

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		05/08/2025																										
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1	24138	40.89	32.29	32.25	31.28	32.43	36.26	46.98	50.49	47.79	41.77	40.36	39.65	38.79	39.19	40.21	41.07	46.12	51.18	57.19	60.40	59.52	50.75	43.31	36.53			
		2.28	2.00	1.97	1.88	1.86	2.18	2.99	3.57	3.74	3.38	3.30	3.34	3.33	3.50	3.44	3.61	4.04	4.23	4.43	4.99	4.36	3.67	2.95	2.39			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.00	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1	24260	40.93	32.29	32.22	31.25	32.40	36.19	46.90	50.35	47.65	41.65	40.29	39.58	38.69	39.09	40.10	40.96	45.99	51.04	57.09	60.29	59.46	50.70	43.27	36.49			
		2.32	2.00	1.94	1.85	1.83	2.11	2.90	3.43	3.61	3.26	3.22	3.27	3.23	3.39	3.34	3.50	3.91	4.08	4.33	4.88	4.30	3.62	2.91	2.36			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.00	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2	24261	40.93	32.29	32.22	31.25	32.40	36.19	46.90	50.35	47.65	41.65	40.29	39.58	38.69	39.09	40.10	40.96	45.99	51.04	57.09	60.29	59.46	50.70	43.27	36.49			
		2.32	2.00	1.94	1.85	1.83	2.11	2.90	3.43	3.61	3.26	3.22	3.27	3.23	3.39	3.34	3.50	3.91	4.08	4.33	4.88	4.30	3.62	2.91	2.36			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.00	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS	24011	40.12	31.57	31.58	30.63	31.88	35.58	46.15	49.17	45.80	39.69	38.32	37.80	36.84	37.16	35.98	38.70	43.89	49.07	55.29	58.19	57.86	49.52	42.27	35.60			
		1.51	1.27	1.30	1.23	1.31	1.50	2.16	2.25	1.76	1.31	1.26	1.49	1.38	1.46	1.36	1.45	1.81	2.11	2.53	2.77	2.70	2.45	1.90	1.47			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY	23798	40.24	31.66	31.65	30.69	31.97	35.68	46.32	49.36	45.98	39.77	38.40	37.87	36.91	37.23	36.05	38.81	44.02	49.16	55.50	58.02	58.14	49.71	42.43	35.71			
		1.62	1.36	1.36	1.29	1.41	1.60	2.33	2.44	1.94	1.38	1.33	1.56	1.45	1.53	1.43	1.56	1.94	2.21	2.74	2.61	2.98	2.63	2.06	1.57			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS	24028	40.12	31.57	31.58	30.63	31.88	35.58	46.15	49.17	45.80	39.69	38.32	37.80	36.84	37.16	35.98	38.70	43.89	49.07	55.29	58.19	57.86	49.52	42.27	35.60			
		1.51	1.27	1.30	1.23	1.31	1.50	2.16	2.25	1.76	1.31	1.26	1.49	1.38	1.46	1.36	1.45	1.81	2.11	2.53	2.77	2.70	2.45	1.90	1.47			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM	23527	39.85	31.51	31.46	30.54	31.76	35.37	45.75	48.70	45.41	39.04	37.80	37.08	36.13	36.55	35.60	38.15	43.43	48.74	54.87	57.02	57.37	48.86	41.90	35.36			
		1.24	1.21	1.18	1.15	1.19	1.29	1.76	1.78	1.37	0.65	0.74	0.76	0.67	0.86	0.90	0.89	1.35	1.78	2.11	1.61	2.21	1.79	1.53	1.23			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP	24190	38.85	30.69	30.71	29.78	30.96	34.45	44.48	47.48	44.31	38.50	37.21	36.38	35.53	35.87	35.02	37.62	42.54	47.47	53.29	55.91	55.55	47.50	40.81	34.44			
		0.23	0.39	0.42	0.38	0.40	0.37	0.48	0.56	0.26	0.12	0.15	0.07	0.07	0.18	0.38	0.37	0.46	0.52	0.53	0.50	0.39	0.42	0.44	0.31			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK	355683	38.65	30.35	30.43	29.54	30.57	34.15	44.08	46.92	44.22	38.58	37.17	36.42	35.64	35.77	34.91	37.41	42.33	47.19	52.97	55.41	55.55	47.36	40.77	34.27			
		0.04	0.06	0.15	0.15	0.00	0.07	0.09	0.00	0.18	0.19	0.11	0.11	0.18	0.07	0.14	0.15	0.25	0.23	0.21	0.00	0.39	0.28	0.40	0.14			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR	323833	39.50	31.17	31.19	30.25	31.45	35.00	45.13	48.04	44.74	38.77	37.47	36.75	35.89	36.20	35.36	37.89	42.92	47.98	53.98	56.41	56.43	48.25	41.38	34.99			
		0.89	0.88	0.91	0.85	0.89	0.92	1.14	1.12	0.70	0.38	0.41	0.44	0.43	0.50	0.59	0.63	0.84	1.03	1.21	1.00	1.27	1.18	1.01	0.85			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR	323834	39.50	31.14	31.16	30.25	31.45	35.00	45.13	48.04	44.74	38.77	37.47	36.75	35.89	36.20	35.36	37.89	42.88	47.94	53.98	56.41	56.43	48.25	41.38	34.99			
		0.89	0.85	0.88	0.85	0.89	0.92	1.14	1.12	0.70	0.38	0.41	0.44	0.43	0.50	0.59	0.63	0.80	0.99	1.21	1.00	1.27	1.18	1.01	0.85			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY___1	23571	38.85	30.69	30.71	29.78	30.96	34.45	44.48	47.48	44.31	38.50	37.21	36.38	35.53	35.87	35.02	37.62	42.54	47.47	53.29	55.91	55.55	47.50	40.81	34.44			
		0.23	0.39	0.42	0.38	0.40	0.37	0.48	0.56	0.26	0.12	0.15	0.07	0.07	0.18	0.38	0.37	0.46	0.52	0.53	0.50	0.39	0.42	0.44	0.31			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

ALBANY___2 23572	38.85 0.23 0.00	30.69 0.39 0.00	30.71 0.42 0.00	29.78 0.38 0.00	30.96 0.40 0.00	34.45 0.37 0.00	44.48 0.48 0.00	47.48 0.56 0.00	44.31 0.26 0.00	38.50 0.12 0.00	37.21 0.15 0.00	36.38 0.07 0.00	35.53 0.07 0.00	35.87 0.18 0.00	35.02 0.38 0.14	37.62 0.37 0.01	42.54 0.46 0.00	47.47 0.52 0.00	53.29 0.53 0.00	55.91 0.50 0.00	55.55 0.39 0.00	47.50 0.42 0.00	40.81 0.44 0.00	34.44 0.31 0.00
ALBANY___3 23573	38.85 0.23 0.00	30.69 0.39 0.00	30.71 0.42 0.00	29.78 0.38 0.00	30.96 0.40 0.00	34.45 0.37 0.00	44.48 0.48 0.00	47.48 0.56 0.00	44.31 0.26 0.00	38.50 0.12 0.00	37.21 0.15 0.00	36.38 0.07 0.00	35.53 0.07 0.00	35.87 0.18 0.00	35.02 0.38 0.14	37.62 0.37 0.01	42.54 0.46 0.00	47.47 0.52 0.00	53.29 0.53 0.00	55.91 0.50 0.00	55.55 0.39 0.00	47.50 0.42 0.00	40.81 0.44 0.00	34.44 0.31 0.00
ALBANY___4 23574	38.85 0.23 0.00	30.69 0.39 0.00	30.71 0.42 0.00	29.78 0.38 0.00	30.96 0.40 0.00	34.45 0.37 0.00	44.48 0.48 0.00	47.48 0.56 0.00	44.31 0.26 0.00	38.50 0.12 0.00	37.21 0.15 0.00	36.38 0.07 0.00	35.53 0.07 0.00	35.87 0.18 0.00	35.02 0.38 0.14	37.62 0.37 0.01	42.54 0.46 0.00	47.47 0.52 0.00	53.29 0.53 0.00	55.91 0.50 0.00	55.55 0.39 0.00	47.50 0.42 0.00	40.81 0.44 0.00	34.44 0.31 0.00
ALBANY___LFGE 323615	39.19 0.58 0.00	30.93 0.64 0.00	30.95 0.67 0.00	30.01 0.62 0.00	31.21 0.64 0.00	34.73 0.65 0.00	44.87 0.88 0.00	47.91 0.99 0.00	44.79 0.75 0.00	38.85 0.46 0.00	37.58 0.52 0.00	36.78 0.47 0.00	35.89 0.43 0.00	36.23 0.54 0.00	35.35 0.70 0.11	37.96 0.71 0.01	42.92 0.84 0.00	47.89 0.94 0.00	53.76 1.00 0.00	56.13 0.72 0.00	56.16 0.99 0.00	47.92 0.85 0.00	41.18 0.81 0.00	34.75 0.62 0.00
ALCOA_PA_115KV_PL-6C 55860	38.42 -0.19 0.00	30.17 -0.12 0.00	30.25 -0.03 0.00	29.37 -0.03 0.00	30.41 -0.15 0.00	33.98 -0.10 0.00	43.86 -0.13 0.00	46.59 -0.33 0.00	43.95 -0.09 0.00	38.35 -0.04 0.00	36.92 -0.15 0.00	36.17 -0.15 0.00	35.35 -0.11 0.00	35.52 -0.18 0.00	34.67 -0.10 0.00	37.15 -0.11 0.00	42.04 -0.04 0.00	46.81 -0.14 0.00	52.60 -0.16 0.00	55.03 -0.39 0.00	55.22 0.06 0.00	47.03 -0.05 0.00	40.65 0.28 0.00	34.17 0.03 0.00
ALCOA_RYNLDS___DRP 24188	38.42 -0.19 0.00	30.17 -0.12 0.00	30.25 -0.03 0.00	29.37 -0.03 0.00	30.41 -0.15 0.00	33.98 -0.10 0.00	43.86 -0.13 0.00	46.59 -0.33 0.00	43.95 -0.09 0.00	38.35 -0.04 0.00	36.92 -0.15 0.00	36.17 -0.15 0.00	35.35 -0.11 0.00	35.52 -0.18 0.00	34.67 -0.10 0.00	37.15 -0.11 0.00	42.04 -0.04 0.00	46.81 -0.14 0.00	52.60 -0.16 0.00	55.03 -0.39 0.00	55.22 0.06 0.00	47.03 -0.05 0.00	40.65 0.28 0.00	34.17 0.03 0.00
ALCOA___DSASP 323711	38.42 -0.19 0.00	30.17 -0.12 0.00	30.25 -0.03 0.00	29.37 -0.03 0.00	30.41 -0.15 0.00	33.98 -0.10 0.00	43.86 -0.13 0.00	46.59 -0.33 0.00	43.95 -0.09 0.00	38.35 -0.04 0.00	36.92 -0.15 0.00	36.17 -0.14 0.00	35.35 -0.11 0.00	35.52 -0.18 0.00	34.67 -0.10 0.00	37.15 -0.11 0.00	42.04 -0.04 0.00	46.81 -0.14 0.00	52.60 -0.16 0.00	55.53 0.11 0.00	55.22 0.06 0.00	47.03 -0.05 0.00	40.65 0.28 0.00	34.17 0.03 0.00
ALLEGHENY___COGEN 23514	40.66 2.05 0.00	30.51 0.21 0.00	30.25 -0.03 0.00	29.46 0.06 0.00	30.81 0.24 0.00	34.52 0.44 0.00	44.08 0.09 0.00	46.69 -0.23 0.00	43.16 -0.88 0.00	37.73 -0.65 0.00	36.14 -0.93 0.00	35.11 -1.20 0.00	34.25 -1.21 0.00	34.27 -1.43 0.00	33.24 -1.53 0.00	35.77 -1.49 0.00	40.14 -1.93 0.00	45.12 -1.83 0.00	51.65 -1.11 0.00	54.97 -0.45 0.00	55.00 -0.16 0.00	46.75 -0.33 0.00	40.33 -0.04 0.00	34.61 0.48 0.00
ALTAMONT_115KV_TB 2 55880	39.31 0.70 0.00	30.99 0.70 0.00	30.98 0.70 0.00	30.07 0.68 0.00	31.24 0.67 0.00	34.80 0.72 0.00	44.96 0.97 0.00	48.00 1.08 0.00	44.84 0.79 0.00	38.96 0.58 0.00	37.66 0.59 0.00	36.97 0.65 0.00	36.10 0.64 0.00	36.41 0.71 0.00	35.30 0.73 0.20	37.99 0.75 0.02	43.00 0.93 0.00	47.99 1.03 0.00	53.92 1.16 0.00	56.69 1.27 0.00	56.27 1.10 0.00	48.11 1.04 0.00	41.22 0.85 0.00	34.82 0.68 0.00
ALTONA_WT_PWR 323606	38.96 0.35 0.00	30.60 0.30 0.00	30.71 0.42 0.00	29.81 0.41 0.00	30.87 0.31 0.00	34.52 0.44 0.00	44.61 0.62 0.00	47.49 0.57 0.00	44.74 0.70 0.00	39.04 0.65 0.00	37.58 0.52 0.00	36.82 0.51 0.00	35.99 0.53 0.00	36.16 0.46 0.00	35.26 0.49 0.00	37.78 0.52 0.00	42.75 0.67 0.00	47.70 0.75 0.00	53.55 0.79 0.00	56.58 1.17 0.00	56.21 1.05 0.00	47.82 0.75 0.00	41.10 0.73 0.00	34.51 0.38 0.00
AMERICAN_REF_FUEL 24010	37.92 -0.69 0.00	28.26 -2.03 0.00	27.89 -2.39 0.00	27.28 -2.12 0.00	28.46 -2.11 0.00	31.73 -2.35 0.00	40.21 -3.78 0.00	42.46 -4.46 0.00	39.60 -4.45 0.00	35.24 -3.15 0.00	33.95 -3.11 0.00	33.15 -3.16 0.00	32.45 -3.01 0.00	32.30 -3.39 0.00	31.33 -3.44 0.00	33.61 -3.65 0.00	37.32 -4.76 0.00	41.32 -5.64 0.00	46.90 -5.86 0.00	49.26 -6.15 0.00	49.09 -6.07 0.00	41.90 -5.18 0.00	36.65 -3.71 0.00	31.92 -2.22 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	40.20 1.58 0.00	29.84 -0.45 0.00	29.40 -0.88 0.00	28.78 -0.62 0.00	30.05 -0.52 0.00	33.50 -0.58 0.00	42.89 -1.10 0.00	45.56 -1.36 0.00	42.41 -1.63 0.00	37.62 -0.77 0.00	36.17 -0.89 0.00	35.15 -1.16 0.00	34.36 -1.10 0.00	34.09 -1.61 0.00	33.03 -1.74 0.00	35.47 -1.79 0.00	39.34 -2.73 0.00	43.71 -3.24 0.00	49.54 -3.22 0.00	52.15 -3.27 0.00	52.13 -3.03 0.00	44.48 -2.59 0.00	38.67 -1.69 0.00	33.49 -0.65 0.00
ARTHUR KILL_GT_1 23520	50.68 2.28 -9.79	48.46 2.27 -15.89	48.44 1.97 -16.19	31.31 1.91 0.00	47.89 1.86 -15.46	48.43 1.94 -12.40	51.64 2.46 -5.18	54.94 2.96 -5.06	52.68 3.22 -5.42	52.76 2.96 -11.41	52.46 2.89 -12.51	52.21 2.98 -12.92	52.25 2.98 -13.81	52.28 3.14 -13.45	52.21 3.13 -14.31	52.43 3.28 -11.89	54.57 3.70 -8.78	50.85 3.90 0.00	56.76 4.01 0.01	59.95 4.54 0.01	59.13 3.97 0.01	57.05 3.25 -6.73	51.58 2.66 -8.55	50.31 2.29 -13.89
ARTHUR_KILL_2 23512	50.81 2.39 -9.80	48.37 2.18 -15.89	48.37 1.88 -16.21	48.37 1.82 -17.15	47.81 1.77 -15.47	48.37 1.87 -12.42	51.51 2.33 -5.19	54.85 2.86 -5.07	52.64 3.17 -5.42	52.64 2.84 -11.41	52.42 2.85 -12.51	52.14 2.91 -12.92	52.14 2.87 -13.81	52.14 3.00 -13.45	52.14 3.06 -14.31	52.32 3.17 -11.89	54.44 3.57 -8.78	50.71 3.76 0.00	56.60 3.85 0.01	59.28 3.88 0.01	58.91 3.75 0.01	56.92 3.11 -6.74	51.51 2.59 -8.56	50.26 2.22 -13.91
ARTHUR_KILL_3 23513	50.23 1.82 -9.80	47.89 1.70 -15.90	48.16 1.66 -16.21	48.10 1.56 -17.15	47.60 1.56 -15.47	48.30 1.81 -12.42	51.64 2.46 -5.19	55.00 3.01 -5.07	52.73 3.26 -5.43	52.69 2.88 -11.42	52.47 2.89 -12.51	52.15 2.91 -12.93	52.15 2.87 -13.82	52.18 3.03 -13.45	52.08 2.99 -14.32	52.29 3.13 -11.90	54.36 3.49 -8.79	50.62 3.66 0.00	56.56 3.80 0.00	59.24 3.82 0.00	58.86 3.70 0.00	56.98 3.15 -6.75	51.48 2.54 -8.56	50.06 2.01 -13.91

ARTHUR_KILL_COGEN 323718	50.92 2.51 -9.80	48.46 2.27 -15.89	48.46 1.97 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.44 1.94 -12.42	51.60 2.42 -5.19	54.94 2.96 -5.07	52.77 3.30 -5.42	52.76 2.96 -11.41	52.50 2.93 -12.51	52.21 2.98 -12.92	52.25 2.98 -13.81	52.25 3.10 -13.45	52.21 3.13 -14.31	52.43 3.28 -11.89	54.57 3.70 -8.78	50.85 3.89 0.00	56.76 4.01 0.01	59.45 4.04 0.01	59.07 3.92 0.01	57.06 3.25 -6.74	51.59 2.66 -8.56	50.33 2.29 -13.91
ASHOKAN____ 23654	39.97 1.35 0.00	31.51 1.21 0.00	31.52 1.24 0.00	30.57 1.18 0.00	31.79 1.22 0.00	35.44 1.36 0.00	45.84 1.85 0.00	48.84 1.92 0.00	45.81 1.76 0.00	39.42 1.04 0.00	38.14 1.08 0.00	37.25 0.94 0.00	36.49 1.03 0.00	36.84 1.14 0.00	37.18 1.70 -0.71	39.16 1.83 -0.07	43.72 1.64 0.00	48.97 2.02 0.00	54.93 2.16 0.00	57.96 2.55 0.00	57.65 2.48 0.00	49.29 2.21 0.00	42.06 1.70 0.00	35.67 1.54 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.66 2.05 0.00	32.20 1.91 0.00	32.10 1.82 0.00	31.22 1.82 0.00	32.21 1.65 0.00	35.81 1.74 0.01	46.36 2.37 0.01	49.87 2.96 0.01	47.29 3.26 0.01	41.34 2.96 0.01	39.98 2.93 0.01	39.28 2.98 0.01	38.39 2.94 0.01	38.76 3.07 0.01	39.85 3.09 -1.99	40.66 3.20 -0.19	45.69 3.62 0.01	50.65 3.71 0.01	56.60 3.85 0.01	59.28 3.88 0.01	58.91 3.75 0.01	50.22 3.15 0.01	42.86 2.50 0.01	36.14 2.01 0.01
ASTORIA_EAST_ENERGY_CC2 323582	40.66 2.05 0.00	32.20 1.91 0.00	32.10 1.82 0.00	31.22 1.82 0.00	32.21 1.65 0.00	35.81 1.74 0.01	46.36 2.37 0.01	49.87 2.96 0.01	47.29 3.26 0.01	41.34 2.96 0.01	39.98 2.93 0.01	39.28 2.98 0.01	38.39 2.94 0.01	38.76 3.07 0.01	39.85 3.09 -1.99	40.66 3.20 -0.19	45.69 3.62 0.01	50.65 3.71 0.01	56.60 3.85 0.01	59.28 3.88 0.01	58.91 3.75 0.01	50.22 3.15 0.01	42.86 2.50 0.01	36.14 2.01 0.01
ASTORIA_GT2_1 24094	40.66 2.05 0.00	32.20 1.91 0.00	32.13 1.85 0.00	31.25 1.85 0.00	32.22 1.65 0.00	35.85 1.77 0.00	46.37 2.38 0.00	49.88 2.96 0.00	47.26 3.22 0.00	41.34 2.96 0.00	39.99 2.93 0.00	39.29 2.98 0.00	38.44 2.98 0.00	38.80 3.11 0.00	39.86 3.09 -2.00	40.70 3.24 -0.20	45.70 3.62 0.00	50.66 3.71 0.00	56.61 3.85 0.00	59.79 4.38 0.00	58.91 3.75 0.00	50.23 3.15 0.00	42.87 2.50 0.00	36.15 2.01 0.00
ASTORIA_GT2_2 24095	40.66 2.05 0.00	32.20 1.91 0.00	32.13 1.85 0.00	31.25 1.85 0.00	32.22 1.65 0.00	35.85 1.77 0.00	46.37 2.38 0.00	49.88 2.96 0.00	47.26 3.22 0.00	41.34 2.96 0.00	39.99 2.93 0.00	39.29 2.98 0.00	38.44 2.98 0.00	38.80 3.11 0.00	39.86 3.09 -2.00	40.70 3.24 -0.20	45.70 3.62 0.00	50.66 3.71 0.00	56.61 3.85 0.00	59.79 4.38 0.00	58.91 3.75 0.00	50.23 3.15 0.00	42.87 2.50 0.00	36.15 2.01 0.00
ASTORIA_GT2_3 24096	40.66 2.05 0.00	32.20 1.91 0.00	32.13 1.85 0.00	31.25 1.85 0.00	32.22 1.65 0.00	35.85 1.77 0.00	46.37 2.38 0.00	49.88 2.96 0.00	47.26 3.22 0.00	41.34 2.96 0.00	39.99 2.93 0.00	39.29 2.98 0.00	38.44 2.98 0.00	38.80 3.11 0.00	39.86 3.09 -2.00	40.70 3.24 -0.20	45.70 3.62 0.00	50.66 3.71 0.00	56.61 3.85 0.00	59.79 4.38 0.00	58.91 3.75 0.00	50.23 3.15 0.00	42.87 2.50 0.00	36.15 2.01 0.00
ASTORIA_GT2_4 24097	40.66 2.05 0.00	32.20 1.91 0.00	32.13 1.85 0.00	31.25 1.85 0.00	32.22 1.65 0.00	35.85 1.77 0.00	46.37 2.38 0.00	49.88 2.96 0.00	47.26 3.22 0.00	41.34 2.96 0.00	39.99 2.93 0.00	39.29 2.98 0.00	38.44 2.98 0.00	38.80 3.11 0.00	39.86 3.09 -2.00	40.70 3.24 -0.20	45.70 3.62 0.00	50.66 3.71 0.00	56.61 3.85 0.00	59.79 4.38 0.00	58.91 3.75 0.00	50.23 3.15 0.00	42.87 2.50 0.00	36.15 2.01 0.00
ASTORIA_GT3_1 24098	40.66 2.05 0.00	32.20 1.91 0.00	32.13 1.85 0.00	31.25 1.85 0.00	32.22 1.65 0.00	35.85 1.77 0.00	46.37 2.38 0.00	49.88 2.96 0.00	47.26 3.22 0.00	41.34 2.96 0.00	39.99 2.93 0.00	39.29 2.98 0.00	38.44 2.98 0.00	38.80 3.11 0.00	39.86 3.09 -2.00	40.70 3.24 -0.20	45.70 3.62 0.00	50.66 3.71 0.00	56.61 3.85 0.00	59.79 4.38 0.00	58.91 3.75 0.00	50.23 3.15 0.00	42.87 2.50 0.00	36.15 2.01 0.00
ASTORIA_GT3_2 24099	40.66 2.05 0.00	32.20 1.91 0.00	32.13 1.85 0.00	31.25 1.85 0.00	32.22 1.65 0.00	35.85 1.77 0.00	46.37 2.38 0.00	49.88 2.96 0.00	47.26 3.22 0.00	41.34 2.96 0.00	39.99 2.93 0.00	39.29 2.98 0.00	38.44 2.98 0.00	38.80 3.11 0.00	39.86 3.09 -2.00	40.70 3.24 -0.20	45.70 3.62 0.00	50.66 3.71 0.00	56.61 3.85 0.00	59.79 4.38 0.00	58.91 3.75 0.00	50.23 3.15 0.00	42.87 2.50 0.00	36.15 2.01 0.00
ASTORIA_GT3_3 24100	40.66 2.05 0.00	32.20 1.91 0.00	32.13 1.85 0.00	31.25 1.85 0.00	32.22 1.65 0.00	35.85 1.77 0.00	46.37 2.38 0.00	49.88 2.96 0.00	47.26 3.22 0.00	41.34 2.96 0.00	39.99 2.93 0.00	39.29 2.98 0.00	38.44 2.98 0.00	38.80 3.11 0.00	39.86 3.09 -2.00	40.70 3.24 -0.20	45.70 3.62 0.00	50.66 3.71 0.00	56.61 3.85 0.00	59.79 4.38 0.00	58.91 3.75 0.00	50.23 3.15 0.00	42.87 2.50 0.00	36.15 2.01 0.00
ASTORIA_GT3_4 24101	40.66 2.05 0.00	32.20 1.91 0.00	32.13 1.85 0.00	31.25 1.85 0.00	32.22 1.65 0.00	35.85 1.77 0.00	46.37 2.38 0.00	49.88 2.96 0.00	47.26 3.22 0.00	41.34 2.96 0.00	39.99 2.93 0.00	39.29 2.98 0.00	38.44 2.98 0.00	38.80 3.11 0.00	39.86 3.09 -2.00	40.70 3.24 -0.20	45.70 3.62 0.00	50.66 3.71 0.00	56.61 3.85 0.00	59.79 4.38 0.00	58.91 3.75 0.00	50.23 3.15 0.00	42.87 2.50 0.00	36.15 2.01 0.00
ASTORIA_GT4_1 24102	40.66 2.05 0.00	32.20 1.91 0.00	32.13 1.85 0.00	31.25 1.85 0.00	32.22 1.65 0.00	35.85 1.77 0.00	46.37 2.38 0.00	49.88 2.96 0.00	47.26 3.22 0.00	41.34 2.96 0.00	39.99 2.93 0.00	39.29 2.98 0.00	38.44 2.98 0.00	38.80 3.11 0.00	39.86 3.09 -2.00	40.70 3.24 -0.20	45.70 3.62 0.00	50.66 3.71 0.00	56.61 3.85 0.00	59.79 4.38 0.00	58.91 3.75 0.00	50.23 3.15 0.00	42.87 2.50 0.00	36.15 2.01 0.00
ASTORIA_GT4_2 24103	40.66 2.05 0.00	32.20 1.91 0.00	32.13 1.85 0.00	31.25 1.85 0.00	32.22 1.65 0.00	35.85 1.77 0.00	46.37 2.38 0.00	49.88 2.96 0.00	47.26 3.22 0.00	41.34 2.96 0.00	39.99 2.93 0.00	39.29 2.98 0.00	38.44 2.98 0.00	38.80 3.11 0.00	39.86 3.09 -2.00	40.70 3.24 -0.20	45.70 3.62 0.00	50.66 3.71 0.00	56.61 3.85 0.00	59.79 4.38 0.00	58.91 3.75 0.00	50.23 3.15 0.00	42.87 2.50 0.00	36.15 2.01 0.00
ASTORIA_GT4_3 24104	40.66 2.05 0.00	32.20 1.91 0.00	32.13 1.85 0.00	31.25 1.85 0.00	32.22 1.65 0.00	35.85 1.77 0.00	46.37 2.38 0.00	49.88 2.96 0.00	47.26 3.22 0.00	41.34 2.96 0.00	39.99 2.93 0.00	39.29 2.98 0.00	38.44 2.98 0.00	38.80 3.11 0.00	39.86 3.09 -2.00	40.70 3.24 -0.20	45.70 3.62 0.00	50.66 3.71 0.00	56.61 3.85 0.00	59.79 4.38 0.00	58.91 3.75 0.00	50.23 3.15 0.00	42.87 2.50 0.00	36.15 2.01 0.00

ASTORIA_GT4_4 24105	40.66 2.05 0.00	32.20 1.91 0.00	32.13 1.85 0.00	31.25 1.85 0.00	32.22 1.65 0.00	35.85 1.77 0.00	46.37 2.38 0.00	49.88 2.96 0.00	47.26 3.22 0.00	41.34 2.96 0.00	39.99 2.93 0.00	39.29 2.98 0.00	38.44 2.98 0.00	38.80 3.11 0.00	39.86 3.09 -2.00	40.70 3.24 -0.20	45.70 3.62 0.00	50.66 3.71 0.00	56.61 3.85 0.00	59.79 4.38 0.00	58.91 3.75 0.00	50.23 3.15 0.00	42.87 2.50 0.00	36.15 2.01 0.00
ASTORIA_GT_1 23523	40.70 2.09 0.00	32.26 1.97 0.00	32.16 1.88 0.00	31.28 1.88 0.00	32.25 1.68 0.00	35.89 1.81 0.00	46.46 2.46 0.00	49.97 3.05 0.00	47.35 3.30 0.00	41.42 3.03 0.00	40.03 2.97 0.00	39.36 3.05 0.00	38.51 3.05 0.00	38.87 3.18 0.00	39.93 3.16 -2.00	40.78 3.32 -0.20	45.78 3.70 0.00	50.76 3.80 0.00	56.72 3.96 0.00	59.90 4.49 0.00	59.02 3.86 0.00	50.28 3.20 0.00	42.95 2.58 0.00	36.22 2.08 0.00
ASTORIA_GT_10 24110	40.74 2.12 0.00	32.23 1.94 0.00	32.13 1.85 0.00	31.19 1.79 0.00	32.28 1.71 0.00	35.99 1.91 0.00	46.54 2.55 0.00	50.06 3.14 0.00	47.43 3.39 0.00	41.46 3.07 0.00	40.10 3.04 0.00	39.40 3.09 0.00	38.54 3.08 0.00	38.94 3.25 0.00	39.96 3.20 -2.00	40.81 3.35 -0.20	45.82 3.75 0.00	50.80 3.85 0.00	56.82 4.06 0.00	60.01 4.60 0.00	59.13 3.97 0.00	50.37 3.30 0.00	43.03 2.66 0.00	36.29 2.15 0.00
ASTORIA_GT_11 24225	40.74 2.12 0.00	32.23 1.94 0.00	32.13 1.85 0.00	31.19 1.79 0.00	32.28 1.71 0.00	35.99 1.91 0.00	46.54 2.55 0.00	50.06 3.14 0.00	47.43 3.39 0.00	41.46 3.07 0.00	40.10 3.04 0.00	39.40 3.09 0.00	38.54 3.08 0.00	38.94 3.25 0.00	39.96 3.20 -2.00	40.81 3.35 -0.20	45.82 3.75 0.00	50.80 3.85 0.00	56.82 4.06 0.00	60.01 4.60 0.00	59.13 3.97 0.00	50.37 3.30 0.00	43.03 2.66 0.00	36.29 2.15 0.00
ASTORIA_GT_12 24226	40.74 2.12 0.00	32.23 1.94 0.00	32.13 1.85 0.00	31.19 1.79 0.00	32.28 1.71 0.00	35.99 1.91 0.00	46.54 2.55 0.00	50.06 3.14 0.00	47.43 3.39 0.00	41.46 3.07 0.00	40.10 3.04 0.00	39.40 3.09 0.00	38.54 3.08 0.00	38.94 3.25 0.00	39.96 3.20 -2.00	40.81 3.35 -0.20	45.82 3.75 0.00	50.80 3.85 0.00	56.82 4.06 0.00	60.01 4.60 0.00	59.13 3.97 0.00	50.37 3.30 0.00	43.03 2.66 0.00	36.29 2.15 0.00
ASTORIA_GT_13 24227	40.74 2.12 0.00	32.23 1.94 0.00	32.13 1.85 0.00	31.19 1.79 0.00	32.28 1.71 0.00	35.99 1.91 0.00	46.54 2.55 0.00	50.06 3.14 0.00	47.43 3.39 0.00	41.46 3.07 0.00	40.10 3.04 0.00	39.40 3.09 0.00	38.54 3.08 0.00	38.94 3.25 0.00	39.96 3.20 -2.00	40.81 3.35 -0.20	45.82 3.75 0.00	50.80 3.85 0.00	56.82 4.06 0.00	60.01 4.60 0.00	59.13 3.97 0.00	50.37 3.30 0.00	43.03 2.66 0.00	36.29 2.15 0.00
ASTORIA_GT_5 24106	40.70 2.09 0.00	32.26 1.97 0.00	32.16 1.88 0.00	31.28 1.88 0.00	32.25 1.68 0.00	35.89 1.81 0.00	46.46 2.46 0.00	49.97 3.05 0.00	47.35 3.30 0.00	41.42 3.03 0.00	40.03 2.97 0.00	39.36 3.05 0.00	38.51 3.05 0.00	38.87 3.18 0.00	39.93 3.16 -2.00	40.78 3.32 -0.20	45.78 3.70 0.00	50.76 3.80 0.00	56.72 3.96 0.00	59.90 4.49 0.00	59.02 3.86 0.00	50.28 3.20 0.00	42.95 2.58 0.00	36.22 2.08 0.00
ASTORIA_GT_7 24107	40.70 2.09 0.00	32.26 1.97 0.00	32.16 1.88 0.00	31.28 1.88 0.00	32.25 1.68 0.00	35.89 1.81 0.00	46.46 2.46 0.00	49.97 3.05 0.00	47.35 3.30 0.00	41.42 3.03 0.00	40.03 2.97 0.00	39.36 3.05 0.00	38.51 3.05 0.00	38.87 3.18 0.00	39.93 3.16 -2.00	40.78 3.32 -0.20	45.78 3.70 0.00	50.76 3.80 0.00	56.72 3.96 0.00	59.90 4.49 0.00	59.02 3.86 0.00	50.28 3.20 0.00	42.95 2.58 0.00	36.22 2.08 0.00
ASTORIA_GT_8 24108	40.70 2.09 0.00	32.26 1.97 0.00	32.16 1.88 0.00	31.28 1.88 0.00	32.25 1.68 0.00	35.89 1.81 0.00	46.46 2.46 0.00	49.97 3.05 0.00	47.35 3.30 0.00	41.42 3.03 0.00	40.03 2.97 0.00	39.36 3.05 0.00	38.51 3.05 0.00	38.87 3.18 0.00	39.93 3.16 -2.00	40.78 3.32 -0.20	45.78 3.70 0.00	50.76 3.80 0.00	56.72 3.96 0.00	59.90 4.49 0.00	59.02 3.86 0.00	50.28 3.20 0.00	42.95 2.58 0.00	36.22 2.08 0.00
ASTORIA___2 24149	40.66 2.05 0.00	32.23 1.94 0.00	32.13 1.85 0.00	31.25 1.85 0.00	32.21 1.65 0.00	35.84 1.77 0.01	46.36 2.37 0.01	49.92 3.01 0.01	47.29 3.26 0.01	41.34 2.96 0.01	40.02 2.97 0.01	39.28 2.98 0.01	38.43 2.98 0.01	38.79 3.10 0.01	39.89 3.13 -1.99	40.69 3.24 -0.19	45.69 3.62 0.01	50.65 3.71 0.01	56.60 3.85 0.01	59.34 3.93 0.01	58.91 3.75 0.01	50.22 3.15 0.01	42.90 2.54 0.01	36.14 2.01 0.01
ASTORIA___3 23516	40.78 2.16 0.00	32.23 1.94 0.00	32.13 1.85 0.00	31.19 1.79 0.00	32.28 1.71 0.00	35.99 1.91 0.00	46.54 2.55 0.00	50.11 3.19 0.00	47.48 3.44 0.00	41.50 3.11 0.00	40.14 3.07 0.00	39.40 3.08 0.00	38.54 3.08 0.00	38.91 3.21 0.00	40.00 3.23 -2.00	40.81 3.35 -0.20	45.82 3.74 0.00	50.80 3.85 0.00	56.82 4.06 0.00	59.52 4.10 0.00	59.14 3.97 0.00	50.37 3.29 0.00	43.03 2.66 0.00	36.32 2.19 0.00
ASTORIA___4 23517	40.74 2.12 0.00	32.23 1.94 0.00	32.13 1.85 0.00	31.19 1.79 0.00	32.28 1.71 0.00	35.99 1.91 0.00	46.54 2.55 0.00	50.06 3.14 0.00	47.43 3.39 0.00	41.46 3.07 0.00	40.10 3.04 0.00	39.40 3.09 0.00	38.54 3.08 0.00	38.94 3.25 0.00	39.96 3.20 -2.00	40.81 3.35 -0.20	45.82 3.75 0.00	50.80 3.85 0.00	56.82 4.06 0.00	60.01 4.60 0.00	59.13 3.97 0.00	50.37 3.30 0.00	43.03 2.66 0.00	36.29 2.15 0.00
ASTORIA___5 23518	40.78 2.16 0.00	32.23 1.94 0.00	32.13 1.85 0.00	31.19 1.79 0.00	32.28 1.71 0.00	35.99 1.91 0.00	46.54 2.55 0.00	50.11 3.19 0.00	47.48 3.44 0.00	41.50 3.11 0.00	40.14 3.07 0.00	39.40 3.08 0.00	38.54 3.08 0.00	38.91 3.21 0.00	40.00 3.23 -2.00	40.81 3.35 -0.20	45.82 3.74 0.00	50.80 3.85 0.00	56.82 4.06 0.00	59.52 4.10 0.00	59.14 3.97 0.00	50.37 3.29 0.00	43.03 2.66 0.00	36.32 2.19 0.00
AST_ENERGY_2_CC3 323677	38.25 2.01 2.37	32.14 1.85 0.00	32.07 1.79 0.00	31.07 1.67 0.00	32.25 1.68 0.00	35.99 1.91 0.00	40.72 2.59 5.87	44.32 3.14 5.75	41.22 3.35 6.17	39.23 2.96 2.11	38.16 2.93 1.83	37.63 2.94 1.62	37.63 2.94 0.77	37.63 3.07 1.14	37.63 3.06 0.20	37.63 3.20 2.84	39.51 3.57 6.14	37.63 3.71 13.03	41.68 3.90 14.99	44.42 3.99 14.99	44.03 3.86 14.99	42.66 3.29 7.71	37.88 2.62 5.11	36.25 2.12 0.00
AST_ENERGY_2_CC4 323678	38.25 2.01 2.37	32.14 1.85 0.00	32.07 1.79 0.00	31.07 1.67 0.00	32.25 1.68 0.00	35.99 1.91 0.00	40.72 2.59 5.87	44.32 3.14 5.75	41.22 3.35 6.17	39.23 2.96 2.11	38.16 2.93 1.83	37.63 2.94 1.62	37.63 2.94 0.77	37.63 3.07 1.14	37.63 3.06 0.20	37.63 3.20 2.84	39.51 3.57 6.14	37.63 3.71 13.03	41.68 3.90 14.99	44.42 3.99 14.99	44.03 3.86 14.99	42.66 3.29 7.71	37.88 2.62 5.11	36.25 2.12 0.00

ATHENS_STG_1 23668	39.46 0.85 0.00	31.14 0.85 0.00	31.16 0.88 0.00	30.22 0.82 0.00	31.39 0.83 0.00	34.93 0.85 0.00	45.13 1.14 0.00	48.28 1.36 0.00	45.23 1.19 0.00	39.35 0.96 0.00	38.06 1.00 0.00	37.33 1.02 0.00	36.45 0.99 0.00	36.80 1.11 0.00	34.90 1.11 0.98	38.28 1.12 0.10	43.38 1.31 0.00	48.36 1.41 0.00	54.24 1.48 0.00	56.80 1.39 0.00	56.59 1.43 0.00	48.35 1.27 0.00	41.42 1.05 0.00	34.99 0.85 0.00
ATHENS_STG_2 23670	39.46 0.85 0.00	31.14 0.85 0.00	31.16 0.88 0.00	30.22 0.82 0.00	31.39 0.83 0.00	34.93 0.85 0.00	45.13 1.14 0.00	48.28 1.36 0.00	45.23 1.19 0.00	39.35 0.96 0.00	38.06 1.00 0.00	37.33 1.02 0.00	36.45 0.99 0.00	36.80 1.11 0.00	34.90 1.11 0.98	38.28 1.12 0.10	43.38 1.31 0.00	48.36 1.41 0.00	54.24 1.48 0.00	56.80 1.39 0.00	56.59 1.43 0.00	48.35 1.27 0.00	41.42 1.05 0.00	34.99 0.85 0.00
ATHENS_STG_3 23677	39.46 0.85 0.00	31.14 0.85 0.00	31.16 0.88 0.00	30.22 0.82 0.00	31.39 0.83 0.00	34.93 0.85 0.00	45.13 1.14 0.00	48.28 1.36 0.00	45.23 1.19 0.00	39.35 0.96 0.00	38.06 1.00 0.00	37.33 1.02 0.00	36.45 0.99 0.00	36.80 1.11 0.00	34.90 1.11 0.98	38.28 1.12 0.10	43.38 1.31 0.00	48.36 1.41 0.00	54.24 1.48 0.00	56.80 1.39 0.00	56.59 1.43 0.00	48.35 1.27 0.00	41.42 1.05 0.00	34.99 0.85 0.00
AUBURN____LFGE 323710	38.58 -0.04 0.00	29.99 -0.30 0.00	29.92 -0.36 0.00	29.04 -0.35 0.00	30.29 -0.28 0.00	33.84 -0.24 0.00	43.64 -0.35 0.00	46.54 -0.38 0.00	43.60 -0.44 0.00	38.04 -0.35 0.00	36.73 -0.33 0.00	35.91 -0.40 0.00	35.03 -0.43 0.00	35.20 -0.50 0.00	34.21 -0.56 0.00	36.74 -0.52 0.00	41.41 -0.67 0.00	46.20 -0.75 0.00	52.13 -0.63 0.00	55.03 -0.39 0.00	54.56 -0.61 0.00	46.56 -0.52 0.00	39.88 -0.48 0.00	33.86 -0.27 0.00
BABYLON_RES_REC 323704	41.87 3.24 -0.01	33.06 2.76 -0.01	32.92 2.63 -0.01	31.89 2.50 0.00	33.14 2.57 -0.01	37.02 2.93 -0.01	47.47 3.47 0.00	50.63 3.71 0.00	48.36 4.32 0.00	42.27 3.88 -0.01	40.48 3.41 -0.01	39.63 3.30 -0.01	38.73 3.26 -0.01	39.06 3.35 -0.01	43.03 3.30 -4.95	47.24 3.35 -6.63	49.77 3.45 -4.24	52.69 3.62 -2.13	56.84 4.06 -0.01	69.76 3.93 -10.41	70.61 3.86 -11.59	56.71 3.58 -6.06	45.67 3.55 -1.75	42.61 3.14 -5.34
BALL_HILL_WT_PWR 323825	39.39 0.77 0.00	29.35 -0.94 0.00	28.95 -1.33 0.00	28.31 -1.09 0.00	29.56 -1.01 0.00	32.96 -1.12 0.00	41.97 -2.02 0.00	44.48 -2.44 0.00	41.49 -2.56 0.00	36.85 -1.54 0.00	35.51 -1.56 0.00	34.61 -1.71 0.00	33.86 -1.60 0.00	33.66 -2.03 0.00	32.65 -2.12 0.00	35.06 -2.20 0.00	38.92 -3.16 0.00	43.24 -3.71 0.00	49.02 -3.74 0.00	51.59 -3.82 0.00	51.47 -3.70 0.00	43.92 -3.15 0.00	38.23 -2.14 0.00	33.11 -1.02 0.00
BARON_WINDS____WT_PWR 323822	39.23 0.62 0.00	29.84 -0.45 0.00	29.59 -0.70 0.00	28.84 -0.56 0.00	30.11 -0.46 0.00	33.57 -0.51 0.00	43.15 -0.84 0.00	45.79 -1.13 0.00	42.72 -1.32 0.00	37.70 -0.69 0.00	36.32 -0.74 0.00	35.41 -0.91 0.00	34.54 -0.92 0.00	34.45 -1.25 0.00	33.41 -1.36 0.00	35.88 -1.38 0.00	40.14 -1.93 0.00	44.70 -2.25 0.00	50.65 -2.11 0.00	53.47 -1.94 0.00	53.29 -1.88 0.00	45.47 -1.60 0.00	39.24 -1.13 0.00	33.66 -0.48 0.00
BARRETT_IC_1 23704	41.37 2.74 -0.01	32.67 2.36 -0.01	32.59 2.30 -0.01	31.57 2.18 0.00	32.80 2.23 -0.01	36.61 2.52 -0.01	47.07 3.08 0.00	50.25 3.33 0.00	47.92 3.88 0.00	41.85 3.46 -0.01	40.11 3.04 -0.01	39.30 2.98 -0.01	38.45 2.98 -0.01	38.70 3.00 -0.01	42.31 2.88 -4.66	46.15 2.91 -5.98	49.05 3.16 -3.81	52.15 3.29 -1.91	56.46 3.69 -0.01	68.38 3.60 -9.37	69.17 3.58 -10.43	55.58 3.06 -5.45	44.77 2.82 -1.58	41.43 2.49 -4.80
BARRETT_IC_10 23701	41.37 2.74 -0.01	32.67 2.36 -0.01	32.59 2.30 -0.01	31.57 2.18 0.00	32.80 2.23 -0.01	36.61 2.52 -0.01	47.07 3.08 0.00	50.25 3.33 0.00	47.92 3.88 0.00	41.85 3.46 -0.01	40.11 3.04 -0.01	39.30 2.98 -0.01	38.45 2.98 -0.01	38.70 3.00 -0.01	42.31 2.88 -4.66	46.15 2.91 -5.98	49.05 3.16 -3.81	52.15 3.29 -1.91	56.46 3.69 -0.01	68.38 3.60 -9.37	69.17 3.58 -10.43	55.58 3.06 -5.45	44.77 2.82 -1.58	41.43 2.49 -4.80
BARRETT_IC_11 23702	41.37 2.74 -0.01	32.67 2.36 -0.01	32.59 2.30 -0.01	31.57 2.18 0.00	32.80 2.23 -0.01	36.61 2.52 -0.01	47.07 3.08 0.00	50.25 3.33 0.00	47.92 3.88 0.00	41.85 3.46 -0.01	40.11 3.04 -0.01	39.30 2.98 -0.01	38.45 2.98 -0.01	38.70 3.00 -0.01	42.31 2.88 -4.66	46.15 2.91 -5.98	49.05 3.16 -3.81	52.15 3.29 -1.91	56.46 3.69 -0.01	68.38 3.60 -9.37	69.17 3.58 -10.43	55.58 3.06 -5.45	44.77 2.82 -1.58	41.43 2.49 -4.80
BARRETT_IC_12 23703	41.37 2.74 -0.01	32.67 2.36 -0.01	32.59 2.30 -0.01	31.57 2.18 0.00	32.80 2.23 -0.01	36.61 2.52 -0.01	47.07 3.08 0.00	50.25 3.33 0.00	47.92 3.88 0.00	41.85 3.46 -0.01	40.11 3.04 -0.01	39.30 2.98 -0.01	38.45 2.98 -0.01	38.70 3.00 -0.01	42.31 2.88 -4.66	46.15 2.91 -5.98	49.05 3.16 -3.81	52.15 3.29 -1.91	56.46 3.69 -0.01	68.38 3.60 -9.37	69.17 3.58 -10.43	55.58 3.06 -5.45	44.77 2.82 -1.58	41.43 2.49 -4.80
BARRETT_IC_2 23705	41.37 2.74 -0.01	32.67 2.36 -0.01	32.59 2.30 -0.01	31.57 2.18 0.00	32.80 2.23 -0.01	36.61 2.52 -0.01	47.07 3.08 0.00	50.25 3.33 0.00	47.92 3.88 0.00	41.85 3.46 -0.01	40.11 3.04 -0.01	39.30 2.98 -0.01	38.45 2.98 -0.01	38.70 3.00 -0.01	42.31 2.88 -4.66	46.15 2.91 -5.98	49.05 3.16 -3.81	52.15 3.29 -1.91	56.46 3.69 -0.01	68.38 3.60 -9.37	69.17 3.58 -10.43	55.58 3.06 -5.45	44.77 2.82 -1.58	41.43 2.49 -4.80
BARRETT_IC_3 23706	41.37 2.74 -0.01	32.67 2.36 -0.01	32.59 2.30 -0.01	31.57 2.18 0.00	32.80 2.23 -0.01	36.61 2.52 -0.01	47.07 3.08 0.00	50.25 3.33 0.00	47.92 3.88 0.00	41.85 3.46 -0.01	40.11 3.04 -0.01	39.30 2.98 -0.01	38.45 2.98 -0.01	38.70 3.00 -0.01	42.31 2.88 -4.66	46.15 2.91 -5.98	49.05 3.16 -3.81	52.15 3.29 -1.91	56.46 3.69 -0.01	68.38 3.60 -9.37	69.17 3.58 -10.43	55.58 3.06 -5.45	44.77 2.82 -1.58	41.43 2.49 -4.80
BARRETT_IC_4 23707	41.37 2.74 -0.01	32.67 2.36 -0.01	32.59 2.30 -0.01	31.57 2.18 0.00	32.80 2.23 -0.01	36.61 2.52 -0.01	47.07 3.08 0.00	50.25 3.33 0.00	47.92 3.88 0.00	41.85 3.46 -0.01	40.11 3.04 -0.01	39.30 2.98 -0.01	38.45 2.98 -0.01	38.70 3.00 -0.01	42.31 2.88 -4.66	46.15 2.91 -5.98	49.05 3.16 -3.81	52.15 3.29 -1.91	56.46 3.69 -0.01	68.38 3.60 -9.37	69.17 3.58 -10.43	55.58 3.06 -5.45	44.77 2.82 -1.58	41.43 2.49 -4.80
BARRETT_IC_5 23708	41.37 2.74 -0.01	32.67 2.36 -0.01	32.59 2.30 -0.01	31.57 2.18 0.00	32.80 2.23 -0.01	36.61 2.52 -0.01	47.07 3.08 0.00	50.25 3.33 0.00	47.92 3.88 0.00	41.85 3.46 -0.01	40.11 3.04 -0.01	39.30 2.98 -0.01	38.45 2.98 -0.01	38.70 3.00 -0.01	42.31 2.88 -4.66	46.15 2.91 -5.98	49.05 3.16 -3.81	52.15 3.29 -1.91	56.46 3.69 -0.01	68.38 3.60 -9.37	69.17 3.58 -10.43	55.58 3.06 -5.45	44.77 2.82 -1.58	41.43 2.49 -4.80

BARRETT_IC_6 23709	41.37 2.74 -0.01	32.67 2.36 -0.01	32.59 2.30 -0.01	31.57 2.18 0.00	32.80 2.23 -0.01	36.61 2.52 -0.01	47.07 3.08 0.00	50.25 3.33 0.00	47.92 3.88 0.00	41.85 3.46 -0.01	40.11 3.04 -0.01	39.30 2.98 -0.01	38.45 2.98 -0.01	38.70 3.00 -0.01	42.31 2.88 -4.66	46.15 2.91 -5.98	49.05 3.16 -3.81	52.15 3.29 -1.91	56.46 3.69 -0.01	68.38 3.60 -9.37	69.17 3.58 -10.43	55.58 3.06 -5.45	44.77 2.82 -1.58	41.43 2.49 -4.80
BARRETT_IC_7 23710	41.37 2.74 -0.01	32.67 2.36 -0.01	32.58 2.30 0.00	31.57 2.18 0.00	32.80 2.23 0.00	36.60 2.52 0.00	47.12 3.12 0.00	50.20 3.28 0.00	47.74 3.70 0.00	41.85 3.45 -0.01	40.11 3.04 -0.01	39.30 2.98 -0.01	38.45 2.98 -0.01	38.70 3.00 -0.01	42.31 2.89 -4.66	46.15 2.91 -5.98	49.05 3.16 -3.81	52.15 3.29 -1.91	56.46 3.69 -0.01	68.88 4.10 -9.37	69.12 3.53 -10.43	55.63 3.11 -5.45	44.77 2.83 -1.58	41.39 2.46 -4.80
BARRETT_IC_8 23711	41.37 2.74 -0.01	32.67 2.36 -0.01	32.59 2.30 -0.01	31.57 2.18 0.00	32.80 2.23 -0.01	36.61 2.52 -0.01	47.07 3.08 0.00	50.25 3.33 0.00	47.92 3.88 0.00	41.85 3.46 -0.01	40.11 3.04 -0.01	39.30 2.98 -0.01	38.45 2.98 -0.01	38.70 3.00 -0.01	42.31 2.88 -4.66	46.15 2.91 -5.98	49.05 3.16 -3.81	52.15 3.29 -1.91	56.46 3.69 -0.01	68.38 3.60 -9.37	69.17 3.58 -10.43	55.58 3.06 -5.45	44.77 2.82 -1.58	41.43 2.49 -4.80
BARRETT_IC_9 23700	41.37 2.74 -0.01	32.67 2.36 -0.01	32.59 2.30 -0.01	31.57 2.18 0.00	32.80 2.23 -0.01	36.61 2.52 -0.01	47.07 3.08 0.00	50.25 3.33 0.00	47.92 3.88 0.00	41.85 3.46 -0.01	40.11 3.04 -0.01	39.30 2.98 -0.01	38.45 2.98 -0.01	38.70 3.00 -0.01	42.31 2.88 -4.66	46.15 2.91 -5.98	49.05 3.16 -3.81	52.15 3.29 -1.91	56.46 3.69 -0.01	68.38 3.60 -9.37	69.17 3.58 -10.43	55.58 3.06 -5.45	44.77 2.82 -1.58	41.43 2.49 -4.80
BARRETT___1 23545	41.37 2.74 -0.01	32.67 2.36 -0.01	32.59 2.30 -0.01	31.57 2.18 0.00	32.80 2.23 -0.01	36.61 2.52 -0.01	47.07 3.08 0.00	50.25 3.33 0.00	47.92 3.88 0.00	41.85 3.46 -0.01	40.11 3.04 -0.01	39.30 2.98 -0.01	38.45 2.98 -0.01	38.70 3.00 -0.01	42.31 2.88 -4.66	46.15 2.91 -5.98	49.05 3.16 -3.81	52.15 3.29 -1.91	56.46 3.69 -0.01	68.38 3.60 -9.37	69.17 3.58 -10.43	55.58 3.06 -5.45	44.77 2.82 -1.58	41.43 2.49 -4.80
BARRETT___2 23546	41.37 2.74 -0.01	32.67 2.36 -0.01	32.59 2.30 -0.01	31.57 2.18 0.00	32.80 2.23 -0.01	36.61 2.52 -0.01	47.07 3.08 0.00	50.25 3.33 0.00	47.92 3.88 0.00	41.85 3.46 -0.01	40.11 3.04 -0.01	39.30 2.98 -0.01	38.45 2.98 -0.01	38.70 3.00 -0.01	42.31 2.88 -4.66	46.15 2.91 -5.98	49.05 3.16 -3.81	52.15 3.29 -1.91	56.46 3.69 -0.01	68.38 3.60 -9.37	69.17 3.58 -10.43	55.58 3.06 -5.45	44.77 2.82 -1.58	41.43 2.49 -4.80
BATAVIA___115KV_TB1 55881	39.58 0.97 0.00	29.48 -0.82 0.00	29.13 -1.15 0.00	28.43 -0.97 0.00	29.71 -0.86 0.00	33.26 -0.82 0.00	42.14 -1.85 0.00	44.81 -2.11 0.00	42.02 -2.03 0.00	37.01 -1.38 0.00	35.66 -1.41 0.00	34.68 -1.63 0.00	33.86 -1.60 0.00	33.77 -1.93 0.00	32.72 -2.05 0.00	35.17 -2.09 0.00	39.18 -2.90 0.00	43.53 -3.43 0.00	49.54 -3.22 0.00	52.98 -2.44 0.00	52.40 -2.76 0.00	44.34 -2.73 0.00	38.59 -1.78 0.00	33.42 -0.72 0.00
BAYONEEC___CTG1 323682	50.85 2.43 -9.80	48.01 1.82 -15.90	48.25 1.76 -16.21	48.22 1.67 -17.15	47.69 1.65 -15.47	48.40 1.91 -12.42	51.77 2.59 -5.19	55.14 3.14 -5.07	52.87 3.39 -5.43	52.80 3.00 -11.42	52.54 2.97 -12.51	52.22 2.98 -12.93	52.26 2.98 -13.82	52.25 3.10 -13.45	52.18 3.09 -14.32	52.40 3.24 -11.90	54.49 3.62 -8.79	50.71 3.76 0.00	56.67 3.90 0.00	59.41 3.99 0.00	59.02 3.86 0.00	57.12 3.29 -6.75	51.60 2.66 -8.56	50.19 2.15 -13.91
BAYONEEC___CTG10 323750	50.85 2.43 -9.80	48.01 1.82 -15.90	48.25 1.76 -16.21	48.22 1.67 -17.15	47.69 1.65 -15.47	48.40 1.91 -12.42	51.77 2.59 -5.19	55.14 3.14 -5.07	52.87 3.39 -5.43	52.80 3.00 -11.42	52.54 2.97 -12.51	52.22 2.98 -12.93	52.26 2.98 -13.82	52.25 3.10 -13.45	52.18 3.09 -14.32	52.40 3.24 -11.90	54.49 3.62 -8.79	50.71 3.76 0.00	56.67 3.90 0.00	59.41 3.99 0.00	59.02 3.86 0.00	57.12 3.29 -6.75	51.60 2.66 -8.56	50.19 2.15 -13.91
BAYONEEC___CTG2 323683	50.85 2.43 -9.80	48.01 1.82 -15.90	48.25 1.76 -16.21	48.22 1.67 -17.15	47.69 1.65 -15.47	48.40 1.91 -12.42	51.77 2.59 -5.19	55.14 3.14 -5.07	52.87 3.39 -5.43	52.80 3.00 -11.42	52.54 2.97 -12.51	52.22 2.98 -12.93	52.26 2.98 -13.82	52.25 3.10 -13.45	52.18 3.09 -14.32	52.40 3.24 -11.90	54.49 3.62 -8.79	50.71 3.76 0.00	56.67 3.90 0.00	59.41 3.99 0.00	59.02 3.86 0.00	57.12 3.29 -6.75	51.60 2.66 -8.56	50.19 2.15 -13.91
BAYONEEC___CTG3 323684	50.85 2.43 -9.80	48.01 1.82 -15.90	48.25 1.76 -16.21	48.22 1.67 -17.15	47.69 1.65 -15.47	48.40 1.91 -12.42	51.77 2.59 -5.19	55.14 3.14 -5.07	52.87 3.39 -5.43	52.80 3.00 -11.42	52.54 2.97 -12.51	52.22 2.98 -12.93	52.26 2.98 -13.82	52.25 3.10 -13.45	52.18 3.09 -14.32	52.40 3.24 -11.90	54.49 3.62 -8.79	50.71 3.76 0.00	56.67 3.90 0.00	59.41 3.99 0.00	59.02 3.86 0.00	57.12 3.29 -6.75	51.60 2.66 -8.56	50.19 2.15 -13.91
BAYONEEC___CTG4 323685	50.85 2.43 -9.80	48.01 1.82 -15.90	48.25 1.76 -16.21	48.22 1.67 -17.15	47.69 1.65 -15.47	48.40 1.91 -12.42	51.77 2.59 -5.19	55.14 3.14 -5.07	52.87 3.39 -5.43	52.80 3.00 -11.42	52.54 2.97 -12.51	52.22 2.98 -12.93	52.26 2.98 -13.82	52.25 3.10 -13.45	52.18 3.09 -14.32	52.40 3.24 -11.90	54.49 3.62 -8.79	50.71 3.76 0.00	56.67 3.90 0.00	59.41 3.99 0.00	59.02 3.86 0.00	57.12 3.29 -6.75	51.60 2.66 -8.56	50.19 2.15 -13.91
BAYONEEC___CTG5 323686	50.85 2.43 -9.80	48.01 1.82 -15.90	48.25 1.76 -16.21	48.22 1.67 -17.15	47.69 1.65 -15.47	48.40 1.91 -12.42	51.77 2.59 -5.19	55.14 3.14 -5.07	52.87 3.39 -5.43	52.80 3.00 -11.42	52.54 2.97 -12.51	52.22 2.98 -12.93	52.26 2.98 -13.82	52.25 3.10 -13.45	52.18 3.09 -14.32	52.40 3.24 -11.90	54.49 3.62 -8.79	50.71 3.76 0.00	56.67 3.90 0.00	59.41 3.99 0.00	59.02 3.86 0.00	57.12 3.29 -6.75	51.60 2.66 -8.56	50.19 2.15 -13.91
BAYONEEC___CTG6 323687	50.85 2.43 -9.80	48.01 1.82 -15.90	48.25 1.76 -16.21	48.22 1.67 -17.15	47.69 1.65 -15.47	48.40 1.91 -12.42	51.77 2.59 -5.19	55.14 3.14 -5.07	52.87 3.39 -5.43	52.80 3.00 -11.42	52.54 2.97 -12.51	52.22 2.98 -12.93	52.26 2.98 -13.82	52.25 3.10 -13.45	52.18 3.09 -14.32	52.40 3.24 -11.90	54.49 3.62 -8.79	50.71 3.76 0.00	56.67 3.90 0.00	59.41 3.99 0.00	59.02 3.86 0.00	57.12 3.29 -6.75	51.60 2.66 -8.56	50.19 2.15 -13.91
BAYONEEC___CTG7 323688	50.85 2.43 -9.80	48.01 1.82 -15.90	48.25 1.76 -16.21	48.22 1.67 -17.15	47.69 1.65 -15.47	48.40 1.91 -12.42	51.77 2.59 -5.19	55.14 3.14 -5.07	52.87 3.39 -5.43	52.80 3.00 -11.42	52.54 2.97 -12.51	52.22 2.98 -12.93	52.26 2.98 -13.82	52.25 3.10 -13.45	52.18 3.09 -14.32	52.40 3.24 -11.90	54.49 3.62 -8.79	50.71 3.76 0.00	56.67 3.90 0.00	59.41 3.99 0.00	59.02 3.86 0.00	57.12 3.29 -6.75	51.60 2.66 -8.56	50.19 2.15 -13.91

