

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion								11/08/2025		
Generator Data																												
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1 24138	EST	41.20	37.75	36.75	35.90	36.79	40.02	47.64	49.01	47.23	41.59	40.24	38.86	37.89	39.18	39.82	49.37	61.13	77.97	73.54	68.31	57.53	50.21	44.96	42.84			
		2.40	2.00	1.85	1.81	1.82	1.87	2.70	3.03	2.84	2.54	2.56	2.61	2.51	2.56	2.50	2.75	3.19	3.71	3.44	3.38	2.74	2.62	2.30	1.88			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1 24260		41.16	37.78	36.79	35.93	36.82	40.06	47.64	49.01	47.28	41.59	40.25	38.87	37.90	39.18	39.82	49.42	61.13	78.04	73.54	68.38	57.53	50.26	45.00	42.88			
		2.37	2.04	1.88	1.84	1.85	1.91	2.70	3.03	2.89	2.54	2.56	2.61	2.51	2.56	2.50	2.80	3.19	3.79	3.44	3.44	2.74	2.67	2.35	1.92			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.02	-0.02	-0.02	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2 24261		41.16	37.78	36.79	35.93	36.82	40.06	47.64	49.01	47.28	41.59	40.25	38.87	37.90	39.18	39.82	49.42	61.13	78.04	73.54	68.38	57.53	50.26	45.00	42.88			
		2.37	2.04	1.88	1.84	1.85	1.91	2.70	3.03	2.89	2.54	2.56	2.61	2.51	2.56	2.50	2.80	3.19	3.79	3.44	3.44	2.74	2.67	2.35	1.92			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.02	-0.02	-0.02	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS 24011		40.19	37.00	36.02	35.29	36.13	39.64	46.56	47.72	45.77	39.91	38.39	36.64	35.55	36.94	37.68	47.60	59.51	76.26	72.14	67.14	56.43	48.88	43.94	42.19			
		1.40	1.25	1.12	1.19	1.15	1.49	1.62	1.75	1.38	0.86	0.72	0.40	0.18	0.33	0.37	0.98	1.56	2.00	2.03	2.21	1.64	1.28	1.28	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY 23798		40.42	37.25	36.26	35.53	36.30	39.79	46.69	47.86	45.81	39.99	38.43	36.64	35.51	36.97	37.68	47.64	59.68	76.48	72.35	67.34	56.59	48.97	44.02	42.27			
		1.63	1.50	1.36	1.43	1.33	1.64	1.75	1.89	1.42	0.94	0.75	0.40	0.14	0.37	0.37	1.02	1.74	2.23	2.24	2.40	1.81	1.38	1.36	1.31			
		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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS 24028		40.19	37.00	36.02	35.29	36.13	39.64	46.56	47.72	45.77	39.91	38.39	36.64	35.55	36.94	37.68	47.60	59.51	76.26	72.14	67.14	56.43	48.88	43.94	42.19			
		1.40	1.25	1.12	1.19	1.15	1.49	1.62	1.75	1.38	0.86	0.72	0.40	0.18	0.33	0.37	0.98	1.56	2.00	2.03	2.21	1.64	1.28	1.28	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM 23527		40.46	37.21	36.23	35.49	36.30	39.87	46.92	47.99	46.08	40.07	38.47	36.71	35.83	37.08	38.01	48.02	59.74	76.26	72.28	66.95	56.54	48.54	43.55	42.31			
		1.67	1.47	1.33	1.40	1.33	1.72	1.98	2.02	1.69	1.01	0.79	0.47	0.46	0.47	0.71	1.40	1.80	2.01	2.18	2.02	1.75	0.95	0.90	1.35			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP 24190		39.33	36.18	35.25	34.47	35.36	38.65	45.48	46.52	44.88	39.29	37.94	36.46	35.55	36.79	37.57	46.99	58.29	74.40	70.32	65.32	55.06	47.69	42.83	41.33			
		0.54	0.43	0.35	0.38	0.38	0.50	0.54	0.55	0.49	0.23	0.26	0.22	0.18	0.18	0.26	0.37	0.35	0.15	0.21	0.39	0.27	0.10	0.17	0.37			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK 355683		38.91	35.85	35.04	34.13	35.04	38.23	45.21	46.29	44.83	39.52	38.05	36.53	35.76	37.08	37.76	47.27	58.98	75.52	71.44	66.04	55.94	48.59	43.47	41.74			
		0.12	0.11	0.14	0.03	0.07	0.08	0.27	0.32	0.44	0.47	0.38	0.29	0.39	0.48	0.45	0.65	1.04	1.26	1.33	1.10	1.15	1.00	0.81	0.78			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		40.11	36.93	35.99	35.22	36.06	39.41	46.29	47.31	45.41	39.68	38.24	36.68	35.72	37.05	37.83	47.55	59.28	75.82	71.65	66.56	55.99	48.59	43.59	41.94			
		1.32	1.18	1.08	1.12	1.09	1.26	1.35	1.33	1.02	0.62	0.57	0.44	0.35	0.44	0.52	0.93	1.33	1.56	1.54	1.62	1.20	1.00	0.94	0.98			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		40.07	36.93	35.99	35.22	36.06	39.41	46.29	47.26	45.41	39.68	38.24	36.64	35.72	37.05	37.83	47.55	59.28	75.82	71.65	66.56	55.99	48.59	43.59	41.94			
		1.28	1.18	1.08	1.12	1.09	1.26	1.35	1.29	1.02	0.62	0.57	0.40	0.35	0.44	0.52	0.93	1.33	1.56	1.54	1.62	1.20	1.00	0.94	0.98			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		39.33	36.18	35.25	34.47	35.36	38.65	45.48	46.52	44.88	39.29	37.94	36.46	35.55	36.79	37.57	46.99	58.29	74.40	70.32	65.32	55.06	47.69	42.83	41.33			
		0.54	0.43	0.35	0.38	0.38	0.50	0.54	0.55	0.49	0.23	0.26	0.22	0.18	0.18	0.26	0.37	0.35	0.15	0.21	0.39	0.27	0.10	0.17	0.37			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

ALBANY___2 23572	39.33 0.54 0.00	36.18 0.43 0.00	35.25 0.35 0.00	34.47 0.38 0.00	35.36 0.38 0.00	38.65 0.50 0.00	45.48 0.54 0.00	46.52 0.55 0.00	44.88 0.49 0.00	39.29 0.23 0.00	37.94 0.26 0.00	36.46 0.22 0.00	35.55 0.18 0.00	36.79 0.18 0.00	37.57 0.26 0.00	46.99 0.37 0.00	58.29 0.35 0.00	74.40 0.15 0.00	70.32 0.21 0.00	65.32 0.39 0.00	55.06 0.27 0.00	47.69 0.10 0.00	42.83 0.17 0.00	41.33 0.37 0.00
ALBANY___3 23573	39.33 0.54 0.00	36.18 0.43 0.00	35.25 0.35 0.00	34.47 0.38 0.00	35.36 0.38 0.00	38.65 0.50 0.00	45.48 0.54 0.00	46.52 0.55 0.00	44.88 0.49 0.00	39.29 0.23 0.00	37.94 0.26 0.00	36.46 0.22 0.00	35.55 0.18 0.00	36.79 0.18 0.00	37.57 0.26 0.00	46.99 0.37 0.00	58.29 0.35 0.00	74.40 0.15 0.00	70.32 0.21 0.00	65.32 0.39 0.00	55.06 0.27 0.00	47.69 0.10 0.00	42.83 0.17 0.00	41.33 0.37 0.00
ALBANY___4 23574	39.33 0.54 0.00	36.18 0.43 0.00	35.25 0.35 0.00	34.47 0.38 0.00	35.36 0.38 0.00	38.65 0.50 0.00	45.48 0.54 0.00	46.52 0.55 0.00	44.88 0.49 0.00	39.29 0.23 0.00	37.94 0.26 0.00	36.46 0.22 0.00	35.55 0.18 0.00	36.79 0.18 0.00	37.57 0.26 0.00	46.99 0.37 0.00	58.29 0.35 0.00	74.40 0.15 0.00	70.32 0.21 0.00	65.32 0.39 0.00	55.06 0.27 0.00	47.69 0.10 0.00	42.83 0.17 0.00	41.33 0.37 0.00
ALBANY___LFGE 323615	39.76 0.97 0.00	36.60 0.86 0.00	35.67 0.77 0.00	34.95 0.85 0.00	35.78 0.80 0.00	39.06 0.91 0.00	45.93 0.99 0.00	46.89 0.92 0.00	45.19 0.80 0.00	39.56 0.51 0.00	38.20 0.53 0.00	36.64 0.40 0.00	35.72 0.35 0.00	37.05 0.44 0.00	37.79 0.48 0.00	47.36 0.74 0.00	58.75 0.81 0.00	75.00 0.74 0.00	70.88 0.77 0.00	65.91 0.98 0.00	55.50 0.71 0.00	48.02 0.43 0.00	43.17 0.51 0.00	41.57 0.62 0.00
ALCOA_PA_115KV_PL-6C 55860	39.22 0.43 0.00	36.14 0.39 0.00	35.36 0.45 0.00	34.40 0.31 0.00	35.29 0.31 0.00	38.49 0.34 0.00	45.53 0.58 0.00	46.66 0.69 0.00	45.15 0.75 0.00	39.84 0.78 0.00	38.31 0.64 0.00	36.79 0.54 0.00	36.01 0.64 0.00	37.34 0.73 0.00	38.02 0.71 0.00	47.60 0.98 0.00	59.45 1.51 0.00	76.11 1.86 0.00	72.00 1.89 0.00	66.62 1.69 0.00	56.43 1.64 0.00	49.02 1.43 0.00	43.85 1.19 0.00	42.06 1.11 0.00
ALCOA_RYNLDS___DRP 24188	39.22 0.43 0.00	36.14 0.39 0.00	35.36 0.45 0.00	34.40 0.31 0.00	35.29 0.31 0.00	38.49 0.34 0.00	45.53 0.58 0.00	46.66 0.69 0.00	45.15 0.75 0.00	39.84 0.78 0.00	38.31 0.64 0.00	36.79 0.54 0.00	36.01 0.64 0.00	37.34 0.73 0.00	38.02 0.71 0.00	47.60 0.98 0.00	59.45 1.51 0.00	76.11 1.86 0.00	72.00 1.89 0.00	66.62 1.69 0.00	56.43 1.64 0.00	49.02 1.43 0.00	43.85 1.19 0.00	42.06 1.11 0.00
ALCOA___DSASP 323711	39.22 0.43 0.00	36.14 0.39 0.00	35.36 0.45 0.00	34.40 0.31 0.00	35.29 0.31 0.00	38.49 0.34 0.00	45.53 0.58 0.00	46.66 0.69 0.00	45.15 0.75 0.00	39.84 0.78 0.00	38.31 0.64 0.00	36.79 0.54 0.00	36.01 0.64 0.00	37.34 0.73 0.00	38.02 0.71 0.00	47.60 0.98 0.00	59.45 1.51 0.00	76.11 1.86 0.00	72.00 1.89 0.00	66.62 1.69 0.00	56.43 1.64 0.00	49.02 1.43 0.00	43.85 1.19 0.00	42.06 1.11 0.00
ALLEGHENY___COGEN 23514	38.44 -0.35 0.00	35.75 0.00 0.00	35.08 0.18 0.00	34.50 0.41 0.00	35.42 0.45 0.00	38.76 0.61 0.00	45.21 0.27 0.00	45.51 -0.46 0.00	44.08 -0.31 0.00	38.67 -0.39 0.00	37.15 -0.53 0.00	35.81 -0.43 0.00	35.05 -0.32 0.00	36.06 -0.55 0.00	36.71 -0.60 0.00	46.01 -0.61 0.00	56.72 -1.22 0.00	75.07 0.82 0.00	71.01 0.91 0.00	65.13 0.20 0.00	54.79 0.00 0.00	47.88 0.29 0.00	42.78 0.13 0.00	41.00 0.04 0.00
ALTAMONT_115KV_TB 2 55880	39.45 0.66 0.00	36.28 0.54 0.00	35.39 0.49 0.00	34.57 0.48 0.00	35.50 0.52 0.00	38.76 0.61 0.00	45.71 0.76 0.00	46.80 0.83 0.00	45.10 0.71 0.00	39.56 0.51 0.00	38.12 0.45 0.00	36.68 0.43 0.00	35.76 0.39 0.00	37.01 0.40 0.00	37.76 0.45 0.00	47.22 0.61 0.00	58.64 0.70 0.00	74.92 0.67 0.00	70.81 0.70 0.00	65.71 0.78 0.00	55.39 0.60 0.00	48.02 0.43 0.00	43.08 0.43 0.00	41.45 0.49 0.00
ALTONA_WT_PWR 323606	38.05 -0.74 0.00	35.14 -0.61 0.00	34.34 -0.56 0.00	33.38 -0.72 0.00	34.34 -0.63 0.00	37.50 -0.65 0.00	44.36 -0.59 0.00	45.56 -0.41 0.00	44.21 -0.18 0.00	39.09 0.04 0.00	37.60 -0.08 0.00	36.14 -0.11 0.00	35.37 0.00 0.00	36.75 0.15 0.00	37.50 0.19 0.00	46.99 0.37 0.00	58.87 0.92 0.00	75.44 1.18 0.00	71.43 1.33 0.00	66.10 1.17 0.00	56.05 1.26 0.00	48.78 1.19 0.00	43.64 0.98 0.00	41.86 0.90 0.00
AMERICAN_REF_FUEL 24010	35.80 -2.99 0.00	33.75 -2.00 0.00	32.71 -2.20 0.00	32.25 -1.84 0.00	33.54 -1.44 0.00	36.28 -1.87 0.00	41.75 -3.19 0.00	41.79 -4.18 0.00	40.48 -3.91 0.00	36.05 -3.01 0.00	35.00 -2.67 0.00	34.07 -2.17 0.00	33.28 -2.09 0.00	34.41 -2.20 0.00	34.73 -2.57 0.00	43.07 -3.54 0.00	52.32 -5.62 0.00	68.39 -5.87 0.00	64.29 -5.82 0.00	58.83 -6.11 0.00	49.64 -5.15 0.00	43.40 -4.19 0.00	39.07 -3.58 0.00	37.80 -3.15 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	35.92 -2.87 0.00	33.67 -2.07 0.00	33.02 -1.89 0.00	32.73 -1.36 0.00	33.82 -1.15 0.00	36.89 -1.26 0.00	43.19 -1.75 0.00	43.58 -2.39 0.00	42.17 -2.22 0.00	37.69 -1.37 0.00	36.62 -1.05 0.00	35.66 -0.58 0.00	34.84 -0.53 0.00	36.06 -0.55 0.00	36.38 -0.93 0.00	45.17 -1.45 0.00	54.93 -3.02 0.00	71.88 -2.38 0.00	67.51 -2.59 0.00	61.62 -3.31 0.00	52.00 -2.79 0.00	45.36 -2.24 0.00	40.65 -2.00 0.00	39.20 -1.76 0.00
ARTHUR KILL_GT_1 23520	41.86 3.06 -0.01	38.44 2.68 -0.01	37.43 2.51 -0.01	36.56 2.45 -0.01	37.46 2.48 -0.01	40.74 2.59 0.00	48.04 3.10 0.00	49.24 3.26 0.00	47.28 2.89 0.00	41.63 2.58 0.00	40.25 2.56 -0.02	38.94 2.68 -0.02	37.97 2.58 -0.02	39.29 2.67 -0.02	39.93 2.61 -0.02	49.42 2.80 0.00	60.32 2.38 0.00	77.37 3.12 0.01	72.97 2.87 0.01	67.59 2.66 0.01	57.03 2.25 0.00	50.59 3.00 0.00	45.56 2.90 0.00	43.58 2.62 0.00
ARTHUR_KILL_2 23512	41.94 3.14 -0.01	38.47 2.72 -0.01	37.50 2.58 -0.01	36.56 2.46 -0.01	37.53 2.55 -0.01	40.87 2.71 -0.01	47.95 3.01 0.00	49.14 3.17 0.00	47.14 2.75 0.00	41.56 2.50 0.00	40.17 2.49 -0.02	38.83 2.57 -0.02	37.86 2.47 -0.02	39.18 2.56 -0.02	39.82 2.50 -0.02	49.32 2.70 0.00	60.26 2.32 0.00	77.14 2.89 0.01	72.76 2.66 0.01	67.39 2.47 0.01	56.87 2.08 0.00	50.45 2.86 0.00	45.43 2.77 0.00	43.46 2.50 0.00
ARTHUR_KILL_3 23513	40.96 2.17 0.00	37.57 1.82 0.00	36.61 1.71 0.00	35.70 1.60 0.00	36.62 1.64 0.00	39.87 1.72 0.00	47.23 2.29 0.00	48.64 2.67 0.00	46.87 2.48 0.00	41.28 2.23 0.00	39.95 2.26 -0.01	38.58 2.32 -0.01	37.61 2.23 -0.01	38.89 2.27 -0.01	39.52 2.20 -0.01	48.99 2.38 0.00	60.67 2.72 0.00	77.30 3.05 0.00	72.91 2.81 0.00	67.79 2.85 0.00	57.09 2.30 0.00	49.78 2.19 0.00	44.58 1.92 0.00	42.47 1.52 0.00

ARTHUR_KILL_COGEN 323718	42.02 3.22 -0.01	38.55 2.79 -0.01	37.60 2.69 -0.01	36.66 2.56 -0.01	37.60 2.62 -0.01	40.94 2.78 -0.01	48.09 3.14 0.00	49.24 3.26 0.00	47.27 2.88 0.00	41.63 2.58 0.00	40.25 2.56 -0.02	38.94 2.68 -0.02	37.96 2.58 -0.02	39.29 2.67 -0.02	39.93 2.61 -0.02	49.42 2.80 0.00	60.43 2.49 0.00	77.37 3.12 0.01	72.97 2.88 0.01	67.59 2.66 0.01	57.04 2.25 0.00	50.59 3.00 0.00	45.56 2.90 0.00	43.58 2.62 0.00
ASHOKAN____ 23654	40.38 1.59 0.00	37.07 1.32 0.00	36.20 1.29 0.00	35.22 1.12 0.00	36.16 1.19 0.00	39.37 1.22 0.00	46.51 1.57 0.00	47.62 1.65 0.00	45.85 1.46 0.00	40.11 1.05 0.00	38.47 0.79 0.00	36.90 0.65 0.00	35.90 0.53 0.00	37.12 0.51 0.00	37.87 0.56 0.00	47.60 0.98 0.00	59.85 1.91 0.00	76.78 2.53 0.00	72.49 2.38 0.00	67.34 2.40 0.00	56.32 1.53 0.00	49.07 1.48 0.00	43.89 1.24 0.00	41.98 1.02 0.00
ASTORIA_EAST_ENERGY_CC1 323581	41.08 2.29 0.00	37.71 1.96 0.00	36.79 1.88 0.00	35.83 1.74 0.00	36.75 1.78 0.00	39.87 1.72 0.00	47.19 2.25 0.00	48.45 2.48 0.00	46.65 2.26 0.01	41.12 2.07 0.01	39.79 2.11 -0.01	38.57 2.32 -0.01	37.61 2.23 -0.01	38.85 2.23 -0.01	39.40 2.09 -0.01	48.71 2.10 0.01	60.08 2.15 0.01	76.62 2.38 0.01	72.27 2.18 0.01	67.14 2.21 0.01	56.64 1.86 0.01	49.59 2.00 0.00	44.66 2.01 0.00	42.68 1.72 0.00
