.41 0.89 0.00	29.09 0.85 0.00	29.82 0.81 0.00	31.39 1.09 0.00	39.78 2.25 0.00	43.60 2.55 0.00	41.25 2.48 0.00	39.93 2.40 0.00	44.78 2.73 0.00	41.20 2.59 0.00	40.19 2.49 0.00	40.23 2.45 0.00	42.00 2.68 0.00	45.38 2.89 0.00	51.18 3.89 -0.98	67.58 4.20 -14.61	61.49 3.89 -11.34	50.30 3.69 -0.53	46.15 3.06 0.00	41.86 2.92 0.00	37.72 2.63 0.00	36.54 2.39 0.00
ROTTDRAM_115KV_TB3 80664	32.00 0.99 0.00	30.59 0.89 0.00	29.38 0.86 0.00	29.09 0.85 0.00	29.88 0.87 0.00	31.36 1.06 0.00	39.03 1.50 0.00	42.74 1.68 0.00	40.28 1.51 0.00	38.99 1.46 0.00	43.81 1.77 0.00	40.24 1.62 0.00	39.25 1.55 0.00	39.32 1.55 0.00	40.98 1.65 0.00	44.36 1.87 0.00	50.04 2.36 -1.37	71.88 2.63 -20.47	64.51 2.36 -15.89	49.13 2.30 -0.74	45.11 2.03 0.00	40.77 1.83 0.00	36.73 1.65 0.00	35.68 1.54 0.00

RUSSELL___1 23602	30.79 -0.22 0.00	29.55 -0.15 0.00	28.27 -0.26 0.00	28.05 -0.20 0.00	28.84 -0.17 0.00	30.09 -0.21 0.00	38.24 0.71 0.00	41.30 0.25 0.00	39.19 0.43 0.00	37.94 0.41 0.00	42.30 0.25 0.00	38.34 -0.27 0.00	37.44 -0.26 0.00	37.54 -0.23 0.00	39.09 -0.24 0.00	42.19 -0.30 0.00	46.90 0.46 -0.13	51.81 1.17 -1.87	47.94 0.23 -1.45	46.02 -0.14 -0.07	42.40 -0.69 0.00	38.12 -0.82 0.00	34.35 -0.74 0.00	33.84 -0.31 0.00
RUSSELL___2 23532	30.79 -0.22 0.00	29.55 -0.15 0.00	28.27 -0.26 0.00	28.05 -0.20 0.00	28.84 -0.17 0.00	30.09 -0.21 0.00	38.24 0.71 0.00	41.30 0.25 0.00	39.19 0.43 0.00	37.94 0.41 0.00	42.30 0.25 0.00	38.34 -0.27 0.00	37.44 -0.26 0.00	37.54 -0.23 0.00	39.09 -0.24 0.00	42.19 -0.30 0.00	46.90 0.46 -0.13	51.81 1.17 -1.87	47.94 0.23 -1.45	46.02 -0.14 -0.07	42.40 -0.69 0.00	38.12 -0.82 0.00	34.35 -0.74 0.00	33.84 -0.31 0.00
RUSSELL___3 23549	30.79 -0.22 0.00	29.55 -0.15 0.00	28.27 -0.26 0.00	28.05 -0.20 0.00	28.84 -0.17 0.00	30.09 -0.21 0.00	38.24 0.71 0.00	41.30 0.25 0.00	39.19 0.43 0.00	37.94 0.41 0.00	42.30 0.25 0.00	38.34 -0.27 0.00	37.44 -0.26 0.00	37.54 -0.23 0.00	39.09 -0.24 0.00	42.19 -0.30 0.00	46.90 0.46 -0.13	51.81 1.17 -1.87	47.94 0.23 -1.45	46.02 -0.14 -0.07	42.40 -0.69 0.00	38.12 -0.82 0.00	34.35 -0.74 0.00	33.84 -0.31 0.00
RUSSELL___4 23556	30.79 -0.22 0.00	29.55 -0.15 0.00	28.27 -0.26 0.00	28.05 -0.20 0.00	28.84 -0.17 0.00	30.09 -0.21 0.00	38.24 0.71 0.00	41.30 0.25 0.00	39.19 0.43 0.00	37.94 0.41 0.00	42.30 0.25 0.00	38.34 -0.27 0.00	37.44 -0.26 0.00	37.54 -0.23 0.00	39.09 -0.24 0.00	42.19 -0.30 0.00	46.90 0.46 -0.13	51.81 1.17 -1.87	47.94 0.23 -1.45	46.02 -0.14 -0.07	42.40 -0.69 0.00	38.12 -0.82 0.00	34.35 -0.74 0.00	33.84 -0.31 0.00
RUSSELL___STATION 23914	30.79 -0.22 0.00	29.55 -0.15 0.00	28.27 -0.26 0.00	28.05 -0.20 0.00	28.84 -0.17 0.00	30.09 -0.21 0.00	38.24 0.71 0.00	41.30 0.25 0.00	39.19 0.43 0.00	37.94 0.41 0.00	42.30 0.25 0.00	38.34 -0.27 0.00	37.44 -0.26 0.00	37.54 -0.23 0.00	39.09 -0.24 0.00	42.19 -0.30 0.00	46.90 0.46 -0.13	51.81 1.17 -1.87	47.94 0.23 -1.45	46.02 -0.14 -0.07	42.40 -0.69 0.00	38.12 -0.82 0.00	34.35 -0.74 0.00	33.84 -0.31 0.00
S SALMON___HYD 24043	30.45 -0.56 0.00	29.19 -0.50 0.00	28.04 -0.49 0.00	27.76 -0.48 0.00	28.55 -0.47 0.00	29.75 -0.54 0.00	37.11 -0.41 0.00	40.56 -0.49 0.00	38.26 -0.51 0.00	37.04 -0.49 0.00	41.46 -0.59 0.00	38.07 -0.54 0.00	37.14 -0.56 0.00	37.24 -0.53 0.00	38.69 -0.63 0.00	41.90 -0.59 0.00	46.11 -0.28 -0.08	49.99 0.05 -1.17	46.94 -0.23 -0.91	45.72 -0.42 -0.04	42.53 -0.56 0.00	38.31 -0.62 0.00	34.59 -0.49 0.00	33.70 -0.44 0.00
S.PERRY___115KV_TB1 80734	32.00 0.99 0.00	30.73 1.04 0.00	29.41 0.88 0.00	29.20 0.96 0.00	30.06 1.04 0.00	31.48 1.18 0.00	40.38 2.85 0.00	43.64 2.59 0.00	41.36 2.60 0.00	39.97 2.44 0.00	44.40 2.35 0.00	40.16 1.54 0.00	39.21 1.51 0.00	39.36 1.59 0.00	41.01 1.69 0.00	44.10 1.61 0.00	48.70 2.22 -0.17	54.63 3.32 -2.54	50.27 2.04 -1.97	47.75 1.57 -0.09	44.38 1.29 0.00	39.79 0.86 0.00	35.82 0.74 0.00	35.31 1.16 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.79 -0.22 0.00	29.64 -0.06 0.00	28.38 -0.14 0.00	28.24 0.00 0.00	29.01 0.00 0.00	30.21 -0.09 0.00	38.50 0.98 0.00	40.89 -0.16 0.00	38.85 0.08 0.00	37.57 0.04 0.00	41.71 -0.34 0.00	37.53 -1.08 0.00	36.76 -0.94 0.00	36.83 -0.94 0.00	38.30 -1.02 0.00	41.30 -1.19 0.00	45.05 -1.39 -0.13	50.14 -0.44 -1.81	45.95 -1.71 -1.40	44.09 -2.07 -0.07	41.41 -1.68 0.00	37.14 -1.79 0.00	33.61 -1.47 0.00	33.57 -0.58 0.00
SAWYER___23_KV_LOAD 55526	30.79 -0.22 0.00	29.64 -0.06 0.00	28.38 -0.14 0.00	28.24 0.00 0.00	29.01 0.00 0.00	30.21 -0.09 0.00	38.50 0.98 0.00	40.89 -0.16 0.00	38.85 0.08 0.00	37.57 0.04 0.00	41.71 -0.34 0.00	37.53 -1.08 0.00	36.76 -0.94 0.00	36.83 -0.94 0.00	38.30 -1.02 0.00	41.30 -1.19 0.00	45.05 -1.39 -0.13	50.14 -0.44 -1.81	45.95 -1.71 -1.40	44.09 -2.07 -0.07	41.41 -1.68 0.00	37.14 -1.79 0.00	33.61 -1.47 0.00	33.57 -0.58 0.00
SELKIRK___I 23801	31.85 0.84 0.00	30.47 0.77 0.00	29.27 0.74 0.00	28.98 0.73 0.00	29.77 0.75 0.00	31.24 0.94 0.00	38.61 1.09 0.00	42.16 1.11 0.00	39.70 0.93 0.00	38.47 0.94 0.00	43.31 1.26 0.00	39.89 1.27 0.00	38.91 1.21 0.00	38.98 1.21 0.00	40.62 1.30 0.00	43.89 1.40 0.00	49.41 1.80 -1.30	70.12 2.00 -19.34	63.08 1.80 -15.02	48.58 1.80 -0.70	44.73 1.64 0.00	40.45 1.52 0.00	36.45 1.37 0.00	35.48 1.33 0.00
SELKIRK___II 23799	31.63 0.62 0.00	30.23 0.54 0.00	29.04 0.51 0.00	28.75 0.51 0.00	29.54 0.52 0.00	30.99 0.70 0.00	38.35 0.82 0.00	41.87 0.82 0.00	39.50 0.73 0.00	38.24 0.71 0.00	43.10 1.05 0.00	39.66 1.04 0.00	38.72 1.02 0.00	38.79 1.02 0.00	40.42 1.10 0.00	43.68 1.19 0.00	49.20 1.58 -1.31	70.12 1.75 -19.60	63.00 1.52 -15.21	48.31 1.52 -0.71	44.43 1.34 0.00	40.22 1.28 0.00	36.24 1.16 0.00	35.24 1.09 0.00
SENECA OSWGO___HYD 24041	30.42 -0.59 0.00	29.16 -0.53 0.00	28.01 -0.51 0.00	27.74 -0.51 0.00	28.49 -0.52 0.00	29.72 -0.58 0.00	37.15 -0.38 0.00	40.56 -0.49 0.00	38.34 -0.43 0.00	37.12 -0.41 0.00	41.55 -0.50 0.00	38.07 -0.54 0.00	37.14 -0.56 0.00	37.21 -0.57 0.00	38.74 -0.59 0.00	41.94 -0.55 0.00	46.12 -0.28 -0.09	50.08 0.00 -1.31	46.96 -0.32 -1.02	45.72 -0.42 -0.05	42.49 -0.60 0.00	38.27 -0.66 0.00	34.56 -0.53 0.00	33.64 -0.51 0.00