BAYONEEC___CTG8 323689	50.85 2.43 -9.80	48.01 1.82 -15.90	48.25 1.76 -16.21	48.22 1.67 -17.15	47.69 1.65 -15.47	48.40 1.91 -12.42	51.77 2.59 -5.19	55.14 3.14 -5.07	52.87 3.39 -5.43	52.80 3.00 -11.42	52.54 2.97 -12.51	52.22 2.98 -12.93	52.26 2.98 -13.82	52.25 3.10 -13.45	52.18 3.09 -14.32	52.40 3.24 -11.90	54.49 3.62 -8.79	50.71 3.76 0.00	56.67 3.90 0.00	59.41 3.99 0.00	59.02 3.86 0.00	57.12 3.29 -6.75	51.60 2.66 -8.56	50.19 2.15 -13.91
BAYONEEC___CTG9 323749	50.85 2.43 -9.80	48.01 1.82 -15.90	48.25 1.76 -16.21	48.22 1.67 -17.15	47.69 1.65 -15.47	48.40 1.91 -12.42	51.77 2.59 -5.19	55.14 3.14 -5.07	52.87 3.39 -5.43	52.80 3.00 -11.42	52.54 2.97 -12.51	52.22 2.98 -12.93	52.26 2.98 -13.82	52.25 3.10 -13.45	52.18 3.09 -14.32	52.40 3.24 -11.90	54.49 3.62 -8.79	50.71 3.76 0.00	56.67 3.90 0.00	59.41 3.99 0.00	59.02 3.86 0.00	57.12 3.29 -6.75	51.60 2.66 -8.56	50.19 2.15 -13.91
BEACON___LESR 323632	39.39 0.77 0.00	31.11 0.82 0.00	31.10 0.82 0.00	30.16 0.76 0.00	31.36 0.79 0.00	34.93 0.85 0.00	45.13 1.14 0.00	48.19 1.27 0.00	45.01 0.97 0.00	39.04 0.65 0.00	37.77 0.70 0.00	36.93 0.62 0.00	36.06 0.60 0.00	36.41 0.71 0.00	35.54 0.87 0.10	38.14 0.89 0.01	43.17 1.09 0.00	48.17 1.22 0.00	54.13 1.37 0.00	56.52 1.11 0.00	56.48 1.32 0.00	48.25 1.18 0.00	41.42 1.05 0.00	34.92 0.79 0.00
BEAVER RIVER___HYD 24048	37.84 -0.77 0.00	29.66 -0.64 0.00	29.71 -0.58 0.00	28.84 -0.56 0.00	30.08 -0.49 0.00	33.74 -0.34 0.00	43.60 -0.40 0.00	46.31 -0.61 0.00	43.25 -0.79 0.00	37.43 -0.96 0.00	36.14 -0.93 0.00	35.26 -1.05 0.00	34.32 -1.14 0.00	34.52 -1.18 0.00	33.66 -1.11 0.00	36.18 -1.08 0.00	41.07 -1.01 0.00	46.06 -0.89 0.00	52.07 -0.69 0.00	55.25 -0.17 0.00	55.11 -0.06 0.00	46.98 -0.09 0.00	40.25 -0.12 0.00	33.73 -0.41 0.00
BEEBEE_GT_13 23619	38.81 0.19 0.00	29.48 -0.82 0.00	29.22 -1.06 0.00	28.46 -0.94 0.00	29.71 -0.86 0.00	33.19 -0.89 0.00	42.36 -1.63 0.00	45.04 -1.88 0.00	42.28 -1.76 0.00	37.20 -1.19 0.00	35.91 -1.15 0.00	35.11 -1.20 0.00	34.25 -1.21 0.00	34.27 -1.43 0.00	33.24 -1.53 0.00	35.73 -1.53 0.00	39.93 -2.15 0.00	44.37 -2.58 0.00	50.23 -2.53 0.00	53.36 -2.05 0.00	52.79 -2.37 0.00	44.81 -2.26 0.00	38.79 -1.57 0.00	33.35 -0.79 0.00
BENSHRST_27_KV_BENSHRST_1 355998	50.88 2.47 -9.79	48.37 2.18 -15.89	48.56 2.09 -16.19	31.40 2.00 0.00	47.98 1.96 -15.46	48.66 2.18 -12.40	52.03 2.86 -5.18	55.46 3.47 -5.07	53.17 3.70 -5.43	53.19 3.38 -11.42	52.91 3.34 -12.51	52.66 3.41 -12.93	52.68 3.40 -13.82	52.68 3.53 -13.45	52.63 3.55 -14.32	52.85 3.69 -11.90	55.04 4.17 -8.79	51.27 4.32 0.00	57.35 4.59 0.00	60.58 5.15 -0.01	59.69 4.52 0.00	57.53 3.72 -6.74	51.95 3.03 -8.55	50.52 2.49 -13.89
BETHLEHEM___GRP 23843	38.85 0.23 0.00	30.69 0.39 0.00	30.71 0.42 0.00	29.78 0.38 0.00	30.96 0.40 0.00	34.45 0.37 0.00	44.48 0.48 0.00	47.48 0.56 0.00	44.31 0.26 0.00	38.50 0.12 0.00	37.21 0.15 0.00	36.38 0.07 0.00	35.53 0.07 0.00	35.87 0.18 0.00	35.02 0.38 0.14	37.62 0.37 0.01	42.54 0.46 0.00	47.47 0.52 0.00	53.29 0.53 0.00	55.91 0.50 0.00	55.55 0.39 0.00	47.50 0.42 0.00	40.81 0.44 0.00	34.44 0.31 0.00
BETHLEHEM___GS1 323560	38.85 0.23 0.00	30.69 0.39 0.00	30.71 0.42 0.00	29.78 0.38 0.00	30.96 0.40 0.00	34.46 0.38 0.00	44.48 0.48 0.00	47.49 0.57 0.00	44.35 0.31 0.00	38.46 0.08 0.00	37.25 0.19 0.00	36.38 0.07 0.00	35.53 0.07 0.00	35.88 0.18 0.00	35.04 0.38 0.11	37.62 0.37 0.01	42.54 0.46 0.00	47.47 0.52 0.00	53.29 0.53 0.00	55.64 0.22 0.00	55.60 0.44 0.00	47.50 0.42 0.00	40.81 0.44 0.00	34.44 0.31 0.00
BETHLEHEM___GS2 323561	38.85 0.23 0.00	30.69 0.39 0.00	30.71 0.42 0.00	29.78 0.38 0.00	30.96 0.40 0.00	34.46 0.38 0.00	44.48 0.48 0.00	47.49 0.57 0.00	44.35 0.31 0.00	38.46 0.08 0.00	37.25 0.19 0.00	36.38 0.07 0.00	35.53 0.07 0.00	35.88 0.18 0.00	35.04 0.38 0.11	37.62 0.37 0.01	42.54 0.46 0.00	47.47 0.52 0.00	53.29 0.53 0.00	55.64 0.22 0.00	55.60 0.44 0.00	47.50 0.42 0.00	40.81 0.44 0.00	34.44 0.31 0.00
BETHLEHEM___GS3 323562	38.85 0.23 0.00	30.69 0.39 0.00	30.71 0.42 0.00	29.78 0.38 0.00	30.96 0.40 0.00	34.46 0.38 0.00	44.48 0.48 0.00	47.49 0.57 0.00	44.35 0.31 0.00	38.46 0.08 0.00	37.25 0.19 0.00	36.38 0.07 0.00	35.53 0.07 0.00	35.88 0.18 0.00	35.04 0.38 0.11	37.62 0.37 0.01	42.54 0.46 0.00	47.47 0.52 0.00	53.29 0.53 0.00	55.64 0.22 0.00	55.60 0.44 0.00	47.50 0.42 0.00	40.81 0.44 0.00	34.44 0.31 0.00
BETHLEHEM___STEEL 23779	39.08 0.46 0.00	29.14 -1.15 0.00	28.74 -1.54 0.00	28.10 -1.29 0.00	29.31 -1.25 0.00	32.68 -1.40 0.00	41.57 -2.42 0.00	44.10 -2.82 0.00	41.36 -2.69 0.00	36.51 -1.88 0.00	35.28 -1.78 0.00	34.31 -2.00 0.00	33.58 -1.88 0.00	33.41 -2.28 0.00	32.41 -2.36 0.00	34.76 -2.50 0.00	38.63 -3.45 0.00	42.87 -4.08 0.00	48.59 -4.17 0.00	52.03 -3.38 0.00	51.30 -3.86 0.00	43.50 -3.58 0.00	37.91 -2.46 0.00	32.91 -1.23 0.00
BETHLHEM_115KV_TB1 79974	38.96 0.35 0.00	30.75 0.45 0.00	30.77 0.48 0.00	29.84 0.44 0.00	31.02 0.46 0.00	34.52 0.44 0.00	44.56 0.57 0.00	47.58 0.66 0.00	44.44 0.40 0.00	38.58 0.19 0.00	37.32 0.26 0.00	36.53 0.22 0.00	35.64 0.18 0.00	35.98 0.29 0.00	35.08 0.45 0.15	37.69 0.45 0.01	42.63 0.55 0.00	47.56 0.61 0.00	53.39 0.63 0.00	56.08 0.66 0.00	55.66 0.50 0.00	47.59 0.52 0.00	40.89 0.52 0.00	34.51 0.38 0.00
BETHPAGE_CC_5 323564	41.72 3.09 -0.01	32.94 2.63 -0.01	32.83 2.54 -0.01	31.81 2.41 0.00	33.02 2.45 -0.01	36.88 2.80 -0.01	47.33 3.34 0.00	50.48 3.56 0.00	48.18 4.14 0.00	42.12 3.72 -0.01	40.34 3.26 -0.01	39.55 3.23 -0.01	38.66 3.19 -0.01	38.95 3.25 -0.01	43.13 3.23 -5.13	47.55 3.28 -7.01	50.23 3.66 -4.49	53.10 3.89 -2.25	57.10 4.33 -0.01	70.83 4.38 -11.04	71.80 4.36 -12.28	57.21 3.72 -6.42	45.54 3.31 -1.86	42.66 2.87 -5.66
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	39.12 0.50 0.00	29.17 -1.12 0.00	28.77 -1.51 0.00	28.13 -1.26 0.00	29.34 -1.22 0.00	32.72 -1.36 0.00	41.62 -2.38 0.00	44.20 -2.72 0.00	41.40 -2.64 0.00	36.58 -1.80 0.00	35.36 -1.70 0.00	34.39 -1.92 0.00	33.65 -1.81 0.00	33.45 -2.25 0.00	32.44 -2.33 0.00	34.84 -2.42 0.00	38.71 -3.37 0.00	42.91 -4.04 0.00	48.65 -4.12 0.00	52.09 -3.32 0.00	51.36 -3.81 0.00	43.59 -3.48 0.00	37.95 -2.42 0.00	32.94 -1.19 0.00
BINGHAMTON___COGEN 23790	39.08 0.46 0.00	30.35 0.06 0.00	30.25 -0.03 0.00	29.40 0.00 0.00	30.63 0.06 0.00	34.15 0.07 0.00	44.08 0.09 0.00	46.97 0.05 0.00	44.04 0.00 0.00	38.54 0.15 0.00	37.25 0.19 0.00	36.42 0.11 0.00	35.53 0.07 0.00	35.66 -0.04 0.00	34.75 -0.10 -0.08	37.23 -0.04 -0.01	41.87 -0.21 0.00	46.67 -0.28 0.00	52.60 -0.16 0.00	55.69 0.28 0.00	55.05 -0.11 0.00	46.98 -0.09 0.00	40.33 -0.04 0.00	34.27 0.14 0.00

BIXINCNT_115KV_LOAD 355685	39.43 0.81 0.00	29.41 -0.88 0.00	28.95 -1.33 0.00	28.31 -1.09 0.00	29.53 -1.04 0.00	32.99 -1.09 0.00	42.14 -1.85 0.00	44.86 -2.06 0.00	41.97 -2.07 0.00	37.08 -1.31 0.00	35.84 -1.22 0.00	34.79 -1.53 0.00	34.04 -1.42 0.00	33.80 -1.89 0.00	32.75 -2.02 0.00	35.14 -2.12 0.00	39.01 -3.07 0.00	43.29 -3.66 0.00	49.07 -3.69 0.00	52.70 -2.72 0.00	51.96 -3.20 0.00	44.16 -2.92 0.00	38.31 -2.06 0.00	33.11 -1.02 0.00
BLACK RIVER___HYD 24047	37.96 -0.66 0.00	29.69 -0.61 0.00	29.74 -0.54 0.00	28.87 -0.53 0.00	30.17 -0.40 0.00	33.84 -0.24 0.00	43.73 -0.26 0.00	46.45 -0.47 0.00	43.25 -0.79 0.00	37.35 -1.03 0.00	36.10 -0.96 0.00	35.15 -1.16 0.00	34.22 -1.24 0.00	34.38 -1.32 0.00	33.52 -1.25 0.00	36.11 -1.16 0.00	40.94 -1.13 0.00	46.01 -0.94 0.00	52.18 -0.58 0.00	55.53 0.11 0.00	55.44 0.28 0.00	47.26 0.19 0.00	40.41 0.04 0.00	33.83 -0.31 0.00
BLACKRVR_115KV_TB2 79977	37.96 -0.66 0.00	29.69 -0.61 0.00	29.74 -0.55 0.00	28.87 -0.53 0.00	30.17 -0.40 0.00	33.84 -0.24 0.00	43.73 -0.26 0.00	46.45 -0.47 0.00	43.25 -0.79 0.00	37.35 -1.04 0.00	36.10 -0.96 0.00	35.15 -1.16 0.00	34.22 -1.24 0.00	34.38 -1.32 0.00	33.52 -1.25 0.00	36.11 -1.16 0.00	40.94 -1.14 0.00	46.01 -0.94 0.00	52.18 -0.58 0.00	55.58 0.17 0.00	55.44 0.28 0.00	47.26 0.19 0.00	40.41 0.04 0.00	33.90 -0.24 0.00
BLDWN_LI_69_KV_BK4 356085	41.64 3.01 -0.01	32.85 2.54 -0.01	32.73 2.45 0.00	31.75 2.35 0.00	32.95 2.38 0.00	36.81 2.73 0.00	47.38 3.39 0.00	50.49 3.57 0.00	48.01 3.96 0.00	42.08 3.69 -0.01	40.30 3.22 -0.01	39.52 3.20 -0.01	38.63 3.16 -0.01	38.92 3.21 -0.01	43.43 3.16 -5.49	48.31 3.24 -7.80	50.71 3.62 -5.01	53.32 3.85 -2.51	57.10 4.33 -0.01	72.55 4.82 -12.32	73.17 4.30 -13.71	57.91 3.67 -7.17	45.71 3.27 -2.07	43.25 2.80 -6.31
BLISS_WT_PWR 323608	39.46 0.85 0.00	29.39 -0.91 0.00	28.92 -1.36 0.00	28.28 -1.12 0.00	29.49 -1.07 0.00	32.99 -1.09 0.00	42.19 -1.81 0.00	44.86 -2.06 0.00	41.80 -2.24 0.00	37.12 -1.27 0.00	35.77 -1.30 0.00	34.82 -1.49 0.00	34.04 -1.42 0.00	33.84 -1.86 0.00	32.75 -2.02 0.00	35.14 -2.12 0.00	38.97 -3.11 0.00	43.24 -3.71 0.00	49.02 -3.74 0.00	51.70 -3.71 0.00	51.69 -3.47 0.00	44.11 -2.96 0.00	38.27 -2.10 0.00	33.08 -1.06 0.00
BLUESTONE___WT_PWR 323821	42.09 3.48 0.00	32.84 2.54 0.00	32.89 2.60 0.00	31.93 2.53 0.00	33.50 2.93 0.00	37.62 3.54 0.00	48.74 4.75 0.00	52.04 5.12 0.00	48.67 4.62 0.00	42.00 3.61 0.00	40.62 3.56 0.00	39.47 3.16 0.00	38.30 2.84 0.00	38.34 2.64 0.00	37.36 2.50 -0.09	39.99 2.72 -0.01	45.32 3.24 0.00	51.09 4.13 0.00	57.83 5.07 0.00	61.40 5.99 0.00	61.12 5.96 0.00	52.25 5.18 0.00	44.61 4.24 0.00	37.41 3.28 0.00
BLUE_CIRC_CHEM_DRP 24182	39.35 0.73 0.00	31.02 0.73 0.00	31.04 0.76 0.00	30.10 0.71 0.00	31.30 0.73 0.00	34.83 0.75 0.00	44.92 0.92 0.00	47.91 0.99 0.00	44.66 0.62 0.00	38.77 0.38 0.00	37.43 0.37 0.00	36.78 0.47 0.00	35.92 0.46 0.00	36.23 0.54 0.00	35.33 0.56 0.00	37.86 0.60 0.00	42.84 0.76 0.00	47.84 0.89 0.00	53.76 1.00 0.00	56.47 1.05 0.00	56.10 0.94 0.00	48.02 0.94 0.00	41.18 0.81 0.00	34.82 0.68 0.00
BOC_GAS_DRP 24189	39.19 0.58 0.00	30.90 0.61 0.00	30.89 0.61 0.00	29.98 0.59 0.00	31.15 0.58 0.00	34.69 0.61 0.00	44.78 0.79 0.00	47.81 0.89 0.00	44.75 0.70 0.00	38.89 0.50 0.00	37.58 0.52 0.00	36.93 0.62 0.00	36.06 0.60 0.00	36.37 0.68 0.00	35.23 0.66 0.20	37.91 0.67 0.02	42.88 0.80 0.00	47.84 0.89 0.00	53.71 0.95 0.00	56.47 1.05 0.00	56.04 0.88 0.00	47.92 0.85 0.00	41.09 0.73 0.00	34.72 0.58 0.00
BOONVILLE_115KV_TB1 79983	38.89 0.27 0.00	30.48 0.18 0.00	30.49 0.21 0.00	29.57 0.18 0.00	30.84 0.28 0.00	34.52 0.44 0.00	44.56 0.57 0.00	47.44 0.52 0.00	44.44 0.40 0.00	38.50 0.12 0.00	37.21 0.15 0.00	36.35 0.04 0.00	35.42 -0.04 0.00	35.62 -0.07 0.00	34.70 -0.07 0.00	37.30 0.04 0.00	42.25 0.17 0.00	47.33 0.38 0.00	53.34 0.58 0.00	56.41 1.00 0.00	56.15 0.99 0.00	47.92 0.85 0.00	41.05 0.69 0.00	34.58 0.44 0.00
BORALEX_4TH_BRANCH 23824	39.85 1.24 0.00	31.51 1.21 0.00	31.46 1.18 0.00	30.54 1.15 0.00	31.76 1.19 0.00	35.38 1.30 0.00	45.75 1.76 0.00	48.70 1.78 0.00	45.32 1.28 0.00	39.04 0.65 0.00	37.80 0.74 0.00	37.07 0.76 0.00	36.13 0.67 0.00	36.55 0.86 0.00	35.60 0.90 0.08	38.15 0.89 0.01	43.43 1.35 0.00	48.74 1.78 0.00	54.87 2.11 0.00	57.30 1.88 0.00	57.15 1.99 0.00	48.86 1.79 0.00	41.90 1.53 0.00	35.37 1.23 0.00
BOWLINE___1 23526	40.31 1.70 0.00	31.84 1.54 0.00	31.76 1.48 0.00	30.78 1.38 0.00	31.97 1.41 0.00	35.68 1.60 0.00	46.19 2.20 0.00	49.55 2.63 0.00	46.82 2.78 0.00	40.85 2.46 0.00	39.55 2.48 0.00	38.74 2.43 0.00	37.87 2.41 0.00	38.23 2.53 0.00	39.17 2.50 -1.89	40.10 2.65 -0.19	45.07 2.99 0.00	50.10 3.15 0.00	56.14 3.38 0.00	58.85 3.44 0.00	58.53 3.37 0.00	49.95 2.87 0.00	42.71 2.34 0.00	36.01 1.88 0.00
BOWLINE___2 23595	40.31 1.70 0.00	31.84 1.54 0.00	31.76 1.48 0.00	30.78 1.38 0.00	31.97 1.41 0.00	35.68 1.60 0.00	46.19 2.20 0.00	49.55 2.63 0.00	46.82 2.78 0.00	40.85 2.46 0.00	39.55 2.48 0.00	38.74 2.43 0.00	37.87 2.41 0.00	38.23 2.53 0.00	39.17 2.50 -1.89	40.10 2.65 -0.19	45.07 2.99 0.00	50.10 3.15 0.00	56.14 3.38 0.00	58.85 3.44 0.00	58.53 3.37 0.00	49.95 2.87 0.00	42.71 2.34 0.00	36.01 1.88 0.00
BRADY___115KV_TB2 356060	38.42 -0.19 0.00	30.20 -0.09 0.00	30.31 0.03 0.00	29.40 0.00 0.00	30.47 -0.09 0.00	34.11 0.03 0.00	44.04 0.04 0.00	46.64 -0.28 0.00	43.91 -0.13 0.00	38.20 -0.19 0.00	36.77 -0.30 0.00	35.98 -0.33 0.00	35.14 -0.32 0.00	35.30 -0.39 0.00	34.49 -0.28 0.00	36.96 -0.30 0.00	41.91 -0.17 0.00	46.81 -0.14 0.00	52.71 -0.05 0.00	55.30 -0.11 0.00	55.55 0.39 0.00	47.31 0.24 0.00	40.89 0.52 0.00	34.31 0.17 0.00
BRANSCOMB___SOLAR 323811	39.97 1.35 0.00	31.47 1.18 0.00	31.46 1.18 0.00	30.51 1.12 0.00	31.76 1.19 0.00	35.41 1.33 0.00	45.84 1.85 0.00	48.84 1.92 0.00	45.54 1.50 0.00	39.42 1.04 0.00	38.10 1.04 0.00	37.37 1.05 0.00	36.45 0.99 0.00	36.77 1.07 0.00	35.75 1.11 0.13	38.40 1.16 0.01	43.59 1.51 0.00	48.74 1.78 0.00	54.93 2.16 0.00	57.41 1.99 0.00	57.53 2.37 0.00	49.14 2.07 0.00	42.02 1.66 0.00	35.43 1.30 0.00
BRDGHMPT_69_KV_BK1 55812	42.21 3.59 -0.01	33.45 3.15 -0.01	33.28 3.00 0.00	32.31 2.91 0.00	33.65 3.09 0.00	37.66 3.58 0.00	48.35 4.36 0.00	51.38 4.46 0.00	49.02 4.98 0.00	43.08 4.68 -0.01	41.19 4.11 -0.01	40.42 4.10 -0.01	39.44 3.97 -0.01	39.85 4.14 -0.01	43.48 4.03 -4.68	47.50 4.21 -6.03	50.72 4.80 -3.84	54.14 5.26 -1.93	58.68 5.91 -0.01	71.67 6.82 -9.44	71.96 6.29 -10.51	58.12 5.55 -5.49	46.92 4.97 -1.59	43.28 4.30 -4.84

BRENTWOD_69_KV_W. BRTWOOD 56703	41.98 3.36 -0.01	33.18 2.88 -0.01	32.98 2.70 0.00	31.95 2.56 0.00	33.19 2.63 0.00	37.11 3.03 0.00	47.51 3.52 0.00	50.53 3.61 0.00	48.14 4.10 0.00	42.39 3.99 -0.01	40.56 3.48 -0.01	39.77 3.45 -0.01	38.84 3.37 -0.01	39.20 3.50 -0.01	42.90 3.41 -4.72	46.81 3.43 -6.12	49.85 3.87 -3.90	53.04 4.13 -1.96	57.47 4.70 -0.01	70.32 5.32 -9.59	70.57 4.74 -10.67	56.79 4.14 -5.58	45.70 3.71 -1.61	42.36 3.31 -4.91
BRISTLHL_115KV_TB1 79998	37.73 -0.89 0.00	29.48 -0.82 0.00	29.43 -0.85 0.00	28.57 -0.82 0.00	29.77 -0.79 0.00	33.19 -0.89 0.00	42.85 -1.14 0.00	45.70 -1.22 0.00	42.81 -1.23 0.00	37.39 -1.00 0.00	36.10 -0.96 0.00	35.33 -0.98 0.00	34.50 -0.96 0.00	34.70 -1.00 0.00	33.69 -1.08 0.00	36.18 -1.08 0.00	40.77 -1.30 0.00	45.50 -1.46 0.00	51.23 -1.53 0.00	54.03 -1.39 0.00	53.62 -1.54 0.00	45.71 -1.37 0.00	39.20 -1.17 0.00	33.22 -0.92 0.00
BROOKHAVEN___DRP 24191	41.94 3.32 -0.01	33.21 2.91 -0.01	33.01 2.73 0.00	31.98 2.59 0.00	33.26 2.69 0.00	37.11 3.03 0.00	47.56 3.56 0.00	50.49 3.57 0.00	48.18 4.14 0.00	42.35 3.95 -0.01	40.48 3.41 -0.01	39.70 3.38 -0.01	38.77 3.30 -0.01	39.17 3.46 -0.01	42.82 3.37 -4.68	46.72 3.43 -6.03	49.84 3.91 -3.84	53.11 4.23 -1.93	57.57 4.80 -0.01	70.39 5.54 -9.44	70.63 4.96 -10.50	56.99 4.42 -5.49	45.91 3.96 -1.59	42.46 3.48 -4.84
BROOKLYN_NAVY_YARD 23515	40.66 2.05 0.00	32.11 1.82 0.00	32.04 1.76 0.00	31.07 1.67 0.00	32.21 1.65 0.00	36.02 1.94 0.00	46.63 2.64 0.00	50.11 3.19 0.00	47.48 3.44 0.00	41.46 3.07 0.00	40.10 3.04 0.00	39.36 3.05 0.00	38.47 3.01 0.00	38.84 3.14 0.00	39.93 3.16 -2.00	40.77 3.32 -0.20	45.74 3.66 0.00	50.75 3.80 0.00	56.77 4.01 0.00	59.52 4.10 0.00	59.14 3.97 0.00	50.42 3.34 0.00	43.07 2.70 0.00	36.32 2.19 0.00
BROOKLYN___ARMY_DRP 323595	50.72 2.32 -9.79	48.28 2.09 -15.89	48.47 2.00 -16.19	31.31 1.91 0.00	47.89 1.86 -15.46	48.53 2.04 -12.40	51.86 2.68 -5.18	55.27 3.28 -5.07	53.00 3.52 -5.43	53.03 3.22 -11.42	52.76 3.19 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.54 3.39 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.08 4.13 0.00	57.09 4.33 0.00	60.30 4.88 -0.01	59.41 4.25 0.00	57.35 3.53 -6.74	51.79 2.87 -8.55	50.38 2.36 -13.89
BROOME_2_LFGE 323671	39.08 0.47 0.00	30.35 0.06 0.00	30.25 -0.03 0.00	29.40 0.00 0.00	30.63 0.06 0.00	34.15 0.07 0.00	44.08 0.09 0.00	46.97 0.05 0.00	44.00 -0.04 0.00	38.54 0.15 0.00	37.25 0.19 0.00	36.42 0.11 0.00	35.53 0.07 0.00	35.66 -0.04 0.00	34.75 -0.10 -0.08	37.23 -0.04 -0.01	41.87 -0.21 0.00	46.67 -0.28 0.00	52.60 -0.16 0.00	55.25 -0.17 0.00	55.00 -0.16 0.00	46.98 -0.09 0.00	40.33 -0.04 0.00	34.27 0.14 0.00
BROOME___LFGE 323600	39.08 0.47 0.00	30.35 0.06 0.00	30.25 -0.03 0.00	29.40 0.00 0.00	30.63 0.06 0.00	34.15 0.07 0.00	44.08 0.09 0.00	46.97 0.05 0.00	44.00 -0.04 0.00	38.54 0.15 0.00	37.25 0.19 0.00	36.42 0.11 0.00	35.53 0.07 0.00	35.66 -0.04 0.00	34.75 -0.10 -0.08	37.23 -0.04 -0.01	41.87 -0.21 0.00	46.67 -0.28 0.00	52.60 -0.16 0.00	55.25 -0.17 0.00	55.00 -0.16 0.00	46.98 -0.09 0.00	40.33 -0.04 0.00	34.27 0.14 0.00
BROWNFLS_115KV_TB_3_5 80003	37.42 -1.20 0.00	29.35 -0.94 0.00	29.43 -0.85 0.00	28.57 -0.82 0.00	29.71 -0.86 0.00	33.30 -0.78 0.00	43.02 -0.97 0.00	45.65 -1.27 0.00	42.85 -1.19 0.00	37.16 -1.23 0.00	35.84 -1.22 0.00	35.00 -1.31 0.00	34.15 -1.31 0.00	34.30 -1.39 0.00	33.48 -1.29 0.00	35.96 -1.30 0.00	40.77 -1.30 0.00	45.64 -1.31 0.00	51.44 -1.32 0.00	54.31 -1.11 0.00	54.33 -0.83 0.00	46.32 -0.75 0.00	39.84 -0.52 0.00	33.42 -0.72 0.00
BROWNSV1_27_KV_LOAD 356125	40.97 2.36 0.00	32.35 2.06 0.00	32.28 2.00 0.00	31.28 1.88 0.00	32.43 1.86 0.00	36.26 2.18 0.00	46.98 2.99 0.00	50.49 3.57 0.00	47.74 3.70 0.00	41.73 3.34 0.00	40.36 3.30 0.00	39.62 3.30 0.00	38.76 3.30 0.00	39.16 3.46 0.00	40.17 3.41 -2.00	41.04 3.58 -0.20	46.08 4.00 0.00	51.13 4.18 0.00	57.19 4.43 0.00	60.40 4.99 0.00	59.57 4.41 0.00	50.79 3.72 0.00	43.36 2.99 0.00	36.56 2.42 0.00
BURROWS___LYONSDAL 23803	38.65 0.04 0.00	30.29 0.00 0.00	30.31 0.03 0.00	29.43 0.03 0.00	30.69 0.12 0.00	34.35 0.27 0.00	44.34 0.35 0.00	47.15 0.23 0.00	44.17 0.13 0.00	38.27 -0.12 0.00	36.95 -0.11 0.00	36.09 -0.22 0.00	35.18 -0.28 0.00	35.37 -0.32 0.00	34.46 -0.31 0.00	37.07 -0.19 0.00	41.99 -0.08 0.00	47.05 0.09 0.00	53.08 0.32 0.00	56.13 0.72 0.00	55.93 0.77 0.00	47.73 0.66 0.00	40.89 0.52 0.00	34.41 0.27 0.00
CAITHNESS_CC_1 323624	41.83 3.20 -0.01	33.12 2.82 -0.01	32.95 2.67 -0.01	31.93 2.53 0.00	33.17 2.60 -0.01	37.02 2.93 -0.01	47.38 3.39 0.00	50.34 3.42 0.00	48.23 4.19 0.00	42.24 3.84 -0.01	40.37 3.30 -0.01	39.59 3.27 -0.01	38.66 3.19 -0.01	39.03 3.32 -0.01	42.71 3.27 -4.68	46.60 3.32 -6.02	49.66 3.74 -3.84	52.92 4.04 -1.93	57.36 4.59 -0.01	69.62 4.77 -9.43	70.40 4.74 -10.50	56.61 4.05 -5.49	45.71 3.75 -1.59	42.32 3.35 -4.83
CALPINE BETH_PAGE_GT4 24209	41.72 3.09 -0.01	32.94 2.64 -0.01	32.79 2.51 0.00	31.78 2.38 0.00	33.01 2.45 0.00	36.87 2.79 0.00	47.29 3.30 0.00	50.39 3.47 0.00	47.92 3.88 0.00	42.01 3.61 -0.01	40.26 3.19 -0.01	39.48 3.16 -0.01	38.59 3.12 -0.01	38.92 3.21 -0.01	43.27 3.16 -5.33	47.92 3.20 -7.46	50.48 3.62 -4.79	53.16 3.80 -2.40	57.05 4.27 -0.01	71.94 4.77 -11.76	72.49 4.25 -13.08	57.59 3.67 -6.84	45.58 3.23 -1.98	42.93 2.77 -6.03
CALPINE_BETH_PAGE_GT_4 323586	41.72 3.09 -0.01	32.94 2.63 -0.01	32.80 2.51 -0.01	31.78 2.38 0.00	33.02 2.45 -0.01	36.88 2.80 -0.01	47.29 3.30 0.00	50.39 3.47 0.00	48.09 4.05 0.00	42.01 3.61 -0.01	40.26 3.19 -0.01	39.48 3.16 -0.01	38.59 3.12 -0.01	38.88 3.18 -0.01	43.27 3.16 -5.34	47.92 3.20 -7.46	50.49 3.62 -4.79	53.15 3.80 -2.40	57.05 4.27 -0.01	71.50 4.33 -11.76	72.49 4.25 -13.08	57.54 3.62 -6.84	45.58 3.23 -1.98	42.96 2.80 -6.03
CALPINE_BP_GT1 23823	41.72 3.09 -0.01	32.94 2.63 -0.01	32.80 2.51 -0.01	31.78 2.38 0.00	33.02 2.45 -0.01	36.88 2.80 -0.01	47.29 3.30 0.00	50.39 3.47 0.00	48.09 4.05 0.00	42.01 3.61 -0.01	40.26 3.19 -0.01	39.48 3.16 -0.01	38.59 3.12 -0.01	38.88 3.18 -0.01	43.27 3.16 -5.34	47.92 3.20 -7.46	50.49 3.62 -4.79	53.15 3.80 -2.40	57.05 4.27 -0.01	71.50 4.33 -11.76	72.49 4.25 -13.08	57.54 3.62 -6.84	45.58 3.23 -1.98	42.96 2.80 -6.03
CALSPAN___DRP 24200	39.08 0.46 0.00	29.14 -1.15 0.00	28.74 -1.54 0.00	28.10 -1.29 0.00	29.31 -1.25 0.00	32.68 -1.40 0.00	41.57 -2.42 0.00	44.10 -2.82 0.00	41.36 -2.69 0.00	36.51 -1.88 0.00	35.28 -1.78 0.00	34.31 -2.00 0.00	33.58 -1.88 0.00	33.41 -2.28 0.00	32.41 -2.36 0.00	34.76 -2.50 0.00	38.63 -3.45 0.00	42.87 -4.08 0.00	48.59 -4.17 0.00	52.03 -3.38 0.00	51.30 -3.86 0.00	43.50 -3.58 0.00	37.91 -2.46 0.00	32.91 -1.23 0.00

CALVERTON___SOLAR 323806	42.02 3.40 -0.01	33.27 2.97 -0.01	33.11 2.82 -0.01	32.07 2.67 0.00	33.35 2.78 -0.01	37.22 3.13 -0.01	47.69 3.70 0.00	50.68 3.76 0.00	48.54 4.49 0.00	42.46 4.07 -0.01	40.60 3.52 -0.01	39.81 3.49 -0.01	38.87 3.40 -0.01	39.24 3.53 -0.01	42.92 3.48 -4.68	46.87 3.58 -6.03	50.00 4.08 -3.84	53.34 4.46 -1.93	57.84 5.07 -0.01	70.17 5.32 -9.44	70.96 5.30 -10.50	57.09 4.52 -5.49	46.12 4.16 -1.59	42.66 3.69 -4.84
CANDIGU_WT_PWR 323617	39.23 0.62 0.00	29.84 -0.45 0.00	29.59 -0.70 0.00	28.84 -0.56 0.00	30.11 -0.46 0.00	33.57 -0.51 0.00	43.15 -0.84 0.00	45.79 -1.13 0.00	42.72 -1.32 0.00	37.70 -0.69 0.00	36.32 -0.74 0.00	35.41 -0.91 0.00	34.54 -0.92 0.00	34.45 -1.25 0.00	33.41 -1.36 0.00	35.88 -1.38 0.00	40.14 -1.93 0.00	44.70 -2.25 0.00	50.65 -2.11 0.00	53.47 -1.94 0.00	53.29 -1.88 0.00	45.47 -1.60 0.00	39.24 -1.13 0.00	33.66 -0.48 0.00
CARR STREET_E_SYR 24060	38.30 -0.31 0.00	29.87 -0.42 0.00	29.80 -0.49 0.00	28.96 -0.44 0.00	30.17 -0.40 0.00	33.64 -0.44 0.00	43.42 -0.57 0.00	46.31 -0.61 0.00	43.38 -0.66 0.00	37.93 -0.46 0.00	36.62 -0.44 0.00	35.88 -0.43 0.00	35.04 -0.42 0.00	35.20 -0.50 0.00	34.18 -0.59 0.00	36.70 -0.56 0.00	41.32 -0.76 0.00	46.06 -0.89 0.00	51.92 -0.85 0.00	54.47 -0.94 0.00	54.22 -0.94 0.00	46.27 -0.80 0.00	39.68 -0.69 0.00	33.69 -0.44 0.00
CARTHAGE___PAPER 23857	37.88 -0.73 0.00	29.66 -0.64 0.00	29.74 -0.54 0.00	28.84 -0.56 0.00	30.11 -0.46 0.00	33.77 -0.31 0.00	43.69 -0.31 0.00	46.40 -0.52 0.00	43.25 -0.79 0.00	37.39 -1.00 0.00	36.06 -1.00 0.00	35.19 -1.13 0.00	34.25 -1.21 0.00	34.41 -1.28 0.00	33.59 -1.18 0.00	36.14 -1.12 0.00	40.98 -1.09 0.00	46.06 -0.89 0.00	52.18 -0.58 0.00	55.41 0.00 0.00	55.33 0.17 0.00	47.17 0.09 0.00	40.37 0.00 0.00	33.80 -0.34 0.00
CASSADAGA_WT_PWR 323784	40.54 1.93 0.00	30.05 -0.24 0.00	29.59 -0.70 0.00	28.99 -0.41 0.00	30.26 -0.31 0.00	33.77 -0.31 0.00	43.24 -0.75 0.00	45.98 -0.94 0.00	42.76 -1.28 0.00	37.93 -0.46 0.00	36.43 -0.63 0.00	35.41 -0.91 0.00	34.57 -0.89 0.00	34.27 -1.43 0.00	33.21 -1.56 0.00	35.70 -1.56 0.00	39.60 -2.48 0.00	44.00 -2.96 0.00	49.86 -2.90 0.00	52.53 -2.88 0.00	52.57 -2.59 0.00	44.86 -2.21 0.00	38.95 -1.41 0.00	33.73 -0.41 0.00
CE_DUNWOOD___DRP 24194	40.58 1.97 0.00	32.02 1.73 0.00	31.95 1.67 0.00	30.95 1.56 0.00	32.15 1.59 0.00	35.89 1.81 0.00	46.46 2.46 0.00	49.83 2.91 0.00	47.08 3.04 0.00	41.15 2.76 0.00	39.77 2.71 0.00	39.04 2.72 0.00	38.15 2.69 0.00	38.55 2.86 0.00	39.57 2.82 -1.99	40.40 2.94 -0.20	45.40 3.32 0.00	50.43 3.47 0.00	56.51 3.75 0.00	59.68 4.27 0.00	58.86 3.70 0.00	50.18 3.11 0.00	42.91 2.54 0.00	36.19 2.05 0.00
CE_MILLWOOD___DRP 24193	40.47 1.85 0.00	31.93 1.64 0.00	31.86 1.57 0.00	30.90 1.50 0.00	32.06 1.50 0.00	35.78 1.70 0.00	46.32 2.33 0.00	49.69 2.77 0.00	46.91 2.86 0.00	41.00 2.61 0.00	39.62 2.56 0.00	38.89 2.58 0.00	38.01 2.55 0.00	38.37 2.68 0.00	39.39 2.64 -1.98	40.25 2.79 -0.20	45.23 3.16 0.00	50.29 3.33 0.00	56.30 3.54 0.00	59.46 4.05 0.00	58.69 3.53 0.00	50.09 3.01 0.00	42.83 2.46 0.00	36.12 1.98 0.00
CE_NYC2_DRP 24202	40.78 2.16 0.00	32.26 1.97 0.00	32.13 1.85 0.00	31.19 1.79 0.00	32.31 1.74 0.00	36.02 1.94 0.00	46.59 2.60 0.00	50.11 3.19 0.00	47.43 3.39 0.00	41.50 3.11 0.00	40.14 3.08 0.00	39.43 3.12 0.00	38.58 3.12 0.00	38.94 3.25 0.00	40.00 3.23 -2.00	40.85 3.39 -0.20	45.87 3.79 0.00	50.85 3.90 0.00	56.88 4.12 0.00	60.01 4.60 0.00	59.19 4.03 0.00	50.42 3.34 0.00	43.07 2.70 0.00	36.32 2.18 0.00
CE_NYC_DRP 24195	40.78 2.16 0.00	32.20 1.91 0.00	32.13 1.85 0.00	31.16 1.76 0.00	32.31 1.74 0.00	36.09 2.01 0.00	46.76 2.77 0.00	50.25 3.33 0.00	47.52 3.48 0.00	41.54 3.15 0.00	40.18 3.11 0.00	39.43 3.12 0.00	38.58 3.12 0.00	38.98 3.28 0.00	40.00 3.23 -2.00	40.85 3.39 -0.20	45.87 3.79 0.00	50.90 3.94 0.00	56.93 4.17 0.00	60.12 4.71 0.00	59.24 4.08 0.00	50.56 3.48 0.00	43.15 2.79 0.00	36.39 2.25 0.00
CHAFFEE___LFGE 323603	39.31 0.70 0.00	29.20 -1.09 0.00	28.77 -1.51 0.00	28.16 -1.23 0.00	29.37 -1.19 0.00	32.75 -1.33 0.00	41.70 -2.29 0.00	44.25 -2.67 0.00	41.27 -2.77 0.00	36.66 -1.73 0.00	35.29 -1.78 0.00	34.42 -1.89 0.00	33.69 -1.77 0.00	33.48 -2.21 0.00	32.47 -2.30 0.00	34.88 -2.39 0.00	38.75 -3.33 0.00	43.01 -3.94 0.00	48.75 -4.01 0.00	51.31 -4.10 0.00	51.19 -3.97 0.00	43.68 -3.39 0.00	38.03 -2.34 0.00	32.98 -1.16 0.00
CHATEAUG_35_KV_LOAD 355732	38.50 -0.12 0.00	30.26 -0.03 0.00	30.37 0.09 0.00	29.48 0.09 0.00	30.53 -0.03 0.00	34.15 0.07 0.00	44.12 0.13 0.00	46.92 0.00 0.00	44.22 0.18 0.00	38.54 0.15 0.00	37.10 0.04 0.00	36.31 0.00 0.00	35.53 0.07 0.00	35.70 0.00 0.00	34.80 0.03 0.00	37.34 0.07 0.00	42.25 0.17 0.00	47.14 0.19 0.00	52.97 0.21 0.00	55.41 0.00 0.00	55.55 0.39 0.00	47.26 0.19 0.00	40.61 0.24 0.00	34.14 0.00 0.00
CHATEAUG_WT_PWR 323614	38.46 -0.15 0.00	30.23 -0.06 0.00	30.31 0.03 0.00	29.43 0.03 0.00	30.50 -0.06 0.00	34.08 0.00 0.00	44.04 0.04 0.00	46.87 -0.05 0.00	44.17 0.13 0.00	38.50 0.12 0.00	37.10 0.04 0.00	36.31 0.00 0.00	35.53 0.07 0.00	35.70 0.00 0.00	34.80 0.03 0.00	37.30 0.04 0.00	42.21 0.13 0.00	47.09 0.14 0.00	52.87 0.11 0.00	55.81 0.39 0.00	55.44 0.28 0.00	47.17 0.09 0.00	40.53 0.16 0.00	34.07 -0.07 0.00
CHAT_HIGH_FALL_HYD 323578	38.50 -0.12 0.00	30.26 -0.03 0.00	30.37 0.09 0.00	29.48 0.09 0.00	30.53 -0.03 0.00	34.15 0.07 0.00	44.12 0.13 0.00	46.92 0.00 0.00	44.22 0.18 0.00	38.54 0.15 0.00	37.10 0.04 0.00	36.31 0.00 0.00	35.53 0.07 0.00	35.70 0.00 0.00	34.80 0.03 0.00	37.34 0.07 0.00	42.25 0.17 0.00	47.14 0.19 0.00	52.97 0.21 0.00	55.41 0.00 0.00	55.55 0.39 0.00	47.26 0.19 0.00	40.61 0.24 0.00	34.14 0.00 0.00
CHAUTAUQUA___LFGE 323629	40.00 1.39 0.00	29.75 -0.54 0.00	29.31 -0.97 0.00	28.69 -0.71 0.00	29.95 -0.61 0.00	33.40 -0.68 0.00	42.54 -1.45 0.00	45.14 -1.78 0.00	42.02 -2.03 0.00	37.35 -1.03 0.00	35.95 -1.11 0.00	35.01 -1.31 0.00	34.22 -1.24 0.00	34.02 -1.68 0.00	32.96 -1.81 0.00	35.44 -1.82 0.00	39.34 -2.73 0.00	43.71 -3.24 0.00	49.54 -3.22 0.00	52.15 -3.27 0.00	52.07 -3.09 0.00	44.48 -2.59 0.00	38.67 -1.69 0.00	33.49 -0.65 0.00
CHERRYST_13_KV_LD 356241	40.89 2.28 0.00	32.29 2.00 0.00	32.22 1.94 0.00	31.22 1.82 0.00	32.40 1.83 0.00	36.19 2.11 0.00	46.90 2.90 0.00	50.39 3.47 0.00	47.70 3.66 0.00	41.69 3.30 0.00	40.33 3.26 0.00	39.62 3.30 0.00	38.72 3.26 0.00	39.12 3.43 0.00	40.14 3.37 -2.00	41.00 3.54 -0.20	46.03 3.96 0.00	51.08 4.13 0.00	57.09 4.33 0.00	60.29 4.88 0.00	59.41 4.25 0.00	50.65 3.58 0.00	43.27 2.91 0.00	36.46 2.32 0.00

CHESTROR_138KV_BK263 355645	40.16 1.54 0.00	31.66 1.36 0.00	31.58 1.30 0.00	30.63 1.23 0.00	31.82 1.25 0.00	35.51 1.43 0.00	45.93 1.94 0.00	49.22 2.30 0.00	46.42 2.38 0.00	40.50 2.11 0.00	39.14 2.08 0.00	38.38 2.07 0.00	37.52 2.06 0.00	37.84 2.14 0.00	38.67 2.16 -1.74	39.71 2.27 -0.17	44.65 2.57 0.00	49.72 2.77 0.00	55.66 2.90 0.00	58.85 3.44 0.00	58.09 2.92 0.00	49.62 2.54 0.00	42.43 2.06 0.00	35.81 1.67 0.00
CH_MIDHUDSON___DRP 24192	40.31 1.70 0.00	31.81 1.51 0.00	31.77 1.48 0.00	30.81 1.41 0.00	32.00 1.44 0.00	35.68 1.60 0.00	46.15 2.16 0.00	49.45 2.53 0.00	46.68 2.64 0.00	40.65 2.26 0.00	39.29 2.22 0.00	38.56 2.25 0.00	37.69 2.23 0.00	38.05 2.36 0.00	39.09 2.33 -1.99	39.92 2.46 -0.20	44.90 2.82 0.00	50.00 3.05 0.00	56.03 3.27 0.00	59.18 3.77 0.00	58.42 3.25 0.00	49.90 2.82 0.00	42.63 2.26 0.00	35.98 1.84 0.00
CH_MISC_IPPS 23765	40.39 1.78 0.00	31.87 1.57 0.00	31.82 1.54 0.00	30.87 1.47 0.00	32.06 1.50 0.00	35.78 1.70 0.00	46.28 2.29 0.00	49.59 2.67 0.00	46.86 2.82 0.00	40.69 2.30 0.00	39.40 2.34 0.00	38.56 2.25 0.00	37.73 2.27 0.00	38.12 2.43 0.00	39.07 2.37 -1.93	39.99 2.54 -0.19	44.98 2.90 0.00	50.10 3.15 0.00	56.14 3.38 0.00	58.96 3.55 0.00	58.64 3.48 0.00	50.04 2.97 0.00	42.75 2.38 0.00	36.12 1.98 0.00
CH_RES_BVR_FALLS 23983	38.23 -0.39 0.00	30.02 -0.27 0.00	30.07 -0.21 0.00	29.19 -0.20 0.00	30.32 -0.25 0.00	33.84 -0.24 0.00	43.69 -0.31 0.00	46.54 -0.38 0.00	43.78 -0.26 0.00	38.16 -0.23 0.00	36.84 -0.22 0.00	36.10 -0.22 0.00	35.25 -0.21 0.00	35.45 -0.25 0.00	34.56 -0.21 0.00	37.04 -0.22 0.00	41.83 -0.25 0.00	46.67 -0.28 0.00	52.39 -0.37 0.00	55.14 -0.28 0.00	54.78 -0.38 0.00	46.70 -0.38 0.00	40.09 -0.28 0.00	33.83 -0.31 0.00
CH_RES_NIAGARA 23895	38.11 -0.50 0.00	28.51 -1.79 0.00	28.13 -2.15 0.00	27.52 -1.88 0.00	28.70 -1.86 0.00	32.00 -2.08 0.00	40.52 -3.48 0.00	42.84 -4.08 0.00	40.17 -3.88 0.00	35.55 -2.84 0.00	34.36 -2.71 0.00	33.44 -2.87 0.00	32.76 -2.69 0.00	32.63 -3.07 0.00	31.64 -3.13 0.00	33.91 -3.35 0.00	37.66 -4.42 0.00	41.65 -5.31 0.00	47.27 -5.49 0.00	50.54 -4.88 0.00	49.81 -5.35 0.00	42.23 -4.85 0.00	36.94 -3.43 0.00	32.19 -1.95 0.00
CH_RES_SYRACUSE 23985	38.35 -0.27 0.00	29.90 -0.39 0.00	29.86 -0.42 0.00	28.99 -0.41 0.00	30.20 -0.37 0.00	33.71 -0.37 0.00	43.51 -0.48 0.00	46.40 -0.52 0.00	43.47 -0.57 0.00	38.00 -0.38 0.00	36.66 -0.41 0.00	35.91 -0.40 0.00	35.07 -0.39 0.00	35.23 -0.47 0.00	34.21 -0.56 0.00	36.74 -0.52 0.00	41.40 -0.67 0.00	46.20 -0.75 0.00	52.02 -0.74 0.00	54.64 -0.78 0.00	54.39 -0.77 0.00	46.41 -0.66 0.00	39.80 -0.57 0.00	33.76 -0.37 0.00
CLINTON_WT_PWR 323605	38.46 -0.15 0.00	30.23 -0.06 0.00	30.31 0.03 0.00	29.43 0.03 0.00	30.50 -0.06 0.00	34.08 0.00 0.00	44.04 0.04 0.00	46.87 -0.05 0.00	44.17 0.13 0.00	38.50 0.12 0.00	37.10 0.04 0.00	36.31 0.00 0.00	35.53 0.07 0.00	35.70 0.00 0.00	34.80 0.03 0.00	37.30 0.04 0.00	42.21 0.13 0.00	47.09 0.14 0.00	52.87 0.11 0.00	55.81 0.39 0.00	55.44 0.28 0.00	47.17 0.09 0.00	40.53 0.16 0.00	34.07 -0.07 0.00
CLINTON___LFGE 323618	39.31 0.70 0.00	30.87 0.57 0.00	30.98 0.70 0.00	30.07 0.68 0.00	31.12 0.55 0.00	34.83 0.75 0.00	45.05 1.05 0.00	47.91 0.99 0.00	45.19 1.14 0.00	39.42 1.04 0.00	37.92 0.85 0.00	37.11 0.80 0.00	36.31 0.85 0.00	36.45 0.75 0.00	35.53 0.76 0.00	38.12 0.86 0.00	43.17 1.09 0.00	48.17 1.22 0.00	54.08 1.32 0.00	57.19 1.77 0.00	56.87 1.71 0.00	48.35 1.27 0.00	41.54 1.17 0.00	34.82 0.68 0.00
COBBLENY_34_KV_TB1 80064	39.23 0.62 0.00	29.20 -1.09 0.00	28.80 -1.48 0.00	28.16 -1.23 0.00	29.37 -1.19 0.00	32.75 -1.33 0.00	41.70 -2.29 0.00	44.29 -2.63 0.00	41.49 -2.55 0.00	36.66 -1.73 0.00	35.40 -1.67 0.00	34.42 -1.89 0.00	33.69 -1.77 0.00	33.48 -2.21 0.00	32.48 -2.29 0.00	34.88 -2.38 0.00	38.75 -3.32 0.00	43.01 -3.94 0.00	48.75 -4.01 0.00	52.20 -3.21 0.00	51.47 -3.70 0.00	43.68 -3.39 0.00	38.03 -2.34 0.00	32.98 -1.16 0.00
COFFEEN___115KV_TB3 355620	38.11 -0.50 0.00	29.81 -0.48 0.00	29.86 -0.42 0.00	28.96 -0.44 0.00	30.29 -0.28 0.00	34.01 -0.07 0.00	43.95 -0.04 0.00	46.64 -0.28 0.00	43.38 -0.66 0.00	37.43 -0.96 0.00	36.17 -0.89 0.00	35.19 -1.13 0.00	34.25 -1.21 0.00	34.41 -1.29 0.00	33.55 -1.22 0.00	36.14 -1.12 0.00	41.03 -1.05 0.00	46.20 -0.75 0.00	52.39 -0.37 0.00	55.91 0.50 0.00	55.77 0.61 0.00	47.54 0.47 0.00	40.65 0.28 0.00	34.07 -0.07 0.00
COLDSPRG_115KV_BK1 355956	40.62 2.01 0.00	30.11 -0.18 0.00	29.62 -0.67 0.00	29.01 -0.38 0.00	30.32 -0.24 0.00	33.81 -0.27 0.00	43.29 -0.70 0.00	46.12 -0.80 0.00	43.12 -0.92 0.00	38.08 -0.31 0.00	36.73 -0.33 0.00	35.62 -0.69 0.00	34.82 -0.64 0.00	34.52 -1.18 0.00	33.48 -1.29 0.00	35.99 -1.27 0.00	39.93 -2.15 0.00	44.42 -2.54 0.00	50.28 -2.48 0.00	54.03 -1.39 0.00	53.23 -1.93 0.00	45.24 -1.84 0.00	39.24 -1.13 0.00	33.90 -0.24 0.00
COLONIE_LFGE___ 323577	39.62 1.00 0.00	31.26 0.97 0.00	31.25 0.97 0.00	30.31 0.91 0.00	31.51 0.95 0.00	35.10 1.02 0.00	45.40 1.41 0.00	48.42 1.50 0.00	45.23 1.19 0.00	39.12 0.73 0.00	37.84 0.78 0.00	37.08 0.76 0.00	36.17 0.71 0.00	36.52 0.82 0.00	35.53 0.87 0.11	38.14 0.89 0.01	43.30 1.22 0.00	48.41 1.46 0.00	54.45 1.69 0.00	56.80 1.39 0.00	56.93 1.76 0.00	48.58 1.51 0.00	41.62 1.25 0.00	35.13 0.99 0.00
COOPERNY_115KV_TB1 80082	39.85 1.24 0.00	31.35 1.06 0.00	31.31 1.03 0.00	30.37 0.97 0.00	31.57 1.01 0.00	35.20 1.12 0.00	45.49 1.50 0.00	48.70 1.78 0.00	45.89 1.85 0.00	40.04 1.65 0.00	38.69 1.63 0.00	37.91 1.60 0.00	37.05 1.60 0.00	37.34 1.64 0.00	37.57 1.63 -1.16	39.09 1.71 -0.12	44.01 1.94 0.00	49.02 2.07 0.00	54.98 2.22 0.00	58.07 2.66 0.00	57.42 2.26 0.00	49.00 1.93 0.00	41.94 1.57 0.00	35.43 1.30 0.00
COPENHAGEN_WT_PWR 323753	37.92 -0.69 0.00	29.66 -0.64 0.00	29.68 -0.61 0.00	28.81 -0.59 0.00	30.11 -0.46 0.00	33.77 -0.31 0.00	43.64 -0.35 0.00	46.36 -0.56 0.00	43.16 -0.88 0.00	37.35 -1.03 0.00	36.06 -1.00 0.00	35.15 -1.16 0.00	34.22 -1.24 0.00	34.38 -1.32 0.00	33.52 -1.25 0.00	36.07 -1.19 0.00	40.90 -1.18 0.00	45.96 -0.99 0.00	52.07 -0.69 0.00	55.30 -0.11 0.00	55.22 0.06 0.00	47.12 0.05 0.00	40.29 -0.08 0.00	33.76 -0.37 0.00
CORNELL_____ 23752	39.50 0.89 0.00	30.69 0.39 0.00	30.64 0.36 0.00	29.75 0.35 0.00	31.05 0.49 0.00	34.66 0.58 0.00	44.83 0.84 0.00	47.81 0.89 0.00	44.75 0.70 0.00	38.96 0.58 0.00	37.58 0.52 0.00	36.71 0.40 0.00	35.81 0.35 0.00	35.91 0.21 0.00	34.87 0.10 0.00	37.48 0.22 0.00	42.29 0.21 0.00	47.33 0.38 0.00	53.50 0.74 0.00	56.69 1.27 0.00	56.15 0.99 0.00	47.87 0.80 0.00	41.01 0.65 0.00	34.79 0.65 0.00

CORONA__69_KV_TB1 355595	41.53 2.90 -0.02	32.76 2.45 -0.02	32.67 2.39 0.00	31.69 2.29 0.00	32.89 2.32 0.00	36.70 2.62 0.00	47.29 3.30 0.00	50.49 3.57 0.00	47.96 3.92 0.00	42.01 3.61 -0.02	40.30 3.22 -0.02	39.49 3.16 -0.02	38.67 3.19 -0.02	38.92 3.21 -0.02	44.44 3.13 -6.54	50.54 3.20 -10.07	52.16 3.58 -6.51	54.02 3.80 -3.26	57.00 4.22 -0.02	76.11 4.71 -15.99	77.09 4.14 -17.79	59.95 3.58 -9.30	46.21 3.15 -2.69	45.02 2.70 -8.19
CORTLAND__115KV_TB3 80093	39.12 0.50 0.00	30.44 0.15 0.00	30.40 0.12 0.00	29.51 0.12 0.00	30.78 0.21 0.00	34.35 0.27 0.00	44.39 0.40 0.00	47.34 0.42 0.00	44.35 0.31 0.00	38.69 0.31 0.00	37.36 0.30 0.00	36.53 0.22 0.00	35.64 0.18 0.00	35.77 0.07 0.00	34.77 0.00 0.00	37.30 0.04 0.00	42.08 0.00 0.00	47.00 0.05 0.00	53.03 0.26 0.00	56.08 0.66 0.00	55.55 0.39 0.00	47.40 0.33 0.00	40.61 0.24 0.00	34.44 0.31 0.00
COXSACKIE__GT 23611	39.81 1.20 0.00	31.35 1.06 0.00	31.40 1.12 0.00	30.48 1.09 0.00	31.73 1.16 0.00	35.37 1.29 0.00	45.71 1.71 0.00	48.66 1.74 0.00	45.06 1.01 0.00	38.66 0.27 0.00	37.36 0.30 0.00	36.49 0.18 0.00	35.67 0.21 0.00	36.02 0.32 0.00	35.63 0.55 -0.30	37.89 0.59 -0.03	42.84 0.76 0.00	48.17 1.22 0.00	54.24 1.48 0.00	57.02 1.61 0.00	56.93 1.76 0.00	48.63 1.55 0.00	41.62 1.25 0.00	35.23 1.09 0.00
CPV_VALLEY__CC1 323721	40.04 1.43 0.00	31.57 1.27 0.00	31.49 1.21 0.00	30.54 1.15 0.00	31.76 1.19 0.00	35.41 1.33 0.00	45.80 1.80 0.00	49.03 2.11 0.00	46.29 2.24 0.00	40.38 1.99 0.00	39.06 2.00 0.00	38.31 2.00 0.00	37.41 1.95 0.00	37.73 2.03 0.00	38.32 2.02 -1.54	39.57 2.16 -0.15	44.48 2.40 0.00	49.53 2.58 0.00	55.50 2.74 0.00	58.24 2.82 0.00	57.92 2.76 0.00	49.43 2.35 0.00	42.27 1.90 0.00	35.71 1.57 0.00
CPV_VALLEY__CC2 323722	40.04 1.43 0.00	31.57 1.27 0.00	31.49 1.21 0.00	30.54 1.15 0.00	31.76 1.19 0.00	35.41 1.33 0.00	45.80 1.80 0.00	49.03 2.11 0.00	46.29 2.24 0.00	40.38 1.99 0.00	39.06 2.00 0.00	38.31 2.00 0.00	37.41 1.95 0.00	37.73 2.03 0.00	38.32 2.02 -1.54	39.57 2.16 -0.15	44.48 2.40 0.00	49.53 2.58 0.00	55.50 2.74 0.00	58.24 2.82 0.00	57.92 2.76 0.00	49.43 2.35 0.00	42.27 1.90 0.00	35.71 1.57 0.00
CRESCENT__HYD 24018	39.62 1.00 0.00	31.26 0.97 0.00	31.25 0.97 0.00	30.31 0.91 0.00	31.51 0.95 0.00	35.10 1.02 0.00	45.40 1.41 0.00	48.42 1.50 0.00	45.23 1.19 0.00	39.12 0.73 0.00	37.84 0.78 0.00	37.08 0.76 0.00	36.17 0.71 0.00	36.52 0.82 0.00	35.53 0.87 0.11	38.14 0.89 0.01	43.30 1.22 0.00	48.41 1.46 0.00	54.45 1.69 0.00	56.80 1.39 0.00	56.93 1.76 0.00	48.58 1.51 0.00	41.62 1.25 0.00	35.13 0.99 0.00
CRICKET__VALLEY_CC1 323756	40.24 1.62 0.00	31.78 1.48 0.00	31.70 1.42 0.00	30.75 1.35 0.00	31.91 1.34 0.00	35.62 1.54 0.00	46.06 2.07 0.00	49.36 2.44 0.00	46.64 2.60 0.00	40.65 2.26 0.00	39.32 2.26 0.00	38.56 2.25 0.00	37.69 2.24 0.00	38.05 2.36 0.00	39.26 2.33 -2.16	39.93 2.46 -0.22	44.86 2.78 0.00	49.91 2.96 0.00	55.87 3.11 0.00	58.57 3.16 0.00	58.30 3.14 0.00	49.76 2.68 0.00	42.55 2.18 0.00	35.91 1.77 0.00
CRICKET__VALLEY_CC2 323757	40.24 1.62 0.00	31.78 1.48 0.00	31.70 1.42 0.00	30.75 1.35 0.00	31.91 1.34 0.00	35.62 1.54 0.00	46.06 2.07 0.00	49.36 2.44 0.00	46.64 2.60 0.00	40.65 2.26 0.00	39.32 2.26 0.00	38.56 2.25 0.00	37.69 2.24 0.00	38.05 2.36 0.00	39.26 2.33 -2.16	39.93 2.46 -0.22	44.86 2.78 0.00	49.91 2.96 0.00	55.87 3.11 0.00	58.57 3.16 0.00	58.30 3.14 0.00	49.76 2.68 0.00	42.55 2.18 0.00	35.91 1.77 0.00
CRICKET__VALLEY_CC3 323758	40.24 1.62 0.00	31.78 1.48 0.00	31.70 1.42 0.00	30.75 1.35 0.00	31.91 1.34 0.00	35.62 1.54 0.00	46.06 2.07 0.00	49.36 2.44 0.00	46.64 2.60 0.00	40.65 2.26 0.00	39.32 2.26 0.00	38.56 2.25 0.00	37.69 2.24 0.00	38.05 2.36 0.00	39.26 2.33 -2.16	39.93 2.46 -0.22	44.86 2.78 0.00	49.91 2.96 0.00	55.87 3.11 0.00	58.57 3.16 0.00	58.30 3.14 0.00	49.76 2.68 0.00	42.55 2.18 0.00	35.91 1.77 0.00
CRUCIBLE_METL_DRP 24180	38.34 -0.27 0.00	29.90 -0.39 0.00	29.86 -0.42 0.00	28.99 -0.41 0.00	30.20 -0.37 0.00	33.71 -0.37 0.00	43.51 -0.48 0.00	46.40 -0.52 0.00	43.47 -0.57 0.00	38.00 -0.38 0.00	36.69 -0.37 0.00	35.91 -0.40 0.00	35.07 -0.39 0.00	35.23 -0.46 0.00	34.21 -0.56 0.00	36.74 -0.52 0.00	41.41 -0.67 0.00	46.20 -0.75 0.00	52.02 -0.74 0.00	54.86 -0.55 0.00	54.39 -0.77 0.00	46.41 -0.66 0.00	39.80 -0.57 0.00	33.76 -0.38 0.00
DAHOWA__HYDRO 323763	40.00 1.39 0.00	31.54 1.24 0.00	31.52 1.24 0.00	30.57 1.18 0.00	31.82 1.25 0.00	35.48 1.40 0.00	45.97 1.98 0.00	48.98 2.06 0.00	45.67 1.63 0.00	39.50 1.11 0.00	38.17 1.11 0.00	37.51 1.20 0.00	36.56 1.10 0.00	36.87 1.18 0.00	35.82 1.18 0.14	38.52 1.27 0.01	43.68 1.60 0.00	48.83 1.88 0.00	55.08 2.32 0.00	57.57 2.16 0.00	57.70 2.54 0.00	49.29 2.21 0.00	42.10 1.73 0.00	35.50 1.37 0.00
DANC__LFGE 323619	37.77 -0.85 0.00	29.51 -0.79 0.00	29.53 -0.76 0.00	28.66 -0.73 0.00	29.92 -0.64 0.00	33.50 -0.58 0.00	43.24 -0.75 0.00	45.98 -0.94 0.00	42.94 -1.10 0.00	37.27 -1.11 0.00	35.99 -1.08 0.00	35.11 -1.20 0.00	34.22 -1.24 0.00	34.41 -1.28 0.00	33.52 -1.25 0.00	36.03 -1.23 0.00	40.73 -1.35 0.00	45.69 -1.27 0.00	51.65 -1.11 0.00	54.64 -0.78 0.00	54.50 -0.66 0.00	46.51 -0.56 0.00	39.80 -0.57 0.00	33.49 -0.65 0.00
DANSKAMMER__1 23586	40.39 1.78 0.00	31.87 1.57 0.00	31.82 1.54 0.00	30.87 1.47 0.00	32.06 1.50 0.00	35.78 1.70 0.00	46.28 2.29 0.00	49.59 2.67 0.00	46.86 2.82 0.00	40.69 2.30 0.00	39.40 2.34 0.00	38.56 2.25 0.00	37.73 2.27 0.00	38.12 2.43 0.00	39.07 2.37 -1.93	39.99 2.54 -0.19	44.98 2.90 0.00	50.10 3.15 0.00	56.14 3.38 0.00	58.96 3.55 0.00	58.64 3.48 0.00	50.04 2.97 0.00	42.75 2.38 0.00	36.12 1.98 0.00
DANSKAMMER__2 23589	40.39 1.78 0.00	31.87 1.57 0.00	31.82 1.54 0.00	30.87 1.47 0.00	32.06 1.50 0.00	35.78 1.70 0.00	46.28 2.29 0.00	49.59 2.67 0.00	46.86 2.82 0.00	40.69 2.30 0.00	39.40 2.34 0.00	38.56 2.25 0.00	37.73 2.27 0.00	38.12 2.43 0.00	39.07 2.37 -1.93	39.99 2.54 -0.19	44.98 2.90 0.00	50.10 3.15 0.00	56.14 3.38 0.00	58.96 3.55 0.00	58.64 3.48 0.00	50.04 2.97 0.00	42.75 2.38 0.00	36.12 1.98 0.00
DANSKAMMER__3 23590	40.39 1.78 0.00	31.87 1.57 0.00	31.82 1.54 0.00	30.87 1.47 0.00	32.06 1.50 0.00	35.78 1.70 0.00	46.28 2.29 0.00	49.59 2.67 0.00	46.86 2.82 0.00	40.69 2.30 0.00	39.40 2.34 0.00	38.56 2.25 0.00	37.73 2.27 0.00	38.12 2.43 0.00	39.07 2.37 -1.93	39.99 2.54 -0.19	44.98 2.90 0.00	50.10 3.15 0.00	56.14 3.38 0.00	58.96 3.55 0.00	58.64 3.48 0.00	50.04 2.97 0.00	42.75 2.38 0.00	36.12 1.98 0.00