ASTORIA_EAST_ENERGY_CC2 323582	41.08 2.29 0.00	37.71 1.96 0.00	36.75 1.85 0.00	35.83 1.74 0.00	36.75 1.78 0.00	39.87 1.72 0.00	47.14 2.20 0.00	48.41 2.43 0.00	46.65 2.26 0.01	41.08 2.03 0.01	39.79 2.11 -0.01	38.54 2.28 -0.01	37.57 2.19 -0.01	38.85 2.23 -0.01	39.37 2.05 -0.01	48.71 2.10 0.01	60.02 2.08 0.01	76.62 2.38 0.01	72.27 2.18 0.01	67.07 2.14 0.01	56.64 1.86 0.01	49.59 2.00 0.00	44.66 2.01 0.00	42.64 1.68 0.00
ASTORIA_GT2_1 24094	40.92 2.13 0.00	37.61 1.86 0.00	36.61 1.71 0.00	35.73 1.64 0.00	36.61 1.64 0.00	39.68 1.53 0.00	47.14 2.20 0.00	48.41 2.44 0.00	46.65 2.26 0.00	41.13 2.07 0.00	39.80 2.11 -0.02	38.58 2.32 -0.02	37.61 2.23 -0.02	38.85 2.23 -0.02	39.41 2.09 -0.02	48.72 2.10 0.00	59.97 2.03 0.00	76.62 2.38 0.01	72.27 2.17 0.01	67.13 2.21 0.01	56.65 1.86 0.00	49.59 2.00 0.00	44.66 2.00 0.00	42.68 1.72 0.00
ASTORIA_GT2_2 24095	40.92 2.13 0.00	37.61 1.86 0.00	36.61 1.71 0.00	35.73 1.64 0.00	36.61 1.64 0.00	39.68 1.53 0.00	47.14 2.20 0.00	48.41 2.44 0.00	46.65 2.26 0.00	41.13 2.07 0.00	39.80 2.11 -0.02	38.58 2.32 -0.02	37.61 2.23 -0.02	38.85 2.23 -0.02	39.41 2.09 -0.02	48.72 2.10 0.00	59.97 2.03 0.00	76.62 2.38 0.01	72.27 2.17 0.01	67.13 2.21 0.01	56.65 1.86 0.00	49.59 2.00 0.00	44.66 2.00 0.00	42.68 1.72 0.00
ASTORIA_GT2_3 24096	40.92 2.13 0.00	37.61 1.86 0.00	36.61 1.71 0.00	35.73 1.64 0.00	36.61 1.64 0.00	39.68 1.53 0.00	47.14 2.20 0.00	48.41 2.44 0.00	46.65 2.26 0.00	41.13 2.07 0.00	39.80 2.11 -0.02	38.58 2.32 -0.02	37.61 2.23 -0.02	38.85 2.23 -0.02	39.41 2.09 -0.02	48.72 2.10 0.00	59.97 2.03 0.00	76.62 2.38 0.01	72.27 2.17 0.01	67.13 2.21 0.01	56.65 1.86 0.00	49.59 2.00 0.00	44.66 2.00 0.00	42.68 1.72 0.00
ASTORIA_GT2_4 24097	40.92 2.13 0.00	37.61 1.86 0.00	36.61 1.71 0.00	35.73 1.64 0.00	36.61 1.64 0.00	39.68 1.53 0.00	47.14 2.20 0.00	48.41 2.44 0.00	46.65 2.26 0.00	41.13 2.07 0.00	39.80 2.11 -0.02	38.58 2.32 -0.02	37.61 2.23 -0.02	38.85 2.23 -0.02	39.41 2.09 -0.02	48.72 2.10 0.00	59.97 2.03 0.00	76.62 2.38 0.01	72.27 2.17 0.01	67.13 2.21 0.01	56.65 1.86 0.00	49.59 2.00 0.00	44.66 2.00 0.00	42.68 1.72 0.00
ASTORIA_GT3_1 24098	40.92 2.13 0.00	37.61 1.86 0.00	36.61 1.71 0.00	35.73 1.64 0.00	36.61 1.64 0.00	39.68 1.53 0.00	47.14 2.20 0.00	48.41 2.44 0.00	46.65 2.26 0.00	41.13 2.07 0.00	39.80 2.11 -0.02	38.58 2.32 -0.02	37.61 2.23 -0.02	38.85 2.23 -0.02	39.41 2.09 -0.02	48.72 2.10 0.00	59.97 2.03 0.00	76.62 2.38 0.01	72.27 2.17 0.01	67.13 2.21 0.01	56.65 1.86 0.00	49.59 2.00 0.00	44.66 2.00 0.00	42.68 1.72 0.00
ASTORIA_GT3_2 24099	40.92 2.13 0.00	37.61 1.86 0.00	36.61 1.71 0.00	35.73 1.64 0.00	36.61 1.64 0.00	39.68 1.53 0.00	47.14 2.20 0.00	48.41 2.44 0.00	46.65 2.26 0.00	41.13 2.07 0.00	39.80 2.11 -0.02	38.58 2.32 -0.02	37.61 2.23 -0.02	38.85 2.23 -0.02	39.41 2.09 -0.02	48.72 2.10 0.00	59.97 2.03 0.00	76.62 2.38 0.01	72.27 2.17 0.01	67.13 2.21 0.01	56.65 1.86 0.00	49.59 2.00 0.00	44.66 2.00 0.00	42.68 1.72 0.00
ASTORIA_GT3_3 24100	40.92 2.13 0.00	37.61 1.86 0.00	36.61 1.71 0.00	35.73 1.64 0.00	36.61 1.64 0.00	39.68 1.53 0.00	47.14 2.20 0.00	48.41 2.44 0.00	46.65 2.26 0.00	41.13 2.07 0.00	39.80 2.11 -0.02	38.58 2.32 -0.02	37.61 2.23 -0.02	38.85 2.23 -0.02	39.41 2.09 -0.02	48.72 2.10 0.00	59.97 2.03 0.00	76.62 2.38 0.01	72.27 2.17 0.01	67.13 2.21 0.01	56.65 1.86 0.00	49.59 2.00 0.00	44.66 2.00 0.00	42.68 1.72 0.00
ASTORIA_GT3_4 24101	40.92 2.13 0.00	37.61 1.86 0.00	36.61 1.71 0.00	35.73 1.64 0.00	36.61 1.64 0.00	39.68 1.53 0.00	47.14 2.20 0.00	48.41 2.44 0.00	46.65 2.26 0.00	41.13 2.07 0.00	39.80 2.11 -0.02	38.58 2.32 -0.02	37.61 2.23 -0.02	38.85 2.23 -0.02	39.41 2.09 -0.02	48.72 2.10 0.00	59.97 2.03 0.00	76.62 2.38 0.01	72.27 2.17 0.01	67.13 2.21 0.01	56.65 1.86 0.00	49.59 2.00 0.00	44.66 2.00 0.00	42.68 1.72 0.00
ASTORIA_GT4_1 24102	40.92 2.13 0.00	37.61 1.86 0.00	36.61 1.71 0.00	35.73 1.64 0.00	36.61 1.64 0.00	39.68 1.53 0.00	47.14 2.20 0.00	48.41 2.44 0.00	46.65 2.26 0.00	41.13 2.07 0.00	39.80 2.11 -0.02	38.58 2.32 -0.02	37.61 2.23 -0.02	38.85 2.23 -0.02	39.41 2.09 -0.02	48.72 2.10 0.00	59.97 2.03 0.00	76.62 2.38 0.01	72.27 2.17 0.01	67.13 2.21 0.01	56.65 1.86 0.00	49.59 2.00 0.00	44.66 2.00 0.00	42.68 1.72 0.00
ASTORIA_GT4_2 24103	40.92 2.13 0.00	37.61 1.86 0.00	36.61 1.71 0.00	35.73 1.64 0.00	36.61 1.64 0.00	39.68 1.53 0.00	47.14 2.20 0.00	48.41 2.44 0.00	46.65 2.26 0.00	41.13 2.07 0.00	39.80 2.11 -0.02	38.58 2.32 -0.02	37.61 2.23 -0.02	38.85 2.23 -0.02	39.41 2.09 -0.02	48.72 2.10 0.00	59.97 2.03 0.00	76.62 2.38 0.01	72.27 2.17 0.01	67.13 2.21 0.01	56.65 1.86 0.00	49.59 2.00 0.00	44.66 2.00 0.00	42.68 1.72 0.00
ASTORIA_GT4_3 24104	40.92 2.13 0.00	37.61 1.86 0.00	36.61 1.71 0.00	35.73 1.64 0.00	36.61 1.64 0.00	39.68 1.53 0.00	47.14 2.20 0.00	48.41 2.44 0.00	46.65 2.26 0.00	41.13 2.07 0.00	39.80 2.11 -0.02	38.58 2.32 -0.02	37.61 2.23 -0.02	38.85 2.23 -0.02	39.41 2.09 -0.02	48.72 2.10 0.00	59.97 2.03 0.00	76.62 2.38 0.01	72.27 2.17 0.01	67.13 2.21 0.01	56.65 1.86 0.00	49.59 2.00 0.00	44.66 2.00 0.00	42.68 1.72 0.00

ASTORIA_GT4_4 24105	40.92 2.13 0.00	37.61 1.86 0.00	36.61 1.71 0.00	35.73 1.64 0.00	36.61 1.64 0.00	39.68 1.53 0.00	47.14 2.20 0.00	48.41 2.44 0.00	46.65 2.26 0.00	41.13 2.07 0.00	39.80 2.11 -0.02	38.58 2.32 -0.02	37.61 2.23 -0.02	38.85 2.23 -0.02	39.41 2.09 -0.02	48.72 2.10 0.00	59.97 2.03 0.00	76.62 2.38 0.01	72.27 2.17 0.01	67.13 2.21 0.01	56.65 1.86 0.00	49.59 2.00 0.00	44.66 2.00 0.00	42.68 1.72 0.00
ASTORIA_GT_1 23523	41.00 2.21 0.00	37.64 1.89 0.00	36.65 1.75 0.00	35.80 1.70 0.00	36.65 1.68 0.00	39.75 1.60 0.00	47.19 2.25 0.00	48.50 2.53 0.00	46.74 2.35 0.00	41.16 2.11 0.00	39.87 2.19 -0.02	38.65 2.39 -0.02	37.68 2.30 -0.02	38.93 2.31 -0.02	39.49 2.16 -0.02	48.81 2.19 0.00	60.09 2.14 0.00	76.77 2.52 0.01	72.41 2.31 0.01	67.26 2.34 0.01	56.76 1.97 0.00	49.69 2.09 0.00	44.75 2.09 0.00	42.76 1.80 0.00
ASTORIA_GT_10 24110	41.08 2.29 0.00	37.71 1.97 0.00	36.72 1.82 0.00	35.87 1.77 0.00	36.75 1.78 0.00	39.90 1.75 0.00	47.37 2.43 0.00	48.73 2.76 0.00	46.92 2.53 0.00	41.36 2.30 0.00	40.02 2.34 -0.02	38.69 2.43 -0.02	37.72 2.33 -0.02	39.00 2.38 -0.02	39.64 2.31 -0.02	49.04 2.42 0.00	60.37 2.43 0.00	77.07 2.82 0.01	72.69 2.59 0.01	67.59 2.66 0.01	57.03 2.25 0.00	49.92 2.33 0.00	44.83 2.18 0.00	42.80 1.84 0.00
ASTORIA_GT_11 24225	41.08 2.29 0.00	37.71 1.97 0.00	36.72 1.82 0.00	35.87 1.77 0.00	36.75 1.78 0.00	39.90 1.75 0.00	47.37 2.43 0.00	48.73 2.76 0.00	46.92 2.53 0.00	41.36 2.30 0.00	40.02 2.34 -0.02	38.69 2.43 -0.02	37.72 2.33 -0.02	39.00 2.38 -0.02	39.64 2.31 -0.02	49.04 2.42 0.00	60.37 2.43 0.00	77.07 2.82 0.01	72.69 2.59 0.01	67.59 2.66 0.01	57.03 2.25 0.00	49.92 2.33 0.00	44.83 2.18 0.00	42.80 1.84 0.00
ASTORIA_GT_12 24226	41.08 2.29 0.00	37.71 1.97 0.00	36.72 1.82 0.00	35.87 1.77 0.00	36.75 1.78 0.00	39.90 1.75 0.00	47.37 2.43 0.00	48.73 2.76 0.00	46.92 2.53 0.00	41.36 2.30 0.00	40.02 2.34 -0.02	38.69 2.43 -0.02	37.72 2.33 -0.02	39.00 2.38 -0.02	39.64 2.31 -0.02	49.04 2.42 0.00	60.37 2.43 0.00	77.07 2.82 0.01	72.69 2.59 0.01	67.59 2.66 0.01	57.03 2.25 0.00	49.92 2.33 0.00	44.83 2.18 0.00	42.80 1.84 0.00
ASTORIA_GT_13 24227	41.08 2.29 0.00	37.71 1.97 0.00	36.72 1.82 0.00	35.87 1.77 0.00	36.75 1.78 0.00	39.90 1.75 0.00	47.37 2.43 0.00	48.73 2.76 0.00	46.92 2.53 0.00	41.36 2.30 0.00	40.02 2.34 -0.02	38.69 2.43 -0.02	37.72 2.33 -0.02	39.00 2.38 -0.02	39.64 2.31 -0.02	49.04 2.42 0.00	60.37 2.43 0.00	77.07 2.82 0.01	72.69 2.59 0.01	67.59 2.66 0.01	57.03 2.25 0.00	49.92 2.33 0.00	44.83 2.18 0.00	42.80 1.84 0.00
ASTORIA_GT_5 24106	41.00 2.21 0.00	37.64 1.89 0.00	36.65 1.75 0.00	35.80 1.70 0.00	36.65 1.68 0.00	39.75 1.60 0.00	47.19 2.25 0.00	48.50 2.53 0.00	46.74 2.35 0.00	41.16 2.11 0.00	39.87 2.19 -0.02	38.65 2.39 -0.02	37.68 2.30 -0.02	38.93 2.31 -0.02	39.49 2.16 -0.02	48.81 2.19 0.00	60.09 2.14 0.00	76.77 2.52 0.01	72.41 2.31 0.01	67.26 2.34 0.01	56.76 1.97 0.00	49.69 2.09 0.00	44.75 2.09 0.00	42.76 1.80 0.00
ASTORIA_GT_7 24107	41.00 2.21 0.00	37.64 1.89 0.00	36.65 1.75 0.00	35.80 1.70 0.00	36.65 1.68 0.00	39.75 1.60 0.00	47.19 2.25 0.00	48.50 2.53 0.00	46.74 2.35 0.00	41.16 2.11 0.00	39.87 2.19 -0.02	38.65 2.39 -0.02	37.68 2.30 -0.02	38.93 2.31 -0.02	39.49 2.16 -0.02	48.81 2.19 0.00	60.09 2.14 0.00	76.77 2.52 0.01	72.41 2.31 0.01	67.26 2.34 0.01	56.76 1.97 0.00	49.69 2.09 0.00	44.75 2.09 0.00	42.76 1.80 0.00
ASTORIA_GT_8 24108	41.00 2.21 0.00	37.64 1.89 0.00	36.65 1.75 0.00	35.80 1.70 0.00	36.65 1.68 0.00	39.75 1.60 0.00	47.19 2.25 0.00	48.50 2.53 0.00	46.74 2.35 0.00	41.16 2.11 0.00	39.87 2.19 -0.02	38.65 2.39 -0.02	37.68 2.30 -0.02	38.93 2.31 -0.02	39.49 2.16 -0.02	48.81 2.19 0.00	60.09 2.14 0.00	76.77 2.52 0.01	72.41 2.31 0.01	67.26 2.34 0.01	56.76 1.97 0.00	49.69 2.09 0.00	44.75 2.09 0.00	42.76 1.80 0.00
ASTORIA___2 24149	41.08 2.29 0.00	37.71 1.96 0.00	36.79 1.88 0.00	35.83 1.74 0.00	36.75 1.78 0.00	39.87 1.72 0.00	47.19 2.25 0.00	48.45 2.48 0.00	46.65 2.26 0.01	41.12 2.07 0.01	39.79 2.11 -0.01	38.57 2.32 -0.01	37.61 2.23 -0.01	38.85 2.23 -0.01	39.40 2.09 -0.01	48.71 2.10 0.01	60.08 2.15 0.01	76.62 2.38 0.01	72.27 2.18 0.01	67.14 2.21 0.01	56.64 1.86 0.01	49.59 2.00 0.00	44.66 2.01 0.00	42.68 1.72 0.00
ASTORIA___3 23516	41.27 2.48 0.00	37.82 2.07 0.00	36.89 1.99 0.00	35.97 1.87 0.00	36.89 1.92 0.00	40.13 1.98 0.00	47.41 2.47 0.00	48.73 2.76 0.00	46.92 2.53 0.00	41.36 2.30 0.00	40.03 2.34 -0.02	38.65 2.39 -0.02	37.72 2.33 -0.02	39.00 2.38 -0.02	39.60 2.28 -0.02	49.04 2.42 0.00	60.49 2.55 0.00	77.07 2.82 0.01	72.69 2.60 0.01	67.59 2.66 0.01	57.04 2.25 0.00	49.92 2.33 0.00	44.83 2.17 0.00	42.80 1.84 0.00
ASTORIA___4 23517	41.08 2.29 0.00	37.71 1.97 0.00	36.72 1.82 0.00	35.87 1.77 0.00	36.75 1.78 0.00	39.90 1.75 0.00	47.37 2.43 0.00	48.73 2.76 0.00	46.92 2.53 0.00	41.36 2.30 0.00	40.02 2.34 -0.02	38.69 2.43 -0.02	37.72 2.33 -0.02	39.00 2.38 -0.02	39.64 2.31 -0.02	49.04 2.42 0.00	60.37 2.43 0.00	77.07 2.82 0.01	72.69 2.59 0.01	67.59 2.66 0.01	57.03 2.25 0.00	49.92 2.33 0.00	44.83 2.18 0.00	42.80 1.84 0.00
ASTORIA___5 23518	41.27 2.48 0.00	37.82 2.07 0.00	36.89 1.99 0.00	35.97 1.87 0.00	36.89 1.92 0.00	40.13 1.98 0.00	47.41 2.47 0.00	48.73 2.76 0.00	46.92 2.53 0.00	41.36 2.30 0.00	40.03 2.34 -0.02	38.65 2.39 -0.02	37.72 2.33 -0.02	39.00 2.38 -0.02	39.60 2.28 -0.02	49.04 2.42 0.00	60.49 2.55 0.00	77.07 2.82 0.01	72.69 2.60 0.01	67.59 2.66 0.01	57.04 2.25 0.00	49.92 2.33 0.00	44.83 2.17 0.00	42.80 1.84 0.00
AST_ENERGY_2_CC3 323677	41.08 2.29 0.00	37.71 1.96 0.00	36.79 1.88 0.00	35.83 1.74 0.00	36.75 1.78 0.00	39.87 1.72 0.00	47.19 2.25 0.00	48.45 2.48 0.00	46.65 2.26 0.01	41.12 2.07 0.01	39.79 2.11 -0.01	38.57 2.32 -0.01	37.61 2.23 -0.01	38.85 2.23 -0.01	39.40 2.09 -0.01	48.71 2.10 0.01	60.08 2.15 0.01	76.62 2.38 0.01	72.27 2.18 0.01	67.14 2.21 0.01	56.64 1.86 0.01	49.59 2.00 0.00	44.66 2.01 0.00	42.68 1.72 0.00
AST_ENERGY_2_CC4 323678	41.08 2.29 0.00	37.71 1.96 0.00	36.79 1.88 0.00	35.83 1.74 0.00	36.75 1.78 0.00	39.87 1.72 0.00	47.19 2.25 0.00	48.45 2.48 0.00	46.65 2.26 0.01	41.12 2.07 0.01	39.79 2.11 -0.01	38.57 2.32 -0.01	37.61 2.23 -0.01	38.85 2.23 -0.01	39.40 2.09 -0.01	48.71 2.10 0.01	60.08 2.15 0.01	76.62 2.38 0.01	72.27 2.18 0.01	67.14 2.21 0.01	56.64 1.86 0.01	49.59 2.00 0.00	44.66 2.01 0.00	42.68 1.72 0.00

ATHENS_STG_1 23668	39.87 1.08 0.00	36.68 0.93 0.00	35.74 0.84 0.00	34.91 0.82 0.00	35.81 0.84 0.00	39.06 0.91 0.00	46.11 1.17 0.00	47.26 1.29 0.00	45.54 1.15 0.00	39.99 0.94 0.00	38.62 0.94 0.00	37.19 0.94 0.00	36.29 0.92 0.00	37.52 0.92 0.00	38.24 0.93 0.00	47.69 1.07 0.00	59.21 1.27 0.00	75.59 1.34 0.00	71.37 1.26 0.00	66.30 1.37 0.00	55.83 1.04 0.00	48.54 0.95 0.00	43.46 0.81 0.00	41.70 0.74 0.00