SENECA___115KV_TB3 355854	31.35 0.34 0.00	30.20 0.50 0.00	28.90 0.37 0.00	28.75 0.51 0.00	29.56 0.55 0.00	30.78 0.48 0.00	39.36 1.84 0.00	41.83 0.78 0.00	39.70 0.93 0.00	38.39 0.86 0.00	42.59 0.55 0.00	38.38 -0.23 0.00	37.55 -0.15 0.00	37.66 -0.11 0.00	39.13 -0.20 0.00	42.24 -0.25 0.00	45.61 -0.83 -0.14	50.93 0.20 -1.96	46.63 -1.16 -1.53	44.60 -1.57 -0.08	42.36 -0.73 0.00	38.00 -0.93 0.00	34.35 -0.74 0.00	34.25 0.10 0.00
SENECA___ENERGY 23797	30.83 -0.18 0.00	29.55 -0.15 0.00	28.36 -0.17 0.00	28.10 -0.14 0.00	28.90 -0.12 0.00	30.27 -0.03 0.00	38.20 0.68 0.00	41.51 0.45 0.00	39.39 0.62 0.00	38.13 0.60 0.00	42.43 0.38 0.00	38.81 0.19 0.00	37.85 0.15 0.00	37.96 0.19 0.00	39.40 0.08 0.00	42.58 0.09 0.00	46.91 0.46 -0.13	51.76 0.98 -2.01	48.28 0.46 -1.56	46.35 0.19 -0.07	43.09 0.00 0.00	38.82 -0.12 0.00	34.94 -0.14 0.00	34.11 -0.03 0.00
SHOEMAKER___GT 23640	31.88 0.87 0.00	30.41 0.71 0.00	29.24 0.71 0.00	28.92 0.68 0.00	29.68 0.67 0.00	31.18 0.88 0.00	39.44 1.91 0.00	43.15 2.09 0.00	40.74 1.98 0.00	39.41 1.88 0.00	44.15 2.10 0.00	40.66 2.05 0.00	39.62 1.92 0.00	39.66 1.89 0.00	41.45 2.12 0.00	44.78 2.29 0.00	50.36 3.15 -0.90	65.67 3.46 -13.43	59.88 3.19 -10.43	49.61 3.04 -0.48	45.59 2.50 0.00	41.31 2.38 0.00	37.22 2.14 0.00	36.09 1.95 0.00

SHOEMAKR_138KV_BK 111 55601	31.85 0.84 0.00	30.38 0.68 0.00	29.21 0.68 0.00	28.92 0.68 0.00	29.65 0.64 0.00	31.15 0.85 0.00	39.44 1.91 0.00	43.11 2.05 0.00	40.74 1.98 0.00	39.41 1.88 0.00	44.11 2.06 0.00	40.62 2.01 0.00	39.58 1.88 0.00	39.66 1.89 0.00	41.37 2.04 0.00	44.78 2.29 0.00	50.37 3.15 -0.91	65.80 3.46 -13.56	59.98 3.19 -10.53	49.57 3.00 -0.49	45.59 2.50 0.00	41.23 2.30 0.00	37.19 2.10 0.00	36.06 1.91 0.00
SHOREHAM_IC_1 23715	35.83 3.26 -1.56	35.23 2.85 -2.69	33.22 2.80 -1.89	31.23 2.65 -0.34	32.17 2.70 -0.46	35.33 3.24 -1.79	44.24 5.21 -1.51	48.89 5.75 -2.09	46.05 5.58 -1.70	44.16 5.25 -1.37	50.18 5.72 -2.42	44.83 5.29 -0.93	44.24 4.90 -1.64	44.02 4.87 -1.38	45.86 5.55 -0.99	50.36 6.12 -1.75	55.74 7.50 -1.93	72.46 8.15 -15.54	66.90 7.63 -13.01	56.86 7.37 -3.40	52.56 6.42 -3.05	46.53 5.96 -1.64	41.75 5.37 -1.30	40.52 4.88 -1.49
SHOREHAM_IC_2 23716	35.83 3.26 -1.56	35.23 2.85 -2.69	33.22 2.80 -1.89	31.23 2.65 -0.34	32.17 2.70 -0.46	35.33 3.24 -1.79	44.24 5.21 -1.51	48.89 5.75 -2.09	46.05 5.58 -1.70	44.16 5.25 -1.37	50.18 5.72 -2.42	44.83 5.29 -0.93	44.24 4.90 -1.64	44.02 4.87 -1.38	45.86 5.55 -0.99	50.36 6.12 -1.75	55.74 7.50 -1.93	72.46 8.15 -15.54	66.90 7.63 -13.01	56.86 7.37 -3.40	52.56 6.42 -3.05	46.53 5.96 -1.64	41.75 5.37 -1.30	40.52 4.88 -1.49
SISSONVILLE____ 23735	31.38 0.37 0.00	30.29 0.59 0.00	29.13 0.60 0.00	28.78 0.54 0.00	29.65 0.64 0.00	30.54 0.24 0.00	36.96 -0.56 0.00	40.60 -0.45 0.00	38.26 -0.50 0.00	37.01 -0.53 0.00	41.75 -0.29 0.00	38.50 -0.12 0.00	37.59 -0.11 0.00	37.70 -0.08 0.00	39.28 -0.04 0.00	41.85 -0.64 0.00	44.92 -1.39 0.00	46.53 -2.24 0.00	44.92 -1.34 0.00	44.84 -1.24 0.00	42.36 -0.73 0.00	38.70 -0.23 0.00	34.84 -0.25 0.00	34.01 -0.14 0.00
SITHE_IND_GS1 24169	29.96 -1.05 0.00	28.68 -1.01 0.00	27.56 -0.97 0.00	27.31 -0.93 0.00	28.03 -0.99 0.00	29.21 -1.09 0.00	36.40 -1.12 0.00	39.74 -1.32 0.00	37.57 -1.20 0.00	36.37 -1.16 0.00	40.70 -1.35 0.00	37.30 -1.31 0.00	36.42 -1.28 0.00	36.49 -1.28 0.00	37.95 -1.38 0.00	41.09 -1.40 0.00	45.03 -1.34 -0.07	48.55 -1.22 -0.99	45.69 -1.34 -0.77	44.65 -1.48 -0.04	41.58 -1.51 0.00	37.50 -1.44 0.00	33.82 -1.26 0.00	32.95 -1.20 0.00
SITHE_IND_GS2 24170	29.96 -1.05 0.00	28.68 -1.01 0.00	27.56 -0.97 0.00	27.31 -0.93 0.00	28.03 -0.99 0.00	29.21 -1.09 0.00	36.40 -1.12 0.00	39.74 -1.32 0.00	37.57 -1.20 0.00	36.37 -1.16 0.00	40.70 -1.35 0.00	37.30 -1.31 0.00	36.42 -1.28 0.00	36.49 -1.28 0.00	37.95 -1.38 0.00	41.09 -1.40 0.00	45.03 -1.34 -0.07	48.55 -1.22 -0.99	45.69 -1.34 -0.77	44.65 -1.48 -0.04	41.58 -1.51 0.00	37.50 -1.44 0.00	33.82 -1.26 0.00	32.95 -1.20 0.00
SITHE_IND_GS3 24171	29.96 -1.05 0.00	28.68 -1.01 0.00	27.56 -0.97 0.00	27.31 -0.93 0.00	28.03 -0.99 0.00	29.21 -1.09 0.00	36.40 -1.12 0.00	39.74 -1.32 0.00	37.57 -1.20 0.00	36.37 -1.16 0.00	40.70 -1.35 0.00	37.30 -1.31 0.00	36.42 -1.28 0.00	36.49 -1.28 0.00	37.95 -1.38 0.00	41.09 -1.40 0.00	45.03 -1.34 -0.07	48.55 -1.22 -0.99	45.69 -1.34 -0.77	44.65 -1.48 -0.04	41.58 -1.51 0.00	37.50 -1.44 0.00	33.82 -1.26 0.00	32.95 -1.20 0.00
SITHE_IND_GS4 24172	29.96 -1.05 0.00	28.68 -1.01 0.00	27.56 -0.97 0.00	27.31 -0.93 0.00	28.03 -0.99 0.00	29.21 -1.09 0.00	36.40 -1.12 0.00	39.74 -1.32 0.00	37.57 -1.20 0.00	36.37 -1.16 0.00	40.70 -1.35 0.00	37.30 -1.31 0.00	36.42 -1.28 0.00	36.49 -1.28 0.00	37.95 -1.38 0.00	41.09 -1.40 0.00	45.03 -1.34 -0.07	48.55 -1.22 -0.99	45.69 -1.34 -0.77	44.65 -1.48 -0.04	41.58 -1.51 0.00	37.50 -1.44 0.00	33.82 -1.26 0.00	32.95 -1.20 0.00
SITHE____BATAVIA 24024	31.20 0.19 0.00	29.99 0.30 0.00	28.64 0.11 0.00	28.50 0.25 0.00	29.30 0.29 0.00	30.57 0.27 0.00	39.10 1.58 0.00	41.79 0.74 0.00	39.70 0.93 0.00	38.43 0.90 0.00	42.64 0.59 0.00	38.42 -0.19 0.00	37.59 -0.11 0.00	37.70 -0.08 0.00	38.81 -0.51 0.00	42.32 -0.17 0.00	46.57 0.14 -0.13	51.80 1.22 -1.81	47.53 -0.14 -1.41	45.61 -0.55 -0.07	42.40 -0.69 0.00	37.92 -1.01 0.00	34.28 -0.81 0.00	34.01 -0.14 0.00
SITHE____INDEPEND 23800	29.96 -1.05 0.00	28.68 -1.01 0.00	27.56 -0.97 0.00	27.31 -0.93 0.00	28.03 -0.99 0.00	29.21 -1.09 0.00	36.40 -1.13 0.00	39.78 -1.27 0.00	37.57 -1.20 0.00	36.37 -1.16 0.00	40.70 -1.35 0.00	37.30 -1.31 0.00	36.42 -1.28 0.00	36.49 -1.28 0.00	37.99 -1.34 0.00	41.09 -1.40 0.00	45.03 -1.34 -0.07	48.55 -1.22 -1.00	45.69 -1.34 -0.77	44.65 -1.47 -0.04	41.58 -1.51 0.00	37.53 -1.40 0.00	33.82 -1.26 0.00	32.99 -1.16 0.00