DANSKAMMER___4 23591	40.39 1.78 0.00	31.87 1.57 0.00	31.82 1.54 0.00	30.87 1.47 0.00	32.06 1.50 0.00	35.78 1.70 0.00	46.28 2.29 0.00	49.59 2.67 0.00	46.86 2.82 0.00	40.69 2.30 0.00	39.40 2.34 0.00	38.56 2.25 0.00	37.73 2.27 0.00	38.12 2.43 0.00	39.07 2.37 -1.93	39.99 2.54 -0.19	44.98 2.90 0.00	50.10 3.15 0.00	56.14 3.38 0.00	58.96 3.55 0.00	58.64 3.48 0.00	50.04 2.97 0.00	42.75 2.38 0.00	36.12 1.98 0.00
DANSKAMMER___DIESEL 23592	40.43 1.81 0.00	31.87 1.58 0.00	31.83 1.54 0.00	30.87 1.47 0.00	32.06 1.50 0.00	35.78 1.70 0.00	46.32 2.33 0.00	49.59 2.67 0.00	46.82 2.77 0.00	40.69 2.30 0.00	39.36 2.30 0.00	38.56 2.25 0.00	37.73 2.27 0.00	38.05 2.36 0.00	39.07 2.36 -1.93	39.99 2.53 -0.19	44.98 2.90 0.00	50.10 3.15 0.00	56.14 3.38 0.00	59.40 3.99 0.00	58.64 3.48 0.00	50.04 2.97 0.00	42.75 2.38 0.00	36.08 1.95 0.00
DARBY___SOLAR 323810	39.97 1.35 0.00	31.47 1.18 0.00	31.46 1.18 0.00	30.51 1.12 0.00	31.76 1.19 0.00	35.41 1.33 0.00	45.88 1.89 0.00	48.84 1.92 0.00	45.58 1.54 0.00	39.42 1.04 0.00	38.10 1.04 0.00	37.29 0.98 0.00	36.38 0.92 0.00	36.69 1.00 0.00	35.75 1.11 0.13	38.44 1.19 0.01	43.59 1.51 0.00	48.78 1.83 0.00	54.93 2.16 0.00	57.47 2.05 0.00	57.53 2.37 0.00	49.14 2.07 0.00	42.02 1.66 0.00	35.43 1.30 0.00
DASHVILLE___HYD 23610	40.08 1.47 0.00	31.63 1.33 0.00	31.61 1.33 0.00	30.66 1.26 0.00	31.82 1.25 0.00	35.48 1.40 0.00	45.88 1.89 0.00	49.13 2.21 0.00	46.73 2.69 0.00	40.65 2.26 0.00	39.32 2.26 0.00	38.53 2.22 0.00	37.69 2.23 0.00	38.02 2.32 0.00	38.74 2.47 -1.50	40.02 2.61 -0.15	44.94 2.86 0.00	50.05 3.10 0.00	56.03 3.27 0.00	59.35 3.93 0.00	58.47 3.31 0.00	49.95 2.87 0.00	42.67 2.30 0.00	36.01 1.88 0.00
DELAWARE___LFGE 323621	39.85 1.24 0.00	31.23 0.94 0.00	31.22 0.94 0.00	30.31 0.91 0.00	31.57 1.01 0.00	35.20 1.12 0.00	45.49 1.50 0.00	48.61 1.69 0.00	45.63 1.59 0.00	39.73 1.34 0.00	38.43 1.37 0.00	37.62 1.31 0.00	36.66 1.21 0.00	36.91 1.21 0.00	36.05 1.18 -0.10	38.50 1.23 -0.01	43.47 1.39 0.00	48.55 1.60 0.00	54.56 1.79 0.00	57.63 2.22 0.00	57.09 1.93 0.00	48.77 1.69 0.00	41.78 1.41 0.00	35.30 1.16 0.00
DERFIELD_115KV_TB7 355931	38.65 0.04 0.00	30.32 0.03 0.00	30.34 0.06 0.00	29.43 0.03 0.00	30.63 0.06 0.00	34.15 0.07 0.00	44.08 0.09 0.00	47.01 0.09 0.00	44.09 0.04 0.00	38.43 0.04 0.00	37.10 0.04 0.00	36.35 0.04 0.00	35.49 0.04 0.00	35.73 0.04 0.00	34.80 0.03 0.00	37.30 0.04 0.00	42.16 0.08 0.00	47.05 0.09 0.00	52.87 0.11 0.00	55.58 0.17 0.00	55.27 0.11 0.00	47.17 0.09 0.00	40.45 0.08 0.00	34.17 0.03 0.00
DOGLEVILLE___HYD 23807	37.96 -0.66 0.00	29.84 -0.45 0.00	29.86 -0.42 0.00	29.01 -0.38 0.00	30.20 -0.37 0.00	33.74 -0.34 0.00	43.55 -0.44 0.00	46.45 -0.47 0.00	43.60 -0.44 0.00	37.89 -0.50 0.00	36.62 -0.44 0.00	35.88 -0.44 0.00	35.00 -0.46 0.00	35.23 -0.46 0.00	34.32 -0.45 0.00	36.78 -0.48 0.00	41.57 -0.50 0.00	46.39 -0.56 0.00	52.13 -0.63 0.00	54.80 -0.61 0.00	54.50 -0.66 0.00	46.51 -0.56 0.00	39.80 -0.57 0.00	33.62 -0.51 0.00
DUNKIRK___115KV_TB_200 55889	39.85 1.24 0.00	29.69 -0.61 0.00	29.25 -1.03 0.00	28.63 -0.76 0.00	29.89 -0.67 0.00	33.33 -0.75 0.00	42.50 -1.50 0.00	45.09 -1.83 0.00	42.19 -1.85 0.00	37.31 -1.07 0.00	36.03 -1.04 0.00	35.00 -1.31 0.00	34.22 -1.24 0.00	33.98 -1.71 0.00	32.96 -1.81 0.00	35.40 -1.86 0.00	39.30 -2.78 0.00	43.67 -3.29 0.00	49.49 -3.27 0.00	53.09 -2.33 0.00	52.29 -2.87 0.00	44.39 -2.68 0.00	38.59 -1.78 0.00	33.45 -0.68 0.00
DUNKIRK___1 23563	39.85 1.24 0.00	29.69 -0.61 0.00	29.25 -1.03 0.00	28.63 -0.76 0.00	29.89 -0.67 0.00	33.33 -0.75 0.00	42.50 -1.50 0.00	45.09 -1.83 0.00	42.19 -1.85 0.00	37.31 -1.07 0.00	36.03 -1.04 0.00	35.00 -1.31 0.00	34.22 -1.24 0.00	33.98 -1.71 0.00	32.96 -1.81 0.00	35.40 -1.86 0.00	39.30 -2.78 0.00	43.67 -3.29 0.00	49.49 -3.27 0.00	53.09 -2.33 0.00	52.29 -2.87 0.00	44.39 -2.68 0.00	38.59 -1.78 0.00	33.45 -0.68 0.00
DUNKIRK___2 23564	39.85 1.24 0.00	29.69 -0.61 0.00	29.25 -1.03 0.00	28.63 -0.76 0.00	29.89 -0.67 0.00	33.33 -0.75 0.00	42.50 -1.50 0.00	45.09 -1.83 0.00	42.19 -1.85 0.00	37.31 -1.07 0.00	36.03 -1.04 0.00	35.00 -1.31 0.00	34.22 -1.24 0.00	33.98 -1.71 0.00	32.96 -1.81 0.00	35.40 -1.86 0.00	39.30 -2.78 0.00	43.67 -3.29 0.00	49.49 -3.27 0.00	53.09 -2.33 0.00	52.29 -2.87 0.00	44.39 -2.68 0.00	38.59 -1.78 0.00	33.45 -0.68 0.00
DUNKIRK___3 23565	39.50 0.89 0.00	29.48 -0.82 0.00	29.07 -1.21 0.00	28.43 -0.97 0.00	29.68 -0.89 0.00	33.06 -1.02 0.00	42.14 -1.85 0.00	44.76 -2.16 0.00	41.88 -2.16 0.00	37.01 -1.38 0.00	35.77 -1.30 0.00	34.75 -1.56 0.00	33.97 -1.49 0.00	33.77 -1.93 0.00	32.79 -1.98 0.00	35.17 -2.09 0.00	39.09 -2.99 0.00	43.38 -3.57 0.00	49.23 -3.54 0.00	52.75 -2.66 0.00	51.91 -3.25 0.00	44.11 -2.97 0.00	38.35 -2.02 0.00	33.25 -0.89 0.00
DUNKIRK___4 23566	39.50 0.89 0.00	29.48 -0.82 0.00	29.07 -1.21 0.00	28.43 -0.97 0.00	29.68 -0.89 0.00	33.06 -1.02 0.00	42.14 -1.85 0.00	44.76 -2.16 0.00	41.88 -2.16 0.00	37.01 -1.38 0.00	35.77 -1.30 0.00	34.75 -1.56 0.00	33.97 -1.49 0.00	33.77 -1.93 0.00	32.79 -1.98 0.00	35.17 -2.09 0.00	39.09 -2.99 0.00	43.38 -3.57 0.00	49.23 -3.54 0.00	52.75 -2.66 0.00	51.91 -3.25 0.00	44.11 -2.97 0.00	38.35 -2.02 0.00	33.25 -0.89 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.66 2.05 0.00	32.08 1.79 0.00	32.01 1.73 0.00	31.04 1.65 0.00	32.22 1.65 0.00	35.95 1.87 0.00	46.54 2.55 0.00	49.97 3.05 0.00	47.21 3.17 0.00	41.27 2.88 0.00	39.88 2.82 0.00	39.14 2.83 0.00	38.26 2.80 0.00	38.66 2.96 0.00	39.69 2.92 -2.00	40.52 3.06 -0.20	45.53 3.45 0.00	50.57 3.62 0.00	56.61 3.85 0.00	59.79 4.38 0.00	59.02 3.86 0.00	50.32 3.25 0.00	43.03 2.66 0.00	36.29 2.15 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.28 1.66 0.00	31.75 1.45 0.00	31.70 1.42 0.00	30.75 1.35 0.00	31.94 1.38 0.00	35.65 1.57 0.00	46.10 2.11 0.00	49.41 2.49 0.00	46.64 2.60 0.00	40.65 2.26 0.00	39.29 2.22 0.00	38.53 2.22 0.00	37.66 2.20 0.00	38.02 2.32 0.00	38.89 2.29 -1.82	39.86 2.42 -0.18	44.86 2.78 0.00	49.96 3.00 0.00	55.98 3.22 0.00	59.18 3.77 0.00	58.42 3.25 0.00	49.85 2.78 0.00	42.59 2.22 0.00	35.95 1.81 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	40.66 2.05 0.00	32.20 1.91 0.00	32.10 1.82 0.00	31.19 1.79 0.00	32.22 1.65 0.00	35.89 1.81 0.00	46.41 2.42 0.00	49.92 3.00 0.00	47.26 3.22 0.00	41.34 2.96 0.00	39.95 2.89 0.00	39.29 2.98 0.00	38.40 2.94 0.00	38.80 3.11 0.00	39.86 3.09 -2.00	40.66 3.20 -0.20	45.70 3.62 0.00	50.66 3.71 0.00	56.61 3.85 0.00	59.79 4.38 0.00	58.91 3.75 0.00	50.23 3.15 0.00	42.91 2.54 0.00	36.19 2.05 0.00

E179THST_13_KV_LOAD 356214	40.82 2.20 0.00	32.29 2.00 0.00	32.19 1.91 0.00	31.28 1.88 0.00	32.31 1.74 0.00	35.99 1.91 0.00	46.59 2.60 0.00	50.11 3.19 0.00	47.43 3.39 0.00	41.54 3.15 0.00	40.14 3.08 0.00	39.47 3.16 0.00	38.58 3.12 0.00	38.98 3.28 0.00	40.03 3.27 -2.00	40.85 3.39 -0.20	45.91 3.83 0.00	50.90 3.94 0.00	56.88 4.12 0.00	60.07 4.65 0.00	59.19 4.03 0.00	50.42 3.34 0.00	43.07 2.70 0.00	36.32 2.18 0.00
EAST HAMPTON___GT 23717	41.95 3.32 -0.01	33.30 3.00 -0.01	33.23 2.94 -0.01	32.31 2.91 0.00	33.78 3.21 -0.01	37.84 3.75 -0.01	48.57 4.58 0.00	51.75 4.83 0.00	49.59 5.55 0.00	43.42 5.03 -0.01	41.56 4.48 -0.01	40.79 4.47 -0.01	39.76 4.29 -0.01	40.13 4.43 -0.01	43.72 4.28 -4.68	47.76 4.47 -6.03	51.01 5.09 -3.84	54.47 5.58 -1.93	59.05 6.28 -0.01	71.56 6.70 -9.44	72.45 6.78 -10.51	58.45 5.88 -5.49	47.33 5.37 -1.59	43.65 4.68 -4.84
EAST RIVER___6 23660	40.81 2.20 0.00	32.23 1.94 0.00	32.16 1.88 0.00	31.19 1.79 0.00	32.34 1.77 0.00	36.16 2.08 0.00	46.85 2.86 0.00	50.39 3.47 0.00	47.74 3.70 0.00	41.69 3.30 0.00	40.36 3.30 0.00	39.62 3.30 0.00	38.76 3.30 0.00	39.12 3.43 0.00	40.18 3.41 -2.00	41.04 3.58 -0.20	46.08 4.00 0.00	51.13 4.18 0.00	57.14 4.38 0.00	59.85 4.43 0.00	59.47 4.31 0.00	50.65 3.58 0.00	43.23 2.87 0.00	36.42 2.29 0.00
EAST RIVER___7 23524	40.81 2.20 0.00	32.23 1.94 0.00	32.16 1.88 0.00	31.19 1.79 0.00	32.34 1.77 0.00	36.16 2.08 0.00	46.85 2.86 0.00	50.39 3.47 0.00	47.74 3.70 0.00	41.69 3.30 0.00	40.36 3.30 0.00	39.62 3.30 0.00	38.76 3.30 0.00	39.12 3.43 0.00	40.18 3.41 -2.00	41.04 3.58 -0.20	46.08 4.00 0.00	51.13 4.18 0.00	57.14 4.38 0.00	59.85 4.43 0.00	59.47 4.31 0.00	50.65 3.58 0.00	43.23 2.87 0.00	36.42 2.29 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.58 1.97 0.00	32.02 1.73 0.00	31.95 1.67 0.00	30.95 1.56 0.00	32.15 1.59 0.00	35.89 1.81 0.00	46.46 2.46 0.00	49.83 2.91 0.00	47.08 3.04 0.00	41.15 2.76 0.00	39.77 2.71 0.00	39.04 2.72 0.00	38.15 2.69 0.00	38.55 2.86 0.00	39.57 2.82 -1.99	40.40 2.94 -0.20	45.40 3.32 0.00	50.43 3.47 0.00	56.51 3.75 0.00	59.68 4.27 0.00	58.86 3.70 0.00	50.18 3.11 0.00	42.91 2.54 0.00	36.19 2.05 0.00
EAST_HAMPTON___DIESEL 23722	41.87 3.24 -0.01	33.27 2.97 -0.01	33.17 2.88 -0.01	32.28 2.88 0.00	33.75 3.18 -0.01	37.80 3.72 -0.01	48.57 4.58 0.00	51.71 4.79 0.00	49.59 5.55 0.00	43.42 5.03 -0.01	41.56 4.48 -0.01	40.79 4.47 -0.01	39.76 4.29 -0.01	40.13 4.43 -0.01	43.72 4.28 -4.68	47.72 4.43 -6.03	50.97 5.05 -3.84	54.47 5.58 -1.93	59.00 6.22 -0.01	71.56 6.70 -9.44	72.40 6.73 -10.51	58.45 5.88 -5.49	47.33 5.37 -1.59	43.65 4.68 -4.84
EAST_POINT___SOLAR 323840	41.51 2.90 0.00	32.50 2.21 0.00	32.52 2.24 0.00	31.48 2.09 0.00	32.86 2.29 0.00	36.74 2.66 0.00	47.43 3.43 0.00	50.11 3.19 0.00	46.33 2.29 0.00	40.23 1.84 0.00	39.10 2.04 0.00	38.45 2.14 0.00	37.41 1.95 0.00	37.77 2.07 0.00	36.66 2.02 0.13	39.33 2.09 0.01	44.60 2.52 0.00	49.91 2.96 0.00	56.56 3.80 0.00	59.68 4.27 0.00	59.85 4.69 0.00	51.17 4.09 0.00	43.64 3.27 0.00	36.73 2.59 0.00
EAST_PULASKI___ESR 323781	37.73 -0.89 0.00	29.48 -0.82 0.00	29.47 -0.82 0.00	28.60 -0.79 0.00	29.83 -0.73 0.00	33.33 -0.75 0.00	43.02 -0.97 0.00	45.79 -1.13 0.00	42.81 -1.23 0.00	37.31 -1.07 0.00	36.03 -1.04 0.00	35.22 -1.09 0.00	34.36 -1.10 0.00	34.52 -1.18 0.00	33.59 -1.18 0.00	36.07 -1.19 0.00	40.73 -1.35 0.00	45.55 -1.41 0.00	51.39 -1.37 0.00	54.14 -1.27 0.00	53.95 -1.21 0.00	46.04 -1.04 0.00	39.44 -0.93 0.00	33.32 -0.82 0.00
EAST_RIVER___1 323558	40.78 2.16 0.00	32.23 1.94 0.00	32.13 1.85 0.00	31.16 1.76 0.00	32.31 1.74 0.00	36.09 2.01 0.00	46.77 2.77 0.00	50.25 3.33 0.00	47.61 3.57 0.00	41.54 3.15 0.00	40.18 3.11 0.00	39.44 3.12 0.00	38.58 3.12 0.00	38.94 3.25 0.00	40.00 3.23 -2.00	40.85 3.39 -0.20	45.87 3.79 0.00	50.90 3.94 0.00	56.93 4.17 0.00	59.62 4.21 0.00	59.24 4.08 0.00	50.56 3.48 0.00	43.15 2.78 0.00	36.39 2.25 0.00
EAST_RIVER___2 323559	40.81 2.20 0.00	32.23 1.94 0.00	32.16 1.88 0.00	31.19 1.79 0.00	32.34 1.77 0.00	36.16 2.08 0.00	46.85 2.86 0.00	50.39 3.47 0.00	47.74 3.70 0.00	41.69 3.30 0.00	40.36 3.30 0.00	39.62 3.30 0.00	38.76 3.30 0.00	39.12 3.43 0.00	40.18 3.41 -2.00	41.04 3.58 -0.20	46.08 4.00 0.00	51.13 4.18 0.00	57.14 4.38 0.00	59.85 4.43 0.00	59.47 4.31 0.00	50.65 3.58 0.00	43.23 2.87 0.00	36.42 2.29 0.00
EAST___DELAWARE_HYD 23607	40.54 1.93 0.00	31.90 1.60 0.00	31.89 1.60 0.00	30.95 1.56 0.00	32.18 1.62 0.00	35.92 1.84 0.00	46.45 2.46 0.00	49.69 2.77 0.00	46.90 2.86 0.00	40.65 2.26 0.00	39.32 2.26 0.00	38.45 2.14 0.00	37.62 2.16 0.00	37.98 2.29 0.00	38.51 2.23 -1.52	39.80 2.39 -0.15	44.86 2.78 0.00	50.10 3.15 0.00	56.14 3.38 0.00	59.18 3.77 0.00	58.75 3.58 0.00	50.18 3.11 0.00	42.83 2.46 0.00	36.22 2.08 0.00
EIGHT_POINT___WT_PWR 323820	39.74 1.12 0.00	30.08 -0.21 0.00	29.83 -0.45 0.00	29.07 -0.32 0.00	30.38 -0.18 0.00	33.94 -0.14 0.00	43.64 -0.35 0.00	46.31 -0.61 0.00	43.16 -0.88 0.00	38.04 -0.35 0.00	36.62 -0.44 0.00	35.66 -0.65 0.00	34.71 -0.75 0.00	34.59 -1.11 0.00	33.48 -1.29 0.00	35.96 -1.31 0.00	40.19 -1.89 0.00	44.84 -2.11 0.00	50.91 -1.85 0.00	53.86 -1.55 0.00	53.62 -1.54 0.00	45.76 -1.32 0.00	39.40 -0.97 0.00	33.80 -0.34 0.00
ELBRIDGE_115KV_TB2 80188	38.11 -0.50 0.00	29.72 -0.58 0.00	29.68 -0.61 0.00	28.81 -0.59 0.00	30.02 -0.55 0.00	33.50 -0.58 0.00	43.20 -0.79 0.00	46.08 -0.84 0.00	43.16 -0.88 0.00	37.70 -0.69 0.00	36.40 -0.67 0.00	35.62 -0.69 0.00	34.79 -0.67 0.00	34.95 -0.75 0.00	33.97 -0.80 0.00	36.44 -0.82 0.00	41.07 -1.01 0.00	45.83 -1.13 0.00	51.60 -1.16 0.00	54.42 -1.00 0.00	54.00 -1.16 0.00	46.09 -0.99 0.00	39.52 -0.85 0.00	33.52 -0.61 0.00
ELEC_TRO_TEK 24086	41.37 2.74 -0.02	32.64 2.33 -0.02	32.58 2.30 0.00	31.57 2.18 0.00	32.80 2.23 0.00	36.60 2.52 0.00	47.16 3.17 0.00	50.35 3.43 0.00	47.83 3.79 0.00	41.86 3.45 -0.02	40.16 3.08 -0.02	39.38 3.05 -0.02	38.53 3.05 -0.02	38.78 3.07 -0.02	44.65 3.03 -6.85	51.11 3.09 -10.76	52.49 3.45 -6.96	54.06 3.62 -3.49	56.79 4.01 -0.02	77.06 4.54 -17.10	78.16 3.97 -19.03	60.46 3.44 -9.95	46.23 2.99 -2.88	45.42 2.53 -8.76
ELLENBURG_WT_PWR 323604	38.46 -0.15 0.00	30.23 -0.06 0.00	30.31 0.03 0.00	29.43 0.03 0.00	30.50 -0.06 0.00	34.08 0.00 0.00	44.04 0.04 0.00	46.87 -0.05 0.00	44.17 0.13 0.00	38.50 0.12 0.00	37.10 0.04 0.00	36.31 0.00 0.00	35.53 0.07 0.00	35.70 0.00 0.00	34.80 0.03 0.00	37.30 0.04 0.00	42.21 0.13 0.00	47.09 0.14 0.00	52.87 0.11 0.00	55.81 0.39 0.00	55.44 0.28 0.00	47.17 0.09 0.00	40.53 0.16 0.00	34.07 -0.07 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	38.89 0.27 0.00	29.02 -1.27 0.00	28.65 -1.64 0.00	27.99 -1.41 0.00	29.22 -1.34 0.00	32.58 -1.50 0.00	41.40 -2.60 0.00	43.87 -3.05 0.00	41.14 -2.91 0.00	36.35 -2.03 0.00	35.14 -1.93 0.00	34.17 -2.14 0.00	33.44 -2.02 0.00	33.27 -2.43 0.00	32.27 -2.50 0.00	34.62 -2.65 0.00	38.46 -3.62 0.00	42.63 -4.32 0.00	48.38 -4.38 0.00	51.76 -3.66 0.00	51.02 -4.14 0.00	43.26 -3.81 0.00	37.74 -2.62 0.00	32.77 -1.37 0.00
EMPIRE_CC_1 323656	39.54 0.93 0.00	31.20 0.91 0.00	31.19 0.91 0.00	30.28 0.88 0.00	31.48 0.92 0.00	35.03 0.95 0.00	45.27 1.28 0.00	48.28 1.36 0.00	45.10 1.06 0.00	39.00 0.61 0.00	37.77 0.70 0.00	37.00 0.69 0.00	36.10 0.64 0.00	36.48 0.78 0.00	35.67 0.83 -0.07	38.09 0.82 -0.01	43.22 1.14 0.00	48.32 1.36 0.00	54.29 1.53 0.00	56.63 1.22 0.00	56.70 1.54 0.00	48.39 1.32 0.00	41.50 1.13 0.00	35.06 0.92 0.00
EMPIRE_CC_2 323658	39.54 0.93 0.00	31.20 0.91 0.00	31.19 0.91 0.00	30.28 0.88 0.00	31.48 0.92 0.00	35.03 0.95 0.00	45.27 1.28 0.00	48.28 1.36 0.00	45.10 1.06 0.00	39.00 0.61 0.00	37.77 0.70 0.00	37.00 0.69 0.00	36.10 0.64 0.00	36.48 0.78 0.00	35.67 0.83 -0.07	38.09 0.82 -0.01	43.22 1.14 0.00	48.32 1.36 0.00	54.29 1.53 0.00	56.63 1.22 0.00	56.70 1.54 0.00	48.39 1.32 0.00	41.50 1.13 0.00	35.06 0.92 0.00
ENORWICH_115KV_TB1 80156	42.17 3.55 0.00	32.81 2.51 0.00	32.86 2.57 0.00	31.90 2.50 0.00	33.47 2.90 0.00	37.62 3.54 0.00	48.74 4.75 0.00	51.94 5.02 0.00	48.49 4.45 0.00	41.77 3.38 0.00	40.36 3.30 0.00	39.18 2.87 0.00	37.98 2.52 0.00	38.02 2.32 0.00	37.00 2.16 -0.08	39.65 2.38 -0.01	44.98 2.90 0.00	50.85 3.90 0.00	57.72 4.96 0.00	61.84 6.43 0.00	61.23 6.07 0.00	52.25 5.18 0.00	44.61 4.24 0.00	37.52 3.38 0.00
ERIE_ST__34_KV_TB1-2 80199	39.12 0.50 0.00	29.14 -1.15 0.00	28.71 -1.57 0.00	28.07 -1.32 0.00	29.31 -1.25 0.00	32.68 -1.40 0.00	41.62 -2.38 0.00	44.25 -2.67 0.00	41.44 -2.60 0.00	36.62 -1.77 0.00	35.40 -1.67 0.00	34.42 -1.89 0.00	33.69 -1.77 0.00	33.45 -2.25 0.00	32.48 -2.29 0.00	34.88 -2.38 0.00	38.71 -3.37 0.00	42.96 -3.99 0.00	48.75 -4.01 0.00	52.20 -3.21 0.00	51.41 -3.75 0.00	43.64 -3.44 0.00	37.95 -2.42 0.00	32.87 -1.26 0.00
ERIE_WT_PWR 323693	39.19 0.58 0.00	29.14 -1.15 0.00	28.77 -1.51 0.00	28.13 -1.26 0.00	29.34 -1.22 0.00	32.72 -1.36 0.00	41.62 -2.38 0.00	44.11 -2.81 0.00	41.13 -2.91 0.00	36.55 -1.84 0.00	35.21 -1.85 0.00	34.35 -1.96 0.00	33.61 -1.85 0.00	33.41 -2.29 0.00	32.40 -2.37 0.00	34.80 -2.46 0.00	38.67 -3.41 0.00	42.87 -4.09 0.00	48.65 -4.12 0.00	51.15 -4.27 0.00	51.02 -4.14 0.00	43.54 -3.53 0.00	37.95 -2.42 0.00	32.94 -1.20 0.00
ESPRGFLD_115KV_TB1 80157	40.89 2.28 0.00	31.99 1.70 0.00	31.98 1.70 0.00	31.01 1.62 0.00	32.37 1.80 0.00	36.16 2.08 0.00	46.72 2.73 0.00	49.78 2.86 0.00	46.55 2.51 0.00	40.46 2.07 0.00	39.21 2.15 0.00	38.38 2.07 0.00	37.37 1.91 0.00	37.62 1.93 0.00	36.61 1.84 0.00	39.16 1.90 0.00	44.31 2.23 0.00	49.58 2.63 0.00	55.87 3.11 0.00	59.24 3.82 0.00	58.86 3.70 0.00	50.28 3.20 0.00	42.95 2.58 0.00	36.22 2.08 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.43 0.81 0.00	30.66 0.36 0.00	30.58 0.30 0.00	29.72 0.32 0.00	30.99 0.43 0.00	34.63 0.55 0.00	44.78 0.79 0.00	47.72 0.80 0.00	44.66 0.62 0.00	38.93 0.54 0.00	37.55 0.48 0.00	36.67 0.36 0.00	35.78 0.32 0.00	35.87 0.18 0.00	34.84 0.07 0.00	37.45 0.19 0.00	42.25 0.17 0.00	47.28 0.33 0.00	53.39 0.63 0.00	56.58 1.16 0.00	56.04 0.88 0.00	47.78 0.71 0.00	40.93 0.57 0.00	34.72 0.58 0.00
ETNA____115KV_TB2 80207	39.43 0.81 0.00	30.66 0.36 0.00	30.58 0.30 0.00	29.72 0.32 0.00	30.99 0.43 0.00	34.63 0.55 0.00	44.78 0.79 0.00	47.72 0.80 0.00	44.66 0.62 0.00	38.93 0.54 0.00	37.55 0.48 0.00	36.67 0.36 0.00	35.78 0.32 0.00	35.87 0.18 0.00	34.84 0.07 0.00	37.45 0.19 0.00	42.25 0.17 0.00	47.28 0.33 0.00	53.39 0.63 0.00	56.58 1.16 0.00	56.04 0.88 0.00	47.78 0.71 0.00	40.93 0.57 0.00	34.72 0.58 0.00
EUCLID____115KV_TB2 356179	38.11 -0.50 0.00	29.72 -0.58 0.00	29.68 -0.61 0.00	28.81 -0.59 0.00	30.02 -0.55 0.00	33.50 -0.58 0.00	43.20 -0.79 0.00	46.03 -0.89 0.00	43.16 -0.88 0.00	37.70 -0.69 0.00	36.43 -0.63 0.00	35.66 -0.65 0.00	34.82 -0.64 0.00	34.98 -0.71 0.00	34.01 -0.76 0.00	36.48 -0.78 0.00	41.11 -0.97 0.00	45.83 -1.13 0.00	51.60 -1.16 0.00	54.42 -1.00 0.00	54.00 -1.16 0.00	46.04 -1.04 0.00	39.48 -0.89 0.00	33.52 -0.61 0.00
E_CANADA_CAP_HY 24051	41.28 2.66 0.00	32.32 2.03 0.00	32.34 2.06 0.00	31.28 1.88 0.00	32.64 2.08 0.00	36.50 2.42 0.00	47.03 3.03 0.00	50.02 3.10 0.00	46.51 2.46 0.00	40.34 1.96 0.00	39.18 2.11 0.00	38.42 2.11 0.00	37.41 1.95 0.00	37.73 2.03 0.00	36.61 1.95 0.11	39.22 1.97 0.01	44.43 2.36 0.00	49.77 2.82 0.00	56.24 3.48 0.00	59.18 3.77 0.00	59.41 4.25 0.00	50.75 3.67 0.00	43.31 2.95 0.00	36.49 2.35 0.00
E_CANADA_MHWK_HY 24050	37.96 -0.66 0.00	29.84 -0.45 0.00	29.86 -0.42 0.00	29.01 -0.38 0.00	30.20 -0.37 0.00	33.74 -0.34 0.00	43.55 -0.44 0.00	46.45 -0.47 0.00	43.60 -0.44 0.00	37.89 -0.50 0.00	36.62 -0.44 0.00	35.88 -0.43 0.00	35.00 -0.46 0.00	35.23 -0.47 0.00	34.32 -0.45 0.00	36.78 -0.49 0.00	41.58 -0.50 0.00	46.39 -0.56 0.00	52.13 -0.63 0.00	54.75 -0.66 0.00	54.50 -0.66 0.00	46.51 -0.56 0.00	39.80 -0.57 0.00	33.63 -0.51 0.00
E_FISHKILL__LBMP 23776	40.28 1.66 0.00	31.78 1.48 0.00	31.73 1.45 0.00	30.78 1.38 0.00	31.94 1.38 0.00	35.65 1.57 0.00	46.10 2.11 0.00	49.41 2.49 0.00	46.68 2.64 0.00	40.73 2.34 0.00	39.36 2.30 0.00	38.64 2.32 0.00	37.76 2.30 0.00	38.12 2.43 0.00	39.23 2.40 -2.06	40.00 2.53 -0.20	44.94 2.86 0.00	49.96 3.00 0.00	55.98 3.22 0.00	59.13 3.71 0.00	58.36 3.20 0.00	49.80 2.73 0.00	42.59 2.22 0.00	35.95 1.81 0.00
FALCON__SEABRD_CC1 323796	39.35 0.73 0.00	30.90 0.61 0.00	31.04 0.76 0.00	30.13 0.74 0.00	31.18 0.61 0.00	34.86 0.78 0.00	45.09 1.10 0.00	47.95 1.03 0.00	45.23 1.19 0.00	39.46 1.07 0.00	37.99 0.93 0.00	37.18 0.87 0.00	36.38 0.92 0.00	36.52 0.82 0.00	35.60 0.83 0.00	38.15 0.89 0.00	43.22 1.14 0.00	48.22 1.27 0.00	54.13 1.37 0.00	57.19 1.77 0.00	56.87 1.71 0.00	48.35 1.27 0.00	41.54 1.17 0.00	34.85 0.72 0.00
FALCON__SEABRD_CC2 323797	39.35 0.73 0.00	30.90 0.61 0.00	31.04 0.76 0.00	30.13 0.74 0.00	31.18 0.61 0.00	34.86 0.78 0.00	45.09 1.10 0.00	47.95 1.03 0.00	45.23 1.19 0.00	39.46 1.07 0.00	37.99 0.93 0.00	37.18 0.87 0.00	36.38 0.92 0.00	36.52 0.82 0.00	35.60 0.83 0.00	38.15 0.89 0.00	43.22 1.14 0.00	48.22 1.27 0.00	54.13 1.37 0.00	57.19 1.77 0.00	56.87 1.71 0.00	48.35 1.27 0.00	41.54 1.17 0.00	34.85 0.72 0.00

FAR ROCKAWAY___4 23548	41.83 3.21 -0.01	33.00 2.70 -0.01	32.89 2.60 0.00	31.87 2.47 0.00	33.07 2.51 0.00	36.94 2.86 0.00	47.60 3.61 0.00	50.81 3.89 0.00	48.31 4.27 0.00	42.28 3.88 -0.01	40.56 3.48 -0.01	39.78 3.45 -0.01	38.91 3.44 -0.01	39.21 3.50 -0.01	44.24 3.41 -6.06	49.79 3.50 -9.03	51.81 3.91 -5.82	54.05 4.18 -2.92	57.42 4.64 -0.01	74.92 5.21 -14.30	75.71 4.63 -15.91	59.40 4.00 -8.32	46.29 3.51 -2.41	44.43 2.97 -7.33
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.74 2.12 0.00	32.20 1.91 0.00	32.10 1.82 0.00	31.13 1.73 0.00	32.28 1.71 0.00	36.06 1.98 0.00	46.72 2.73 0.00	50.16 3.24 0.00	47.48 3.44 0.00	41.50 3.11 0.00	40.10 3.04 0.00	39.40 3.09 0.00	38.51 3.05 0.00	38.91 3.21 0.00	39.93 3.16 -2.00	40.78 3.32 -0.20	45.82 3.75 0.00	50.85 3.90 0.00	56.88 4.12 0.00	60.01 4.60 0.00	59.19 4.03 0.00	50.46 3.39 0.00	43.11 2.75 0.00	36.36 2.22 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.78 2.16 0.00	32.20 1.91 0.00	32.13 1.85 0.00	31.13 1.73 0.00	32.31 1.74 0.00	36.09 2.01 0.00	46.72 2.73 0.00	50.20 3.28 0.00	47.48 3.44 0.00	41.50 3.11 0.00	40.10 3.04 0.00	39.40 3.09 0.00	38.51 3.05 0.00	38.91 3.21 0.00	39.93 3.16 -2.00	40.78 3.32 -0.20	45.82 3.75 0.00	50.85 3.90 0.00	56.88 4.12 0.00	60.07 4.65 0.00	59.19 4.03 0.00	50.51 3.44 0.00	43.11 2.75 0.00	36.36 2.22 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.74 2.12 0.00	32.17 1.88 0.00	32.10 1.82 0.00	31.13 1.73 0.00	32.28 1.71 0.00	36.06 1.98 0.00	46.68 2.68 0.00	50.16 3.24 0.00	47.48 3.44 0.00	41.46 3.07 0.00	40.10 3.04 0.00	39.40 3.09 0.00	38.51 3.05 0.00	38.91 3.21 0.00	39.93 3.16 -2.00	40.78 3.32 -0.20	45.78 3.70 0.00	50.80 3.85 0.00	56.82 4.06 0.00	60.01 4.60 0.00	59.19 4.03 0.00	50.46 3.39 0.00	43.11 2.75 0.00	36.32 2.18 0.00
FARRAGUT___LBMP 323566	40.74 2.12 0.00	32.17 1.88 0.00	32.10 1.82 0.00	31.10 1.71 0.00	32.28 1.71 0.00	36.02 1.94 0.00	46.68 2.68 0.00	50.11 3.19 0.00	47.43 3.39 0.00	41.42 3.03 0.00	40.07 3.00 0.00	39.36 3.05 0.00	38.47 3.01 0.00	38.87 3.18 0.00	39.89 3.13 -2.00	40.74 3.28 -0.20	45.74 3.66 0.00	50.76 3.80 0.00	56.77 4.01 0.00	59.96 4.54 0.00	59.13 3.97 0.00	50.42 3.34 0.00	43.07 2.70 0.00	36.32 2.18 0.00
FENNER___WINDPWR 24204	39.19 0.58 0.00	30.60 0.30 0.00	30.58 0.30 0.00	29.69 0.29 0.00	30.96 0.40 0.00	34.59 0.51 0.00	44.69 0.70 0.00	47.67 0.75 0.00	44.66 0.62 0.00	38.89 0.50 0.00	37.54 0.48 0.00	36.71 0.40 0.00	35.81 0.35 0.00	35.98 0.28 0.00	35.02 0.25 0.00	37.52 0.26 0.00	42.38 0.30 0.00	47.42 0.47 0.00	53.45 0.68 0.00	56.25 0.83 0.00	56.04 0.88 0.00	47.82 0.75 0.00	40.97 0.61 0.00	34.61 0.48 0.00
FIBERTEK___ENERGY 23856	38.34 -0.27 0.00	29.90 -0.39 0.00	29.86 -0.42 0.00	28.99 -0.41 0.00	30.20 -0.37 0.00	33.71 -0.37 0.00	43.51 -0.48 0.00	46.40 -0.52 0.00	43.47 -0.57 0.00	38.00 -0.38 0.00	36.69 -0.37 0.00	35.91 -0.40 0.00	35.07 -0.39 0.00	35.23 -0.46 0.00	34.21 -0.56 0.00	36.74 -0.52 0.00	41.41 -0.67 0.00	46.20 -0.75 0.00	52.02 -0.74 0.00	54.86 -0.55 0.00	54.39 -0.77 0.00	46.41 -0.66 0.00	39.80 -0.57 0.00	33.76 -0.38 0.00
FITZPATRICK___ 23598	37.53 -1.08 0.00	29.35 -0.94 0.00	29.31 -0.97 0.00	28.45 -0.94 0.00	29.62 -0.95 0.00	33.06 -1.02 0.00	42.58 -1.41 0.00	45.37 -1.55 0.00	42.50 -1.54 0.00	37.12 -1.27 0.00	35.84 -1.22 0.00	35.11 -1.20 0.00	34.29 -1.17 0.00	34.48 -1.21 0.00	33.52 -1.25 0.00	35.96 -1.31 0.00	40.57 -1.51 0.00	45.22 -1.74 0.00	50.91 -1.85 0.00	53.42 -1.99 0.00	53.18 -1.98 0.00	45.38 -1.69 0.00	38.95 -1.41 0.00	33.04 -1.09 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.47 1.85 0.00	31.90 1.61 0.00	31.86 1.57 0.00	30.90 1.50 0.00	32.09 1.53 0.00	35.82 1.74 0.00	46.37 2.38 0.00	49.64 2.72 0.00	46.82 2.77 0.00	40.73 2.34 0.00	39.36 2.30 0.00	38.60 2.29 0.00	37.76 2.30 0.00	38.09 2.39 0.00	39.12 2.40 -1.95	39.99 2.53 -0.19	45.02 2.95 0.00	50.15 3.19 0.00	56.19 3.43 0.00	59.46 4.05 0.00	58.69 3.53 0.00	50.09 3.01 0.00	42.79 2.42 0.00	36.12 1.98 0.00
FORT ORANGE___ 23900	39.19 0.58 0.00	30.93 0.64 0.00	30.95 0.67 0.00	30.01 0.62 0.00	31.21 0.64 0.00	34.73 0.65 0.00	44.87 0.88 0.00	47.86 0.94 0.00	44.70 0.66 0.00	38.69 0.31 0.00	37.43 0.37 0.00	36.60 0.29 0.00	35.71 0.25 0.00	36.09 0.39 0.00	35.26 0.55 0.07	37.81 0.56 0.01	42.79 0.71 0.00	47.80 0.85 0.00	53.71 0.95 0.00	56.13 0.72 0.00	56.10 0.94 0.00	47.92 0.85 0.00	41.13 0.77 0.00	34.75 0.62 0.00
FORT_DRUM_COGEN 23780	37.92 -0.70 0.00	29.69 -0.61 0.00	29.71 -0.58 0.00	28.84 -0.56 0.00	30.14 -0.43 0.00	33.84 -0.24 0.00	43.68 -0.31 0.00	46.40 -0.52 0.00	43.25 -0.79 0.00	37.35 -1.04 0.00	36.10 -0.96 0.00	35.15 -1.16 0.00	34.22 -1.24 0.00	34.38 -1.32 0.00	33.55 -1.22 0.00	36.11 -1.16 0.00	40.94 -1.14 0.00	46.01 -0.94 0.00	52.13 -0.63 0.00	55.53 0.11 0.00	55.38 0.22 0.00	47.22 0.14 0.00	40.37 0.00 0.00	33.86 -0.27 0.00
FOX_HILLS___ESR 323835	50.68 2.28 -9.79	48.34 2.15 -15.89	48.44 1.97 -16.19	31.28 1.88 0.00	47.85 1.83 -15.46	48.46 1.98 -12.40	51.73 2.55 -5.18	55.08 3.10 -5.07	52.82 3.35 -5.43	52.88 3.07 -11.42	52.62 3.04 -12.51	52.33 3.09 -12.93	52.36 3.08 -13.82	52.40 3.25 -13.45	52.32 3.23 -14.32	52.55 3.39 -11.90	54.70 3.83 -8.79	50.94 3.99 0.00	56.88 4.12 0.00	60.13 4.71 -0.01	59.24 4.08 0.00	57.16 3.34 -6.74	51.67 2.75 -8.55	50.31 2.29 -13.89
FPL_FAR_ROCK_GT1 24212	41.80 3.17 -0.01	33.00 2.70 -0.01	32.89 2.60 -0.01	31.87 2.47 0.00	33.08 2.51 -0.01	36.95 2.86 -0.01	47.60 3.61 0.00	50.81 3.89 0.00	48.45 4.40 0.00	42.32 3.92 -0.01	40.60 3.52 -0.01	39.78 3.45 -0.01	38.91 3.44 -0.01	39.17 3.46 -0.01	44.24 3.41 -6.06	49.79 3.50 -9.03	51.81 3.91 -5.82	54.05 4.18 -2.92	57.42 4.64 -0.01	74.42 4.71 -14.30	75.71 4.63 -15.91	59.35 3.95 -8.32	46.28 3.51 -2.41	44.43 2.97 -7.33
FPL_FAR_ROCK_GT2 23815	41.80 3.17 -0.01	33.00 2.70 -0.01	32.89 2.60 -0.01	31.87 2.47 0.00	33.08 2.51 -0.01	36.95 2.86 -0.01	47.60 3.61 0.00	50.81 3.89 0.00	48.45 4.40 0.00	42.32 3.92 -0.01	40.60 3.52 -0.01	39.78 3.45 -0.01	38.91 3.44 -0.01	39.17 3.46 -0.01	44.24 3.41 -6.06	49.79 3.50 -9.03	51.81 3.91 -5.82	54.05 4.18 -2.92	57.42 4.64 -0.01	74.42 4.71 -14.30	75.71 4.63 -15.91	59.35 3.95 -8.32	46.28 3.51 -2.41	44.43 2.97 -7.33
FRANKLIN_FALL_HYD 24054	38.50 -0.12 0.00	30.23 -0.06 0.00	30.37 0.09 0.00	29.48 0.09 0.00	30.50 -0.06 0.00	34.15 0.07 0.00	44.17 0.18 0.00	46.92 0.00 0.00	44.26 0.22 0.00	38.62 0.23 0.00	37.14 0.07 0.00	36.35 0.04 0.00	35.57 0.11 0.00	35.66 -0.04 0.00	34.80 0.03 0.00	37.34 0.07 0.00	42.29 0.21 0.00	47.19 0.23 0.00	52.97 0.21 0.00	55.53 0.11 0.00	55.77 0.61 0.00	47.40 0.33 0.00	40.77 0.40 0.00	34.17 0.03 0.00

FREEPORT_EQUS_GT1 23764	41.64 3.01 -0.01	32.88 2.57 -0.01	32.77 2.48 -0.01	31.75 2.35 0.00	32.99 2.41 -0.01	36.82 2.73 -0.01	47.33 3.34 0.00	50.53 3.61 0.00	48.18 4.14 0.00	42.09 3.69 -0.01	40.34 3.26 -0.01	39.52 3.20 -0.01	38.66 3.19 -0.01	38.96 3.25 -0.01	43.56 3.20 -5.60	48.57 3.28 -8.03	50.90 3.66 -5.16	53.44 3.89 -2.59	57.15 4.38 -0.01	72.53 4.43 -12.68	73.63 4.36 -14.11	58.17 3.72 -7.38	45.81 3.31 -2.13	43.47 2.83 -6.50
FREEPORT___CT2 23818	41.64 3.01 -0.01	32.88 2.57 -0.01	32.77 2.48 -0.01	31.75 2.35 0.00	32.99 2.41 -0.01	36.82 2.73 -0.01	47.33 3.34 0.00	50.53 3.61 0.00	48.18 4.14 0.00	42.09 3.69 -0.01	40.34 3.26 -0.01	39.52 3.20 -0.01	38.66 3.19 -0.01	38.96 3.25 -0.01	43.56 3.20 -5.60	48.57 3.28 -8.03	50.90 3.66 -5.16	53.44 3.89 -2.59	57.15 4.38 -0.01	72.53 4.43 -12.68	73.63 4.36 -14.11	58.17 3.72 -7.38	45.81 3.31 -2.13	43.47 2.83 -6.50
FRESHKLS_33_KV_LOAD 356253	50.68 2.28 -9.79	48.46 2.27 -15.89	48.44 1.97 -16.19	31.31 1.91 0.00	47.89 1.86 -15.46	48.43 1.94 -12.40	51.64 2.46 -5.18	54.94 2.96 -5.06	52.68 3.22 -5.42	52.76 2.96 -11.41	52.46 2.89 -12.51	52.21 2.98 -12.92	52.25 2.98 -13.81	52.28 3.14 -13.45	52.21 3.13 -14.31	52.43 3.28 -11.89	54.57 3.70 -8.78	50.85 3.90 0.00	56.76 4.01 0.01	59.95 4.54 0.01	59.13 3.97 0.01	57.05 3.25 -6.73	51.58 2.66 -8.55	50.31 2.29 -13.89
FULTON COGEN____ 23766	37.73 -0.89 0.00	29.48 -0.82 0.00	29.43 -0.85 0.00	28.57 -0.82 0.00	29.77 -0.79 0.00	33.19 -0.89 0.00	42.85 -1.14 0.00	45.70 -1.22 0.00	42.81 -1.23 0.00	37.39 -1.00 0.00	36.10 -0.96 0.00	35.33 -0.98 0.00	34.50 -0.96 0.00	34.70 -1.00 0.00	33.69 -1.08 0.00	36.18 -1.08 0.00	40.77 -1.30 0.00	45.50 -1.46 0.00	51.23 -1.53 0.00	54.03 -1.39 0.00	53.62 -1.54 0.00	45.71 -1.37 0.00	39.20 -1.17 0.00	33.22 -0.92 0.00
FULTON___LFGE 323630	41.09 2.47 0.00	32.20 1.91 0.00	32.22 1.94 0.00	31.19 1.79 0.00	32.52 1.96 0.00	36.36 2.28 0.00	46.99 2.99 0.00	50.02 3.10 0.00	46.46 2.42 0.00	40.31 1.92 0.00	38.99 1.93 0.00	38.31 2.00 0.00	37.30 1.84 0.00	37.62 1.93 0.00	36.52 1.88 0.13	39.22 1.97 0.01	44.48 2.40 0.00	49.77 2.82 0.00	56.19 3.43 0.00	59.07 3.66 0.00	59.19 4.02 0.00	50.61 3.53 0.00	43.15 2.78 0.00	36.35 2.22 0.00
G.F.CEMENT___DRP 24184	40.12 1.51 0.00	31.57 1.27 0.00	31.58 1.30 0.00	30.63 1.23 0.00	31.88 1.31 0.00	35.58 1.50 0.00	46.15 2.16 0.00	49.17 2.25 0.00	45.80 1.76 0.00	39.69 1.31 0.00	38.32 1.26 0.00	37.80 1.49 0.00	36.84 1.38 0.00	37.16 1.46 0.00	35.98 1.36 0.15	38.70 1.45 0.01	43.89 1.81 0.00	49.07 2.11 0.00	55.29 2.53 0.00	58.19 2.77 0.00	57.86 2.70 0.00	49.52 2.45 0.00	42.27 1.90 0.00	35.60 1.47 0.00
GARDENVILLE___LBMP 24039	39.00 0.39 0.00	29.11 -1.18 0.00	28.71 -1.57 0.00	28.07 -1.32 0.00	29.28 -1.28 0.00	32.65 -1.43 0.00	41.53 -2.46 0.00	44.06 -2.86 0.00	41.27 -2.77 0.00	36.47 -1.92 0.00	35.25 -1.82 0.00	34.28 -2.03 0.00	33.54 -1.91 0.00	33.38 -2.32 0.00	32.37 -2.40 0.00	34.73 -2.53 0.00	38.59 -3.49 0.00	42.77 -4.18 0.00	48.54 -4.22 0.00	51.98 -3.44 0.00	51.19 -3.97 0.00	43.45 -3.62 0.00	37.87 -2.50 0.00	32.87 -1.26 0.00
GARDNVLA_35_KV_LD 355827	39.16 0.54 0.00	29.17 -1.12 0.00	28.77 -1.51 0.00	28.13 -1.26 0.00	29.37 -1.19 0.00	32.72 -1.36 0.00	41.62 -2.38 0.00	44.15 -2.77 0.00	41.40 -2.64 0.00	36.58 -1.80 0.00	35.36 -1.70 0.00	34.39 -1.92 0.00	33.65 -1.81 0.00	33.48 -2.21 0.00	32.48 -2.29 0.00	34.84 -2.42 0.00	38.71 -3.37 0.00	42.91 -4.04 0.00	48.70 -4.06 0.00	52.09 -3.32 0.00	51.36 -3.81 0.00	43.59 -3.48 0.00	37.99 -2.38 0.00	32.98 -1.16 0.00
GELCKHM___115KV_LOAD 80723	38.19 -0.42 0.00	29.78 -0.51 0.00	29.71 -0.58 0.00	28.84 -0.56 0.00	30.08 -0.49 0.00	33.53 -0.55 0.00	43.29 -0.70 0.00	46.12 -0.80 0.00	43.25 -0.79 0.00	37.77 -0.61 0.00	36.51 -0.56 0.00	35.73 -0.58 0.00	34.89 -0.57 0.00	35.05 -0.64 0.00	34.07 -0.70 0.00	36.59 -0.67 0.00	41.20 -0.88 0.00	45.97 -0.99 0.00	51.76 -1.00 0.00	54.53 -0.89 0.00	54.11 -1.05 0.00	46.13 -0.94 0.00	39.56 -0.81 0.00	33.59 -0.55 0.00
GENERAL___MILLS 23808	39.08 0.46 0.00	29.14 -1.15 0.00	28.74 -1.54 0.00	28.10 -1.29 0.00	29.31 -1.25 0.00	32.68 -1.40 0.00	41.57 -2.42 0.00	44.10 -2.82 0.00	41.36 -2.69 0.00	36.51 -1.88 0.00	35.28 -1.78 0.00	34.31 -2.00 0.00	33.58 -1.88 0.00	33.41 -2.28 0.00	32.41 -2.36 0.00	34.76 -2.50 0.00	38.63 -3.45 0.00	42.87 -4.08 0.00	48.59 -4.17 0.00	52.03 -3.38 0.00	51.30 -3.86 0.00	43.50 -3.58 0.00	37.91 -2.46 0.00	32.91 -1.23 0.00
GE_PLASTICS___DRP 24183	39.16 0.54 0.00	30.90 0.61 0.00	30.92 0.64 0.00	29.98 0.59 0.00	31.18 0.61 0.00	34.69 0.61 0.00	44.78 0.79 0.00	47.81 0.89 0.00	44.66 0.62 0.00	38.81 0.42 0.00	37.51 0.44 0.00	36.78 0.47 0.00	35.92 0.46 0.00	36.27 0.57 0.00	35.25 0.63 0.15	37.88 0.63 0.01	42.84 0.76 0.00	47.84 0.89 0.00	53.71 0.95 0.00	56.41 1.00 0.00	55.99 0.83 0.00	47.87 0.80 0.00	41.09 0.73 0.00	34.72 0.58 0.00
GILBOA___1 23756	39.39 0.77 0.00	30.99 0.70 0.00	31.07 0.79 0.00	30.16 0.76 0.00	31.36 0.79 0.00	34.80 0.72 0.00	44.96 0.97 0.00	48.04 1.12 0.00	45.06 1.01 0.00	39.20 0.81 0.00	37.92 0.85 0.00	37.15 0.84 0.00	36.28 0.82 0.00	36.59 0.89 0.00	35.27 0.87 0.37	38.16 0.93 0.04	43.13 1.05 0.00	48.13 1.17 0.00	53.92 1.16 0.00	56.46 1.05 0.00	56.26 1.10 0.00	48.16 1.08 0.00	41.26 0.89 0.00	34.89 0.75 0.00
GILBOA___2 23757	39.39 0.77 0.00	30.99 0.70 0.00	31.07 0.79 0.00	30.16 0.76 0.00	31.36 0.79 0.00	34.80 0.72 0.00	44.96 0.97 0.00	48.04 1.12 0.00	45.06 1.01 0.00	39.20 0.81 0.00	37.92 0.85 0.00	37.15 0.84 0.00	36.28 0.82 0.00	36.59 0.89 0.00	35.27 0.87 0.37	38.16 0.93 0.04	43.13 1.05 0.00	48.13 1.17 0.00	53.92 1.16 0.00	56.46 1.05 0.00	56.26 1.10 0.00	48.16 1.08 0.00	41.26 0.89 0.00	34.89 0.75 0.00
GILBOA___3 23758	39.39 0.77 0.00	30.99 0.70 0.00	31.07 0.79 0.00	30.16 0.76 0.00	31.36 0.79 0.00	34.80 0.72 0.00	44.96 0.97 0.00	48.04 1.12 0.00	45.06 1.01 0.00	39.20 0.81 0.00	37.92 0.85 0.00	37.15 0.84 0.00	36.28 0.82 0.00	36.59 0.89 0.00	35.27 0.87 0.37	38.16 0.93 0.04	43.13 1.05 0.00	48.13 1.17 0.00	53.92 1.16 0.00	56.46 1.05 0.00	56.26 1.10 0.00	48.16 1.08 0.00	41.26 0.89 0.00	34.89 0.75 0.00
GILBOA___4 23759	39.39 0.77 0.00	30.99 0.70 0.00	31.07 0.79 0.00	30.16 0.76 0.00	31.36 0.79 0.00	34.80 0.72 0.00	44.96 0.97 0.00	48.04 1.12 0.00	45.06 1.01 0.00	39.20 0.81 0.00	37.92 0.85 0.00	37.15 0.84 0.00	36.28 0.82 0.00	36.59 0.89 0.00	35.27 0.87 0.37	38.16 0.93 0.04	43.13 1.05 0.00	48.13 1.17 0.00	53.92 1.16 0.00	56.46 1.05 0.00	56.26 1.10 0.00	48.16 1.08 0.00	41.26 0.89 0.00	34.89 0.75 0.00

GILBOA____ 23599	39.39 0.77 0.00	30.99 0.70 0.00	31.07 0.79 0.00	30.16 0.76 0.00	31.36 0.79 0.00	34.80 0.72 0.00	44.96 0.97 0.00	48.05 1.13 0.00	45.01 0.97 0.00	39.19 0.81 0.00	37.88 0.82 0.00	37.15 0.84 0.00	36.27 0.82 0.00	36.59 0.89 0.00	35.27 0.87 0.37	38.16 0.93 0.04	43.13 1.05 0.00	48.13 1.17 0.00	53.92 1.16 0.00	56.74 1.33 0.00	56.27 1.10 0.00	48.16 1.08 0.00	41.26 0.89 0.00	34.89 0.75 0.00
GINNA____ 23603	37.11 -1.51 0.00	28.20 -2.09 0.00	28.04 -2.24 0.00	27.28 -2.12 0.00	28.49 -2.08 0.00	31.83 -2.25 0.00	40.65 -3.35 0.00	43.26 -3.66 0.00	40.52 -3.53 0.00	35.78 -2.61 0.00	34.43 -2.63 0.00	33.73 -2.58 0.00	32.91 -2.55 0.00	32.95 -2.75 0.00	31.95 -2.82 0.00	34.35 -2.91 0.00	38.46 -3.62 0.00	42.77 -4.18 0.00	48.33 -4.43 0.00	50.82 -4.60 0.00	50.70 -4.47 0.00	43.17 -3.91 0.00	37.26 -3.11 0.00	31.95 -2.19 0.00
GLEN PARK____ 23778	38.04 -0.58 0.00	29.75 -0.54 0.00	29.80 -0.49 0.00	28.90 -0.50 0.00	30.23 -0.34 0.00	33.94 -0.14 0.00	43.82 -0.18 0.00	46.54 -0.38 0.00	43.29 -0.75 0.00	37.39 -1.00 0.00	36.10 -0.96 0.00	35.15 -1.16 0.00	34.18 -1.28 0.00	34.38 -1.32 0.00	33.52 -1.25 0.00	36.11 -1.16 0.00	40.94 -1.13 0.00	46.11 -0.84 0.00	52.29 -0.48 0.00	55.69 0.28 0.00	55.60 0.44 0.00	47.45 0.37 0.00	40.53 0.16 0.00	33.93 -0.20 0.00
GLENDALE_27_KV_LOAD 356172	40.93 2.32 0.00	32.35 2.06 0.00	32.25 1.97 0.00	31.28 1.88 0.00	32.40 1.83 0.00	36.16 2.08 0.00	46.76 2.77 0.00	50.30 3.38 0.00	47.65 3.61 0.00	41.69 3.30 0.00	40.29 3.22 0.00	39.62 3.30 0.00	38.72 3.26 0.00	39.12 3.43 0.00	40.17 3.41 -2.00	41.00 3.54 -0.20	46.08 4.00 0.00	51.08 4.13 0.00	57.14 4.38 0.00	60.29 4.88 0.00	59.41 4.25 0.00	50.60 3.53 0.00	43.23 2.87 0.00	36.46 2.32 0.00
GLENWOOD_IC_1_G5 23712	41.26 2.63 -0.02	32.55 2.24 -0.02	32.46 2.18 0.00	31.45 2.06 0.00	32.67 2.11 0.00	36.47 2.39 0.00	47.07 3.08 0.00	50.39 3.47 0.00	47.79 3.74 0.00	41.82 3.42 -0.02	40.23 3.15 -0.02	39.49 3.16 -0.02	38.63 3.16 -0.02	38.96 3.25 -0.02	44.58 3.20 -6.61	50.80 3.32 -10.23	52.43 3.75 -6.61	54.21 3.94 -3.31	56.89 4.12 -0.02	76.25 4.60 -16.24	77.31 4.08 -18.07	60.01 3.48 -9.45	46.17 3.07 -2.73	45.02 2.56 -8.32
GLENWOOD_IC_2_G1 23688	40.93 2.32 0.00	32.32 2.03 0.00	32.26 1.97 -0.01	31.28 1.88 0.00	32.47 1.90 -0.01	36.24 2.15 -0.01	46.81 2.82 0.00	50.11 3.19 0.00	47.57 3.52 0.00	41.50 3.11 0.00	40.03 2.97 0.00	39.25 2.94 0.00	38.40 2.94 0.00	38.73 3.03 0.00	39.95 2.99 -2.19	40.98 3.09 -0.62	45.85 3.49 -0.28	50.76 3.66 -0.14	56.72 3.96 0.00	60.10 3.99 -0.69	59.85 3.92 -0.77	50.82 3.34 -0.40	43.31 2.82 -0.12	36.81 2.32 -0.35
GLENWOOD_IC_3_G1 23689	40.93 2.32 0.00	32.32 2.03 0.00	32.26 1.97 -0.01	31.28 1.88 0.00	32.47 1.90 -0.01	36.24 2.15 -0.01	46.81 2.82 0.00	50.11 3.19 0.00	47.57 3.52 0.00	41.50 3.11 0.00	40.03 2.97 0.00	39.25 2.94 0.00	38.40 2.94 0.00	38.73 3.03 0.00	39.95 2.99 -2.19	40.98 3.09 -0.62	45.85 3.49 -0.28	50.76 3.66 -0.14	56.72 3.96 0.00	60.10 3.99 -0.69	59.85 3.92 -0.77	50.82 3.34 -0.40	43.31 2.82 -0.12	36.81 2.32 -0.35
GLENWOOD____4 23550	41.26 2.63 -0.02	32.55 2.24 -0.02	32.46 2.18 0.00	31.45 2.06 0.00	32.67 2.11 0.00	36.47 2.39 0.00	47.07 3.08 0.00	50.39 3.47 0.00	47.79 3.74 0.00	41.82 3.42 -0.02	40.23 3.15 -0.02	39.49 3.16 -0.02	38.63 3.16 -0.02	38.96 3.25 -0.02	44.58 3.20 -6.61	50.80 3.32 -10.23	52.43 3.75 -6.61	54.21 3.94 -3.31	56.95 4.17 -0.02	76.36 4.71 -16.24	77.37 4.14 -18.07	60.05 3.53 -9.45	46.17 3.07 -2.73	45.02 2.56 -8.32
GLENWOOD____5 23614	41.26 2.63 -0.02	32.55 2.24 -0.02	32.46 2.18 0.00	31.45 2.06 0.00	32.67 2.11 0.00	36.47 2.39 0.00	47.07 3.08 0.00	50.39 3.47 0.00	47.79 3.74 0.00	41.82 3.42 -0.02	40.23 3.15 -0.02	39.49 3.16 -0.02	38.63 3.16 -0.02	38.96 3.25 -0.02	44.58 3.20 -6.61	50.80 3.32 -10.23	52.43 3.75 -6.61	54.21 3.94 -3.31	56.95 4.17 -0.02	76.36 4.71 -16.24	77.37 4.14 -18.07	60.05 3.53 -9.45	46.17 3.07 -2.73	45.02 2.56 -8.32
GLOBAL GREEN_PORT_GT1 23814	42.17 3.55 -0.01	33.45 3.15 -0.01	33.35 3.06 -0.01	32.40 3.00 0.00	33.81 3.24 -0.01	37.84 3.75 -0.01	48.57 4.58 0.00	51.71 4.79 0.00	49.55 5.50 0.00	43.38 4.99 -0.01	41.48 4.41 -0.01	40.71 4.39 -0.01	39.69 4.22 -0.01	40.09 4.39 -0.01	43.72 4.28 -4.68	47.76 4.47 -6.03	51.01 5.09 -3.84	54.47 5.58 -1.93	59.10 6.33 -0.01	71.62 6.76 -9.44	72.45 6.78 -10.51	58.40 5.84 -5.49	47.29 5.33 -1.59	43.58 4.61 -4.84
GLOBE____DSASP 323697	38.00 -0.62 0.00	28.45 -1.85 0.00	28.07 -2.21 0.00	27.46 -1.94 0.00	28.64 -1.93 0.00	31.90 -2.18 0.00	40.43 -3.56 0.00	42.70 -4.22 0.00	40.08 -3.96 0.00	35.43 -2.96 0.00	34.28 -2.78 0.00	33.37 -2.94 0.00	32.69 -2.77 0.00	32.52 -3.18 0.00	31.57 -3.20 0.00	33.83 -3.43 0.00	37.58 -4.50 0.00	41.55 -5.40 0.00	47.17 -5.59 0.00	50.37 -5.04 0.00	49.65 -5.52 0.00	42.13 -4.94 0.00	36.86 -3.51 0.00	32.12 -2.01 0.00
GOETHSLN____LBMP 323567	40.51 1.89 0.00	31.99 1.70 0.00	31.95 1.67 0.00	30.95 1.56 0.00	32.12 1.56 0.00	35.89 1.81 0.00	46.46 2.46 0.00	49.92 3.00 0.00	47.21 3.17 0.00	41.27 2.88 0.00	39.92 2.85 0.00	39.22 2.90 0.00	38.33 2.87 0.00	38.73 3.03 0.00	39.76 2.99 -2.00	40.59 3.13 -0.20	45.57 3.49 0.00	50.57 3.62 0.00	56.56 3.80 0.00	59.74 4.32 0.00	58.86 3.70 0.00	50.23 3.15 0.00	42.91 2.54 0.00	36.15 2.01 0.00
GOLAH____69_KV_TB 1_2 80279	39.08 0.46 0.00	29.54 -0.76 0.00	29.25 -1.03 0.00	28.51 -0.88 0.00	29.77 -0.79 0.00	33.30 -0.78 0.00	42.36 -1.63 0.00	45.00 -1.92 0.00	42.24 -1.81 0.00	37.12 -1.27 0.00	35.80 -1.26 0.00	34.93 -1.38 0.00	34.01 -1.45 0.00	34.02 -1.68 0.00	33.03 -1.74 0.00	35.44 -1.83 0.00	39.64 -2.44 0.00	44.04 -2.91 0.00	49.91 -2.85 0.00	53.20 -2.22 0.00	52.73 -2.43 0.00	44.72 -2.35 0.00	38.83 -1.53 0.00	33.42 -0.72 0.00
GOODYEAR_LAKE_HYD 323669	40.28 1.66 0.00	31.51 1.21 0.00	31.52 1.24 0.00	30.60 1.21 0.00	31.91 1.34 0.00	35.61 1.53 0.00	46.02 2.02 0.00	49.17 2.25 0.00	46.11 2.07 0.00	40.15 1.77 0.00	38.88 1.82 0.00	38.02 1.71 0.00	37.05 1.60 0.00	37.27 1.57 0.00	36.27 1.50 0.00	38.86 1.60 0.00	43.89 1.81 0.00	49.02 2.07 0.00	55.14 2.37 0.00	58.35 2.94 0.00	57.86 2.70 0.00	49.43 2.35 0.00	42.27 1.90 0.00	35.67 1.54 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	39.16 0.54 0.00	30.38 0.09 0.00	30.28 0.00 0.00	29.43 0.03 0.00	30.66 0.09 0.00	34.18 0.10 0.00	44.08 0.09 0.00	47.01 0.09 0.00	44.04 0.00 0.00	38.58 0.19 0.00	37.25 0.19 0.00	36.42 0.11 0.00	35.57 0.11 0.00	35.66 -0.04 0.00	34.75 -0.10 -0.08	37.23 -0.04 -0.01	41.87 -0.21 0.00	46.67 -0.28 0.00	52.60 -0.16 0.00	55.69 0.28 0.00	55.05 -0.11 0.00	46.98 -0.09 0.00	40.33 -0.04 0.00	34.31 0.17 0.00