ATHENS_STG_2 23670	39.87 1.08 0.00	36.68 0.93 0.00	35.74 0.84 0.00	34.91 0.82 0.00	35.81 0.84 0.00	39.06 0.91 0.00	46.11 1.17 0.00	47.26 1.29 0.00	45.54 1.15 0.00	39.99 0.94 0.00	38.62 0.94 0.00	37.19 0.94 0.00	36.29 0.92 0.00	37.52 0.92 0.00	38.24 0.93 0.00	47.69 1.07 0.00	59.21 1.27 0.00	75.59 1.34 0.00	71.37 1.26 0.00	66.30 1.37 0.00	55.83 1.04 0.00	48.54 0.95 0.00	43.46 0.81 0.00	41.70 0.74 0.00
ATHENS_STG_3 23677	39.87 1.08 0.00	36.68 0.93 0.00	35.74 0.84 0.00	34.91 0.82 0.00	35.81 0.84 0.00	39.06 0.91 0.00	46.11 1.17 0.00	47.26 1.29 0.00	45.54 1.15 0.00	39.99 0.94 0.00	38.62 0.94 0.00	37.19 0.94 0.00	36.29 0.92 0.00	37.52 0.92 0.00	38.24 0.93 0.00	47.69 1.07 0.00	59.21 1.27 0.00	75.59 1.34 0.00	71.37 1.26 0.00	66.30 1.37 0.00	55.83 1.04 0.00	48.54 0.95 0.00	43.46 0.81 0.00	41.70 0.74 0.00
AUBURN___LFGE 323710	38.48 -0.31 0.00	35.57 -0.18 0.00	34.76 -0.14 0.00	34.06 -0.03 0.00	34.87 -0.10 0.00	38.04 -0.11 0.00	44.63 -0.31 0.00	45.51 -0.46 0.00	44.70 0.31 0.00	39.37 0.31 0.00	38.05 0.38 0.00	36.68 0.43 0.00	35.79 0.42 0.00	36.86 0.26 0.00	37.61 0.30 0.00	46.99 0.37 0.00	57.30 -0.64 0.00	73.88 -0.37 0.00	69.68 -0.42 0.00	64.41 -0.52 0.00	54.24 -0.55 0.00	47.21 -0.38 0.00	42.27 -0.38 0.00	40.51 -0.45 0.00
BABYLON_RES_REC 323704	41.43 2.64 0.00	37.75 2.00 0.00	36.72 1.81 0.00	35.73 1.64 0.00	36.75 1.78 0.00	40.02 1.87 0.00	47.59 2.65 0.00	49.01 3.03 0.00	47.37 2.97 0.00	41.44 2.38 0.00	40.12 2.45 0.00	38.67 2.43 0.00	37.70 2.33 0.00	39.06 2.45 0.00	39.81 2.50 0.00	49.79 3.17 0.00	61.59 3.65 0.00	79.16 4.90 0.00	74.73 4.63 0.00	69.35 4.42 0.00	58.02 3.23 0.00	50.92 3.33 0.00	45.56 2.90 0.00	43.25 2.29 0.00
BALL_HILL_WT_PWR 323825	36.35 -2.44 0.00	33.96 -1.79 0.00	33.26 -1.64 0.00	32.83 -1.26 0.00	33.85 -1.12 0.00	36.85 -1.30 0.00	42.83 -2.11 0.00	43.12 -2.85 0.00	41.73 -2.66 0.00	37.18 -1.87 0.00	36.13 -1.55 0.00	35.16 -1.09 0.00	34.38 -0.99 0.00	35.51 -1.10 0.00	35.85 -1.46 0.00	44.52 -2.10 0.00	54.12 -3.83 0.00	70.77 -3.49 0.00	66.46 -3.65 0.00	60.71 -4.22 0.00	51.28 -3.51 0.00	44.78 -2.81 0.00	40.18 -2.48 0.00	38.79 -2.17 0.00
BARON_WINDS___WT_PWR 323822	36.39 -2.41 0.00	34.10 -1.64 0.00	33.44 -1.46 0.00	32.93 -1.16 0.00	33.89 -1.08 0.00	37.01 -1.14 0.00	43.10 -1.84 0.00	43.53 -2.44 0.00	42.13 -2.26 0.00	37.38 -1.68 0.00	36.20 -1.47 0.00	35.12 -1.12 0.00	34.31 -1.06 0.00	35.40 -1.21 0.00	35.89 -1.42 0.00	44.75 -1.87 0.00	54.70 -3.24 0.00	71.43 -2.82 0.00	67.16 -2.94 0.00	61.49 -3.44 0.00	51.94 -2.85 0.00	45.36 -2.24 0.00	40.61 -2.05 0.00	39.07 -1.88 0.00
BARRETT_IC_1 23704	41.16 2.37 0.00	37.57 1.82 0.00	36.55 1.64 0.00	35.59 1.50 0.00	36.62 1.64 0.00	39.87 1.72 0.00	47.32 2.38 0.00	48.73 2.76 0.00	47.05 2.66 0.00	41.20 2.15 0.00	39.89 2.22 0.00	38.45 2.21 0.00	37.49 2.12 0.00	38.84 2.23 0.00	39.55 2.24 0.00	49.32 2.70 0.00	60.89 2.95 0.00	78.04 3.78 0.00	73.61 3.50 0.00	68.37 3.44 0.00	57.31 2.52 0.00	50.30 2.71 0.00	45.13 2.47 0.00	42.88 1.93 0.00
BARRETT_IC_10 23701	41.16 2.37 0.00	37.57 1.82 0.00	36.55 1.64 0.00	35.59 1.50 0.00	36.62 1.64 0.00	39.87 1.72 0.00	47.32 2.38 0.00	48.73 2.76 0.00	47.05 2.66 0.00	41.20 2.15 0.00	39.89 2.22 0.00	38.45 2.21 0.00	37.49 2.12 0.00	38.84 2.23 0.00	39.55 2.24 0.00	49.32 2.70 0.00	60.89 2.95 0.00	78.04 3.78 0.00	73.61 3.50 0.00	68.37 3.44 0.00	57.31 2.52 0.00	50.30 2.71 0.00	45.13 2.47 0.00	42.88 1.93 0.00
BARRETT_IC_11 23702	41.16 2.37 0.00	37.57 1.82 0.00	36.55 1.64 0.00	35.59 1.50 0.00	36.62 1.64 0.00	39.87 1.72 0.00	47.32 2.38 0.00	48.73 2.76 0.00	47.05 2.66 0.00	41.20 2.15 0.00	39.89 2.22 0.00	38.45 2.21 0.00	37.49 2.12 0.00	38.84 2.23 0.00	39.55 2.24 0.00	49.32 2.70 0.00	60.89 2.95 0.00	78.04 3.78 0.00	73.61 3.50 0.00	68.37 3.44 0.00	57.31 2.52 0.00	50.30 2.71 0.00	45.13 2.47 0.00	42.88 1.93 0.00
BARRETT_IC_12 23703	41.16 2.37 0.00	37.57 1.82 0.00	36.55 1.64 0.00	35.59 1.50 0.00	36.62 1.64 0.00	39.87 1.72 0.00	47.32 2.38 0.00	48.73 2.76 0.00	47.05 2.66 0.00	41.20 2.15 0.00	39.89 2.22 0.00	38.45 2.21 0.00	37.49 2.12 0.00	38.84 2.23 0.00	39.55 2.24 0.00	49.32 2.70 0.00	60.89 2.95 0.00	78.04 3.78 0.00	73.61 3.50 0.00	68.37 3.44 0.00	57.31 2.52 0.00	50.30 2.71 0.00	45.13 2.47 0.00	42.88 1.93 0.00
BARRETT_IC_2 23705	41.16 2.37 0.00	37.57 1.82 0.00	36.55 1.64 0.00	35.59 1.50 0.00	36.62 1.64 0.00	39.87 1.72 0.00	47.32 2.38 0.00	48.73 2.76 0.00	47.05 2.66 0.00	41.20 2.15 0.00	39.89 2.22 0.00	38.45 2.21 0.00	37.49 2.12 0.00	38.84 2.23 0.00	39.55 2.24 0.00	49.32 2.70 0.00	60.89 2.95 0.00	78.04 3.78 0.00	73.61 3.50 0.00	68.37 3.44 0.00	57.31 2.52 0.00	50.30 2.71 0.00	45.13 2.47 0.00	42.88 1.93 0.00
BARRETT_IC_3 23706	41.16 2.37 0.00	37.57 1.82 0.00	36.55 1.64 0.00	35.59 1.50 0.00	36.62 1.64 0.00	39.87 1.72 0.00	47.32 2.38 0.00	48.73 2.76 0.00	47.05 2.66 0.00	41.20 2.15 0.00	39.89 2.22 0.00	38.45 2.21 0.00	37.49 2.12 0.00	38.84 2.23 0.00	39.55 2.24 0.00	49.32 2.70 0.00	60.89 2.95 0.00	78.04 3.78 0.00	73.61 3.50 0.00	68.37 3.44 0.00	57.31 2.52 0.00	50.30 2.71 0.00	45.13 2.47 0.00	42.88 1.93 0.00
BARRETT_IC_4 23707	41.16 2.37 0.00	37.57 1.82 0.00	36.55 1.64 0.00	35.59 1.50 0.00	36.62 1.64 0.00	39.87 1.72 0.00	47.32 2.38 0.00	48.73 2.76 0.00	47.05 2.66 0.00	41.20 2.15 0.00	39.89 2.22 0.00	38.45 2.21 0.00	37.49 2.12 0.00	38.84 2.23 0.00	39.55 2.24 0.00	49.32 2.70 0.00	60.89 2.95 0.00	78.04 3.78 0.00	73.61 3.50 0.00	68.37 3.44 0.00	57.31 2.52 0.00	50.30 2.71 0.00	45.13 2.47 0.00	42.88 1.93 0.00
BARRETT_IC_5 23708	41.16 2.37 0.00	37.57 1.82 0.00	36.55 1.64 0.00	35.59 1.50 0.00	36.62 1.64 0.00	39.87 1.72 0.00	47.32 2.38 0.00	48.73 2.76 0.00	47.05 2.66 0.00	41.20 2.15 0.00	39.89 2.22 0.00	38.45 2.21 0.00	37.49 2.12 0.00	38.84 2.23 0.00	39.55 2.24 0.00	49.32 2.70 0.00	60.89 2.95 0.00	78.04 3.78 0.00	73.61 3.50 0.00	68.37 3.44 0.00	57.31 2.52 0.00	50.30 2.71 0.00	45.13 2.47 0.00	42.88 1.93 0.00

BARRETT_IC_6 23709	41.16 2.37 0.00	37.57 1.82 0.00	36.55 1.64 0.00	35.59 1.50 0.00	36.62 1.64 0.00	39.87 1.72 0.00	47.32 2.38 0.00	48.73 2.76 0.00	47.05 2.66 0.00	41.20 2.15 0.00	39.89 2.22 0.00	38.45 2.21 0.00	37.49 2.12 0.00	38.84 2.23 0.00	39.55 2.24 0.00	49.32 2.70 0.00	60.89 2.95 0.00	78.04 3.78 0.00	73.61 3.50 0.00	68.37 3.44 0.00	57.31 2.52 0.00	50.30 2.71 0.00	45.13 2.47 0.00	42.88 1.93 0.00
BARRETT_IC_7 23710	41.00 2.21 0.00	37.46 1.72 0.00	36.41 1.50 0.00	35.49 1.40 0.00	36.44 1.47 0.00	39.68 1.53 0.00	47.28 2.34 0.00	48.68 2.71 0.00	47.05 2.66 0.00	41.20 2.15 0.00	39.89 2.22 0.00	38.45 2.21 0.00	37.49 2.12 0.00	38.84 2.23 0.00	39.55 2.24 0.00	49.32 2.70 0.00	60.78 2.84 0.00	78.04 3.79 0.00	73.61 3.51 0.00	68.38 3.44 0.00	57.31 2.52 0.00	50.30 2.71 0.00	45.13 2.47 0.00	42.88 1.92 0.00
BARRETT_IC_8 23711	41.16 2.37 0.00	37.57 1.82 0.00	36.55 1.64 0.00	35.59 1.50 0.00	36.62 1.64 0.00	39.87 1.72 0.00	47.32 2.38 0.00	48.73 2.76 0.00	47.05 2.66 0.00	41.20 2.15 0.00	39.89 2.22 0.00	38.45 2.21 0.00	37.49 2.12 0.00	38.84 2.23 0.00	39.55 2.24 0.00	49.32 2.70 0.00	60.89 2.95 0.00	78.04 3.78 0.00	73.61 3.50 0.00	68.37 3.44 0.00	57.31 2.52 0.00	50.30 2.71 0.00	45.13 2.47 0.00	42.88 1.93 0.00
BARRETT_IC_9 23700	41.16 2.37 0.00	37.57 1.82 0.00	36.55 1.64 0.00	35.59 1.50 0.00	36.62 1.64 0.00	39.87 1.72 0.00	47.32 2.38 0.00	48.73 2.76 0.00	47.05 2.66 0.00	41.20 2.15 0.00	39.89 2.22 0.00	38.45 2.21 0.00	37.49 2.12 0.00	38.84 2.23 0.00	39.55 2.24 0.00	49.32 2.70 0.00	60.89 2.95 0.00	78.04 3.78 0.00	73.61 3.50 0.00	68.37 3.44 0.00	57.31 2.52 0.00	50.30 2.71 0.00	45.13 2.47 0.00	42.88 1.93 0.00
BARRETT___1 23545	41.16 2.37 0.00	37.57 1.82 0.00	36.55 1.64 0.00	35.59 1.50 0.00	36.62 1.64 0.00	39.87 1.72 0.00	47.32 2.38 0.00	48.73 2.76 0.00	47.05 2.66 0.00	41.20 2.15 0.00	39.89 2.22 0.00	38.45 2.21 0.00	37.49 2.12 0.00	38.84 2.23 0.00	39.55 2.24 0.00	49.32 2.70 0.00	60.89 2.95 0.00	78.04 3.78 0.00	73.61 3.50 0.00	68.37 3.44 0.00	57.31 2.52 0.00	50.30 2.71 0.00	45.13 2.47 0.00	42.88 1.93 0.00
BARRETT___2 23546	41.16 2.37 0.00	37.57 1.82 0.00	36.55 1.64 0.00	35.59 1.50 0.00	36.62 1.64 0.00	39.87 1.72 0.00	47.32 2.38 0.00	48.73 2.76 0.00	47.05 2.66 0.00	41.20 2.15 0.00	39.89 2.22 0.00	38.45 2.21 0.00	37.49 2.12 0.00	38.84 2.23 0.00	39.55 2.24 0.00	49.32 2.70 0.00	60.89 2.95 0.00	78.04 3.78 0.00	73.61 3.50 0.00	68.37 3.44 0.00	57.31 2.52 0.00	50.30 2.71 0.00	45.13 2.47 0.00	42.88 1.93 0.00
BATAVIA___115KV_TB1 55881	36.89 -1.90 0.00	34.67 -1.07 0.00	34.03 -0.87 0.00	33.82 -0.27 0.00	34.24 -0.73 0.00	37.04 -1.11 0.00	43.41 -1.53 0.00	43.58 -2.39 0.00	42.30 -2.09 0.00	37.53 -1.52 0.00	36.39 -1.28 0.00	35.27 -0.98 0.00	34.48 -0.88 0.00	35.54 -1.06 0.00	35.96 -1.34 0.00	44.75 -1.86 0.00	54.87 -3.07 0.00	71.66 -2.60 0.00	67.44 -2.66 0.00	61.75 -3.18 0.00	51.99 -2.79 0.00	45.50 -2.09 0.00	40.78 -1.88 0.00	39.24 -1.72 0.00
BAYONEEC___CTG1 323682	41.12 2.33 0.00	37.71 1.96 0.00	36.75 1.85 0.00	35.83 1.74 0.00	36.75 1.78 0.00	40.06 1.91 0.00	47.41 2.47 0.00	48.82 2.85 0.00	47.05 2.66 0.00	41.40 2.34 0.00	40.06 2.37 -0.01	38.69 2.43 -0.01	37.71 2.33 -0.01	39.00 2.38 -0.01	39.63 2.31 -0.01	49.18 2.56 0.00	60.89 2.95 0.00	77.60 3.34 0.00	73.12 3.01 0.00	67.99 3.05 0.00	57.31 2.52 0.00	49.97 2.38 0.00	44.75 2.09 0.00	42.68 1.72 0.00
BAYONEEC___CTG10 323750	41.12 2.33 0.00	37.71 1.96 0.00	36.75 1.85 0.00	35.83 1.74 0.00	36.75 1.78 0.00	40.06 1.91 0.00	47.41 2.47 0.00	48.82 2.85 0.00	47.05 2.66 0.00	41.40 2.34 0.00	40.06 2.37 -0.01	38.69 2.43 -0.01	37.71 2.33 -0.01	39.00 2.38 -0.01	39.63 2.31 -0.01	49.18 2.56 0.00	60.89 2.95 0.00	77.60 3.34 0.00	73.12 3.01 0.00	67.99 3.05 0.00	57.31 2.52 0.00	49.97 2.38 0.00	44.75 2.09 0.00	42.68 1.72 0.00
BAYONEEC___CTG2 323683	41.12 2.33 0.00	37.71 1.96 0.00	36.75 1.85 0.00	35.83 1.74 0.00	36.75 1.78 0.00	40.06 1.91 0.00	47.41 2.47 0.00	48.82 2.85 0.00	47.05 2.66 0.00	41.40 2.34 0.00	40.06 2.37 -0.01	38.69 2.43 -0.01	37.71 2.33 -0.01	39.00 2.38 -0.01	39.63 2.31 -0.01	49.18 2.56 0.00	60.89 2.95 0.00	77.60 3.34 0.00	73.12 3.01 0.00	67.99 3.05 0.00	57.31 2.52 0.00	49.97 2.38 0.00	44.75 2.09 0.00	42.68 1.72 0.00
BAYONEEC___CTG3 323684	41.12 2.33 0.00	37.71 1.96 0.00	36.75 1.85 0.00	35.83 1.74 0.00	36.75 1.78 0.00	40.06 1.91 0.00	47.41 2.47 0.00	48.82 2.85 0.00	47.05 2.66 0.00	41.40 2.34 0.00	40.06 2.37 -0.01	38.69 2.43 -0.01	37.71 2.33 -0.01	39.00 2.38 -0.01	39.63 2.31 -0.01	49.18 2.56 0.00	60.89 2.95 0.00	77.60 3.34 0.00	73.12 3.01 0.00	67.99 3.05 0.00	57.31 2.52 0.00	49.97 2.38 0.00	44.75 2.09 0.00	42.68 1.72 0.00
BAYONEEC___CTG4 323685	41.12 2.33 0.00	37.71 1.96 0.00	36.75 1.85 0.00	35.83 1.74 0.00	36.75 1.78 0.00	40.06 1.91 0.00	47.41 2.47 0.00	48.82 2.85 0.00	47.05 2.66 0.00	41.40 2.34 0.00	40.06 2.37 -0.01	38.69 2.43 -0.01	37.71 2.33 -0.01	39.00 2.38 -0.01	39.63 2.31 -0.01	49.18 2.56 0.00	60.89 2.95 0.00	77.60 3.34 0.00	73.12 3.01 0.00	67.99 3.05 0.00	57.31 2.52 0.00	49.97 2.38 0.00	44.75 2.09 0.00	42.68 1.72 0.00
BAYONEEC___CTG5 323686	41.12 2.33 0.00	37.71 1.96 0.00	36.75 1.85 0.00	35.83 1.74 0.00	36.75 1.78 0.00	40.06 1.91 0.00	47.41 2.47 0.00	48.82 2.85 0.00	47.05 2.66 0.00	41.40 2.34 0.00	40.06 2.37 -0.01	38.69 2.43 -0.01	37.71 2.33 -0.01	39.00 2.38 -0.01	39.63 2.31 -0.01	49.18 2.56 0.00	60.89 2.95 0.00	77.60 3.34 0.00	73.12 3.01 0.00	67.99 3.05 0.00	57.31 2.52 0.00	49.97 2.38 0.00	44.75 2.09 0.00	42.68 1.72 0.00
BAYONEEC___CTG6 323687	41.12 2.33 0.00	37.71 1.96 0.00	36.75 1.85 0.00	35.83 1.74 0.00	36.75 1.78 0.00	40.06 1.91 0.00	47.41 2.47 0.00	48.82 2.85 0.00	47.05 2.66 0.00	41.40 2.34 0.00	40.06 2.37 -0.01	38.69 2.43 -0.01	37.71 2.33 -0.01	39.00 2.38 -0.01	39.63 2.31 -0.01	49.18 2.56 0.00	60.89 2.95 0.00	77.60 3.34 0.00	73.12 3.01 0.00	67.99 3.05 0.00	57.31 2.52 0.00	49.97 2.38 0.00	44.75 2.09 0.00	42.68 1.72 0.00