SITHE____MASSENA 23902	31.48 0.47 0.00	30.32 0.62 0.00	29.15 0.63 0.00	28.81 0.56 0.00	29.65 0.64 0.00	30.66 0.36 0.00	37.30 -0.22 0.00	40.93 -0.12 0.00	38.61 -0.15 0.00	37.38 -0.15 0.00	41.92 -0.13 0.00	38.61 0.00 0.00	37.78 0.08 0.00	37.85 0.08 0.00	39.40 0.08 0.00	42.32 -0.17 0.00	45.56 -0.74 0.00	47.21 -1.56 0.00	45.52 -0.74 0.00	45.49 -0.60 0.00	42.83 -0.26 0.00	38.86 -0.08 0.00	34.98 -0.10 0.00	34.11 -0.03 0.00
SITHE____OGDNSBRG 24021	31.88 0.87 0.00	30.79 1.10 0.00	29.61 1.08 0.00	29.26 1.02 0.00	30.12 1.10 0.00	31.08 0.79 0.00	37.75 0.23 0.00	41.59 0.53 0.00	39.16 0.39 0.00	37.87 0.34 0.00	42.59 0.55 0.00	39.23 0.62 0.00	38.30 0.60 0.00	38.45 0.68 0.00	40.07 0.75 0.00	42.92 0.42 0.00	46.12 -0.19 0.00	47.80 -0.98 0.00	46.12 -0.14 0.00	46.04 -0.05 0.00	43.39 0.30 0.00	39.44 0.51 0.00	35.43 0.35 0.00	34.56 0.41 0.00
SITHE____STERLING 23777	31.79 0.78 0.00	30.47 0.77 0.00	29.30 0.77 0.00	28.98 0.73 0.00	29.80 0.78 0.00	31.24 0.94 0.00	39.10 1.58 0.00	42.90 1.85 0.00	40.43 1.67 0.00	39.11 1.58 0.00	43.77 1.72 0.00	40.12 1.50 0.00	39.17 1.47 0.00	39.28 1.51 0.00	40.98 1.65 0.00	44.32 1.83 0.00	48.69 2.31 -0.07	52.43 2.68 -0.98	49.20 2.17 -0.76	48.06 1.94 -0.04	44.81 1.73 0.00	40.30 1.36 0.00	36.24 1.16 0.00	35.31 1.16 0.00
SLEIGHT__34_KV_TB1 80719	30.52 -0.50 0.00	29.25 -0.45 0.00	28.04 -0.48 0.00	27.79 -0.45 0.00	28.58 -0.44 0.00	29.87 -0.42 0.00	37.82 0.30 0.00	41.09 0.04 0.00	38.96 0.19 0.00	37.72 0.19 0.00	42.09 0.04 0.00	38.34 -0.27 0.00	37.44 -0.26 0.00	37.51 -0.26 0.00	39.05 -0.28 0.00	42.19 -0.30 0.00	46.76 0.32 -0.12	51.51 0.88 -1.85	47.88 0.19 -1.44	46.02 -0.14 -0.07	42.49 -0.60 0.00	38.20 -0.74 0.00	34.38 -0.70 0.00	33.70 -0.44 0.00
SOUTH CAIRO____GT 23612	32.47 1.46 0.00	31.03 1.34 0.00	29.75 1.23 0.00	29.54 1.30 0.00	30.35 1.34 0.00	31.93 1.63 0.00	39.59 2.06 0.00	42.78 1.72 0.00	40.04 1.28 0.00	38.66 1.12 0.00	43.43 1.39 0.00	40.12 1.50 0.00	39.17 1.47 0.00	39.21 1.43 0.00	40.94 1.61 0.00	44.45 1.96 0.00	50.09 2.55 -1.24	70.52 3.22 -18.53	63.51 2.87 -14.39	49.52 2.77 -0.67	45.63 2.54 0.00	41.31 2.38 0.00	37.12 2.03 0.00	36.23 2.08 0.00

SOUTH HAMPTN___IC 23720	36.15 3.60 -1.54	35.52 3.18 -2.65	33.50 3.11 -1.87	31.54 2.96 -0.33	32.48 3.02 -0.45	35.64 3.57 -1.77	44.71 5.70 -1.48	49.39 6.28 -2.06	46.53 6.09 -1.68	44.59 5.70 -1.35	50.61 6.18 -2.38	45.28 5.75 -0.91	44.63 5.32 -1.62	44.38 5.25 -1.36	46.28 5.97 -0.98	50.84 6.63 -1.72	56.32 8.10 -1.92	73.13 8.83 -15.53	67.49 8.23 -12.99	57.42 7.97 -3.36	53.08 6.98 -3.01	47.01 6.47 -1.61	42.15 5.79 -1.28	40.87 5.26 -1.47
SOUTH DOW__115KV_TB1 355954	32.69 1.67 0.00	31.51 1.81 0.00	30.12 1.60 0.00	30.00 1.75 0.00	30.87 1.86 0.00	32.24 1.94 0.00	41.58 4.05 0.00	44.38 3.33 0.00	42.06 3.30 0.00	40.61 3.08 0.00	45.12 3.07 0.00	40.58 1.97 0.00	39.74 2.04 0.00	39.81 2.04 0.00	41.37 2.04 0.00	44.61 2.12 0.00	47.80 1.34 -0.15	53.65 2.68 -2.19	48.98 1.02 -1.70	46.77 0.60 -0.08	44.77 1.68 0.00	40.10 1.17 0.00	36.14 1.05 0.00	35.85 1.71 0.00
SOUTHOLD_69_KV_BK 2 55809	36.68 4.12 -1.54	35.97 3.62 -2.65	33.93 3.54 -1.87	31.96 3.39 -0.33	32.92 3.45 -0.45	36.15 4.09 -1.77	45.46 6.45 -1.48	50.30 7.18 -2.06	47.23 6.78 -1.68	45.41 6.53 -1.35	51.29 6.85 -2.38	45.78 6.26 -0.91	45.20 5.88 -1.62	44.94 5.82 -1.36	46.71 6.41 -0.98	51.52 7.31 -1.73	57.18 8.94 -1.93	74.46 9.90 -15.79	68.61 9.16 -13.19	58.26 8.80 -3.37	53.85 7.76 -3.01	47.64 7.09 -1.62	42.60 6.24 -1.27	41.39 5.77 -1.47
SOUTHOLD___IC 23719	36.68 4.13 -1.54	35.97 3.62 -2.65	33.93 3.54 -1.87	31.96 3.39 -0.33	32.92 3.45 -0.45	36.15 4.09 -1.77	45.42 6.42 -1.48	50.22 7.10 -2.06	47.27 6.83 -1.68	45.26 6.38 -1.35	51.37 6.94 -2.38	45.94 6.41 -0.91	45.20 5.88 -1.62	44.94 5.81 -1.36	46.91 6.60 -0.98	51.61 7.39 -1.73	57.26 9.03 -1.92	74.16 9.86 -15.53	68.46 9.21 -12.99	58.35 8.90 -3.36	53.98 7.89 -3.01	47.71 7.16 -1.62	42.75 6.39 -1.28	41.39 5.77 -1.47
SOUTH_FORK_WT_PWR 323839	36.71 4.16 -1.54	36.03 3.68 -2.65	33.99 3.59 -1.87	32.02 3.44 -0.33	32.97 3.51 -0.45	36.22 4.15 -1.77	45.50 6.49 -1.48	50.26 7.14 -2.06	47.31 6.86 -1.68	45.30 6.42 -1.35	51.41 6.98 -2.38	45.98 6.45 -0.91	45.27 5.95 -1.62	45.02 5.89 -1.36	46.99 6.69 -0.98	51.70 7.48 -1.72	57.30 9.08 -1.92	74.20 9.90 -15.53	68.51 9.25 -12.99	58.44 8.99 -3.36	54.07 7.97 -3.01	47.79 7.24 -1.61	42.78 6.42 -1.28	41.45 5.84 -1.47
SPIERFLS_115KV_TB 1 80737	32.07 1.05 0.00	30.67 0.98 0.00	29.44 0.91 0.00	29.20 0.96 0.00	30.03 1.02 0.00	31.60 1.30 0.00	39.63 2.10 0.00	43.52 2.46 0.00	40.94 2.17 0.00	39.52 1.99 0.00	44.40 2.35 0.00	40.47 1.85 0.00	39.43 1.73 0.00	39.40 1.62 0.00	40.94 1.61 0.00	44.32 1.83 0.00	50.30 2.64 -1.36	72.11 3.07 -20.26	64.63 2.64 -15.73	49.31 2.49 -0.73	45.20 2.11 0.00	41.19 2.26 0.00	36.98 1.89 0.00	36.06 1.91 0.00
ST LAWRENCE____ 23600	31.11 0.09 0.00	29.87 0.18 0.00	28.70 0.17 0.00	28.39 0.14 0.00	29.22 0.20 0.00	30.33 0.03 0.00	36.92 -0.60 0.00	40.48 -0.57 0.00	38.19 -0.58 0.00	36.97 -0.56 0.00	41.42 -0.63 0.00	38.15 -0.46 0.00	37.29 -0.41 0.00	37.39 -0.38 0.00	38.89 -0.43 0.00	41.85 -0.64 0.00	45.06 -1.25 0.00	46.97 -1.80 0.00	45.01 -1.25 0.00	45.03 -1.06 0.00	42.40 -0.69 0.00	38.39 -0.55 0.00	34.59 -0.49 0.00	33.70 -0.44 0.00
STATE_CA_115KV_115_LB 55624	31.60 0.59 0.00	30.17 0.48 0.00	28.98 0.46 0.00	28.72 0.48 0.00	29.48 0.46 0.00	30.96 0.67 0.00	38.24 0.71 0.00	41.87 0.82 0.00	39.47 0.70 0.00	38.24 0.71 0.00	43.14 1.09 0.00	39.77 1.16 0.00	38.83 1.13 0.00	38.90 1.13 0.00	40.42 1.10 0.00	43.77 1.27 0.00	49.35 1.71 -1.33	70.48 1.90 -19.81	63.30 1.67 -15.37	48.42 2.49 -0.71	44.51 1.61 0.00	40.26 1.42 0.00	36.38 1.32 0.00	35.27 1.13 0.00
STATE_ST_34_KV_LOAD 55959	31.01 0.00 0.00	29.72 0.03 0.00	28.53 0.00 0.00	28.27 0.03 0.00	29.04 0.03 0.00	30.39 0.09 0.00	38.24 0.71 0.00	41.79 0.74 0.00	39.58 0.81 0.00	38.36 0.83 0.00	42.85 0.80 0.00	39.15 0.54 0.00	38.23 0.53 0.00	38.34 0.57 0.00	39.87 0.55 0.00	43.09 0.59 0.00	47.46 1.02 -0.13	52.24 1.46 -2.00	48.79 0.97 -1.55	46.90 0.74 -0.07	43.56 0.47 0.00	39.21 0.27 0.00	35.26 0.18 0.00	34.35 0.20 0.00