GOUDEY___7 23579	39.16 0.54 0.00	30.38 0.09 0.00	30.28 0.00 0.00	29.43 0.03 0.00	30.66 0.09 0.00	34.18 0.10 0.00	44.08 0.09 0.00	47.01 0.09 0.00	44.04 0.00 0.00	38.58 0.19 0.00	37.25 0.19 0.00	36.42 0.11 0.00	35.57 0.11 0.00	35.66 -0.04 0.00	34.75 -0.10 -0.08	37.23 -0.04 -0.01	41.87 -0.21 0.00	46.67 -0.28 0.00	52.60 -0.16 0.00	55.69 0.28 0.00	55.05 -0.11 0.00	46.98 -0.09 0.00	40.33 -0.04 0.00	34.31 0.17 0.00
GOUDEY___8 23580	39.16 0.54 0.00	30.38 0.09 0.00	30.28 0.00 0.00	29.43 0.03 0.00	30.66 0.09 0.00	34.18 0.10 0.00	44.08 0.09 0.00	47.01 0.09 0.00	44.04 0.00 0.00	38.58 0.19 0.00	37.25 0.19 0.00	36.42 0.11 0.00	35.57 0.11 0.00	35.66 -0.04 0.00	34.75 -0.10 -0.08	37.23 -0.04 -0.01	41.87 -0.21 0.00	46.67 -0.28 0.00	52.60 -0.16 0.00	55.69 0.28 0.00	55.05 -0.11 0.00	46.98 -0.09 0.00	40.33 -0.04 0.00	34.31 0.17 0.00
GOWANUS_GT1_1 24077	50.72 2.32 -9.79	48.28 2.09 -15.89	48.47 2.00 -16.19	31.31 1.91 0.00	47.89 1.86 -15.46	48.53 2.04 -12.40	51.86 2.68 -5.18	55.27 3.28 -5.07	53.00 3.52 -5.43	53.03 3.22 -11.42	52.76 3.19 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.54 3.39 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.08 4.13 0.00	57.09 4.33 0.00	60.30 4.88 -0.01	59.41 4.25 0.00	57.35 3.53 -6.74	51.79 2.87 -8.55	50.38 2.36 -13.89
GOWANUS_GT1_2 24078	50.72 2.32 -9.79	48.28 2.09 -15.89	48.47 2.00 -16.19	31.31 1.91 0.00	47.89 1.86 -15.46	48.53 2.04 -12.40	51.86 2.68 -5.18	55.27 3.28 -5.07	53.00 3.52 -5.43	53.03 3.22 -11.42	52.76 3.19 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.54 3.39 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.08 4.13 0.00	57.09 4.33 0.00	60.30 4.88 -0.01	59.41 4.25 0.00	57.35 3.53 -6.74	51.79 2.87 -8.55	50.38 2.36 -13.89
GOWANUS_GT1_3 24079	50.72 2.32 -9.79	48.28 2.09 -15.89	48.47 2.00 -16.19	31.31 1.91 0.00	47.89 1.86 -15.46	48.53 2.04 -12.40	51.86 2.68 -5.18	55.27 3.28 -5.07	53.00 3.52 -5.43	53.03 3.22 -11.42	52.76 3.19 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.54 3.39 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.08 4.13 0.00	57.09 4.33 0.00	60.30 4.88 -0.01	59.41 4.25 0.00	57.35 3.53 -6.74	51.79 2.87 -8.55	50.38 2.36 -13.89
GOWANUS_GT1_4 24080	50.72 2.32 -9.79	48.28 2.09 -15.89	48.47 2.00 -16.19	31.31 1.91 0.00	47.89 1.86 -15.46	48.53 2.04 -12.40	51.86 2.68 -5.18	55.27 3.28 -5.07	53.00 3.52 -5.43	53.03 3.22 -11.42	52.76 3.19 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.54 3.39 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.08 4.13 0.00	57.09 4.33 0.00	60.30 4.88 -0.01	59.41 4.25 0.00	57.35 3.53 -6.74	51.79 2.87 -8.55	50.38 2.36 -13.89
GOWANUS_GT1_5 24084	50.72 2.32 -9.79	48.28 2.09 -15.89	48.47 2.00 -16.19	31.31 1.91 0.00	47.89 1.86 -15.46	48.53 2.04 -12.40	51.86 2.68 -5.18	55.27 3.28 -5.07	53.00 3.52 -5.43	53.03 3.22 -11.42	52.76 3.19 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.54 3.39 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.08 4.13 0.00	57.09 4.33 0.00	60.30 4.88 -0.01	59.41 4.25 0.00	57.35 3.53 -6.74	51.79 2.87 -8.55	50.38 2.36 -13.89
GOWANUS_GT1_6 24111	50.72 2.32 -9.79	48.28 2.09 -15.89	48.47 2.00 -16.19	31.31 1.91 0.00	47.89 1.86 -15.46	48.53 2.04 -12.40	51.86 2.68 -5.18	55.27 3.28 -5.07	53.00 3.52 -5.43	53.03 3.22 -11.42	52.76 3.19 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.54 3.39 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.08 4.13 0.00	57.09 4.33 0.00	60.30 4.88 -0.01	59.41 4.25 0.00	57.35 3.53 -6.74	51.79 2.87 -8.55	50.38 2.36 -13.89
GOWANUS_GT1_7 24112	50.72 2.32 -9.79	48.28 2.09 -15.89	48.47 2.00 -16.19	31.31 1.91 0.00	47.89 1.86 -15.46	48.53 2.04 -12.40	51.86 2.68 -5.18	55.27 3.28 -5.07	53.00 3.52 -5.43	53.03 3.22 -11.42	52.76 3.19 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.54 3.39 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.08 4.13 0.00	57.09 4.33 0.00	60.30 4.88 -0.01	59.41 4.25 0.00	57.35 3.53 -6.74	51.79 2.87 -8.55	50.38 2.36 -13.89
GOWANUS_GT1_8 24113	50.72 2.32 -9.79	48.28 2.09 -15.89	48.47 2.00 -16.19	31.31 1.91 0.00	47.89 1.86 -15.46	48.53 2.04 -12.40	51.86 2.68 -5.18	55.27 3.28 -5.07	53.00 3.52 -5.43	53.03 3.22 -11.42	52.76 3.19 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.54 3.39 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.08 4.13 0.00	57.09 4.33 0.00	60.30 4.88 -0.01	59.41 4.25 0.00	57.35 3.53 -6.74	51.79 2.87 -8.55	50.38 2.36 -13.89
GOWANUS_GT2_1 24114	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91
GOWANUS_GT2_2 24115	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91
GOWANUS_GT2_3 24116	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91
GOWANUS_GT2_4 24117	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91
GOWANUS_GT2_5 24118	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91

GOWANUS_GT2_6 24119	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91
GOWANUS_GT2_7 24120	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91
GOWANUS_GT2_8 24121	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91
GOWANUS_GT3_1 24122	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91
GOWANUS_GT3_2 24123	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91
GOWANUS_GT3_3 24124	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91
GOWANUS_GT3_4 24125	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91

GOWANUS_GT4_5 24134	50.72 2.32 -9.79	48.28 2.09 -15.89	48.47 2.00 -16.19	31.31 1.91 0.00	47.89 1.86 -15.46	48.53 2.04 -12.40	51.86 2.68 -5.18	55.27 3.28 -5.07	53.00 3.52 -5.43	53.03 3.22 -11.42	52.76 3.19 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.54 3.39 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.08 4.13 0.00	57.09 4.33 0.00	60.30 4.88 -0.01	59.41 4.25 0.00	57.35 3.53 -6.74	51.79 2.87 -8.55	50.38 2.36 -13.89
GOWANUS_GT4_6 24135	50.72 2.32 -9.79	48.28 2.09 -15.89	48.47 2.00 -16.19	31.31 1.91 0.00	47.89 1.86 -15.46	48.53 2.04 -12.40	51.86 2.68 -5.18	55.27 3.28 -5.07	53.00 3.52 -5.43	53.03 3.22 -11.42	52.76 3.19 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.54 3.39 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.08 4.13 0.00	57.09 4.33 0.00	60.30 4.88 -0.01	59.41 4.25 0.00	57.35 3.53 -6.74	51.79 2.87 -8.55	50.38 2.36 -13.89
GOWANUS_GT4_7 24136	50.72 2.32 -9.79	48.28 2.09 -15.89	48.47 2.00 -16.19	31.31 1.91 0.00	47.89 1.86 -15.46	48.53 2.04 -12.40	51.86 2.68 -5.18	55.27 3.28 -5.07	53.00 3.52 -5.43	53.03 3.22 -11.42	52.76 3.19 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.54 3.39 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.08 4.13 0.00	57.09 4.33 0.00	60.30 4.88 -0.01	59.41 4.25 0.00	57.35 3.53 -6.74	51.79 2.87 -8.55	50.38 2.36 -13.89
GOWANUS_GT4_8 24137	50.72 2.32 -9.79	48.28 2.09 -15.89	48.47 2.00 -16.19	31.31 1.91 0.00	47.89 1.86 -15.46	48.53 2.04 -12.40	51.86 2.68 -5.18	55.27 3.28 -5.07	53.00 3.52 -5.43	53.03 3.22 -11.42	52.76 3.19 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.54 3.39 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.08 4.13 0.00	57.09 4.33 0.00	60.30 4.88 -0.01	59.41 4.25 0.00	57.35 3.53 -6.74	51.79 2.87 -8.55	50.38 2.36 -13.89
GREATVRV_69_KV_BK1 356245	42.29 3.67 -0.01	33.39 3.09 -0.01	33.19 2.91 0.00	32.16 2.76 0.00	33.41 2.84 0.00	37.32 3.24 0.00	47.86 3.87 0.00	50.91 3.99 0.00	48.49 4.45 0.00	42.66 4.26 -0.01	40.78 3.71 -0.01	40.02 3.70 -0.01	39.09 3.62 -0.01	39.45 3.75 -0.01	43.21 3.69 -4.75	47.21 3.76 -6.19	50.28 4.25 -3.95	53.58 4.65 -1.98	58.00 5.22 -0.01	71.05 5.93 -9.70	71.37 5.41 -10.80	57.43 4.71 -5.65	46.16 4.16 -1.63	42.76 3.65 -4.97
GREENBSH_115KV_TB3 55895	39.04 0.42 0.00	30.81 0.51 0.00	30.83 0.55 0.00	29.90 0.50 0.00	31.09 0.52 0.00	34.59 0.51 0.00	44.65 0.66 0.00	47.72 0.80 0.00	44.53 0.48 0.00	38.66 0.27 0.00	37.36 0.30 0.00	36.57 0.25 0.00	35.71 0.25 0.00	36.05 0.36 0.00	35.17 0.52 0.12	37.77 0.52 0.01	42.71 0.63 0.00	47.70 0.75 0.00	53.55 0.79 0.00	56.19 0.78 0.00	55.82 0.66 0.00	47.73 0.66 0.00	40.97 0.61 0.00	34.61 0.48 0.00
GREENDGE_115KV_TB5 80291	39.27 0.66 0.00	30.11 -0.18 0.00	29.95 -0.33 0.00	29.13 -0.26 0.00	30.44 -0.12 0.00	34.01 -0.07 0.00	43.86 -0.13 0.00	46.69 -0.23 0.00	43.51 -0.53 0.00	38.08 -0.31 0.00	36.69 -0.37 0.00	35.80 -0.51 0.00	34.89 -0.57 0.00	34.91 -0.79 0.00	33.87 -0.90 0.00	36.40 -0.86 0.00	40.90 -1.18 0.00	45.64 -1.31 0.00	51.18 -1.58 0.00	54.42 -1.00 0.00	53.78 -1.38 0.00	46.23 -0.85 0.00	39.76 -0.61 0.00	33.97 -0.17 0.00
GREENIDGE___3 23582	39.27 0.66 0.00	30.11 -0.18 0.00	29.95 -0.33 0.00	29.13 -0.26 0.00	30.44 -0.12 0.00	34.01 -0.07 0.00	43.86 -0.13 0.00	46.69 -0.23 0.00	43.51 -0.53 0.00	38.08 -0.31 0.00	36.69 -0.37 0.00	35.80 -0.51 0.00	34.89 -0.57 0.00	34.91 -0.79 0.00	33.87 -0.90 0.00	36.40 -0.86 0.00	40.90 -1.18 0.00	45.64 -1.31 0.00	51.18 -1.58 0.00	54.42 -1.00 0.00	53.78 -1.38 0.00	46.23 -0.85 0.00	39.76 -0.61 0.00	33.97 -0.17 0.00
GREENIDGE___4 23583	39.27 0.66 0.00	30.11 -0.18 0.00	29.95 -0.33 0.00	29.13 -0.27 0.00	30.44 -0.12 0.00	34.01 -0.07 0.00	43.86 -0.13 0.00	46.69 -0.23 0.00	43.43 -0.62 0.00	38.12 -0.27 0.00	36.66 -0.41 0.00	35.80 -0.51 0.00	34.89 -0.57 0.00	34.91 -0.79 0.00	33.87 -0.90 0.00	36.41 -0.86 0.00	40.90 -1.18 0.00	45.64 -1.31 0.00	51.18 -1.58 0.00	53.92 -1.49 0.00	53.68 -1.49 0.00	46.23 -0.85 0.00	39.76 -0.60 0.00	33.97 -0.17 0.00
GREENLWN_69_KV_BK 3 55738	41.83 3.21 -0.01	33.03 2.73 -0.01	32.89 2.60 0.00	31.90 2.50 0.00	33.10 2.54 0.00	36.98 2.90 0.00	47.56 3.56 0.00	50.67 3.75 0.00	48.23 4.18 0.00	42.31 3.92 -0.01	40.48 3.41 -0.01	39.70 3.38 -0.01	38.84 3.37 -0.01	39.13 3.43 -0.01	42.87 3.37 -4.72	46.82 3.43 -6.13	49.82 3.83 -3.92	53.00 4.08 -1.97	57.31 4.54 -0.01	70.07 5.04 -9.61	70.33 4.47 -10.70	56.58 3.91 -5.59	45.42 3.43 -1.62	42.03 2.97 -4.93
GREENWD_138_KV_38B11_REV_LBMP_J 345004	50.72 2.32 -9.79	48.28 2.09 -15.89	48.47 2.00 -16.19	31.31 1.91 0.00	47.89 1.86 -15.46	48.53 2.04 -12.40	51.86 2.68 -5.18	55.27 3.28 -5.07	53.00 3.52 -5.43	53.03 3.22 -11.42	52.76 3.19 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.54 3.39 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.08 4.13 0.00	57.09 4.33 0.00	60.30 4.88 -0.01	59.41 4.25 0.00	57.35 3.53 -6.74	51.79 2.87 -8.55	50.38 2.36 -13.89
GRISSOM___SOLAR 323813	40.89 2.28 0.00	32.08 1.79 0.00	32.10 1.82 0.00	31.10 1.70 0.00	32.40 1.83 0.00	36.19 2.11 0.00	46.81 2.82 0.00	49.83 2.91 0.00	46.38 2.33 0.00	40.19 1.80 0.00	38.88 1.82 0.00	38.16 1.85 0.00	37.20 1.74 0.00	37.52 1.82 0.00	36.44 1.81 0.14	39.11 1.86 0.01	44.35 2.27 0.00	49.63 2.67 0.00	55.98 3.22 0.00	58.80 3.38 0.00	58.91 3.75 0.00	50.32 3.25 0.00	42.95 2.59 0.00	36.22 2.08 0.00
GROVEVILLE___HYD 323602	40.47 1.85 0.00	31.90 1.61 0.00	31.86 1.57 0.00	30.90 1.50 0.00	32.09 1.53 0.00	35.82 1.74 0.00	46.37 2.38 0.00	49.64 2.72 0.00	46.82 2.77 0.00	40.73 2.34 0.00	39.36 2.30 0.00	38.60 2.29 0.00	37.76 2.30 0.00	38.09 2.39 0.00	39.12 2.40 -1.95	39.99 2.53 -0.19	45.02 2.95 0.00	50.15 3.19 0.00	56.19 3.43 0.00	59.46 4.05 0.00	58.69 3.53 0.00	50.09 3.01 0.00	42.79 2.42 0.00	36.12 1.98 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.34 -0.27 0.00	29.90 -0.39 0.00	29.86 -0.42 0.00	28.99 -0.41 0.00	30.20 -0.37 0.00	33.71 -0.37 0.00	43.51 -0.48 0.00	46.40 -0.52 0.00	43.47 -0.57 0.00	38.00 -0.38 0.00	36.69 -0.37 0.00	35.91 -0.40 0.00	35.07 -0.39 0.00	35.23 -0.46 0.00	34.21 -0.56 0.00	36.74 -0.52 0.00	41.41 -0.67 0.00	46.20 -0.75 0.00	52.02 -0.74 0.00	54.86 -0.55 0.00	54.39 -0.77 0.00	46.41 -0.66 0.00	39.80 -0.57 0.00	33.76 -0.38 0.00
HAMLTNNY_34_KV_TB 80303	38.42 -0.19 0.00	29.90 -0.39 0.00	29.83 -0.45 0.00	28.96 -0.44 0.00	30.20 -0.37 0.00	33.71 -0.37 0.00	43.46 -0.53 0.00	46.36 -0.56 0.00	43.43 -0.62 0.00	37.97 -0.42 0.00	36.62 -0.44 0.00	35.84 -0.47 0.00	35.00 -0.46 0.00	35.16 -0.54 0.00	34.14 -0.63 0.00	36.67 -0.60 0.00	41.32 -0.76 0.00	46.06 -0.89 0.00	51.92 -0.84 0.00	54.80 -0.61 0.00	54.33 -0.83 0.00	46.32 -0.75 0.00	39.72 -0.65 0.00	33.76 -0.38 0.00

HAMPSHIRE___PAPER_HYD 323593	37.42 -1.20 0.00	29.35 -0.94 0.00	29.43 -0.85 0.00	28.57 -0.82 0.00	29.71 -0.86 0.00	33.30 -0.78 0.00	43.02 -0.97 0.00	45.66 -1.26 0.00	42.86 -1.19 0.00	37.16 -1.23 0.00	35.84 -1.22 0.00	35.01 -1.31 0.00	34.15 -1.31 0.00	34.30 -1.39 0.00	33.48 -1.29 0.00	35.96 -1.31 0.00	40.77 -1.30 0.00	45.64 -1.31 0.00	51.44 -1.32 0.00	54.58 -0.83 0.00	54.34 -0.83 0.00	46.32 -0.75 0.00	39.84 -0.53 0.00	33.39 -0.75 0.00
HARDSCRABBLE_WT_PWR 323673	38.07 -0.54 0.00	29.96 -0.33 0.00	29.98 -0.30 0.00	29.13 -0.27 0.00	30.32 -0.25 0.00	33.84 -0.24 0.00	43.69 -0.31 0.00	46.64 -0.28 0.00	43.78 -0.26 0.00	38.08 -0.31 0.00	36.77 -0.30 0.00	36.02 -0.29 0.00	35.14 -0.32 0.00	35.37 -0.32 0.00	34.46 -0.31 0.00	36.93 -0.34 0.00	41.74 -0.34 0.00	46.58 -0.38 0.00	52.29 -0.48 0.00	54.91 -0.50 0.00	54.72 -0.44 0.00	46.70 -0.38 0.00	39.96 -0.40 0.00	33.73 -0.41 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.35 1.74 0.00	31.81 1.51 0.00	31.77 1.48 0.00	30.81 1.41 0.00	32.00 1.44 0.00	35.68 1.60 0.00	46.19 2.20 0.00	49.50 2.58 0.00	46.68 2.64 0.00	40.73 2.34 0.00	39.36 2.30 0.00	38.60 2.29 0.00	37.73 2.27 0.00	38.05 2.36 0.00	38.88 2.33 -1.78	39.93 2.50 -0.18	44.94 2.86 0.00	50.05 3.10 0.00	56.03 3.27 0.00	59.29 3.88 0.00	58.47 3.31 0.00	49.95 2.87 0.00	42.67 2.30 0.00	35.98 1.84 0.00
HARSNRAD_115KV_TB1 81005	38.46 -0.15 0.00	28.69 -1.61 0.00	28.31 -1.97 0.00	27.66 -1.73 0.00	28.88 -1.68 0.00	32.21 -1.87 0.00	40.82 -3.17 0.00	43.21 -3.71 0.00	40.56 -3.48 0.00	35.82 -2.57 0.00	34.62 -2.45 0.00	33.66 -2.65 0.00	32.94 -2.52 0.00	32.80 -2.89 0.00	31.81 -2.96 0.00	34.09 -3.17 0.00	37.91 -4.17 0.00	41.98 -4.98 0.00	47.64 -5.12 0.00	50.98 -4.43 0.00	50.31 -4.85 0.00	42.65 -4.42 0.00	37.26 -3.11 0.00	32.43 -1.71 0.00
HARZA MOOSE___RIVER 24016	38.65 0.04 0.00	30.29 0.00 0.00	30.31 0.03 0.00	29.43 0.03 0.00	30.69 0.12 0.00	34.35 0.27 0.00	44.34 0.35 0.00	47.15 0.23 0.00	44.17 0.13 0.00	38.27 -0.12 0.00	36.95 -0.11 0.00	36.09 -0.22 0.00	35.18 -0.28 0.00	35.37 -0.32 0.00	34.46 -0.31 0.00	37.07 -0.19 0.00	41.99 -0.08 0.00	47.05 0.09 0.00	53.08 0.32 0.00	56.13 0.72 0.00	55.93 0.77 0.00	47.73 0.66 0.00	40.89 0.52 0.00	34.41 0.27 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	38.31 -0.31 0.00	29.87 -0.42 0.00	29.80 -0.48 0.00	28.96 -0.44 0.00	30.17 -0.40 0.00	33.64 -0.44 0.00	43.42 -0.57 0.00	46.26 -0.66 0.00	43.38 -0.66 0.00	37.93 -0.46 0.00	36.62 -0.44 0.00	35.84 -0.47 0.00	35.00 -0.46 0.00	35.16 -0.54 0.00	34.18 -0.59 0.00	36.70 -0.56 0.00	41.32 -0.76 0.00	46.06 -0.89 0.00	51.86 -0.90 0.00	54.75 -0.66 0.00	54.28 -0.88 0.00	46.27 -0.80 0.00	39.68 -0.69 0.00	33.69 -0.44 0.00
HELLGATE_13_KV_LD 55870	40.89 2.28 0.00	32.35 2.06 0.00	32.25 1.97 0.00	31.31 1.91 0.00	32.40 1.83 0.00	36.12 2.04 0.00	46.76 2.77 0.00	50.30 3.38 0.00	47.61 3.57 0.00	41.65 3.26 0.00	40.29 3.22 0.00	39.58 3.27 0.00	38.72 3.26 0.00	39.12 3.43 0.00	40.17 3.41 -2.00	41.00 3.54 -0.20	46.03 3.96 0.00	51.04 4.08 0.00	57.09 4.33 0.00	60.24 4.82 0.00	59.35 4.19 0.00	50.60 3.53 0.00	43.19 2.83 0.00	36.42 2.29 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.89 2.28 0.00	32.35 2.06 0.00	32.25 1.97 0.00	31.31 1.91 0.00	32.40 1.83 0.00	36.12 2.04 0.00	46.76 2.77 0.00	50.30 3.38 0.00	47.61 3.57 0.00	41.65 3.26 0.00	40.29 3.22 0.00	39.58 3.27 0.00	38.72 3.26 0.00	39.12 3.43 0.00	40.17 3.41 -2.00	41.00 3.54 -0.20	46.03 3.96 0.00	51.04 4.08 0.00	57.09 4.33 0.00	60.24 4.82 0.00	59.35 4.19 0.00	50.60 3.53 0.00	43.19 2.83 0.00	36.42 2.29 0.00
HEMPSTEAD____ 23647	41.29 2.66 -0.01	32.61 2.30 -0.01	32.53 2.24 -0.01	31.51 2.12 0.00	32.71 2.14 -0.01	36.54 2.46 -0.01	47.03 3.03 0.00	50.25 3.33 0.00	47.87 3.83 0.00	41.82 3.42 -0.01	40.15 3.07 -0.01	39.34 3.01 -0.01	38.48 3.01 -0.01	38.78 3.07 -0.01	43.79 3.02 -6.00	49.29 3.13 -8.90	51.30 3.49 -5.73	53.49 3.66 -2.87	56.78 4.01 -0.01	73.54 4.04 -14.09	74.81 3.97 -15.67	58.66 3.39 -8.20	45.73 2.99 -2.37	43.92 2.56 -7.22
HICKLING___1 23621	39.54 0.93 0.00	30.29 0.00 0.00	30.10 -0.18 0.00	29.28 -0.12 0.00	30.60 0.03 0.00	34.11 0.03 0.00	43.99 0.00 0.00	46.83 -0.09 0.00	43.82 -0.22 0.00	38.50 0.12 0.00	37.21 0.15 0.00	36.28 -0.04 0.00	35.39 -0.07 0.00	35.37 -0.32 0.00	34.31 -0.52 -0.06	36.86 -0.41 -0.01	41.24 -0.84 0.00	45.97 -0.99 0.00	52.02 -0.74 0.00	55.47 0.06 0.00	54.67 -0.50 0.00	46.56 -0.52 0.00	40.09 -0.28 0.00	34.27 0.14 0.00
HICKLING___2 23622	39.54 0.93 0.00	30.29 0.00 0.00	30.10 -0.18 0.00	29.28 -0.12 0.00	30.60 0.03 0.00	34.11 0.03 0.00	43.99 0.00 0.00	46.83 -0.09 0.00	43.82 -0.22 0.00	38.50 0.12 0.00	37.21 0.15 0.00	36.28 -0.04 0.00	35.39 -0.07 0.00	35.37 -0.32 0.00	34.31 -0.52 -0.06	36.86 -0.41 -0.01	41.24 -0.84 0.00	45.97 -0.99 0.00	52.02 -0.74 0.00	55.47 0.06 0.00	54.67 -0.50 0.00	46.56 -0.52 0.00	40.09 -0.28 0.00	34.27 0.14 0.00
HIGH FALLS___HY 23754	40.43 1.81 0.00	31.87 1.58 0.00	31.83 1.54 0.00	30.87 1.47 0.00	32.06 1.50 0.00	35.82 1.74 0.00	46.32 2.33 0.00	49.64 2.72 0.00	47.08 3.04 0.00	41.00 2.61 0.00	39.62 2.56 0.00	38.82 2.51 0.00	37.98 2.52 0.00	38.30 2.61 0.00	38.89 2.57 -1.55	40.14 2.72 -0.15	45.23 3.16 0.00	50.38 3.43 0.00	56.45 3.69 0.00	59.90 4.49 0.00	59.02 3.86 0.00	50.32 3.25 0.00	42.95 2.58 0.00	36.25 2.12 0.00
HIGH_RIVER___SOLAR 323847	40.12 1.50 0.00	31.54 1.24 0.00	31.52 1.24 0.00	30.57 1.18 0.00	31.82 1.25 0.00	35.48 1.40 0.00	45.84 1.85 0.00	48.80 1.88 0.00	45.49 1.45 0.00	39.42 1.04 0.00	38.10 1.04 0.00	37.37 1.05 0.00	36.45 0.99 0.00	36.77 1.07 0.00	35.70 1.08 0.15	38.36 1.12 0.02	43.51 1.43 0.00	48.69 1.74 0.00	54.93 2.16 0.00	57.63 2.22 0.00	57.59 2.42 0.00	49.24 2.17 0.00	42.10 1.73 0.00	35.54 1.40 0.00
HILLBURN___GT 23639	40.43 1.82 0.00	31.90 1.60 0.00	31.82 1.54 0.00	30.84 1.44 0.00	32.03 1.47 0.00	35.75 1.67 0.00	46.28 2.29 0.00	49.64 2.72 0.00	46.90 2.86 0.00	40.96 2.57 0.00	39.62 2.56 0.00	38.85 2.54 0.00	37.98 2.52 0.00	38.30 2.60 0.00	39.19 2.61 -1.82	40.20 2.76 -0.18	45.19 3.11 0.00	50.24 3.29 0.00	56.24 3.48 0.00	59.01 3.60 0.00	58.70 3.53 0.00	50.09 3.02 0.00	42.79 2.42 0.00	36.08 1.94 0.00
HILLSIDE_115KV_TB1 80332	38.81 0.19 0.00	29.90 -0.39 0.00	29.71 -0.58 0.00	28.90 -0.50 0.00	30.17 -0.40 0.00	33.64 -0.44 0.00	43.38 -0.62 0.00	46.12 -0.80 0.00	43.16 -0.88 0.00	37.97 -0.42 0.00	36.66 -0.41 0.00	35.77 -0.54 0.00	34.89 -0.57 0.00	34.95 -0.75 0.00	33.97 -0.87 -0.07	36.45 -0.82 -0.01	40.82 -1.26 0.00	45.54 -1.41 0.00	51.39 -1.37 0.00	54.69 -0.72 0.00	53.95 -1.21 0.00	45.99 -1.08 0.00	39.56 -0.81 0.00	33.76 -0.38 0.00

HISHELDN_WT_PWR 323625	39.00 0.39 0.00	29.23 -1.06 0.00	28.89 -1.39 0.00	28.22 -1.18 0.00	29.44 -1.13 0.00	32.82 -1.26 0.00	41.88 -2.11 0.00	44.34 -2.58 0.00	41.35 -2.69 0.00	36.70 -1.69 0.00	35.32 -1.74 0.00	34.46 -1.85 0.00	33.69 -1.77 0.00	33.52 -2.18 0.00	32.51 -2.26 0.00	34.88 -2.39 0.00	38.84 -3.24 0.00	43.10 -3.85 0.00	48.91 -3.85 0.00	51.53 -3.88 0.00	51.41 -3.75 0.00	43.87 -3.20 0.00	38.15 -2.22 0.00	32.98 -1.16 0.00
HOLTSVILLE_IC_1 23690	41.83 3.20 -0.01	33.09 2.79 -0.01	32.92 2.63 -0.01	31.89 2.50 0.00	33.14 2.57 -0.01	36.98 2.90 -0.01	47.29 3.30 0.00	50.30 3.38 0.00	48.18 4.14 0.00	42.20 3.80 -0.01	40.37 3.30 -0.01	39.59 3.27 -0.01	38.66 3.19 -0.01	38.99 3.28 -0.01	42.68 3.23 -4.67	46.52 3.24 -6.02	49.58 3.66 -3.84	52.82 3.94 -1.92	57.20 4.43 -0.01	69.44 4.60 -9.43	70.18 4.52 -10.49	56.46 3.90 -5.49	45.55 3.59 -1.59	42.21 3.24 -4.83
HOLTSVILLE_IC_10 23699	42.06 3.44 -0.01	33.24 2.94 -0.01	33.07 2.78 -0.01	32.04 2.65 0.00	33.29 2.72 -0.01	37.19 3.10 -0.01	47.55 3.56 0.00	50.58 3.66 0.00	48.45 4.40 0.00	42.39 3.99 -0.01	40.56 3.48 -0.01	39.77 3.45 -0.01	38.84 3.37 -0.01	39.21 3.50 -0.01	42.90 3.44 -4.69	46.82 3.50 -6.06	49.94 4.00 -3.86	53.21 4.32 -1.94	57.62 4.85 -0.01	70.00 5.09 -9.49	70.74 5.02 -10.56	56.88 4.28 -5.52	45.88 3.91 -1.60	42.52 3.52 -4.86
HOLTSVILLE_IC_2 23691	41.83 3.20 -0.01	33.09 2.79 -0.01	32.92 2.63 -0.01	31.89 2.50 0.00	33.14 2.57 -0.01	36.98 2.90 -0.01	47.29 3.30 0.00	50.30 3.38 0.00	48.18 4.14 0.00	42.20 3.80 -0.01	40.37 3.30 -0.01	39.59 3.27 -0.01	38.66 3.19 -0.01	38.99 3.28 -0.01	42.68 3.23 -4.67	46.52 3.24 -6.02	49.58 3.66 -3.84	52.82 3.94 -1.92	57.20 4.43 -0.01	69.44 4.60 -9.43	70.18 4.52 -10.49	56.46 3.90 -5.49	45.55 3.59 -1.59	42.21 3.24 -4.83
HOLTSVILLE_IC_3 23692	41.83 3.20 -0.01	33.09 2.79 -0.01	32.92 2.63 -0.01	31.89 2.50 0.00	33.14 2.57 -0.01	36.98 2.90 -0.01	47.29 3.30 0.00	50.30 3.38 0.00	48.18 4.14 0.00	42.20 3.80 -0.01	40.37 3.30 -0.01	39.59 3.27 -0.01	38.66 3.19 -0.01	38.99 3.28 -0.01	42.68 3.23 -4.67	46.52 3.24 -6.02	49.58 3.66 -3.84	52.82 3.94 -1.92	57.20 4.43 -0.01	69.44 4.60 -9.43	70.18 4.52 -10.49	56.46 3.90 -5.49	45.55 3.59 -1.59	42.21 3.24 -4.83
HOLTSVILLE_IC_4 23693	41.83 3.20 -0.01	33.09 2.79 -0.01	32.92 2.63 -0.01	31.89 2.50 0.00	33.14 2.57 -0.01	36.98 2.90 -0.01	47.29 3.30 0.00	50.30 3.38 0.00	48.18 4.14 0.00	42.20 3.80 -0.01	40.37 3.30 -0.01	39.59 3.27 -0.01	38.66 3.19 -0.01	38.99 3.28 -0.01	42.68 3.23 -4.67	46.52 3.24 -6.02	49.58 3.66 -3.84	52.82 3.94 -1.92	57.20 4.43 -0.01	69.44 4.60 -9.43	70.18 4.52 -10.49	56.46 3.90 -5.49	45.55 3.59 -1.59	42.21 3.24 -4.83
HOLTSVILLE_IC_5 23694	41.83 3.20 -0.01	33.09 2.79 -0.01	32.92 2.63 -0.01	31.89 2.50 0.00	33.14 2.57 -0.01	36.98 2.90 -0.01	47.29 3.30 0.00	50.30 3.38 0.00	48.18 4.14 0.00	42.20 3.80 -0.01	40.37 3.30 -0.01	39.59 3.27 -0.01	38.66 3.19 -0.01	38.99 3.28 -0.01	42.68 3.23 -4.67	46.52 3.24 -6.02	49.58 3.66 -3.84	52.82 3.94 -1.92	57.20 4.43 -0.01	69.44 4.60 -9.43	70.18 4.52 -10.49	56.46 3.90 -5.49	45.55 3.59 -1.59	42.21 3.24 -4.83
HOLTSVILLE_IC_6 23695	42.06 3.44 -0.01	33.24 2.94 -0.01	33.07 2.78 -0.01	32.04 2.65 0.00	33.29 2.72 -0.01	37.19 3.10 -0.01	47.55 3.56 0.00	50.58 3.66 0.00	48.45 4.40 0.00	42.39 3.99 -0.01	40.56 3.48 -0.01	39.77 3.45 -0.01	38.84 3.37 -0.01	39.21 3.50 -0.01	42.90 3.44 -4.69	46.82 3.50 -6.06	49.94 4.00 -3.86	53.21 4.32 -1.94	57.62 4.85 -0.01	70.00 5.09 -9.49	70.74 5.02 -10.56	56.88 4.28 -5.52	45.88 3.91 -1.60	42.52 3.52 -4.86
HOLTSVILLE_IC_7 23696	42.06 3.44 -0.01	33.24 2.94 -0.01	33.07 2.78 -0.01	32.04 2.65 0.00	33.29 2.72 -0.01	37.19 3.10 -0.01	47.55 3.56 0.00	50.58 3.66 0.00	48.45 4.40 0.00	42.39 3.99 -0.01	40.56 3.48 -0.01	39.77 3.45 -0.01	38.84 3.37 -0.01	39.21 3.50 -0.01	42.90 3.44 -4.69	46.82 3.50 -6.06	49.94 4.00 -3.86	53.21 4.32 -1.94	57.62 4.85 -0.01	70.00 5.09 -9.49	70.74 5.02 -10.56	56.88 4.28 -5.52	45.88 3.91 -1.60	42.52 3.52 -4.86
HOLTSVILLE_IC_8 23697	42.06 3.44 -0.01	33.24 2.94 -0.01	33.07 2.78 -0.01	32.04 2.65 0.00	33.29 2.72 -0.01	37.19 3.10 -0.01	47.55 3.56 0.00	50.58 3.66 0.00	48.45 4.40 0.00	42.39 3.99 -0.01	40.56 3.48 -0.01	39.77 3.45 -0.01	38.84 3.37 -0.01	39.21 3.50 -0.01	42.90 3.44 -4.69	46.82 3.50 -6.06	49.94 4.00 -3.86	53.21 4.32 -1.94	57.62 4.85 -0.01	70.00 5.09 -9.49	70.74 5.02 -10.56	56.88 4.28 -5.52	45.88 3.91 -1.60	42.52 3.52 -4.86
HOLTSVILLE_IC_9 23698	42.06 3.44 -0.01	33.24 2.94 -0.01	33.07 2.78 -0.01	32.04 2.65 0.00	33.29 2.72 -0.01	37.19 3.10 -0.01	47.55 3.56 0.00	50.58 3.66 0.00	48.45 4.40 0.00	42.39 3.99 -0.01	40.56 3.48 -0.01	39.77 3.45 -0.01	38.84 3.37 -0.01	39.21 3.50 -0.01	42.90 3.44 -4.69	46.82 3.50 -6.06	49.94 4.00 -3.86	53.21 4.32 -1.94	57.62 4.85 -0.01	70.00 5.09 -9.49	70.74 5.02 -10.56	56.88 4.28 -5.52	45.88 3.91 -1.60	42.52 3.52 -4.86
HOMER_HL_115KV_TB2 355744	39.16 0.54 0.00	29.35 -0.94 0.00	28.89 -1.39 0.00	28.25 -1.15 0.00	29.53 -1.04 0.00	32.85 -1.23 0.00	42.14 -1.85 0.00	44.71 -2.21 0.00	41.75 -2.29 0.00	37.01 -1.38 0.00	35.77 -1.30 0.00	34.75 -1.56 0.00	33.93 -1.52 0.00	33.70 -2.00 0.00	32.72 -2.05 0.00	35.17 -2.09 0.00	39.05 -3.03 0.00	43.48 -3.47 0.00	49.28 -3.48 0.00	52.87 -2.55 0.00	51.91 -3.25 0.00	44.20 -2.87 0.00	38.27 -2.10 0.00	33.08 -1.06 0.00
HOWARD_WT_PWR 323690	39.77 1.16 0.00	30.11 -0.18 0.00	29.83 -0.45 0.00	29.10 -0.29 0.00	30.41 -0.15 0.00	33.98 -0.10 0.00	43.73 -0.26 0.00	46.36 -0.56 0.00	43.20 -0.84 0.00	38.08 -0.31 0.00	36.66 -0.41 0.00	35.69 -0.62 0.00	34.75 -0.71 0.00	34.63 -1.07 0.00	33.52 -1.25 0.00	35.99 -1.27 0.00	40.23 -1.85 0.00	44.89 -2.06 0.00	50.97 -1.79 0.00	53.86 -1.55 0.00	53.68 -1.49 0.00	45.76 -1.32 0.00	39.44 -0.93 0.00	33.83 -0.31 0.00
HQ_GEN_CEDARS 23644	38.34 -0.27 0.00	30.11 -0.18 0.00	30.19 -0.09 0.00	29.31 -0.09 0.00	30.35 -0.21 0.00	33.91 -0.17 0.00	43.82 -0.18 0.00	46.45 -0.47 0.00	43.87 -0.18 0.00	38.27 -0.12 0.00	36.84 -0.22 0.00	36.09 -0.22 0.00	35.28 -0.18 0.00	35.45 -0.25 0.00	34.60 -0.17 0.00	37.07 -0.19 0.00	41.95 -0.13 0.00	46.72 -0.23 0.00	52.44 -0.32 0.00	54.92 -0.50 0.00	55.11 -0.06 0.00	46.93 -0.14 0.00	40.65 0.28 0.00	34.17 0.03 0.00
HQ_GEN_CEDARS_PROXY 323590	38.35 -0.27 0.00	30.11 -0.18 0.00	30.19 -0.09 0.00	29.31 -0.09 0.00	30.35 -0.21 0.00	33.91 -0.17 0.00	43.82 -0.18 0.00	46.45 -0.47 0.00	43.87 -0.18 0.00	38.27 -0.11 0.00	36.84 -0.22 0.00	36.10 -0.22 0.00	35.28 -0.18 0.00	35.45 -0.25 0.00	34.60 -0.17 0.00	37.08 -0.19 0.00	41.95 -0.13 0.00	46.72 -0.23 0.00	52.45 -0.31 0.00	55.41 0.00 0.00	55.11 -0.06 0.00	46.93 -0.14 0.00	40.65 0.28 0.00	34.14 0.00 0.00

HQ_GEN_IMPORT 323601	38.50 -0.12 0.00	30.20 -0.09 0.00	30.22 -0.06 0.00	29.34 -0.06 0.00	30.47 -0.09 0.00	34.01 -0.07 0.00	43.90 -0.09 0.00	46.78 -0.14 0.00	44.00 -0.04 0.00	38.35 -0.04 0.00	36.99 -0.07 0.00	36.24 -0.07 0.00	35.39 -0.07 0.00	35.62 -0.07 0.00	34.70 -0.07 0.00	37.19 -0.07 0.00	42.04 -0.04 0.00	46.91 -0.05 0.00	52.71 -0.05 0.00	55.47 0.06 0.00	55.16 0.00 0.00	47.03 -0.05 0.00	40.37 0.00 0.00	34.07 -0.07 0.00
HQ_GEN_WHEEL 23651	38.50 -0.12 0.00	30.20 -0.09 0.00	30.22 -0.06 0.00	29.34 -0.06 0.00	30.47 -0.09 0.00	34.01 -0.07 0.00	43.90 -0.09 0.00	46.78 -0.14 0.00	44.00 -0.04 0.00	38.35 -0.04 0.00	36.99 -0.07 0.00	36.24 -0.07 0.00	35.39 -0.07 0.00	35.62 -0.07 0.00	34.70 -0.07 0.00	37.19 -0.07 0.00	42.04 -0.04 0.00	46.91 -0.05 0.00	52.71 -0.05 0.00	55.47 0.06 0.00	55.16 0.00 0.00	47.03 -0.05 0.00	40.37 0.00 0.00	34.07 -0.07 0.00
HUDSON AVE_GT_3 23810	40.78 2.16 0.00	32.20 1.91 0.00	32.13 1.85 0.00	31.13 1.73 0.00	32.28 1.71 0.00	36.06 1.98 0.00	46.72 2.73 0.00	50.20 3.28 0.00	47.48 3.44 0.00	41.50 3.11 0.00	40.14 3.08 0.00	39.40 3.09 0.00	38.54 3.08 0.00	38.91 3.21 0.00	39.96 3.20 -2.00	40.81 3.35 -0.20	45.82 3.75 0.00	50.85 3.90 0.00	56.88 4.12 0.00	60.07 4.65 0.00	59.19 4.03 0.00	50.51 3.44 0.00	43.11 2.75 0.00	36.36 2.22 0.00
HUDSON AVE_GT_4 23540	40.78 2.16 0.00	32.20 1.91 0.00	32.13 1.85 0.00	31.13 1.73 0.00	32.28 1.71 0.00	36.06 1.98 0.00	46.72 2.73 0.00	50.20 3.28 0.00	47.48 3.44 0.00	41.50 3.11 0.00	40.14 3.08 0.00	39.40 3.09 0.00	38.54 3.08 0.00	38.91 3.21 0.00	39.96 3.20 -2.00	40.81 3.35 -0.20	45.82 3.75 0.00	50.85 3.90 0.00	56.88 4.12 0.00	60.07 4.65 0.00	59.19 4.03 0.00	50.51 3.44 0.00	43.11 2.75 0.00	36.36 2.22 0.00
HUDSON AVE_GT_5 23657	40.78 2.16 0.00	32.20 1.91 0.00	32.13 1.85 0.00	31.13 1.73 0.00	32.28 1.71 0.00	36.06 1.98 0.00	46.72 2.73 0.00	50.20 3.28 0.00	47.48 3.44 0.00	41.50 3.11 0.00	40.14 3.08 0.00	39.40 3.09 0.00	38.54 3.08 0.00	38.91 3.21 0.00	39.96 3.20 -2.00	40.81 3.35 -0.20	45.82 3.75 0.00	50.85 3.90 0.00	56.88 4.12 0.00	60.07 4.65 0.00	59.19 4.03 0.00	50.51 3.44 0.00	43.11 2.75 0.00	36.36 2.22 0.00
HUDSON_AVE_10 24168	40.66 2.05 0.00	32.11 1.82 0.00	32.04 1.76 0.00	31.07 1.68 0.00	32.22 1.65 0.00	36.02 1.94 0.00	46.63 2.64 0.00	50.11 3.19 0.00	47.43 3.39 0.00	41.46 3.07 0.00	40.07 3.00 0.00	39.36 3.05 0.00	38.47 3.01 0.00	38.87 3.18 0.00	39.93 3.16 -2.00	40.78 3.32 -0.20	45.74 3.66 0.00	50.76 3.80 0.00	56.77 4.01 0.00	59.96 4.54 0.00	59.13 3.97 0.00	50.42 3.34 0.00	43.07 2.70 0.00	36.29 2.15 0.00
HUDSON___115KV_TB 4 355613	39.50 0.89 0.00	31.14 0.85 0.00	31.19 0.91 0.00	30.25 0.85 0.00	31.45 0.89 0.00	35.03 0.95 0.00	45.27 1.28 0.00	48.28 1.36 0.00	44.92 0.88 0.00	38.81 0.42 0.00	37.47 0.41 0.00	36.67 0.36 0.00	35.81 0.35 0.00	36.12 0.43 0.00	35.46 0.63 -0.07	37.94 0.67 -0.01	42.92 0.84 0.00	48.08 1.13 0.00	54.08 1.32 0.00	56.97 1.55 0.00	56.54 1.38 0.00	48.34 1.27 0.00	41.46 1.09 0.00	35.02 0.89 0.00
HUNTER MOUNT___DRP 323613	39.54 0.93 0.00	31.14 0.85 0.00	31.19 0.91 0.00	30.25 0.85 0.00	31.48 0.92 0.00	35.07 0.99 0.00	45.31 1.32 0.00	48.23 1.31 0.00	44.79 0.75 0.00	38.62 0.23 0.00	37.32 0.26 0.00	36.49 0.18 0.00	35.67 0.21 0.00	35.98 0.29 0.00	35.63 0.56 -0.30	37.89 0.60 -0.03	42.75 0.67 0.00	47.94 0.99 0.00	53.92 1.16 0.00	56.91 1.50 0.00	56.43 1.27 0.00	48.30 1.22 0.00	41.38 1.01 0.00	34.99 0.85 0.00
HUNTINGTON_RES_REC 323705	41.95 3.32 -0.01	33.12 2.82 -0.01	32.98 2.69 -0.01	31.93 2.53 0.00	33.17 2.60 -0.01	37.05 2.96 -0.01	47.51 3.52 0.00	50.63 3.71 0.00	48.40 4.36 0.00	42.35 3.95 -0.01	40.52 3.45 -0.01	39.73 3.41 -0.01	38.80 3.33 -0.01	39.13 3.43 -0.01	42.83 3.37 -4.69	46.79 3.47 -6.06	49.86 3.91 -3.87	53.12 4.23 -1.94	57.53 4.75 -0.01	69.79 4.88 -9.50	70.53 4.80 -10.57	56.70 4.09 -5.53	45.64 3.67 -1.60	42.25 3.24 -4.87
HUNTLEY___63 23557	39.04 0.42 0.00	29.02 -1.27 0.00	28.62 -1.67 0.00	27.99 -1.41 0.00	29.19 -1.38 0.00	32.58 -1.50 0.00	41.31 -2.68 0.00	43.78 -3.14 0.00	41.09 -2.95 0.00	36.28 -2.11 0.00	35.06 -2.00 0.00	34.10 -2.22 0.00	33.40 -2.06 0.00	33.20 -2.50 0.00	32.23 -2.54 0.00	34.54 -2.72 0.00	38.38 -3.70 0.00	42.54 -4.41 0.00	48.28 -4.48 0.00	51.65 -3.77 0.00	50.91 -4.25 0.00	43.17 -3.91 0.00	37.70 -2.66 0.00	32.77 -1.37 0.00
HUNTLEY___64 23558	39.04 0.42 0.00	29.02 -1.27 0.00	28.62 -1.67 0.00	27.99 -1.41 0.00	29.19 -1.38 0.00	32.58 -1.50 0.00	41.31 -2.68 0.00	43.78 -3.14 0.00	41.09 -2.95 0.00	36.28 -2.11 0.00	35.06 -2.00 0.00	34.10 -2.22 0.00	33.40 -2.06 0.00	33.20 -2.50 0.00	32.23 -2.54 0.00	34.54 -2.72 0.00	38.38 -3.70 0.00	42.54 -4.41 0.00	48.28 -4.48 0.00	51.65 -3.77 0.00	50.91 -4.25 0.00	43.17 -3.91 0.00	37.70 -2.66 0.00	32.77 -1.37 0.00
HUNTLEY___65 23559	39.04 0.42 0.00	29.02 -1.27 0.00	28.62 -1.67 0.00	27.99 -1.41 0.00	29.19 -1.38 0.00	32.58 -1.50 0.00	41.31 -2.68 0.00	43.78 -3.14 0.00	41.09 -2.95 0.00	36.28 -2.11 0.00	35.06 -2.00 0.00	34.10 -2.22 0.00	33.40 -2.06 0.00	33.20 -2.50 0.00	32.23 -2.54 0.00	34.54 -2.72 0.00	38.38 -3.70 0.00	42.54 -4.41 0.00	48.28 -4.48 0.00	51.65 -3.77 0.00	50.91 -4.25 0.00	43.17 -3.91 0.00	37.70 -2.66 0.00	32.77 -1.37 0.00
HUNTLEY___66 23560	39.04 0.42 0.00	29.02 -1.27 0.00	28.62 -1.67 0.00	27.99 -1.41 0.00	29.19 -1.38 0.00	32.58 -1.50 0.00	41.31 -2.68 0.00	43.78 -3.14 0.00	41.09 -2.95 0.00	36.28 -2.11 0.00	35.06 -2.00 0.00	34.10 -2.22 0.00	33.40 -2.06 0.00	33.20 -2.50 0.00	32.23 -2.54 0.00	34.54 -2.72 0.00	38.38 -3.70 0.00	42.54 -4.41 0.00	48.28 -4.48 0.00	51.65 -3.77 0.00	50.91 -4.25 0.00	43.17 -3.91 0.00	37.70 -2.66 0.00	32.77 -1.37 0.00
HUNTLEY___67 23561	38.58 -0.04 0.00	28.84 -1.45 0.00	28.46 -1.82 0.00	27.81 -1.59 0.00	29.01 -1.56 0.00	32.34 -1.74 0.00	41.09 -2.90 0.00	43.49 -3.43 0.00	40.78 -3.26 0.00	36.05 -2.34 0.00	34.84 -2.22 0.00	33.92 -2.40 0.00	33.19 -2.27 0.00	33.02 -2.68 0.00	32.06 -2.71 0.00	34.35 -2.91 0.00	38.17 -3.91 0.00	42.30 -4.65 0.00	47.96 -4.80 0.00	51.31 -4.10 0.00	50.58 -4.58 0.00	42.93 -4.14 0.00	37.46 -2.91 0.00	32.57 -1.57 0.00
HUNTLEY___68 23562	38.58 -0.04 0.00	28.84 -1.45 0.00	28.46 -1.82 0.00	27.81 -1.59 0.00	29.01 -1.56 0.00	32.34 -1.74 0.00	41.09 -2.90 0.00	43.49 -3.43 0.00	40.78 -3.26 0.00	36.05 -2.34 0.00	34.84 -2.22 0.00	33.92 -2.40 0.00	33.19 -2.27 0.00	33.02 -2.68 0.00	32.06 -2.71 0.00	34.35 -2.91 0.00	38.17 -3.91 0.00	42.30 -4.65 0.00	47.96 -4.80 0.00	51.31 -4.10 0.00	50.58 -4.58 0.00	42.93 -4.14 0.00	37.46 -2.91 0.00	32.57 -1.57 0.00

HYLAND___LFGE 323620	40.81 2.20 0.00	30.60 0.30 0.00	30.31 0.03 0.00	29.54 0.15 0.00	30.90 0.34 0.00	34.66 0.58 0.00	44.21 0.22 0.00	46.83 -0.09 0.00	43.12 -0.93 0.00	37.62 -0.77 0.00	35.95 -1.11 0.00	34.90 -1.42 0.00	34.08 -1.38 0.00	34.09 -1.61 0.00	33.10 -1.67 0.00	35.62 -1.64 0.00	40.02 -2.06 0.00	45.12 -1.83 0.00	51.71 -1.05 0.00	55.14 -0.28 0.00	55.22 0.06 0.00	46.93 -0.14 0.00	40.49 0.12 0.00	34.72 0.58 0.00
INDECK___CORINTH 23802	39.97 1.35 0.00	31.44 1.15 0.00	31.46 1.18 0.00	30.51 1.12 0.00	31.76 1.19 0.00	35.44 1.36 0.00	45.97 1.98 0.00	48.98 2.06 0.00	45.72 1.67 0.00	39.58 1.19 0.00	38.21 1.15 0.00	37.66 1.34 0.00	36.70 1.24 0.00	37.02 1.32 0.00	35.87 1.25 0.15	38.63 1.38 0.01	43.80 1.73 0.00	48.88 1.93 0.00	55.08 2.32 0.00	57.63 2.22 0.00	57.70 2.54 0.00	49.33 2.26 0.00	42.10 1.73 0.00	35.47 1.33 0.00
INDECK___ILION 23567	38.42 -0.19 0.00	30.17 -0.12 0.00	30.19 -0.09 0.00	29.31 -0.09 0.00	30.50 -0.06 0.00	34.05 -0.03 0.00	43.95 -0.04 0.00	46.92 0.00 0.00	44.00 -0.04 0.00	38.31 -0.08 0.00	36.99 -0.07 0.00	36.24 -0.07 0.00	35.35 -0.11 0.00	35.59 -0.11 0.00	34.70 -0.07 0.00	37.15 -0.11 0.00	41.99 -0.08 0.00	46.86 -0.09 0.00	52.66 -0.11 0.00	55.41 0.00 0.00	55.11 -0.06 0.00	47.03 -0.05 0.00	40.25 -0.12 0.00	34.03 -0.10 0.00
INDECK___OLEAN 23982	39.23 0.62 0.00	29.32 -0.97 0.00	28.89 -1.39 0.00	28.25 -1.15 0.00	29.53 -1.04 0.00	32.85 -1.23 0.00	42.15 -1.85 0.00	44.67 -2.25 0.00	41.62 -2.42 0.00	37.01 -1.38 0.00	35.69 -1.37 0.00	34.75 -1.56 0.00	33.90 -1.56 0.00	33.70 -2.00 0.00	32.68 -2.09 0.00	35.18 -2.09 0.00	39.05 -3.03 0.00	43.48 -3.47 0.00	49.28 -3.48 0.00	51.87 -3.55 0.00	51.74 -3.42 0.00	44.16 -2.92 0.00	38.27 -2.10 0.00	33.08 -1.06 0.00
INDECK___OSWEGO 23783	37.61 -1.00 0.00	29.41 -0.88 0.00	29.37 -0.91 0.00	28.52 -0.88 0.00	29.71 -0.86 0.00	33.16 -0.92 0.00	42.76 -1.23 0.00	45.56 -1.36 0.00	42.63 -1.41 0.00	37.24 -1.15 0.00	35.95 -1.11 0.00	35.19 -1.13 0.00	34.36 -1.10 0.00	34.55 -1.14 0.00	33.59 -1.18 0.00	36.03 -1.23 0.00	40.65 -1.43 0.00	45.36 -1.60 0.00	51.13 -1.64 0.00	53.70 -1.72 0.00	53.45 -1.71 0.00	45.61 -1.46 0.00	39.12 -1.25 0.00	33.15 -0.99 0.00
INDECK___YERKES 23781	39.16 0.54 0.00	29.05 -1.24 0.00	28.65 -1.64 0.00	28.02 -1.38 0.00	29.22 -1.34 0.00	32.62 -1.46 0.00	41.31 -2.68 0.00	43.73 -3.19 0.00	40.83 -3.21 0.00	36.31 -2.07 0.00	34.95 -2.11 0.00	34.13 -2.18 0.00	33.44 -2.02 0.00	33.23 -2.46 0.00	32.23 -2.54 0.00	34.58 -2.68 0.00	38.42 -3.66 0.00	42.54 -4.42 0.00	48.33 -4.43 0.00	50.76 -4.65 0.00	50.64 -4.52 0.00	43.21 -3.86 0.00	37.74 -2.62 0.00	32.80 -1.33 0.00
INDIAN POINT_GT_1 24139	40.43 1.81 0.00	31.90 1.61 0.00	31.83 1.54 0.00	30.87 1.47 0.00	32.03 1.47 0.00	35.75 1.67 0.00	46.28 2.29 0.00	49.64 2.72 0.00	46.91 2.86 0.00	40.96 2.57 0.00	39.58 2.52 0.00	38.85 2.54 0.00	37.98 2.52 0.00	38.34 2.64 0.00	39.37 2.64 -1.96	40.25 2.79 -0.19	45.19 3.11 0.00	50.24 3.29 0.00	56.30 3.54 0.00	59.46 4.05 0.00	58.64 3.48 0.00	50.04 2.97 0.00	42.79 2.42 0.00	36.08 1.95 0.00
INDIAN POINT_GT_2 23659	40.43 1.81 0.00	31.90 1.61 0.00	31.83 1.54 0.00	30.87 1.47 0.00	32.03 1.47 0.00	35.75 1.67 0.00	46.28 2.29 0.00	49.64 2.72 0.00	46.91 2.86 0.00	40.96 2.57 0.00	39.58 2.52 0.00	38.85 2.54 0.00	37.98 2.52 0.00	38.34 2.64 0.00	39.37 2.64 -1.96	40.25 2.79 -0.19	45.19 3.11 0.00	50.24 3.29 0.00	56.30 3.54 0.00	59.46 4.05 0.00	58.64 3.48 0.00	50.04 2.97 0.00	42.79 2.42 0.00	36.08 1.95 0.00
INDIAN POINT_GT_3 24019	40.43 1.81 0.00	31.90 1.61 0.00	31.83 1.54 0.00	30.87 1.47 0.00	32.03 1.47 0.00	35.75 1.67 0.00	46.28 2.29 0.00	49.64 2.72 0.00	46.91 2.86 0.00	40.96 2.57 0.00	39.58 2.52 0.00	38.85 2.54 0.00	37.98 2.52 0.00	38.34 2.64 0.00	39.37 2.64 -1.96	40.25 2.79 -0.19	45.19 3.11 0.00	50.24 3.29 0.00	56.30 3.54 0.00	59.46 4.05 0.00	58.64 3.48 0.00	50.04 2.97 0.00	42.79 2.42 0.00	36.08 1.95 0.00
INDIAN POINT___2 23530	40.39 1.78 0.00	31.90 1.60 0.00	31.82 1.54 0.00	30.84 1.44 0.00	32.03 1.47 0.00	35.75 1.67 0.00	46.28 2.29 0.00	49.64 2.72 0.00	46.90 2.86 0.00	40.96 2.57 0.00	39.62 2.56 0.00	38.85 2.54 0.00	37.98 2.52 0.00	38.34 2.64 0.00	39.29 2.61 -1.91	40.21 2.76 -0.19	45.19 3.11 0.00	50.24 3.29 0.00	56.24 3.48 0.00	58.96 3.55 0.00	58.64 3.48 0.00	50.04 2.97 0.00	42.75 2.38 0.00	36.08 1.94 0.00
INDIAN POINT___3 23531	40.39 1.78 0.00	31.90 1.61 0.00	31.80 1.51 0.00	30.84 1.44 0.00	32.03 1.47 0.00	35.75 1.67 0.00	46.24 2.24 0.00	49.59 2.67 0.00	46.86 2.82 0.00	40.92 2.53 0.00	39.55 2.48 0.00	38.82 2.51 0.00	37.94 2.48 0.00	38.30 2.61 0.00	39.31 2.57 -1.96	40.18 2.72 -0.20	45.15 3.07 0.00	50.19 3.24 0.00	56.19 3.43 0.00	59.40 3.99 0.00	58.58 3.42 0.00	49.99 2.92 0.00	42.75 2.38 0.00	36.05 1.91 0.00
INGHAM_C_115KV_TB7 356103	37.96 -0.66 0.00	29.84 -0.45 0.00	29.86 -0.42 0.00	29.01 -0.38 0.00	30.20 -0.37 0.00	33.74 -0.34 0.00	43.55 -0.44 0.00	46.45 -0.47 0.00	43.60 -0.44 0.00	37.89 -0.50 0.00	36.62 -0.44 0.00	35.88 -0.44 0.00	35.00 -0.46 0.00	35.23 -0.46 0.00	34.32 -0.45 0.00	36.78 -0.48 0.00	41.57 -0.50 0.00	46.39 -0.56 0.00	52.13 -0.63 0.00	54.80 -0.61 0.00	54.50 -0.66 0.00	46.51 -0.56 0.00	39.80 -0.57 0.00	33.62 -0.51 0.00
IP CORINTH___1 23988	39.97 1.35 0.00	31.44 1.15 0.00	31.46 1.18 0.00	30.51 1.12 0.00	31.76 1.19 0.00	35.44 1.36 0.00	45.97 1.98 0.00	48.98 2.06 0.00	45.67 1.63 0.00	39.58 1.19 0.00	38.21 1.15 0.00	37.66 1.34 0.00	36.70 1.24 0.00	37.02 1.32 0.00	35.87 1.25 0.15	38.63 1.38 0.01	43.80 1.73 0.00	48.88 1.93 0.00	55.08 2.32 0.00	57.96 2.55 0.00	57.64 2.48 0.00	49.33 2.26 0.00	42.10 1.74 0.00	35.47 1.33 0.00
IP___TICONDEROGA 23804	40.82 2.20 0.00	32.08 1.79 0.00	32.07 1.79 0.00	31.07 1.68 0.00	32.40 1.83 0.00	36.23 2.15 0.00	47.12 3.12 0.00	50.06 3.14 0.00	46.46 2.42 0.00	40.12 1.73 0.00	38.73 1.67 0.00	38.24 1.92 0.00	37.23 1.77 0.00	37.55 1.86 0.00	36.33 1.70 0.15	39.18 1.94 0.01	44.52 2.44 0.00	49.77 2.82 0.00	56.35 3.59 0.00	59.46 4.05 0.00	59.13 3.97 0.00	50.65 3.58 0.00	43.11 2.75 0.00	36.25 2.12 0.00
ISLIP_RES_REC 323679	42.22 3.59 -0.01	33.36 3.06 -0.01	33.20 2.91 -0.01	32.13 2.73 0.00	33.38 2.81 -0.01	37.29 3.20 -0.01	47.73 3.74 0.00	50.77 3.85 0.00	48.62 4.58 0.00	42.58 4.18 -0.01	40.74 3.67 -0.01	39.95 3.63 -0.01	39.01 3.55 -0.01	39.38 3.68 -0.01	43.09 3.62 -4.70	47.07 3.73 -6.09	50.17 4.21 -3.88	53.45 4.55 -1.95	57.95 5.17 -0.01	70.32 5.37 -9.54	71.12 5.35 -10.61	57.19 4.56 -5.55	46.13 4.16 -1.61	42.71 3.69 -4.89