BAYONEEC___CTG7 323688	41.12 2.33 0.00	37.71 1.96 0.00	36.75 1.85 0.00	35.83 1.74 0.00	36.75 1.78 0.00	40.06 1.91 0.00	47.41 2.47 0.00	48.82 2.85 0.00	47.05 2.66 0.00	41.40 2.34 0.00	40.06 2.37 -0.01	38.69 2.43 -0.01	37.71 2.33 -0.01	39.00 2.38 -0.01	39.63 2.31 -0.01	49.18 2.56 0.00	60.89 2.95 0.00	77.60 3.34 0.00	73.12 3.01 0.00	67.99 3.05 0.00	57.31 2.52 0.00	49.97 2.38 0.00	44.75 2.09 0.00	42.68 1.72 0.00

BAYONEEC___CTG8 323689	41.12 2.33 0.00	37.71 1.96 0.00	36.75 1.85 0.00	35.83 1.74 0.00	36.75 1.78 0.00	40.06 1.91 0.00	47.41 2.47 0.00	48.82 2.85 0.00	47.05 2.66 0.00	41.40 2.34 0.00	40.06 2.37 -0.01	38.69 2.43 -0.01	37.71 2.33 -0.01	39.00 2.38 -0.01	39.63 2.31 -0.01	49.18 2.56 0.00	60.89 2.95 0.00	77.60 3.34 0.00	73.12 3.01 0.00	67.99 3.05 0.00	57.31 2.52 0.00	49.97 2.38 0.00	44.75 2.09 0.00	42.68 1.72 0.00
BAYONEEC___CTG9 323749	41.12 2.33 0.00	37.71 1.96 0.00	36.75 1.85 0.00	35.83 1.74 0.00	36.75 1.78 0.00	40.06 1.91 0.00	47.41 2.47 0.00	48.82 2.85 0.00	47.05 2.66 0.00	41.40 2.34 0.00	40.06 2.37 -0.01	38.69 2.43 -0.01	37.71 2.33 -0.01	39.00 2.38 -0.01	39.63 2.31 -0.01	49.18 2.56 0.00	60.89 2.95 0.00	77.60 3.34 0.00	73.12 3.01 0.00	67.99 3.05 0.00	57.31 2.52 0.00	49.97 2.38 0.00	44.75 2.09 0.00	42.68 1.72 0.00
BEACON___LESR 323632	39.95 1.16 0.00	36.78 1.04 0.00	35.85 0.94 0.00	35.12 1.02 0.00	35.92 0.94 0.00	39.26 1.11 0.00	46.15 1.21 0.00	47.17 1.19 0.00	45.45 1.06 0.00	39.76 0.70 0.00	38.35 0.68 0.00	36.75 0.51 0.00	35.83 0.46 0.00	37.16 0.55 0.00	37.90 0.60 0.00	47.55 0.93 0.00	59.10 1.16 0.00	75.44 1.18 0.00	71.37 1.26 0.00	66.30 1.37 0.00	55.78 0.99 0.00	48.31 0.71 0.00	43.42 0.77 0.00	41.78 0.82 0.00
BEAVER RIVER___HYD 24048	38.56 -0.23 0.00	35.50 -0.25 0.00	34.73 -0.17 0.00	33.75 -0.34 0.00	34.66 -0.32 0.00	37.73 -0.42 0.00	44.45 -0.49 0.00	45.47 -0.50 0.00	43.95 -0.44 0.00	38.55 -0.51 0.00	37.15 -0.53 0.00	35.70 -0.54 0.00	34.84 -0.53 0.00	36.02 -0.59 0.00	36.79 -0.52 0.00	46.34 -0.28 0.00	58.06 0.12 0.00	74.85 0.59 0.00	71.30 1.19 0.00	66.36 1.43 0.00	55.78 0.99 0.00	48.40 0.81 0.00	43.34 0.68 0.00	41.49 0.53 0.00
BEEBEE_GT_13 23619	37.39 -1.40 0.00	34.93 -0.82 0.00	34.21 -0.70 0.00	33.65 -0.44 0.00	34.34 -0.63 0.00	37.27 -0.88 0.00	43.64 -1.30 0.00	44.09 -1.88 0.00	42.79 -1.60 0.00	37.92 -1.13 0.00	36.77 -0.90 0.00	35.52 -0.72 0.00	34.77 -0.60 0.00	35.84 -0.77 0.00	36.38 -0.93 0.00	45.27 -1.35 0.00	55.62 -2.32 0.00	72.18 -2.08 0.00	67.93 -2.17 0.00	62.47 -2.47 0.00	52.60 -2.19 0.00	45.93 -1.67 0.00	41.16 -1.49 0.00	39.56 -1.39 0.00
BENSHRST_27_KV_BENSHRST_1 355998	41.51 2.72 -0.01	38.08 2.32 -0.01	37.08 2.16 -0.01	36.22 2.11 -0.01	37.11 2.13 -0.01	40.32 2.17 0.00	47.77 2.83 0.00	49.01 3.03 0.00	47.19 2.80 0.00	41.56 2.50 0.00	40.21 2.52 -0.02	38.91 2.65 -0.02	37.93 2.55 -0.02	39.22 2.60 -0.02	39.86 2.54 -0.02	49.32 2.70 0.00	60.61 2.67 0.00	77.59 3.34 0.01	73.18 3.08 0.01	67.85 2.92 0.01	57.20 2.41 0.00	50.35 2.76 0.00	45.26 2.60 0.00	43.25 2.29 0.00
BETHLEHEM___GRP 23843	39.33 0.54 0.00	36.18 0.43 0.00	35.25 0.35 0.00	34.47 0.38 0.00	35.36 0.38 0.00	38.65 0.50 0.00	45.48 0.54 0.00	46.52 0.55 0.00	44.88 0.49 0.00	39.29 0.23 0.00	37.94 0.26 0.00	36.46 0.22 0.00	35.55 0.18 0.00	36.79 0.18 0.00	37.57 0.26 0.00	46.99 0.37 0.00	58.29 0.35 0.00	74.40 0.15 0.00	70.32 0.21 0.00	65.32 0.39 0.00	55.06 0.27 0.00	47.69 0.10 0.00	42.83 0.17 0.00	41.33 0.37 0.00
BETHLEHEM___GS1 323560	39.45 0.66 0.00	36.32 0.57 0.00	35.39 0.49 0.00	34.67 0.58 0.00	35.50 0.53 0.00	38.76 0.61 0.00	45.57 0.63 0.00	46.53 0.55 0.00	44.88 0.49 0.00	39.29 0.24 0.00	37.94 0.27 0.00	36.43 0.18 0.00	35.55 0.18 0.00	36.79 0.18 0.00	37.57 0.26 0.00	46.99 0.37 0.00	58.29 0.35 0.00	74.40 0.15 0.00	70.32 0.21 0.00	65.33 0.39 0.00	55.06 0.28 0.00	47.69 0.10 0.00	42.87 0.21 0.00	41.28 0.33 0.00
BETHLEHEM___GS2 323561	39.45 0.66 0.00	36.32 0.57 0.00	35.39 0.49 0.00	34.67 0.58 0.00	35.50 0.53 0.00	38.76 0.61 0.00	45.57 0.63 0.00	46.53 0.55 0.00	44.88 0.49 0.00	39.29 0.24 0.00	37.94 0.27 0.00	36.43 0.18 0.00	35.55 0.18 0.00	36.79 0.18 0.00	37.57 0.26 0.00	46.99 0.37 0.00	58.29 0.35 0.00	74.40 0.15 0.00	70.32 0.21 0.00	65.33 0.39 0.00	55.06 0.28 0.00	47.69 0.10 0.00	42.87 0.21 0.00	41.28 0.33 0.00
BETHLEHEM___GS3 323562	39.45 0.66 0.00	36.32 0.57 0.00	35.39 0.49 0.00	34.67 0.58 0.00	35.50 0.53 0.00	38.76 0.61 0.00	45.57 0.63 0.00	46.53 0.55 0.00	44.88 0.49 0.00	39.29 0.24 0.00	37.94 0.27 0.00	36.43 0.18 0.00	35.55 0.18 0.00	36.79 0.18 0.00	37.57 0.26 0.00	46.99 0.37 0.00	58.29 0.35 0.00	74.40 0.15 0.00	70.32 0.21 0.00	65.33 0.39 0.00	55.06 0.28 0.00	47.69 0.10 0.00	42.87 0.21 0.00	41.28 0.33 0.00
BETHLEHEM___STEEL 23779	35.92 -2.87 0.00	33.96 -1.79 0.00	33.33 -1.57 0.00	33.07 -1.02 0.00	33.64 -1.33 0.00	36.32 -1.83 0.00	42.60 -2.34 0.00	42.94 -3.03 0.00	41.51 -2.89 0.00	37.02 -2.03 0.00	35.94 -1.73 0.00	34.98 -1.27 0.00	34.17 -1.20 0.00	35.32 -1.28 0.00	35.67 -1.64 0.00	44.29 -2.33 0.00	54.06 -3.88 0.00	70.39 -3.86 0.00	66.11 -4.00 0.00	60.45 -4.48 0.00	51.01 -3.78 0.00	44.55 -3.05 0.00	40.01 -2.64 0.00	38.58 -2.38 0.00
BETHLHEM_115KV_TB1 79974	39.37 0.58 0.00	36.21 0.46 0.00	35.29 0.38 0.00	34.50 0.41 0.00	35.39 0.42 0.00	38.68 0.53 0.00	45.57 0.63 0.00	46.62 0.64 0.00	44.97 0.58 0.00	39.37 0.31 0.00	38.01 0.34 0.00	36.50 0.25 0.00	35.58 0.21 0.00	36.86 0.26 0.00	37.61 0.30 0.00	47.08 0.47 0.00	58.35 0.41 0.00	74.55 0.30 0.00	70.46 0.35 0.00	65.45 0.52 0.00	55.12 0.33 0.00	47.78 0.19 0.00	42.91 0.26 0.00	41.37 0.41 0.00
BETHPAGE_CC_5 323564	41.35 2.56 0.00	37.71 1.96 0.00	36.68 1.78 0.00	35.70 1.60 0.00	36.72 1.75 0.00	39.98 1.83 0.00	47.50 2.56 0.00	48.92 2.94 0.00	47.27 2.88 0.00	41.40 2.34 0.00	40.12 2.45 0.00	38.67 2.43 0.00	37.70 2.33 0.00	39.06 2.45 0.00	39.77 2.46 0.00	49.74 3.12 0.00	61.48 3.53 0.00	78.94 4.68 0.00	74.45 4.35 0.00	69.15 4.22 0.00	57.91 3.12 0.00	50.78 3.19 0.00	45.43 2.77 0.00	43.13 2.17 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	35.88 -2.91 0.00	33.92 -1.82 0.00	33.30 -1.61 0.00	33.04 -1.06 0.00	33.61 -1.36 0.00	36.28 -1.87 0.00	42.60 -2.34 0.00	42.98 -2.99 0.00	41.55 -2.84 0.00	37.06 -1.99 0.00	35.98 -1.70 0.00	35.01 -1.23 0.00	34.24 -1.13 0.00	35.40 -1.21 0.00	35.70 -1.60 0.00	44.38 -2.24 0.00	54.18 -3.77 0.00	70.47 -3.79 0.00	66.25 -3.86 0.00	60.52 -4.42 0.00	51.12 -3.67 0.00	44.59 -3.00 0.00	40.05 -2.60 0.00	38.58 -2.38 0.00
BINGHAMTON___COGEN 23790	38.63 -0.16 0.00	35.75 0.00 0.00	34.94 0.03 0.00	34.23 0.14 0.00	35.04 0.07 0.00	38.19 0.04 0.00	44.94 0.00 0.00	45.88 -0.09 0.00	44.43 0.04 0.00	39.13 0.08 0.00	37.82 0.15 0.00	36.50 0.25 0.00	35.58 0.21 0.00	36.75 0.15 0.00	37.42 0.11 0.00	46.71 0.09 0.00	57.65 -0.29 0.00	74.18 -0.07 0.00	69.89 -0.21 0.00	64.61 -0.32 0.00	54.46 -0.33 0.00	47.40 -0.19 0.00	42.48 -0.17 0.00	40.71 -0.25 0.00

BIXINCNT_115KV_LOAD 355685	34.68 -4.11 0.00	32.99 -2.75 0.00	32.46 -2.44 0.00	32.25 -1.84 0.00	32.94 -2.03 0.00	35.71 -2.44 0.00	42.20 -2.74 0.00	42.85 -3.13 0.00	41.42 -2.97 0.00	36.95 -2.11 0.00	35.94 -1.73 0.00	35.01 -1.23 0.00	34.17 -1.20 0.00	35.32 -1.28 0.00	35.70 -1.60 0.00	44.47 -2.14 0.00	54.35 -3.59 0.00	70.99 -3.27 0.00	66.67 -3.44 0.00	60.84 -4.09 0.00	51.39 -3.40 0.00	44.83 -2.76 0.00	40.18 -2.47 0.00	38.66 -2.29 0.00
BLACK RIVER___HYD 24047	38.67 -0.12 0.00	35.60 -0.14 0.00	34.87 -0.03 0.00	33.82 -0.27 0.00	34.73 -0.24 0.00	37.84 -0.31 0.00	44.45 -0.49 0.00	45.42 -0.55 0.00	43.95 -0.44 0.00	38.51 -0.55 0.00	37.00 -0.68 0.00	35.48 -0.76 0.00	34.59 -0.78 0.00	35.73 -0.88 0.00	36.52 -0.79 0.00	46.06 -0.56 0.00	57.77 -0.17 0.00	74.78 0.52 0.00	71.09 0.98 0.00	66.30 1.37 0.00	55.61 0.82 0.00	48.31 0.71 0.00	43.17 0.51 0.00	41.32 0.37 0.00
BLACKRVR_115KV_TB2 79977	38.75 -0.04 0.00	35.68 -0.07 0.00	34.94 0.03 0.00	33.89 -0.20 0.00	34.80 -0.17 0.00	37.92 -0.23 0.00	44.49 -0.45 0.00	45.42 -0.55 0.00	43.95 -0.44 0.00	38.51 -0.55 0.00	36.99 -0.68 0.00	35.48 -0.76 0.00	34.59 -0.78 0.00	35.73 -0.88 0.00	36.52 -0.78 0.00	46.06 -0.56 0.00	57.77 -0.17 0.00	74.78 0.52 0.00	71.09 0.98 0.00	66.30 1.36 0.00	55.61 0.82 0.00	48.31 0.71 0.00	43.17 0.51 0.00	41.33 0.37 0.00
BLDWN_LI_69_KV_BK4 356085	41.23 2.44 0.00	37.64 1.89 0.00	36.58 1.68 0.00	35.66 1.57 0.00	36.61 1.64 0.00	39.87 1.72 0.00	47.50 2.56 0.00	48.96 2.99 0.00	47.28 2.89 0.00	41.44 2.38 0.00	40.16 2.49 0.00	38.71 2.46 0.00	37.70 2.33 0.00	39.09 2.49 0.00	39.81 2.50 0.00	49.70 3.08 0.00	61.42 3.48 0.00	78.86 4.60 0.00	74.45 4.35 0.00	69.09 4.16 0.00	57.91 3.12 0.00	50.78 3.19 0.00	45.43 2.77 0.00	43.17 2.21 0.00
BLISS_WT_PWR 323608	34.76 -4.04 0.00	32.78 -2.97 0.00	32.18 -2.72 0.00	31.81 -2.28 0.00	32.94 -2.03 0.00	36.05 -2.10 0.00	42.11 -2.83 0.00	42.66 -3.31 0.00	41.33 -3.06 0.00	36.87 -2.19 0.00	35.90 -1.77 0.00	34.94 -1.30 0.00	34.10 -1.27 0.00	35.29 -1.32 0.00	35.70 -1.60 0.00	44.47 -2.14 0.00	54.18 -3.77 0.00	71.06 -3.19 0.00	66.74 -3.36 0.00	60.91 -4.03 0.00	51.44 -3.34 0.00	44.83 -2.76 0.00	40.18 -2.48 0.00	38.74 -2.21 0.00
BLUESTONE___WT_PWR 323821	39.99 1.20 0.00	36.86 1.11 0.00	36.09 1.19 0.00	35.18 1.09 0.00	36.16 1.19 0.00	39.48 1.33 0.00	46.38 1.44 0.00	48.36 2.39 0.00	46.87 2.48 0.00	41.16 2.11 0.00	39.63 1.96 0.00	38.16 1.92 0.00	37.21 1.84 0.00	38.40 1.79 0.00	39.32 2.01 0.00	49.60 2.99 0.00	61.71 3.76 0.00	79.75 5.49 0.00	75.08 4.98 0.00	69.93 5.00 0.00	58.57 3.78 0.00	50.87 3.28 0.00	45.47 2.81 0.00	43.33 2.37 0.00
BLUE_CIRC_CHEM_DRP 24182	39.72 0.93 0.00	36.57 0.82 0.00	35.64 0.73 0.00	34.84 0.75 0.00	35.74 0.77 0.00	39.07 0.92 0.00	45.97 1.03 0.00	47.03 1.06 0.00	45.23 0.84 0.00	39.60 0.55 0.00	38.16 0.49 0.00	36.64 0.40 0.00	35.72 0.35 0.00	37.01 0.40 0.00	37.79 0.49 0.00	47.41 0.79 0.00	58.93 0.99 0.00	75.37 1.11 0.00	71.16 1.05 0.00	66.17 1.23 0.00	55.67 0.88 0.00	48.31 0.71 0.00	43.34 0.68 0.00	41.69 0.74 0.00
BOC_GAS_DRP 24189	39.41 0.62 0.00	36.25 0.50 0.00	35.36 0.45 0.00	34.54 0.44 0.00	35.46 0.49 0.00	38.72 0.57 0.00	45.66 0.72 0.00	46.75 0.78 0.00	45.06 0.67 0.00	39.52 0.47 0.00	38.12 0.45 0.00	36.68 0.43 0.00	35.76 0.39 0.00	37.01 0.40 0.00	37.76 0.45 0.00	47.22 0.61 0.00	58.58 0.64 0.00	74.85 0.59 0.00	70.74 0.63 0.00	65.65 0.71 0.00	55.34 0.55 0.00	47.97 0.38 0.00	43.04 0.38 0.00	41.41 0.45 0.00
BOONVILLE_115KV_TB1 79983	39.14 0.35 0.00	36.07 0.32 0.00	35.25 0.35 0.00	34.33 0.24 0.00	35.25 0.28 0.00	38.45 0.31 0.00	45.26 0.31 0.00	46.25 0.28 0.00	44.75 0.36 0.00	39.29 0.23 0.00	37.82 0.15 0.00	36.39 0.14 0.00	35.51 0.14 0.00	36.68 0.07 0.00	37.46 0.15 0.00	47.08 0.47 0.00	58.69 0.75 0.00	75.52 1.26 0.00	71.58 1.47 0.00	66.49 1.56 0.00	55.94 1.15 0.00	48.54 0.95 0.00	43.47 0.81 0.00	41.65 0.70 0.00
BORALEX_4TH_BRANCH 23824	40.26 1.47 0.00	36.86 1.11 0.00	35.92 1.01 0.00	35.08 0.99 0.00	36.13 1.15 0.00	39.75 1.60 0.00	46.87 1.93 0.00	47.99 2.02 0.00	46.08 1.69 0.00	40.07 1.02 0.00	38.43 0.75 0.00	36.75 0.51 0.00	35.83 0.46 0.00	37.08 0.48 0.00	38.02 0.71 0.00	48.02 1.40 0.00	59.68 1.74 0.00	76.26 2.00 0.00	72.28 2.17 0.00	66.95 2.01 0.00	56.54 1.75 0.00	48.54 0.95 0.00	43.55 0.90 0.00	42.35 1.39 0.00
BOWLINE___1 23526	40.61 1.82 0.00	37.28 1.54 0.00	36.34 1.43 0.00	35.42 1.33 0.00	36.37 1.40 0.00	39.68 1.53 0.00	46.92 1.98 0.00	48.18 2.21 0.00	46.43 2.04 0.00	40.85 1.80 0.00	39.48 1.81 0.00	38.09 1.85 0.00	37.14 1.77 0.00	38.44 1.83 0.00	39.06 1.75 0.00	48.58 1.96 0.00	60.26 2.32 0.00	76.92 2.67 0.00	72.56 2.45 0.00	67.34 2.40 0.00	56.71 1.92 0.00	49.45 1.85 0.00	44.23 1.58 0.00	42.23 1.27 0.00
BOWLINE___2 23595	40.61 1.82 0.00	37.25 1.50 0.00	36.34 1.43 0.00	35.42 1.33 0.00	36.37 1.40 0.00	39.64 1.49 0.00	46.92 1.98 0.00	48.18 2.21 0.00	46.39 2.00 0.00	40.85 1.80 0.00	39.48 1.81 0.00	38.09 1.85 0.00	37.14 1.77 0.00	38.40 1.79 0.00	39.06 1.75 0.00	48.58 1.96 0.00	60.26 2.32 0.00	76.92 2.67 0.00	72.56 2.45 0.00	67.34 2.40 0.00	56.71 1.92 0.00	49.45 1.85 0.00	44.23 1.58 0.00	42.23 1.27 0.00