STATION 5_MISC_HYD 23604	30.67 -0.34 0.00	29.43 -0.27 0.00	28.16 -0.37 0.00	27.96 -0.28 0.00	28.72 -0.29 0.00	29.99 -0.30 0.00	38.05 0.53 0.00	41.09 0.04 0.00	38.96 0.19 0.00	37.76 0.23 0.00	42.01 -0.04 0.00	38.11 -0.50 0.00	37.25 -0.45 0.00	37.36 -0.41 0.00	38.58 -0.75 0.00	41.98 -0.51 0.00	46.52 0.09 -0.12	51.51 0.88 -1.86	47.66 -0.05 -1.44	45.74 -0.42 -0.07	42.14 -0.95 0.00	37.85 -1.09 0.00	34.17 -0.91 0.00	33.60 -0.55 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.95 -0.06 0.00	29.69 0.00 0.00	28.44 -0.09 0.00	28.19 -0.06 0.00	28.98 -0.03 0.00	30.30 0.00 0.00	38.46 0.94 0.00	41.71 0.66 0.00	39.58 0.81 0.00	38.32 0.79 0.00	42.68 0.63 0.00	38.85 0.23 0.00	37.93 0.23 0.00	38.04 0.26 0.00	39.60 0.28 0.00	42.75 0.25 0.00	47.36 0.93 -0.13	52.22 1.56 -1.88	48.46 0.74 -1.46	46.57 0.41 -0.07	43.05 -0.04 0.00	38.70 -0.23 0.00	34.84 -0.25 0.00	34.18 0.03 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.48 -0.53 0.00	29.22 -0.48 0.00	27.99 -0.54 0.00	27.76 -0.48 0.00	28.55 -0.46 0.00	29.78 -0.52 0.00	37.79 0.26 0.00	40.89 -0.16 0.00	38.77 0.00 0.00	37.53 0.00 0.00	41.84 -0.21 0.00	38.00 -0.62 0.00	37.10 -0.60 0.00	37.20 -0.57 0.00	38.69 -0.63 0.00	41.81 -0.68 0.00	46.43 0.00 -0.12	51.21 0.59 -1.85	47.47 -0.23 -1.44	45.56 -0.60 -0.07	41.97 -1.12 0.00	37.73 -1.21 0.00	34.03 -1.05 0.00	33.50 -0.65 0.00
STA_56____34_KV_BUS2 355983	30.48 -0.53 0.00	29.22 -0.48 0.00	27.99 -0.54 0.00	27.76 -0.48 0.00	28.55 -0.46 0.00	29.78 -0.52 0.00	37.79 0.26 0.00	40.89 -0.16 0.00	38.77 0.00 0.00	37.53 0.00 0.00	41.84 -0.21 0.00	38.00 -0.62 0.00	37.10 -0.60 0.00	37.20 -0.57 0.00	38.69 -0.63 0.00	41.81 -0.68 0.00	46.43 0.00 -0.12	51.21 0.59 -1.85	47.47 -0.23 -1.44	45.56 -0.60 -0.07	41.97 -1.12 0.00	37.73 -1.21 0.00	34.03 -1.05 0.00	33.50 -0.65 0.00
STA_67____115KV_BK2 355882	30.61 -0.40 0.00	29.37 -0.33 0.00	28.10 -0.43 0.00	27.91 -0.34 0.00	28.69 -0.32 0.00	29.93 -0.36 0.00	37.97 0.45 0.00	40.97 -0.08 0.00	38.88 0.12 0.00	37.64 0.11 0.00	41.92 -0.13 0.00	38.03 -0.58 0.00	37.13 -0.57 0.00	37.24 -0.53 0.00	38.73 -0.59 0.00	41.85 -0.64 0.00	46.48 0.05 -0.12	51.37 0.73 -1.86	47.52 -0.19 -1.45	45.60 -0.55 -0.07	42.05 -1.03 0.00	37.81 -1.13 0.00	34.10 -0.98 0.00	33.60 -0.55 0.00
STA_7____115KV_9TRANS 80674	30.79 -0.22 0.00	29.55 -0.15 0.00	28.27 -0.26 0.00	28.05 -0.20 0.00	28.84 -0.17 0.00	30.09 -0.21 0.00	38.24 0.71 0.00	41.30 0.25 0.00	39.19 0.43 0.00	37.94 0.41 0.00	42.30 0.25 0.00	38.34 -0.27 0.00	37.44 -0.26 0.00	37.54 -0.23 0.00	39.09 -0.24 0.00	42.19 -0.30 0.00	46.90 0.46 -0.13	51.81 1.17 -1.87	47.94 0.23 -1.45	46.02 -0.14 -0.07	42.40 -0.69 0.00	38.12 -0.82 0.00	34.35 -0.74 0.00	33.84 -0.31 0.00

STA_82___115KV_TB1 80780	30.64 -0.37 0.00	29.37 -0.33 0.00	28.13 -0.40 0.00	27.91 -0.34 0.00	28.69 -0.32 0.00	29.93 -0.36 0.00	38.01 0.49 0.00	41.01 -0.04 0.00	38.88 0.12 0.00	37.64 0.11 0.00	41.96 -0.08 0.00	38.03 -0.58 0.00	37.17 -0.53 0.00	37.28 -0.49 0.00	38.77 -0.55 0.00	41.90 -0.59 0.00	46.48 0.05 -0.13	51.43 0.78 -1.88	47.58 -0.14 -1.46	45.65 -0.51 -0.07	42.10 -0.99 0.00	37.85 -1.09 0.00	34.10 -0.98 0.00	33.63 -0.51 0.00
STEEL___WIND 323596	31.32 0.31 0.00	30.14 0.45 0.00	28.87 0.34 0.00	28.72 0.48 0.00	29.54 0.52 0.00	30.75 0.46 0.00	39.29 1.76 0.00	41.75 0.70 0.00	39.66 0.89 0.00	38.39 0.86 0.00	42.55 0.51 0.00	38.35 -0.27 0.00	37.51 -0.19 0.00	37.66 -0.11 0.00	38.69 -0.63 0.00	42.15 -0.34 0.00	45.43 -1.02 -0.14	50.87 0.15 -1.95	46.58 -1.20 -1.52	44.55 -1.61 -0.08	42.27 -0.82 0.00	37.89 -1.05 0.00	34.31 -0.77 0.00	34.11 -0.03 0.00
STEPHTWN_115KV_BK_2 55603	31.91 0.90 0.00	30.47 0.77 0.00	29.27 0.74 0.00	29.01 0.76 0.00	29.80 0.78 0.00	31.30 1.00 0.00	38.72 1.20 0.00	42.45 1.40 0.00	39.97 1.20 0.00	38.73 1.20 0.00	43.65 1.60 0.00	40.24 1.62 0.00	39.25 1.55 0.00	39.32 1.55 0.00	40.90 1.57 0.00	44.27 1.78 0.00	49.94 2.32 -1.31	70.95 2.58 -19.59	63.74 2.27 -15.21	49.01 2.21 -0.71	45.07 1.98 0.00	40.73 1.79 0.00	36.80 1.72 0.00	35.65 1.50 0.00
STEBEN_REC_LFGE 323667	32.00 0.99 0.00	30.82 1.13 0.00	29.67 1.14 0.00	29.49 1.24 0.00	30.32 1.31 0.00	31.81 1.51 0.00	40.75 3.23 0.00	43.93 2.87 0.00	41.75 2.99 0.00	40.38 2.85 0.00	44.82 2.78 0.00	40.62 2.01 0.00	39.70 2.00 0.00	39.89 2.12 0.00	41.53 2.20 0.00	44.83 2.34 0.00	48.98 2.45 -0.22	55.54 3.56 -3.20	51.06 2.31 -2.49	48.05 1.84 -0.12	45.16 2.07 0.00	40.57 1.64 0.00	36.49 1.40 0.00	36.02 1.88 0.00
STILLWATER___SOLAR 323814	32.37 1.36 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.46 1.21 0.00	30.26 1.25 0.00	31.81 1.51 0.00	39.78 2.25 0.00	43.64 2.59 0.00	41.09 2.33 0.00	39.71 2.18 0.00	44.66 2.61 0.00	40.93 2.32 0.00	39.92 2.22 0.00	39.96 2.19 0.00	41.64 2.32 0.00	45.08 2.59 0.00	50.95 3.29 -1.35	72.66 3.70 -20.19	65.21 3.28 -15.67	49.99 3.18 -0.73	45.89 2.80 0.00	41.54 2.61 0.00	37.36 2.28 0.00	36.33 2.19 0.00
STONY___BROOK 24151	35.53 2.91 -1.61	35.01 2.55 -2.76	32.95 2.48 -1.95	30.96 2.37 -0.34	31.89 2.41 -0.47	35.02 2.88 -1.84	43.80 4.73 -1.55	48.37 5.17 -2.15	45.63 5.12 -1.75	43.79 4.84 -1.41	49.79 5.26 -2.48	44.47 4.90 -0.95	43.94 4.56 -1.68	43.75 4.57 -1.41	45.49 5.15 -1.02	49.90 5.61 -1.80	55.21 6.94 -1.96	71.84 7.51 -15.56	66.30 6.99 -13.06	56.30 6.73 -3.48	52.04 5.81 -3.13	46.03 5.41 -1.68	41.37 4.95 -1.34	40.18 4.51 -1.53
STURGEON_POOL_HYD 23609	32.13 1.12 0.00	30.64 0.95 0.00	29.44 0.91 0.00	29.15 0.90 0.00	29.88 0.87 0.00	31.42 1.12 0.00	39.70 2.18 0.00	43.31 2.26 0.00	40.94 2.17 0.00	39.63 2.10 0.00	44.32 2.27 0.00	40.85 2.24 0.00	39.81 2.11 0.00	39.85 2.08 0.00	41.64 2.32 0.00	45.08 2.59 0.00	50.90 3.52 -1.08	68.68 3.85 -16.05	62.28 3.56 -12.46	50.03 3.36 -0.58	45.89 2.80 0.00	41.54 2.61 0.00	37.43 2.35 0.00	36.30 2.15 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.91 0.90 0.00	30.44 0.74 0.00	29.27 0.74 0.00	28.95 0.71 0.00	29.71 0.70 0.00	31.21 0.91 0.00	39.59 2.06 0.00	43.27 2.22 0.00	40.94 2.17 0.00	39.60 2.06 0.00	44.28 2.23 0.00	40.81 2.20 0.00	39.77 2.07 0.00	39.81 2.04 0.00	41.57 2.24 0.00	44.95 2.46 0.00	50.67 3.43 -0.93	66.48 3.76 -13.95	60.56 3.47 -10.83	49.86 3.27 -0.50	45.76 2.67 0.00	41.43 2.49 0.00	37.36 2.28 0.00	36.20 2.05 0.00