JAMAICA__27_KV_LOAD 355505	40.70 2.09 0.00	32.11 1.82 0.00	32.04 1.76 0.00	31.04 1.65 0.00	32.19 1.62 0.00	36.06 1.98 0.00	46.68 2.68 0.00	50.20 3.28 0.00	47.57 3.52 0.00	41.65 3.26 0.00	40.18 3.11 0.00	39.47 3.16 0.00	38.62 3.16 0.00	38.98 3.28 0.00	40.03 3.27 -2.00	40.89 3.43 -0.20	45.87 3.79 0.00	50.90 3.94 0.00	56.93 4.17 0.00	60.12 4.71 0.00	59.30 4.14 0.00	50.46 3.39 0.00	43.11 2.75 0.00	36.36 2.22 0.00
JANIS__SOLAR 323808	40.74 2.12 0.00	31.62 1.33 0.00	31.61 1.33 0.00	30.69 1.29 0.00	32.12 1.56 0.00	36.02 1.94 0.00	46.63 2.64 0.00	49.64 2.72 0.00	46.24 2.20 0.00	40.00 1.61 0.00	38.51 1.44 0.00	37.51 1.20 0.00	36.49 1.03 0.00	36.52 0.82 0.00	35.53 0.70 -0.07	38.16 0.89 -0.01	43.26 1.18 0.00	48.69 1.74 0.00	55.35 2.58 0.00	58.63 3.21 0.00	58.36 3.20 0.00	49.85 2.78 0.00	42.59 2.22 0.00	35.94 1.81 0.00
JARVIS____ 23743	38.65 0.04 0.00	30.32 0.03 0.00	30.34 0.06 0.00	29.43 0.03 0.00	30.63 0.06 0.00	34.15 0.07 0.00	44.08 0.09 0.00	47.01 0.09 0.00	44.13 0.09 0.00	38.43 0.04 0.00	37.10 0.04 0.00	36.35 0.04 0.00	35.49 0.04 0.00	35.73 0.04 0.00	34.80 0.03 0.00	37.30 0.04 0.00	42.16 0.08 0.00	47.05 0.09 0.00	52.87 0.11 0.00	55.47 0.06 0.00	55.27 0.11 0.00	47.17 0.09 0.00	40.45 0.08 0.00	34.17 0.03 0.00
JENNISON____1 23625	41.97 3.36 0.00	32.72 2.42 0.00	32.76 2.48 0.00	31.81 2.41 0.00	33.35 2.78 0.00	37.45 3.37 0.00	48.52 4.53 0.00	51.80 4.88 0.00	48.45 4.40 0.00	41.80 3.42 0.00	40.44 3.37 0.00	39.29 2.98 0.00	38.15 2.69 0.00	38.19 2.50 0.00	37.22 2.36 -0.09	39.84 2.57 -0.01	45.19 3.11 0.00	50.90 3.94 0.00	57.62 4.85 0.00	61.57 6.15 0.00	60.95 5.79 0.00	52.06 4.99 0.00	44.45 4.08 0.00	37.38 3.24 0.00
JENNISON____2 23626	41.97 3.36 0.00	32.72 2.42 0.00	32.76 2.48 0.00	31.81 2.41 0.00	33.35 2.78 0.00	37.45 3.37 0.00	48.52 4.53 0.00	51.80 4.88 0.00	48.45 4.40 0.00	41.80 3.42 0.00	40.44 3.37 0.00	39.29 2.98 0.00	38.15 2.69 0.00	38.19 2.50 0.00	37.22 2.36 -0.09	39.84 2.57 -0.01	45.19 3.11 0.00	50.90 3.94 0.00	57.62 4.85 0.00	61.57 6.15 0.00	60.95 5.79 0.00	52.06 4.99 0.00	44.45 4.08 0.00	37.38 3.24 0.00
JERICOHO_RISE_WT_PWR 323719	38.42 -0.19 0.00	30.20 -0.09 0.00	30.28 0.00 0.00	29.43 0.03 0.00	30.47 -0.09 0.00	34.05 -0.03 0.00	43.99 0.00 0.00	46.83 -0.09 0.00	44.13 0.09 0.00	38.50 0.12 0.00	37.06 0.00 0.00	36.31 0.00 0.00	35.49 0.04 0.00	35.66 -0.04 0.00	34.80 0.03 0.00	37.30 0.04 0.00	42.21 0.13 0.00	47.05 0.09 0.00	52.81 0.05 0.00	55.75 0.33 0.00	55.38 0.22 0.00	47.12 0.05 0.00	40.53 0.16 0.00	34.03 -0.10 0.00
KATONAH__115KV_46KV_TB4 355592	40.55 1.93 0.00	31.99 1.70 0.00	31.92 1.64 0.00	30.93 1.53 0.00	32.12 1.56 0.00	35.89 1.81 0.00	46.41 2.42 0.00	49.78 2.86 0.00	47.08 3.04 0.00	41.04 2.65 0.00	39.70 2.63 0.00	38.96 2.65 0.00	38.12 2.66 0.00	38.48 2.78 0.00	39.55 2.75 -2.04	40.37 2.91 -0.20	45.40 3.32 0.00	50.38 3.43 0.00	56.56 3.80 0.00	59.63 4.21 0.00	58.86 3.70 0.00	50.28 3.20 0.00	42.99 2.62 0.00	36.19 2.05 0.00
KCE_NY_1 323755	40.08 1.47 0.00	31.57 1.27 0.00	31.55 1.27 0.00	30.60 1.21 0.00	31.85 1.28 0.00	35.51 1.43 0.00	45.93 1.93 0.00	48.98 2.06 0.00	45.72 1.67 0.00	39.58 1.19 0.00	38.28 1.22 0.00	37.55 1.24 0.00	36.63 1.17 0.00	36.98 1.28 0.00	35.92 1.29 0.14	38.63 1.38 0.01	43.80 1.73 0.00	48.92 1.97 0.00	55.08 2.32 0.00	57.57 2.16 0.00	57.65 2.48 0.00	49.24 2.17 0.00	42.14 1.77 0.00	35.54 1.40 0.00
KCE_NY_6_ESR 323823	39.19 0.58 0.00	29.14 -1.15 0.00	28.77 -1.51 0.00	28.13 -1.26 0.00	29.34 -1.22 0.00	32.72 -1.36 0.00	41.62 -2.38 0.00	44.11 -2.81 0.00	41.13 -2.91 0.00	36.55 -1.84 0.00	35.21 -1.85 0.00	34.35 -1.96 0.00	33.61 -1.85 0.00	33.41 -2.29 0.00	32.40 -2.37 0.00	34.80 -2.46 0.00	38.67 -3.41 0.00	42.87 -4.09 0.00	48.65 -4.12 0.00	51.15 -4.27 0.00	51.02 -4.14 0.00	43.54 -3.53 0.00	37.95 -2.42 0.00	32.94 -1.20 0.00
KEDC_PORT_JEFF_GT2 24210	42.06 3.44 -0.01	33.24 2.94 -0.01	33.11 2.82 -0.01	32.04 2.65 0.00	33.29 2.72 -0.01	37.19 3.10 -0.01	47.55 3.56 0.00	50.63 3.71 0.00	48.45 4.40 0.00	42.43 4.03 -0.01	40.60 3.52 -0.01	39.81 3.49 -0.01	38.87 3.40 -0.01	39.21 3.50 -0.01	42.90 3.44 -4.69	46.85 3.54 -6.05	49.93 4.00 -3.86	53.20 4.32 -1.93	57.68 4.91 -0.01	69.98 5.09 -9.47	70.72 5.02 -10.54	56.91 4.33 -5.51	45.88 3.91 -1.59	42.47 3.48 -4.85
KEDC_PORT_JEFF_GT3 24211	42.06 3.44 -0.01	33.24 2.94 -0.01	33.11 2.82 -0.01	32.04 2.65 0.00	33.29 2.72 -0.01	37.19 3.10 -0.01	47.55 3.56 0.00	50.63 3.71 0.00	48.45 4.40 0.00	42.43 4.03 -0.01	40.60 3.52 -0.01	39.81 3.49 -0.01	38.87 3.40 -0.01	39.21 3.50 -0.01	42.90 3.44 -4.69	46.85 3.54 -6.05	49.93 4.00 -3.86	53.20 4.32 -1.93	57.68 4.91 -0.01	69.98 5.09 -9.47	70.72 5.02 -10.54	56.91 4.33 -5.51	45.88 3.91 -1.59	42.47 3.48 -4.85
KEDC_GLWD_GT4 24219	41.26 2.63 -0.02	32.58 2.27 -0.02	32.47 2.18 -0.01	31.45 2.06 0.00	32.68 2.11 -0.01	36.47 2.38 -0.01	47.07 3.08 0.00	50.39 3.47 0.00	47.87 3.83 0.00	41.82 3.42 -0.02	40.27 3.19 -0.02	39.48 3.16 -0.02	38.63 3.15 -0.02	38.93 3.21 -0.02	44.58 3.20 -6.61	50.80 3.32 -10.23	52.43 3.74 -6.61	54.21 3.94 -3.31	56.90 4.12 -0.02	75.81 4.16 -16.24	77.31 4.08 -18.07	60.01 3.48 -9.45	46.17 3.07 -2.73	45.02 2.56 -8.32
KEDC_GLWD_GT5 24220	41.26 2.63 -0.02	32.58 2.27 -0.02	32.47 2.18 -0.01	31.45 2.06 0.00	32.68 2.11 -0.01	36.47 2.38 -0.01	47.07 3.08 0.00	50.39 3.47 0.00	47.87 3.83 0.00	41.82 3.42 -0.02	40.27 3.19 -0.02	39.48 3.16 -0.02	38.63 3.15 -0.02	38.93 3.21 -0.02	44.58 3.20 -6.61	50.80 3.32 -10.23	52.43 3.74 -6.61	54.21 3.94 -3.31	56.90 4.12 -0.02	75.81 4.16 -16.24	77.31 4.08 -18.07	60.01 3.48 -9.45	46.17 3.07 -2.73	45.02 2.56 -8.32
KENSICO____ 23655	40.58 1.97 0.00	32.02 1.73 0.00	31.95 1.67 0.00	30.95 1.56 0.00	32.15 1.59 0.00	35.89 1.81 0.00	46.46 2.46 0.00	49.83 2.91 0.00	47.08 3.04 0.00	41.15 2.76 0.00	39.77 2.71 0.00	39.04 2.72 0.00	38.15 2.69 0.00	38.55 2.86 0.00	39.57 2.82 -1.99	40.40 2.94 -0.20	45.40 3.32 0.00	50.43 3.47 0.00	56.51 3.75 0.00	59.68 4.27 0.00	58.86 3.70 0.00	50.18 3.11 0.00	42.91 2.54 0.00	36.19 2.05 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.43 1.81 0.00	31.84 1.54 0.00	31.80 1.51 0.00	30.84 1.44 0.00	32.06 1.50 0.00	35.78 1.70 0.00	46.32 2.33 0.00	49.55 2.63 0.00	46.91 2.86 0.00	40.81 2.42 0.00	39.44 2.37 0.00	38.64 2.32 0.00	37.80 2.34 0.00	38.12 2.43 0.00	38.74 2.40 -1.57	39.99 2.57 -0.16	45.02 2.95 0.00	50.19 3.24 0.00	56.24 3.48 0.00	59.68 4.27 0.00	58.80 3.64 0.00	50.18 3.11 0.00	42.83 2.46 0.00	36.19 2.05 0.00

KIAC_JFK_GT1 23816	40.47 1.85 0.00	31.96 1.67 0.00	31.89 1.60 0.00	30.90 1.50 0.00	32.03 1.47 0.00	35.89 1.81 0.00	46.24 2.24 0.00	49.78 2.86 0.00	47.17 3.13 0.00	41.42 3.03 0.00	39.99 2.93 0.00	39.29 2.98 0.00	38.40 2.94 0.00	38.80 3.11 0.00	39.86 3.09 -2.00	40.70 3.24 -0.20	45.45 3.37 0.00	50.47 3.52 0.00	56.45 3.69 0.00	59.63 4.21 0.00	58.75 3.59 0.00	50.04 2.97 0.00	42.75 2.38 0.00	36.19 2.05 0.00
KIAC_JFK_GT2 23817	40.47 1.85 0.00	31.96 1.67 0.00	31.89 1.60 0.00	30.90 1.50 0.00	32.03 1.47 0.00	35.89 1.81 0.00	46.24 2.24 0.00	49.78 2.86 0.00	47.17 3.13 0.00	41.42 3.03 0.00	39.99 2.93 0.00	39.29 2.98 0.00	38.40 2.94 0.00	38.80 3.11 0.00	39.86 3.09 -2.00	40.70 3.24 -0.20	45.45 3.37 0.00	50.47 3.52 0.00	56.45 3.69 0.00	59.63 4.21 0.00	58.75 3.59 0.00	50.04 2.97 0.00	42.75 2.38 0.00	36.19 2.05 0.00
KIAC_JFK____ 323774	40.43 1.82 0.00	31.96 1.67 0.00	31.89 1.60 0.00	30.90 1.50 0.00	32.03 1.47 0.00	35.89 1.81 0.00	46.23 2.24 0.00	49.78 2.86 0.00	47.22 3.17 0.00	41.42 3.03 0.00	40.03 2.97 0.00	39.29 2.98 0.00	38.40 2.94 0.00	38.77 3.07 0.00	39.86 3.09 -2.00	40.70 3.24 -0.20	45.45 3.37 0.00	50.48 3.52 0.00	56.45 3.69 0.00	59.13 3.71 0.00	58.80 3.64 0.00	50.04 2.97 0.00	42.79 2.42 0.00	36.18 2.05 0.00
KINTIGH__24_KV_GSU 356498	38.31 -0.31 0.00	28.90 -1.39 0.00	28.59 -1.70 0.00	27.90 -1.50 0.00	29.10 -1.47 0.00	32.48 -1.60 0.00	41.26 -2.73 0.00	43.68 -3.24 0.00	41.00 -3.04 0.00	36.20 -2.19 0.00	34.99 -2.08 0.00	34.10 -2.22 0.00	33.37 -2.09 0.00	33.30 -2.39 0.00	32.30 -2.47 0.00	34.65 -2.61 0.00	38.59 -3.49 0.00	42.77 -4.18 0.00	48.49 -4.27 0.00	51.70 -3.71 0.00	51.02 -4.14 0.00	43.26 -3.81 0.00	37.66 -2.70 0.00	32.63 -1.50 0.00
KINTIGH____ 23543	38.31 -0.31 0.00	28.90 -1.39 0.00	28.59 -1.70 0.00	27.90 -1.50 0.00	29.10 -1.47 0.00	32.48 -1.60 0.00	41.26 -2.73 0.00	43.68 -3.24 0.00	41.00 -3.04 0.00	36.20 -2.19 0.00	34.99 -2.08 0.00	34.10 -2.22 0.00	33.37 -2.09 0.00	33.30 -2.39 0.00	32.30 -2.47 0.00	34.65 -2.61 0.00	38.59 -3.49 0.00	42.77 -4.18 0.00	48.49 -4.27 0.00	51.70 -3.71 0.00	51.02 -4.14 0.00	43.26 -3.81 0.00	37.66 -2.70 0.00	32.63 -1.50 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	39.31 0.70 0.00	30.87 0.58 0.00	30.98 0.70 0.00	30.07 0.68 0.00	31.12 0.55 0.00	34.83 0.75 0.00	45.05 1.06 0.00	47.91 0.99 0.00	45.19 1.15 0.00	39.42 1.04 0.00	37.92 0.85 0.00	37.11 0.80 0.00	36.31 0.85 0.00	36.45 0.75 0.00	35.54 0.76 0.00	38.12 0.86 0.00	43.17 1.09 0.00	48.17 1.22 0.00	54.08 1.32 0.00	56.74 1.33 0.00	56.87 1.71 0.00	48.34 1.27 0.00	41.54 1.17 0.00	34.82 0.68 0.00
LACHUTE____HYDRO 323717	40.81 2.20 0.00	32.08 1.79 0.00	32.07 1.79 0.00	31.07 1.67 0.00	32.40 1.83 0.00	36.23 2.15 0.00	47.12 3.12 0.00	50.06 3.14 0.00	46.51 2.46 0.00	40.12 1.73 0.00	38.73 1.67 0.00	38.24 1.92 0.00	37.23 1.77 0.00	37.55 1.86 0.00	36.36 1.74 0.15	39.18 1.94 0.01	44.52 2.44 0.00	49.77 2.82 0.00	56.35 3.59 0.00	59.01 3.60 0.00	59.24 4.08 0.00	50.65 3.58 0.00	43.11 2.75 0.00	36.25 2.12 0.00
LAWRNCV_115KV_TB1 80681	37.57 -1.04 0.00	29.54 -0.76 0.00	29.65 -0.64 0.00	28.78 -0.62 0.00	29.80 -0.76 0.00	33.36 -0.72 0.00	43.07 -0.92 0.00	45.70 -1.22 0.00	43.12 -0.92 0.00	37.54 -0.84 0.00	36.14 -0.93 0.00	35.37 -0.94 0.00	34.57 -0.89 0.00	34.73 -0.96 0.00	33.90 -0.87 0.00	36.33 -0.93 0.00	41.20 -0.88 0.00	45.92 -1.03 0.00	51.60 -1.16 0.00	54.08 -1.33 0.00	54.33 -0.83 0.00	46.27 -0.80 0.00	40.00 -0.36 0.00	33.56 -0.58 0.00
LEDERLE____ 23769	40.51 1.89 0.00	31.96 1.67 0.00	31.86 1.57 0.00	30.90 1.50 0.00	32.09 1.53 0.00	35.82 1.74 0.00	46.37 2.38 0.00	49.74 2.82 0.00	46.95 2.91 0.00	41.00 2.61 0.00	39.62 2.56 0.00	38.89 2.58 0.00	38.01 2.55 0.00	38.34 2.64 0.00	39.29 2.64 -1.87	40.24 2.79 -0.19	45.23 3.16 0.00	50.33 3.38 0.00	56.35 3.59 0.00	59.57 4.16 0.00	58.75 3.59 0.00	50.13 3.06 0.00	42.87 2.50 0.00	36.15 2.01 0.00
LIGHTHSE_115KV_TB6 355974	37.73 -0.89 0.00	29.48 -0.82 0.00	29.43 -0.85 0.00	28.57 -0.82 0.00	29.80 -0.76 0.00	33.33 -0.75 0.00	43.02 -0.97 0.00	45.79 -1.13 0.00	42.81 -1.23 0.00	37.27 -1.11 0.00	35.99 -1.07 0.00	35.15 -1.16 0.00	34.29 -1.17 0.00	34.48 -1.21 0.00	33.55 -1.22 0.00	36.03 -1.23 0.00	40.69 -1.39 0.00	45.54 -1.41 0.00	51.39 -1.37 0.00	54.36 -1.05 0.00	54.06 -1.10 0.00	46.09 -0.99 0.00	39.48 -0.89 0.00	33.35 -0.79 0.00
LINDEN COGEN____ 23786	40.32 1.82 0.11	31.77 1.67 0.19	31.92 1.63 0.00	30.95 1.56 0.00	32.09 1.53 0.00	35.85 1.77 0.00	43.54 2.46 2.91	47.14 3.01 2.79	44.04 3.21 3.22	41.23 2.84 0.00	39.92 2.85 0.00	39.18 2.87 0.00	38.33 2.87 0.00	38.69 3.00 0.00	39.72 2.95 -2.00	40.55 3.09 -0.20	42.64 3.45 2.89	49.57 3.62 1.00	52.99 3.75 3.52	57.01 3.77 2.17	58.86 3.70 0.00	46.74 3.15 3.49	41.01 2.50 1.86	36.15 2.01 0.00
LINDHRST_69_KV_BK1 356055	42.02 3.40 -0.01	33.15 2.85 -0.01	33.01 2.73 0.00	31.95 2.56 0.00	33.22 2.66 0.00	37.11 3.03 0.00	47.64 3.65 0.00	50.72 3.80 0.00	48.27 4.23 0.00	42.39 3.99 -0.01	40.56 3.48 -0.01	39.77 3.45 -0.01	38.87 3.40 -0.01	39.24 3.53 -0.01	43.25 3.48 -5.00	47.54 3.54 -6.74	50.30 3.91 -4.31	53.34 4.23 -2.16	57.52 4.75 -0.01	71.32 5.32 -10.59	71.74 4.80 -11.78	57.42 4.19 -6.16	45.91 3.75 -1.78	42.84 3.28 -5.43
LIPA_MISC_IPP 23656	41.94 3.32 -0.01	33.21 2.91 -0.01	33.01 2.73 0.00	31.98 2.59 0.00	33.26 2.69 0.00	37.11 3.03 0.00	47.56 3.56 0.00	50.49 3.57 0.00	48.18 4.14 0.00	42.35 3.95 -0.01	40.48 3.41 -0.01	39.70 3.38 -0.01	38.77 3.30 -0.01	39.17 3.46 -0.01	42.82 3.37 -4.68	46.72 3.43 -6.03	49.84 3.91 -3.84	53.11 4.23 -1.93	57.57 4.80 -0.01	70.39 5.54 -9.44	70.63 4.96 -10.50	56.99 4.42 -5.49	45.91 3.96 -1.59	42.46 3.48 -4.84
LISF____SOLAR 323691	42.02 3.40 -0.01	33.24 2.94 -0.01	33.07 2.78 -0.01	32.04 2.65 0.00	33.29 2.72 -0.01	37.19 3.10 -0.01	47.60 3.61 0.00	50.58 3.66 0.00	48.45 4.40 0.00	42.39 3.99 -0.01	40.52 3.45 -0.01	39.73 3.41 -0.01	38.80 3.33 -0.01	39.17 3.46 -0.01	42.86 3.41 -4.68	46.80 3.50 -6.03	49.93 4.00 -3.85	53.20 4.32 -1.93	57.68 4.91 -0.01	70.02 5.15 -9.45	70.81 5.13 -10.52	57.00 4.42 -5.50	46.00 4.04 -1.59	42.56 3.58 -4.84
LITTLE FALLS____HYD 24013	37.96 -0.66 0.00	29.84 -0.45 0.00	29.86 -0.42 0.00	29.01 -0.38 0.00	30.20 -0.37 0.00	33.74 -0.34 0.00	43.55 -0.44 0.00	46.45 -0.47 0.00	43.60 -0.44 0.00	37.89 -0.50 0.00	36.62 -0.44 0.00	35.88 -0.44 0.00	35.00 -0.46 0.00	35.23 -0.46 0.00	34.32 -0.45 0.00	36.78 -0.48 0.00	41.57 -0.50 0.00	46.39 -0.56 0.00	52.13 -0.63 0.00	54.80 -0.61 0.00	54.50 -0.66 0.00	46.51 -0.56 0.00	39.80 -0.57 0.00	33.62 -0.51 0.00

LITTLRIV_115KV_TB1 356100	37.96 -0.66 0.00	29.84 -0.45 0.00	29.95 -0.33 0.00	29.07 -0.32 0.00	30.14 -0.43 0.00	33.77 -0.31 0.00	43.64 -0.35 0.00	46.22 -0.70 0.00	43.51 -0.53 0.00	37.77 -0.61 0.00	36.36 -0.70 0.00	35.59 -0.73 0.00	34.71 -0.74 0.00	34.87 -0.82 0.00	34.07 -0.70 0.00	36.52 -0.75 0.00	41.45 -0.63 0.00	46.34 -0.61 0.00	52.18 -0.58 0.00	54.86 -0.55 0.00	55.11 -0.06 0.00	46.93 -0.14 0.00	40.57 0.20 0.00	33.97 -0.17 0.00
LI_NEWBRDGE___DRP 323616	41.36 2.74 -0.01	32.66 2.36 -0.01	32.58 2.30 0.00	31.57 2.18 0.00	32.80 2.23 0.00	36.60 2.52 0.00	47.12 3.12 0.00	50.25 3.33 0.00	47.79 3.74 0.00	41.85 3.45 -0.01	40.04 2.97 -0.01	39.26 2.94 -0.01	38.41 2.94 -0.01	38.67 2.96 -0.01	42.14 2.92 -4.44	45.73 2.94 -5.52	48.87 3.28 -3.51	52.19 3.47 -1.76	56.62 3.85 -0.01	68.36 4.32 -8.62	68.56 3.81 -9.59	55.39 3.30 -5.02	44.72 2.91 -1.45	41.08 2.53 -4.42
LOCKPORT_115KV_TB60_63_64 80432	38.46 -0.15 0.00	28.66 -1.64 0.00	28.28 -2.00 0.00	27.66 -1.73 0.00	28.85 -1.71 0.00	32.21 -1.87 0.00	40.78 -3.21 0.00	43.21 -3.71 0.00	40.52 -3.52 0.00	35.78 -2.61 0.00	34.58 -2.48 0.00	33.62 -2.69 0.00	32.91 -2.55 0.00	32.77 -2.93 0.00	31.78 -2.99 0.00	34.09 -3.17 0.00	37.87 -4.21 0.00	41.93 -5.02 0.00	47.64 -5.12 0.00	50.98 -4.43 0.00	50.31 -4.85 0.00	42.65 -4.42 0.00	37.26 -3.11 0.00	32.40 -1.74 0.00
LOCKPORT___CC1 323769	38.54 -0.08 0.00	28.69 -1.61 0.00	28.31 -1.97 0.00	27.66 -1.73 0.00	28.88 -1.68 0.00	32.21 -1.87 0.00	40.82 -3.17 0.00	43.16 -3.76 0.00	40.25 -3.79 0.00	35.82 -2.57 0.00	34.47 -2.60 0.00	33.66 -2.65 0.00	32.94 -2.52 0.00	32.81 -2.89 0.00	31.78 -2.99 0.00	34.09 -3.17 0.00	37.91 -4.17 0.00	41.97 -4.98 0.00	47.64 -5.12 0.00	50.09 -5.32 0.00	49.97 -5.19 0.00	42.65 -4.43 0.00	37.26 -3.11 0.00	32.43 -1.71 0.00
LOCKPORT___CC2 323770	38.54 -0.08 0.00	28.69 -1.61 0.00	28.31 -1.97 0.00	27.66 -1.73 0.00	28.88 -1.68 0.00	32.21 -1.87 0.00	40.82 -3.17 0.00	43.16 -3.76 0.00	40.25 -3.79 0.00	35.82 -2.57 0.00	34.47 -2.60 0.00	33.66 -2.65 0.00	32.94 -2.52 0.00	32.81 -2.89 0.00	31.78 -2.99 0.00	34.09 -3.17 0.00	37.91 -4.17 0.00	41.97 -4.98 0.00	47.64 -5.12 0.00	50.09 -5.32 0.00	49.97 -5.19 0.00	42.65 -4.43 0.00	37.26 -3.11 0.00	32.43 -1.71 0.00
LOCKPORT___CC3 323771	38.54 -0.08 0.00	28.69 -1.61 0.00	28.31 -1.97 0.00	27.66 -1.73 0.00	28.88 -1.68 0.00	32.21 -1.87 0.00	40.82 -3.17 0.00	43.16 -3.76 0.00	40.25 -3.79 0.00	35.82 -2.57 0.00	34.47 -2.60 0.00	33.66 -2.65 0.00	32.94 -2.52 0.00	32.81 -2.89 0.00	31.78 -2.99 0.00	34.09 -3.17 0.00	37.91 -4.17 0.00	41.97 -4.98 0.00	47.64 -5.12 0.00	50.09 -5.32 0.00	49.97 -5.19 0.00	42.65 -4.43 0.00	37.26 -3.11 0.00	32.43 -1.71 0.00
LOCUSVLY_69_KV_BK2 55797	41.60 2.97 -0.01	32.82 2.51 -0.01	32.70 2.42 0.00	31.69 2.29 0.00	32.92 2.35 0.00	36.74 2.66 0.00	47.38 3.39 0.00	50.63 3.71 0.00	48.09 4.05 0.00	42.13 3.72 -0.01	40.45 3.37 -0.01	39.67 3.34 -0.01	38.81 3.33 -0.01	39.14 3.43 -0.01	44.23 3.37 -6.09	49.86 3.50 -9.10	51.86 3.91 -5.87	54.03 4.13 -2.94	57.26 4.48 -0.02	74.87 5.04 -14.41	75.66 4.47 -16.03	59.32 3.86 -8.38	46.14 3.35 -2.43	44.35 2.83 -7.38
LONG_LAKE_PHOENIX 24014	37.73 -0.89 0.00	29.48 -0.82 0.00	29.43 -0.85 0.00	28.57 -0.82 0.00	29.77 -0.79 0.00	33.19 -0.89 0.00	42.85 -1.14 0.00	45.70 -1.22 0.00	42.81 -1.23 0.00	37.39 -1.00 0.00	36.10 -0.96 0.00	35.33 -0.98 0.00	34.50 -0.96 0.00	34.70 -1.00 0.00	33.69 -1.08 0.00	36.18 -1.08 0.00	40.77 -1.30 0.00	45.50 -1.46 0.00	51.23 -1.53 0.00	54.03 -1.39 0.00	53.62 -1.54 0.00	45.71 -1.37 0.00	39.20 -1.17 0.00	33.22 -0.92 0.00
LOVETT___3 23632	40.39 1.78 0.00	31.87 1.58 0.00	31.80 1.51 0.00	30.81 1.41 0.00	32.00 1.44 0.00	35.72 1.64 0.00	46.24 2.24 0.00	49.55 2.63 0.00	46.82 2.77 0.00	40.88 2.50 0.00	39.55 2.48 0.00	38.82 2.51 0.00	37.91 2.45 0.00	38.27 2.57 0.00	39.24 2.57 -1.90	40.17 2.72 -0.19	45.11 3.03 0.00	50.15 3.19 0.00	56.19 3.43 0.00	59.35 3.93 0.00	58.53 3.36 0.00	49.95 2.87 0.00	42.75 2.38 0.00	36.01 1.88 0.00
LOVETT___4 23642	40.39 1.78 0.00	31.87 1.58 0.00	31.80 1.51 0.00	30.81 1.41 0.00	32.00 1.44 0.00	35.72 1.64 0.00	46.24 2.24 0.00	49.55 2.63 0.00	46.82 2.77 0.00	40.88 2.50 0.00	39.55 2.48 0.00	38.82 2.51 0.00	37.91 2.45 0.00	38.27 2.57 0.00	39.24 2.57 -1.90	40.17 2.72 -0.19	45.11 3.03 0.00	50.15 3.19 0.00	56.19 3.43 0.00	59.35 3.93 0.00	58.53 3.36 0.00	49.95 2.87 0.00	42.75 2.38 0.00	36.01 1.88 0.00
LOVETT___5 23593	40.39 1.78 0.00	31.87 1.58 0.00	31.80 1.51 0.00	30.81 1.41 0.00	32.00 1.44 0.00	35.72 1.64 0.00	46.24 2.24 0.00	49.55 2.63 0.00	46.82 2.77 0.00	40.88 2.50 0.00	39.55 2.48 0.00	38.82 2.51 0.00	37.91 2.45 0.00	38.27 2.57 0.00	39.24 2.57 -1.90	40.17 2.72 -0.19	45.11 3.03 0.00	50.15 3.19 0.00	56.19 3.43 0.00	59.35 3.93 0.00	58.53 3.36 0.00	49.95 2.87 0.00	42.75 2.38 0.00	36.01 1.88 0.00
LOWER RAQUET___HYD 24057	37.34 -1.27 0.00	29.35 -0.94 0.00	29.49 -0.79 0.00	28.60 -0.79 0.00	29.65 -0.92 0.00	33.19 -0.89 0.00	42.85 -1.14 0.00	45.47 -1.45 0.00	42.90 -1.15 0.00	37.31 -1.07 0.00	35.91 -1.15 0.00	35.15 -1.16 0.00	34.32 -1.14 0.00	34.48 -1.21 0.00	33.69 -1.08 0.00	36.11 -1.16 0.00	40.94 -1.13 0.00	45.64 -1.31 0.00	51.34 -1.42 0.00	54.42 -1.00 0.00	54.11 -1.05 0.00	46.08 -0.99 0.00	39.84 -0.53 0.00	33.35 -0.78 0.00
LOWER___HUDSON 24059	39.62 1.00 0.00	31.26 0.97 0.00	31.25 0.97 0.00	30.31 0.91 0.00	31.51 0.95 0.00	35.10 1.02 0.00	45.40 1.41 0.00	48.42 1.50 0.00	45.23 1.19 0.00	39.12 0.73 0.00	37.84 0.78 0.00	37.08 0.76 0.00	36.17 0.71 0.00	36.52 0.82 0.00	35.53 0.87 0.11	38.14 0.89 0.01	43.30 1.22 0.00	48.41 1.46 0.00	54.45 1.69 0.00	56.80 1.39 0.00	56.93 1.76 0.00	48.58 1.51 0.00	41.62 1.25 0.00	35.13 0.99 0.00
LOWVILLE_115KV_TB2 356335	38.34 -0.27 0.00	30.05 -0.24 0.00	30.10 -0.18 0.00	29.19 -0.21 0.00	30.47 -0.09 0.00	34.15 0.07 0.00	44.12 0.13 0.00	46.87 -0.05 0.00	43.82 -0.22 0.00	37.93 -0.46 0.00	36.58 -0.48 0.00	35.69 -0.62 0.00	34.79 -0.67 0.00	34.98 -0.71 0.00	34.07 -0.70 0.00	36.67 -0.60 0.00	41.57 -0.50 0.00	46.67 -0.28 0.00	52.71 -0.05 0.00	55.86 0.44 0.00	55.71 0.55 0.00	47.54 0.47 0.00	40.69 0.32 0.00	34.21 0.07 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	40.04 1.43 0.00	31.54 1.24 0.00	31.55 1.27 0.00	30.57 1.18 0.00	31.82 1.25 0.00	35.48 1.40 0.00	45.93 1.94 0.00	48.94 2.02 0.00	45.67 1.63 0.00	39.58 1.19 0.00	38.25 1.19 0.00	37.55 1.23 0.00	36.63 1.17 0.00	36.95 1.25 0.00	35.91 1.29 0.15	38.63 1.38 0.01	43.76 1.68 0.00	48.92 1.97 0.00	55.03 2.27 0.00	57.85 2.44 0.00	57.53 2.37 0.00	49.19 2.12 0.00	42.10 1.74 0.00	35.50 1.37 0.00

LUTHERNY_35_KV_BK2 355980	40.08 1.47 0.00	31.57 1.27 0.00	31.55 1.27 0.00	30.60 1.21 0.00	31.85 1.28 0.00	35.51 1.43 0.00	45.93 1.94 0.00	48.98 2.06 0.00	45.67 1.63 0.00	39.62 1.23 0.00	38.25 1.19 0.00	37.55 1.23 0.00	36.63 1.17 0.00	36.98 1.29 0.00	35.91 1.29 0.15	38.63 1.38 0.01	43.80 1.73 0.00	48.92 1.97 0.00	55.08 2.32 0.00	57.91 2.49 0.00	57.59 2.43 0.00	49.24 2.17 0.00	42.14 1.78 0.00	35.54 1.40 0.00
LWR___OSWEGATCHIE_HYD 23850	37.42 -1.20 0.00	29.35 -0.94 0.00	29.43 -0.85 0.00	28.57 -0.82 0.00	29.71 -0.86 0.00	33.30 -0.78 0.00	43.02 -0.97 0.00	45.65 -1.27 0.00	42.85 -1.19 0.00	37.16 -1.23 0.00	35.84 -1.22 0.00	35.00 -1.31 0.00	34.15 -1.31 0.00	34.30 -1.39 0.00	33.48 -1.29 0.00	35.96 -1.30 0.00	40.77 -1.30 0.00	45.64 -1.31 0.00	51.44 -1.32 0.00	54.31 -1.11 0.00	54.33 -0.83 0.00	46.32 -0.75 0.00	39.84 -0.52 0.00	33.42 -0.72 0.00
LYONS_FALL_HYD 23570	38.65 0.04 0.00	30.29 0.00 0.00	30.31 0.03 0.00	29.43 0.03 0.00	30.69 0.12 0.00	34.35 0.27 0.00	44.34 0.35 0.00	47.16 0.24 0.00	44.17 0.13 0.00	38.27 -0.11 0.00	36.95 -0.11 0.00	36.10 -0.22 0.00	35.17 -0.28 0.00	35.37 -0.32 0.00	34.46 -0.31 0.00	37.08 -0.19 0.00	41.99 -0.08 0.00	47.05 0.09 0.00	53.08 0.32 0.00	56.08 0.67 0.00	55.93 0.77 0.00	47.73 0.66 0.00	40.89 0.52 0.00	34.38 0.24 0.00
MADISON___COUNTY_LFGE 323628	39.35 0.73 0.00	30.75 0.45 0.00	30.74 0.45 0.00	29.84 0.44 0.00	31.15 0.58 0.00	34.80 0.72 0.00	44.96 0.97 0.00	48.00 1.08 0.00	44.97 0.92 0.00	39.08 0.69 0.00	37.77 0.70 0.00	36.89 0.58 0.00	35.96 0.50 0.00	36.12 0.43 0.00	35.19 0.42 0.00	37.67 0.41 0.00	42.63 0.55 0.00	47.70 0.75 0.00	53.76 1.00 0.00	56.86 1.44 0.00	56.49 1.32 0.00	48.20 1.13 0.00	41.30 0.93 0.00	34.85 0.72 0.00
MALONE___115KV_TB1 356076	38.50 -0.12 0.00	30.23 -0.06 0.00	30.37 0.09 0.00	29.48 0.09 0.00	30.50 -0.06 0.00	34.15 0.07 0.00	44.17 0.18 0.00	46.92 0.00 0.00	44.26 0.22 0.00	38.62 0.23 0.00	37.14 0.07 0.00	36.35 0.04 0.00	35.57 0.11 0.00	35.66 -0.04 0.00	34.80 0.03 0.00	37.34 0.07 0.00	42.29 0.21 0.00	47.19 0.23 0.00	52.97 0.21 0.00	55.53 0.11 0.00	55.77 0.61 0.00	47.40 0.33 0.00	40.77 0.40 0.00	34.17 0.03 0.00
MAPLEWOD_115KV_TB3 80458	39.46 0.85 0.00	31.14 0.85 0.00	31.13 0.85 0.00	30.19 0.79 0.00	31.39 0.83 0.00	34.97 0.89 0.00	45.14 1.14 0.00	48.19 1.27 0.00	45.06 1.01 0.00	39.08 0.69 0.00	37.77 0.70 0.00	36.97 0.65 0.00	36.10 0.64 0.00	36.45 0.75 0.00	35.53 0.87 0.11	38.14 0.89 0.01	43.17 1.09 0.00	48.22 1.27 0.00	54.19 1.42 0.00	56.86 1.44 0.00	56.49 1.32 0.00	48.30 1.22 0.00	41.46 1.09 0.00	34.99 0.85 0.00
MAPLE_RIDGE_WT_1 323574	38.23 -0.39 0.00	30.05 -0.24 0.00	30.10 -0.18 0.00	29.22 -0.18 0.00	30.35 -0.21 0.00	33.88 -0.20 0.00	43.73 -0.26 0.00	46.59 -0.33 0.00	43.82 -0.22 0.00	38.20 -0.19 0.00	36.88 -0.18 0.00	36.13 -0.18 0.00	35.28 -0.18 0.00	35.52 -0.18 0.00	34.60 -0.17 0.00	37.08 -0.19 0.00	41.87 -0.21 0.00	46.67 -0.28 0.00	52.39 -0.37 0.00	55.08 -0.33 0.00	54.72 -0.44 0.00	46.65 -0.42 0.00	40.04 -0.32 0.00	33.80 -0.34 0.00
MAPLE_RIDGE_WT_2 323611	38.23 -0.39 0.00	30.05 -0.24 0.00	30.10 -0.18 0.00	29.22 -0.18 0.00	30.35 -0.21 0.00	33.88 -0.20 0.00	43.73 -0.26 0.00	46.59 -0.33 0.00	43.82 -0.22 0.00	38.20 -0.19 0.00	36.88 -0.18 0.00	36.13 -0.18 0.00	35.28 -0.18 0.00	35.52 -0.18 0.00	34.60 -0.17 0.00	37.08 -0.19 0.00	41.87 -0.21 0.00	46.67 -0.28 0.00	52.39 -0.37 0.00	55.08 -0.33 0.00	54.72 -0.44 0.00	46.65 -0.42 0.00	40.04 -0.32 0.00	33.80 -0.34 0.00
MARBLE_RIVER_WT_PWR 323696	38.58 -0.04 0.00	30.32 0.03 0.00	30.40 0.12 0.00	29.54 0.15 0.00	30.60 0.03 0.00	34.18 0.10 0.00	44.21 0.22 0.00	47.01 0.09 0.00	44.31 0.27 0.00	38.66 0.27 0.00	37.25 0.19 0.00	36.46 0.15 0.00	35.64 0.18 0.00	35.80 0.11 0.00	34.94 0.17 0.00	37.45 0.19 0.00	42.38 0.30 0.00	47.24 0.28 0.00	53.03 0.27 0.00	55.97 0.55 0.00	55.60 0.44 0.00	47.31 0.24 0.00	40.69 0.32 0.00	34.21 0.07 0.00
MARSHVLE_115KV_TB1 80742	41.32 2.70 0.00	32.35 2.06 0.00	32.37 2.09 0.00	31.34 1.94 0.00	32.67 2.11 0.00	36.53 2.45 0.00	47.16 3.17 0.00	50.11 3.19 0.00	46.55 2.51 0.00	40.38 2.00 0.00	39.18 2.11 0.00	38.45 2.14 0.00	37.44 1.99 0.00	37.77 2.07 0.00	36.63 1.98 0.12	39.26 2.01 0.01	44.52 2.44 0.00	49.86 2.91 0.00	56.35 3.59 0.00	59.68 4.27 0.00	59.52 4.36 0.00	50.84 3.77 0.00	43.36 2.99 0.00	36.53 2.39 0.00
MARSH_HILL_WT_PWR 323713	39.74 1.12 0.00	30.08 -0.21 0.00	29.83 -0.45 0.00	29.07 -0.32 0.00	30.38 -0.18 0.00	33.94 -0.14 0.00	43.64 -0.35 0.00	46.31 -0.61 0.00	43.16 -0.88 0.00	38.04 -0.35 0.00	36.62 -0.44 0.00	35.66 -0.65 0.00	34.71 -0.75 0.00	34.59 -1.11 0.00	33.48 -1.29 0.00	35.96 -1.31 0.00	40.19 -1.89 0.00	44.84 -2.11 0.00	50.91 -1.85 0.00	53.81 -1.61 0.00	53.62 -1.54 0.00	45.76 -1.32 0.00	39.40 -0.97 0.00	33.80 -0.34 0.00
MCINTYRE_115KV_TB2 80467	38.42 -0.19 0.00	30.20 -0.09 0.00	30.31 0.03 0.00	29.43 0.03 0.00	30.50 -0.06 0.00	34.18 0.10 0.00	44.12 0.13 0.00	46.69 -0.23 0.00	43.91 -0.13 0.00	38.12 -0.27 0.00	36.66 -0.41 0.00	35.88 -0.44 0.00	35.00 -0.46 0.00	35.16 -0.54 0.00	34.35 -0.42 0.00	36.85 -0.41 0.00	41.83 -0.25 0.00	46.76 -0.19 0.00	52.76 0.00 0.00	55.47 0.06 0.00	55.77 0.61 0.00	47.50 0.42 0.00	41.05 0.69 0.00	34.38 0.24 0.00
MECO_____69_KV_BK1 80468	41.40 2.78 0.00	32.47 2.18 0.00	32.46 2.18 0.00	31.45 2.06 0.00	32.80 2.23 0.00	36.67 2.59 0.00	47.47 3.48 0.00	50.49 3.57 0.00	46.91 2.86 0.00	40.61 2.23 0.00	39.21 2.15 0.00	38.49 2.18 0.00	37.52 2.06 0.00	37.84 2.14 0.00	36.72 2.09 0.14	39.48 2.24 0.01	44.81 2.74 0.00	50.19 3.24 0.00	56.77 4.01 0.00	60.01 4.60 0.00	59.74 4.58 0.00	51.08 4.00 0.00	43.56 3.19 0.00	36.66 2.53 0.00
MENANDS___115KV_TB5 355628	39.27 0.66 0.00	31.02 0.73 0.00	31.01 0.73 0.00	30.07 0.68 0.00	31.27 0.70 0.00	34.80 0.72 0.00	44.96 0.97 0.00	48.00 1.08 0.00	44.88 0.84 0.00	38.93 0.54 0.00	37.66 0.59 0.00	36.82 0.51 0.00	35.96 0.50 0.00	36.30 0.61 0.00	35.39 0.73 0.11	38.00 0.75 0.01	43.00 0.93 0.00	48.03 1.08 0.00	53.92 1.16 0.00	56.58 1.16 0.00	56.21 1.05 0.00	48.06 0.99 0.00	41.26 0.89 0.00	34.82 0.68 0.00
MG INDUSTRY___DRP 24185	39.35 0.73 0.00	31.02 0.73 0.00	31.04 0.76 0.00	30.10 0.71 0.00	31.30 0.73 0.00	34.83 0.75 0.00	44.92 0.92 0.00	47.91 0.99 0.00	44.66 0.62 0.00	38.77 0.38 0.00	37.43 0.37 0.00	36.78 0.47 0.00	35.92 0.46 0.00	36.23 0.54 0.00	35.33 0.56 0.00	37.86 0.60 0.00	42.84 0.76 0.00	47.84 0.89 0.00	53.76 1.00 0.00	56.47 1.05 0.00	56.10 0.94 0.00	48.02 0.94 0.00	41.18 0.81 0.00	34.82 0.68 0.00

MID___OSWEGATCHIE_HYD 23849	37.42 -1.20 0.00	29.35 -0.94 0.00	29.43 -0.85 0.00	28.57 -0.82 0.00	29.71 -0.86 0.00	33.30 -0.78 0.00	43.02 -0.97 0.00	45.65 -1.27 0.00	42.85 -1.19 0.00	37.16 -1.23 0.00	35.84 -1.22 0.00	35.00 -1.31 0.00	34.15 -1.31 0.00	34.30 -1.39 0.00	33.48 -1.29 0.00	35.96 -1.30 0.00	40.77 -1.30 0.00	45.64 -1.31 0.00	51.44 -1.32 0.00	54.31 -1.11 0.00	54.33 -0.83 0.00	46.32 -0.75 0.00	39.84 -0.52 0.00	33.42 -0.72 0.00
MID___RAQUETTE_HYD 23851	37.34 -1.27 0.00	29.35 -0.94 0.00	29.49 -0.79 0.00	28.60 -0.79 0.00	29.65 -0.92 0.00	33.19 -0.89 0.00	42.85 -1.14 0.00	45.47 -1.45 0.00	42.85 -1.19 0.00	37.31 -1.07 0.00	35.91 -1.15 0.00	35.15 -1.16 0.00	34.32 -1.13 0.00	34.48 -1.21 0.00	33.69 -1.08 0.00	36.11 -1.16 0.00	40.94 -1.14 0.00	45.64 -1.31 0.00	51.34 -1.42 0.00	53.86 -1.55 0.00	54.11 -1.05 0.00	46.09 -0.99 0.00	39.84 -0.52 0.00	33.39 -0.75 0.00
MILLIKEN___1 23584	39.39 0.77 0.00	30.60 0.30 0.00	30.55 0.27 0.00	29.66 0.26 0.00	30.96 0.40 0.00	34.56 0.48 0.00	44.65 0.66 0.00	47.62 0.70 0.00	44.57 0.53 0.00	38.85 0.46 0.00	37.47 0.41 0.00	36.60 0.29 0.00	35.71 0.25 0.00	35.84 0.14 0.00	34.80 0.03 0.00	37.41 0.15 0.00	42.21 0.13 0.00	47.19 0.23 0.00	53.29 0.53 0.00	56.47 1.05 0.00	55.88 0.72 0.00	47.69 0.61 0.00	40.85 0.48 0.00	34.65 0.51 0.00
MILLIKEN___2 23585	39.39 0.77 0.00	30.60 0.30 0.00	30.55 0.27 0.00	29.66 0.26 0.00	30.96 0.40 0.00	34.56 0.48 0.00	44.65 0.66 0.00	47.62 0.70 0.00	44.57 0.53 0.00	38.85 0.46 0.00	37.47 0.41 0.00	36.60 0.29 0.00	35.71 0.25 0.00	35.84 0.14 0.00	34.80 0.03 0.00	37.41 0.15 0.00	42.21 0.13 0.00	47.19 0.23 0.00	53.29 0.53 0.00	56.47 1.05 0.00	55.88 0.72 0.00	47.69 0.61 0.00	40.85 0.48 0.00	34.65 0.51 0.00
MILLIKEN___DIESEL 23629	39.39 0.77 0.00	30.60 0.30 0.00	30.55 0.27 0.00	29.66 0.26 0.00	30.96 0.40 0.00	34.56 0.48 0.00	44.65 0.66 0.00	47.62 0.70 0.00	44.57 0.53 0.00	38.85 0.46 0.00	37.47 0.41 0.00	36.60 0.29 0.00	35.71 0.25 0.00	35.84 0.14 0.00	34.80 0.03 0.00	37.41 0.15 0.00	42.21 0.13 0.00	47.19 0.23 0.00	53.29 0.53 0.00	56.47 1.05 0.00	55.88 0.72 0.00	47.69 0.61 0.00	40.85 0.48 0.00	34.65 0.51 0.00
MILLSEAT___LFGE 323607	39.35 0.73 0.00	29.23 -1.06 0.00	28.86 -1.42 0.00	28.19 -1.21 0.00	29.47 -1.10 0.00	32.92 -1.16 0.00	41.75 -2.24 0.00	44.25 -2.67 0.00	41.27 -2.77 0.00	36.62 -1.77 0.00	35.17 -1.89 0.00	34.35 -1.96 0.00	33.58 -1.88 0.00	33.45 -2.25 0.00	32.40 -2.37 0.00	34.84 -2.42 0.00	38.75 -3.33 0.00	43.01 -3.94 0.00	48.91 -3.85 0.00	51.53 -3.88 0.00	51.47 -3.70 0.00	43.83 -3.25 0.00	38.19 -2.18 0.00	33.11 -1.02 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.47 1.85 0.00	31.93 1.64 0.00	31.86 1.57 0.00	30.90 1.50 0.00	32.06 1.50 0.00	35.78 1.70 0.00	46.32 2.33 0.00	49.69 2.77 0.00	46.91 2.86 0.00	41.00 2.61 0.00	39.62 2.56 0.00	38.89 2.58 0.00	38.01 2.55 0.00	38.37 2.68 0.00	39.39 2.64 -1.98	40.25 2.79 -0.20	45.23 3.16 0.00	50.29 3.33 0.00	56.30 3.54 0.00	59.46 4.05 0.00	58.69 3.53 0.00	50.09 3.01 0.00	42.83 2.46 0.00	36.12 1.98 0.00
MILLWOOD_13_KV_LOAD 356217	40.51 1.89 0.00	31.96 1.67 0.00	31.89 1.60 0.00	30.93 1.53 0.00	32.09 1.53 0.00	35.85 1.77 0.00	46.37 2.38 0.00	49.74 2.82 0.00	46.99 2.95 0.00	41.04 2.65 0.00	39.70 2.63 0.00	38.93 2.61 0.00	38.08 2.62 0.00	38.44 2.75 0.00	39.46 2.71 -1.98	40.33 2.87 -0.20	45.32 3.24 0.00	50.33 3.38 0.00	56.40 3.64 0.00	59.57 4.16 0.00	58.75 3.59 0.00	50.18 3.11 0.00	42.91 2.54 0.00	36.15 2.01 0.00
MODEL_CITY_ENERGY 24167	38.07 -0.54 0.00	28.35 -1.94 0.00	28.01 -2.27 0.00	27.37 -2.03 0.00	28.55 -2.02 0.00	31.87 -2.21 0.00	40.34 -3.65 0.00	42.65 -4.27 0.00	39.77 -4.27 0.00	35.39 -2.99 0.00	34.06 -3.00 0.00	33.26 -3.05 0.00	32.59 -2.87 0.00	32.41 -3.28 0.00	31.43 -3.34 0.00	33.72 -3.54 0.00	37.45 -4.63 0.00	41.46 -5.49 0.00	47.12 -5.64 0.00	49.49 -5.93 0.00	49.37 -5.79 0.00	42.13 -4.94 0.00	36.82 -3.55 0.00	32.05 -2.08 0.00
MODERN_LFGE___ 323580	38.07 -0.54 0.00	28.35 -1.94 0.00	28.01 -2.27 0.00	27.37 -2.03 0.00	28.55 -2.02 0.00	31.87 -2.21 0.00	40.34 -3.65 0.00	42.65 -4.27 0.00	39.77 -4.27 0.00	35.39 -2.99 0.00	34.06 -3.00 0.00	33.26 -3.05 0.00	32.59 -2.87 0.00	32.41 -3.28 0.00	31.43 -3.34 0.00	33.72 -3.54 0.00	37.45 -4.63 0.00	41.46 -5.49 0.00	47.12 -5.64 0.00	49.49 -5.93 0.00	49.37 -5.79 0.00	42.13 -4.94 0.00	36.82 -3.55 0.00	32.05 -2.08 0.00
MOHAWK_PAPER___DRP 24187	39.46 0.85 0.00	31.14 0.85 0.00	31.13 0.85 0.00	30.19 0.79 0.00	31.39 0.83 0.00	34.97 0.89 0.00	45.14 1.14 0.00	48.19 1.27 0.00	45.06 1.01 0.00	39.08 0.69 0.00	37.77 0.70 0.00	36.97 0.65 0.00	36.10 0.64 0.00	36.45 0.75 0.00	35.53 0.87 0.11	38.14 0.89 0.01	43.17 1.09 0.00	48.22 1.27 0.00	54.19 1.42 0.00	56.86 1.44 0.00	56.49 1.32 0.00	48.30 1.22 0.00	41.46 1.09 0.00	34.99 0.85 0.00
MOHICAN___35_KV_115KV_LD 80490	40.12 1.51 0.00	31.57 1.27 0.00	31.58 1.30 0.00	30.63 1.23 0.00	31.88 1.31 0.00	35.58 1.50 0.00	46.15 2.16 0.00	49.17 2.25 0.00	45.80 1.76 0.00	39.69 1.31 0.00	38.32 1.26 0.00	37.80 1.49 0.00	36.84 1.38 0.00	37.16 1.46 0.00	35.98 1.36 0.15	38.70 1.45 0.01	43.89 1.81 0.00	49.07 2.11 0.00	55.29 2.53 0.00	58.19 2.77 0.00	57.86 2.70 0.00	49.52 2.45 0.00	42.27 1.90 0.00	35.60 1.47 0.00
MONGAUP___HYD 23641	39.62 1.00 0.00	31.51 1.21 0.00	31.46 1.18 0.00	30.51 1.12 0.00	31.73 1.16 0.00	35.41 1.33 0.00	45.18 1.19 0.00	48.28 1.36 0.00	45.45 1.41 0.00	39.46 1.07 0.00	38.69 1.63 0.00	37.62 1.31 0.00	37.06 1.60 0.00	37.41 1.71 0.00	37.85 1.39 -1.69	38.70 1.27 -0.17	43.59 1.51 0.00	48.64 1.69 0.00	54.56 1.79 0.00	57.41 1.99 0.00	57.09 1.93 0.00	48.72 1.65 0.00	41.58 1.21 0.00	35.64 1.50 0.00
MONTAUK___DIESEL 23721	41.94 3.32 -0.01	33.33 3.03 -0.01	33.19 2.91 0.00	32.31 2.91 0.00	33.77 3.21 0.00	37.83 3.75 0.00	48.61 4.62 0.00	51.71 4.79 0.00	49.37 5.33 0.00	43.43 5.03 -0.01	41.52 4.45 -0.01	40.79 4.47 -0.01	39.76 4.29 -0.01	40.13 4.43 -0.01	43.72 4.28 -4.68	47.76 4.47 -6.03	51.01 5.09 -3.84	54.47 5.59 -1.93	59.05 6.28 -0.01	72.12 7.26 -9.44	72.40 6.73 -10.51	58.55 5.98 -5.49	47.33 5.37 -1.59	43.62 4.64 -4.84
MOONROAD_115KV_HARTFLD_TB1-2 355988	40.51 1.89 0.00	30.05 -0.24 0.00	29.58 -0.70 0.00	28.99 -0.41 0.00	30.26 -0.31 0.00	33.77 -0.31 0.00	43.24 -0.75 0.00	46.03 -0.89 0.00	42.99 -1.06 0.00	37.89 -0.50 0.00	36.54 -0.52 0.00	35.40 -0.91 0.00	34.57 -1.43 0.00	34.27 -1.53 0.00	33.24 -1.53 0.00	35.70 -1.56 0.00	39.60 -2.48 0.00	43.99 -2.96 0.00	49.86 -2.90 0.00	53.53 -1.88 0.00	52.85 -2.32 0.00	44.91 -2.17 0.00	38.96 -1.41 0.00	33.73 -0.41 0.00

MORRIS_RIDGE___SOLAR 323848	39.19 0.58 0.00	29.63 -0.67 0.00	29.34 -0.94 0.00	28.60 -0.79 0.00	29.86 -0.70 0.00	33.33 -0.75 0.00	42.67 -1.32 0.00	45.23 -1.69 0.00	42.19 -1.85 0.00	37.31 -1.07 0.00	35.91 -1.15 0.00	35.01 -1.31 0.00	34.11 -1.35 0.00	33.98 -1.71 0.00	32.96 -1.81 0.00	35.40 -1.86 0.00	39.51 -2.57 0.00	43.95 -3.01 0.00	49.86 -2.90 0.00	52.70 -2.71 0.00	52.57 -2.59 0.00	44.86 -2.21 0.00	38.83 -1.53 0.00	33.42 -0.72 0.00
MORTIMER_115KV_TB3 55949	38.73 0.12 0.00	29.41 -0.88 0.00	29.19 -1.09 0.00	28.43 -0.97 0.00	29.65 -0.92 0.00	33.16 -0.92 0.00	42.28 -1.72 0.00	44.95 -1.97 0.00	42.19 -1.85 0.00	37.12 -1.27 0.00	35.84 -1.22 0.00	35.00 -1.31 0.00	34.18 -1.28 0.00	34.20 -1.50 0.00	33.17 -1.60 0.00	35.66 -1.60 0.00	39.85 -2.23 0.00	44.28 -2.68 0.00	50.12 -2.64 0.00	53.25 -2.16 0.00	52.73 -2.43 0.00	44.72 -2.35 0.00	38.71 -1.66 0.00	33.28 -0.85 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.70 2.09 0.00	32.14 1.85 0.00	32.07 1.79 0.00	31.10 1.71 0.00	32.25 1.68 0.00	36.02 1.94 0.00	46.63 2.64 0.00	50.06 3.14 0.00	47.35 3.30 0.00	41.38 2.99 0.00	39.99 2.93 0.00	39.29 2.98 0.00	38.40 2.94 0.00	38.80 3.11 0.00	39.83 3.06 -2.00	40.66 3.20 -0.20	45.70 3.62 0.00	50.71 3.76 0.00	56.77 4.01 0.00	59.90 4.49 0.00	59.08 3.92 0.00	50.42 3.34 0.00	43.07 2.70 0.00	36.32 2.18 0.00
MUNSVILLE_WIND_PWR 323609	42.40 3.79 0.00	32.99 2.70 0.00	33.01 2.73 0.00	32.04 2.65 0.00	33.65 3.09 0.00	37.86 3.78 0.00	49.05 5.06 0.00	52.27 5.35 0.00	48.80 4.76 0.00	42.04 3.65 0.00	40.59 3.52 0.00	39.40 3.08 0.00	38.19 2.73 0.00	38.19 2.50 0.00	37.18 2.33 -0.08	39.84 2.57 -0.01	45.19 3.11 0.00	51.09 4.13 0.00	58.04 5.28 0.00	61.78 6.37 0.00	61.50 6.34 0.00	52.53 5.46 0.00	44.85 4.48 0.00	37.62 3.48 0.00
N SALMON___HYD 24042	38.50 -0.12 0.00	30.23 -0.06 0.00	30.37 0.09 0.00	29.49 0.09 0.00	30.50 -0.06 0.00	34.15 0.07 0.00	44.17 0.18 0.00	46.92 0.00 0.00	44.26 0.22 0.00	38.62 0.23 0.00	37.14 0.07 0.00	36.35 0.04 0.00	35.57 0.11 0.00	35.66 -0.04 0.00	34.80 0.03 0.00	37.34 0.07 0.00	42.29 0.21 0.00	47.19 0.24 0.00	52.97 0.21 0.00	56.08 0.67 0.00	55.77 0.61 0.00	47.41 0.33 0.00	40.77 0.40 0.00	34.17 0.03 0.00
N.AKRON__115KV_KNAPP 355671	39.08 0.46 0.00	29.08 -1.21 0.00	28.74 -1.54 0.00	28.07 -1.32 0.00	29.31 -1.25 0.00	32.75 -1.33 0.00	41.53 -2.46 0.00	44.06 -2.86 0.00	41.31 -2.73 0.00	36.43 -1.96 0.00	35.17 -1.89 0.00	34.17 -2.14 0.00	33.40 -2.06 0.00	33.27 -2.43 0.00	32.23 -2.54 0.00	34.65 -2.61 0.00	38.54 -3.53 0.00	42.77 -4.18 0.00	48.59 -4.17 0.00	52.03 -3.38 0.00	51.36 -3.81 0.00	43.50 -3.58 0.00	37.95 -2.42 0.00	32.94 -1.19 0.00
N.E_GEN_SANDY PD 24062	39.66 1.04 0.00	31.35 1.06 0.00	31.31 1.03 0.00	30.40 1.00 0.00	31.61 1.04 0.00	35.17 1.09 0.00	45.44 1.45 0.00	48.42 1.50 0.00	45.19 1.14 0.00	39.00 0.61 0.00	37.77 0.70 0.00	37.00 0.69 0.00	36.10 0.64 0.00	36.48 0.78 0.00	35.60 0.83 0.00	38.08 0.82 0.00	43.30 1.22 0.00	48.50 1.55 0.00	54.50 1.74 0.00	56.74 1.33 0.00	56.98 1.82 0.00	48.58 1.51 0.00	41.66 1.29 0.00	35.16 1.02 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.39 1.78 0.00	31.87 1.58 0.00	31.80 1.51 0.00	30.84 1.44 0.00	32.03 1.47 0.00	35.72 1.64 0.00	46.28 2.29 0.00	49.59 2.67 0.00	46.82 2.77 0.00	40.92 2.53 0.00	39.55 2.48 0.00	38.82 2.51 0.00	37.91 2.45 0.00	38.27 2.57 0.00	39.19 2.54 -1.88	40.17 2.72 -0.19	45.11 3.03 0.00	50.19 3.24 0.00	56.19 3.43 0.00	59.40 3.99 0.00	58.58 3.42 0.00	49.99 2.92 0.00	42.75 2.38 0.00	36.05 1.91 0.00
N.QUEENS_27_KV_LOAD 356247	40.70 2.09 0.00	32.26 1.97 0.00	32.16 1.88 0.00	31.28 1.88 0.00	32.25 1.68 0.00	35.89 1.81 0.00	46.46 2.46 0.00	49.97 3.05 0.00	47.35 3.30 0.00	41.42 3.03 0.00	40.03 2.97 0.00	39.36 3.05 0.00	38.51 3.05 0.00	38.87 3.18 0.00	39.93 3.16 -2.00	40.78 3.32 -0.20	45.78 3.70 0.00	50.76 3.80 0.00	56.72 3.96 0.00	59.90 4.49 0.00	59.02 3.86 0.00	50.28 3.20 0.00	42.95 2.58 0.00	36.22 2.08 0.00
N.TROY___115KV_TB1 355778	39.62 1.00 0.00	31.26 0.97 0.00	31.25 0.97 0.00	30.31 0.91 0.00	31.51 0.95 0.00	35.10 1.02 0.00	45.40 1.41 0.00	48.42 1.50 0.00	45.19 1.15 0.00	39.12 0.73 0.00	37.80 0.74 0.00	37.07 0.76 0.00	36.17 0.71 0.00	36.52 0.82 0.00	35.52 0.87 0.12	38.14 0.89 0.01	43.30 1.22 0.00	48.41 1.46 0.00	54.45 1.69 0.00	57.13 1.72 0.00	56.82 1.65 0.00	48.58 1.51 0.00	41.62 1.25 0.00	35.13 0.99 0.00
NARROWS_GT1_1 24228	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91
NARROWS_GT1_2 24229	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91
NARROWS_GT1_3 24230	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91
NARROWS_GT1_4 24231	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91
NARROWS_GT1_5 24232	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91

NARROWS_GT1_6 24233	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91
NARROWS_GT1_7 24234	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91
NARROWS_GT1_8 24235	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91
NARROWS_GT2_1 24236	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91
NARROWS_GT2_2 24237	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91
NARROWS_GT2_3 24238	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91
NARROWS_GT2_4 24239	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91
NARROWS_GT2_5 24240	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91
NARROWS_GT2_6 24241	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91
NARROWS_GT2_7 24242	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91
NARROWS_GT2_8 24243	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	39.54 0.93 0.00	31.14 0.85 0.00	31.19 0.91 0.00	30.25 0.85 0.00	31.48 0.92 0.00	35.07 0.99 0.00	45.31 1.32 0.00	48.23 1.31 0.00	44.79 0.75 0.00	38.62 0.23 0.00	37.32 0.26 0.00	36.49 0.18 0.00	35.67 0.21 0.00	35.98 0.29 0.00	35.63 0.56 -0.30	37.89 0.60 -0.03	42.75 0.67 0.00	47.94 0.99 0.00	53.92 1.16 0.00	56.91 1.50 0.00	56.43 1.27 0.00	48.30 1.22 0.00	41.38 1.01 0.00	34.99 0.85 0.00
NCHELSEA_115KV_TR2 355582	40.43 1.81 0.00	31.87 1.58 0.00	31.83 1.54 0.00	30.87 1.47 0.00	32.06 1.50 0.00	35.78 1.70 0.00	46.32 2.33 0.00	49.59 2.67 0.00	46.82 2.77 0.00	40.73 2.34 0.00	39.36 2.30 0.00	38.60 2.29 0.00	37.76 2.30 0.00	38.09 2.39 0.00	39.07 2.36 -1.94	39.99 2.53 -0.19	45.02 2.95 0.00	50.15 3.19 0.00	56.19 3.43 0.00	59.46 4.05 0.00	58.64 3.48 0.00	50.04 2.97 0.00	42.75 2.38 0.00	36.08 1.95 0.00
NEG CAPITAL___MECHNVIL 23645	40.08 1.47 0.00	31.57 1.27 0.00	31.58 1.30 0.00	30.60 1.21 0.00	31.85 1.28 0.00	35.51 1.43 0.00	45.97 1.98 0.00	49.03 2.11 0.00	45.76 1.72 0.00	39.62 1.23 0.00	38.28 1.22 0.00	37.58 1.27 0.00	36.67 1.21 0.00	37.02 1.32 0.00	35.96 1.32 0.13	38.66 1.42 0.01	43.85 1.77 0.00	49.02 2.06 0.00	55.14 2.38 0.00	57.63 2.22 0.00	57.70 2.54 0.00	49.29 2.21 0.00	42.14 1.77 0.00	35.57 1.43 0.00
NEG CENTRAL_HIGH_ACRES 23767	38.11 -0.50 0.00	29.02 -1.27 0.00	28.86 -1.42 0.00	28.07 -1.32 0.00	29.31 -1.25 0.00	32.75 -1.33 0.00	41.93 -2.07 0.00	44.58 -2.34 0.00	41.75 -2.29 0.00	36.81 -1.58 0.00	35.47 -1.59 0.00	34.71 -1.60 0.00	33.90 -1.56 0.00	33.95 -1.75 0.00	32.89 -1.88 0.00	35.36 -1.90 0.00	39.60 -2.48 0.00	44.04 -2.91 0.00	49.81 -2.95 0.00	52.31 -3.10 0.00	52.13 -3.03 0.00	44.44 -2.64 0.00	38.35 -2.02 0.00	32.84 -1.30 0.00