BRADY___115KV_TB2 356060	39.60 0.81 0.00	36.46 0.71 0.00	35.71 0.80 0.00	34.67 0.58 0.00	35.60 0.63 0.00	38.87 0.72 0.00	45.93 0.99 0.00	47.08 1.10 0.00	45.50 1.11 0.00	40.03 0.98 0.00	38.43 0.75 0.00	36.86 0.62 0.00	36.08 0.71 0.00	37.41 0.81 0.00	38.09 0.78 0.00	47.78 1.17 0.00	59.91 1.97 0.00	77.00 2.75 0.00	72.91 2.80 0.00	67.53 2.60 0.00	57.20 2.41 0.00	49.64 2.05 0.00	44.36 1.71 0.00	42.55 1.60 0.00
BRANSCOMB___SOLAR 323811	40.26 1.47 0.00	37.07 1.32 0.00	36.09 1.19 0.00	35.36 1.26 0.00	36.16 1.19 0.00	39.64 1.49 0.00	46.56 1.62 0.00	47.62 1.65 0.00	45.68 1.29 0.00	39.84 0.78 0.00	38.31 0.64 0.00	36.64 0.40 0.00	35.62 0.25 0.00	36.97 0.37 0.00	37.76 0.45 0.00	47.60 0.98 0.00	59.51 1.57 0.00	76.18 1.93 0.00	72.06 1.96 0.00	66.95 2.02 0.00	56.32 1.53 0.00	48.73 1.14 0.00	43.76 1.11 0.00	42.10 1.15 0.00
BRDGHMPT_69_KV_BK1 55812	41.31 2.52 0.00	37.61 1.86 0.00	36.51 1.61 0.00	35.56 1.47 0.00	36.54 1.57 0.00	39.79 1.64 0.00	47.19 2.25 0.00	48.78 2.80 0.00	47.19 2.80 0.00	41.24 2.19 0.00	40.08 2.41 0.00	38.82 2.57 0.00	37.84 2.48 0.00	39.31 2.71 0.00	40.07 2.76 0.00	50.39 3.78 0.00	62.52 4.58 0.00	80.86 6.61 0.00	76.41 6.31 0.00	70.78 5.84 0.00	58.95 4.16 0.00	51.87 4.28 0.00	46.32 3.67 0.00	44.03 3.07 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	41.51 2.72 0.00	37.82 2.07 0.00	36.75 1.85 0.00	35.80 1.70 0.00	36.79 1.82 0.00	40.06 1.91 0.00	47.77 2.83 0.00	49.28 3.31 0.00	47.59 3.20 0.00	41.59 2.54 0.00	40.31 2.64 0.00	38.82 2.57 0.00	37.84 2.48 0.00	39.24 2.64 0.00	39.96 2.65 0.00	50.07 3.45 0.00	61.82 3.88 0.00	79.60 5.35 0.00	75.08 4.98 0.00	69.74 4.81 0.00	58.30 3.51 0.00	51.16 3.57 0.00	45.81 3.16 0.00	43.46 2.50 0.00
BRISTLHL_115KV_TB1 79998	37.90 -0.89 0.00	35.00 -0.75 0.00	34.21 -0.70 0.00	33.45 -0.65 0.00	34.27 -0.70 0.00	37.35 -0.80 0.00	43.73 -1.21 0.00	44.64 -1.33 0.00	43.10 -1.29 0.00	37.96 -1.09 0.00	36.66 -1.02 0.00	35.30 -0.94 0.00	34.41 -0.95 0.00	35.54 -1.06 0.00	36.23 -1.08 0.00	45.17 -1.45 0.00	56.15 -1.80 0.00	72.10 -2.15 0.00	68.00 -2.10 0.00	62.99 -1.95 0.00	53.04 -1.75 0.00	46.12 -1.48 0.00	41.38 -1.28 0.00	39.73 -1.23 0.00
BROOKHAVEN___DRP 24191	41.23 2.44 0.00	37.57 1.82 0.00	36.48 1.57 0.00	35.53 1.43 0.00	36.51 1.54 0.00	39.75 1.60 0.00	47.37 2.43 0.00	48.87 2.90 0.00	47.28 2.89 0.00	41.28 2.23 0.00	40.05 2.37 0.00	38.67 2.43 0.00	37.70 2.33 0.00	39.09 2.49 0.00	39.77 2.46 0.00	49.93 3.31 0.00	61.71 3.77 0.00	79.53 5.27 0.00	75.08 4.98 0.00	69.67 4.74 0.00	58.19 3.40 0.00	51.16 3.57 0.00	45.73 3.07 0.00	43.37 2.42 0.00
BROOKLYN_NAVY_YARD 23515	41.12 2.33 0.00	37.68 1.93 0.00	36.75 1.85 0.00	35.83 1.74 0.00	36.75 1.78 0.00	40.06 1.91 0.00	47.46 2.52 0.00	48.82 2.85 0.00	47.05 2.66 0.00	41.44 2.38 0.00	40.10 2.41 -0.01	38.72 2.47 -0.01	37.75 2.37 -0.01	39.03 2.42 -0.01	39.67 2.35 -0.01	49.18 2.56 0.00	60.95 3.01 0.00	77.67 3.42 0.00	73.26 3.16 0.00	68.12 3.18 0.00	57.36 2.58 0.00	50.02 2.43 0.00	44.79 2.13 0.00	42.68 1.72 0.00
BROOKLYN___ARMY_DRP 323595	41.36 2.56 -0.01	37.97 2.22 -0.01	36.97 2.06 -0.01	36.11 2.01 -0.01	37.01 2.03 -0.01	40.21 2.06 0.00	47.59 2.65 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.72 2.46 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.14 2.52 0.00	60.37 2.43 0.00	77.29 3.04 0.01	72.90 2.80 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.13 2.47 0.00	43.09 2.13 0.00
BROOME_2_LFGE 323671	38.71 -0.08 0.00	35.75 0.00 0.00	34.90 0.00 0.00	34.16 0.07 0.00	35.08 0.11 0.00	38.26 0.11 0.00	44.94 0.00 0.00	45.88 -0.09 0.00	44.44 0.04 0.00	39.13 0.08 0.00	37.82 0.15 0.00	36.50 0.26 0.00	35.62 0.25 0.00	36.75 0.15 0.00	37.42 0.11 0.00	46.71 0.09 0.00	57.65 -0.29 0.00	74.18 -0.07 0.00	69.90 -0.21 0.00	64.61 -0.32 0.00	54.46 -0.33 0.00	47.40 -0.19 0.00	42.44 -0.21 0.00	40.75 -0.20 0.00
BROOME___LFGE 323600	38.71 -0.08 0.00	35.75 0.00 0.00	34.90 0.00 0.00	34.16 0.07 0.00	35.08 0.11 0.00	38.26 0.11 0.00	44.94 0.00 0.00	45.88 -0.09 0.00	44.44 0.04 0.00	39.13 0.08 0.00	37.82 0.15 0.00	36.50 0.26 0.00	35.62 0.25 0.00	36.75 0.15 0.00	37.42 0.11 0.00	46.71 0.09 0.00	57.65 -0.29 0.00	74.18 -0.07 0.00	69.90 -0.21 0.00	64.61 -0.32 0.00	54.46 -0.33 0.00	47.40 -0.19 0.00	42.44 -0.21 0.00	40.75 -0.20 0.00
BROWNFLS_115KV_TB_3_5 80003	38.71 -0.08 0.00	35.64 -0.11 0.00	34.90 0.00 0.00	33.89 -0.20 0.00	34.80 -0.17 0.00	37.96 -0.19 0.00	44.72 -0.22 0.00	45.83 -0.14 0.00	44.35 -0.04 0.00	38.98 -0.08 0.00	37.48 -0.19 0.00	35.99 -0.25 0.00	35.19 -0.18 0.00	36.42 -0.18 0.00	37.16 -0.15 0.00	46.71 0.09 0.00	58.52 0.58 0.00	75.30 1.04 0.00	71.51 1.40 0.00	66.43 1.49 0.00	56.05 1.26 0.00	48.64 1.05 0.00	43.51 0.85 0.00	41.65 0.70 0.00
BROWNSV1_27_KV_LOAD 356125	41.23 2.44 0.00	37.82 2.07 0.00	36.82 1.92 0.00	35.97 1.88 0.00	36.86 1.89 0.00	40.10 1.95 0.00	47.73 2.79 0.00	49.10 3.13 0.00	47.36 2.97 0.00	41.67 2.62 0.00	40.36 2.67 -0.01	38.98 2.72 -0.01	37.96 2.58 -0.01	39.29 2.67 -0.01	39.93 2.61 -0.01	49.51 2.89 0.00	61.24 3.30 0.00	78.19 3.94 0.00	73.75 3.65 0.00	68.51 3.57 0.00	57.69 2.90 0.00	50.35 2.76 0.00	45.09 2.43 0.00	42.96 2.01 0.00
BURROWS___LYONSDAL 23803	38.95 0.16 0.00	35.85 0.11 0.00	35.08 0.17 0.00	34.13 0.03 0.00	35.04 0.07 0.00	38.23 0.08 0.00	44.99 0.04 0.00	45.97 0.00 0.00	44.48 0.09 0.00	39.02 -0.04 0.00	37.60 -0.08 0.00	36.17 -0.07 0.00	35.30 -0.07 0.00	36.50 -0.11 0.00	37.27 -0.04 0.00	46.85 0.23 0.00	58.46 0.52 0.00	75.30 1.04 0.00	71.51 1.40 0.00	66.49 1.56 0.00	55.88 1.10 0.00	48.50 0.90 0.00	43.42 0.77 0.00	41.61 0.66 0.00
CAITHNESS_CC_1 323624	41.31 2.52 0.00	37.61 1.86 0.00	36.58 1.68 0.00	35.59 1.50 0.00	36.62 1.64 0.00	39.87 1.72 0.00	47.37 2.43 0.00	48.82 2.85 0.00	47.19 2.80 0.00	41.24 2.19 0.00	39.97 2.30 0.00	38.60 2.35 0.00	37.67 2.30 0.00	39.06 2.45 0.00	39.70 2.39 0.00	49.79 3.17 0.00	61.59 3.65 0.00	79.31 5.05 0.00	74.87 4.77 0.00	69.41 4.48 0.00	58.02 3.23 0.00	51.02 3.43 0.00	45.60 2.94 0.00	43.25 2.29 0.00
CALPINE BETH_PAGE_GT4 24209	41.12 2.33 0.00	37.50 1.75 0.00	36.48 1.57 0.00	35.53 1.43 0.00	36.51 1.54 0.00	39.71 1.56 0.00	47.37 2.43 0.00	48.82 2.85 0.00	47.19 2.80 0.00	41.32 2.27 0.00	40.05 2.37 0.00	38.60 2.36 0.00	37.63 2.26 0.00	38.98 2.38 0.00	39.69 2.39 0.00	49.60 2.98 0.00	61.30 3.36 0.00	78.79 4.53 0.00	74.31 4.21 0.00	68.96 4.03 0.00	57.80 3.01 0.00	50.64 3.05 0.00	45.30 2.64 0.00	43.05 2.09 0.00
CALPINE_BETH_PAGE_GT_4 323586	41.27 2.48 0.00	37.64 1.89 0.00	36.61 1.71 0.00	35.63 1.54 0.00	36.65 1.68 0.00	39.91 1.76 0.00	47.41 2.47 0.00	48.82 2.85 0.00	47.19 2.80 0.00	41.32 2.26 0.00	40.05 2.37 0.00	38.60 2.35 0.00	37.63 2.27 0.00	38.98 2.38 0.00	39.70 2.39 0.00	49.60 2.99 0.00	61.36 3.42 0.00	78.79 4.53 0.00	74.31 4.21 0.00	68.96 4.03 0.00	57.80 3.01 0.00	50.64 3.05 0.00	45.30 2.65 0.00	43.04 2.09 0.00
CALPINE_BP_GT1 23823	41.27 2.48 0.00	37.64 1.89 0.00	36.61 1.71 0.00	35.63 1.54 0.00	36.65 1.68 0.00	39.91 1.76 0.00	47.41 2.47 0.00	48.82 2.85 0.00	47.19 2.80 0.00	41.32 2.26 0.00	40.05 2.37 0.00	38.60 2.35 0.00	37.63 2.27 0.00	38.98 2.38 0.00	39.70 2.39 0.00	49.60 2.99 0.00	61.36 3.42 0.00	78.79 4.53 0.00	74.31 4.21 0.00	68.96 4.03 0.00	57.80 3.01 0.00	50.64 3.05 0.00	45.30 2.65 0.00	43.04 2.09 0.00
CALSPAN___DRP 24200	35.92 -2.87 0.00	33.96 -1.79 0.00	33.33 -1.57 0.00	33.07 -1.02 0.00	33.64 -1.33 0.00	36.32 -1.83 0.00	42.60 -2.34 0.00	42.94 -3.03 0.00	41.51 -2.89 0.00	37.02 -2.03 0.00	35.94 -1.73 0.00	34.98 -1.27 0.00	34.17 -1.20 0.00	35.32 -1.28 0.00	35.67 -1.64 0.00	44.29 -2.33 0.00	54.06 -3.88 0.00	70.39 -3.86 0.00	66.11 -4.00 0.00	60.45 -4.48 0.00	51.01 -3.78 0.00	44.55 -3.05 0.00	40.01 -2.64 0.00	38.58 -2.38 0.00

CALVERTON___SOLAR 323806	41.43 2.64 0.00	37.71 1.96 0.00	36.68 1.78 0.00	35.70 1.60 0.00	36.72 1.75 0.00	39.98 1.83 0.00	47.46 2.52 0.00	48.96 2.99 0.00	47.32 2.93 0.00	41.32 2.26 0.00	40.09 2.41 0.00	38.71 2.47 0.00	37.74 2.37 0.00	39.13 2.52 0.00	39.84 2.54 0.00	50.02 3.40 0.00	61.94 3.99 0.00	79.90 5.64 0.00	75.43 5.33 0.00	69.93 5.00 0.00	58.35 3.56 0.00	51.35 3.76 0.00	45.86 3.20 0.00	43.50 2.54 0.00
CANDIGU_WT_PWR 323617	36.39 -2.41 0.00	34.10 -1.64 0.00	33.44 -1.46 0.00	32.93 -1.16 0.00	33.89 -1.08 0.00	37.01 -1.14 0.00	43.10 -1.84 0.00	43.53 -2.44 0.00	42.13 -2.26 0.00	37.38 -1.68 0.00	36.20 -1.47 0.00	35.12 -1.12 0.00	34.31 -1.06 0.00	35.40 -1.21 0.00	35.89 -1.42 0.00	44.75 -1.87 0.00	54.70 -3.24 0.00	71.43 -2.82 0.00	67.16 -2.94 0.00	61.49 -3.44 0.00	51.94 -2.85 0.00	45.36 -2.24 0.00	40.61 -2.05 0.00	39.07 -1.88 0.00
CARR STREET_E_SYR 24060	38.09 -0.70 0.00	35.17 -0.57 0.00	34.38 -0.52 0.00	33.62 -0.48 0.00	34.48 -0.49 0.00	37.58 -0.57 0.00	44.13 -0.81 0.00	45.05 -0.92 0.00	43.73 -0.66 0.00	38.51 -0.55 0.00	37.22 -0.45 0.00	35.88 -0.36 0.00	34.98 -0.39 0.00	36.09 -0.51 0.00	36.79 -0.52 0.00	45.92 -0.70 0.00	56.61 -1.33 0.00	72.84 -1.41 0.00	68.63 -1.48 0.00	63.51 -1.43 0.00	53.53 -1.26 0.00	46.54 -1.05 0.00	41.76 -0.90 0.00	40.10 -0.86 0.00
CARTHAGE___PAPER 23857	38.64 -0.15 0.00	35.57 -0.18 0.00	34.80 -0.10 0.00	33.79 -0.31 0.00	34.69 -0.28 0.00	37.81 -0.34 0.00	44.49 -0.45 0.00	45.51 -0.46 0.00	43.99 -0.40 0.00	38.55 -0.51 0.00	37.07 -0.60 0.00	35.59 -0.65 0.00	34.70 -0.67 0.00	35.87 -0.73 0.00	36.67 -0.63 0.00	46.24 -0.37 0.00	58.00 0.06 0.00	74.92 0.67 0.00	71.37 1.26 0.00	66.49 1.56 0.00	55.83 1.04 0.00	48.45 0.86 0.00	43.34 0.68 0.00	41.49 0.53 0.00
CASSADAGA_WT_PWR 323784	35.88 -2.91 0.00	33.67 -2.07 0.00	33.02 -1.89 0.00	32.80 -1.30 0.00	33.89 -1.08 0.00	37.01 -1.14 0.00	43.41 -1.53 0.00	43.86 -2.11 0.00	42.39 -2.00 0.00	37.89 -1.17 0.00	36.84 -0.83 0.00	35.85 -0.40 0.00	35.05 -0.32 0.00	36.24 -0.37 0.00	36.60 -0.71 0.00	45.45 -1.16 0.00	55.22 -2.72 0.00	72.32 -1.93 0.00	68.00 -2.10 0.00	62.01 -2.92 0.00	52.32 -2.46 0.00	45.59 -2.00 0.00	40.87 -1.79 0.00	39.40 -1.56 0.00
CE_DUNWOOD___DRP 24194	40.65 1.86 0.00	37.32 1.57 0.00	36.34 1.43 0.00	35.46 1.36 0.00	36.37 1.40 0.00	39.60 1.45 0.00	47.05 2.11 0.00	48.36 2.39 0.00	46.61 2.22 0.00	41.01 1.95 0.00	39.67 2.00 0.00	38.27 2.03 0.00	37.31 1.95 0.00	38.58 1.98 0.00	39.25 1.94 0.00	48.81 2.19 0.00	60.43 2.49 0.00	77.23 2.97 0.00	72.84 2.73 0.00	67.66 2.73 0.00	56.93 2.14 0.00	49.64 2.05 0.00	44.45 1.79 0.00	42.39 1.43 0.00
CE_MILLWOOD___DRP 24193	40.57 1.78 0.00	37.25 1.50 0.00	36.30 1.40 0.00	35.42 1.33 0.00	36.34 1.36 0.00	39.56 1.41 0.00	47.01 2.07 0.00	48.32 2.34 0.00	46.57 2.18 0.00	40.97 1.91 0.00	39.59 1.92 0.00	38.20 1.96 0.00	37.24 1.87 0.00	38.51 1.90 0.00	39.17 1.87 0.00	48.76 2.14 0.00	60.37 2.43 0.00	77.15 2.90 0.00	72.70 2.59 0.00	67.53 2.60 0.00	56.87 2.08 0.00	49.59 2.00 0.00	44.36 1.71 0.00	42.35 1.39 0.00
CE_NYC2_DRP 24202	41.12 2.33 0.00	37.71 1.97 0.00	36.72 1.82 0.00	35.87 1.77 0.00	36.75 1.78 0.00	39.94 1.79 0.00	47.41 2.47 0.00	48.73 2.76 0.00	46.97 2.57 0.00	41.40 2.34 0.00	40.02 2.34 -0.02	38.69 2.43 -0.02	37.72 2.33 -0.02	39.00 2.38 -0.02	39.64 2.31 -0.02	49.09 2.47 0.00	60.49 2.55 0.00	77.14 2.90 0.01	72.76 2.66 0.01	67.65 2.73 0.01	57.09 2.30 0.00	49.97 2.38 0.00	44.87 2.22 0.00	42.80 1.84 0.00
CE_NYC_DRP 24195	41.04 2.25 0.00	37.68 1.93 0.00	36.68 1.78 0.00	35.80 1.70 0.00	36.68 1.71 0.00	39.94 1.79 0.00	47.50 2.56 0.00	48.87 2.90 0.00	47.14 2.75 0.00	41.48 2.42 0.00	40.13 2.45 -0.01	38.76 2.50 -0.01	37.79 2.41 -0.01	39.07 2.45 -0.01	39.71 2.39 -0.01	49.28 2.66 0.00	60.95 3.01 0.00	77.75 3.49 0.00	73.33 3.22 0.00	68.18 3.25 0.00	57.42 2.63 0.00	50.07 2.47 0.00	44.83 2.18 0.00	42.76 1.80 0.00
CHAFFEE___LFGE 323603	36.35 -2.44 0.00	34.00 -1.75 0.00	33.26 -1.64 0.00	32.83 -1.26 0.00	33.85 -1.12 0.00	36.78 -1.37 0.00	42.70 -2.25 0.00	42.89 -3.08 0.00	41.60 -2.80 0.00	37.07 -1.99 0.00	35.98 -1.69 0.00	35.05 -1.20 0.00	34.24 -1.13 0.00	35.40 -1.21 0.00	35.74 -1.57 0.00	44.38 -2.24 0.00	53.94 -4.00 0.00	70.54 -3.71 0.00	66.25 -3.86 0.00	60.52 -4.42 0.00	51.12 -3.67 0.00	44.59 -3.00 0.00	40.05 -2.60 0.00	38.66 -2.29 0.00