SWANROAD_115KV_TB1 355699	30.11 -0.90 0.00	29.04 -0.65 0.00	27.73 -0.80 0.00	27.68 -0.56 0.00	28.43 -0.58 0.00	29.57 -0.73 0.00	37.60 0.08 0.00	39.82 -1.23 0.00	37.80 -0.97 0.00	36.59 -0.94 0.00	40.62 -1.43 0.00	36.53 -2.09 0.00	35.74 -1.96 0.00	35.85 -1.93 0.00	37.24 -2.08 0.00	40.20 -2.29 0.00	44.02 -2.41 -0.13	48.94 -1.61 -1.77	44.86 -2.78 -1.38	43.07 -3.09 -0.07	40.20 -2.89 0.00	36.09 -2.84 0.00	32.70 -2.39 0.00	32.75 -1.40 0.00
SYNERGY___BIOGAS 323694	31.20 0.19 0.00	29.99 0.30 0.00	28.64 0.11 0.00	28.50 0.25 0.00	29.30 0.29 0.00	30.57 0.27 0.00	39.10 1.58 0.00	41.79 0.74 0.00	39.70 0.93 0.00	38.43 0.90 0.00	42.64 0.59 0.00	38.42 -0.19 0.00	37.59 -0.11 0.00	37.70 -0.08 0.00	38.81 -0.51 0.00	42.32 -0.17 0.00	46.57 0.14 -0.13	51.80 1.22 -1.81	47.53 -0.14 -1.41	45.61 -0.55 -0.07	42.40 -0.69 0.00	37.92 -1.01 0.00	34.28 -0.81 0.00	34.01 -0.14 0.00
SYRACUSE___ENERGY_ST1 323597	30.79 -0.22 0.00	29.52 -0.18 0.00	28.33 -0.20 0.00	28.07 -0.17 0.00	28.84 -0.17 0.00	30.09 -0.21 0.00	37.67 0.15 0.00	41.18 0.12 0.00	38.92 0.16 0.00	37.68 0.15 0.00	42.13 0.08 0.00	38.58 -0.04 0.00	37.66 -0.04 0.00	37.73 -0.04 0.00	39.28 -0.04 0.00	42.53 0.04 0.00	46.74 0.32 -0.11	51.04 0.63 -1.63	47.80 0.28 -1.27	46.29 0.14 -0.06	43.09 0.00 0.00	38.82 -0.12 0.00	34.94 -0.14 0.00	34.04 -0.10 0.00
SYRACUSE___ENERGY_ST2 323598	30.79 -0.22 0.00	29.52 -0.18 0.00	28.33 -0.20 0.00	28.07 -0.17 0.00	28.84 -0.17 0.00	30.09 -0.21 0.00	37.67 0.15 0.00	41.18 0.12 0.00	38.92 0.16 0.00	37.68 0.15 0.00	42.13 0.08 0.00	38.58 -0.04 0.00	37.66 -0.04 0.00	37.73 -0.04 0.00	39.28 -0.04 0.00	42.53 0.04 0.00	46.74 0.32 -0.11	51.04 0.63 -1.63	47.80 0.28 -1.27	46.29 0.14 -0.06	43.09 0.00 0.00	38.82 -0.12 0.00	34.94 -0.14 0.00	34.04 -0.10 0.00
SYRACUSE___POWER 24017	30.76 -0.25 0.00	29.49 -0.21 0.00	28.30 -0.23 0.00	28.05 -0.20 0.00	28.81 -0.20 0.00	30.05 -0.24 0.00	37.60 0.08 0.00	41.09 0.04 0.00	38.85 0.08 0.00	37.61 0.08 0.00	42.09 0.04 0.00	38.54 -0.08 0.00	37.59 -0.11 0.00	37.66 -0.11 0.00	39.25 -0.08 0.00	42.45 -0.04 0.00	46.65 0.23 -0.11	51.01 0.54 -1.70	47.81 0.23 -1.32	46.24 0.09 -0.06	43.00 -0.09 0.00	38.74 -0.19 0.00	34.87 -0.21 0.00	33.98 -0.17 0.00
TALLMAN___138KV_BK151 55660	32.00 0.99 0.00	30.50 0.80 0.00	29.30 0.77 0.00	29.01 0.76 0.00	29.74 0.73 0.00	31.30 1.00 0.00	39.74 2.21 0.00	43.48 2.42 0.00	41.13 2.36 0.00	39.78 2.25 0.00	44.49 2.44 0.00	41.01 2.39 0.00	39.96 2.26 0.00	40.00 2.23 0.00	41.72 2.40 0.00	45.17 2.68 0.00	50.97 3.70 -0.96	67.12 4.05 -14.30	61.10 3.75 -11.10	50.11 3.50 -0.51	45.93 2.84 0.00	41.62 2.69 0.00	37.54 2.46 0.00	36.37 2.22 0.00
TEALLAVE_115KV_TB7 355573	30.61 -0.40 0.00	29.34 -0.36 0.00	28.16 -0.37 0.00	27.88 -0.37 0.00	28.64 -0.38 0.00	29.87 -0.42 0.00	37.34 -0.19 0.00	40.81 -0.25 0.00	38.57 -0.19 0.00	37.38 -0.15 0.00	41.80 -0.25 0.00	38.27 -0.35 0.00	37.36 -0.34 0.00	37.43 -0.34 0.00	38.97 -0.35 0.00	42.15 -0.34 0.00	46.36 -0.05 -0.10	50.45 0.24 -1.43	47.28 -0.09 -1.11	45.86 -0.28 -0.05	42.66 -0.43 0.00	38.47 -0.47 0.00	34.63 -0.46 0.00	33.74 -0.41 0.00

TELGRAPH_34_KV_EAST 80808	30.86 -0.16 0.00	29.69 0.00 0.00	28.36 -0.17 0.00	28.24 0.00 0.00	29.04 0.03 0.00	30.24 -0.06 0.00	38.61 1.09 0.00	41.09 0.04 0.00	39.04 0.27 0.00	37.76 0.23 0.00	41.92 -0.13 0.00	37.76 -0.85 0.00	36.95 -0.75 0.00	37.05 -0.72 0.00	38.50 -0.83 0.00	41.56 -0.93 0.00	45.65 -0.79 -0.13	50.73 0.15 -1.81	46.51 -1.16 -1.40	44.64 -1.52 -0.07	41.58 -1.51 0.00	37.30 -1.64 0.00	33.71 -1.37 0.00	33.63 -0.51 0.00
TEMPLE___115KV_TB 2 55572	30.64 -0.37 0.00	29.34 -0.36 0.00	28.19 -0.34 0.00	27.91 -0.34 0.00	28.66 -0.35 0.00	29.90 -0.39 0.00	37.37 -0.15 0.00	40.85 -0.21 0.00	38.61 -0.16 0.00	37.42 -0.11 0.00	41.84 -0.21 0.00	38.30 -0.31 0.00	37.40 -0.30 0.00	37.47 -0.30 0.00	39.01 -0.31 0.00	42.24 -0.25 0.00	46.40 0.00 -0.10	50.52 0.29 -1.45	47.34 -0.05 -1.13	45.91 -0.23 -0.05	42.70 -0.39 0.00	38.51 -0.43 0.00	34.66 -0.42 0.00	33.77 -0.38 0.00
TIANA___69_KV_BK 1 55817	36.03 3.47 -1.54	35.40 3.06 -2.65	33.36 2.97 -1.87	31.43 2.85 -0.33	32.37 2.90 -0.45	35.52 3.45 -1.77	44.56 5.55 -1.48	49.27 6.16 -2.06	46.34 5.89 -1.68	44.59 5.70 -1.35	50.36 5.93 -2.38	44.97 5.44 -0.91	44.48 5.16 -1.62	44.26 5.14 -1.36	45.93 5.62 -0.98	50.59 6.37 -1.73	56.02 7.78 -1.93	73.15 8.58 -15.79	67.41 7.96 -13.19	57.11 7.65 -3.37	52.78 6.68 -3.01	46.70 6.15 -1.62	41.90 5.54 -1.27	40.74 5.12 -1.47
TILDEN___115KV_TB1 80814	30.76 -0.25 0.00	29.49 -0.21 0.00	28.30 -0.23 0.00	28.05 -0.20 0.00	28.81 -0.20 0.00	30.05 -0.24 0.00	37.60 0.08 0.00	41.09 0.04 0.00	38.85 0.08 0.00	37.61 0.08 0.00	42.09 0.04 0.00	38.54 -0.08 0.00	37.59 -0.11 0.00	37.66 -0.11 0.00	39.25 -0.08 0.00	42.45 -0.04 0.00	46.65 0.23 -0.11	51.01 0.54 -1.70	47.81 0.23 -1.32	46.24 0.09 -0.06	43.00 -0.09 0.00	38.74 -0.19 0.00	34.87 -0.21 0.00	33.98 -0.17 0.00
TRIGEN___CC 323695	44.88 2.05 -11.82	51.79 1.81 -20.29	44.59 1.74 -14.32	32.52 1.69 -2.58	34.20 1.68 -3.50	45.88 2.03 -13.55	52.87 3.53 -11.82	61.22 3.90 -16.27	55.96 3.84 -13.35	52.10 3.79 -10.78	64.51 4.20 -18.26	49.55 3.90 -7.03	53.94 3.85 -12.40	52.00 3.81 -10.41	50.90 4.05 -7.53	60.59 4.38 -13.73	59.82 5.23 -8.28	74.67 5.61 -20.29	74.89 5.27 -23.36	74.70 5.12 -23.49	71.93 4.31 -24.53	55.88 4.09 -12.86	49.13 3.86 -10.19	49.03 3.62 -11.26