NEG CENTRAL___DRP 24199	38.81 0.19 0.00	29.96 -0.33 0.00	29.86 -0.42 0.00	29.01 -0.38 0.00	30.29 -0.28 0.00	33.84 -0.24 0.00	43.64 -0.35 0.00	46.50 -0.42 0.00	43.47 -0.57 0.00	38.04 -0.35 0.00	36.69 -0.37 0.00	35.84 -0.47 0.00	34.96 -0.50 0.00	35.05 -0.64 0.00	34.01 -0.76 0.00	36.55 -0.71 0.00	41.11 -0.97 0.00	45.83 -1.13 0.00	51.65 -1.11 0.00	54.69 -0.72 0.00	54.17 -0.99 0.00	46.27 -0.80 0.00	39.72 -0.65 0.00	33.83 -0.31 0.00
NEG CENTRAL___INDECK 23768	40.31 1.70 0.00	30.32 0.03 0.00	30.07 -0.21 0.00	29.28 -0.12 0.00	30.63 0.06 0.00	34.29 0.21 0.00	43.86 -0.13 0.00	46.50 -0.42 0.00	43.20 -0.84 0.00	37.97 -0.42 0.00	36.43 -0.63 0.00	35.48 -0.83 0.00	34.61 -0.85 0.00	34.59 -1.11 0.00	33.52 -1.25 0.00	36.07 -1.19 0.00	40.39 -1.68 0.00	45.17 -1.78 0.00	51.49 -1.27 0.00	54.58 -0.83 0.00	54.56 -0.61 0.00	46.37 -0.70 0.00	40.04 -0.32 0.00	34.38 0.24 0.00
NEG CENTRAL___SENECA 23627	39.19 0.58 0.00	30.08 -0.21 0.00	29.95 -0.33 0.00	29.13 -0.26 0.00	30.41 -0.15 0.00	33.98 -0.10 0.00	43.82 -0.18 0.00	46.64 -0.28 0.00	43.56 -0.48 0.00	38.16 -0.23 0.00	36.77 -0.30 0.00	35.88 -0.44 0.00	35.00 -0.46 0.00	35.05 -0.64 0.00	33.97 -0.80 0.00	36.55 -0.71 0.00	41.03 -1.05 0.00	45.73 -1.22 0.00	51.50 -1.27 0.00	54.69 -0.72 0.00	54.11 -1.05 0.00	46.27 -0.80 0.00	39.80 -0.57 0.00	33.97 -0.17 0.00
NEG CENTRAL___STATE_STREET 24147	38.58 -0.04 0.00	29.99 -0.30 0.00	29.92 -0.36 0.00	29.04 -0.35 0.00	30.29 -0.28 0.00	33.84 -0.24 0.00	43.64 -0.35 0.00	46.54 -0.38 0.00	43.60 -0.44 0.00	38.04 -0.35 0.00	36.73 -0.33 0.00	35.91 -0.40 0.00	35.03 -0.43 0.00	35.20 -0.50 0.00	34.21 -0.56 0.00	36.74 -0.52 0.00	41.41 -0.67 0.00	46.20 -0.75 0.00	52.13 -0.63 0.00	55.03 -0.39 0.00	54.56 -0.61 0.00	46.56 -0.52 0.00	39.88 -0.48 0.00	33.86 -0.27 0.00
NEG MILLWOOD___DRP 24198	40.55 1.93 0.00	31.99 1.70 0.00	31.95 1.67 0.00	30.95 1.56 0.00	32.15 1.59 0.00	35.92 1.84 0.00	46.50 2.51 0.00	49.83 2.91 0.00	47.08 3.04 0.00	40.96 2.57 0.00	39.62 2.56 0.00	38.85 2.54 0.00	38.05 2.59 0.00	38.41 2.71 0.00	39.45 2.68 -2.00	40.33 2.87 -0.20	45.36 3.28 0.00	50.43 3.47 0.00	56.56 3.80 0.00	59.74 4.32 0.00	58.91 3.75 0.00	50.32 3.25 0.00	43.03 2.66 0.00	36.22 2.08 0.00
NEG NORTH_FLCN_SEA 23793	39.35 0.73 0.00	30.90 0.61 0.00	31.04 0.76 0.00	30.13 0.73 0.00	31.18 0.61 0.00	34.86 0.78 0.00	45.09 1.10 0.00	47.95 1.03 0.00	45.23 1.19 0.00	39.46 1.07 0.00	37.99 0.93 0.00	37.18 0.87 0.00	36.38 0.92 0.00	36.52 0.82 0.00	35.60 0.83 0.00	38.16 0.89 0.00	43.22 1.14 0.00	48.22 1.27 0.00	54.13 1.37 0.00	56.74 1.33 0.00	56.87 1.71 0.00	48.34 1.27 0.00	41.54 1.17 0.00	34.85 0.72 0.00
NEG NORTH_KES_CHATEGAY 23792	38.50 -0.12 0.00	30.26 -0.03 0.00	30.37 0.09 0.00	29.48 0.09 0.00	30.53 -0.03 0.00	34.15 0.07 0.00	44.12 0.13 0.00	46.92 0.00 0.00	44.22 0.18 0.00	38.54 0.15 0.00	37.10 0.04 0.00	36.31 0.00 0.00	35.53 0.07 0.00	35.70 0.00 0.00	34.80 0.03 0.00	37.34 0.07 0.00	42.25 0.17 0.00	47.14 0.19 0.00	52.97 0.21 0.00	55.41 0.00 0.00	55.55 0.39 0.00	47.26 0.19 0.00	40.61 0.24 0.00	34.14 0.00 0.00
NEG NORTH___ALICE_FALLS 23915	39.31 0.70 0.00	30.87 0.58 0.00	30.98 0.70 0.00	30.07 0.68 0.00	31.12 0.55 0.00	34.83 0.75 0.00	45.05 1.06 0.00	47.91 0.99 0.00	45.19 1.15 0.00	39.42 1.04 0.00	37.92 0.85 0.00	37.11 0.80 0.00	36.31 0.85 0.00	36.45 0.75 0.00	35.54 0.76 0.00	38.12 0.86 0.00	43.17 1.09 0.00	48.17 1.22 0.00	54.08 1.32 0.00	56.74 1.33 0.00	56.87 1.71 0.00	48.34 1.27 0.00	41.54 1.17 0.00	34.82 0.68 0.00
NEG NORTH___LWR_SARANAC 23913	39.31 0.70 0.00	30.87 0.58 0.00	30.98 0.70 0.00	30.07 0.68 0.00	31.12 0.55 0.00	34.83 0.75 0.00	45.05 1.06 0.00	47.91 0.99 0.00	45.19 1.15 0.00	39.42 1.04 0.00	37.92 0.85 0.00	37.11 0.80 0.00	36.31 0.85 0.00	36.45 0.75 0.00	35.54 0.76 0.00	38.12 0.86 0.00	43.17 1.09 0.00	48.17 1.22 0.00	54.08 1.32 0.00	56.74 1.33 0.00	56.87 1.71 0.00	48.34 1.27 0.00	41.54 1.17 0.00	34.82 0.68 0.00
NEG NORTH___PLATTSBURG 23628	39.31 0.70 0.00	30.87 0.57 0.00	30.98 0.70 0.00	30.07 0.68 0.00	31.12 0.55 0.00	34.83 0.75 0.00	45.05 1.05 0.00	47.91 0.99 0.00	45.19 1.14 0.00	39.42 1.04 0.00	37.92 0.85 0.00	37.11 0.80 0.00	36.31 0.85 0.00	36.45 0.75 0.00	35.53 0.76 0.00	38.12 0.86 0.00	43.17 1.09 0.00	48.17 1.22 0.00	54.08 1.32 0.00	57.19 1.77 0.00	56.87 1.71 0.00	48.35 1.27 0.00	41.54 1.17 0.00	34.82 0.68 0.00
NEG WEST_LEA_LOCKPORT 23791	38.46 -0.15 0.00	28.69 -1.61 0.00	28.31 -1.97 0.00	27.66 -1.73 0.00	28.88 -1.68 0.00	32.21 -1.87 0.00	40.82 -3.17 0.00	43.21 -3.71 0.00	40.56 -3.48 0.00	35.82 -2.57 0.00	34.62 -2.45 0.00	33.66 -2.65 0.00	32.94 -2.52 0.00	32.80 -2.89 0.00	31.81 -2.96 0.00	34.09 -3.17 0.00	37.91 -4.17 0.00	41.98 -4.98 0.00	47.64 -5.12 0.00	50.98 -4.43 0.00	50.31 -4.85 0.00	42.65 -4.42 0.00	37.26 -3.11 0.00	32.43 -1.71 0.00
NEG WEST___LANCASTR 23811	38.65 0.04 0.00	28.90 -1.39 0.00	28.49 -1.79 0.00	27.87 -1.53 0.00	29.07 -1.50 0.00	32.41 -1.67 0.00	41.35 -2.64 0.00	43.87 -3.05 0.00	41.09 -2.95 0.00	36.35 -2.03 0.00	35.14 -1.93 0.00	34.17 -2.14 0.00	33.40 -2.06 0.00	33.20 -2.50 0.00	32.23 -2.54 0.00	34.62 -2.65 0.00	38.46 -3.62 0.00	42.73 -4.23 0.00	48.43 -4.33 0.00	51.87 -3.55 0.00	51.02 -4.14 0.00	43.40 -3.67 0.00	37.70 -2.66 0.00	32.63 -1.50 0.00
NEG_PENN_ALLEGHNY 23528	39.12 0.50 0.00	30.35 0.06 0.00	30.28 0.00 0.00	29.43 0.03 0.00	30.66 0.09 0.00	34.18 0.10 0.00	44.12 0.13 0.00	47.06 0.14 0.00	44.09 0.04 0.00	38.62 0.23 0.00	37.29 0.22 0.00	36.49 0.18 0.00	35.60 0.14 0.00	35.73 0.04 0.00	34.82 -0.03 -0.08	37.31 0.04 -0.01	41.91 -0.17 0.00	46.77 -0.19 0.00	52.66 -0.11 0.00	55.36 -0.06 0.00	55.05 -0.11 0.00	47.03 -0.05 0.00	40.37 0.00 0.00	34.31 0.17 0.00
NEG___GEN_MONROE 24207	39.08 0.46 0.00	29.54 -0.76 0.00	29.25 -1.03 0.00	28.51 -0.88 0.00	29.77 -0.79 0.00	33.30 -0.78 0.00	42.36 -1.63 0.00	45.00 -1.92 0.00	42.24 -1.81 0.00	37.12 -1.27 0.00	35.80 -1.26 0.00	34.93 -1.38 0.00	34.01 -1.45 0.00	34.02 -1.68 0.00	33.03 -1.74 0.00	35.44 -1.83 0.00	39.64 -2.44 0.00	44.04 -2.91 0.00	49.91 -2.85 0.00	53.20 -2.22 0.00	52.73 -2.43 0.00	44.72 -2.35 0.00	38.83 -1.53 0.00	33.42 -0.72 0.00
NEPA___ENERGY 23901	39.43 0.81 0.00	29.57 -0.73 0.00	29.16 -1.12 0.00	28.49 -0.91 0.00	29.77 -0.79 0.00	33.16 -0.92 0.00	42.36 -1.63 0.00	44.90 -2.02 0.00	41.97 -2.07 0.00	37.20 -1.19 0.00	35.99 -1.07 0.00	34.97 -1.34 0.00	34.15 -1.31 0.00	33.98 -1.71 0.00	32.96 -1.81 0.00	35.44 -1.83 0.00	39.34 -2.74 0.00	43.71 -3.24 0.00	49.54 -3.22 0.00	53.09 -2.33 0.00	52.18 -2.98 0.00	44.39 -2.68 0.00	38.55 -1.82 0.00	33.35 -0.79 0.00

NEVERSINK___HYD 23608	40.58 1.97 0.00	31.93 1.63 0.00	31.92 1.63 0.00	30.95 1.56 0.00	32.21 1.65 0.00	35.95 1.87 0.00	46.50 2.51 0.00	49.74 2.82 0.00	46.90 2.86 0.00	40.61 2.23 0.00	39.29 2.22 0.00	38.42 2.11 0.00	37.62 2.16 0.00	37.95 2.25 0.00	38.47 2.19 -1.50	39.76 2.35 -0.15	44.86 2.78 0.00	50.10 3.15 0.00	56.14 3.38 0.00	59.18 3.77 0.00	58.80 3.64 0.00	50.18 3.11 0.00	42.83 2.46 0.00	36.22 2.08 0.00
NEWKRMKL_115KV_TB1 55635	39.08 0.46 0.00	30.87 0.58 0.00	30.86 0.58 0.00	29.93 0.53 0.00	31.12 0.55 0.00	34.66 0.58 0.00	44.74 0.75 0.00	47.76 0.84 0.00	44.61 0.57 0.00	38.73 0.35 0.00	37.47 0.41 0.00	36.64 0.33 0.00	35.78 0.32 0.00	36.12 0.43 0.00	35.23 0.59 0.13	37.84 0.60 0.01	42.84 0.76 0.00	47.75 0.80 0.00	53.66 0.90 0.00	56.30 0.89 0.00	55.88 0.72 0.00	47.78 0.71 0.00	41.05 0.69 0.00	34.65 0.51 0.00
NEWTON___FALLS_HYD 23847	37.42 -1.20 0.00	29.35 -0.94 0.00	29.43 -0.85 0.00	28.57 -0.82 0.00	29.71 -0.86 0.00	33.30 -0.78 0.00	43.02 -0.97 0.00	45.65 -1.27 0.00	42.85 -1.19 0.00	37.16 -1.23 0.00	35.84 -1.22 0.00	35.00 -1.31 0.00	34.15 -1.31 0.00	34.30 -1.39 0.00	33.48 -1.29 0.00	35.96 -1.30 0.00	40.77 -1.30 0.00	45.64 -1.31 0.00	51.44 -1.32 0.00	54.31 -1.11 0.00	54.33 -0.83 0.00	46.32 -0.75 0.00	39.84 -0.52 0.00	33.42 -0.72 0.00
NGRID_A1_DSASP 323792	38.19 -0.42 0.00	28.51 -1.79 0.00	28.13 -2.15 0.00	27.51 -1.88 0.00	28.70 -1.87 0.00	32.00 -2.08 0.00	40.52 -3.48 0.00	42.79 -4.13 0.00	39.90 -4.14 0.00	35.55 -2.84 0.00	34.25 -2.82 0.00	33.44 -2.87 0.00	32.76 -2.70 0.00	32.63 -3.07 0.00	31.64 -3.13 0.00	33.91 -3.35 0.00	37.66 -4.42 0.00	41.65 -5.31 0.00	47.27 -5.49 0.00	49.60 -5.82 0.00	49.42 -5.74 0.00	42.23 -4.85 0.00	36.94 -3.43 0.00	32.19 -1.94 0.00
NGRID_A2_DSASP 323793	38.19 -0.42 0.00	28.51 -1.79 0.00	28.13 -2.15 0.00	27.51 -1.88 0.00	28.70 -1.87 0.00	32.00 -2.08 0.00	40.52 -3.48 0.00	42.79 -4.13 0.00	39.90 -4.14 0.00	35.55 -2.84 0.00	34.25 -2.82 0.00	33.44 -2.87 0.00	32.76 -2.70 0.00	32.63 -3.07 0.00	31.64 -3.13 0.00	33.91 -3.35 0.00	37.66 -4.42 0.00	41.65 -5.31 0.00	47.27 -5.49 0.00	49.60 -5.82 0.00	49.42 -5.74 0.00	42.23 -4.85 0.00	36.94 -3.43 0.00	32.19 -1.94 0.00
NGRID_A4_DSASP 323807	38.19 -0.42 0.00	28.51 -1.79 0.00	28.13 -2.15 0.00	27.51 -1.88 0.00	28.70 -1.87 0.00	32.00 -2.08 0.00	40.52 -3.48 0.00	42.79 -4.13 0.00	39.90 -4.14 0.00	35.55 -2.84 0.00	34.25 -2.82 0.00	33.44 -2.87 0.00	32.76 -2.70 0.00	32.63 -3.07 0.00	31.64 -3.13 0.00	33.91 -3.35 0.00	37.66 -4.42 0.00	41.65 -5.31 0.00	47.27 -5.49 0.00	49.60 -5.82 0.00	49.42 -5.74 0.00	42.23 -4.85 0.00	36.94 -3.43 0.00	32.19 -1.94 0.00
NIAGARA_115E_LBMP 323715	37.80 -0.81 0.00	28.20 -2.09 0.00	27.83 -2.45 0.00	27.22 -2.18 0.00	28.40 -2.17 0.00	31.66 -2.42 0.00	40.08 -3.92 0.00	42.37 -4.55 0.00	39.51 -4.54 0.00	35.16 -3.22 0.00	33.88 -3.19 0.00	33.08 -3.23 0.00	32.37 -3.09 0.00	32.23 -3.46 0.00	31.26 -3.51 0.00	33.54 -3.73 0.00	37.24 -4.84 0.00	41.22 -5.73 0.00	46.80 -5.96 0.00	49.15 -6.26 0.00	48.98 -6.18 0.00	41.80 -5.27 0.00	36.57 -3.80 0.00	31.85 -2.29 0.00
NIAGARA_115W_LBMP 323714	38.07 -0.54 0.00	28.42 -1.88 0.00	28.07 -2.21 0.00	27.46 -1.94 0.00	28.64 -1.92 0.00	31.90 -2.18 0.00	40.43 -3.56 0.00	42.65 -4.27 0.00	39.77 -4.27 0.00	35.43 -2.96 0.00	34.13 -2.93 0.00	33.37 -2.94 0.00	32.69 -2.77 0.00	32.55 -3.14 0.00	31.57 -3.20 0.00	33.83 -3.43 0.00	37.58 -4.50 0.00	41.55 -5.40 0.00	47.17 -5.59 0.00	49.49 -5.93 0.00	49.31 -5.85 0.00	42.13 -4.94 0.00	36.86 -3.51 0.00	32.12 -2.01 0.00
NIAGARA_230_LBMP 323716	38.11 -0.50 0.00	28.51 -1.79 0.00	28.16 -2.12 0.00	27.51 -1.88 0.00	28.73 -1.83 0.00	32.00 -2.08 0.00	40.61 -3.39 0.00	42.84 -4.08 0.00	39.95 -4.09 0.00	35.59 -2.80 0.00	34.28 -2.78 0.00	33.52 -2.80 0.00	32.80 -2.66 0.00	32.66 -3.03 0.00	31.68 -3.09 0.00	33.98 -3.28 0.00	37.75 -4.33 0.00	41.74 -5.21 0.00	47.38 -5.38 0.00	49.76 -5.65 0.00	49.59 -5.57 0.00	42.32 -4.75 0.00	37.02 -3.35 0.00	32.23 -1.91 0.00
NIAGARA___115KV_198_GIBSON 55903	38.00 -0.62 0.00	28.45 -1.85 0.00	28.07 -2.21 0.00	27.46 -1.94 0.00	28.64 -1.93 0.00	31.90 -2.18 0.00	40.43 -3.56 0.00	42.70 -4.22 0.00	40.08 -3.96 0.00	35.43 -2.96 0.00	34.28 -2.78 0.00	33.37 -2.94 0.00	32.69 -2.77 0.00	32.52 -3.18 0.00	31.57 -3.20 0.00	33.83 -3.43 0.00	37.58 -4.50 0.00	41.55 -5.40 0.00	47.17 -5.59 0.00	50.37 -5.04 0.00	49.65 -5.52 0.00	42.13 -4.94 0.00	36.86 -3.51 0.00	32.12 -2.01 0.00
NIAGARA____ 23760	38.11 -0.50 0.00	28.51 -1.79 0.00	28.16 -2.12 0.00	27.51 -1.88 0.00	28.73 -1.83 0.00	32.00 -2.08 0.00	40.61 -3.39 0.00	42.84 -4.08 0.00	39.95 -4.09 0.00	35.59 -2.80 0.00	34.28 -2.78 0.00	33.52 -2.80 0.00	32.80 -2.66 0.00	32.66 -3.03 0.00	31.68 -3.09 0.00	33.98 -3.28 0.00	37.75 -4.33 0.00	41.74 -5.21 0.00	47.38 -5.38 0.00	49.76 -5.65 0.00	49.59 -5.57 0.00	42.32 -4.75 0.00	37.02 -3.35 0.00	32.23 -1.91 0.00
NINE_MILE_1 23575	37.53 -1.08 0.00	29.35 -0.94 0.00	29.28 -1.00 0.00	28.45 -0.94 0.00	29.62 -0.95 0.00	33.06 -1.02 0.00	42.58 -1.41 0.00	45.37 -1.55 0.00	42.50 -1.54 0.00	37.12 -1.27 0.00	35.84 -1.22 0.00	35.11 -1.20 0.00	34.29 -1.17 0.00	34.48 -1.21 0.00	33.52 -1.25 0.00	35.96 -1.31 0.00	40.57 -1.51 0.00	45.22 -1.74 0.00	50.91 -1.85 0.00	53.42 -1.99 0.00	53.18 -1.98 0.00	45.38 -1.69 0.00	38.95 -1.41 0.00	33.04 -1.09 0.00
NINE_MILE_2 23744	37.53 -1.08 0.00	29.35 -0.94 0.00	29.31 -0.97 0.00	28.45 -0.94 0.00	29.62 -0.95 0.00	33.06 -1.02 0.00	42.58 -1.41 0.00	45.37 -1.55 0.00	42.50 -1.54 0.00	37.16 -1.23 0.00	35.84 -1.22 0.00	35.11 -1.20 0.00	34.29 -1.17 0.00	34.48 -1.21 0.00	33.52 -1.25 0.00	35.96 -1.31 0.00	40.57 -1.51 0.00	45.22 -1.74 0.00	50.91 -1.85 0.00	53.42 -1.99 0.00	53.18 -1.98 0.00	45.38 -1.69 0.00	38.95 -1.41 0.00	33.04 -1.09 0.00
NM_CAPITAL___DRP 24208	39.19 0.58 0.00	30.96 0.67 0.00	30.95 0.67 0.00	30.01 0.62 0.00	31.21 0.64 0.00	34.73 0.65 0.00	44.87 0.88 0.00	47.91 0.99 0.00	44.79 0.75 0.00	38.85 0.46 0.00	37.58 0.52 0.00	36.75 0.44 0.00	35.85 0.39 0.00	36.23 0.54 0.00	35.32 0.66 0.11	37.92 0.67 0.01	42.92 0.84 0.00	47.94 0.99 0.00	53.82 1.06 0.00	56.47 1.05 0.00	56.10 0.94 0.00	47.97 0.89 0.00	41.18 0.81 0.00	34.75 0.61 0.00
NM_CENTRAL___DRP 24181	38.31 -0.31 0.00	29.87 -0.42 0.00	29.80 -0.48 0.00	28.96 -0.44 0.00	30.17 -0.40 0.00	33.67 -0.41 0.00	43.42 -0.57 0.00	46.31 -0.61 0.00	43.43 -0.62 0.00	37.93 -0.46 0.00	36.66 -0.41 0.00	35.88 -0.44 0.00	35.03 -0.43 0.00	35.20 -0.50 0.00	34.21 -0.56 0.00	36.70 -0.56 0.00	41.36 -0.72 0.00	46.11 -0.85 0.00	51.92 -0.84 0.00	54.75 -0.66 0.00	54.28 -0.88 0.00	46.32 -0.75 0.00	39.72 -0.65 0.00	33.69 -0.44 0.00

NM_FRONTIER___DRP 24179	38.00 -0.62 0.00	28.45 -1.85 0.00	28.07 -2.21 0.00	27.46 -1.94 0.00	28.64 -1.93 0.00	31.90 -2.18 0.00	40.43 -3.56 0.00	42.70 -4.22 0.00	40.08 -3.96 0.00	35.43 -2.96 0.00	34.28 -2.78 0.00	33.37 -2.94 0.00	32.69 -2.77 0.00	32.52 -3.18 0.00	31.57 -3.20 0.00	33.83 -3.43 0.00	37.58 -4.50 0.00	41.55 -5.40 0.00	47.17 -5.59 0.00	50.37 -5.04 0.00	49.65 -5.52 0.00	42.13 -4.94 0.00	36.86 -3.51 0.00	32.12 -2.01 0.00
NM_ST_REGIS___HYD 24053	37.65 -0.97 0.00	29.60 -0.70 0.00	29.74 -0.55 0.00	28.87 -0.53 0.00	29.89 -0.67 0.00	33.43 -0.65 0.00	43.24 -0.75 0.00	45.89 -1.03 0.00	43.25 -0.79 0.00	37.66 -0.73 0.00	36.25 -0.82 0.00	35.48 -0.84 0.00	34.68 -0.78 0.00	34.80 -0.89 0.00	34.01 -0.76 0.00	36.44 -0.82 0.00	41.32 -0.76 0.00	46.11 -0.85 0.00	51.81 -0.95 0.00	54.31 -1.11 0.00	54.56 -0.61 0.00	46.46 -0.61 0.00	40.09 -0.28 0.00	33.59 -0.55 0.00
NORTHPORT___1 23551	41.48 2.86 -0.01	32.79 2.48 -0.01	32.68 2.39 -0.01	31.63 2.23 0.00	32.87 2.29 -0.01	36.71 2.62 -0.01	46.85 2.86 0.00	49.83 2.91 0.00	47.74 3.70 0.00	41.93 3.53 -0.01	40.11 3.04 -0.01	39.33 3.01 -0.01	38.45 2.98 -0.01	38.74 3.03 -0.01	42.36 2.95 -4.64	46.00 2.80 -5.94	49.02 3.16 -3.78	52.18 3.33 -1.90	56.52 3.75 -0.01	68.53 3.82 -9.30	69.26 3.75 -10.34	55.73 3.25 -5.41	44.92 2.99 -1.56	41.70 2.80 -4.76
NORTHPORT___2 23552	41.48 2.86 -0.01	32.79 2.48 -0.01	32.68 2.39 -0.01	31.63 2.23 0.00	32.87 2.29 -0.01	36.71 2.62 -0.01	46.85 2.86 0.00	49.83 2.91 0.00	47.74 3.70 0.00	41.93 3.53 -0.01	40.11 3.04 -0.01	39.33 3.01 -0.01	38.45 2.98 -0.01	38.74 3.03 -0.01	42.36 2.95 -4.64	46.00 2.80 -5.94	49.02 3.16 -3.78	52.18 3.33 -1.90	56.52 3.75 -0.01	68.53 3.82 -9.30	69.26 3.75 -10.34	55.73 3.25 -5.41	44.92 2.99 -1.56	41.70 2.80 -4.76
NORTHPORT___3 23553	41.87 3.24 -0.01	33.06 2.76 -0.01	32.95 2.67 -0.01	31.93 2.53 0.00	33.14 2.57 -0.01	37.02 2.93 -0.01	47.55 3.56 0.00	50.72 3.80 0.00	48.45 4.40 0.00	42.35 3.95 -0.01	40.52 3.45 -0.01	39.73 3.41 -0.01	38.84 3.37 -0.01	39.13 3.43 -0.01	42.77 3.37 -4.63	46.66 3.47 -5.93	49.69 3.83 -3.79	52.94 4.08 -1.90	57.32 4.54 -0.02	69.30 4.60 -9.29	70.02 4.52 -10.34	56.34 3.86 -5.41	45.37 3.43 -1.57	41.91 3.00 -4.76
NORTHPORT___4 23650	41.87 3.24 -0.01	33.06 2.76 -0.01	32.95 2.67 -0.01	31.93 2.53 0.00	33.14 2.57 -0.01	37.02 2.93 -0.01	47.55 3.56 0.00	50.72 3.80 0.00	48.45 4.40 0.00	42.35 3.95 -0.01	40.52 3.45 -0.01	39.73 3.41 -0.01	38.84 3.37 -0.01	39.13 3.43 -0.01	42.77 3.37 -4.63	46.66 3.47 -5.93	49.69 3.83 -3.79	52.94 4.08 -1.90	57.32 4.54 -0.02	69.30 4.60 -9.29	70.02 4.52 -10.34	56.34 3.86 -5.41	45.37 3.43 -1.57	41.91 3.00 -4.76
NORTHPORT___IC 23718	41.48 2.86 -0.01	32.79 2.48 -0.01	32.64 2.36 0.00	31.63 2.23 0.00	32.86 2.29 0.00	36.70 2.62 0.00	46.90 2.90 0.00	49.83 2.91 0.00	47.48 3.44 0.00	41.93 3.53 -0.01	40.11 3.04 -0.01	39.33 3.01 -0.01	38.45 2.98 -0.01	38.77 3.07 -0.01	42.36 2.96 -4.64	45.99 2.79 -5.94	49.02 3.16 -3.78	52.18 3.33 -1.90	56.52 3.75 -0.01	68.98 4.27 -9.30	69.26 3.75 -10.34	55.78 3.30 -5.41	44.88 2.95 -1.56	41.67 2.77 -4.76
NORTH___COUNTRY_ESR 323785	38.42 -0.19 0.00	30.20 -0.09 0.00	30.28 0.00 0.00	29.43 0.03 0.00	30.47 -0.09 0.00	34.05 -0.03 0.00	43.99 0.00 0.00	46.83 -0.09 0.00	44.13 0.09 0.00	38.50 0.12 0.00	37.06 0.00 0.00	36.31 0.00 0.00	35.49 0.04 0.00	35.66 -0.04 0.00	34.80 0.03 0.00	37.30 0.04 0.00	42.21 0.13 0.00	47.05 0.09 0.00	52.81 0.05 0.00	55.75 0.33 0.00	55.38 0.22 0.00	47.12 0.05 0.00	40.53 0.16 0.00	34.03 -0.10 0.00
NPX_GEN_1385_PROXY 323591	40.16 2.70 1.16	32.73 2.42 -0.01	32.60 2.33 0.01	31.60 2.21 0.00	32.84 2.26 -0.01	36.65 2.56 -0.01	46.16 2.68 0.52	45.96 2.77 3.73	43.00 3.52 4.57	38.60 3.38 3.17	39.09 2.93 0.90	38.70 2.87 0.48	38.33 2.87 0.00	38.63 2.93 -0.01	39.00 2.82 -1.41	37.62 2.65 2.29	41.00 2.99 4.07	47.40 3.19 2.75	53.80 3.54 2.50	53.00 3.60 6.01	56.30 3.58 2.45	47.26 3.06 2.87	44.54 2.82 -1.35	39.41 2.66 -2.61
NPX_GEN_CSC 323557	42.10 3.48 -0.01	33.30 3.00 -0.01	33.13 2.85 -0.01	32.10 2.70 0.00	33.38 2.81 -0.01	37.29 3.20 -0.01	47.73 3.74 0.00	50.72 3.80 0.00	48.62 4.58 0.00	42.54 4.15 -0.01	40.67 3.59 -0.01	39.88 3.56 -0.01	38.91 3.44 -0.01	39.31 3.60 -0.01	43.00 3.55 -4.68	46.94 3.65 -6.03	50.09 4.17 -3.84	53.43 4.55 -1.93	57.95 5.17 -0.01	70.29 5.43 -9.44	71.08 5.41 -10.50	57.23 4.66 -5.49	46.23 4.28 -1.59	42.73 3.76 -4.84
NSINS_S_GLNS_FALLS 23858	40.12 1.51 0.00	31.57 1.27 0.00	31.58 1.30 0.00	30.60 1.21 0.00	31.88 1.31 0.00	35.58 1.50 0.00	46.15 2.16 0.00	49.17 2.25 0.00	45.85 1.81 0.00	39.69 1.31 0.00	38.32 1.26 0.00	37.80 1.49 0.00	36.88 1.42 0.00	37.16 1.46 0.00	35.98 1.36 0.15	38.74 1.49 0.01	43.93 1.85 0.00	49.07 2.11 0.00	55.29 2.53 0.00	58.19 2.77 0.00	57.86 2.70 0.00	49.52 2.45 0.00	42.27 1.90 0.00	35.60 1.47 0.00
NUCOR_STEEL___DRP 24197	38.65 0.04 0.00	30.05 -0.24 0.00	29.98 -0.30 0.00	29.13 -0.26 0.00	30.38 -0.18 0.00	33.91 -0.17 0.00	43.68 -0.31 0.00	46.59 -0.33 0.00	43.65 -0.40 0.00	38.08 -0.31 0.00	36.77 -0.30 0.00	35.98 -0.33 0.00	35.10 -0.35 0.00	35.27 -0.43 0.00	34.25 -0.52 0.00	36.78 -0.48 0.00	41.45 -0.63 0.00	46.25 -0.70 0.00	52.18 -0.58 0.00	55.08 -0.33 0.00	54.67 -0.50 0.00	46.60 -0.47 0.00	39.96 -0.40 0.00	33.97 -0.17 0.00
NUMBER_THREE_WT_PWR 323818	38.30 -0.31 0.00	29.99 -0.30 0.00	30.04 -0.24 0.00	29.16 -0.24 0.00	30.41 -0.15 0.00	34.08 0.00 0.00	44.04 0.04 0.00	46.78 -0.14 0.00	43.74 -0.31 0.00	37.85 -0.54 0.00	36.54 -0.52 0.00	35.66 -0.65 0.00	34.71 -0.75 0.00	34.91 -0.79 0.00	34.04 -0.73 0.00	36.59 -0.67 0.00	41.53 -0.55 0.00	46.58 -0.38 0.00	52.66 -0.11 0.00	55.75 0.33 0.00	55.60 0.44 0.00	47.45 0.37 0.00	40.65 0.28 0.00	34.10 -0.03 0.00
NYISO_LBMP_REFERENCE 24008	38.61 0.00 0.00	30.29 0.00 0.00	30.28 0.00 0.00	29.40 0.00 0.00	30.57 0.00 0.00	34.08 0.00 0.00	43.99 0.00 0.00	46.92 0.00 0.00	44.04 0.00 0.00	38.39 0.00 0.00	37.06 0.00 0.00	36.31 0.00 0.00	35.46 0.00 0.00	35.70 0.00 0.00	34.77 0.00 0.00	37.26 0.00 0.00	42.08 0.00 0.00	46.95 0.00 0.00	52.76 0.00 0.00	55.41 0.00 0.00	55.16 0.00 0.00	47.07 0.00 0.00	40.37 0.00 0.00	34.14 0.00 0.00
NYPA_BRENTWD____GT 24164	41.98 3.36 -0.01	33.18 2.88 -0.01	33.02 2.73 -0.01	31.95 2.56 0.00	33.20 2.63 -0.01	37.12 3.03 -0.01	47.47 3.47 0.00	50.53 3.61 0.00	48.36 4.32 0.00	42.39 3.99 -0.01	40.56 3.48 -0.01	39.77 3.45 -0.01	38.84 3.37 -0.01	39.21 3.50 -0.01	42.90 3.41 -4.72	46.80 3.43 -6.12	49.85 3.87 -3.90	53.04 4.13 -1.96	57.47 4.69 -0.01	69.82 4.82 -9.59	70.57 4.74 -10.67	56.75 4.09 -5.58	45.69 3.71 -1.61	42.36 3.31 -4.91

NYPA_GOWANUS____GT5 24156	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91
NYPA_GOWANUS____GT6 24157	50.85 2.43 -9.80	48.28 2.09 -15.89	48.49 2.00 -16.21	48.46 1.91 -17.15	47.90 1.86 -15.47	48.54 2.04 -12.42	51.86 2.68 -5.19	55.32 3.33 -5.07	53.09 3.61 -5.43	53.03 3.22 -11.42	52.80 3.22 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.50 3.35 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.09 4.13 0.00	57.09 4.33 0.00	59.80 4.38 -0.01	59.41 4.25 0.00	57.35 3.53 -6.75	51.80 2.87 -8.56	50.43 2.39 -13.91
NYPA_HARLEM__RVR__GT1 24160	40.66 2.05 0.00	32.20 1.91 0.00	32.13 1.85 0.00	31.22 1.82 0.00	32.21 1.65 0.00	35.84 1.77 0.01	46.36 2.37 0.01	49.92 3.01 0.01	47.29 3.26 0.01	41.34 2.96 0.01	40.02 2.97 0.01	39.28 2.98 0.01	38.39 2.94 0.01	38.79 3.10 0.01	39.85 3.09 -1.99	40.69 3.24 -0.19	45.69 3.62 0.01	50.65 3.71 0.01	56.60 3.85 0.01	59.34 3.93 0.01	58.91 3.75 0.01	50.22 3.15 0.01	42.90 2.54 0.01	36.18 2.05 0.01
NYPA_HARLEM__RVR__GT2 24161	40.66 2.05 0.00	32.20 1.91 0.00	32.13 1.85 0.00	31.22 1.82 0.00	32.21 1.65 0.00	35.84 1.77 0.01	46.36 2.37 0.01	49.92 3.01 0.01	47.29 3.26 0.01	41.34 2.96 0.01	40.02 2.97 0.01	39.28 2.98 0.01	38.39 2.94 0.01	38.79 3.10 0.01	39.85 3.09 -1.99	40.69 3.24 -0.19	45.69 3.62 0.01	50.65 3.71 0.01	56.60 3.85 0.01	59.34 3.93 0.01	58.91 3.75 0.01	50.22 3.15 0.01	42.90 2.54 0.01	36.18 2.05 0.01
NYPA_KENT____GT 24152	46.54 2.32 -5.61	41.42 2.03 -9.10	56.54 1.94 -24.32	22.67 1.85 8.58	55.58 1.80 -23.21	54.72 2.01 -18.63	54.41 2.64 -7.78	57.81 3.28 -7.61	55.72 3.52 -8.15	58.70 3.18 -17.13	58.98 3.15 -18.77	58.90 3.20 -19.40	59.34 3.15 -20.73	59.16 3.28 -20.18	58.55 3.30 -20.48	35.08 3.47 5.65	59.14 3.87 -13.19	50.99 4.04 0.00	56.98 4.22 0.00	59.69 4.27 -0.01	59.30 4.14 0.00	60.63 3.43 -10.12	56.00 2.78 -12.85	57.28 2.29 -20.86
NYPA_POUCH1____GT 24155	50.85 2.43 -9.80	48.34 2.15 -15.89	48.46 1.97 -16.21	48.43 1.88 -17.15	47.87 1.83 -15.47	48.47 1.98 -12.42	51.73 2.55 -5.19	55.09 3.10 -5.07	52.87 3.39 -5.43	52.88 3.07 -11.42	52.65 3.07 -12.51	52.33 3.08 -12.93	52.36 3.08 -13.82	52.36 3.21 -13.45	52.32 3.23 -14.32	52.55 3.39 -11.90	54.70 3.83 -8.79	50.94 3.99 0.00	56.88 4.12 0.00	59.58 4.16 -0.01	59.19 4.02 0.00	57.16 3.34 -6.75	51.68 2.75 -8.56	50.36 2.32 -13.91
NYPA_VERNON____GT2 24162	42.24 2.20 -1.42	34.57 1.97 -2.31	32.16 1.88 0.00	31.19 1.79 0.00	32.31 1.74 0.00	36.02 1.94 0.00	46.59 2.59 0.00	50.15 3.24 0.00	47.52 3.48 0.00	41.50 3.11 0.00	40.18 3.11 0.00	39.44 3.12 0.00	38.58 3.12 0.00	38.94 3.25 0.00	40.00 3.23 -2.00	40.85 3.39 -0.20	45.87 3.79 0.00	50.90 3.94 0.00	56.88 4.12 0.00	59.57 4.16 0.00	59.19 4.02 0.00	50.47 3.39 0.00	43.07 2.70 0.00	36.35 2.22 0.00
NYPA_VERNON____GT3 24163	42.24 2.20 -1.42	34.57 1.97 -2.31	32.16 1.88 0.00	31.19 1.79 0.00	32.31 1.74 0.00	36.02 1.94 0.00	46.59 2.59 0.00	50.15 3.24 0.00	47.52 3.48 0.00	41.50 3.11 0.00	40.18 3.11 0.00	39.44 3.12 0.00	38.58 3.12 0.00	38.94 3.25 0.00	40.00 3.23 -2.00	40.85 3.39 -0.20	45.87 3.79 0.00	50.90 3.94 0.00	56.88 4.12 0.00	59.57 4.16 0.00	59.19 4.02 0.00	50.47 3.39 0.00	43.07 2.70 0.00	36.35 2.22 0.00
NYPA____ASTORIA_CC1 323568	40.78 2.16 0.00	32.23 1.94 0.00	32.13 1.85 0.00	31.19 1.79 0.00	32.28 1.71 0.00	35.99 1.91 0.00	46.54 2.55 0.00	50.11 3.19 0.00	47.48 3.44 0.00	41.50 3.11 0.00	40.14 3.07 0.00	39.40 3.08 0.00	38.54 3.08 0.00	38.91 3.21 0.00	40.00 3.23 -2.00	40.81 3.35 -0.20	45.82 3.74 0.00	50.80 3.85 0.00	56.82 4.06 0.00	59.52 4.10 0.00	59.14 3.97 0.00	50.37 3.29 0.00	43.03 2.66 0.00	36.32 2.19 0.00
NYPA____ASTORIA_CC2 323569	40.78 2.16 0.00	32.23 1.94 0.00	32.13 1.85 0.00	31.19 1.79 0.00	32.28 1.71 0.00	35.99 1.91 0.00	46.54 2.55 0.00	50.11 3.19 0.00	47.48 3.44 0.00	41.50 3.11 0.00	40.14 3.07 0.00	39.40 3.08 0.00	38.54 3.08 0.00	38.91 3.21 0.00	40.00 3.23 -2.00	40.81 3.35 -0.20	45.82 3.74 0.00	50.80 3.85 0.00	56.82 4.06 0.00	59.52 4.10 0.00	59.14 3.97 0.00	50.37 3.29 0.00	43.03 2.66 0.00	36.32 2.19 0.00
NYPA____HOLTSVILL 23794	41.83 3.20 -0.01	33.09 2.79 -0.01	32.92 2.63 -0.01	31.89 2.50 0.00	33.14 2.57 -0.01	36.98 2.90 -0.01	47.29 3.30 0.00	50.30 3.38 0.00	48.14 4.10 0.00	42.16 3.76 -0.01	40.33 3.26 -0.01	39.55 3.23 -0.01	38.66 3.19 -0.01	38.99 3.28 -0.01	42.68 3.23 -4.67	46.52 3.24 -6.02	49.58 3.66 -3.84	52.82 3.94 -1.92	57.20 4.43 -0.01	69.44 4.60 -9.43	70.18 4.52 -10.49	56.46 3.90 -5.49	45.55 3.59 -1.59	42.21 3.24 -4.83
NYPA____HELLGATE_GT1 24158	40.66 2.05 0.00	32.20 1.91 0.00	32.13 1.85 0.00	31.22 1.82 0.00	32.21 1.65 0.00	35.84 1.77 0.01	46.36 2.37 0.01	49.92 3.01 0.01	47.29 3.26 0.01	41.34 2.96 0.01	40.02 2.97 0.01	39.28 2.98 0.01	38.39 2.94 0.01	38.79 3.10 0.01	39.85 3.09 -1.99	40.69 3.24 -0.19	45.69 3.62 0.01	50.65 3.71 0.01	56.60 3.85 0.01	59.34 3.93 0.01	58.91 3.75 0.01	50.22 3.15 0.01	42.90 2.54 0.01	36.18 2.05 0.01
NYPA____HELLGATE_GT2 24159	40.66 2.05 0.00	32.20 1.91 0.00	32.13 1.85 0.00	31.22 1.82 0.00	32.21 1.65 0.00	35.84 1.77 0.01	46.36 2.37 0.01	49.92 3.01 0.01	47.29 3.26 0.01	41.34 2.96 0.01	40.02 2.97 0.01	39.28 2.98 0.01	38.39 2.94 0.01	38.79 3.10 0.01	39.85 3.09 -1.99	40.69 3.24 -0.19	45.69 3.62 0.01	50.65 3.71 0.01	56.60 3.85 0.01	59.34 3.93 0.01	58.91 3.75 0.01	50.22 3.15 0.01	42.90 2.54 0.01	36.18 2.05 0.01
NYS_BARGE__HYD 23848	38.54 -0.08 0.00	28.66 -1.64 0.00	28.28 -2.00 0.00	27.66 -1.73 0.00	28.85 -1.71 0.00	32.21 -1.87 0.00	40.78 -3.21 0.00	43.16 -3.76 0.00	40.25 -3.79 0.00	35.82 -2.57 0.00	34.43 -2.63 0.00	33.63 -2.69 0.00	32.91 -2.55 0.00	32.77 -2.93 0.00	31.78 -2.99 0.00	34.09 -3.17 0.00	37.87 -4.21 0.00	41.93 -5.02 0.00	47.64 -5.12 0.00	50.09 -5.32 0.00	49.97 -5.19 0.00	42.65 -4.43 0.00	37.26 -3.11 0.00	32.40 -1.74 0.00
OAK_ORCHARD__HYD 24046	38.77 0.16 0.00	29.41 -0.88 0.00	29.19 -1.09 0.00	28.43 -0.97 0.00	29.65 -0.92 0.00	33.16 -0.92 0.00	42.28 -1.72 0.00	44.90 -2.02 0.00	42.02 -2.03 0.00	37.12 -1.27 0.00	35.77 -1.30 0.00	35.01 -1.31 0.00	34.18 -1.28 0.00	34.20 -1.50 0.00	33.17 -1.60 0.00	35.66 -1.60 0.00	39.85 -2.23 0.00	44.28 -2.67 0.00	50.12 -2.64 0.00	52.65 -2.77 0.00	52.52 -2.65 0.00	44.72 -2.35 0.00	38.71 -1.66 0.00	33.28 -0.85 0.00

OAKDALE___35_KV_LOAD 356122	39.04 0.42 0.00	30.32 0.03 0.00	30.22 -0.06 0.00	29.37 -0.03 0.00	30.63 0.06 0.00	34.11 0.03 0.00	44.04 0.04 0.00	46.92 0.00 0.00	44.00 -0.04 0.00	38.50 0.12 0.00	37.21 0.15 0.00	36.38 0.07 0.00	35.53 0.07 0.00	35.66 -0.04 0.00	34.74 -0.10 -0.08	37.19 -0.07 -0.01	41.83 -0.25 0.00	46.67 -0.28 0.00	52.55 -0.21 0.00	55.64 0.22 0.00	55.00 -0.17 0.00	46.93 -0.14 0.00	40.29 -0.08 0.00	34.24 0.10 0.00
OCC_CHEM___DRP 24175	38.11 -0.50 0.00	28.51 -1.79 0.00	28.13 -2.15 0.00	27.52 -1.88 0.00	28.70 -1.86 0.00	32.00 -2.08 0.00	40.52 -3.48 0.00	42.84 -4.08 0.00	40.17 -3.88 0.00	35.55 -2.84 0.00	34.36 -2.71 0.00	33.44 -2.87 0.00	32.76 -2.69 0.00	32.63 -3.07 0.00	31.64 -3.13 0.00	33.91 -3.35 0.00	37.66 -4.42 0.00	41.65 -5.31 0.00	47.27 -5.49 0.00	50.54 -4.88 0.00	49.81 -5.35 0.00	42.23 -4.85 0.00	36.94 -3.43 0.00	32.19 -1.95 0.00
OH_GEN_PROXY 24063	38.11 -0.50 0.00	28.54 -1.76 0.00	28.19 -2.09 0.00	27.55 -1.85 0.00	28.76 -1.80 0.00	32.04 -2.04 0.00	40.65 -3.35 0.00	42.93 -3.99 0.00	40.03 -4.01 0.00	35.66 -2.72 0.00	34.36 -2.70 0.00	33.55 -2.76 0.00	32.87 -2.59 0.00	32.73 -2.96 0.00	31.74 -3.03 0.00	34.06 -3.20 0.00	37.83 -4.25 0.00	41.88 -5.07 0.00	47.54 -5.22 0.00	49.93 -5.49 0.00	49.70 -5.46 0.00	42.46 -4.61 0.00	37.06 -3.31 0.00	32.26 -1.88 0.00
OLIN_CORP_DRP 24177	37.84 -0.77 0.00	28.26 -2.03 0.00	27.89 -2.39 0.00	27.28 -2.12 0.00	28.46 -2.11 0.00	31.73 -2.35 0.00	40.21 -3.78 0.00	42.51 -4.41 0.00	39.86 -4.18 0.00	35.24 -3.15 0.00	34.06 -3.00 0.00	33.15 -3.16 0.00	32.48 -2.98 0.00	32.30 -3.39 0.00	31.36 -3.41 0.00	33.61 -3.65 0.00	37.32 -4.75 0.00	41.32 -5.63 0.00	46.90 -5.86 0.00	50.15 -5.26 0.00	49.43 -5.74 0.00	41.90 -5.18 0.00	36.65 -3.71 0.00	31.92 -2.22 0.00
OLIN_CORP_DSASP 323712	38.19 -0.42 0.00	28.51 -1.79 0.00	28.13 -2.15 0.00	27.51 -1.88 0.00	28.70 -1.87 0.00	32.00 -2.08 0.00	40.52 -3.48 0.00	42.79 -4.13 0.00	39.90 -4.14 0.00	35.55 -2.84 0.00	34.25 -2.82 0.00	33.44 -2.87 0.00	32.76 -2.70 0.00	32.63 -3.07 0.00	31.64 -3.13 0.00	33.91 -3.35 0.00	37.66 -4.42 0.00	41.65 -5.31 0.00	47.27 -5.49 0.00	49.60 -5.82 0.00	49.42 -5.74 0.00	42.23 -4.85 0.00	36.94 -3.43 0.00	32.19 -1.94 0.00
ONEIDA_HERK_LFGE 323681	38.89 0.27 0.00	30.48 0.18 0.00	30.49 0.21 0.00	29.57 0.18 0.00	30.84 0.27 0.00	34.52 0.44 0.00	44.56 0.57 0.00	47.44 0.52 0.00	44.44 0.40 0.00	38.54 0.15 0.00	37.21 0.15 0.00	36.35 0.04 0.00	35.42 -0.04 0.00	35.62 -0.07 0.00	34.74 -0.03 0.00	37.34 0.07 0.00	42.29 0.21 0.00	47.33 0.37 0.00	53.34 0.58 0.00	56.30 0.88 0.00	56.10 0.94 0.00	47.92 0.85 0.00	41.05 0.69 0.00	34.51 0.38 0.00
ONEIDA___115KV_TB4 55905	39.35 0.73 0.00	30.75 0.45 0.00	30.74 0.45 0.00	29.84 0.44 0.00	31.15 0.58 0.00	34.80 0.72 0.00	44.96 0.97 0.00	48.00 1.08 0.00	44.97 0.92 0.00	39.08 0.69 0.00	37.77 0.70 0.00	36.89 0.58 0.00	35.96 0.50 0.00	36.12 0.43 0.00	35.19 0.42 0.00	37.67 0.41 0.00	42.63 0.55 0.00	47.70 0.75 0.00	53.76 1.00 0.00	56.86 1.44 0.00	56.49 1.32 0.00	48.20 1.13 0.00	41.30 0.93 0.00	34.85 0.72 0.00
ONONDAGA_REF_OCCRA 23987	38.46 -0.15 0.00	29.99 -0.30 0.00	29.92 -0.36 0.00	29.07 -0.32 0.00	30.29 -0.28 0.00	33.81 -0.27 0.00	43.64 -0.35 0.00	46.54 -0.38 0.00	43.60 -0.44 0.00	38.08 -0.31 0.00	36.80 -0.26 0.00	36.02 -0.29 0.00	35.14 -0.32 0.00	35.30 -0.39 0.00	34.32 -0.45 0.00	36.85 -0.41 0.00	41.53 -0.55 0.00	46.30 -0.66 0.00	52.18 -0.58 0.00	55.08 -0.33 0.00	54.61 -0.55 0.00	46.56 -0.52 0.00	39.92 -0.44 0.00	33.86 -0.27 0.00
ONONDAGA___COGEN 23986	38.34 -0.27 0.00	29.90 -0.39 0.00	29.86 -0.42 0.00	28.99 -0.41 0.00	30.20 -0.37 0.00	33.71 -0.37 0.00	43.51 -0.48 0.00	46.40 -0.52 0.00	43.47 -0.57 0.00	38.00 -0.38 0.00	36.69 -0.37 0.00	35.91 -0.40 0.00	35.07 -0.39 0.00	35.23 -0.46 0.00	34.21 -0.56 0.00	36.74 -0.52 0.00	41.41 -0.67 0.00	46.20 -0.75 0.00	52.02 -0.74 0.00	54.86 -0.55 0.00	54.39 -0.77 0.00	46.41 -0.66 0.00	39.80 -0.57 0.00	33.76 -0.38 0.00
ONTARIO___LFGE 23819	39.23 0.62 0.00	30.08 -0.21 0.00	29.95 -0.33 0.00	29.13 -0.27 0.00	30.41 -0.15 0.00	33.98 -0.10 0.00	43.82 -0.18 0.00	46.64 -0.28 0.00	43.47 -0.57 0.00	38.16 -0.23 0.00	36.73 -0.33 0.00	35.88 -0.43 0.00	35.00 -0.46 0.00	35.05 -0.64 0.00	33.97 -0.80 0.00	36.55 -0.71 0.00	41.03 -1.05 0.00	45.73 -1.22 0.00	51.49 -1.27 0.00	54.25 -1.17 0.00	54.00 -1.16 0.00	46.27 -0.80 0.00	39.80 -0.57 0.00	33.97 -0.17 0.00
ORANGEVILLE_WT_PWR 323706	39.04 0.43 0.00	29.32 -0.97 0.00	29.01 -1.27 0.00	28.31 -1.09 0.00	29.56 -1.01 0.00	32.96 -1.12 0.00	42.10 -1.89 0.00	44.62 -2.30 0.00	41.62 -2.42 0.00	36.85 -1.54 0.00	35.51 -1.56 0.00	34.61 -1.71 0.00	33.79 -1.67 0.00	33.66 -2.03 0.00	32.61 -2.16 0.00	35.03 -2.23 0.00	39.01 -3.07 0.00	43.34 -3.61 0.00	49.17 -3.59 0.00	51.87 -3.55 0.00	51.74 -3.42 0.00	44.16 -2.92 0.00	38.31 -2.06 0.00	33.11 -1.02 0.00
ORANGEVILLE___ESR 323794	39.04 0.43 0.00	29.32 -0.97 0.00	29.01 -1.27 0.00	28.31 -1.09 0.00	29.56 -1.01 0.00	32.96 -1.12 0.00	42.10 -1.89 0.00	44.62 -2.30 0.00	41.62 -2.42 0.00	36.85 -1.54 0.00	35.51 -1.56 0.00	34.61 -1.71 0.00	33.79 -1.67 0.00	33.66 -2.03 0.00	32.61 -2.16 0.00	35.03 -2.23 0.00	39.01 -3.07 0.00	43.34 -3.61 0.00	49.17 -3.59 0.00	51.87 -3.55 0.00	51.74 -3.42 0.00	44.16 -2.92 0.00	38.31 -2.06 0.00	33.11 -1.02 0.00
OSWEGATCHIE___HYD 24044	37.42 -1.20 0.00	29.35 -0.94 0.00	29.43 -0.85 0.00	28.57 -0.82 0.00	29.71 -0.86 0.00	33.30 -0.78 0.00	43.02 -0.97 0.00	45.66 -1.26 0.00	42.86 -1.19 0.00	37.16 -1.23 0.00	35.84 -1.22 0.00	35.01 -1.31 0.00	34.15 -1.31 0.00	34.30 -1.39 0.00	33.48 -1.29 0.00	35.96 -1.31 0.00	40.77 -1.30 0.00	45.64 -1.31 0.00	51.44 -1.32 0.00	54.58 -0.83 0.00	54.34 -0.83 0.00	46.32 -0.75 0.00	39.84 -0.53 0.00	33.39 -0.75 0.00
OSWEGO___5 23606	37.77 -0.85 0.00	29.51 -0.79 0.00	29.47 -0.82 0.00	28.60 -0.79 0.00	29.80 -0.76 0.00	33.23 -0.85 0.00	42.85 -1.14 0.00	45.66 -1.26 0.00	42.76 -1.28 0.00	37.35 -1.03 0.00	36.06 -1.00 0.00	35.33 -0.98 0.00	34.50 -0.96 0.00	34.70 -1.00 0.00	33.73 -1.04 0.00	36.18 -1.08 0.00	40.77 -1.30 0.00	45.50 -1.46 0.00	51.23 -1.53 0.00	53.75 -1.66 0.00	53.51 -1.65 0.00	45.66 -1.41 0.00	39.20 -1.17 0.00	33.25 -0.89 0.00
OSWEGO___6 23613	37.77 -0.85 0.00	29.51 -0.79 0.00	29.47 -0.82 0.00	28.60 -0.79 0.00	29.80 -0.76 0.00	33.23 -0.85 0.00	42.85 -1.14 0.00	45.66 -1.26 0.00	42.76 -1.28 0.00	37.35 -1.03 0.00	36.06 -1.00 0.00	35.33 -0.98 0.00	34.50 -0.96 0.00	34.70 -1.00 0.00	33.73 -1.04 0.00	36.18 -1.08 0.00	40.77 -1.30 0.00	45.50 -1.46 0.00	51.23 -1.53 0.00	53.75 -1.66 0.00	53.51 -1.65 0.00	45.66 -1.41 0.00	39.20 -1.17 0.00	33.25 -0.89 0.00

OUTOKUMPU-AB___DRP 24206	39.04 0.42 0.00	29.02 -1.27 0.00	28.62 -1.67 0.00	27.99 -1.41 0.00	29.19 -1.38 0.00	32.58 -1.50 0.00	41.31 -2.68 0.00	43.78 -3.14 0.00	41.09 -2.95 0.00	36.28 -2.11 0.00	35.06 -2.00 0.00	34.10 -2.22 0.00	33.40 -2.06 0.00	33.20 -2.50 0.00	32.23 -2.54 0.00	34.54 -2.72 0.00	38.38 -3.70 0.00	42.54 -4.41 0.00	48.28 -4.48 0.00	51.65 -3.77 0.00	50.91 -4.25 0.00	43.17 -3.91 0.00	37.70 -2.66 0.00	32.77 -1.37 0.00
OXBOW___BTM 323836	38.73 0.12 0.00	28.81 -1.48 0.00	28.43 -1.85 0.00	27.81 -1.59 0.00	29.01 -1.56 0.00	32.34 -1.74 0.00	40.96 -3.03 0.00	43.31 -3.61 0.00	40.43 -3.61 0.00	35.97 -2.42 0.00	34.66 -2.41 0.00	33.84 -2.47 0.00	33.12 -2.34 0.00	32.98 -2.71 0.00	31.99 -2.78 0.00	34.28 -2.98 0.00	38.08 -4.00 0.00	42.16 -4.79 0.00	47.86 -4.91 0.00	50.26 -5.15 0.00	50.14 -5.02 0.00	42.79 -4.28 0.00	37.38 -2.99 0.00	32.53 -1.60 0.00
OXBOW___ 24026	38.65 0.04 0.00	28.81 -1.48 0.00	28.43 -1.85 0.00	27.81 -1.59 0.00	29.01 -1.56 0.00	32.34 -1.74 0.00	40.96 -3.04 0.00	43.35 -3.57 0.00	40.70 -3.35 0.00	35.97 -2.42 0.00	34.77 -2.30 0.00	33.84 -2.47 0.00	33.15 -2.30 0.00	32.98 -2.71 0.00	31.99 -2.78 0.00	34.28 -2.98 0.00	38.08 -4.00 0.00	42.16 -4.79 0.00	47.85 -4.91 0.00	51.15 -4.27 0.00	50.47 -4.69 0.00	42.79 -4.28 0.00	37.42 -2.95 0.00	32.53 -1.60 0.00
OXY_CHEM_DSASP 323612	38.11 -0.50 0.00	28.51 -1.79 0.00	28.13 -2.15 0.00	27.52 -1.88 0.00	28.70 -1.86 0.00	32.00 -2.08 0.00	40.52 -3.48 0.00	42.84 -4.08 0.00	40.17 -3.88 0.00	35.55 -2.84 0.00	34.36 -2.71 0.00	33.44 -2.87 0.00	32.76 -2.69 0.00	32.63 -3.07 0.00	31.64 -3.13 0.00	33.91 -3.35 0.00	37.66 -4.42 0.00	41.65 -5.31 0.00	47.27 -5.49 0.00	50.54 -4.88 0.00	49.81 -5.35 0.00	42.23 -4.85 0.00	36.94 -3.43 0.00	32.19 -1.95 0.00
OZONE_PARK_ESR 323760	41.01 2.39 0.00	32.35 2.06 0.00	32.28 2.00 0.00	31.28 1.88 0.00	32.43 1.86 0.00	36.26 2.18 0.00	46.98 2.99 0.00	50.49 3.57 0.00	47.74 3.70 0.00	41.73 3.34 0.00	40.36 3.30 0.00	39.62 3.30 0.00	38.76 3.30 0.00	39.12 3.43 0.00	40.17 3.41 -2.00	41.04 3.58 -0.20	46.08 4.00 0.00	51.13 4.18 0.00	57.25 4.48 0.00	60.46 5.04 0.00	59.57 4.41 0.00	50.79 3.72 0.00	43.40 3.03 0.00	36.56 2.42 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	38.11 -0.50 0.00	28.51 -1.79 0.00	28.13 -2.15 0.00	27.52 -1.88 0.00	28.70 -1.86 0.00	32.00 -2.08 0.00	40.52 -3.48 0.00	42.84 -4.08 0.00	40.17 -3.88 0.00	35.55 -2.84 0.00	34.36 -2.71 0.00	33.44 -2.87 0.00	32.76 -2.69 0.00	32.63 -3.07 0.00	31.64 -3.13 0.00	33.91 -3.35 0.00	37.66 -4.42 0.00	41.65 -5.31 0.00	47.27 -5.49 0.00	50.54 -4.88 0.00	49.81 -5.35 0.00	42.23 -4.85 0.00	36.94 -3.43 0.00	32.19 -1.95 0.00
PACKARD___115KV_DUPONT_184 80571	38.11 -0.50 0.00	28.51 -1.79 0.00	28.13 -2.15 0.00	27.52 -1.88 0.00	28.70 -1.86 0.00	32.00 -2.08 0.00	40.52 -3.48 0.00	42.84 -4.08 0.00	40.17 -3.88 0.00	35.55 -2.84 0.00	34.36 -2.71 0.00	33.44 -2.87 0.00	32.76 -2.69 0.00	32.63 -3.07 0.00	31.64 -3.13 0.00	33.91 -3.35 0.00	37.66 -4.42 0.00	41.65 -5.31 0.00	47.27 -5.49 0.00	50.54 -4.88 0.00	49.81 -5.35 0.00	42.23 -4.85 0.00	36.94 -3.43 0.00	32.19 -1.95 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.66 2.05 0.00	32.20 1.91 0.00	32.10 1.82 0.00	31.19 1.79 0.00	32.19 1.62 0.00	35.85 1.77 0.00	46.37 2.38 0.00	49.88 2.96 0.00	47.21 3.17 0.00	41.31 2.92 0.00	39.95 2.89 0.00	39.25 2.94 0.00	38.40 2.94 0.00	38.80 3.11 0.00	39.83 3.06 -2.00	40.66 3.20 -0.20	45.66 3.58 0.00	50.66 3.71 0.00	56.61 3.85 0.00	59.79 4.38 0.00	58.91 3.75 0.00	50.18 3.11 0.00	42.87 2.50 0.00	36.15 2.01 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	40.97 2.36 0.00	32.41 2.12 0.00	32.34 2.06 0.00	31.40 2.00 0.00	32.40 1.83 0.00	36.12 2.04 0.00	46.72 2.73 0.00	50.20 3.28 0.00	47.52 3.48 0.00	41.54 3.15 0.00	40.14 3.08 0.00	39.43 3.12 0.00	38.58 3.12 0.00	38.94 3.25 0.00	40.00 3.23 -2.00	40.81 3.35 -0.20	45.95 3.87 0.00	50.85 3.90 0.00	56.88 4.12 0.00	60.12 4.71 0.00	59.19 4.03 0.00	50.46 3.39 0.00	43.11 2.75 0.00	36.39 2.25 0.00
PATROON___115KV_TB1 80586	39.19 0.58 0.00	30.93 0.64 0.00	30.95 0.67 0.00	30.01 0.62 0.00	31.21 0.64 0.00	34.73 0.65 0.00	44.83 0.84 0.00	47.91 0.99 0.00	44.75 0.70 0.00	38.85 0.46 0.00	37.58 0.52 0.00	36.78 0.47 0.00	35.88 0.43 0.00	36.23 0.54 0.00	35.34 0.70 0.13	37.96 0.71 0.01	42.92 0.84 0.00	47.89 0.94 0.00	53.76 1.00 0.00	56.47 1.05 0.00	56.04 0.88 0.00	47.92 0.85 0.00	41.18 0.81 0.00	34.75 0.61 0.00
PATTRSNVILLE___SOLAR 323815	39.97 1.35 0.00	31.44 1.15 0.00	31.43 1.15 0.00	30.48 1.09 0.00	31.73 1.16 0.00	35.37 1.29 0.00	45.71 1.71 0.00	48.70 1.78 0.00	45.45 1.41 0.00	39.42 1.04 0.00	38.14 1.08 0.00	37.40 1.09 0.00	36.49 1.03 0.00	36.80 1.11 0.00	35.69 1.08 0.15	38.40 1.16 0.02	43.51 1.43 0.00	48.64 1.69 0.00	54.77 2.00 0.00	57.41 1.99 0.00	57.37 2.21 0.00	49.00 1.93 0.00	41.94 1.57 0.00	35.40 1.26 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	38.92 0.31 0.00	29.05 -1.24 0.00	28.62 -1.67 0.00	27.99 -1.41 0.00	29.22 -1.34 0.00	32.55 -1.53 0.00	41.53 -2.46 0.00	44.06 -2.86 0.00	41.27 -2.77 0.00	36.51 -1.88 0.00	35.28 -1.78 0.00	34.28 -2.03 0.00	33.54 -1.91 0.00	33.34 -2.36 0.00	32.37 -2.40 0.00	34.76 -2.50 0.00	38.63 -3.45 0.00	42.87 -4.08 0.00	48.59 -4.17 0.00	52.03 -3.38 0.00	51.25 -3.92 0.00	43.54 -3.53 0.00	37.87 -2.50 0.00	32.81 -1.33 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.55 1.93 0.00	31.99 1.70 0.00	31.95 1.67 0.00	30.95 1.56 0.00	32.15 1.59 0.00	35.92 1.84 0.00	46.50 2.51 0.00	49.83 2.91 0.00	47.08 3.04 0.00	40.96 2.57 0.00	39.62 2.56 0.00	38.85 2.54 0.00	38.05 2.59 0.00	38.41 2.71 0.00	39.45 2.68 -2.00	40.33 2.87 -0.20	45.36 3.28 0.00	50.43 3.47 0.00	56.56 3.80 0.00	59.74 4.32 0.00	58.91 3.75 0.00	50.32 3.25 0.00	43.03 2.66 0.00	36.22 2.08 0.00
PEEKSKILL___ 23653	40.39 1.78 0.00	31.90 1.60 0.00	31.82 1.54 0.00	30.87 1.47 0.00	32.03 1.47 0.00	35.75 1.67 0.00	46.28 2.29 0.00	49.64 2.72 0.00	46.95 2.91 0.00	40.96 2.57 0.00	39.62 2.56 0.00	38.85 2.54 0.00	37.98 2.52 0.00	38.34 2.64 0.00	39.37 2.64 -1.96	40.25 2.80 -0.19	45.19 3.11 0.00	50.24 3.29 0.00	56.30 3.54 0.00	58.96 3.55 0.00	58.64 3.48 0.00	50.04 2.97 0.00	42.79 2.42 0.00	36.08 1.94 0.00
PGE MADISON___WINDPWR 24146	42.40 3.79 0.00	32.99 2.70 0.00	33.01 2.73 0.00	32.04 2.65 0.00	33.65 3.09 0.00	37.86 3.78 0.00	49.05 5.06 0.00	52.27 5.35 0.00	48.80 4.76 0.00	42.04 3.65 0.00	40.59 3.52 0.00	39.40 3.08 0.00	38.19 2.73 0.00	38.19 2.50 0.00	37.18 2.33 -0.08	39.84 2.57 -0.01	45.19 3.11 0.00	51.09 4.13 0.00	58.04 5.28 0.00	61.78 6.37 0.00	61.50 6.34 0.00	52.53 5.46 0.00	44.85 4.48 0.00	37.62 3.48 0.00