CHATEAUG_35_KV_LOAD 355732	38.13 -0.66 0.00	35.14 -0.61 0.00	34.35 -0.56 0.00	33.41 -0.68 0.00	34.34 -0.63 0.00	37.54 -0.61 0.00	44.40 -0.54 0.00	45.65 -0.32 0.00	44.26 -0.13 0.00	39.09 0.04 0.00	37.64 -0.04 0.00	36.14 -0.11 0.00	35.37 0.00 0.00	36.75 0.15 0.00	37.49 0.19 0.00	46.99 0.37 0.00	58.87 0.93 0.00	75.52 1.26 0.00	71.51 1.40 0.00	66.17 1.23 0.00	56.16 1.37 0.00	48.78 1.19 0.00	43.64 0.98 0.00	41.86 0.90 0.00
CHATEAUG_WT_PWR 323614	38.05 -0.74 0.00	35.10 -0.64 0.00	34.34 -0.56 0.00	33.38 -0.72 0.00	34.34 -0.63 0.00	37.50 -0.65 0.00	44.31 -0.63 0.00	45.51 -0.46 0.00	44.17 -0.22 0.00	39.02 -0.04 0.00	37.60 -0.08 0.00	36.10 -0.14 0.00	35.33 -0.04 0.00	36.72 0.11 0.00	37.42 0.11 0.00	46.90 0.28 0.00	58.69 0.75 0.00	75.22 0.96 0.00	71.22 1.12 0.00	65.91 0.98 0.00	55.88 1.10 0.00	48.59 1.00 0.00	43.46 0.81 0.00	41.70 0.74 0.00
CHAT_HIGH_FALL_HYD 323578	38.13 -0.66 0.00	35.14 -0.61 0.00	34.35 -0.56 0.00	33.41 -0.68 0.00	34.34 -0.63 0.00	37.54 -0.61 0.00	44.40 -0.54 0.00	45.65 -0.32 0.00	44.26 -0.13 0.00	39.09 0.04 0.00	37.64 -0.04 0.00	36.14 -0.11 0.00	35.37 0.00 0.00	36.75 0.15 0.00	37.49 0.19 0.00	46.99 0.37 0.00	58.87 0.93 0.00	75.52 1.26 0.00	71.51 1.40 0.00	66.17 1.23 0.00	56.16 1.37 0.00	48.78 1.19 0.00	43.64 0.98 0.00	41.86 0.90 0.00
CHAUTAUQUA___LFGE 323629	36.35 -2.44 0.00	34.00 -1.75 0.00	33.30 -1.61 0.00	32.93 -1.16 0.00	33.99 -0.98 0.00	37.04 -1.11 0.00	43.19 -1.75 0.00	43.53 -2.44 0.00	42.13 -2.26 0.00	37.57 -1.48 0.00	36.50 -1.17 0.00	35.55 -0.69 0.00	34.73 -0.64 0.00	35.91 -0.70 0.00	36.26 -1.04 0.00	44.99 -1.63 0.00	54.70 -3.24 0.00	71.59 -2.67 0.00	67.30 -2.81 0.00	61.36 -3.57 0.00	51.83 -2.96 0.00	45.21 -2.38 0.00	40.57 -2.09 0.00	39.16 -1.80 0.00
CHERRYST_13_KV_LD 356241	41.12 2.33 0.00	37.75 2.00 0.00	36.75 1.85 0.00	35.90 1.81 0.00	36.79 1.82 0.00	40.02 1.87 0.00	47.59 2.65 0.00	49.01 3.03 0.00	47.23 2.84 0.00	41.59 2.54 0.00	40.25 2.56 -0.01	38.87 2.61 -0.01	37.89 2.51 -0.01	39.18 2.56 -0.01	39.82 2.50 -0.01	49.42 2.80 0.00	61.13 3.19 0.00	77.97 3.71 0.00	73.54 3.44 0.00	68.31 3.38 0.00	57.53 2.74 0.00	50.21 2.62 0.00	44.96 2.30 0.00	42.84 1.88 0.00

CHESTROR_138KV_BK263 355645	40.34 1.55 0.00	37.03 1.29 0.00	36.13 1.22 0.00	35.25 1.16 0.00	36.16 1.19 0.00	39.37 1.22 0.00	46.74 1.80 0.00	47.95 1.98 0.00	46.26 1.86 0.00	40.66 1.60 0.00	39.29 1.62 0.00	37.88 1.63 0.00	36.92 1.56 0.00	38.18 1.57 0.00	38.87 1.57 0.00	48.39 1.77 0.00	60.03 2.09 0.00	76.78 2.52 0.00	72.42 2.31 0.00	67.21 2.27 0.00	56.60 1.81 0.00	49.30 1.71 0.00	44.11 1.45 0.00	42.14 1.19 0.00
CH_MIDHUDSON___DRP 24192	40.50 1.71 0.00	37.18 1.43 0.00	36.23 1.33 0.00	35.36 1.26 0.00	36.30 1.33 0.00	39.52 1.37 0.00	46.92 1.98 0.00	48.18 2.21 0.00	46.43 2.04 0.00	40.85 1.80 0.00	39.44 1.77 0.00	38.02 1.78 0.00	37.07 1.70 0.00	38.33 1.72 0.00	38.99 1.68 0.00	48.62 2.00 0.00	60.32 2.38 0.00	77.08 2.82 0.00	72.70 2.59 0.00	67.53 2.60 0.00	56.82 2.03 0.00	49.50 1.90 0.00	44.28 1.62 0.00	42.31 1.35 0.00
CH_MISC_IPPS 23765	40.88 2.09 0.00	37.50 1.75 0.00	36.58 1.68 0.00	35.63 1.54 0.00	36.62 1.64 0.00	39.91 1.76 0.00	47.19 2.25 0.00	48.45 2.48 0.00	46.70 2.31 0.00	41.09 2.03 0.00	39.67 2.00 0.00	38.24 1.99 0.00	37.24 1.87 0.00	38.51 1.90 0.00	39.17 1.86 0.00	48.86 2.24 0.00	60.72 2.78 0.00	77.60 3.34 0.00	73.19 3.08 0.00	67.92 2.99 0.00	57.14 2.35 0.00	49.78 2.19 0.00	44.53 1.87 0.00	42.51 1.56 0.00
CH_RES_BVR_FALLS 23983	37.82 -0.97 0.00	34.89 -0.86 0.00	34.07 -0.84 0.00	33.28 -0.82 0.00	34.17 -0.80 0.00	37.31 -0.84 0.00	44.09 -0.86 0.00	45.23 -0.74 0.00	43.86 -0.53 0.00	38.74 -0.31 0.00	37.45 -0.22 0.00	36.03 -0.22 0.00	35.19 -0.18 0.00	36.46 -0.15 0.00	37.20 -0.11 0.00	46.57 -0.05 0.00	58.06 0.12 0.00	74.48 0.22 0.00	70.39 0.28 0.00	65.19 0.26 0.00	55.06 0.28 0.00	47.83 0.24 0.00	42.87 0.21 0.00	41.12 0.16 0.00
CH_RES_NIAGARA 23895	35.65 -3.14 0.00	33.78 -1.97 0.00	33.09 -1.82 0.00	32.35 -1.74 0.00	33.36 -1.61 0.00	35.86 -2.29 0.00	41.48 -3.46 0.00	41.65 -4.32 0.00	40.31 -4.08 0.00	35.93 -3.12 0.00	34.85 -2.83 0.00	33.92 -2.32 0.00	33.18 -2.19 0.00	34.30 -2.31 0.00	34.58 -2.72 0.00	42.89 -3.73 0.00	52.38 -5.56 0.00	68.02 -6.24 0.00	63.94 -6.17 0.00	58.51 -6.43 0.00	49.36 -5.42 0.00	43.21 -4.38 0.00	38.86 -3.80 0.00	37.64 -3.32 0.00
CH_RES_SYRACUSE 23985	38.33 -0.46 0.00	35.35 -0.39 0.00	34.56 -0.35 0.00	33.82 -0.27 0.00	34.69 -0.28 0.00	37.81 -0.34 0.00	44.40 -0.54 0.00	45.33 -0.64 0.00	44.39 0.00 0.00	39.09 0.04 0.00	37.79 0.11 0.00	36.43 0.18 0.00	35.55 0.18 0.00	36.64 0.04 0.00	37.35 0.04 0.00	46.62 0.00 0.00	57.01 -0.93 0.00	73.37 -0.89 0.00	69.12 -0.98 0.00	63.96 -0.97 0.00	53.86 -0.93 0.00	46.88 -0.71 0.00	42.02 -0.64 0.00	40.34 -0.61 0.00
CLINTON_WT_PWR 323605	38.05 -0.74 0.00	35.10 -0.64 0.00	34.34 -0.56 0.00	33.38 -0.72 0.00	34.34 -0.63 0.00	37.50 -0.65 0.00	44.31 -0.63 0.00	45.51 -0.46 0.00	44.17 -0.22 0.00	39.02 -0.04 0.00	37.60 -0.08 0.00	36.10 -0.14 0.00	35.33 -0.04 0.00	36.72 0.11 0.00	37.42 0.11 0.00	46.90 0.28 0.00	58.69 0.75 0.00	75.22 0.96 0.00	71.22 1.12 0.00	65.91 0.98 0.00	55.88 1.10 0.00	48.59 1.00 0.00	43.46 0.81 0.00	41.70 0.74 0.00
CLINTON___LFGE 323618	38.40 -0.39 0.00	35.39 -0.36 0.00	34.62 -0.28 0.00	33.62 -0.48 0.00	34.59 -0.38 0.00	37.77 -0.38 0.00	44.72 -0.22 0.00	45.93 -0.05 0.00	44.61 0.22 0.00	39.41 0.35 0.00	37.90 0.23 0.00	36.35 0.11 0.00	35.62 0.25 0.00	37.01 0.40 0.00	37.72 0.41 0.00	47.32 0.70 0.00	59.33 1.39 0.00	76.03 1.78 0.00	72.06 1.96 0.00	66.69 1.75 0.00	56.59 1.81 0.00	49.21 1.62 0.00	43.93 1.28 0.00	42.18 1.23 0.00
COBBLENY_34_KV_TB1 80064	35.96 -2.83 0.00	34.00 -1.75 0.00	33.33 -1.57 0.00	33.10 -0.99 0.00	33.64 -1.33 0.00	36.32 -1.83 0.00	42.60 -2.34 0.00	42.98 -2.99 0.00	41.59 -2.80 0.00	37.06 -1.99 0.00	35.98 -1.70 0.00	35.05 -1.20 0.00	34.24 -1.13 0.00	35.40 -1.21 0.00	35.70 -1.60 0.00	44.38 -2.24 0.00	54.18 -3.77 0.00	70.54 -3.71 0.00	66.25 -3.86 0.00	60.52 -4.42 0.00	51.12 -3.67 0.00	44.59 -3.00 0.00	40.05 -2.60 0.00	38.58 -2.38 0.00
COFFEEN___115KV_TB3 355620	38.91 0.12 0.00	35.82 0.07 0.00	35.08 0.17 0.00	34.03 -0.07 0.00	34.94 -0.03 0.00	38.07 -0.08 0.00	44.67 -0.27 0.00	45.60 -0.37 0.00	44.12 -0.27 0.00	38.63 -0.43 0.00	37.07 -0.60 0.00	35.56 -0.69 0.00	34.66 -0.71 0.00	35.76 -0.84 0.00	36.56 -0.75 0.00	46.20 -0.42 0.00	57.94 0.00 0.00	75.15 0.89 0.00	71.44 1.33 0.00	66.69 1.75 0.00	55.88 1.10 0.00	48.50 0.90 0.00	43.38 0.73 0.00	41.45 0.49 0.00
COLDSPRG_115KV_BK1 355956	35.96 -2.83 0.00	34.10 -1.64 0.00	33.44 -1.47 0.00	33.28 -0.82 0.00	33.96 -1.01 0.00	36.70 -1.45 0.00	43.50 -1.44 0.00	44.04 -1.93 0.00	42.53 -1.86 0.00	37.96 -1.09 0.00	36.92 -0.75 0.00	35.92 -0.33 0.00	35.12 -0.25 0.00	36.31 -0.29 0.00	36.60 -0.71 0.00	45.45 -1.17 0.00	55.45 -2.49 0.00	72.40 -1.86 0.00	68.00 -2.10 0.00	61.95 -2.99 0.00	52.32 -2.47 0.00	45.59 -2.00 0.00	40.86 -1.79 0.00	39.28 -1.68 0.00
COLONIE_LFGE___ 323577	40.03 1.24 0.00	36.82 1.07 0.00	35.88 0.98 0.00	35.15 1.06 0.00	35.95 0.98 0.00	39.37 1.22 0.00	46.29 1.35 0.00	47.35 1.38 0.00	45.54 1.15 0.00	39.76 0.70 0.00	38.24 0.57 0.00	36.64 0.40 0.00	35.72 0.35 0.00	37.01 0.40 0.00	37.83 0.52 0.00	47.60 0.98 0.00	59.21 1.27 0.00	75.66 1.41 0.00	71.58 1.47 0.00	66.43 1.49 0.00	55.99 1.20 0.00	48.35 0.76 0.00	43.38 0.72 0.00	41.86 0.90 0.00
COOPERNY_115KV_TB1 80082	40.11 1.32 0.00	36.86 1.11 0.00	35.92 1.01 0.00	35.05 0.95 0.00	35.99 1.01 0.00	39.22 1.07 0.00	46.42 1.48 0.00	47.63 1.65 0.00	45.94 1.55 0.00	40.42 1.37 0.00	39.03 1.36 0.00	37.62 1.38 0.00	36.68 1.31 0.00	37.92 1.32 0.00	38.61 1.31 0.00	48.16 1.54 0.00	59.68 1.74 0.00	76.41 2.15 0.00	72.07 1.96 0.00	66.88 1.95 0.00	56.32 1.53 0.00	49.07 1.48 0.00	43.89 1.24 0.00	41.98 1.02 0.00
COPENHAGEN_WT_PWR 323753	38.60 -0.19 0.00	35.53 -0.21 0.00	34.80 -0.10 0.00	33.75 -0.34 0.00	34.69 -0.28 0.00	37.77 -0.38 0.00	44.36 -0.59 0.00	45.33 -0.64 0.00	43.86 -0.53 0.00	38.47 -0.58 0.00	36.96 -0.72 0.00	35.48 -0.76 0.00	34.59 -0.78 0.00	35.69 -0.91 0.00	36.49 -0.82 0.00	45.97 -0.65 0.00	57.54 -0.40 0.00	74.55 0.30 0.00	70.81 0.70 0.00	65.97 1.04 0.00	55.39 0.60 0.00	48.07 0.48 0.00	43.00 0.34 0.00	41.16 0.21 0.00
CORNELL_____ 23752	39.10 0.31 0.00	36.14 0.39 0.00	35.32 0.42 0.00	34.61 0.51 0.00	35.43 0.45 0.00	38.65 0.50 0.00	45.39 0.45 0.00	46.39 0.41 0.00	45.10 0.71 0.00	39.64 0.59 0.00	38.20 0.53 0.00	36.82 0.58 0.00	35.93 0.57 0.00	37.05 0.44 0.00	37.83 0.52 0.00	47.36 0.75 0.00	58.40 0.46 0.00	75.37 1.11 0.00	71.09 0.98 0.00	65.78 0.84 0.00	55.34 0.55 0.00	48.16 0.57 0.00	43.12 0.47 0.00	41.28 0.33 0.00

CORONA V_69 KV_TB1 355595	41.23 2.44 0.00	37.64 1.89 0.00	36.61 1.71 0.00	35.70 1.60 0.00	36.65 1.68 0.00	39.90 1.75 0.00	47.55 2.61 0.00	48.96 2.99 0.00	47.28 2.89 0.00	41.44 2.38 0.00	40.16 2.49 0.00	38.71 2.46 0.00	37.74 2.37 0.00	39.09 2.49 0.00	39.77 2.46 0.00	49.65 3.03 0.00	61.30 3.36 0.00	78.71 4.46 0.00	74.24 4.14 0.00	68.96 4.03 0.00	57.80 3.01 0.00	50.68 3.09 0.00	45.39 2.73 0.00	43.13 2.17 0.00
CORTLAND_115KV_TB3 80093	38.95 0.16 0.00	35.96 0.21 0.00	35.15 0.24 0.00	34.37 0.27 0.00	35.22 0.24 0.00	38.42 0.27 0.00	45.12 0.18 0.00	46.06 0.09 0.00	44.75 0.36 0.00	39.33 0.27 0.00	37.97 0.30 0.00	36.57 0.33 0.00	35.65 0.28 0.00	36.83 0.22 0.00	37.53 0.22 0.00	46.94 0.33 0.00	58.00 0.06 0.00	74.63 0.37 0.00	70.39 0.28 0.00	65.13 0.19 0.00	54.84 0.05 0.00	47.73 0.14 0.00	42.74 0.09 0.00	40.96 0.00 0.00
COXSACKIE__GT 23611	40.88 2.09 0.00	37.61 1.86 0.00	36.72 1.81 0.00	35.83 1.74 0.00	36.72 1.75 0.00	40.09 1.94 0.00	47.23 2.29 0.00	48.27 2.30 0.00	46.39 2.00 0.00	40.31 1.25 0.00	38.58 0.90 0.00	36.90 0.65 0.00	35.93 0.56 0.00	37.19 0.58 0.00	38.01 0.71 0.00	48.07 1.45 0.00	60.49 2.55 0.00	77.75 3.49 0.00	73.54 3.43 0.00	68.24 3.31 0.00	57.14 2.35 0.00	49.54 1.95 0.00	44.41 1.75 0.00	42.64 1.68 0.00
CPV_VALLEY__CC1 323721	40.34 1.55 0.00	37.03 1.29 0.00	36.09 1.19 0.00	35.22 1.12 0.00	36.16 1.19 0.00	39.41 1.26 0.00	46.60 1.66 0.00	47.81 1.84 0.00	46.08 1.69 0.00	40.54 1.48 0.00	39.14 1.47 0.00	37.77 1.52 0.00	36.82 1.45 0.00	38.07 1.47 0.00	38.73 1.42 0.00	48.25 1.63 0.00	59.85 1.91 0.00	76.56 2.30 0.00	72.14 2.03 0.00	67.01 2.08 0.00	56.43 1.64 0.00	49.11 1.52 0.00	43.98 1.32 0.00	42.02 1.06 0.00
CPV_VALLEY__CC2 323722	40.34 1.55 0.00	37.03 1.29 0.00	36.09 1.19 0.00	35.22 1.12 0.00	36.16 1.19 0.00	39.41 1.26 0.00	46.60 1.66 0.00	47.81 1.84 0.00	46.08 1.69 0.00	40.54 1.48 0.00	39.14 1.47 0.00	37.77 1.52 0.00	36.82 1.45 0.00	38.07 1.47 0.00	38.73 1.42 0.00	48.25 1.63 0.00	59.85 1.91 0.00	76.56 2.30 0.00	72.14 2.03 0.00	67.01 2.08 0.00	56.43 1.64 0.00	49.11 1.52 0.00	43.98 1.32 0.00	42.02 1.06 0.00
CRESCENT__HYD 24018	40.03 1.24 0.00	36.82 1.07 0.00	35.88 0.98 0.00	35.15 1.06 0.00	35.95 0.98 0.00	39.37 1.22 0.00	46.29 1.35 0.00	47.35 1.38 0.00	45.54 1.15 0.00	39.76 0.70 0.00	38.24 0.57 0.00	36.64 0.40 0.00	35.72 0.35 0.00	37.01 0.40 0.00	37.83 0.52 0.00	47.60 0.98 0.00	59.21 1.27 0.00	75.66 1.41 0.00	71.58 1.47 0.00	66.43 1.49 0.00	55.99 1.20 0.00	48.35 0.76 0.00	43.38 0.72 0.00	41.86 0.90 0.00
CRICKET__VALLEY_CC1 323756	40.15 1.36 0.00	36.86 1.11 0.00	35.92 1.01 0.00	35.05 0.95 0.00	35.95 0.98 0.00	39.22 1.07 0.00	46.38 1.44 0.00	47.62 1.65 0.00	45.90 1.51 0.00	40.34 1.29 0.00	38.99 1.32 0.00	37.59 1.34 0.00	36.68 1.31 0.00	37.92 1.32 0.00	38.58 1.27 0.00	48.07 1.45 0.00	59.56 1.62 0.00	76.03 1.78 0.00	71.72 1.61 0.00	66.62 1.69 0.00	56.10 1.31 0.00	48.88 1.29 0.00	43.72 1.07 0.00	41.82 0.86 0.00
CRICKET__VALLEY_CC2 323757	40.15 1.36 0.00	36.86 1.11 0.00	35.92 1.01 0.00	35.05 0.95 0.00	35.95 0.98 0.00	39.22 1.07 0.00	46.38 1.44 0.00	47.62 1.65 0.00	45.90 1.51 0.00	40.34 1.29 0.00	38.99 1.32 0.00	37.59 1.34 0.00	36.68 1.31 0.00	37.92 1.32 0.00	38.58 1.27 0.00	48.07 1.45 0.00	59.56 1.62 0.00	76.03 1.78 0.00	71.72 1.61 0.00	66.62 1.69 0.00	56.10 1.31 0.00	48.88 1.29 0.00	43.72 1.07 0.00	41.82 0.86 0.00