TRINITY___115KV___4 BK 55933	31.51 0.50 0.00	30.11 0.42 0.00	28.93 0.40 0.00	28.67 0.42 0.00	29.42 0.41 0.00	30.90 0.61 0.00	38.09 0.56 0.00	41.67 0.62 0.00	39.31 0.54 0.00	38.06 0.53 0.00	42.97 0.93 0.00	39.58 0.97 0.00	38.64 0.94 0.00	38.72 0.94 0.00	40.27 0.94 0.00	43.60 1.10 0.00	49.11 1.48 -1.32	70.02 1.61 -19.64	62.94 1.43 -15.24	48.22 1.43 -0.71	44.34 1.25 0.00	40.10 1.17 0.00	36.24 1.16 0.00	35.14 0.99 0.00
UNION___PROCESSING_DRP 323587	30.64 -0.37 0.00	29.40 -0.30 0.00	28.13 -0.40 0.00	27.93 -0.31 0.00	28.72 -0.29 0.00	29.96 -0.33 0.00	38.01 0.49 0.00	41.05 0.00 0.00	38.92 0.16 0.00	37.68 0.15 0.00	41.96 -0.08 0.00	38.07 -0.54 0.00	37.17 -0.53 0.00	37.28 -0.49 0.00	38.77 -0.55 0.00	41.90 -0.59 0.00	46.53 0.09 -0.13	51.43 0.78 -1.88	47.58 -0.14 -1.46	45.70 -0.46 -0.07	42.10 -0.99 0.00	37.85 -1.09 0.00	34.14 -0.95 0.00	33.63 -0.51 0.00
UPPER HUDSON___HYD 24058	32.07 1.06 0.00	30.67 0.98 0.00	29.44 0.91 0.00	29.21 0.96 0.00	30.03 1.01 0.00	31.60 1.30 0.00	39.62 2.10 0.00	43.56 2.50 0.00	40.94 2.17 0.00	39.52 1.99 0.00	44.40 2.35 0.00	40.51 1.89 0.00	39.47 1.77 0.00	39.43 1.66 0.00	41.01 1.69 0.00	44.32 1.83 0.00	50.31 2.64 -1.36	72.15 3.07 -20.30	64.61 2.59 -15.76	49.31 2.49 -0.73	45.20 2.11 0.00	41.19 2.26 0.00	36.98 1.89 0.00	36.06 1.91 0.00
UPPER RAQUET___HYD 24056	31.39 0.37 0.00	30.29 0.59 0.00	29.13 0.60 0.00	28.78 0.54 0.00	29.65 0.64 0.00	30.54 0.24 0.00	36.92 -0.60 0.00	40.64 -0.41 0.00	38.26 -0.51 0.00	37.01 -0.53 0.00	41.76 -0.29 0.00	38.50 -0.12 0.00	37.59 -0.11 0.00	37.70 -0.08 0.00	39.28 -0.04 0.00	41.85 -0.64 0.00	44.92 -1.39 0.00	46.53 -2.24 0.00	44.92 -1.34 0.00	44.85 -1.24 0.00	42.36 -0.73 0.00	38.70 -0.23 0.00	34.84 -0.24 0.00	34.01 -0.14 0.00
VALLEY44_115KV_TB2 355964	32.25 1.24 0.00	31.03 1.34 0.00	29.73 1.20 0.00	29.54 1.30 0.00	30.38 1.36 0.00	31.66 1.36 0.00	40.56 3.04 0.00	43.23 2.18 0.00	40.94 2.17 0.00	39.52 1.99 0.00	43.90 1.85 0.00	39.66 1.04 0.00	38.79 1.09 0.00	38.90 1.13 0.00	40.42 1.10 0.00	43.55 1.06 0.00	45.45 -1.02 -0.16	50.98 -0.05 -2.26	46.63 -1.39 -1.75	44.42 -1.75 -0.09	43.78 0.69 0.00	39.36 0.43 0.00	35.50 0.42 0.00	35.27 1.13 0.00
VALLEY___115KV_TB 1-4 80826	31.14 0.12 0.00	29.78 0.09 0.00	28.61 0.09 0.00	28.36 0.11 0.00	29.13 0.12 0.00	30.54 0.24 0.00	38.01 0.49 0.00	41.71 0.66 0.00	39.39 0.62 0.00	38.09 0.56 0.00	42.76 0.71 0.00	39.27 0.66 0.00	38.34 0.64 0.00	38.41 0.64 0.00	39.99 0.67 0.00	43.26 0.76 0.00	47.33 1.02 0.00	49.94 1.17 0.00	47.23 0.97 0.00	46.96 0.88 0.00	43.86 0.78 0.00	39.64 0.70 0.00	35.75 0.67 0.00	34.80 0.65 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.97 1.95 0.00	31.54 1.84 0.00	30.32 1.80 0.00	30.00 1.75 0.00	30.84 1.83 0.00	32.36 2.06 0.00	40.79 3.26 0.00	44.83 3.78 0.00	42.30 3.53 0.00	40.83 3.30 0.00	45.75 3.70 0.00	41.97 3.36 0.00	40.83 3.13 0.00	40.91 3.14 0.00	42.63 3.30 0.00	46.14 3.65 0.00	51.13 4.40 -0.43	60.26 5.12 -6.36	55.69 4.49 -4.94	50.60 4.29 -0.23	46.97 3.88 0.00	42.28 3.35 0.00	38.00 2.91 0.00	36.95 2.80 0.00
VISCHER___FERRY HYD 24020	32.13 1.11 0.00	30.70 1.01 0.00	29.50 0.97 0.00	29.21 0.96 0.00	30.00 0.99 0.00	31.51 1.21 0.00	39.33 1.80 0.00	43.11 2.05 0.00	40.67 1.90 0.00	39.37 1.84 0.00	44.28 2.23 0.00	40.70 2.08 0.00	39.70 2.00 0.00	39.77 2.00 0.00	41.45 2.12 0.00	44.83 2.34 0.00	50.56 2.92 -1.33	71.81 3.17 -19.87	64.60 2.92 -15.42	49.62 2.81 -0.72	45.59 2.50 0.00	41.23 2.30 0.00	37.12 2.03 0.00	36.06 1.91 0.00
V_A_10_SYNC_DSASP 323832	30.21 -0.81 0.00	29.01 -0.68 0.00	27.82 -0.71 0.00	27.65 -0.59 0.00	28.40 -0.61 0.00	29.60 -0.70 0.00	37.60 0.08 0.00	40.19 -0.86 0.00	38.15 -0.62 0.00	36.93 -0.60 0.00	41.00 -1.05 0.00	37.03 -1.58 0.00	36.23 -1.47 0.00	36.34 -1.44 0.00	37.36 -1.97 0.00	40.75 -1.74 0.00	45.21 -1.25 -0.15	50.61 -0.39 -2.22	46.55 -1.43 -1.73	44.37 -1.80 -0.08	40.85 -2.24 0.00	36.68 -2.26 0.00	33.22 -1.86 0.00	32.88 -1.26 0.00
V_CMM_10_SYNC_DSASP 323787	31.23 0.22 0.00	29.99 0.30 0.00	28.81 0.29 0.00	28.50 0.25 0.00	29.33 0.32 0.00	30.45 0.15 0.00	37.08 -0.45 0.00	40.64 -0.41 0.00	38.34 -0.43 0.00	37.16 -0.38 0.00	41.63 -0.42 0.00	38.30 -0.31 0.00	37.48 -0.22 0.00	37.55 -0.23 0.00	39.09 -0.23 0.00	42.07 -0.42 0.00	45.24 -1.06 0.00	47.16 -1.61 0.00	45.24 -1.02 0.00	45.26 -0.83 0.00	42.57 -0.52 0.00	38.58 -0.35 0.00	34.73 -0.35 0.00	33.84 -0.31 0.00

V_CMP_10_SYNC_DSASP 323788	32.56 1.55 0.00	31.27 1.57 0.00	30.07 1.54 0.00	29.71 1.47 0.00	30.64 1.62 0.00	31.87 1.57 0.00	38.35 0.82 0.00	42.08 1.03 0.00	39.54 0.78 0.00	38.32 0.79 0.00	42.89 0.84 0.00	39.50 0.89 0.00	38.53 0.83 0.00	38.60 0.83 0.00	40.03 0.71 0.00	43.08 0.59 0.00	45.89 -0.42 0.00	47.94 -0.83 0.00	45.84 -0.42 0.00	45.77 -0.32 0.00	43.65 0.56 0.00	39.60 0.66 0.00	35.40 0.32 0.00	35.07 0.92 0.00
V_D_10_SYNC_DSASP 323841	29.87 -1.15 0.00	28.74 -0.95 0.00	27.61 -0.91 0.00	27.40 -0.85 0.00	28.14 -0.87 0.00	29.27 -1.03 0.00	37.26 -0.26 0.00	39.45 -1.60 0.00	37.49 -1.28 0.00	36.33 -1.20 0.00	40.20 -1.85 0.00	36.22 -2.39 0.00	35.44 -2.26 0.00	35.54 -2.23 0.00	36.45 -2.87 0.00	39.81 -2.68 0.00	43.65 -2.78 -0.12	48.56 -1.90 -1.69	44.52 -3.05 -1.31	42.80 -3.36 -0.07	39.81 -3.28 0.00	35.70 -3.23 0.00	32.42 -2.67 0.00	32.37 -1.78 0.00
V_E_10_SYNC_DSASP 323830	33.77 2.76 0.00	32.37 2.67 0.00	31.18 2.65 0.00	30.81 2.57 0.00	31.74 2.73 0.00	33.36 3.06 0.00	42.44 4.91 0.00	46.72 5.67 0.00	43.96 5.20 0.00	42.26 4.73 0.00	47.13 5.09 0.00	43.05 4.44 0.00	42.11 4.41 0.00	42.26 4.49 0.00	44.08 4.76 0.00	47.93 5.44 0.00	53.33 6.71 -0.31	61.65 8.19 -4.68	56.83 6.94 -3.63	52.71 6.45 -0.17	48.90 5.81 0.00	43.76 4.83 0.00	39.19 4.10 0.00	38.21 4.06 0.00
V_F_30_NSYNC_DSASP 323816	32.41 1.40 0.00	30.97 1.28 0.00	29.75 1.23 0.00	29.49 1.24 0.00	30.29 1.28 0.00	31.84 1.54 0.00	39.85 2.33 0.00	43.68 2.63 0.00	41.13 2.37 0.00	39.74 2.21 0.00	44.70 2.65 0.00	40.97 2.36 0.00	39.96 2.26 0.00	40.00 2.23 0.00	41.72 2.40 0.00	45.13 2.64 0.00	51.04 3.38 -1.36	72.77 3.76 -20.24	65.30 3.33 -15.71	50.04 3.23 -0.73	45.98 2.89 0.00	41.58 2.65 0.00	37.40 2.31 0.00	36.37 2.22 0.00