PIERCEFIELD___HYD 23852	37.34 -1.27 0.00	29.35 -0.94 0.00	29.49 -0.79 0.00	28.60 -0.79 0.00	29.65 -0.92 0.00	33.19 -0.89 0.00	42.85 -1.14 0.00	45.47 -1.45 0.00	42.85 -1.19 0.00	37.31 -1.07 0.00	35.91 -1.15 0.00	35.15 -1.16 0.00	34.32 -1.13 0.00	34.48 -1.21 0.00	33.69 -1.08 0.00	36.11 -1.16 0.00	40.94 -1.14 0.00	45.64 -1.31 0.00	51.34 -1.42 0.00	53.86 -1.55 0.00	54.11 -1.05 0.00	46.09 -0.99 0.00	39.84 -0.52 0.00	33.39 -0.75 0.00
PINELAWN_CC_1 323563	41.87 3.24 -0.01	33.06 2.76 -0.01	32.92 2.63 -0.01	31.89 2.50 0.00	33.14 2.57 -0.01	37.02 2.93 -0.01	47.47 3.47 0.00	50.63 3.71 0.00	48.36 4.32 0.00	42.27 3.88 -0.01	40.48 3.41 -0.01	39.63 3.30 -0.01	38.73 3.26 -0.01	39.06 3.35 -0.01	43.03 3.30 -4.95	47.24 3.35 -6.63	49.77 3.45 -4.24	52.69 3.62 -2.13	56.84 4.06 -0.01	69.76 3.93 -10.41	70.61 3.86 -11.59	56.71 3.58 -6.06	45.67 3.55 -1.75	42.61 3.14 -5.34
PJM_GEN_HTP_PROXY 323702	40.66 2.05 0.00	32.14 1.85 0.00	32.07 1.79 0.00	31.10 1.70 0.00	32.25 1.68 0.00	36.02 1.94 0.00	46.63 2.64 0.00	50.11 3.19 0.00	47.43 3.39 0.00	41.38 3.00 0.00	40.03 2.97 0.00	39.29 2.98 0.00	38.40 2.94 0.00	38.80 3.10 0.00	39.86 3.09 -2.00	40.70 3.24 -0.20	45.70 3.62 0.00	50.71 3.76 0.00	56.77 4.01 0.00	59.46 4.04 0.00	59.08 3.92 0.00	50.42 3.34 0.00	43.03 2.66 0.00	36.29 2.15 0.00
PJM_GEN_KEystone 24065	39.39 0.77 0.00	30.48 0.18 0.00	30.28 0.00 0.00	29.46 0.06 0.00	30.66 0.09 0.00	34.15 0.07 0.00	43.99 0.00 0.00	46.92 0.00 0.00	43.72 0.04 0.37	39.18 0.42 -0.37	37.51 0.45 0.00	36.71 0.40 0.00	35.85 0.39 0.00	35.98 0.28 0.00	36.05 0.25 -1.03	37.66 0.30 -0.10	42.12 0.04 0.00	46.86 -0.09 0.00	52.71 -0.05 0.00	55.30 -0.11 0.00	55.05 -0.11 0.00	46.98 -0.09 0.00	40.41 0.04 0.00	34.44 0.31 0.00
PJM_GEN_NEPTUNE_PROXY 323594	41.33 2.70 -0.01	32.67 2.36 -0.01	32.59 2.30 -0.01	31.57 2.18 0.00	32.80 2.23 -0.01	36.61 2.52 -0.01	47.03 3.03 0.00	50.20 3.28 0.00	47.92 3.88 0.00	41.85 3.46 -0.01	40.04 2.97 -0.01	39.23 2.91 -0.01	38.38 2.91 -0.01	38.63 2.93 -0.01	42.10 2.88 -4.45	45.69 2.91 -5.52	48.87 3.28 -3.51	52.14 3.43 -1.76	56.57 3.80 -0.01	67.86 3.82 -8.62	68.56 3.80 -9.59	55.34 3.25 -5.02	44.73 2.91 -1.45	41.08 2.53 -4.42
PJM_GEN_VFT_PROXY 323633	40.32 1.82 0.11	31.77 1.67 0.19	31.92 1.63 0.00	30.95 1.56 0.00	32.09 1.53 0.00	35.85 1.77 0.00	43.54 2.46 2.91	47.14 3.01 2.79	44.04 3.21 3.22	41.23 2.84 0.00	39.92 2.85 0.00	39.18 2.87 0.00	38.33 2.87 0.00	38.69 3.00 0.00	39.72 2.95 -2.00	40.55 3.09 -0.20	42.64 3.45 2.89	49.57 3.62 1.00	52.99 3.75 3.52	57.01 3.77 2.17	58.86 3.70 0.00	46.74 3.15 3.49	41.01 2.50 1.86	36.15 2.01 0.00
PLATSBURG_115KV_PMLD1 355749	39.35 0.73 0.00	30.90 0.61 0.00	31.01 0.73 0.00	30.10 0.71 0.00	31.18 0.61 0.00	34.86 0.78 0.00	45.05 1.06 0.00	47.95 1.03 0.00	45.19 1.15 0.00	39.46 1.07 0.00	37.95 0.89 0.00	37.15 0.84 0.00	36.35 0.89 0.00	36.48 0.79 0.00	35.60 0.83 0.00	38.16 0.89 0.00	43.17 1.09 0.00	48.17 1.22 0.00	54.08 1.32 0.00	56.69 1.27 0.00	56.82 1.65 0.00	48.30 1.22 0.00	41.54 1.17 0.00	34.85 0.72 0.00
PLEASANTVLY___LBMP 24000	40.24 1.62 0.00	31.75 1.45 0.00	31.70 1.42 0.00	30.75 1.35 0.00	31.91 1.34 0.00	35.61 1.53 0.00	46.06 2.07 0.00	49.36 2.44 0.00	46.60 2.55 0.00	40.65 2.26 0.00	39.29 2.22 0.00	38.56 2.25 0.00	37.69 2.23 0.00	38.05 2.36 0.00	39.26 2.33 -2.16	39.94 2.46 -0.21	44.86 2.78 0.00	49.91 2.96 0.00	55.87 3.11 0.00	59.02 3.60 0.00	58.25 3.09 0.00	49.76 2.68 0.00	42.55 2.18 0.00	35.88 1.74 0.00
PLSNTVLE_13_KV_13KVDIST 80602	40.55 1.93 0.00	31.99 1.70 0.00	31.92 1.64 0.00	30.95 1.56 0.00	32.12 1.56 0.00	35.85 1.77 0.00	46.41 2.42 0.00	49.78 2.86 0.00	47.04 2.99 0.00	41.07 2.69 0.00	39.73 2.67 0.00	39.00 2.69 0.00	38.12 2.66 0.00	38.48 2.78 0.00	39.54 2.75 -2.02	40.37 2.91 -0.20	45.36 3.28 0.00	50.38 3.43 0.00	56.45 3.69 0.00	59.63 4.21 0.00	58.80 3.64 0.00	50.18 3.11 0.00	42.91 2.54 0.00	36.19 2.05 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.55 1.93 0.00	31.99 1.70 0.00	31.92 1.64 0.00	30.95 1.56 0.00	32.12 1.56 0.00	35.85 1.77 0.00	46.41 2.42 0.00	49.78 2.86 0.00	47.04 2.99 0.00	41.07 2.69 0.00	39.73 2.67 0.00	39.00 2.69 0.00	38.12 2.66 0.00	38.48 2.78 0.00	39.54 2.75 -2.02	40.37 2.91 -0.20	45.36 3.28 0.00	50.38 3.43 0.00	56.45 3.69 0.00	59.63 4.21 0.00	58.80 3.64 0.00	50.18 3.11 0.00	42.91 2.54 0.00	36.19 2.05 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.39 1.78 0.00	31.84 1.54 0.00	31.80 1.51 0.00	30.84 1.44 0.00	32.03 1.47 0.00	35.75 1.67 0.00	46.24 2.24 0.00	49.50 2.58 0.00	46.73 2.69 0.00	40.65 2.26 0.00	39.29 2.22 0.00	38.53 2.22 0.00	37.69 2.23 0.00	38.02 2.32 0.00	39.09 2.33 -1.99	39.92 2.46 -0.20	44.94 2.86 0.00	50.05 3.10 0.00	56.09 3.32 0.00	59.29 3.88 0.00	58.53 3.36 0.00	49.95 2.87 0.00	42.67 2.30 0.00	36.05 1.91 0.00
POLETTI_____ 23519	40.66 2.05 0.00	32.14 1.85 0.00	32.07 1.79 0.00	31.10 1.71 0.00	32.25 1.68 0.00	35.99 1.91 0.00	46.59 2.60 0.00	50.02 3.10 0.00	47.35 3.30 0.00	41.34 2.96 0.00	39.99 2.93 0.00	39.29 2.98 0.00	38.40 2.94 0.00	38.80 3.11 0.00	39.83 3.06 -2.00	40.66 3.20 -0.20	45.66 3.58 0.00	50.66 3.71 0.00	56.67 3.90 0.00	59.85 4.43 0.00	59.02 3.86 0.00	50.32 3.25 0.00	42.99 2.62 0.00	36.25 2.12 0.00
POMONA___ESR 323819	40.39 1.78 0.00	31.87 1.57 0.00	31.79 1.51 0.00	30.84 1.44 0.00	32.03 1.47 0.00	35.72 1.64 0.00	46.23 2.24 0.00	49.59 2.67 0.00	46.86 2.82 0.00	40.92 2.53 0.00	39.59 2.52 0.00	38.82 2.50 0.00	37.90 2.44 0.00	38.27 2.57 0.00	39.23 2.57 -1.88	40.17 2.72 -0.19	45.11 3.03 0.00	50.19 3.24 0.00	56.19 3.43 0.00	58.96 3.55 0.00	58.58 3.42 0.00	49.99 2.92 0.00	42.75 2.38 0.00	36.08 1.94 0.00
PORT_JEFF_3 23555	42.02 3.40 -0.01	33.21 2.91 -0.01	33.04 2.76 -0.01	31.98 2.59 0.00	33.26 2.69 -0.01	37.12 3.03 -0.01	47.51 3.52 0.00	50.53 3.61 0.00	48.40 4.36 0.00	42.35 3.95 -0.01	40.52 3.45 -0.01	39.73 3.41 -0.01	38.80 3.33 -0.01	39.17 3.46 -0.01	42.86 3.41 -4.68	46.76 3.47 -6.03	49.84 3.91 -3.85	53.11 4.23 -1.93	57.52 4.75 -0.01	69.79 4.93 -9.44	70.58 4.91 -10.51	56.76 4.19 -5.50	45.80 3.84 -1.59	42.39 3.41 -4.84
PORT_JEFF_4 23616	42.02 3.40 -0.01	33.21 2.91 -0.01	33.04 2.76 -0.01	31.98 2.59 0.00	33.26 2.69 -0.01	37.12 3.03 -0.01	47.51 3.52 0.00	50.53 3.61 0.00	48.40 4.36 0.00	42.35 3.95 -0.01	40.52 3.45 -0.01	39.73 3.41 -0.01	38.80 3.33 -0.01	39.17 3.46 -0.01	42.86 3.41 -4.68	46.76 3.47 -6.03	49.84 3.91 -3.85	53.11 4.23 -1.93	57.52 4.75 -0.01	69.79 4.93 -9.44	70.58 4.91 -10.51	56.76 4.19 -5.50	45.80 3.84 -1.59	42.39 3.41 -4.84

PORT_JEFF_IC 23713	42.10 3.48 -0.01	33.27 2.97 -0.01	33.07 2.79 0.00	32.04 2.65 0.00	33.29 2.72 0.00	37.18 3.10 0.00	47.60 3.61 0.00	50.58 3.66 0.00	48.23 4.18 0.00	42.43 4.03 -0.01	40.56 3.48 -0.01	39.81 3.49 -0.01	38.87 3.40 -0.01	39.24 3.53 -0.01	42.90 3.44 -4.69	46.85 3.54 -6.05	49.93 4.00 -3.86	53.21 4.32 -1.93	57.68 4.91 -0.01	70.48 5.60 -9.47	70.72 5.02 -10.54	57.01 4.42 -5.51	45.88 3.92 -1.59	42.47 3.48 -4.85
PPL PILGRIM_ST_GT1 24216	41.98 3.36 -0.01	33.18 2.88 -0.01	33.02 2.73 -0.01	31.95 2.56 0.00	33.20 2.63 -0.01	37.12 3.03 -0.01	47.47 3.47 0.00	50.53 3.61 0.00	48.36 4.32 0.00	42.39 3.99 -0.01	40.56 3.48 -0.01	39.77 3.45 -0.01	38.84 3.37 -0.01	39.21 3.50 -0.01	42.90 3.41 -4.72	46.80 3.43 -6.12	49.85 3.87 -3.90	53.04 4.13 -1.96	57.47 4.69 -0.01	69.82 4.82 -9.59	70.57 4.74 -10.67	56.75 4.09 -5.58	45.69 3.71 -1.61	42.36 3.31 -4.91
PPL PILGRIM_ST_GT2 24217	41.98 3.36 -0.01	33.18 2.88 -0.01	33.02 2.73 -0.01	31.95 2.56 0.00	33.20 2.63 -0.01	37.12 3.03 -0.01	47.47 3.47 0.00	50.53 3.61 0.00	48.36 4.32 0.00	42.39 3.99 -0.01	40.56 3.48 -0.01	39.77 3.45 -0.01	38.84 3.37 -0.01	39.21 3.50 -0.01	42.90 3.41 -4.72	46.80 3.43 -6.12	49.85 3.87 -3.90	53.04 4.13 -1.96	57.47 4.69 -0.01	69.82 4.82 -9.59	70.57 4.74 -10.67	56.75 4.09 -5.58	45.69 3.71 -1.61	42.36 3.31 -4.91
PPL_SHRM_GT3 24213	42.10 3.48 -0.01	33.30 3.00 -0.01	33.13 2.85 -0.01	32.10 2.70 0.00	33.38 2.81 -0.01	37.29 3.20 -0.01	47.73 3.74 0.00	50.72 3.80 0.00	48.58 4.54 0.00	42.51 4.11 -0.01	40.63 3.56 -0.01	39.84 3.52 -0.01	38.87 3.40 -0.01	39.27 3.57 -0.01	42.96 3.51 -4.68	46.91 3.61 -6.04	50.05 4.13 -3.85	53.39 4.51 -1.93	57.89 5.12 -0.01	70.30 5.43 -9.45	71.09 5.41 -10.52	57.19 4.62 -5.50	46.20 4.24 -1.59	42.70 3.72 -4.84
PPL_SHRM_GT4 24214	42.10 3.48 -0.01	33.30 3.00 -0.01	33.13 2.85 -0.01	32.10 2.70 0.00	33.38 2.81 -0.01	37.29 3.20 -0.01	47.73 3.74 0.00	50.72 3.80 0.00	48.58 4.54 0.00	42.51 4.11 -0.01	40.63 3.56 -0.01	39.84 3.52 -0.01	38.87 3.40 -0.01	39.27 3.57 -0.01	42.96 3.51 -4.68	46.91 3.61 -6.04	50.05 4.13 -3.85	53.39 4.51 -1.93	57.89 5.12 -0.01	70.30 5.43 -9.45	71.09 5.41 -10.52	57.19 4.62 -5.50	46.20 4.24 -1.59	42.70 3.72 -4.84
PROJECT___ORANGE 1 24174	38.34 -0.27 0.00	29.90 -0.39 0.00	29.83 -0.45 0.00	28.99 -0.41 0.00	30.20 -0.37 0.00	33.67 -0.41 0.00	43.46 -0.53 0.00	46.36 -0.56 0.00	43.47 -0.57 0.00	38.00 -0.38 0.00	36.69 -0.37 0.00	35.91 -0.40 0.00	35.07 -0.39 0.00	35.23 -0.46 0.00	34.25 -0.52 0.00	36.74 -0.52 0.00	41.41 -0.67 0.00	46.15 -0.80 0.00	51.97 -0.79 0.00	54.80 -0.61 0.00	54.33 -0.83 0.00	46.32 -0.75 0.00	39.76 -0.61 0.00	33.73 -0.41 0.00
PROJECT___ORANGE 2 24166	38.34 -0.27 0.00	29.90 -0.39 0.00	29.83 -0.45 0.00	28.99 -0.41 0.00	30.20 -0.37 0.00	33.67 -0.41 0.00	43.46 -0.53 0.00	46.36 -0.56 0.00	43.47 -0.57 0.00	38.00 -0.38 0.00	36.69 -0.37 0.00	35.91 -0.40 0.00	35.07 -0.39 0.00	35.23 -0.46 0.00	34.25 -0.52 0.00	36.74 -0.52 0.00	41.41 -0.67 0.00	46.15 -0.80 0.00	51.97 -0.79 0.00	54.80 -0.61 0.00	54.33 -0.83 0.00	46.32 -0.75 0.00	39.76 -0.61 0.00	33.73 -0.41 0.00
PUCKETT___SOLAR 323809	42.29 3.67 0.00	32.96 2.67 0.00	33.01 2.73 0.00	32.04 2.65 0.00	33.62 3.06 0.00	37.80 3.72 0.00	49.01 5.01 0.00	52.27 5.35 0.00	48.80 4.76 0.00	42.04 3.65 0.00	40.62 3.56 0.00	39.44 3.12 0.00	38.26 2.80 0.00	38.30 2.60 0.00	37.29 2.43 -0.09	39.95 2.68 -0.01	45.36 3.28 0.00	51.18 4.23 0.00	58.09 5.33 0.00	61.73 6.31 0.00	61.45 6.29 0.00	52.49 5.41 0.00	44.81 4.44 0.00	37.58 3.45 0.00
PYRITES___HYD 24023	38.15 -0.46 0.00	29.99 -0.30 0.00	30.13 -0.15 0.00	29.22 -0.18 0.00	30.32 -0.24 0.00	34.01 -0.07 0.00	43.90 -0.09 0.00	46.50 -0.42 0.00	43.73 -0.31 0.00	37.93 -0.46 0.00	36.51 -0.56 0.00	35.73 -0.58 0.00	34.86 -0.60 0.00	34.98 -0.71 0.00	34.21 -0.56 0.00	36.67 -0.60 0.00	41.62 -0.46 0.00	46.53 -0.42 0.00	52.50 -0.26 0.00	55.19 -0.22 0.00	55.49 0.33 0.00	47.26 0.19 0.00	40.85 0.48 0.00	34.17 0.03 0.00
QUAKERRD_115KV_BK1 80622	37.92 -0.70 0.00	28.93 -1.36 0.00	28.74 -1.54 0.00	27.96 -1.44 0.00	29.19 -1.38 0.00	32.61 -1.47 0.00	41.66 -2.33 0.00	44.34 -2.58 0.00	41.62 -2.42 0.00	36.58 -1.80 0.00	35.32 -1.74 0.00	34.53 -1.78 0.00	33.69 -1.77 0.00	33.73 -1.96 0.00	32.75 -2.02 0.00	35.17 -2.09 0.00	39.39 -2.69 0.00	43.81 -3.15 0.00	49.49 -3.27 0.00	52.48 -2.94 0.00	52.02 -3.14 0.00	44.16 -2.92 0.00	38.15 -2.22 0.00	32.70 -1.43 0.00
QUENSBRY_115KV_TB8 356137	40.12 1.51 0.00	31.57 1.27 0.00	31.58 1.30 0.00	30.60 1.21 0.00	31.88 1.31 0.00	35.58 1.50 0.00	46.15 2.16 0.00	49.22 2.30 0.00	45.85 1.81 0.00	39.73 1.34 0.00	38.36 1.30 0.00	37.80 1.49 0.00	36.88 1.42 0.00	37.16 1.46 0.00	36.01 1.39 0.15	38.74 1.49 0.01	43.97 1.89 0.00	49.07 2.11 0.00	55.35 2.59 0.00	58.24 2.83 0.00	57.92 2.76 0.00	49.52 2.45 0.00	42.27 1.90 0.00	35.60 1.47 0.00
RAMAPO___LBMP 323565	40.31 1.70 0.00	31.81 1.51 0.00	31.73 1.45 0.00	30.75 1.35 0.00	31.94 1.38 0.00	35.65 1.57 0.00	46.15 2.16 0.00	49.45 2.53 0.00	46.68 2.64 0.00	40.81 2.42 0.00	39.47 2.41 0.00	38.71 2.40 0.00	37.83 2.38 0.00	38.19 2.50 0.00	39.10 2.47 -1.86	40.05 2.61 -0.18	45.02 2.95 0.00	50.05 3.10 0.00	56.03 3.27 0.00	59.24 3.82 0.00	58.42 3.25 0.00	49.90 2.82 0.00	42.63 2.26 0.00	35.95 1.81 0.00
RANKINE___ 23646	39.08 0.46 0.00	29.14 -1.15 0.00	28.74 -1.54 0.00	28.10 -1.29 0.00	29.31 -1.25 0.00	32.68 -1.40 0.00	41.57 -2.42 0.00	44.10 -2.82 0.00	41.36 -2.69 0.00	36.51 -1.88 0.00	35.28 -1.78 0.00	34.31 -2.00 0.00	33.58 -1.88 0.00	33.41 -2.28 0.00	32.41 -2.36 0.00	34.76 -2.50 0.00	38.63 -3.45 0.00	42.87 -4.08 0.00	48.59 -4.17 0.00	52.03 -3.38 0.00	51.30 -3.86 0.00	43.50 -3.58 0.00	37.91 -2.46 0.00	32.91 -1.23 0.00
RAVENSWOOD_GT2_1 24244	40.70 2.09 0.00	32.17 1.88 0.00	32.07 1.79 0.00	31.10 1.71 0.00	32.25 1.68 0.00	36.02 1.94 0.00	46.63 2.64 0.00	50.11 3.19 0.00	47.39 3.35 0.00	41.42 3.03 0.00	40.03 2.97 0.00	39.33 3.01 0.00	38.44 2.98 0.00	38.84 3.14 0.00	39.86 3.09 -2.00	40.70 3.24 -0.20	45.74 3.66 0.00	50.76 3.80 0.00	56.77 4.01 0.00	59.96 4.54 0.00	59.08 3.92 0.00	50.42 3.34 0.00	43.07 2.70 0.00	36.32 2.18 0.00
RAVENSWOOD_GT2_2 24245	40.70 2.09 0.00	32.17 1.88 0.00	32.07 1.79 0.00	31.10 1.71 0.00	32.25 1.68 0.00	36.02 1.94 0.00	46.63 2.64 0.00	50.11 3.19 0.00	47.39 3.35 0.00	41.42 3.03 0.00	40.03 2.97 0.00	39.33 3.01 0.00	38.44 2.98 0.00	38.84 3.14 0.00	39.86 3.09 -2.00	40.70 3.24 -0.20	45.74 3.66 0.00	50.76 3.80 0.00	56.77 4.01 0.00	59.96 4.54 0.00	59.08 3.92 0.00	50.42 3.34 0.00	43.07 2.70 0.00	36.32 2.18 0.00

RAVENSWOOD_GT2_3 24246	40.74 2.12 0.00	32.17 1.88 0.00	32.10 1.82 0.00	31.10 1.71 0.00	32.28 1.71 0.00	36.02 1.94 0.00	46.63 2.64 0.00	50.11 3.19 0.00	47.39 3.35 0.00	41.42 3.03 0.00	40.07 3.00 0.00	39.33 3.01 0.00	38.47 3.01 0.00	38.84 3.14 0.00	39.89 3.13 -2.00	40.74 3.28 -0.20	45.74 3.66 0.00	50.76 3.80 0.00	56.77 4.01 0.00	59.96 4.54 0.00	59.13 3.97 0.00	50.42 3.34 0.00	43.07 2.70 0.00	36.32 2.18 0.00
RAVENSWOOD_GT2_4 24247	40.74 2.12 0.00	32.17 1.88 0.00	32.10 1.82 0.00	31.10 1.71 0.00	32.28 1.71 0.00	36.02 1.94 0.00	46.63 2.64 0.00	50.11 3.19 0.00	47.39 3.35 0.00	41.42 3.03 0.00	40.07 3.00 0.00	39.33 3.01 0.00	38.47 3.01 0.00	38.84 3.14 0.00	39.89 3.13 -2.00	40.74 3.28 -0.20	45.74 3.66 0.00	50.76 3.80 0.00	56.77 4.01 0.00	59.96 4.54 0.00	59.13 3.97 0.00	50.42 3.34 0.00	43.07 2.70 0.00	36.32 2.18 0.00
RAVENSWOOD_GT3_1 24248	40.74 2.12 0.00	32.17 1.88 0.00	32.07 1.79 0.00	31.10 1.71 0.00	32.25 1.68 0.00	36.02 1.94 0.00	46.63 2.64 0.00	50.11 3.19 0.00	47.39 3.35 0.00	41.42 3.03 0.00	40.03 2.97 0.00	39.33 3.01 0.00	38.44 2.98 0.00	38.84 3.14 0.00	39.86 3.09 -2.00	40.70 3.24 -0.20	45.74 3.66 0.00	50.76 3.80 0.00	56.77 4.01 0.00	59.96 4.54 0.00	59.13 3.97 0.00	50.42 3.34 0.00	43.07 2.70 0.00	36.32 2.18 0.00
RAVENSWOOD_GT3_2 24249	40.74 2.12 0.00	32.17 1.88 0.00	32.07 1.79 0.00	31.10 1.71 0.00	32.25 1.68 0.00	36.02 1.94 0.00	46.63 2.64 0.00	50.11 3.19 0.00	47.39 3.35 0.00	41.42 3.03 0.00	40.03 2.97 0.00	39.33 3.01 0.00	38.44 2.98 0.00	38.84 3.14 0.00	39.86 3.09 -2.00	40.70 3.24 -0.20	45.74 3.66 0.00	50.76 3.80 0.00	56.77 4.01 0.00	59.96 4.54 0.00	59.13 3.97 0.00	50.42 3.34 0.00	43.07 2.70 0.00	36.32 2.18 0.00
RAVENSWOOD_GT3_3 24250	40.78 2.16 0.00	32.20 1.91 0.00	32.10 1.82 0.00	31.13 1.73 0.00	32.28 1.71 0.00	36.06 1.98 0.00	46.68 2.68 0.00	50.16 3.24 0.00	47.43 3.39 0.00	41.46 3.07 0.00	40.10 3.04 0.00	39.36 3.05 0.00	38.51 3.05 0.00	38.87 3.18 0.00	39.93 3.16 -2.00	40.78 3.32 -0.20	45.78 3.70 0.00	50.80 3.85 0.00	56.82 4.06 0.00	60.01 4.60 0.00	59.19 4.03 0.00	50.46 3.39 0.00	43.11 2.75 0.00	36.36 2.22 0.00
RAVENSWOOD_GT3_4 24251	40.78 2.16 0.00	32.20 1.91 0.00	32.10 1.82 0.00	31.13 1.73 0.00	32.28 1.71 0.00	36.06 1.98 0.00	46.68 2.68 0.00	50.16 3.24 0.00	47.43 3.39 0.00	41.46 3.07 0.00	40.10 3.04 0.00	39.36 3.05 0.00	38.51 3.05 0.00	38.87 3.18 0.00	39.93 3.16 -2.00	40.78 3.32 -0.20	45.78 3.70 0.00	50.80 3.85 0.00	56.82 4.06 0.00	60.01 4.60 0.00	59.19 4.03 0.00	50.46 3.39 0.00	43.11 2.75 0.00	36.36 2.22 0.00
RAVENSWOOD_GT_1 23729	40.87 2.20 -0.05	34.57 1.97 -2.31	29.81 1.88 2.35	31.19 1.79 0.00	30.06 1.74 2.25	34.22 1.94 1.80	45.88 2.64 0.75	49.37 3.19 0.74	47.48 3.44 0.00	41.50 3.11 0.00	40.14 3.08 0.00	39.43 3.12 0.00	38.58 3.12 0.00	38.94 3.25 0.00	40.00 3.23 -2.00	40.85 3.39 -0.20	45.87 3.79 0.00	50.90 3.94 0.00	56.88 4.12 0.00	60.07 4.65 0.00	59.19 4.03 0.00	49.44 3.34 0.98	41.83 2.70 1.24	34.30 2.18 2.02
RAVENSWOOD_GT_10 24258	40.70 2.09 0.00	32.17 1.88 0.00	32.07 1.79 0.00	31.10 1.71 0.00	32.25 1.68 0.00	36.02 1.94 0.00	46.63 2.64 0.00	50.11 3.19 0.00	47.39 3.35 0.00	41.42 3.03 0.00	40.03 2.97 0.00	39.33 3.01 0.00	38.44 2.98 0.00	38.84 3.14 0.00	39.86 3.09 -2.00	40.70 3.24 -0.20	45.74 3.66 0.00	50.76 3.80 0.00	56.77 4.01 0.00	59.96 4.54 0.00	59.08 3.92 0.00	50.42 3.34 0.00	43.07 2.70 0.00	36.32 2.18 0.00
RAVENSWOOD_GT_11 24259	40.70 2.09 0.00	32.17 1.88 0.00	32.07 1.79 0.00	31.10 1.71 0.00	32.25 1.68 0.00	36.02 1.94 0.00	46.63 2.64 0.00	50.11 3.19 0.00	47.39 3.35 0.00	41.42 3.03 0.00	40.03 2.97 0.00	39.33 3.01 0.00	38.44 2.98 0.00	38.84 3.14 0.00	39.86 3.09 -2.00	40.70 3.24 -0.20	45.74 3.66 0.00	50.76 3.80 0.00	56.77 4.01 0.00	59.96 4.54 0.00	59.08 3.92 0.00	50.42 3.34 0.00	43.07 2.70 0.00	36.32 2.18 0.00
RAVENSWOOD_GT_4 24252	40.74 2.09 -0.04	33.90 1.85 -1.76	30.28 1.79 1.79	31.07 1.68 0.00	30.54 1.68 1.71	34.65 1.94 1.37	46.06 2.64 0.57	49.50 3.14 0.56	47.39 3.35 0.00	41.38 2.99 0.00	40.03 2.97 0.00	39.29 2.98 0.00	38.40 2.94 0.00	38.80 3.11 0.00	39.83 3.06 -2.00	40.66 3.20 -0.20	45.70 3.62 0.00	50.71 3.76 0.00	56.77 4.01 0.00	59.90 4.49 0.00	59.08 3.92 0.00	49.67 3.34 0.75	42.13 2.70 0.95	34.75 2.15 1.54
RAVENSWOOD_GT_5 24254	40.74 2.09 -0.04	33.90 1.85 -1.76	30.28 1.79 1.79	31.07 1.68 0.00	30.54 1.68 1.71	34.65 1.94 1.37	46.06 2.64 0.57	49.50 3.14 0.56	47.39 3.35 0.00	41.38 2.99 0.00	40.03 2.97 0.00	39.29 2.98 0.00	38.40 2.94 0.00	38.80 3.11 0.00	39.83 3.06 -2.00	40.66 3.20 -0.20	45.70 3.62 0.00	50.71 3.76 0.00	56.77 4.01 0.00	59.90 4.49 0.00	59.08 3.92 0.00	49.67 3.34 0.75	42.13 2.70 0.95	34.75 2.15 1.54
RAVENSWOOD_GT_6 24253	40.74 2.09 -0.04	33.90 1.85 -1.76	30.28 1.79 1.79	31.07 1.68 0.00	30.54 1.68 1.71	34.65 1.94 1.37	46.06 2.64 0.57	49.50 3.14 0.56	47.39 3.35 0.00	41.38 2.99 0.00	40.03 2.97 0.00	39.29 2.98 0.00	38.40 2.94 0.00	38.80 3.11 0.00	39.83 3.06 -2.00	40.66 3.20 -0.20	45.70 3.62 0.00	50.71 3.76 0.00	56.77 4.01 0.00	59.90 4.49 0.00	59.08 3.92 0.00	49.67 3.34 0.75	42.13 2.70 0.95	34.75 2.15 1.54
RAVENSWOOD_GT_7 24255	40.74 2.09 -0.04	33.90 1.85 -1.76	30.28 1.79 1.79	31.07 1.68 0.00	30.54 1.68 1.71	34.65 1.94 1.37	46.06 2.64 0.57	49.50 3.14 0.56	47.39 3.35 0.00	41.38 2.99 0.00	40.03 2.97 0.00	39.29 2.98 0.00	38.40 2.94 0.00	38.80 3.11 0.00	39.83 3.06 -2.00	40.66 3.20 -0.20	45.70 3.62 0.00	50.71 3.76 0.00	56.77 4.01 0.00	59.90 4.49 0.00	59.08 3.92 0.00	49.67 3.34 0.75	42.13 2.70 0.95	34.75 2.15 1.54
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.70 2.09 0.00	32.17 1.88 0.00	32.07 1.79 0.00	31.10 1.71 0.00	32.25 1.68 0.00	36.02 1.94 0.00	46.63 2.64 0.00	50.11 3.19 0.00	47.39 3.35 0.00	41.42 3.03 0.00	40.03 2.97 0.00	39.33 3.01 0.00	38.44 2.98 0.00	38.84 3.14 0.00	39.86 3.09 -2.00	40.70 3.24 -0.20	45.74 3.66 0.00	50.76 3.80 0.00	56.77 4.01 0.00	59.96 4.54 0.00	59.08 3.92 0.00	50.42 3.34 0.00	43.07 2.70 0.00	36.32 2.18 0.00
RAVENSWOOD_GT_9 24257	40.70 2.09 0.00	32.17 1.88 0.00	32.07 1.79 0.00	31.10 1.71 0.00	32.25 1.68 0.00	36.02 1.94 0.00	46.63 2.64 0.00	50.11 3.19 0.00	47.39 3.35 0.00	41.42 3.03 0.00	40.03 2.97 0.00	39.33 3.01 0.00	38.44 2.98 0.00	38.84 3.14 0.00	39.86 3.09 -2.00	40.70 3.24 -0.20	45.74 3.66 0.00	50.76 3.80 0.00	56.77 4.01 0.00	59.96 4.54 0.00	59.08 3.92 0.00	50.42 3.34 0.00	43.07 2.70 0.00	36.32 2.18 0.00

RAVENSWOOD___1 23533	40.78 2.16 0.00	32.26 1.97 0.00	32.16 1.88 0.00	31.19 1.79 0.00	32.31 1.74 0.00	36.02 1.94 0.00	46.59 2.59 0.00	50.15 3.24 0.00	47.52 3.48 0.00	41.50 3.11 0.00	40.18 3.11 0.00	39.44 3.12 0.00	38.58 3.12 0.00	38.94 3.25 0.00	40.00 3.23 -2.00	40.85 3.39 -0.20	45.87 3.79 0.00	50.90 3.94 0.00	56.88 4.12 0.00	59.57 4.16 0.00	59.19 4.02 0.00	50.47 3.39 0.00	43.07 2.70 0.00	36.35 2.22 0.00
RAVENSWOOD___2 23534	40.78 2.16 0.00	32.23 1.94 0.00	32.16 1.88 0.00	31.19 1.79 0.00	32.31 1.74 0.00	36.02 1.94 0.00	46.59 2.59 0.00	50.15 3.24 0.00	47.52 3.48 0.00	41.50 3.11 0.00	40.18 3.11 0.00	39.44 3.12 0.00	38.58 3.12 0.00	38.94 3.25 0.00	40.00 3.23 -2.00	40.85 3.39 -0.20	45.87 3.79 0.00	50.90 3.94 0.00	56.88 4.12 0.00	59.57 4.16 0.00	59.19 4.02 0.00	50.47 3.39 0.00	43.07 2.70 0.00	36.35 2.22 0.00
RAVENSWOOD___3 23535	40.70 2.08 0.00	32.17 1.88 0.00	32.10 1.82 0.00	31.10 1.70 0.00	32.25 1.68 0.00	36.02 1.94 0.00	46.63 2.64 0.00	50.11 3.19 0.00	47.43 3.39 0.00	41.42 3.03 0.00	40.06 3.00 0.00	39.32 3.01 0.00	38.44 2.98 0.00	38.80 3.10 0.00	39.86 3.09 -2.00	40.70 3.24 -0.20	45.74 3.66 0.00	50.75 3.80 0.00	56.77 4.01 0.00	59.46 4.04 0.00	59.14 3.97 0.00	50.42 3.34 0.00	43.07 2.70 0.00	36.32 2.19 0.00
RAVENSWOOD___4 23820	39.38 2.16 1.40	29.96 1.94 2.27	32.16 1.88 0.00	31.19 1.79 0.00	32.31 1.74 0.00	36.02 1.94 0.00	46.59 2.59 0.00	50.15 3.24 0.00	47.52 3.48 0.00	41.50 3.11 0.00	40.18 3.11 0.00	39.44 3.12 0.00	38.58 3.12 0.00	38.94 3.25 0.00	40.00 3.23 -2.00	40.85 3.39 -0.20	45.87 3.79 0.00	50.90 3.94 0.00	56.88 4.12 0.00	59.57 4.16 0.00	59.19 4.02 0.00	50.47 3.39 0.00	43.07 2.70 0.00	36.35 2.22 0.00
RCPL_TRUST___DRP 24196	40.89 2.28 0.00	32.26 1.97 0.00	32.25 1.97 0.00	31.25 1.85 0.00	32.43 1.86 0.00	36.23 2.15 0.00	46.94 2.95 0.00	50.49 3.57 0.00	47.79 3.74 0.00	41.73 3.34 0.00	40.36 3.30 0.00	39.65 3.34 0.00	38.76 3.30 0.00	39.16 3.46 0.00	40.21 3.44 -2.00	41.04 3.58 -0.20	46.12 4.04 0.00	51.13 4.18 0.00	57.19 4.43 0.00	60.35 4.93 0.00	59.46 4.30 0.00	50.70 3.62 0.00	43.31 2.95 0.00	36.49 2.36 0.00
RED___ROCHESTER 323720	39.08 0.47 0.00	29.57 -0.73 0.00	29.34 -0.94 0.00	28.57 -0.82 0.00	29.83 -0.73 0.00	33.33 -0.75 0.00	42.50 -1.50 0.00	45.18 -1.74 0.00	42.28 -1.76 0.00	37.39 -1.00 0.00	36.03 -1.04 0.00	35.26 -1.05 0.00	34.40 -1.06 0.00	34.45 -1.25 0.00	33.38 -1.39 0.00	35.92 -1.34 0.00	40.10 -1.98 0.00	44.56 -2.39 0.00	50.44 -2.32 0.00	53.03 -2.38 0.00	52.90 -2.26 0.00	45.05 -2.02 0.00	38.95 -1.41 0.00	33.49 -0.65 0.00
REGAN___SOLAR 323812	41.16 2.55 0.00	32.29 2.00 0.00	32.28 2.00 0.00	31.28 1.88 0.00	32.61 2.05 0.00	36.46 2.38 0.00	47.16 3.17 0.00	50.20 3.28 0.00	46.68 2.64 0.00	40.42 2.03 0.00	39.06 2.00 0.00	38.34 2.03 0.00	37.37 1.91 0.00	37.69 2.00 0.00	36.58 1.95 0.13	39.33 2.09 0.01	44.65 2.57 0.00	49.96 3.01 0.00	56.40 3.64 0.00	59.24 3.82 0.00	59.35 4.19 0.00	50.75 3.67 0.00	43.28 2.91 0.00	36.46 2.32 0.00
RENSSELAER___COGEN 23796	39.04 0.43 0.00	30.81 0.51 0.00	30.83 0.55 0.00	29.90 0.50 0.00	31.08 0.52 0.00	34.59 0.51 0.00	44.65 0.66 0.00	47.72 0.80 0.00	44.57 0.53 0.00	38.66 0.27 0.00	37.40 0.33 0.00	36.57 0.26 0.00	35.71 0.25 0.00	36.05 0.36 0.00	35.19 0.52 0.10	37.77 0.52 0.01	42.71 0.63 0.00	47.70 0.75 0.00	53.55 0.79 0.00	55.91 0.50 0.00	55.88 0.72 0.00	47.73 0.66 0.00	40.97 0.61 0.00	34.61 0.48 0.00
REPUBLIC_115KV_BARTNBK 55605	41.01 2.39 0.00	32.20 1.91 0.00	32.22 1.94 0.00	31.22 1.82 0.00	32.55 1.99 0.00	36.40 2.32 0.00	47.38 3.39 0.00	50.30 3.38 0.00	46.68 2.64 0.00	40.31 1.92 0.00	38.92 1.85 0.00	38.42 2.11 0.00	37.41 1.95 0.00	37.73 2.03 0.00	36.50 1.88 0.15	39.37 2.12 0.01	44.73 2.65 0.00	50.00 3.05 0.00	56.61 3.85 0.00	59.79 4.38 0.00	59.52 4.36 0.00	50.93 3.86 0.00	43.36 2.99 0.00	36.46 2.32 0.00
REVERE_CPPR_DRP 24186	39.50 0.89 0.00	30.90 0.61 0.00	30.89 0.61 0.00	29.98 0.59 0.00	31.30 0.73 0.00	35.03 0.95 0.00	45.22 1.23 0.00	48.37 1.45 0.00	45.36 1.32 0.00	39.35 0.96 0.00	38.03 0.96 0.00	37.11 0.80 0.00	36.17 0.71 0.00	36.34 0.64 0.00	35.36 0.59 0.00	37.86 0.60 0.00	42.84 0.76 0.00	48.03 1.08 0.00	54.13 1.37 0.00	57.30 1.88 0.00	56.98 1.82 0.00	48.63 1.55 0.00	41.66 1.29 0.00	35.09 0.96 0.00
REYNLDPA_13_KV_LD 356490	38.81 0.19 0.00	30.48 0.18 0.00	30.55 0.27 0.00	29.66 0.26 0.00	30.69 0.12 0.00	34.28 0.20 0.00	44.26 0.26 0.00	47.06 0.14 0.00	44.35 0.31 0.00	38.73 0.35 0.00	37.32 0.26 0.00	36.57 0.25 0.00	35.78 0.32 0.00	35.91 0.21 0.00	35.05 0.28 0.00	37.56 0.30 0.00	42.46 0.38 0.00	47.33 0.38 0.00	53.13 0.37 0.00	55.64 0.22 0.00	55.77 0.61 0.00	47.50 0.42 0.00	40.93 0.57 0.00	34.41 0.27 0.00
REYNOLDS_115KV_TB3 80639	39.35 0.73 0.00	31.05 0.76 0.00	31.04 0.76 0.00	30.13 0.73 0.00	31.33 0.76 0.00	34.86 0.78 0.00	45.00 1.01 0.00	48.05 1.13 0.00	44.88 0.84 0.00	38.93 0.54 0.00	37.66 0.59 0.00	36.86 0.54 0.00	35.96 0.50 0.00	36.30 0.61 0.00	35.40 0.73 0.10	38.00 0.75 0.01	43.05 0.97 0.00	48.08 1.13 0.00	54.03 1.27 0.00	56.63 1.22 0.00	56.27 1.10 0.00	48.11 1.04 0.00	41.30 0.93 0.00	34.85 0.72 0.00
RIVERBAY____ 323610	40.97 2.36 0.00	32.41 2.12 0.00	32.34 2.06 0.00	31.40 2.00 0.00	32.40 1.83 0.00	36.12 2.04 0.00	46.72 2.73 0.00	50.20 3.28 0.00	47.52 3.48 0.00	41.54 3.15 0.00	40.14 3.08 0.00	39.43 3.12 0.00	38.58 3.12 0.00	38.94 3.25 0.00	40.00 3.23 -2.00	40.81 3.35 -0.20	45.95 3.87 0.00	50.85 3.90 0.00	56.88 4.12 0.00	60.12 4.71 0.00	59.19 4.03 0.00	50.46 3.39 0.00	43.11 2.75 0.00	36.39 2.25 0.00
RIVERSDE_115KV_TB3 55908	39.19 0.58 0.00	30.96 0.67 0.00	30.95 0.67 0.00	30.01 0.62 0.00	31.21 0.64 0.00	34.73 0.65 0.00	44.87 0.88 0.00	47.91 0.99 0.00	44.79 0.75 0.00	38.85 0.46 0.00	37.58 0.52 0.00	36.75 0.44 0.00	35.85 0.39 0.00	36.23 0.54 0.00	35.32 0.66 0.11	37.92 0.67 0.01	42.92 0.84 0.00	47.94 0.99 0.00	53.82 1.06 0.00	56.47 1.05 0.00	56.10 0.94 0.00	47.97 0.89 0.00	41.18 0.81 0.00	34.75 0.61 0.00
ROARING___BROOK_WT_PWR 323790	38.23 -0.39 0.00	30.05 -0.24 0.00	30.10 -0.18 0.00	29.22 -0.18 0.00	30.35 -0.21 0.00	33.88 -0.20 0.00	43.73 -0.26 0.00	46.59 -0.33 0.00	43.82 -0.22 0.00	38.20 -0.19 0.00	36.88 -0.18 0.00	36.13 -0.18 0.00	35.28 -0.18 0.00	35.52 -0.18 0.00	34.60 -0.17 0.00	37.08 -0.19 0.00	41.87 -0.21 0.00	46.67 -0.28 0.00	52.39 -0.37 0.00	55.08 -0.33 0.00	54.72 -0.44 0.00	46.65 -0.42 0.00	40.04 -0.32 0.00	33.80 -0.34 0.00

ROCHESRG_115KV_T4 355643	38.58 -0.04 0.00	29.32 -0.97 0.00	29.10 -1.18 0.00	28.34 -1.06 0.00	29.59 -0.98 0.00	33.02 -1.06 0.00	42.14 -1.85 0.00	44.81 -2.11 0.00	42.06 -1.98 0.00	37.01 -1.38 0.00	35.73 -1.33 0.00	34.90 -1.42 0.00	34.08 -1.38 0.00	34.09 -1.61 0.00	33.07 -1.70 0.00	35.55 -1.71 0.00	39.72 -2.36 0.00	44.14 -2.82 0.00	49.91 -2.85 0.00	53.03 -2.38 0.00	52.51 -2.65 0.00	44.58 -2.49 0.00	38.59 -1.78 0.00	33.15 -0.99 0.00
ROCHESTER_9_IC 23652	38.81 0.19 0.00	29.48 -0.82 0.00	29.22 -1.06 0.00	28.46 -0.94 0.00	29.71 -0.86 0.00	33.19 -0.89 0.00	42.36 -1.63 0.00	45.04 -1.88 0.00	42.28 -1.76 0.00	37.20 -1.19 0.00	35.91 -1.15 0.00	35.11 -1.20 0.00	34.25 -1.21 0.00	34.27 -1.43 0.00	33.24 -1.53 0.00	35.73 -1.53 0.00	39.93 -2.15 0.00	44.37 -2.58 0.00	50.23 -2.53 0.00	53.36 -2.05 0.00	52.79 -2.37 0.00	44.81 -2.26 0.00	38.79 -1.57 0.00	33.35 -0.79 0.00
ROCKVIEW_13_KV_LD 356306	40.74 2.12 0.00	32.14 1.85 0.00	32.07 1.79 0.00	31.07 1.68 0.00	32.25 1.68 0.00	36.02 1.94 0.00	46.63 2.64 0.00	50.06 3.14 0.00	47.30 3.26 0.00	41.34 2.96 0.00	39.95 2.89 0.00	39.22 2.90 0.00	38.37 2.91 0.00	38.73 3.03 0.00	39.76 2.99 -2.00	40.63 3.17 -0.20	45.66 3.58 0.00	50.66 3.71 0.00	56.77 4.01 0.00	59.96 4.54 0.00	59.13 3.97 0.00	50.46 3.39 0.00	43.11 2.75 0.00	36.36 2.22 0.00
ROME____115KV_TB2 80656	39.50 0.89 0.00	30.90 0.61 0.00	30.89 0.61 0.00	29.98 0.59 0.00	31.30 0.73 0.00	35.03 0.95 0.00	45.22 1.23 0.00	48.37 1.45 0.00	45.36 1.32 0.00	39.35 0.96 0.00	38.03 0.96 0.00	37.11 0.80 0.00	36.17 0.71 0.00	36.34 0.64 0.00	35.36 0.59 0.00	37.86 0.60 0.00	42.84 0.76 0.00	48.03 1.08 0.00	54.13 1.37 0.00	57.30 1.88 0.00	56.98 1.82 0.00	48.63 1.55 0.00	41.66 1.29 0.00	35.09 0.96 0.00
ROSETON___1 23587	40.20 1.58 0.00	31.72 1.42 0.00	31.68 1.39 0.00	30.72 1.32 0.00	31.88 1.31 0.00	35.54 1.46 0.00	46.02 2.02 0.00	49.31 2.39 0.00	46.68 2.64 0.00	40.69 2.30 0.00	39.36 2.30 0.00	38.60 2.29 0.00	37.73 2.27 0.00	38.05 2.36 0.00	39.09 2.37 -1.96	39.91 2.46 -0.19	44.90 2.82 0.00	49.91 2.96 0.00	55.93 3.17 0.00	58.63 3.21 0.00	58.30 3.14 0.00	49.76 2.68 0.00	42.55 2.18 0.00	35.91 1.77 0.00
ROSETON___2 23588	40.20 1.58 0.00	31.72 1.42 0.00	31.68 1.39 0.00	30.72 1.32 0.00	31.88 1.31 0.00	35.54 1.46 0.00	46.02 2.02 0.00	49.31 2.39 0.00	46.68 2.64 0.00	40.69 2.30 0.00	39.36 2.30 0.00	38.60 2.29 0.00	37.73 2.27 0.00	38.05 2.36 0.00	39.09 2.37 -1.96	39.91 2.46 -0.19	44.90 2.82 0.00	49.91 2.96 0.00	55.93 3.17 0.00	58.63 3.21 0.00	58.30 3.14 0.00	49.76 2.68 0.00	42.55 2.18 0.00	35.91 1.77 0.00
ROTRRDAM_115KV_TB3 80664	39.58 0.97 0.00	31.17 0.88 0.00	31.16 0.88 0.00	30.22 0.82 0.00	31.42 0.86 0.00	35.03 0.95 0.00	45.27 1.28 0.00	48.28 1.36 0.00	45.14 1.10 0.00	39.23 0.84 0.00	37.92 0.85 0.00	37.18 0.87 0.00	36.27 0.82 0.00	36.59 0.89 0.00	35.51 0.90 0.17	38.21 0.97 0.02	43.26 1.18 0.00	48.31 1.36 0.00	54.29 1.53 0.00	57.08 1.66 0.00	56.71 1.54 0.00	48.49 1.41 0.00	41.54 1.17 0.00	35.06 0.92 0.00
RUSSELL___1 23602	39.04 0.42 0.00	29.57 -0.73 0.00	29.34 -0.94 0.00	28.57 -0.82 0.00	29.83 -0.73 0.00	33.33 -0.75 0.00	42.50 -1.50 0.00	45.23 -1.69 0.00	42.46 -1.59 0.00	37.39 -1.00 0.00	36.10 -0.96 0.00	35.26 -1.05 0.00	34.40 -1.06 0.00	34.45 -1.25 0.00	33.38 -1.39 0.00	35.92 -1.34 0.00	40.10 -1.98 0.00	44.56 -2.39 0.00	50.44 -2.32 0.00	53.64 -1.77 0.00	53.12 -2.04 0.00	45.05 -2.02 0.00	38.96 -1.41 0.00	33.49 -0.65 0.00
RUSSELL___2 23532	39.04 0.42 0.00	29.57 -0.73 0.00	29.34 -0.94 0.00	28.57 -0.82 0.00	29.83 -0.73 0.00	33.33 -0.75 0.00	42.50 -1.50 0.00	45.23 -1.69 0.00	42.46 -1.59 0.00	37.39 -1.00 0.00	36.10 -0.96 0.00	35.26 -1.05 0.00	34.40 -1.06 0.00	34.45 -1.25 0.00	33.38 -1.39 0.00	35.92 -1.34 0.00	40.10 -1.98 0.00	44.56 -2.39 0.00	50.44 -2.32 0.00	53.64 -1.77 0.00	53.12 -2.04 0.00	45.05 -2.02 0.00	38.96 -1.41 0.00	33.49 -0.65 0.00
RUSSELL___3 23549	39.04 0.42 0.00	29.57 -0.73 0.00	29.34 -0.94 0.00	28.57 -0.82 0.00	29.83 -0.73 0.00	33.33 -0.75 0.00	42.50 -1.50 0.00	45.23 -1.69 0.00	42.46 -1.59 0.00	37.39 -1.00 0.00	36.10 -0.96 0.00	35.26 -1.05 0.00	34.40 -1.06 0.00	34.45 -1.25 0.00	33.38 -1.39 0.00	35.92 -1.34 0.00	40.10 -1.98 0.00	44.56 -2.39 0.00	50.44 -2.32 0.00	53.64 -1.77 0.00	53.12 -2.04 0.00	45.05 -2.02 0.00	38.96 -1.41 0.00	33.49 -0.65 0.00
RUSSELL___4 23556	39.04 0.42 0.00	29.57 -0.73 0.00	29.34 -0.94 0.00	28.57 -0.82 0.00	29.83 -0.73 0.00	33.33 -0.75 0.00	42.50 -1.50 0.00	45.23 -1.69 0.00	42.46 -1.59 0.00	37.39 -1.00 0.00	36.10 -0.96 0.00	35.26 -1.05 0.00	34.40 -1.06 0.00	34.45 -1.25 0.00	33.38 -1.39 0.00	35.92 -1.34 0.00	40.10 -1.98 0.00	44.56 -2.39 0.00	50.44 -2.32 0.00	53.64 -1.77 0.00	53.12 -2.04 0.00	45.05 -2.02 0.00	38.96 -1.41 0.00	33.49 -0.65 0.00
RUSSELL___STATION 23914	39.04 0.42 0.00	29.57 -0.73 0.00	29.34 -0.94 0.00	28.57 -0.82 0.00	29.83 -0.73 0.00	33.33 -0.75 0.00	42.50 -1.50 0.00	45.23 -1.69 0.00	42.46 -1.59 0.00	37.39 -1.00 0.00	36.10 -0.96 0.00	35.26 -1.05 0.00	34.40 -1.06 0.00	34.45 -1.25 0.00	33.38 -1.39 0.00	35.92 -1.34 0.00	40.10 -1.98 0.00	44.56 -2.39 0.00	50.44 -2.32 0.00	53.64 -1.77 0.00	53.12 -2.04 0.00	45.05 -2.02 0.00	38.96 -1.41 0.00	33.49 -0.65 0.00
S SALMON___HYD 24043	37.73 -0.89 0.00	29.48 -0.82 0.00	29.43 -0.85 0.00	28.57 -0.82 0.00	29.80 -0.76 0.00	33.33 -0.75 0.00	43.02 -0.97 0.00	45.79 -1.13 0.00	42.81 -1.23 0.00	37.27 -1.11 0.00	35.95 -1.11 0.00	35.15 -1.16 0.00	34.29 -1.17 0.00	34.48 -1.21 0.00	33.55 -1.22 0.00	36.03 -1.23 0.00	40.69 -1.39 0.00	45.55 -1.41 0.00	51.39 -1.37 0.00	54.20 -1.22 0.00	54.00 -1.16 0.00	46.08 -0.99 0.00	39.44 -0.93 0.00	33.32 -0.82 0.00
S.PERRY__115KV_TB1 80734	40.28 1.66 0.00	30.32 0.03 0.00	30.07 -0.21 0.00	29.28 -0.12 0.00	30.63 0.06 0.00	34.28 0.20 0.00	43.82 -0.18 0.00	46.54 -0.38 0.00	43.38 -0.66 0.00	37.93 -0.46 0.00	36.51 -0.56 0.00	35.48 -0.84 0.00	34.61 -0.85 0.00	34.59 -1.11 0.00	33.52 -1.25 0.00	36.07 -1.19 0.00	40.40 -1.68 0.00	45.17 -1.78 0.00	51.50 -1.27 0.00	55.30 -0.11 0.00	54.78 -0.39 0.00	46.37 -0.71 0.00	40.05 -0.32 0.00	34.38 0.24 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	38.69 0.08 0.00	28.90 -1.39 0.00	28.52 -1.76 0.00	27.87 -1.53 0.00	29.10 -1.47 0.00	32.41 -1.67 0.00	41.18 -2.82 0.00	43.59 -3.33 0.00	40.87 -3.17 0.00	36.12 -2.26 0.00	34.95 -2.11 0.00	33.99 -2.32 0.00	33.26 -2.20 0.00	33.13 -2.57 0.00	32.13 -2.64 0.00	34.47 -2.79 0.00	38.29 -3.79 0.00	42.40 -4.55 0.00	48.12 -4.64 0.00	51.48 -3.93 0.00	50.75 -4.41 0.00	43.03 -4.05 0.00	37.54 -2.83 0.00	32.63 -1.50 0.00

SAWYER___23_KV_LOAD 55526	38.69 0.08 0.00	28.90 -1.39 0.00	28.52 -1.76 0.00	27.87 -1.53 0.00	29.10 -1.47 0.00	32.41 -1.67 0.00	41.18 -2.82 0.00	43.59 -3.33 0.00	40.87 -3.17 0.00	36.12 -2.26 0.00	34.95 -2.11 0.00	33.99 -2.32 0.00	33.26 -2.20 0.00	33.13 -2.57 0.00	32.13 -2.64 0.00	34.47 -2.79 0.00	38.29 -3.79 0.00	42.40 -4.55 0.00	48.12 -4.64 0.00	51.48 -3.93 0.00	50.75 -4.41 0.00	43.03 -4.05 0.00	37.54 -2.83 0.00	32.63 -1.50 0.00
SELKIRK___I 23801	39.35 0.73 0.00	31.02 0.73 0.00	31.04 0.76 0.00	30.10 0.70 0.00	31.30 0.73 0.00	34.83 0.75 0.00	44.92 0.93 0.00	47.91 0.99 0.00	44.70 0.66 0.00	38.77 0.38 0.00	37.47 0.41 0.00	36.78 0.47 0.00	35.92 0.46 0.00	36.23 0.54 0.00	35.32 0.55 0.00	37.86 0.59 0.00	42.84 0.76 0.00	47.84 0.89 0.00	53.76 1.00 0.00	56.19 0.78 0.00	56.16 0.99 0.00	48.02 0.94 0.00	41.18 0.81 0.00	34.82 0.68 0.00
SELKIRK___II 23799	39.16 0.54 0.00	30.90 0.61 0.00	30.92 0.64 0.00	29.98 0.59 0.00	31.18 0.61 0.00	34.69 0.61 0.00	44.78 0.79 0.00	47.81 0.89 0.00	44.70 0.66 0.00	38.81 0.42 0.00	37.54 0.48 0.00	36.78 0.47 0.00	35.92 0.46 0.00	36.27 0.57 0.00	35.25 0.63 0.15	37.88 0.63 0.01	42.84 0.76 0.00	47.84 0.89 0.00	53.71 0.95 0.00	56.13 0.72 0.00	56.04 0.88 0.00	47.87 0.80 0.00	41.10 0.73 0.00	34.72 0.58 0.00
SENECA OSWGO___HYD 24041	37.73 -0.89 0.00	29.48 -0.82 0.00	29.43 -0.85 0.00	28.57 -0.82 0.00	29.77 -0.79 0.00	33.19 -0.89 0.00	42.85 -1.14 0.00	45.70 -1.22 0.00	42.76 -1.28 0.00	37.39 -1.00 0.00	36.10 -0.96 0.00	35.33 -0.98 0.00	34.50 -0.96 0.00	34.70 -1.00 0.00	33.69 -1.08 0.00	36.18 -1.08 0.00	40.77 -1.30 0.00	45.50 -1.46 0.00	51.23 -1.53 0.00	53.81 -1.61 0.00	53.56 -1.60 0.00	45.71 -1.37 0.00	39.20 -1.17 0.00	33.22 -0.92 0.00
SENECA___115KV_TB3 355854	39.16 0.54 0.00	29.17 -1.12 0.00	28.77 -1.51 0.00	28.13 -1.26 0.00	29.37 -1.19 0.00	32.75 -1.33 0.00	41.62 -2.38 0.00	44.20 -2.72 0.00	41.40 -2.64 0.00	36.58 -1.80 0.00	35.36 -1.70 0.00	34.39 -1.92 0.00	33.65 -1.81 0.00	33.45 -2.25 0.00	32.48 -2.29 0.00	34.84 -2.42 0.00	38.71 -3.37 0.00	42.91 -4.04 0.00	48.70 -4.06 0.00	52.09 -3.32 0.00	51.36 -3.81 0.00	43.59 -3.48 0.00	37.99 -2.38 0.00	32.94 -1.19 0.00
SENECA___ENERGY 23797	38.54 -0.08 0.00	29.78 -0.52 0.00	29.64 -0.64 0.00	28.84 -0.56 0.00	30.08 -0.49 0.00	33.60 -0.48 0.00	43.33 -0.66 0.00	46.17 -0.75 0.00	43.16 -0.88 0.00	37.77 -0.62 0.00	36.43 -0.63 0.00	35.62 -0.69 0.00	34.75 -0.71 0.00	34.84 -0.86 0.00	33.83 -0.94 0.00	36.33 -0.93 0.00	40.86 -1.22 0.00	45.59 -1.36 0.00	51.39 -1.37 0.00	54.03 -1.38 0.00	53.79 -1.38 0.00	45.99 -1.08 0.00	39.48 -0.89 0.00	33.63 -0.51 0.00
SHOEMAKER___GT 23640	40.00 1.39 0.00	31.54 1.24 0.00	31.49 1.21 0.00	30.54 1.15 0.00	31.76 1.19 0.00	35.41 1.33 0.00	45.75 1.76 0.00	48.98 2.06 0.00	46.20 2.16 0.00	40.27 1.88 0.00	38.95 1.89 0.00	38.16 1.85 0.00	37.30 1.84 0.00	37.62 1.93 0.00	38.37 1.91 -1.69	39.44 2.01 -0.17	44.35 2.27 0.00	49.39 2.44 0.00	55.40 2.64 0.00	58.13 2.71 0.00	57.86 2.70 0.00	49.38 2.31 0.00	42.23 1.86 0.00	35.67 1.54 0.00
SHOEMAKR_138KV_BK 111 55601	40.04 1.43 0.00	31.57 1.27 0.00	31.49 1.21 0.00	30.57 1.18 0.00	31.76 1.19 0.00	35.41 1.33 0.00	45.80 1.80 0.00	49.03 2.11 0.00	46.20 2.16 0.00	40.31 1.92 0.00	38.95 1.89 0.00	38.20 1.89 0.00	37.34 1.88 0.00	37.66 1.96 0.00	38.39 1.95 -1.67	39.48 2.05 -0.17	44.44 2.36 0.00	49.44 2.49 0.00	55.45 2.69 0.00	58.57 3.16 0.00	57.86 2.70 0.00	49.38 2.31 0.00	42.23 1.86 0.00	35.67 1.54 0.00
SHOREHAM_IC_1 23715	42.10 3.48 -0.01	33.30 3.00 -0.01	33.13 2.85 -0.01	32.10 2.70 0.00	33.38 2.81 -0.01	37.29 3.20 -0.01	47.73 3.74 0.00	50.72 3.80 0.00	48.58 4.54 0.00	42.51 4.11 -0.01	40.63 3.56 -0.01	39.84 3.52 -0.01	38.87 3.40 -0.01	39.27 3.57 -0.01	42.96 3.51 -4.68	46.91 3.61 -6.04	50.05 4.13 -3.85	53.39 4.51 -1.93	57.89 5.12 -0.01	70.30 5.43 -9.45	71.09 5.41 -10.52	57.19 4.62 -5.50	46.20 4.24 -1.59	42.70 3.72 -4.84
SHOREHAM_IC_2 23716	42.10 3.48 -0.01	33.33 3.03 -0.01	33.13 2.85 0.00	32.10 2.70 0.00	33.38 2.81 0.00	37.28 3.20 0.00	47.78 3.78 0.00	50.67 3.75 0.00	48.36 4.32 0.00	42.50 4.11 -0.01	40.59 3.52 -0.01	39.84 3.52 -0.01	38.87 3.40 -0.01	39.27 3.57 -0.01	42.96 3.51 -4.68	46.91 3.61 -6.04	50.05 4.12 -3.85	53.39 4.51 -1.93	57.89 5.12 -0.01	70.80 5.93 -9.45	71.03 5.35 -10.52	57.33 4.75 -5.50	46.20 4.24 -1.59	42.70 3.72 -4.84
SISSONVILLE____ 23735	37.34 -1.27 0.00	29.35 -0.94 0.00	29.49 -0.79 0.00	28.60 -0.79 0.00	29.65 -0.92 0.00	33.19 -0.89 0.00	42.85 -1.14 0.00	45.47 -1.45 0.00	42.85 -1.19 0.00	37.31 -1.07 0.00	35.91 -1.15 0.00	35.15 -1.16 0.00	34.32 -1.13 0.00	34.48 -1.21 0.00	33.69 -1.08 0.00	36.11 -1.16 0.00	40.94 -1.14 0.00	45.64 -1.31 0.00	51.34 -1.42 0.00	53.86 -1.55 0.00	54.11 -1.05 0.00	46.09 -0.99 0.00	39.84 -0.52 0.00	33.39 -0.75 0.00
SITHE_IND_GS1 24169	37.57 -1.04 0.00	29.35 -0.94 0.00	29.31 -0.97 0.00	28.45 -0.94 0.00	29.65 -0.92 0.00	33.06 -1.02 0.00	42.63 -1.36 0.00	45.37 -1.55 0.00	42.50 -1.54 0.00	37.16 -1.23 0.00	35.88 -1.19 0.00	35.11 -1.20 0.00	34.29 -1.17 0.00	34.48 -1.21 0.00	33.55 -1.22 0.00	35.96 -1.31 0.00	40.57 -1.51 0.00	45.22 -1.74 0.00	50.91 -1.85 0.00	53.42 -1.99 0.00	53.18 -1.98 0.00	45.38 -1.69 0.00	38.95 -1.41 0.00	33.04 -1.09 0.00
SITHE_IND_GS2 24170	37.57 -1.04 0.00	29.35 -0.94 0.00	29.31 -0.97 0.00	28.45 -0.94 0.00	29.65 -0.92 0.00	33.06 -1.02 0.00	42.63 -1.36 0.00	45.37 -1.55 0.00	42.50 -1.54 0.00	37.16 -1.23 0.00	35.88 -1.19 0.00	35.11 -1.20 0.00	34.29 -1.17 0.00	34.48 -1.21 0.00	33.55 -1.22 0.00	35.96 -1.31 0.00	40.57 -1.51 0.00	45.22 -1.74 0.00	50.91 -1.85 0.00	53.42 -1.99 0.00	53.18 -1.98 0.00	45.38 -1.69 0.00	38.95 -1.41 0.00	33.04 -1.09 0.00
SITHE_IND_GS3 24171	37.57 -1.04 0.00	29.35 -0.94 0.00	29.31 -0.97 0.00	28.45 -0.94 0.00	29.65 -0.92 0.00	33.06 -1.02 0.00	42.63 -1.36 0.00	45.37 -1.55 0.00	42.50 -1.54 0.00	37.16 -1.23 0.00	35.88 -1.19 0.00	35.11 -1.20 0.00	34.29 -1.17 0.00	34.48 -1.21 0.00	33.55 -1.22 0.00	35.96 -1.31 0.00	40.57 -1.51 0.00	45.22 -1.74 0.00	50.91 -1.85 0.00	53.42 -1.99 0.00	53.18 -1.98 0.00	45.38 -1.69 0.00	38.95 -1.41 0.00	33.04 -1.09 0.00
SITHE_IND_GS4 24172	37.57 -1.04 0.00	29.35 -0.94 0.00	29.31 -0.97 0.00	28.45 -0.94 0.00	29.65 -0.92 0.00	33.06 -1.02 0.00	42.63 -1.36 0.00	45.37 -1.55 0.00	42.50 -1.54 0.00	37.16 -1.23 0.00	35.88 -1.19 0.00	35.11 -1.20 0.00	34.29 -1.17 0.00	34.48 -1.21 0.00	33.55 -1.22 0.00	35.96 -1.31 0.00	40.57 -1.51 0.00	45.22 -1.74 0.00	50.91 -1.85 0.00	53.42 -1.99 0.00	53.18 -1.98 0.00	45.38 -1.69 0.00	38.95 -1.41 0.00	33.04 -1.09 0.00