CRICKET__VALLEY_CC3 323758	40.15 1.36 0.00	36.86 1.11 0.00	35.92 1.01 0.00	35.05 0.95 0.00	35.95 0.98 0.00	39.22 1.07 0.00	46.38 1.44 0.00	47.62 1.65 0.00	45.90 1.51 0.00	40.34 1.29 0.00	38.99 1.32 0.00	37.59 1.34 0.00	36.68 1.31 0.00	37.92 1.32 0.00	38.58 1.27 0.00	48.07 1.45 0.00	59.56 1.62 0.00	76.03 1.78 0.00	71.72 1.61 0.00	66.62 1.69 0.00	56.10 1.31 0.00	48.88 1.29 0.00	43.72 1.07 0.00	41.82 0.86 0.00
CRUCIBLE_METL_DRP 24180	38.40 -0.39 0.00	35.50 -0.25 0.00	34.66 -0.24 0.00	33.96 -0.14 0.00	34.76 -0.21 0.00	37.92 -0.23 0.00	44.45 -0.49 0.00	45.33 -0.64 0.00	44.39 0.00 0.00	39.09 0.04 0.00	37.79 0.11 0.00	36.43 0.18 0.00	35.55 0.18 0.00	36.64 0.04 0.00	37.35 0.04 0.00	46.62 0.00 0.00	57.01 -0.93 0.00	73.36 -0.89 0.00	69.12 -0.98 0.00	63.96 -0.97 0.00	53.86 -0.93 0.00	46.88 -0.71 0.00	42.02 -0.64 0.00	40.34 -0.61 0.00
DAHOWA__HYDRO 323763	40.34 1.55 0.00	37.14 1.39 0.00	36.16 1.25 0.00	35.42 1.33 0.00	36.23 1.26 0.00	39.71 1.56 0.00	46.60 1.66 0.00	47.72 1.75 0.00	45.72 1.33 0.00	39.88 0.82 0.00	38.39 0.71 0.00	36.64 0.40 0.00	35.62 0.25 0.00	37.01 0.40 0.00	37.76 0.45 0.00	47.64 1.02 0.00	59.56 1.62 0.00	76.33 2.08 0.00	72.21 2.10 0.00	67.14 2.21 0.00	56.43 1.64 0.00	48.83 1.24 0.00	43.85 1.19 0.00	42.18 1.23 0.00
DANC__LFGE 323619	38.28 -0.51 0.00	35.28 -0.47 0.00	34.52 -0.38 0.00	33.58 -0.51 0.00	34.48 -0.49 0.00	37.54 -0.61 0.00	44.04 -0.90 0.00	45.00 -0.97 0.00	43.55 -0.84 0.00	38.27 -0.78 0.00	36.88 -0.79 0.00	35.45 -0.80 0.00	34.52 -0.85 0.00	35.62 -0.99 0.00	36.38 -0.93 0.00	45.64 -0.98 0.00	56.90 -1.04 0.00	73.51 -0.74 0.00	69.69 -0.42 0.00	64.80 -0.13 0.00	54.46 -0.33 0.00	47.35 -0.24 0.00	42.40 -0.25 0.00	40.67 -0.28 0.00
DANSKAMMER__1 23586	40.88 2.09 0.00	37.50 1.75 0.00	36.58 1.68 0.00	35.63 1.54 0.00	36.62 1.64 0.00	39.91 1.76 0.00	47.19 2.25 0.00	48.45 2.48 0.00	46.70 2.31 0.00	41.09 2.03 0.00	39.67 2.00 0.00	38.24 1.99 0.00	37.24 1.87 0.00	38.51 1.90 0.00	39.17 1.86 0.00	48.86 2.24 0.00	60.72 2.78 0.00	77.60 3.34 0.00	73.19 3.08 0.00	67.92 2.99 0.00	57.14 2.35 0.00	49.78 2.19 0.00	44.53 1.87 0.00	42.51 1.56 0.00
DANSKAMMER__2 23589	40.88 2.09 0.00	37.50 1.75 0.00	36.58 1.68 0.00	35.63 1.54 0.00	36.62 1.64 0.00	39.91 1.76 0.00	47.19 2.25 0.00	48.45 2.48 0.00	46.70 2.31 0.00	41.09 2.03 0.00	39.67 2.00 0.00	38.24 1.99 0.00	37.24 1.87 0.00	38.51 1.90 0.00	39.17 1.86 0.00	48.86 2.24 0.00	60.72 2.78 0.00	77.60 3.34 0.00	73.19 3.08 0.00	67.92 2.99 0.00	57.14 2.35 0.00	49.78 2.19 0.00	44.53 1.87 0.00	42.51 1.56 0.00
DANSKAMMER__3 23590	40.88 2.09 0.00	37.50 1.75 0.00	36.58 1.68 0.00	35.63 1.54 0.00	36.62 1.64 0.00	39.91 1.76 0.00	47.19 2.25 0.00	48.45 2.48 0.00	46.70 2.31 0.00	41.09 2.03 0.00	39.67 2.00 0.00	38.24 1.99 0.00	37.24 1.87 0.00	38.51 1.90 0.00	39.17 1.86 0.00	48.86 2.24 0.00	60.72 2.78 0.00	77.60 3.34 0.00	73.19 3.08 0.00	67.92 2.99 0.00	57.14 2.35 0.00	49.78 2.19 0.00	44.53 1.87 0.00	42.51 1.56 0.00

DANSKAMMER___4 23591	40.88 2.09 0.00	37.50 1.75 0.00	36.58 1.68 0.00	35.63 1.54 0.00	36.62 1.64 0.00	39.91 1.76 0.00	47.19 2.25 0.00	48.45 2.48 0.00	46.70 2.31 0.00	41.09 2.03 0.00	39.67 2.00 0.00	38.24 1.99 0.00	37.24 1.87 0.00	38.51 1.90 0.00	39.17 1.86 0.00	48.86 2.24 0.00	60.72 2.78 0.00	77.60 3.34 0.00	73.19 3.08 0.00	67.92 2.99 0.00	57.14 2.35 0.00	49.78 2.19 0.00	44.53 1.87 0.00	42.51 1.56 0.00
DANSKAMMER___DIESEL 23592	40.73 1.94 0.00	37.39 1.64 0.00	36.48 1.57 0.00	35.56 1.47 0.00	36.47 1.50 0.00	39.75 1.60 0.00	47.14 2.20 0.00	48.45 2.48 0.00	46.70 2.31 0.00	41.09 2.03 0.00	39.67 2.00 0.00	38.24 1.99 0.00	37.24 1.87 0.00	38.51 1.90 0.00	39.17 1.87 0.00	48.90 2.28 0.00	60.72 2.78 0.00	77.60 3.34 0.00	73.19 3.08 0.00	67.92 2.99 0.00	57.14 2.36 0.00	49.78 2.19 0.00	44.53 1.88 0.00	42.51 1.56 0.00
DARBY___SOLAR 323810	40.23 1.44 0.00	37.07 1.32 0.00	36.09 1.19 0.00	35.36 1.26 0.00	36.16 1.19 0.00	39.60 1.45 0.00	46.51 1.57 0.00	47.62 1.65 0.00	45.63 1.24 0.00	39.84 0.78 0.00	38.31 0.64 0.00	36.61 0.36 0.00	35.62 0.25 0.00	36.97 0.37 0.00	37.76 0.45 0.00	47.64 1.02 0.00	59.51 1.57 0.00	76.18 1.93 0.00	72.00 1.89 0.00	66.95 2.02 0.00	56.32 1.53 0.00	48.73 1.14 0.00	43.76 1.11 0.00	42.10 1.15 0.00
DASHVILLE___HYD 23610	40.34 1.55 0.00	37.00 1.25 0.00	36.09 1.19 0.00	35.18 1.09 0.00	36.13 1.15 0.00	39.33 1.18 0.00	46.69 1.75 0.00	47.90 1.93 0.00	46.17 1.78 0.00	40.58 1.52 0.00	39.14 1.47 0.00	37.73 1.49 0.00	36.78 1.41 0.00	38.00 1.39 0.00	38.69 1.38 0.00	48.25 1.63 0.00	60.03 2.09 0.00	76.78 2.52 0.00	72.42 2.31 0.00	67.21 2.27 0.00	56.54 1.75 0.00	49.26 1.67 0.00	44.06 1.41 0.00	42.10 1.15 0.00
DELAWARE___LFGE 323621	39.57 0.78 0.00	36.46 0.71 0.00	35.60 0.70 0.00	34.74 0.65 0.00	35.64 0.66 0.00	38.87 0.72 0.00	45.84 0.90 0.00	46.94 0.97 0.00	45.32 0.93 0.00	39.88 0.82 0.00	38.46 0.79 0.00	37.08 0.83 0.00	36.15 0.78 0.00	37.34 0.73 0.00	38.09 0.78 0.00	47.64 1.03 0.00	59.10 1.16 0.00	75.81 1.56 0.00	71.44 1.33 0.00	66.36 1.43 0.00	55.83 1.04 0.00	48.54 0.95 0.00	43.47 0.81 0.00	41.61 0.66 0.00
DERFIELD_115KV_TB7 355931	38.91 0.12 0.00	35.82 0.07 0.00	34.97 0.07 0.00	34.16 0.07 0.00	35.04 0.07 0.00	38.23 0.08 0.00	45.03 0.09 0.00	46.06 0.09 0.00	44.43 0.04 0.00	39.09 0.04 0.00	37.71 0.04 0.00	36.28 0.04 0.00	35.40 0.04 0.00	36.61 0.00 0.00	37.35 0.04 0.00	46.67 0.05 0.00	57.94 0.00 0.00	74.26 0.00 0.00	70.10 0.00 0.00	65.00 0.06 0.00	54.84 0.05 0.00	47.64 0.05 0.00	42.70 0.04 0.00	41.00 0.04 0.00
DOGLEVILLE___HYD 23807	40.34 1.55 0.00	37.21 1.47 0.00	36.37 1.47 0.00	35.46 1.36 0.00	36.37 1.40 0.00	39.60 1.45 0.00	46.56 1.62 0.00	47.58 1.61 0.00	45.90 1.51 0.00	40.34 1.29 0.00	39.07 1.39 0.00	37.62 1.38 0.00	36.71 1.34 0.00	38.03 1.43 0.00	38.84 1.53 0.00	48.67 2.05 0.00	60.37 2.43 0.00	77.67 3.42 0.00	73.40 3.29 0.00	68.18 3.25 0.00	57.47 2.68 0.00	49.97 2.38 0.00	44.87 2.22 0.00	43.09 2.13 0.00
DUNKIRK___115KV_TB_200 55889	35.96 -2.83 0.00	34.03 -1.72 0.00	33.40 -1.50 0.00	33.17 -0.92 0.00	33.82 -1.15 0.00	36.55 -1.60 0.00	43.10 -1.84 0.00	43.54 -2.44 0.00	42.08 -2.31 0.00	37.53 -1.52 0.00	36.47 -1.21 0.00	35.48 -0.76 0.00	34.70 -0.67 0.00	35.87 -0.73 0.00	36.19 -1.12 0.00	44.89 -1.72 0.00	54.81 -3.13 0.00	71.43 -2.82 0.00	67.16 -2.94 0.00	61.30 -3.64 0.00	51.78 -3.01 0.00	45.16 -2.43 0.00	40.52 -2.13 0.00	38.99 -1.97 0.00
DUNKIRK___1 23563	35.96 -2.83 0.00	34.03 -1.72 0.00	33.40 -1.50 0.00	33.17 -0.92 0.00	33.82 -1.15 0.00	36.55 -1.60 0.00	43.10 -1.84 0.00	43.54 -2.44 0.00	42.08 -2.31 0.00	37.53 -1.52 0.00	36.47 -1.21 0.00	35.48 -0.76 0.00	34.70 -0.67 0.00	35.87 -0.73 0.00	36.19 -1.12 0.00	44.89 -1.72 0.00	54.81 -3.13 0.00	71.43 -2.82 0.00	67.16 -2.94 0.00	61.30 -3.64 0.00	51.78 -3.01 0.00	45.16 -2.43 0.00	40.52 -2.13 0.00	38.99 -1.97 0.00
DUNKIRK___2 23564	35.96 -2.83 0.00	34.03 -1.72 0.00	33.40 -1.50 0.00	33.17 -0.92 0.00	33.82 -1.15 0.00	36.55 -1.60 0.00	43.10 -1.84 0.00	43.54 -2.44 0.00	42.08 -2.31 0.00	37.53 -1.52 0.00	36.47 -1.21 0.00	35.48 -0.76 0.00	34.70 -0.67 0.00	35.87 -0.73 0.00	36.19 -1.12 0.00	44.89 -1.72 0.00	54.81 -3.13 0.00	71.43 -2.82 0.00	67.16 -2.94 0.00	61.30 -3.64 0.00	51.78 -3.01 0.00	45.16 -2.43 0.00	40.52 -2.13 0.00	38.99 -1.97 0.00
DUNKIRK___3 23565	35.92 -2.87 0.00	33.96 -1.79 0.00	33.33 -1.57 0.00	33.07 -1.02 0.00	33.71 -1.26 0.00	36.43 -1.72 0.00	42.87 -2.07 0.00	43.31 -2.67 0.00	41.82 -2.57 0.00	37.30 -1.76 0.00	36.24 -1.43 0.00	35.27 -0.98 0.00	34.45 -0.92 0.00	35.62 -0.99 0.00	35.93 -1.38 0.00	44.61 -2.00 0.00	54.46 -3.48 0.00	70.99 -3.27 0.00	66.67 -3.44 0.00	60.91 -4.03 0.00	51.45 -3.34 0.00	44.88 -2.71 0.00	40.27 -2.39 0.00	38.79 -2.17 0.00
DUNKIRK___4 23566	35.92 -2.87 0.00	33.96 -1.79 0.00	33.33 -1.57 0.00	33.07 -1.02 0.00	33.71 -1.26 0.00	36.43 -1.72 0.00	42.87 -2.07 0.00	43.31 -2.67 0.00	41.82 -2.57 0.00	37.30 -1.76 0.00	36.24 -1.43 0.00	35.27 -0.98 0.00	34.45 -0.92 0.00	35.62 -0.99 0.00	35.93 -1.38 0.00	44.61 -2.00 0.00	54.46 -3.48 0.00	70.99 -3.27 0.00	66.67 -3.44 0.00	60.91 -4.03 0.00	51.45 -3.34 0.00	44.88 -2.71 0.00	40.27 -2.39 0.00	38.79 -2.17 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.73 1.94 0.00	37.39 1.64 0.00	36.41 1.50 0.00	35.56 1.47 0.00	36.44 1.47 0.00	39.68 1.53 0.00	47.19 2.25 0.00	48.50 2.53 0.00	46.79 2.40 0.00	41.16 2.11 0.00	39.78 2.11 0.00	38.42 2.17 0.00	37.45 2.09 0.00	38.73 2.12 0.00	39.36 2.05 0.00	48.95 2.33 0.00	60.61 2.67 0.00	77.37 3.12 0.00	72.98 2.87 0.00	67.79 2.86 0.00	57.09 2.30 0.00	49.78 2.19 0.00	44.53 1.88 0.00	42.51 1.56 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.54 1.75 0.00	37.21 1.47 0.00	36.30 1.40 0.00	35.39 1.30 0.00	36.34 1.36 0.00	39.56 1.41 0.00	46.96 2.02 0.00	48.22 2.25 0.00	46.48 2.09 0.00	40.89 1.84 0.00	39.48 1.81 0.00	38.06 1.81 0.00	37.10 1.73 0.00	38.36 1.76 0.00	39.02 1.72 0.00	48.62 2.00 0.00	60.37 2.43 0.00	77.23 2.97 0.00	72.84 2.73 0.00	67.60 2.66 0.00	56.87 2.08 0.00	49.54 1.95 0.00	44.32 1.66 0.00	42.31 1.35 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	41.12 2.33 0.00	37.71 1.97 0.00	36.68 1.78 0.00	35.83 1.74 0.00	36.68 1.71 0.00	39.79 1.64 0.00	47.23 2.29 0.00	48.55 2.57 0.00	46.74 2.35 0.00	41.20 2.15 0.00	39.87 2.19 -0.02	38.51 2.25 -0.02	37.54 2.16 -0.02	38.82 2.20 -0.02	39.45 2.13 -0.02	48.86 2.24 0.00	60.14 2.20 0.00	76.85 2.60 0.01	72.48 2.38 0.01	67.33 2.40 0.01	56.82 2.03 0.00	49.73 2.14 0.00	44.79 2.13 0.00	42.76 1.80 0.00

E179THST_13_KV_LOAD 356214	41.23 2.44 0.00	37.82 2.07 0.00	36.82 1.92 0.00	35.97 1.88 0.00	36.82 1.85 0.00	39.94 1.79 0.00	47.41 2.47 0.00	48.73 2.76 0.00	46.92 2.53 0.00	41.36 2.30 0.00	40.02 2.34 -0.02	38.69 2.43 -0.02	37.72 2.33 -0.02	39.00 2.38 -0.02	39.64 2.31 -0.02	49.04 2.42 0.00	60.43 2.49 0.00	77.14 2.90 0.01	72.76 2.66 0.01	67.59 2.66 0.01	57.03 2.25 0.00	49.92 2.33 0.00	44.96 2.30 0.00	42.92 1.97 0.00
EAST HAMPTON___GT 23717	41.08 2.29 0.00	37.32 1.57 0.00	36.26 1.36 0.00	35.29 1.19 0.00	36.33 1.36 0.00	39.56 1.41 0.00	46.51 1.57 0.00	48.04 2.07 0.00	46.57 2.17 0.00	40.70 1.64 0.00	39.70 2.03 0.00	38.49 2.25 0.00	37.56 2.19 0.00	39.10 2.49 0.00	39.88 2.57 0.00	50.26 3.64 0.00	62.58 4.64 0.00	81.08 6.83 0.00	76.63 6.52 0.00	70.90 5.97 0.00	58.95 4.16 0.00	51.92 4.33 0.00	46.36 3.71 0.00	44.19 3.23 0.00
EAST RIVER___6 23660	41.27 2.48 0.00	37.86 2.11 0.00	36.89 1.99 0.00	35.93 1.84 0.00	36.86 1.89 0.00	40.13 1.98 0.00	47.59 2.65 0.00	48.96 2.99 0.00	47.23 2.84 0.00	41.59 2.54 0.00	40.25 2.56 -0.01	38.87 2.61 -0.01	37.89 2.51 -0.01	39.18 2.56 -0.01	39.82 2.50 -0.01	49.37 2.75 0.00	61.18 3.24 0.00	77.97 3.71 0.00	73.47 3.36 0.00	68.31 3.37 0.00	57.53 2.74 0.00	50.16 2.57 0.00	44.91 2.26 0.00	42.80 1.84 0.00
EAST RIVER___7 23524	41.27 2.48 0.00	37.86 2.11 0.00	36.89 1.99 0.00	35.93 1.84 0.00	36.86 1.89 0.00	40.13 1.98 0.00	47.59 2.65 0.00	48.96 2.99 0.00	47.23 2.84 0.00	41.59 2.54 0.00	40.25 2.56 -0.01	38.87 2.61 -0.01	37.89 2.51 -0.01	39.18 2.56 -0.01	39.82 2.50 -0.01	49.37 2.75 0.00	61.18 3.24 0.00	77.97 3.71 0.00	73.47 3.36 0.00	68.31 3.37 0.00	57.53 2.74 0.00	50.16 2.57 0.00	44.91 2.26 0.00	42.80 1.84 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.65 1.86 0.00	37.32 1.57 0.00	36.34 1.43 0.00	35.46 1.36 0.00	36.37 1.40 0.00	39.60 1.45 0.00	47.05 2.11 0.00	48.36 2.39 0.00	46.61 2.22 0.00	41.01 1.95 0.00	39.67 2.00 0.00	38.27 2.03 0.00	37.31 1.95 0.00	38.58 1.98 0.00	39.25 1.94 0.00	48.81 2.19 0.00	60.43 2.49 0.00	77.23 2.97 0.00	72.84 2.73 0.00	67.66 2.73 0.00	56.93 2.14 0.00	49.64 2.05 0.00	44.45 1.79 0.00	42.39 1.43 0.00
EAST_HAMPTON___DIESEL 23722	41.00 2.21 0.00	37.25 1.50 0.00	36.20 1.29 0.00	35.22 1.12 0.00	36.27 1.29 0.00	39.48 1.33 0.00	46.38 1.44 0.00	47.95 1.98 0.00	46.43 2.04 0.00	40.62 1.56 0.00	39.63 1.96 0.00	38.45 2.21 0.00	37.53 2.16 0.00	39.02 2.42 0.00	39.84 2.54 0.00	50.16 3.54 0.00	62.52 4.58 0.00	81.01 6.76 0.00	76.55 6.45 0.00	70.84 5.91 0.00	58.90 4.11 0.00	51.88 4.28 0.00	46.36 3.71 0.00	44.19 3.23 0.00