V_F_30_SYNC_DSASP 323786	31.60 0.59 0.00	30.17 0.48 0.00	28.98 0.46 0.00	28.72 0.48 0.00	29.48 0.46 0.00	30.96 0.67 0.00	38.24 0.71 0.00	41.87 0.82 0.00	39.47 0.70 0.00	38.24 0.71 0.00	43.14 1.09 0.00	39.77 1.16 0.00	38.79 1.09 0.00	38.87 1.10 0.00	40.42 1.10 0.00	43.77 1.27 0.00	49.35 1.71 -1.33	70.47 1.90 -19.79	63.29 1.67 -15.36	48.41 1.61 -0.71	44.51 1.42 0.00	40.26 1.32 0.00	36.38 1.30 0.00	35.27 1.13 0.00
V_XM_10_SYNC_DSASP 323789	32.56 1.55 0.00	31.27 1.57 0.00	30.07 1.54 0.00	29.71 1.47 0.00	30.64 1.62 0.00	31.87 1.57 0.00	38.35 0.82 0.00	42.08 1.03 0.00	39.54 0.78 0.00	38.32 0.79 0.00	42.89 0.84 0.00	39.50 0.89 0.00	38.53 0.83 0.00	38.60 0.83 0.00	40.03 0.71 0.00	43.08 0.59 0.00	45.89 -0.42 0.00	47.94 -0.83 0.00	45.84 -0.42 0.00	45.77 -0.32 0.00	43.65 0.56 0.00	39.60 0.66 0.00	35.40 0.32 0.00	35.07 0.92 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.10 1.09 0.00	30.59 0.89 0.00	29.41 0.88 0.00	29.09 0.85 0.00	29.83 0.81 0.00	31.39 1.09 0.00	39.89 2.36 0.00	43.64 2.59 0.00	41.25 2.48 0.00	39.90 2.36 0.00	44.61 2.56 0.00	41.12 2.51 0.00	40.08 2.38 0.00	40.11 2.34 0.00	41.84 2.52 0.00	45.29 2.80 0.00	51.16 3.89 -0.96	67.41 4.24 -14.39	61.36 3.93 -11.17	50.29 3.69 -0.52	46.11 3.02 0.00	41.74 2.80 0.00	37.68 2.60 0.00	36.50 2.36 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.28 1.27 0.00	30.73 1.04 0.00	29.55 1.03 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.26 2.74 0.00	44.13 3.08 0.00	41.79 3.02 0.00	40.53 3.00 0.00	45.33 3.28 0.00	41.78 3.17 0.00	40.72 3.02 0.00	40.76 2.98 0.00	42.51 3.19 0.00	46.02 3.53 0.00	52.05 4.72 -1.01	68.93 5.02 -15.14	62.77 4.76 -11.75	51.10 4.47 -0.54	46.71 3.62 0.00	42.36 3.43 0.00	38.17 3.09 0.00	36.98 2.83 0.00
W50THST__13_KV_LOAD 356117	32.38 1.36 0.00	30.82 1.13 0.00	29.64 1.11 0.00	29.29 1.05 0.00	30.03 1.02 0.00	31.66 1.36 0.00	40.45 2.93 0.00	44.34 3.28 0.00	42.02 3.26 0.00	40.72 3.19 0.00	45.54 3.49 0.00	41.97 3.36 0.00	40.90 3.20 0.00	40.94 3.17 0.00	42.71 3.38 0.00	46.23 3.74 0.00	52.28 4.95 -1.01	69.18 5.27 -15.14	63.01 5.00 -11.75	51.34 4.70 -0.54	46.92 3.83 0.00	42.52 3.58 0.00	38.31 3.23 0.00	37.12 2.97 0.00
WADING RIVER_IC_1 23522	35.83 3.29 -1.54	35.19 2.85 -2.64	33.19 2.80 -1.86	31.23 2.65 -0.33	32.16 2.70 -0.45	35.30 3.24 -1.76	44.26 5.25 -1.48	48.85 5.75 -2.05	46.06 5.62 -1.67	44.17 5.29 -1.35	50.14 5.72 -2.38	44.86 5.33 -0.91	44.25 4.94 -1.61	44.03 4.91 -1.35	45.88 5.58 -0.98	50.37 6.16 -1.72	55.77 7.55 -1.91	72.49 8.19 -15.53	66.93 7.68 -12.99	56.86 7.42 -3.35	52.55 6.46 -3.00	46.54 5.99 -1.61	41.76 5.40 -1.28	40.49 4.88 -1.46
WADING RIVER_IC_2 23547	35.83 3.29 -1.54	35.19 2.85 -2.64	33.19 2.80 -1.86	31.23 2.65 -0.33	32.16 2.70 -0.45	35.30 3.24 -1.76	44.26 5.25 -1.48	48.85 5.75 -2.05	46.06 5.62 -1.67	44.17 5.29 -1.35	50.14 5.72 -2.38	44.86 5.33 -0.91	44.25 4.94 -1.61	44.03 4.91 -1.35	45.88 5.58 -0.98	50.37 6.16 -1.72	55.77 7.55 -1.91	72.49 8.19 -15.53	66.93 7.68 -12.99	56.86 7.42 -3.35	52.55 6.46 -3.00	46.54 5.99 -1.61	41.76 5.40 -1.28	40.49 4.88 -1.46
WADING RIVER_IC_3 23601	35.83 3.29 -1.54	35.19 2.85 -2.64	33.19 2.80 -1.86	31.23 2.65 -0.33	32.16 2.70 -0.45	35.30 3.24 -1.76	44.26 5.25 -1.48	48.85 5.75 -2.05	46.06 5.62 -1.67	44.17 5.29 -1.35	50.14 5.72 -2.38	44.86 5.33 -0.91	44.25 4.94 -1.61	44.03 4.91 -1.35	45.88 5.58 -0.98	50.37 6.16 -1.72	55.77 7.55 -1.91	72.49 8.19 -15.53	66.93 7.68 -12.99	56.86 7.42 -3.35	52.55 6.46 -3.00	46.54 5.99 -1.61	41.76 5.40 -1.28	40.49 4.88 -1.46
WALDENNY_12_KV_BK2 80841	31.26 0.25 0.00	30.11 0.42 0.00	28.81 0.29 0.00	28.67 0.42 0.00	29.45 0.44 0.00	30.69 0.39 0.00	39.21 1.69 0.00	41.67 0.62 0.00	39.54 0.78 0.00	38.24 0.71 0.00	42.47 0.42 0.00	38.23 -0.39 0.00	37.44 -0.26 0.00	37.51 -0.26 0.00	39.01 -0.31 0.00	42.07 -0.42 0.00	45.56 -0.88 -0.14	50.86 0.15 -1.94	46.57 -1.20 -1.51	44.55 -1.61 -0.08	42.18 -0.90 0.00	37.85 -1.09 0.00	34.21 -0.88 0.00	34.11 -0.03 0.00
WALDEN__HYDRO 24148	32.13 1.11 0.00	30.62 0.92 0.00	29.41 0.89 0.00	29.12 0.88 0.00	29.88 0.87 0.00	31.42 1.12 0.00	39.85 2.33 0.00	43.56 2.50 0.00	40.94 2.17 0.00	39.82 2.29 0.00	44.57 2.52 0.00	41.05 2.43 0.00	40.04 2.34 0.00	40.08 2.30 0.00	41.88 2.55 0.00	45.29 2.80 0.00	51.07 3.80 -0.97	67.48 4.24 -14.47	61.38 3.89 -11.23	50.30 3.69 -0.52	46.15 3.06 0.00	41.78 2.84 0.00	37.64 2.56 0.00	36.47 2.32 0.00
WARRENSBURG____ 23737	32.07 1.06 0.00	30.67 0.98 0.00	29.44 0.91 0.00	29.21 0.96 0.00	30.03 1.01 0.00	31.60 1.30 0.00	39.62 2.10 0.00	43.56 2.50 0.00	40.94 2.17 0.00	39.52 1.99 0.00	44.40 2.35 0.00	40.51 1.89 0.00	39.47 1.77 0.00	39.43 1.66 0.00	41.01 1.69 0.00	44.32 1.83 0.00	50.31 2.64 -1.36	72.15 3.07 -20.30	64.61 2.59 -15.76	49.31 2.49 -0.73	45.20 2.11 0.00	41.19 2.26 0.00	36.98 1.89 0.00	36.06 1.91 0.00

WATERSIDE___6 8 9 23538	32.35 1.33 0.00	30.76 1.07 0.00	29.55 1.03 0.00	29.20 0.96 0.00	29.94 0.93 0.00	31.54 1.24 0.00	40.23 2.70 0.00	44.05 3.00 0.00	41.75 2.99 0.00	40.50 2.96 0.00	45.37 3.32 0.00	41.86 3.24 0.00	40.83 3.13 0.00	40.87 3.10 0.00	42.63 3.30 0.00	46.10 3.61 0.00	52.23 4.91 -1.01	69.08 5.17 -15.14	62.96 4.95 -11.75	51.34 4.70 -0.54	46.79 3.71 0.00	42.48 3.54 0.00	38.35 3.26 0.00	37.19 3.04 -0.01
WATKINRD_115KV_LN8_ILLION 55919	31.17 0.16 0.00	29.81 0.12 0.00	28.64 0.11 0.00	28.39 0.14 0.00	29.16 0.15 0.00	30.51 0.21 0.00	37.97 0.45 0.00	41.59 0.53 0.00	39.27 0.50 0.00	37.98 0.45 0.00	42.59 0.55 0.00	39.12 0.50 0.00	38.19 0.49 0.00	38.26 0.49 0.00	39.87 0.55 0.00	43.09 0.59 0.00	47.14 0.83 0.00	49.80 1.02 0.00	47.09 0.83 0.00	46.83 0.74 0.00	43.74 0.65 0.00	39.48 0.55 0.00	35.57 0.49 0.00	34.62 0.48 0.00