SITHE___BATAVIA 24024	39.66 1.04 0.00	29.51 -0.79 0.00	29.16 -1.12 0.00	28.45 -0.94 0.00	29.77 -0.79 0.00	33.30 -0.78 0.00	42.23 -1.76 0.00	44.81 -2.11 0.00	41.84 -2.20 0.00	37.04 -1.34 0.00	35.58 -1.48 0.00	34.75 -1.56 0.00	33.90 -1.56 0.00	33.84 -1.86 0.00	32.75 -2.02 0.00	35.25 -2.01 0.00	39.26 -2.82 0.00	43.62 -3.33 0.00	49.60 -3.16 0.00	52.26 -3.16 0.00	52.24 -2.93 0.00	44.44 -2.64 0.00	38.67 -1.69 0.00	33.45 -0.68 0.00
SITHE___INDEPEND 23800	37.53 -1.08 0.00	29.35 -0.94 0.00	29.31 -0.97 0.00	28.46 -0.94 0.00	29.65 -0.92 0.00	33.06 -1.02 0.00	42.63 -1.36 0.00	45.37 -1.55 0.00	42.54 -1.50 0.00	37.16 -1.23 0.00	35.88 -1.19 0.00	35.11 -1.20 0.00	34.29 -1.17 0.00	34.48 -1.21 0.00	33.55 -1.22 0.00	35.96 -1.30 0.00	40.56 -1.51 0.00	45.22 -1.74 0.00	50.91 -1.85 0.00	53.59 -1.83 0.00	53.23 -1.93 0.00	45.38 -1.69 0.00	38.96 -1.41 0.00	33.04 -1.09 0.00
SITHE___MASSENA 23902	38.42 -0.19 0.00	30.17 -0.12 0.00	30.25 -0.03 0.00	29.37 -0.03 0.00	30.41 -0.15 0.00	33.98 -0.10 0.00	43.86 -0.13 0.00	46.59 -0.33 0.00	43.95 -0.09 0.00	38.35 -0.04 0.00	36.92 -0.15 0.00	36.17 -0.14 0.00	35.35 -0.11 0.00	35.52 -0.18 0.00	34.67 -0.10 0.00	37.15 -0.11 0.00	42.04 -0.04 0.00	46.81 -0.14 0.00	52.60 -0.16 0.00	55.53 0.11 0.00	55.22 0.06 0.00	47.03 -0.05 0.00	40.65 0.28 0.00	34.17 0.03 0.00
SITHE___OGDNSBRG 24021	38.42 -0.19 0.00	30.20 -0.09 0.00	30.31 0.03 0.00	29.43 0.03 0.00	30.50 -0.06 0.00	34.18 0.10 0.00	44.12 0.13 0.00	46.69 -0.23 0.00	43.91 -0.13 0.00	38.12 -0.27 0.00	36.69 -0.37 0.00	35.91 -0.40 0.00	35.03 -0.43 0.00	35.20 -0.50 0.00	34.39 -0.38 0.00	36.89 -0.37 0.00	41.87 -0.21 0.00	46.81 -0.14 0.00	52.76 0.00 0.00	55.41 0.00 0.00	55.71 0.55 0.00	47.45 0.38 0.00	41.01 0.65 0.00	34.38 0.24 0.00
SITHE___STERLING 23777	39.35 0.73 0.00	30.75 0.46 0.00	30.74 0.45 0.00	29.84 0.44 0.00	31.14 0.58 0.00	34.80 0.72 0.00	44.96 0.97 0.00	48.00 1.08 0.00	44.97 0.93 0.00	39.08 0.69 0.00	37.77 0.70 0.00	36.89 0.58 0.00	35.96 0.50 0.00	36.13 0.43 0.00	35.19 0.42 0.00	37.67 0.41 0.00	42.62 0.55 0.00	47.70 0.75 0.00	53.76 1.00 0.00	56.63 1.22 0.00	56.48 1.32 0.00	48.20 1.13 0.00	41.30 0.93 0.00	34.82 0.68 0.00
SLEIGHT__34_KV_TB1 80719	38.46 -0.15 0.00	29.45 -0.85 0.00	29.31 -0.97 0.00	28.49 -0.91 0.00	29.74 -0.83 0.00	33.26 -0.82 0.00	42.67 -1.32 0.00	45.42 -1.50 0.00	42.63 -1.41 0.00	37.43 -0.96 0.00	36.10 -0.96 0.00	35.30 -1.02 0.00	34.43 -1.03 0.00	34.52 -1.18 0.00	33.48 -1.29 0.00	35.99 -1.27 0.00	40.35 -1.73 0.00	44.89 -2.07 0.00	50.76 -2.00 0.00	53.75 -1.66 0.00	53.23 -1.93 0.00	45.24 -1.84 0.00	39.00 -1.37 0.00	33.35 -0.79 0.00
SMITHTWN_69_KV_BK 1 55830	42.14 3.51 -0.01	33.30 3.00 -0.01	33.10 2.82 0.00	32.07 2.68 0.00	33.32 2.75 0.00	37.22 3.14 0.00	47.73 3.74 0.00	50.72 3.80 0.00	48.36 4.32 0.00	42.50 4.11 -0.01	40.63 3.56 -0.01	39.88 3.56 -0.01	38.94 3.47 -0.01	39.31 3.61 -0.01	43.01 3.55 -4.69	46.93 3.61 -6.06	50.07 4.12 -3.86	53.35 4.46 -1.94	57.84 5.07 -0.01	70.61 5.71 -9.49	70.90 5.19 -10.56	57.11 4.52 -5.52	45.96 4.00 -1.60	42.51 3.52 -4.86
SOUTH CAIRO___GT 23612	39.70 1.08 0.00	31.29 1.00 0.00	31.34 1.06 0.00	30.40 1.00 0.00	31.64 1.07 0.00	35.27 1.19 0.00	45.58 1.58 0.00	48.52 1.60 0.00	44.97 0.92 0.00	38.66 0.27 0.00	37.32 0.26 0.00	36.49 0.18 0.00	35.67 0.21 0.00	35.95 0.25 0.00	35.63 0.56 -0.30	37.89 0.60 -0.03	42.79 0.72 0.00	48.08 1.13 0.00	54.13 1.37 0.00	57.19 1.77 0.00	56.76 1.60 0.00	48.53 1.46 0.00	41.54 1.17 0.00	35.13 0.99 0.00
SOUTH HAMPTN___IC 23720	42.22 3.59 -0.01	33.42 3.12 -0.01	33.26 2.97 -0.01	32.25 2.85 0.00	33.57 3.00 -0.01	37.53 3.44 -0.01	48.08 4.09 0.00	51.14 4.22 0.00	48.97 4.93 0.00	42.89 4.49 -0.01	41.00 3.93 -0.01	40.24 3.92 -0.01	39.26 3.80 -0.01	39.63 3.93 -0.01	43.31 3.86 -4.68	47.28 3.99 -6.03	50.47 4.55 -3.84	53.86 4.97 -1.93	58.42 5.65 -0.01	70.84 5.99 -9.44	71.63 5.96 -10.51	57.70 5.13 -5.49	46.64 4.68 -1.59	43.07 4.09 -4.84
SOUTHDOW_115KV_TB1 355954	40.93 2.32 0.00	30.29 0.00 0.00	29.80 -0.48 0.00	29.19 -0.21 0.00	30.50 -0.06 0.00	34.01 -0.07 0.00	43.55 -0.44 0.00	46.45 -0.47 0.00	43.43 -0.62 0.00	38.31 -0.08 0.00	36.95 -0.11 0.00	35.80 -0.51 0.00	35.00 -0.46 0.00	34.70 -1.00 0.00	33.62 -1.15 0.00	36.14 -1.12 0.00	40.10 -1.98 0.00	44.56 -2.39 0.00	50.49 -2.27 0.00	54.20 -1.22 0.00	53.45 -1.71 0.00	45.43 -1.65 0.00	39.40 -0.97 0.00	34.07 -0.07 0.00
SOUTHOLD_69_KV_BK 2 55809	42.21 3.59 -0.01	33.48 3.18 -0.01	33.31 3.03 0.00	32.40 3.00 0.00	33.81 3.24 0.00	37.83 3.75 0.00	48.61 4.62 0.00	51.71 4.79 0.00	49.37 5.33 0.00	43.39 4.99 -0.01	41.48 4.41 -0.01	40.71 4.39 -0.01	39.69 4.22 -0.01	40.10 4.39 -0.01	43.72 4.28 -4.68	47.76 4.47 -6.03	51.02 5.09 -3.84	54.47 5.59 -1.93	59.10 6.33 -0.01	72.12 7.26 -9.44	72.45 6.78 -10.51	58.55 5.98 -5.49	47.29 5.33 -1.59	43.58 4.61 -4.84
SOUTHOLD___IC 23719	42.17 3.55 -0.01	33.45 3.15 -0.01	33.35 3.06 -0.01	32.40 3.00 0.00	33.81 3.24 -0.01	37.84 3.75 -0.01	48.57 4.58 0.00	51.71 4.79 0.00	49.55 5.50 0.00	43.38 4.99 -0.01	41.48 4.41 -0.01	40.71 4.39 -0.01	39.69 4.22 -0.01	40.09 4.39 -0.01	43.72 4.28 -4.68	47.76 4.47 -6.03	51.01 5.09 -3.84	54.47 5.58 -1.93	59.10 6.33 -0.01	71.62 6.76 -9.44	72.45 6.78 -10.51	58.40 5.84 -5.49	47.29 5.33 -1.59	43.58 4.61 -4.84
SOUTH_FORK_WT_PWR 323839	41.87 3.24 -0.01	33.27 2.97 -0.01	33.17 2.88 -0.01	32.28 2.88 0.00	33.75 3.18 -0.01	37.80 3.72 -0.01	48.57 4.58 0.00	51.71 4.79 0.00	49.59 5.55 0.00	43.42 5.03 -0.01	41.56 4.48 -0.01	40.79 4.47 -0.01	39.76 4.29 -0.01	40.13 4.43 -0.01	43.72 4.28 -4.68	47.72 4.43 -6.03	50.97 5.05 -3.84	54.47 5.58 -1.93	59.00 6.22 -0.01	71.56 6.70 -9.44	72.40 6.73 -10.51	58.45 5.88 -5.49	47.33 5.37 -1.59	43.65 4.68 -4.84
SPIERFLS_115KV_TB 1 80737	39.97 1.35 0.00	31.44 1.15 0.00	31.46 1.18 0.00	30.51 1.12 0.00	31.76 1.19 0.00	35.44 1.36 0.00	45.97 1.98 0.00	48.98 2.06 0.00	45.67 1.63 0.00	39.58 1.19 0.00	38.21 1.15 0.00	37.66 1.34 0.00	36.70 1.24 0.00	37.02 1.32 0.00	35.87 1.25 0.15	38.63 1.38 0.01	43.80 1.73 0.00	48.88 1.93 0.00	55.08 2.32 0.00	57.96 2.55 0.00	57.64 2.48 0.00	49.33 2.26 0.00	42.10 1.74 0.00	35.47 1.33 0.00
ST LAWRENCE____ 23600	38.19 -0.42 0.00	30.02 -0.27 0.00	30.07 -0.21 0.00	29.19 -0.20 0.00	30.26 -0.31 0.00	33.81 -0.27 0.00	43.64 -0.35 0.00	46.45 -0.47 0.00	43.78 -0.26 0.00	38.16 -0.23 0.00	36.77 -0.30 0.00	36.02 -0.29 0.00	35.21 -0.25 0.00	35.37 -0.32 0.00	34.49 -0.28 0.00	36.96 -0.30 0.00	41.83 -0.25 0.00	46.63 -0.33 0.00	52.39 -0.37 0.00	55.25 -0.17 0.00	54.89 -0.27 0.00	46.79 -0.28 0.00	40.21 -0.16 0.00	33.86 -0.27 0.00

STATE_CA_115KV_115_LB 55624	39.19 0.58 0.00	30.93 0.64 0.00	30.95 0.67 0.00	30.01 0.62 0.00	31.21 0.64 0.00	34.73 0.65 0.00	44.83 0.84 0.00	47.91 0.99 0.00	44.75 0.70 0.00	38.85 0.46 0.00	37.58 0.52 0.00	36.78 0.47 0.00	35.88 0.43 0.00	36.23 0.54 0.00	35.34 0.70 0.13	37.96 0.71 0.01	42.92 0.84 0.00	47.89 0.94 0.00	53.76 1.00 0.00	56.47 1.05 0.00	56.04 0.88 0.00	47.92 0.85 0.00	41.18 0.81 0.00	34.75 0.61 0.00
STATE_ST_34_KV_LOAD 55959	38.58 -0.04 0.00	29.99 -0.30 0.00	29.92 -0.36 0.00	29.04 -0.35 0.00	30.29 -0.28 0.00	33.84 -0.24 0.00	43.64 -0.35 0.00	46.54 -0.38 0.00	43.60 -0.44 0.00	38.04 -0.35 0.00	36.73 -0.33 0.00	35.91 -0.40 0.00	35.03 -0.43 0.00	35.20 -0.50 0.00	34.21 -0.56 0.00	36.74 -0.52 0.00	41.41 -0.67 0.00	46.20 -0.75 0.00	52.13 -0.63 0.00	55.03 -0.39 0.00	54.56 -0.61 0.00	46.56 -0.52 0.00	39.88 -0.48 0.00	33.86 -0.27 0.00
STATION_5_MISC_HYD 23604	38.89 0.27 0.00	29.45 -0.85 0.00	29.22 -1.06 0.00	28.45 -0.94 0.00	29.71 -0.86 0.00	33.19 -0.89 0.00	42.37 -1.63 0.00	44.99 -1.93 0.00	42.11 -1.94 0.00	37.24 -1.15 0.00	35.84 -1.22 0.00	35.11 -1.20 0.00	34.25 -1.21 0.00	34.27 -1.43 0.00	33.24 -1.53 0.00	35.73 -1.53 0.00	39.93 -2.14 0.00	44.37 -2.58 0.00	50.23 -2.53 0.00	52.76 -2.66 0.00	52.63 -2.54 0.00	44.82 -2.26 0.00	38.79 -1.57 0.00	33.32 -0.82 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	38.81 0.19 0.00	29.66 -0.64 0.00	29.49 -0.79 0.00	28.69 -0.71 0.00	29.95 -0.61 0.00	33.47 -0.61 0.00	42.89 -1.10 0.00	45.70 -1.22 0.00	42.81 -1.23 0.00	37.58 -0.81 0.00	36.29 -0.78 0.00	35.44 -0.87 0.00	34.54 -0.92 0.00	34.63 -1.07 0.00	33.59 -1.18 0.00	36.11 -1.16 0.00	40.44 -1.64 0.00	45.03 -1.93 0.00	50.86 -1.90 0.00	53.92 -1.50 0.00	53.40 -1.77 0.00	45.47 -1.60 0.00	39.20 -1.17 0.00	33.52 -0.61 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.58 -0.04 0.00	29.32 -0.97 0.00	29.10 -1.18 0.00	28.34 -1.06 0.00	29.59 -0.98 0.00	33.06 -1.02 0.00	42.19 -1.80 0.00	44.90 -2.02 0.00	42.15 -1.89 0.00	37.08 -1.31 0.00	35.80 -1.26 0.00	35.00 -1.31 0.00	34.15 -1.31 0.00	34.16 -1.53 0.00	33.14 -1.63 0.00	35.62 -1.64 0.00	39.85 -2.23 0.00	44.28 -2.68 0.00	50.07 -2.69 0.00	53.14 -2.27 0.00	52.68 -2.48 0.00	44.67 -2.40 0.00	38.67 -1.70 0.00	33.18 -0.96 0.00
STA_56___34_KV_BUS2 355983	38.58 -0.04 0.00	29.32 -0.97 0.00	29.10 -1.18 0.00	28.34 -1.06 0.00	29.59 -0.98 0.00	33.06 -1.02 0.00	42.19 -1.80 0.00	44.90 -2.02 0.00	42.15 -1.89 0.00	37.08 -1.31 0.00	35.80 -1.26 0.00	35.00 -1.31 0.00	34.15 -1.31 0.00	34.16 -1.53 0.00	33.14 -1.63 0.00	35.62 -1.64 0.00	39.85 -2.23 0.00	44.28 -2.68 0.00	50.07 -2.69 0.00	53.14 -2.27 0.00	52.68 -2.48 0.00	44.67 -2.40 0.00	38.67 -1.70 0.00	33.18 -0.96 0.00
STA_67___115KV_BK2 355882	38.73 0.12 0.00	29.41 -0.88 0.00	29.19 -1.09 0.00	28.43 -0.97 0.00	29.65 -0.92 0.00	33.13 -0.95 0.00	42.28 -1.72 0.00	44.95 -1.97 0.00	42.19 -1.85 0.00	37.12 -1.27 0.00	35.84 -1.22 0.00	35.00 -1.31 0.00	34.18 -1.28 0.00	34.20 -1.50 0.00	33.17 -1.60 0.00	35.66 -1.60 0.00	39.85 -2.23 0.00	44.28 -2.68 0.00	50.07 -2.69 0.00	53.20 -2.22 0.00	52.68 -2.48 0.00	44.72 -2.35 0.00	38.71 -1.66 0.00	33.25 -0.89 0.00
STA_7___115KV_9TRANS 80674	39.04 0.42 0.00	29.57 -0.73 0.00	29.34 -0.94 0.00	28.57 -0.82 0.00	29.83 -0.73 0.00	33.33 -0.75 0.00	42.50 -1.50 0.00	45.23 -1.69 0.00	42.46 -1.59 0.00	37.39 -1.00 0.00	36.10 -0.96 0.00	35.26 -1.05 0.00	34.40 -1.06 0.00	34.45 -1.25 0.00	33.38 -1.39 0.00	35.92 -1.34 0.00	40.10 -1.98 0.00	44.56 -2.39 0.00	50.44 -2.32 0.00	53.64 -1.77 0.00	53.12 -2.04 0.00	45.05 -2.02 0.00	38.96 -1.41 0.00	33.49 -0.65 0.00
STA_82___115KV_TB1 80780	38.73 0.12 0.00	29.41 -0.88 0.00	29.19 -1.09 0.00	28.43 -0.97 0.00	29.65 -0.92 0.00	33.13 -0.95 0.00	42.28 -1.72 0.00	44.95 -1.97 0.00	42.19 -1.85 0.00	37.12 -1.27 0.00	35.84 -1.22 0.00	35.00 -1.31 0.00	34.18 -1.28 0.00	34.20 -1.50 0.00	33.17 -1.60 0.00	35.66 -1.60 0.00	39.85 -2.23 0.00	44.28 -2.68 0.00	50.12 -2.64 0.00	53.20 -2.22 0.00	52.68 -2.48 0.00	44.72 -2.35 0.00	38.71 -1.66 0.00	33.28 -0.85 0.00
STEEL___WIND 323596	39.19 0.58 0.00	29.14 -1.15 0.00	28.77 -1.51 0.00	28.13 -1.26 0.00	29.34 -1.22 0.00	32.72 -1.36 0.00	41.62 -2.38 0.00	44.11 -2.81 0.00	41.13 -2.91 0.00	36.55 -1.84 0.00	35.21 -1.85 0.00	34.35 -1.96 0.00	33.61 -1.85 0.00	33.41 -2.29 0.00	32.40 -2.37 0.00	34.80 -2.46 0.00	38.67 -3.41 0.00	42.87 -4.09 0.00	48.65 -4.12 0.00	51.15 -4.27 0.00	51.02 -4.14 0.00	43.54 -3.53 0.00	37.95 -2.42 0.00	32.94 -1.20 0.00
STEPHTWN_115KV_BK_2 55603	39.43 0.81 0.00	31.11 0.82 0.00	31.10 0.82 0.00	30.16 0.76 0.00	31.36 0.79 0.00	34.93 0.85 0.00	45.14 1.14 0.00	48.19 1.27 0.00	44.97 0.92 0.00	39.04 0.65 0.00	37.73 0.67 0.00	36.93 0.62 0.00	36.06 0.60 0.00	36.41 0.71 0.00	35.52 0.87 0.12	38.14 0.89 0.01	43.17 1.09 0.00	48.17 1.22 0.00	54.13 1.37 0.00	56.86 1.44 0.00	56.43 1.27 0.00	48.25 1.18 0.00	41.42 1.05 0.00	34.92 0.79 0.00
STEUBEN_REC_LFGE 323667	39.89 1.27 0.00	30.20 -0.09 0.00	29.92 -0.36 0.00	29.19 -0.21 0.00	30.50 -0.06 0.00	34.08 0.00 0.00	43.86 -0.13 0.00	46.59 -0.33 0.00	43.51 -0.53 0.00	38.23 -0.15 0.00	36.84 -0.22 0.00	35.84 -0.47 0.00	34.89 -0.57 0.00	34.77 -0.93 0.00	33.66 -1.11 0.00	36.18 -1.08 0.00	40.40 -1.68 0.00	45.07 -1.88 0.00	51.18 -1.58 0.00	54.86 -0.55 0.00	54.06 -1.10 0.00	45.99 -1.08 0.00	39.60 -0.77 0.00	33.97 -0.17 0.00
STILLWATER___SOLAR 323814	40.00 1.39 0.00	31.51 1.21 0.00	31.49 1.21 0.00	30.54 1.15 0.00	31.79 1.22 0.00	35.44 1.36 0.00	45.88 1.89 0.00	48.89 1.97 0.00	45.63 1.58 0.00	39.50 1.11 0.00	38.17 1.11 0.00	37.44 1.13 0.00	36.52 1.06 0.00	36.87 1.18 0.00	35.82 1.18 0.14	38.52 1.27 0.01	43.68 1.60 0.00	48.83 1.88 0.00	54.98 2.22 0.00	57.47 2.05 0.00	57.53 2.37 0.00	49.14 2.07 0.00	42.06 1.70 0.00	35.47 1.33 0.00
STONY___BROOK 24151	42.14 3.51 -0.01	33.30 3.00 -0.01	33.13 2.85 -0.01	32.07 2.67 0.00	33.33 2.75 -0.01	37.22 3.13 -0.01	47.64 3.65 0.00	50.68 3.76 0.00	48.54 4.49 0.00	42.46 4.07 -0.01	40.63 3.56 -0.01	39.84 3.52 -0.01	38.91 3.44 -0.01	39.27 3.57 -0.01	42.97 3.51 -4.69	46.89 3.58 -6.05	50.02 4.08 -3.86	53.30 4.41 -1.94	57.79 5.01 -0.01	70.10 5.21 -9.48	70.84 5.13 -10.55	56.97 4.38 -5.51	45.96 4.00 -1.60	42.54 3.55 -4.86
STURGEON_POOL_HYD 23609	40.20 1.58 0.00	31.69 1.39 0.00	31.67 1.39 0.00	30.72 1.32 0.00	31.88 1.31 0.00	35.55 1.47 0.00	46.02 2.02 0.00	49.27 2.35 0.00	46.95 2.91 0.00	40.88 2.50 0.00	39.55 2.48 0.00	38.74 2.43 0.00	37.91 2.45 0.00	38.27 2.57 0.00	38.91 2.61 -1.53	40.17 2.76 -0.15	45.15 3.07 0.00	50.29 3.33 0.00	56.30 3.54 0.00	59.63 4.21 0.00	58.75 3.59 0.00	50.13 3.06 0.00	42.79 2.42 0.00	36.15 2.01 0.00

ST_LAW_115_BK7_LBMP 345037	38.15 -0.46 0.00	29.99 -0.30 0.00	30.04 -0.24 0.00	29.16 -0.24 0.00	30.23 -0.34 0.00	33.77 -0.31 0.00	43.60 -0.40 0.00	46.40 -0.52 0.00	43.74 -0.31 0.00	38.12 -0.27 0.00	36.73 -0.33 0.00	35.98 -0.33 0.00	35.17 -0.28 0.00	35.34 -0.36 0.00	34.49 -0.28 0.00	36.93 -0.34 0.00	41.79 -0.29 0.00	46.63 -0.33 0.00	52.34 -0.42 0.00	55.19 -0.22 0.00	54.83 -0.33 0.00	46.75 -0.33 0.00	40.21 -0.16 0.00	33.86 -0.27 0.00
ST_LAW_115_BK8_LBMP 345038	38.15 -0.46 0.00	29.99 -0.30 0.00	30.04 -0.24 0.00	29.16 -0.24 0.00	30.23 -0.34 0.00	33.77 -0.31 0.00	43.60 -0.40 0.00	46.40 -0.52 0.00	43.74 -0.31 0.00	38.12 -0.27 0.00	36.73 -0.33 0.00	35.98 -0.33 0.00	35.17 -0.28 0.00	35.34 -0.36 0.00	34.49 -0.28 0.00	36.93 -0.34 0.00	41.79 -0.29 0.00	46.63 -0.33 0.00	52.34 -0.42 0.00	55.19 -0.22 0.00	54.83 -0.33 0.00	46.75 -0.33 0.00	40.21 -0.16 0.00	33.86 -0.27 0.00
ST_LAW_230_BK5_LBMP 345035	38.19 -0.42 0.00	30.02 -0.27 0.00	30.07 -0.21 0.00	29.19 -0.20 0.00	30.26 -0.31 0.00	33.81 -0.27 0.00	43.64 -0.35 0.00	46.45 -0.47 0.00	43.78 -0.26 0.00	38.16 -0.23 0.00	36.77 -0.30 0.00	36.02 -0.29 0.00	35.21 -0.25 0.00	35.37 -0.32 0.00	34.49 -0.28 0.00	36.96 -0.30 0.00	41.83 -0.25 0.00	46.63 -0.33 0.00	52.39 -0.37 0.00	55.25 -0.17 0.00	54.89 -0.27 0.00	46.79 -0.28 0.00	40.21 -0.16 0.00	33.86 -0.27 0.00
ST_LAW_230_BK6_LBMP 345036	38.19 -0.42 0.00	30.02 -0.27 0.00	30.07 -0.21 0.00	29.19 -0.20 0.00	30.26 -0.31 0.00	33.81 -0.27 0.00	43.64 -0.35 0.00	46.45 -0.47 0.00	43.78 -0.26 0.00	38.16 -0.23 0.00	36.77 -0.30 0.00	36.02 -0.29 0.00	35.21 -0.25 0.00	35.37 -0.32 0.00	34.49 -0.28 0.00	36.96 -0.30 0.00	41.83 -0.25 0.00	46.63 -0.33 0.00	52.39 -0.37 0.00	55.25 -0.17 0.00	54.89 -0.27 0.00	46.79 -0.28 0.00	40.21 -0.16 0.00	33.86 -0.27 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.20 1.58 0.00	31.69 1.39 0.00	31.64 1.36 0.00	30.69 1.29 0.00	31.88 1.31 0.00	35.55 1.47 0.00	46.02 2.02 0.00	49.27 2.35 0.00	46.51 2.47 0.00	40.58 2.19 0.00	39.25 2.19 0.00	38.49 2.18 0.00	37.62 2.16 0.00	37.94 2.25 0.00	38.75 2.23 -1.76	39.82 2.38 -0.17	44.77 2.69 0.00	49.82 2.86 0.00	55.82 3.06 0.00	59.02 3.60 0.00	58.20 3.03 0.00	49.71 2.64 0.00	42.47 2.10 0.00	35.84 1.71 0.00
SWANROAD_115KV_TB1 355699	37.92 -0.70 0.00	28.29 -2.00 0.00	27.92 -2.36 0.00	27.31 -2.09 0.00	28.49 -2.08 0.00	31.76 -2.32 0.00	40.21 -3.78 0.00	42.56 -4.36 0.00	39.90 -4.14 0.00	35.28 -3.11 0.00	34.10 -2.97 0.00	33.19 -3.12 0.00	32.48 -2.98 0.00	32.34 -3.36 0.00	31.36 -3.41 0.00	33.61 -3.65 0.00	37.37 -4.71 0.00	41.32 -5.63 0.00	46.96 -5.80 0.00	50.21 -5.21 0.00	49.54 -5.63 0.00	41.94 -5.13 0.00	36.69 -3.67 0.00	31.95 -2.18 0.00
SYNERGY___BIOGAS 323694	39.62 1.00 0.00	29.54 -0.76 0.00	29.16 -1.12 0.00	28.46 -0.94 0.00	29.77 -0.79 0.00	33.30 -0.78 0.00	42.23 -1.76 0.00	44.86 -2.06 0.00	42.06 -1.98 0.00	37.04 -1.34 0.00	35.69 -1.37 0.00	34.75 -1.56 0.00	33.90 -1.56 0.00	33.80 -1.89 0.00	32.75 -2.02 0.00	35.25 -2.01 0.00	39.26 -2.82 0.00	43.62 -3.33 0.00	49.60 -3.17 0.00	53.09 -2.33 0.00	52.51 -2.65 0.00	44.44 -2.64 0.00	38.67 -1.70 0.00	33.45 -0.68 0.00
SYRACUSE___ENERGY_ST1 323597	38.34 -0.27 0.00	29.90 -0.39 0.00	29.86 -0.42 0.00	28.99 -0.41 0.00	30.20 -0.37 0.00	33.71 -0.37 0.00	43.51 -0.48 0.00	46.40 -0.52 0.00	43.47 -0.57 0.00	38.00 -0.38 0.00	36.69 -0.37 0.00	35.91 -0.40 0.00	35.07 -0.39 0.00	35.23 -0.46 0.00	34.21 -0.56 0.00	36.74 -0.52 0.00	41.41 -0.67 0.00	46.20 -0.75 0.00	52.02 -0.74 0.00	54.86 -0.55 0.00	54.39 -0.77 0.00	46.41 -0.66 0.00	39.80 -0.57 0.00	33.76 -0.38 0.00
SYRACUSE___ENERGY_ST2 323598	38.34 -0.27 0.00	29.90 -0.39 0.00	29.86 -0.42 0.00	28.99 -0.41 0.00	30.20 -0.37 0.00	33.71 -0.37 0.00	43.51 -0.48 0.00	46.40 -0.52 0.00	43.47 -0.57 0.00	38.00 -0.38 0.00	36.69 -0.37 0.00	35.91 -0.40 0.00	35.07 -0.39 0.00	35.23 -0.46 0.00	34.21 -0.56 0.00	36.74 -0.52 0.00	41.41 -0.67 0.00	46.20 -0.75 0.00	52.02 -0.74 0.00	54.86 -0.55 0.00	54.39 -0.77 0.00	46.41 -0.66 0.00	39.80 -0.57 0.00	33.76 -0.38 0.00
SYRACUSE___POWER 24017	38.46 -0.15 0.00	29.96 -0.33 0.00	29.92 -0.36 0.00	29.04 -0.35 0.00	30.26 -0.31 0.00	33.77 -0.31 0.00	43.60 -0.40 0.00	46.50 -0.42 0.00	43.60 -0.44 0.00	38.08 -0.31 0.00	36.77 -0.30 0.00	35.98 -0.33 0.00	35.14 -0.32 0.00	35.30 -0.39 0.00	34.32 -0.45 0.00	36.81 -0.45 0.00	41.49 -0.59 0.00	46.30 -0.66 0.00	52.13 -0.63 0.00	55.03 -0.39 0.00	54.56 -0.61 0.00	46.51 -0.56 0.00	39.88 -0.48 0.00	33.83 -0.31 0.00
TALLMAN_138KV_BK151 55660	40.39 1.78 0.00	31.87 1.58 0.00	31.77 1.48 0.00	30.81 1.41 0.00	32.00 1.44 0.00	35.72 1.64 0.00	46.24 2.24 0.00	49.55 2.63 0.00	46.82 2.77 0.00	40.92 2.53 0.00	39.55 2.48 0.00	38.78 2.47 0.00	37.91 2.45 0.00	38.27 2.57 0.00	39.17 2.54 -1.86	40.13 2.68 -0.18	45.11 3.03 0.00	50.15 3.19 0.00	56.19 3.43 0.00	59.40 3.99 0.00	58.58 3.42 0.00	49.99 2.92 0.00	42.75 2.38 0.00	36.01 1.88 0.00
TEALLAVE_115KV_TB7 355573	38.31 -0.31 0.00	29.87 -0.42 0.00	29.80 -0.48 0.00	28.96 -0.44 0.00	30.17 -0.40 0.00	33.67 -0.41 0.00	43.42 -0.57 0.00	46.31 -0.61 0.00	43.43 -0.62 0.00	37.93 -0.46 0.00	36.66 -0.41 0.00	35.88 -0.44 0.00	35.03 -0.43 0.00	35.20 -0.50 0.00	34.21 -0.56 0.00	36.70 -0.56 0.00	41.36 -0.72 0.00	46.11 -0.85 0.00	51.92 -0.84 0.00	54.75 -0.66 0.00	54.28 -0.88 0.00	46.32 -0.75 0.00	39.72 -0.65 0.00	33.69 -0.44 0.00
TELGRAPH_34_KV_EAST 80808	38.85 0.23 0.00	28.96 -1.33 0.00	28.59 -1.70 0.00	27.93 -1.47 0.00	29.16 -1.41 0.00	32.58 -1.50 0.00	41.31 -2.68 0.00	43.82 -3.10 0.00	41.09 -2.95 0.00	36.28 -2.11 0.00	35.03 -2.04 0.00	33.92 -2.40 0.00	33.19 -2.27 0.00	33.05 -2.64 0.00	32.02 -2.75 0.00	34.54 -2.72 0.00	38.38 -3.70 0.00	42.59 -4.37 0.00	48.38 -4.38 0.00	51.76 -3.66 0.00	51.08 -4.08 0.00	43.26 -3.81 0.00	37.74 -2.62 0.00	32.77 -1.37 0.00
TEMPLE___115KV_TB 2 55572	38.34 -0.27 0.00	29.90 -0.39 0.00	29.83 -0.45 0.00	28.99 -0.41 0.00	30.20 -0.37 0.00	33.67 -0.41 0.00	43.46 -0.53 0.00	46.36 -0.56 0.00	43.47 -0.57 0.00	38.00 -0.38 0.00	36.69 -0.37 0.00	35.91 -0.40 0.00	35.07 -0.39 0.00	35.23 -0.46 0.00	34.25 -0.52 0.00	36.74 -0.52 0.00	41.41 -0.67 0.00	46.15 -0.80 0.00	51.97 -0.79 0.00	54.80 -0.61 0.00	54.33 -0.83 0.00	46.32 -0.75 0.00	39.76 -0.61 0.00	33.73 -0.41 0.00
TIANA____69_KV_BK 1 55817	42.21 3.59 -0.01	33.42 3.12 -0.01	33.22 2.94 0.00	32.22 2.82 0.00	33.50 2.93 0.00	37.45 3.37 0.00	48.04 4.05 0.00	51.00 4.08 0.00	48.67 4.62 0.00	42.77 4.38 -0.01	40.89 3.82 -0.01	40.10 3.78 -0.01	39.12 3.65 -0.01	39.56 3.86 -0.01	43.20 3.76 -4.68	47.17 3.88 -6.03	50.38 4.46 -3.84	53.76 4.88 -1.93	58.26 5.49 -0.01	71.17 6.32 -9.44	71.46 5.79 -10.51	57.65 5.08 -5.49	46.52 4.56 -1.59	42.94 3.96 -4.84

TILDEN___115KV_TB1 80814	38.46 -0.15 0.00	29.96 -0.33 0.00	29.92 -0.36 0.00	29.04 -0.35 0.00	30.26 -0.31 0.00	33.77 -0.31 0.00	43.60 -0.40 0.00	46.50 -0.42 0.00	43.60 -0.44 0.00	38.08 -0.31 0.00	36.77 -0.30 0.00	35.98 -0.33 0.00	35.14 -0.32 0.00	35.30 -0.39 0.00	34.32 -0.45 0.00	36.81 -0.45 0.00	41.49 -0.59 0.00	46.30 -0.66 0.00	52.13 -0.63 0.00	55.03 -0.39 0.00	54.56 -0.61 0.00	46.51 -0.56 0.00	39.88 -0.48 0.00	33.83 -0.31 0.00
TRIGEN___CC 323695	41.37 2.74 -0.02	32.64 2.33 -0.02	32.58 2.30 0.00	31.57 2.18 0.00	32.80 2.23 0.00	36.60 2.52 0.00	47.16 3.17 0.00	50.35 3.43 0.00	47.83 3.79 0.00	41.86 3.45 -0.02	40.16 3.08 -0.02	39.38 3.05 -0.02	38.53 3.05 -0.02	38.78 3.07 -0.02	44.65 3.03 -6.85	51.11 3.09 -10.76	52.49 3.45 -6.96	54.06 3.62 -3.49	56.79 4.01 -0.02	77.06 4.54 -17.10	78.16 3.97 -19.03	60.46 3.44 -9.95	46.23 2.99 -2.88	45.42 2.53 -8.76
TRINITY___115KV__4 BK 55933	39.08 0.46 0.00	30.87 0.58 0.00	30.86 0.58 0.00	29.93 0.53 0.00	31.12 0.55 0.00	34.66 0.58 0.00	44.74 0.75 0.00	47.76 0.84 0.00	44.70 0.66 0.00	38.81 0.42 0.00	37.51 0.44 0.00	36.64 0.33 0.00	35.74 0.28 0.00	36.09 0.39 0.00	35.24 0.59 0.12	37.81 0.56 0.01	42.79 0.72 0.00	47.75 0.80 0.00	53.66 0.90 0.00	56.30 0.89 0.00	55.93 0.77 0.00	47.78 0.71 0.00	41.05 0.69 0.00	34.65 0.51 0.00
UNION___PROCESSING_DRP 323587	38.73 0.12 0.00	29.41 -0.88 0.00	29.19 -1.09 0.00	28.43 -0.97 0.00	29.65 -0.92 0.00	33.16 -0.92 0.00	42.28 -1.72 0.00	44.95 -1.97 0.00	42.19 -1.85 0.00	37.12 -1.27 0.00	35.84 -1.22 0.00	35.00 -1.31 0.00	34.18 -1.28 0.00	34.20 -1.50 0.00	33.17 -1.60 0.00	35.66 -1.60 0.00	39.85 -2.23 0.00	44.28 -2.68 0.00	50.12 -2.64 0.00	53.25 -2.16 0.00	52.73 -2.43 0.00	44.72 -2.35 0.00	38.71 -1.66 0.00	33.28 -0.85 0.00
UPPER HUDSON___HYD 24058	39.97 1.35 0.00	31.44 1.15 0.00	31.46 1.18 0.00	30.51 1.12 0.00	31.76 1.19 0.00	35.44 1.36 0.00	45.97 1.98 0.00	48.98 2.06 0.00	45.72 1.67 0.00	39.58 1.19 0.00	38.21 1.15 0.00	37.66 1.34 0.00	36.70 1.24 0.00	37.02 1.32 0.00	35.87 1.25 0.15	38.63 1.38 0.01	43.80 1.73 0.00	48.88 1.93 0.00	55.08 2.32 0.00	57.63 2.22 0.00	57.70 2.54 0.00	49.33 2.26 0.00	42.10 1.73 0.00	35.47 1.33 0.00
UPPER RAQUET___HYD 24056	37.34 -1.27 0.00	29.35 -0.94 0.00	29.49 -0.79 0.00	28.60 -0.79 0.00	29.65 -0.92 0.00	33.19 -0.89 0.00	42.85 -1.14 0.00	45.47 -1.45 0.00	42.90 -1.15 0.00	37.31 -1.07 0.00	35.91 -1.15 0.00	35.15 -1.16 0.00	34.32 -1.14 0.00	34.48 -1.21 0.00	33.69 -1.08 0.00	36.11 -1.16 0.00	40.94 -1.13 0.00	45.64 -1.31 0.00	51.34 -1.42 0.00	54.42 -1.00 0.00	54.11 -1.05 0.00	46.08 -0.99 0.00	39.84 -0.53 0.00	33.35 -0.78 0.00
VALLEY44_115KV_TB2 355964	39.08 0.46 0.00	29.26 -1.03 0.00	28.83 -1.45 0.00	28.19 -1.21 0.00	29.43 -1.13 0.00	32.78 -1.30 0.00	41.97 -2.02 0.00	44.53 -2.39 0.00	41.62 -2.42 0.00	36.89 -1.50 0.00	35.66 -1.41 0.00	34.64 -1.67 0.00	33.83 -1.63 0.00	33.63 -2.07 0.00	32.65 -2.12 0.00	35.10 -2.16 0.00	38.97 -3.11 0.00	43.38 -3.57 0.00	49.12 -3.64 0.00	52.70 -2.72 0.00	51.74 -3.42 0.00	44.01 -3.06 0.00	38.19 -2.18 0.00	33.01 -1.13 0.00
VALLEY___115KV_TB 1-4 80826	38.31 -0.31 0.00	30.11 -0.18 0.00	30.13 -0.15 0.00	29.25 -0.15 0.00	30.44 -0.12 0.00	33.98 -0.10 0.00	43.86 -0.13 0.00	46.83 -0.09 0.00	43.95 -0.09 0.00	38.23 -0.15 0.00	36.95 -0.11 0.00	36.20 -0.11 0.00	35.32 -0.14 0.00	35.55 -0.14 0.00	34.63 -0.14 0.00	37.11 -0.15 0.00	41.91 -0.17 0.00	46.76 -0.19 0.00	52.55 -0.21 0.00	55.25 -0.17 0.00	54.94 -0.22 0.00	46.89 -0.19 0.00	40.17 -0.20 0.00	33.93 -0.20 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.47 1.85 0.00	31.69 1.39 0.00	31.73 1.45 0.00	30.78 1.38 0.00	32.12 1.56 0.00	35.85 1.77 0.00	46.28 2.29 0.00	49.50 2.58 0.00	46.55 2.51 0.00	40.50 2.11 0.00	39.21 2.15 0.00	38.31 2.00 0.00	37.30 1.84 0.00	37.48 1.78 0.00	36.61 1.74 -0.10	39.13 1.86 -0.01	44.18 2.10 0.00	49.35 2.39 0.00	55.45 2.69 0.00	58.74 3.32 0.00	58.20 3.03 0.00	49.76 2.68 0.00	42.59 2.22 0.00	35.95 1.81 0.00
VISCHER___FERRY HYD 24020	39.62 1.00 0.00	31.26 0.97 0.00	31.25 0.97 0.00	30.31 0.91 0.00	31.51 0.95 0.00	35.10 1.02 0.00	45.40 1.41 0.00	48.42 1.50 0.00	45.23 1.19 0.00	39.12 0.73 0.00	37.84 0.78 0.00	37.08 0.76 0.00	36.17 0.71 0.00	36.52 0.82 0.00	35.53 0.87 0.11	38.14 0.89 0.01	43.30 1.22 0.00	48.41 1.46 0.00	54.45 1.69 0.00	56.80 1.39 0.00	56.93 1.76 0.00	48.58 1.51 0.00	41.62 1.25 0.00	35.13 0.99 0.00
V_A_10_SYNC_DSASP 323832	38.38 -0.23 0.00	28.90 -1.39 0.00	28.59 -1.70 0.00	27.90 -1.50 0.00	29.10 -1.47 0.00	32.48 -1.60 0.00	41.26 -2.73 0.00	43.68 -3.24 0.00	40.74 -3.30 0.00	36.20 -2.19 0.00	34.88 -2.19 0.00	34.10 -2.22 0.00	33.37 -2.09 0.00	33.30 -2.39 0.00	32.30 -2.47 0.00	34.65 -2.61 0.00	38.59 -3.49 0.00	42.77 -4.18 0.00	48.49 -4.27 0.00	50.93 -4.49 0.00	50.75 -4.41 0.00	43.26 -3.81 0.00	37.66 -2.70 0.00	32.64 -1.50 0.00
V_CMM_10_SYNC_DSASP 323787	38.69 0.08 0.00	30.38 0.09 0.00	30.46 0.18 0.00	29.57 0.18 0.00	30.63 0.06 0.00	34.18 0.10 0.00	44.12 0.13 0.00	46.92 0.00 0.00	44.26 0.22 0.00	38.66 0.27 0.00	37.21 0.15 0.00	36.46 0.15 0.00	35.67 0.21 0.00	35.80 0.11 0.00	34.94 0.17 0.00	37.45 0.19 0.00	42.38 0.30 0.00	47.24 0.28 0.00	53.03 0.27 0.00	55.97 0.55 0.00	55.60 0.44 0.00	47.41 0.33 0.00	40.81 0.44 0.00	34.31 0.17 0.00
V_CMP_10_SYNC_DSASP 323788	39.35 0.73 0.00	30.90 0.61 0.00	31.01 0.73 0.00	30.10 0.70 0.00	31.18 0.61 0.00	34.86 0.78 0.00	45.05 1.05 0.00	47.95 1.03 0.00	45.19 1.14 0.00	39.46 1.07 0.00	37.95 0.89 0.00	37.15 0.84 0.00	36.35 0.89 0.00	36.48 0.78 0.00	35.60 0.83 0.00	38.15 0.89 0.00	43.17 1.09 0.00	48.17 1.22 0.00	54.08 1.32 0.00	57.19 1.77 0.00	56.82 1.65 0.00	48.30 1.22 0.00	41.54 1.17 0.00	34.85 0.72 0.00
V_D_10_SYNC_DSASP 323841	38.42 -0.19 0.00	30.17 -0.12 0.00	30.25 -0.03 0.00	29.37 -0.03 0.00	30.41 -0.15 0.00	33.98 -0.10 0.00	43.86 -0.13 0.00	46.59 -0.33 0.00	43.95 -0.09 0.00	38.35 -0.04 0.00	36.92 -0.15 0.00	36.17 -0.14 0.00	35.35 -0.11 0.00	35.52 -0.18 0.00	34.67 -0.10 0.00	37.15 -0.11 0.00	42.04 -0.04 0.00	46.81 -0.14 0.00	52.60 -0.16 0.00	55.53 0.11 0.00	55.22 0.06 0.00	47.03 -0.05 0.00	40.65 0.28 0.00	34.17 0.03 0.00
V_E_10_SYNC_DSASP 323830	42.40 3.79 0.00	32.99 2.70 0.00	33.01 2.73 0.00	32.04 2.65 0.00	33.65 3.09 0.00	37.86 3.78 0.00	49.05 5.06 0.00	52.27 5.35 0.00	48.80 4.76 0.00	42.04 3.65 0.00	40.59 3.52 0.00	39.40 3.08 0.00	38.19 2.73 0.00	38.19 2.50 0.00	37.18 2.33 -0.08	39.84 2.57 -0.01	45.19 3.11 0.00	51.09 4.13 0.00	58.04 5.28 0.00	61.78 6.37 0.00	61.50 6.34 0.00	52.53 5.46 0.00	44.85 4.48 0.00	37.62 3.48 0.00

V_F_30_NSYNC___DSASP 323816	40.04 1.43 0.00	31.54 1.24 0.00	31.55 1.27 0.00	30.57 1.18 0.00	31.82 1.25 0.00	35.48 1.40 0.00	45.93 1.93 0.00	48.94 2.02 0.00	45.67 1.63 0.00	39.58 1.19 0.00	38.25 1.19 0.00	37.55 1.24 0.00	36.63 1.17 0.00	36.94 1.25 0.00	35.92 1.29 0.14	38.63 1.38 0.01	43.76 1.68 0.00	48.92 1.97 0.00	55.03 2.27 0.00	57.57 2.16 0.00	57.59 2.42 0.00	49.19 2.12 0.00	42.10 1.73 0.00	35.54 1.40 0.00
V_F_30_SYNC_DSASP 323786	39.19 0.58 0.00	30.93 0.64 0.00	30.95 0.67 0.00	30.01 0.62 0.00	31.21 0.64 0.00	34.73 0.65 0.00	44.83 0.84 0.00	47.91 0.99 0.00	44.75 0.70 0.00	38.85 0.46 0.00	37.58 0.52 0.00	36.78 0.47 0.00	35.88 0.43 0.00	36.23 0.54 0.00	35.34 0.70 0.13	37.96 0.71 0.01	42.92 0.84 0.00	47.89 0.94 0.00	53.76 1.00 0.00	56.47 1.05 0.00	56.04 0.88 0.00	47.92 0.85 0.00	41.18 0.81 0.00	34.75 0.61 0.00
V_XM_10_SYNC_DSASP 323789	39.35 0.73 0.00	30.90 0.61 0.00	31.01 0.73 0.00	30.10 0.70 0.00	31.18 0.61 0.00	34.86 0.78 0.00	45.05 1.05 0.00	47.95 1.03 0.00	45.19 1.14 0.00	39.46 1.07 0.00	37.95 0.89 0.00	37.15 0.84 0.00	36.35 0.89 0.00	36.48 0.78 0.00	35.60 0.83 0.00	38.15 0.89 0.00	43.17 1.09 0.00	48.17 1.22 0.00	54.08 1.32 0.00	57.19 1.77 0.00	56.82 1.65 0.00	48.30 1.22 0.00	41.54 1.17 0.00	34.85 0.72 0.00
W.BABYLN_69_KV_BK1 56697	42.14 3.51 -0.01	33.27 2.97 -0.01	33.10 2.82 0.00	32.04 2.65 0.00	33.32 2.75 0.00	37.22 3.14 0.00	47.78 3.78 0.00	50.81 3.89 0.00	48.40 4.36 0.00	42.51 4.11 -0.01	40.67 3.60 -0.01	39.88 3.56 -0.01	38.98 3.51 -0.01	39.35 3.64 -0.01	43.31 3.58 -4.96	47.55 3.65 -6.63	50.36 4.04 -4.24	53.40 4.32 -2.13	57.68 4.91 -0.01	71.32 5.49 -10.42	71.73 4.96 -11.60	57.47 4.33 -6.07	46.04 3.92 -1.76	42.89 3.41 -5.34
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.47 1.85 0.00	31.93 1.64 0.00	31.86 1.57 0.00	30.87 1.47 0.00	32.06 1.50 0.00	35.78 1.70 0.00	46.32 2.33 0.00	49.69 2.77 0.00	46.91 2.86 0.00	40.96 2.57 0.00	39.58 2.52 0.00	38.85 2.54 0.00	37.98 2.52 0.00	38.30 2.61 0.00	39.26 2.61 -1.88	40.21 2.76 -0.19	45.19 3.11 0.00	50.29 3.33 0.00	56.30 3.54 0.00	59.52 4.10 0.00	58.69 3.53 0.00	50.09 3.01 0.00	42.83 2.46 0.00	36.12 1.98 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.74 2.12 0.00	32.17 1.88 0.00	32.13 1.85 0.00	31.13 1.73 0.00	32.31 1.74 0.00	36.09 2.01 0.00	46.72 2.73 0.00	50.20 3.28 0.00	47.48 3.44 0.00	41.50 3.11 0.00	40.10 3.04 0.00	39.40 3.09 0.00	38.51 3.05 0.00	38.91 3.21 0.00	39.93 3.16 -2.00	40.78 3.32 -0.20	45.82 3.75 0.00	50.85 3.90 0.00	56.88 4.12 0.00	60.07 4.65 0.00	59.19 4.03 0.00	50.46 3.39 0.00	43.11 2.75 0.00	36.36 2.22 0.00
W50THST__13_KV_LOAD 356117	40.89 2.28 0.00	32.29 2.00 0.00	32.25 1.97 0.00	31.28 1.88 0.00	32.43 1.86 0.00	36.26 2.18 0.00	46.98 2.99 0.00	50.49 3.57 0.00	47.79 3.74 0.00	41.77 3.38 0.00	40.40 3.34 0.00	39.69 3.38 0.00	38.79 3.33 0.00	39.19 3.50 0.00	40.21 3.44 -2.00	41.07 3.61 -0.20	46.12 4.04 0.00	51.18 4.23 0.00	57.25 4.48 0.00	60.40 4.99 0.00	59.52 4.36 0.00	50.75 3.67 0.00	43.31 2.95 0.00	36.53 2.39 0.00
WADING RIVER_IC_1 23522	42.10 3.48 -0.01	33.33 3.03 -0.01	33.17 2.88 -0.01	32.10 2.70 0.00	33.38 2.81 -0.01	37.29 3.20 -0.01	47.78 3.78 0.00	50.77 3.85 0.00	48.62 4.58 0.00	42.54 4.15 -0.01	40.67 3.59 -0.01	39.88 3.56 -0.01	38.95 3.48 -0.01	39.31 3.60 -0.01	43.03 3.58 -4.68	46.94 3.65 -6.03	50.13 4.21 -3.84	53.43 4.55 -1.93	58.00 5.22 -0.01	70.34 5.49 -9.44	71.13 5.46 -10.50	57.23 4.66 -5.49	46.23 4.28 -1.59	42.73 3.76 -4.84
WADING RIVER_IC_2 23547	42.10 3.48 -0.01	33.33 3.03 -0.01	33.17 2.88 -0.01	32.10 2.70 0.00	33.38 2.81 -0.01	37.29 3.20 -0.01	47.78 3.78 0.00	50.77 3.85 0.00	48.62 4.58 0.00	42.54 4.15 -0.01	40.67 3.59 -0.01	39.88 3.56 -0.01	38.95 3.48 -0.01	39.31 3.60 -0.01	43.03 3.58 -4.68	46.94 3.65 -6.03	50.13 4.21 -3.84	53.43 4.55 -1.93	58.00 5.22 -0.01	70.34 5.49 -9.44	71.13 5.46 -10.50	57.23 4.66 -5.49	46.23 4.28 -1.59	42.73 3.76 -4.84
WADING RIVER_IC_3 23601	42.10 3.48 -0.01	33.33 3.03 -0.01	33.17 2.88 -0.01	32.10 2.70 0.00	33.38 2.81 -0.01	37.29 3.20 -0.01	47.78 3.78 0.00	50.77 3.85 0.00	48.62 4.58 0.00	42.54 4.15 -0.01	40.67 3.59 -0.01	39.88 3.56 -0.01	38.95 3.48 -0.01	39.31 3.60 -0.01	43.03 3.58 -4.68	46.94 3.65 -6.03	50.13 4.21 -3.84	53.43 4.55 -1.93	58.00 5.22 -0.01	70.34 5.49 -9.44	71.13 5.46 -10.50	57.23 4.66 -5.49	46.23 4.28 -1.59	42.73 3.76 -4.84
WALDENNY_12_KV_BK2 80841	39.16 0.54 0.00	29.14 -1.15 0.00	28.74 -1.54 0.00	28.10 -1.29 0.00	29.31 -1.25 0.00	32.72 -1.36 0.00	41.57 -2.42 0.00	44.10 -2.82 0.00	41.36 -2.69 0.00	36.55 -1.84 0.00	35.32 -1.74 0.00	34.35 -1.96 0.00	33.62 -1.84 0.00	33.45 -2.25 0.00	32.44 -2.33 0.00	34.80 -2.46 0.00	38.67 -3.41 0.00	42.87 -4.08 0.00	48.59 -4.17 0.00	52.03 -3.38 0.00	51.30 -3.86 0.00	43.50 -3.58 0.00	37.95 -2.42 0.00	32.91 -1.23 0.00
WALDEN__HYDRO 24148	40.28 1.66 0.00	31.78 1.48 0.00	31.70 1.42 0.00	30.75 1.35 0.00	31.94 1.38 0.00	35.65 1.57 0.00	46.15 2.16 0.00	49.41 2.49 0.00	46.64 2.60 0.00	40.65 2.26 0.00	39.29 2.22 0.00	38.53 2.22 0.00	37.66 2.20 0.00	38.02 2.32 0.00	38.89 2.29 -1.82	39.86 2.42 -0.18	44.86 2.78 0.00	49.96 3.00 0.00	55.98 3.22 0.00	59.24 3.82 0.00	58.42 3.25 0.00	49.85 2.78 0.00	42.63 2.26 0.00	35.98 1.84 0.00
WARRENSBURG____ 23737	39.97 1.35 0.00	31.44 1.15 0.00	31.46 1.18 0.00	30.51 1.12 0.00	31.76 1.19 0.00	35.44 1.36 0.00	45.97 1.98 0.00	48.98 2.06 0.00	45.67 1.63 0.00	39.58 1.19 0.00	38.21 1.15 0.00	37.66 1.34 0.00	36.70 1.24 0.00	37.02 1.32 0.00	35.87 1.25 0.15	38.63 1.38 0.01	43.80 1.73 0.00	48.88 1.93 0.00	55.08 2.32 0.00	57.96 2.55 0.00	57.64 2.48 0.00	49.33 2.26 0.00	42.10 1.74 0.00	35.47 1.33 0.00
WATERSIDE____6 8 9 23538	40.73 2.16 0.05	29.96 1.94 2.27	34.48 1.88 -2.32	31.19 1.79 0.00	34.52 1.74 -2.21	37.80 1.94 -1.78	47.37 2.64 -0.74	50.84 3.19 -0.73	47.48 3.44 0.00	41.50 3.11 0.00	40.14 3.08 0.00	39.43 3.12 0.00	38.58 3.12 0.00	38.94 3.25 0.00	40.00 3.23 -2.00	40.85 3.39 -0.20	45.87 3.79 0.00	50.90 3.94 0.00	56.88 4.12 0.00	60.07 4.65 0.00	59.19 4.03 0.00	51.38 3.34 -0.96	44.30 2.70 -1.22	38.31 2.18 -1.99
WATKINRD_115KV_LN8_ILLION 55919	38.42 -0.19 0.00	30.17 -0.12 0.00	30.19 -0.09 0.00	29.31 -0.09 0.00	30.50 -0.06 0.00	34.05 -0.03 0.00	43.95 -0.04 0.00	46.92 0.00 0.00	44.00 -0.04 0.00	38.31 -0.08 0.00	36.99 -0.07 0.00	36.24 -0.07 0.00	35.35 -0.11 0.00	35.59 -0.11 0.00	34.70 -0.07 0.00	37.15 -0.11 0.00	41.99 -0.08 0.00	46.86 -0.09 0.00	52.66 -0.11 0.00	55.41 0.00 0.00	55.11 -0.06 0.00	47.03 -0.05 0.00	40.25 -0.12 0.00	34.03 -0.10 0.00

WDELAWARE___HYD 323627	40.54 1.93 0.00	31.93 1.63 0.00	31.92 1.63 0.00	30.95 1.56 0.00	32.18 1.62 0.00	35.92 1.84 0.00	46.45 2.46 0.00	49.69 2.77 0.00	46.90 2.86 0.00	40.65 2.26 0.00	39.32 2.26 0.00	38.45 2.14 0.00	37.62 2.16 0.00	37.98 2.29 0.00	38.51 2.23 -1.51	39.80 2.39 -0.15	44.86 2.78 0.00	50.10 3.15 0.00	56.14 3.38 0.00	59.18 3.77 0.00	58.75 3.58 0.00	50.18 3.11 0.00	42.83 2.46 0.00	36.22 2.08 0.00
WEST BABYLON___IC 23714	42.14 3.51 -0.01	33.27 2.97 -0.01	33.10 2.82 0.00	32.04 2.65 0.00	33.32 2.75 0.00	37.22 3.14 0.00	47.78 3.78 0.00	50.81 3.89 0.00	48.40 4.36 0.00	42.51 4.11 -0.01	40.67 3.60 -0.01	39.88 3.56 -0.01	38.98 3.51 -0.01	39.35 3.64 -0.01	43.31 3.58 -4.96	47.55 3.65 -6.63	50.36 4.04 -4.24	53.40 4.32 -2.13	57.68 4.91 -0.01	71.32 5.49 -10.42	71.73 4.96 -11.60	57.47 4.33 -6.07	46.04 3.92 -1.76	42.89 3.41 -5.34
WEST CANADA___HYD 24049	38.65 0.04 0.00	30.32 0.03 0.00	30.34 0.06 0.00	29.43 0.03 0.00	30.63 0.06 0.00	34.15 0.07 0.00	44.08 0.09 0.00	47.01 0.09 0.00	44.13 0.09 0.00	38.43 0.04 0.00	37.10 0.04 0.00	36.35 0.04 0.00	35.49 0.04 0.00	35.73 0.04 0.00	34.80 0.03 0.00	37.30 0.04 0.00	42.16 0.08 0.00	47.05 0.09 0.00	52.87 0.11 0.00	55.47 0.06 0.00	55.27 0.11 0.00	47.17 0.09 0.00	40.45 0.08 0.00	34.17 0.03 0.00
WESTERN_NY_WIND 24143	39.58 0.97 0.00	29.48 -0.82 0.00	29.13 -1.15 0.00	28.43 -0.97 0.00	29.71 -0.86 0.00	33.26 -0.82 0.00	42.14 -1.85 0.00	44.81 -2.11 0.00	42.02 -2.03 0.00	37.01 -1.38 0.00	35.66 -1.41 0.00	34.68 -1.63 0.00	33.86 -1.60 0.00	33.77 -1.93 0.00	32.72 -2.05 0.00	35.17 -2.09 0.00	39.18 -2.90 0.00	43.53 -3.43 0.00	49.54 -3.22 0.00	52.98 -2.44 0.00	52.40 -2.76 0.00	44.34 -2.73 0.00	38.59 -1.78 0.00	33.42 -0.72 0.00
WESTOVER___LESR 323668	39.16 0.54 0.00	30.38 0.09 0.00	30.28 0.00 0.00	29.43 0.03 0.00	30.66 0.09 0.00	34.18 0.10 0.00	44.08 0.09 0.00	47.01 0.09 0.00	44.04 0.00 0.00	38.58 0.19 0.00	37.25 0.19 0.00	36.42 0.11 0.00	35.57 0.11 0.00	35.66 -0.04 0.00	34.75 -0.10 -0.08	37.23 -0.04 -0.01	41.87 -0.21 0.00	46.67 -0.28 0.00	52.60 -0.16 0.00	55.69 0.28 0.00	55.05 -0.11 0.00	46.98 -0.09 0.00	40.33 -0.04 0.00	34.31 0.17 0.00
WETHRSFD_WT_PWR 323626	39.04 0.43 0.00	29.35 -0.94 0.00	29.04 -1.24 0.00	28.34 -1.06 0.00	29.59 -0.98 0.00	32.99 -1.09 0.00	42.15 -1.85 0.00	44.67 -2.25 0.00	41.66 -2.38 0.00	36.93 -1.46 0.00	35.54 -1.52 0.00	34.64 -1.67 0.00	33.83 -1.63 0.00	33.66 -2.03 0.00	32.65 -2.12 0.00	35.03 -2.23 0.00	39.05 -3.03 0.00	43.38 -3.57 0.00	49.23 -3.53 0.00	51.93 -3.49 0.00	51.80 -3.37 0.00	44.20 -2.87 0.00	38.35 -2.02 0.00	33.11 -1.02 0.00
WHAVSTOR_138KV_BK127 55557	40.35 1.74 0.00	31.87 1.58 0.00	31.77 1.48 0.00	30.81 1.41 0.00	32.00 1.44 0.00	35.68 1.60 0.00	46.24 2.24 0.00	49.55 2.63 0.00	46.82 2.77 0.00	40.88 2.50 0.00	39.55 2.48 0.00	38.78 2.47 0.00	37.91 2.45 0.00	38.27 2.57 0.00	39.20 2.54 -1.89	40.13 2.68 -0.19	45.11 3.03 0.00	50.15 3.19 0.00	56.14 3.38 0.00	59.35 3.93 0.00	58.53 3.36 0.00	49.95 2.87 0.00	42.71 2.34 0.00	36.01 1.88 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.35 1.74 0.00	31.87 1.58 0.00	31.77 1.48 0.00	30.81 1.41 0.00	32.00 1.44 0.00	35.68 1.60 0.00	46.24 2.24 0.00	49.55 2.63 0.00	46.82 2.77 0.00	40.88 2.50 0.00	39.55 2.48 0.00	38.78 2.47 0.00	37.91 2.45 0.00	38.27 2.57 0.00	39.20 2.54 -1.89	40.13 2.68 -0.19	45.11 3.03 0.00	50.15 3.19 0.00	56.14 3.38 0.00	59.35 3.93 0.00	58.53 3.36 0.00	49.95 2.87 0.00	42.71 2.34 0.00	36.01 1.88 0.00
WHITEHAL_115KV_TB1 80871	40.43 1.81 0.00	31.78 1.48 0.00	31.80 1.51 0.00	30.81 1.41 0.00	32.12 1.56 0.00	35.89 1.81 0.00	46.59 2.60 0.00	49.59 2.67 0.00	46.16 2.11 0.00	39.88 1.50 0.00	38.51 1.45 0.00	37.98 1.67 0.00	37.02 1.56 0.00	37.30 1.61 0.00	36.12 1.50 0.15	38.92 1.68 0.01	44.18 2.10 0.00	49.39 2.44 0.00	55.77 3.01 0.00	58.79 3.38 0.00	58.47 3.31 0.00	50.04 2.97 0.00	42.67 2.30 0.00	35.91 1.78 0.00
WHITEPLN_13_KV_LOAD 356215	40.82 2.20 0.00	32.17 1.88 0.00	32.13 1.85 0.00	31.13 1.73 0.00	32.31 1.74 0.00	36.09 2.01 0.00	46.72 2.73 0.00	50.16 3.24 0.00	47.48 3.44 0.00	41.42 3.03 0.00	40.07 3.00 0.00	39.33 3.01 0.00	38.47 3.01 0.00	38.84 3.14 0.00	39.85 3.09 -1.99	40.74 3.28 -0.20	45.78 3.70 0.00	50.80 3.85 0.00	56.98 4.22 0.00	60.12 4.71 0.00	59.35 4.19 0.00	50.56 3.48 0.00	43.27 2.91 0.00	36.42 2.29 0.00
WM_FLOYD_69_KV_BK2 356380	42.10 3.48 -0.01	33.30 3.00 -0.01	33.10 2.82 0.00	32.07 2.68 0.00	33.35 2.78 0.00	37.22 3.14 0.00	47.69 3.70 0.00	50.63 3.71 0.00	48.31 4.27 0.00	42.43 4.03 -0.01	40.56 3.48 -0.01	39.81 3.49 -0.01	38.84 3.37 -0.01	39.24 3.53 -0.01	42.93 3.48 -4.68	46.88 3.58 -6.04	49.97 4.04 -3.85	53.30 4.41 -1.93	57.78 5.01 -0.01	70.64 5.76 -9.46	70.93 5.24 -10.52	57.19 4.61 -5.50	46.08 4.12 -1.59	42.64 3.65 -4.85
WOODARD___115KV_TB2 355635	38.19 -0.42 0.00	29.81 -0.48 0.00	29.77 -0.51 0.00	28.90 -0.50 0.00	30.11 -0.46 0.00	33.60 -0.48 0.00	43.33 -0.66 0.00	46.22 -0.70 0.00	43.34 -0.70 0.00	37.85 -0.54 0.00	36.54 -0.52 0.00	35.80 -0.51 0.00	34.93 -0.53 0.00	35.12 -0.57 0.00	34.14 -0.63 0.00	36.63 -0.63 0.00	41.28 -0.80 0.00	46.01 -0.94 0.00	51.81 -0.95 0.00	54.64 -0.78 0.00	54.17 -0.99 0.00	46.23 -0.85 0.00	39.64 -0.73 0.00	33.62 -0.51 0.00
WOODMERE_69_KV_BK1 55827	41.76 3.13 -0.01	32.94 2.64 -0.01	32.82 2.54 0.00	31.81 2.41 0.00	33.04 2.48 0.00	36.87 2.79 0.00	47.51 3.52 0.00	50.72 3.80 0.00	48.23 4.18 0.00	42.24 3.84 -0.01	40.49 3.41 -0.01	39.70 3.38 -0.01	38.84 3.37 -0.01	39.14 3.43 -0.01	44.17 3.34 -6.06	49.72 3.43 -9.03	51.73 3.83 -5.82	53.91 4.04 -2.92	57.31 4.54 -0.01	74.76 5.04 -14.30	75.60 4.52 -15.91	59.25 3.86 -8.32	46.16 3.39 -2.41	44.37 2.90 -7.33
YORK___WARBASSE 23770	50.72 2.32 -9.79	48.28 2.09 -15.89	48.47 2.00 -16.19	31.31 1.91 0.00	47.89 1.86 -15.46	48.53 2.04 -12.40	51.86 2.68 -5.18	55.27 3.28 -5.07	53.00 3.52 -5.43	53.03 3.22 -11.42	52.76 3.19 -12.51	52.51 3.27 -12.93	52.50 3.23 -13.82	52.54 3.39 -13.45	52.46 3.37 -14.32	52.70 3.54 -11.90	54.87 4.00 -8.79	51.08 4.13 0.00	57.09 4.33 0.00	60.30 4.88 -0.01	59.41 4.25 0.00	57.35 3.53 -6.74	51.79 2.87 -8.55	50.38 2.36 -13.89