WATSON___69_KV_BK 1 55734	36.32 3.16 -2.15	36.14 2.76 -3.69	33.81 2.68 -2.60	31.28 2.57 -0.46	32.26 2.61 -0.63	35.88 3.12 -2.46	44.65 5.07 -2.06	49.48 5.58 -2.84	46.48 5.39 -2.32	44.66 5.25 -1.87	50.83 5.47 -3.32	44.91 5.02 -1.27	44.78 4.83 -2.25	44.46 4.80 -1.89	45.88 5.19 -1.36	50.70 5.82 -2.39	55.67 7.09 -2.28	72.54 7.75 -16.01	67.19 7.22 -13.71	57.40 6.91 -4.39	53.23 6.03 -4.11	46.74 5.57 -2.24	42.00 5.16 -1.76	41.01 4.81 -2.04
WDELAWARE___HYD 323627	32.03 1.02 0.00	30.56 0.86 0.00	29.36 0.83 0.00	29.06 0.82 0.00	29.82 0.81 0.00	31.36 1.06 0.00	39.81 2.29 0.00	43.43 2.38 0.00	40.98 2.21 0.00	39.59 2.06 0.00	44.28 2.23 0.00	40.81 2.20 0.00	39.77 2.07 0.00	39.81 2.04 0.00	41.64 2.32 0.00	45.08 2.59 0.00	50.84 3.61 -0.92	66.63 4.14 -13.71	60.65 3.75 -10.64	50.08 3.50 -0.49	45.93 2.84 0.00	41.62 2.68 0.00	37.43 2.35 0.00	36.26 2.12 0.00
WEST BABYLON___IC 23714	37.24 2.88 -3.34	37.96 2.52 -5.74	35.03 2.45 -4.05	31.34 2.37 -0.72	32.41 2.41 -0.99	36.98 2.85 -3.83	45.42 4.69 -3.21	50.65 5.17 -4.42	47.43 5.04 -3.62	45.37 4.92 -2.92	52.39 5.17 -5.17	45.35 4.75 -1.99	45.77 4.56 -3.50	45.28 4.57 -2.94	46.29 4.84 -2.13	51.61 5.40 -3.72	55.82 6.53 -2.98	72.42 7.12 -16.52	67.78 6.66 -14.86	59.12 6.36 -6.67	55.15 5.52 -6.55	47.56 5.14 -3.49	42.68 4.84 -2.76	41.87 4.54 -3.18
WEST CANADA___HYD 24049	31.04 0.03 0.00	29.69 0.00 0.00	28.53 0.00 0.00	28.24 0.00 0.00	29.01 0.00 0.00	30.36 0.06 0.00	37.75 0.23 0.00	41.30 0.25 0.00	39.00 0.23 0.00	37.72 0.19 0.00	42.30 0.25 0.00	38.85 0.23 0.00	37.93 0.23 0.00	38.00 0.23 0.00	39.52 0.20 0.00	42.75 0.26 0.00	46.72 0.42 0.00	49.31 0.54 0.00	46.68 0.42 0.00	46.46 0.37 0.00	43.35 0.26 0.00	39.17 0.24 0.00	35.29 0.21 0.00	34.35 0.21 0.00
WESTERN_NY_WIND 24143	31.17 0.16 0.00	29.99 0.30 0.00	28.61 0.09 0.00	28.47 0.23 0.00	29.27 0.26 0.00	30.54 0.24 0.00	39.06 1.54 0.00	41.71 0.66 0.00	39.62 0.85 0.00	38.32 0.79 0.00	42.59 0.55 0.00	38.38 -0.23 0.00	37.51 -0.19 0.00	37.62 -0.15 0.00	39.13 -0.20 0.00	42.28 -0.21 0.00	46.57 0.14 -0.13	51.71 1.12 -1.81	47.44 -0.23 -1.41	45.51 -0.65 -0.07	42.31 -0.78 0.00	37.92 -1.01 0.00	34.24 -0.84 0.00	34.08 -0.07 0.00
WESTOVER___LESR 323668	31.42 0.40 0.00	30.11 0.42 0.00	28.93 0.40 0.00	28.64 0.40 0.00	29.45 0.44 0.00	30.78 0.48 0.00	38.76 1.24 0.00	42.24 1.19 0.00	39.93 1.16 0.00	38.62 1.09 0.00	43.14 1.09 0.00	39.46 0.85 0.00	38.53 0.83 0.00	38.60 0.83 0.00	40.23 0.90 0.00	43.51 1.02 0.00	47.85 1.20 -0.34	55.45 1.66 -5.02	51.27 1.11 -3.90	47.24 0.97 -0.18	44.04 0.95 0.00	39.71 0.78 0.00	35.75 0.67 0.00	34.90 0.75 0.00
WETHRSFD_WT_PWR 323626	31.07 0.06 0.00	29.93 0.24 0.00	28.70 0.17 0.00	28.56 0.31 0.00	29.39 0.38 0.00	30.66 0.36 0.00	39.10 1.58 0.00	41.79 0.74 0.00	39.70 0.93 0.00	38.43 0.90 0.00	42.59 0.55 0.00	38.54 -0.08 0.00	37.70 0.00 0.00	37.81 0.04 0.00	38.97 -0.35 0.00	42.41 -0.08 0.00	46.01 -0.46 -0.17	51.80 0.59 -2.44	47.51 -0.65 -1.90	45.17 -1.01 -0.09	42.57 -0.52 0.00	38.19 -0.74 0.00	34.56 -0.53 0.00	34.22 0.07 0.00
WHAVSTOR_138KV_BK127 55557	32.00 0.99 0.00	30.50 0.80 0.00	29.33 0.80 0.00	29.01 0.76 0.00	29.74 0.73 0.00	31.30 1.00 0.00	39.78 2.25 0.00	43.52 2.46 0.00	41.17 2.40 0.00	39.78 2.25 0.00	44.53 2.48 0.00	41.01 2.39 0.00	40.00 2.30 0.00	40.04 2.27 0.00	41.76 2.44 0.00	45.17 2.68 0.00	51.02 3.75 -0.97	67.23 4.05 -14.41	61.19 3.75 -11.19	50.16 3.55 -0.52	45.98 2.89 0.00	41.62 2.69 0.00	37.57 2.49 0.00	36.40 2.25 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.00 0.99 0.00	30.50 0.80 0.00	29.33 0.80 0.00	29.01 0.76 0.00	29.74 0.73 0.00	31.30 1.00 0.00	39.78 2.25 0.00	43.52 2.46 0.00	41.17 2.40 0.00	39.78 2.25 0.00	44.53 2.48 0.00	41.01 2.39 0.00	40.00 2.30 0.00	40.04 2.27 0.00	41.76 2.44 0.00	45.17 2.68 0.00	51.02 3.75 -0.97	67.23 4.05 -14.41	61.19 3.75 -11.19	50.16 3.55 -0.52	45.98 2.89 0.00	41.62 2.69 0.00	37.57 2.49 0.00	36.40 2.25 0.00
WHITEHAL_115KV_TB1 80871	32.38 1.36 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.49 1.24 0.00	30.35 1.33 0.00	31.99 1.70 0.00	40.26 2.74 0.00	44.30 3.24 0.00	41.60 2.83 0.00	40.08 2.55 0.00	44.99 2.94 0.00	41.08 2.47 0.00	40.00 2.30 0.00	40.04 2.27 0.00	41.64 2.32 0.00	45.12 2.63 0.00	51.37 3.70 -1.36	73.25 4.24 -20.24	65.62 3.65 -15.71	50.23 3.41 -0.73	46.11 3.02 0.00	41.82 2.88 0.00	37.47 2.39 0.00	36.47 2.32 0.00
WHITEPLN_13_KV_LOAD 356215	32.47 1.46 0.00	30.94 1.25 0.00	29.73 1.20 0.00	29.40 1.16 0.00	30.14 1.13 0.00	31.78 1.48 0.00	40.56 3.04 0.00	44.67 3.61 0.00	42.30 3.53 0.00	40.95 3.42 0.00	45.79 3.74 0.00	42.17 3.55 0.00	41.06 3.36 0.00	41.13 3.36 0.00	42.90 3.58 0.00	46.48 3.99 0.00	52.60 5.28 -1.01	69.55 5.66 -15.12	63.31 5.32 -11.73	51.66 5.02 -0.54	47.27 4.18 0.00	42.71 3.78 0.00	38.49 3.40 0.00	37.29 3.14 0.00
WM_FLOYD_69_KV_BK2 356380	35.75 3.16 -1.57	35.13 2.73 -2.70	33.11 2.68 -1.90	31.15 2.57 -0.34	32.08 2.61 -0.46	35.22 3.12 -1.80	44.14 5.10 -1.51	48.78 5.62 -2.10	45.86 5.39 -1.71	44.20 5.29 -1.38	49.94 5.47 -2.43	44.57 5.02 -0.93	44.13 4.79 -1.65	43.91 4.76 -1.38	45.51 5.19 -1.00	50.11 5.86 -1.76	55.44 7.18 -1.95	72.43 7.85 -15.80	66.79 7.31 -13.22	56.51 7.01 -3.42	52.23 6.08 -3.06	46.23 5.65 -1.65	41.53 5.16 -1.29	40.42 4.78 -1.50
WOODARD___115KV_TB2 355635	30.55 -0.47 0.00	29.25 -0.45 0.00	28.10 -0.43 0.00	27.82 -0.42 0.00	28.58 -0.44 0.00	29.81 -0.48 0.00	37.26 -0.26 0.00	40.73 -0.33 0.00	38.50 -0.27 0.00	37.27 -0.26 0.00	41.71 -0.34 0.00	38.19 -0.42 0.00	37.29 -0.41 0.00	37.36 -0.42 0.00	38.89 -0.43 0.00	42.07 -0.42 0.00	46.22 -0.19 -0.10	50.31 0.10 -1.44	47.15 -0.23 -1.12	45.77 -0.37 -0.05	42.57 -0.52 0.00	38.39 -0.55 0.00	34.56 -0.53 0.00	33.70 -0.44 0.00

YORK____WARBASSE	32.50	30.94	29.70	29.35	30.09	31.66	40.41	44.21	41.91	40.65	45.50	41.97	40.94	41.02	42.78	46.27	52.51	69.37	63.33	51.66	46.97	42.67	38.49	37.40
23770	1.49	1.25	1.17	1.10	1.07	1.36	2.89	3.16	3.14	3.12	3.45	3.36	3.24	3.25	3.46	3.78	5.19	5.46	5.32	5.02	3.88	3.74	3.40	3.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.01	-15.14	-11.75	-0.54	0.00	0.00	0.00	-0.01