EAST_POINT___SOLAR 323840	40.23 1.44 0.00	37.03 1.29 0.00	36.09 1.19 0.00	35.32 1.23 0.00	36.12 1.15 0.00	39.60 1.45 0.00	46.34 1.39 0.00	47.17 1.19 0.00	44.08 -0.31 0.00	38.27 -0.78 0.00	37.26 -0.41 0.00	35.85 -0.40 0.00	34.80 -0.57 0.00	36.31 -0.29 0.00	37.05 -0.26 0.00	47.27 0.65 0.00	59.56 1.62 0.00	76.70 2.45 0.00	72.49 2.38 0.00	67.53 2.60 0.00	56.49 1.70 0.00	48.97 1.38 0.00	44.11 1.45 0.00	42.15 1.19 0.00
EAST_PULASKI___ESR 323781	38.05 -0.74 0.00	35.10 -0.64 0.00	34.31 -0.59 0.00	33.48 -0.61 0.00	34.34 -0.63 0.00	37.39 -0.76 0.00	43.86 -1.08 0.00	44.78 -1.20 0.00	43.32 -1.07 0.00	38.16 -0.90 0.00	36.81 -0.86 0.00	35.41 -0.83 0.00	34.49 -0.88 0.00	35.58 -1.02 0.00	36.30 -1.01 0.00	45.36 -1.26 0.00	56.43 -1.51 0.00	72.69 -1.56 0.00	68.70 -1.40 0.00	63.83 -1.10 0.00	53.69 -1.10 0.00	46.69 -0.91 0.00	41.84 -0.81 0.00	40.18 -0.78 0.00
EAST_RIVER___1 323558	41.20 2.41 0.00	37.78 2.04 0.00	36.82 1.92 0.00	35.90 1.81 0.00	36.82 1.85 0.00	40.13 1.98 0.00	47.55 2.61 0.00	48.87 2.90 0.00	47.14 2.75 0.00	41.48 2.42 0.00	40.13 2.45 -0.01	38.76 2.50 -0.01	37.79 2.41 -0.01	39.07 2.45 -0.01	39.71 2.39 -0.01	49.27 2.66 0.00	61.01 3.07 0.00	77.75 3.49 0.00	73.33 3.23 0.00	68.18 3.25 0.00	57.42 2.63 0.00	50.06 2.47 0.00	44.83 2.17 0.00	42.76 1.80 0.00
EAST_RIVER___2 323559	41.27 2.48 0.00	37.86 2.11 0.00	36.89 1.99 0.00	35.93 1.84 0.00	36.86 1.89 0.00	40.13 1.98 0.00	47.59 2.65 0.00	48.96 2.99 0.00	47.23 2.84 0.00	41.59 2.54 0.00	40.25 2.56 -0.01	38.87 2.61 -0.01	37.89 2.51 -0.01	39.18 2.56 -0.01	39.82 2.50 -0.01	49.37 2.75 0.00	61.18 3.24 0.00	77.97 3.71 0.00	73.47 3.36 0.00	68.31 3.37 0.00	57.53 2.74 0.00	50.16 2.57 0.00	44.91 2.26 0.00	42.80 1.84 0.00
EAST___DELAWARE_HYD 23607	40.69 1.90 0.00	37.36 1.61 0.00	36.44 1.53 0.00	35.49 1.40 0.00	36.44 1.47 0.00	39.75 1.60 0.00	47.05 2.11 0.00	48.27 2.30 0.00	46.57 2.17 0.00	40.93 1.87 0.00	39.41 1.73 0.00	37.98 1.74 0.00	37.00 1.63 0.00	38.22 1.61 0.00	38.91 1.60 0.00	48.67 2.05 0.00	60.61 2.67 0.00	77.67 3.42 0.00	73.19 3.08 0.00	67.99 3.05 0.00	57.14 2.35 0.00	49.78 2.19 0.00	44.49 1.83 0.00	42.43 1.47 0.00
EIGHT_POINT___WT_PWR 323820	36.27 -2.52 0.00	33.96 -1.79 0.00	33.33 -1.57 0.00	32.87 -1.23 0.00	33.78 -1.19 0.00	36.93 -1.22 0.00	43.10 -1.84 0.00	43.63 -2.34 0.00	42.26 -2.13 0.00	37.53 -1.52 0.00	36.32 -1.35 0.00	35.27 -0.98 0.00	34.45 -0.92 0.00	35.54 -1.06 0.00	36.15 -1.16 0.00	45.17 -1.45 0.00	55.34 -2.61 0.00	72.47 -1.78 0.00	68.22 -1.89 0.00	62.40 -2.53 0.00	52.65 -2.14 0.00	46.02 -1.57 0.00	41.16 -1.49 0.00	39.48 -1.47 0.00
ELBRIDGE_115KV_TB2 80188	38.21 -0.58 0.00	35.32 -0.43 0.00	34.49 -0.42 0.00	33.79 -0.31 0.00	34.59 -0.38 0.00	37.73 -0.42 0.00	44.22 -0.72 0.00	45.10 -0.87 0.00	44.43 0.04 0.00	39.17 0.12 0.00	37.86 0.19 0.00	36.50 0.25 0.00	35.62 0.25 0.00	36.72 0.11 0.00	37.42 0.11 0.00	46.76 0.14 0.00	56.67 -1.27 0.00	72.92 -1.34 0.00	68.70 -1.40 0.00	63.57 -1.36 0.00	53.58 -1.21 0.00	46.59 -1.00 0.00	41.80 -0.85 0.00	40.10 -0.86 0.00
ELEC_TRO_TEK 24086	41.00 2.21 0.00	37.46 1.72 0.00	36.44 1.54 0.00	35.53 1.43 0.00	36.47 1.50 0.00	39.71 1.56 0.00	47.32 2.38 0.00	48.73 2.76 0.00	47.05 2.66 0.00	41.28 2.23 0.00	39.97 2.30 0.00	38.56 2.32 0.00	37.56 2.19 0.00	38.91 2.31 0.00	39.62 2.31 0.00	49.46 2.84 0.00	61.07 3.13 0.00	78.34 4.08 0.00	73.89 3.79 0.00	68.64 3.70 0.00	57.53 2.74 0.00	50.40 2.81 0.00	45.13 2.47 0.00	42.92 1.97 0.00
ELLENBURG_WT_PWR 323604	38.05 -0.74 0.00	35.10 -0.64 0.00	34.34 -0.56 0.00	33.38 -0.72 0.00	34.34 -0.63 0.00	37.50 -0.65 0.00	44.31 -0.63 0.00	45.51 -0.46 0.00	44.17 -0.22 0.00	39.02 -0.04 0.00	37.60 -0.08 0.00	36.10 -0.14 0.00	35.33 -0.04 0.00	36.72 0.11 0.00	37.42 0.11 0.00	46.90 0.28 0.00	58.69 0.75 0.00	75.22 0.96 0.00	71.22 1.12 0.00	65.91 0.98 0.00	55.88 1.10 0.00	48.59 1.00 0.00	43.46 0.81 0.00	41.70 0.74 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.96 -2.83 0.00	33.96 -1.79 0.00	33.30 -1.61 0.00	33.00 -1.09 0.00	33.61 -1.36 0.00	36.28 -1.87 0.00	42.47 -2.47 0.00	42.80 -3.17 0.00	41.37 -3.02 0.00	36.87 -2.19 0.00	35.79 -1.88 0.00	34.83 -1.41 0.00	34.06 -1.31 0.00	35.22 -1.39 0.00	35.52 -1.79 0.00	44.10 -2.52 0.00	53.89 -4.06 0.00	70.02 -4.23 0.00	65.83 -4.28 0.00	60.19 -4.74 0.00	50.79 -4.00 0.00	44.36 -3.24 0.00	39.88 -2.77 0.00	38.46 -2.50 0.00
EMPIRE_CC_1 323656	39.61 0.82 0.00	36.46 0.71 0.00	35.53 0.63 0.00	34.81 0.72 0.00	35.63 0.66 0.00	38.99 0.84 0.00	45.79 0.85 0.00	46.75 0.78 0.00	44.97 0.58 0.00	39.33 0.28 0.00	37.82 0.15 0.00	36.24 0.00 0.00	35.40 0.04 0.00	36.61 0.00 0.00	37.46 0.15 0.00	46.99 0.37 0.00	58.40 0.46 0.00	74.40 0.15 0.00	70.39 0.28 0.00	65.39 0.46 0.00	55.22 0.44 0.00	47.64 0.05 0.00	42.74 0.09 0.00	41.41 0.45 0.00
EMPIRE_CC_2 323658	39.61 0.82 0.00	36.46 0.71 0.00	35.53 0.63 0.00	34.81 0.72 0.00	35.63 0.66 0.00	38.99 0.84 0.00	45.79 0.85 0.00	46.75 0.78 0.00	44.97 0.58 0.00	39.33 0.28 0.00	37.82 0.15 0.00	36.24 0.00 0.00	35.40 0.04 0.00	36.61 0.00 0.00	37.46 0.15 0.00	46.99 0.37 0.00	58.40 0.46 0.00	74.40 0.15 0.00	70.39 0.28 0.00	65.39 0.46 0.00	55.22 0.44 0.00	47.64 0.05 0.00	42.74 0.09 0.00	41.41 0.45 0.00
ENORWICH_115KV_TB1 80156	40.42 1.63 0.00	37.39 1.64 0.00	36.65 1.75 0.00	35.73 1.64 0.00	36.65 1.68 0.00	40.02 1.87 0.00	47.01 2.07 0.00	48.73 2.76 0.00	47.28 2.89 0.00	41.48 2.42 0.00	39.82 2.15 0.00	38.35 2.10 0.00	37.35 1.98 0.00	38.51 1.90 0.00	39.51 2.20 0.00	50.11 3.50 0.00	62.40 4.46 0.00	80.86 6.61 0.00	76.13 6.03 0.00	70.91 5.97 0.00	59.34 4.55 0.00	51.54 3.95 0.00	46.03 3.37 0.00	43.82 2.87 0.00
ERIE_ST__34_KV_TB1-2 80199	35.84 -2.95 0.00	33.89 -1.86 0.00	33.23 -1.68 0.00	33.00 -1.09 0.00	33.54 -1.43 0.00	36.20 -1.95 0.00	42.56 -2.38 0.00	42.98 -2.99 0.00	41.51 -2.89 0.00	37.02 -2.03 0.00	35.94 -1.73 0.00	35.01 -1.23 0.00	34.20 -1.17 0.00	35.36 -1.24 0.00	35.67 -1.64 0.00	44.33 -2.28 0.00	54.12 -3.82 0.00	70.47 -3.79 0.00	66.18 -3.93 0.00	60.45 -4.48 0.00	51.06 -3.73 0.00	44.55 -3.05 0.00	39.97 -2.69 0.00	38.50 -2.46 0.00
ERIE_WT_PWR 323693	36.35 -2.44 0.00	33.96 -1.79 0.00	33.26 -1.64 0.00	32.83 -1.26 0.00	33.82 -1.15 0.00	36.78 -1.37 0.00	42.70 -2.25 0.00	42.84 -3.13 0.00	41.55 -2.84 0.00	37.02 -2.03 0.00	35.94 -1.73 0.00	34.97 -1.27 0.00	34.20 -1.17 0.00	35.36 -1.24 0.00	35.70 -1.60 0.00	44.34 -2.28 0.00	53.88 -4.06 0.00	70.39 -3.86 0.00	66.18 -3.92 0.00	60.45 -4.48 0.00	51.06 -3.73 0.00	44.59 -3.00 0.00	40.05 -2.60 0.00	38.70 -2.25 0.00
ESPRGFLD_115KV_TB1 80157	39.37 0.58 0.00	36.28 0.54 0.00	35.39 0.49 0.00	34.57 0.48 0.00	35.43 0.45 0.00	38.72 0.57 0.00	45.53 0.58 0.00	46.52 0.55 0.00	44.52 0.13 0.00	39.02 -0.04 0.00	37.71 0.04 0.00	36.28 0.04 0.00	35.30 -0.07 0.00	36.57 -0.04 0.00	37.35 0.04 0.00	47.13 0.51 0.00	58.75 0.81 0.00	75.59 1.34 0.00	71.30 1.19 0.00	66.36 1.43 0.00	55.61 0.82 0.00	48.31 0.71 0.00	43.42 0.77 0.00	41.45 0.49 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.06 0.27 0.00	36.10 0.36 0.00	35.29 0.38 0.00	34.57 0.48 0.00	35.39 0.42 0.00	38.61 0.46 0.00	45.35 0.40 0.00	46.34 0.37 0.00	45.06 0.67 0.00	39.60 0.55 0.00	38.16 0.49 0.00	36.79 0.54 0.00	35.90 0.53 0.00	37.01 0.40 0.00	37.79 0.49 0.00	47.32 0.70 0.00	58.35 0.41 0.00	75.22 0.97 0.00	70.95 0.84 0.00	65.65 0.71 0.00	55.28 0.49 0.00	48.12 0.52 0.00	43.08 0.43 0.00	41.24 0.29 0.00
ETNA____115KV_TB2 80207	39.06 0.27 0.00	36.10 0.36 0.00	35.29 0.38 0.00	34.57 0.48 0.00	35.39 0.42 0.00	38.61 0.46 0.00	45.35 0.40 0.00	46.34 0.37 0.00	45.06 0.67 0.00	39.60 0.55 0.00	38.16 0.49 0.00	36.79 0.54 0.00	35.90 0.53 0.00	37.01 0.40 0.00	37.79 0.49 0.00	47.32 0.70 0.00	58.35 0.41 0.00	75.22 0.97 0.00	70.95 0.84 0.00	65.65 0.71 0.00	55.28 0.49 0.00	48.12 0.52 0.00	43.08 0.43 0.00	41.24 0.29 0.00
EUCLID__115KV_TB2 356179	38.05 -0.74 0.00	35.14 -0.61 0.00	34.35 -0.56 0.00	33.62 -0.48 0.00	34.45 -0.52 0.00	37.54 -0.61 0.00	44.00 -0.94 0.00	44.82 -1.15 0.00	43.46 -0.93 0.00	38.31 -0.74 0.00	36.99 -0.68 0.00	35.63 -0.62 0.00	34.77 -0.60 0.00	35.91 -0.70 0.00	36.56 -0.75 0.00	45.64 -0.98 0.00	56.38 -1.56 0.00	72.47 -1.78 0.00	68.35 -1.75 0.00	63.25 -1.69 0.00	53.31 -1.48 0.00	46.35 -1.24 0.00	41.59 -1.07 0.00	39.93 -1.02 0.00
E_CANADA_CAP_HY 24051	39.49 0.70 0.00	36.32 0.57 0.00	35.43 0.52 0.00	34.64 0.54 0.00	35.42 0.45 0.00	38.84 0.69 0.00	45.39 0.45 0.00	46.30 0.32 0.00	43.81 -0.58 0.00	38.16 -0.90 0.00	36.96 -0.72 0.00	35.48 -0.76 0.00	34.49 -0.88 0.00	35.84 -0.77 0.00	36.64 -0.67 0.00	46.53 -0.09 0.00	58.23 0.29 0.00	74.92 0.67 0.00	70.81 0.70 0.00	65.97 1.04 0.00	55.22 0.44 0.00	47.88 0.29 0.00	43.30 0.64 0.00	41.37 0.41 0.00
E_CANADA_MHWK_HY 24050	40.38 1.59 0.00	37.21 1.47 0.00	36.37 1.47 0.00	35.46 1.37 0.00	36.37 1.40 0.00	39.60 1.45 0.00	46.56 1.62 0.00	47.58 1.61 0.00	45.90 1.51 0.00	40.34 1.29 0.00	39.07 1.39 0.00	37.62 1.38 0.00	36.71 1.34 0.00	38.03 1.43 0.00	38.84 1.53 0.00	48.67 2.05 0.00	60.37 2.43 0.00	77.67 3.42 0.00	73.40 3.30 0.00	68.18 3.25 0.00	57.47 2.68 0.00	49.97 2.38 0.00	44.87 2.22 0.00	43.09 2.13 0.00
E_FISHKILL__LBMP 23776	40.38 1.59 0.00	37.07 1.32 0.00	36.13 1.22 0.00	35.25 1.16 0.00	36.16 1.19 0.00	39.41 1.26 0.00	46.74 1.80 0.00	48.04 2.07 0.00	46.30 1.91 0.00	40.70 1.64 0.00	39.33 1.66 0.00	37.95 1.70 0.00	37.00 1.63 0.00	38.25 1.65 0.00	38.95 1.64 0.00	48.48 1.86 0.00	60.03 2.09 0.00	76.71 2.45 0.00	72.35 2.24 0.00	67.21 2.27 0.00	56.60 1.81 0.00	49.30 1.71 0.00	44.15 1.49 0.00	42.19 1.23 0.00
FALCON__SEABRD_CC1 323796	38.25 -0.54 0.00	35.28 -0.47 0.00	34.49 -0.42 0.00	33.51 -0.58 0.00	34.48 -0.49 0.00	37.65 -0.50 0.00	44.54 -0.41 0.00	45.74 -0.23 0.00	44.44 0.04 0.00	39.25 0.20 0.00	37.79 0.11 0.00	36.28 0.04 0.00	35.55 0.18 0.00	36.90 0.29 0.00	37.60 0.30 0.00	47.18 0.56 0.00	59.10 1.16 0.00	75.74 1.48 0.00	71.72 1.61 0.00	66.36 1.43 0.00	56.27 1.48 0.00	48.97 1.38 0.00	43.76 1.11 0.00	41.98 1.02 0.00
FALCON__SEABRD_CC2 323797	38.25 -0.54 0.00	35.28 -0.47 0.00	34.49 -0.42 0.00	33.51 -0.58 0.00	34.48 -0.49 0.00	37.65 -0.50 0.00	44.54 -0.41 0.00	45.74 -0.23 0.00	44.44 0.04 0.00	39.25 0.20 0.00	37.79 0.11 0.00	36.28 0.04 0.00	35.55 0.18 0.00	36.90 0.29 0.00	37.60 0.30 0.00	47.18 0.56 0.00	59.10 1.16 0.00	75.74 1.48 0.00	71.72 1.61 0.00	66.36 1.43 0.00	56.27 1.48 0.00	48.97 1.38 0.00	43.76 1.11 0.00	41.98 1.02 0.00

FAR ROCKAWAY___4 23548	41.47 2.68 0.00	37.89 2.14 0.00	36.82 1.92 0.00	35.90 1.81 0.00	36.86 1.89 0.00	40.13 1.98 0.00	47.82 2.88 0.00	49.24 3.26 0.00	47.59 3.20 0.00	41.71 2.66 0.00	40.42 2.75 0.00	38.96 2.72 0.00	37.95 2.58 0.00	39.31 2.71 0.00	40.03 2.72 0.00	50.02 3.40 0.00	61.77 3.82 0.00	79.30 5.05 0.00	74.80 4.70 0.00	69.48 4.55 0.00	58.24 3.45 0.00	51.07 3.47 0.00	45.68 3.03 0.00	43.41 2.46 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	41.00 2.21 0.00	37.64 1.89 0.00	36.65 1.75 0.00	35.80 1.70 0.00	36.68 1.71 0.00	39.90 1.75 0.00	47.46 2.52 0.00	48.82 2.85 0.00	47.10 2.71 0.00	41.44 2.38 0.00	40.10 2.41 -0.01	38.72 2.46 -0.01	37.75 2.37 -0.01	39.04 2.42 -0.01	39.67 2.35 -0.01	49.23 2.61 0.00	60.90 2.96 0.00	77.67 3.42 0.00	73.26 3.15 0.00	68.12 3.18 0.00	57.36 2.58 0.00	50.07 2.47 0.00	44.83 2.18 0.00	42.72 1.76 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	41.04 2.25 0.00	37.64 1.89 0.00	36.65 1.75 0.00	35.80 1.70 0.00	36.68 1.71 0.00	39.90 1.75 0.00	47.46 2.52 0.00	48.87 2.90 0.00	47.10 2.71 0.00	41.48 2.42 0.00	40.10 2.41 -0.01	38.72 2.46 -0.01	37.75 2.37 -0.01	39.04 2.42 -0.01	39.71 2.39 -0.01	49.23 2.61 0.00	60.90 2.96 0.00	77.75 3.49 0.00	73.26 3.15 0.00	68.12 3.18 0.00	57.36 2.58 0.00	50.07 2.47 0.00	44.83 2.18 0.00	42.76 1.80 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	41.00 2.21 0.00	37.64 1.89 0.00	36.65 1.75 0.00	35.76 1.67 0.00	36.65 1.68 0.00	39.90 1.75 0.00	47.46 2.52 0.00	48.82 2.85 0.00	47.05 2.66 0.00	41.44 2.38 0.00	40.10 2.41 -0.01	38.72 2.46 -0.01	37.75 2.37 -0.01	39.04 2.42 -0.01	39.67 2.35 -0.01	49.23 2.61 0.00	60.84 2.90 0.00	77.67 3.42 0.00	73.26 3.15 0.00	68.05 3.12 0.00	57.36 2.58 0.00	50.02 2.43 0.00	44.79 2.13 0.00	42.72 1.76 0.00
FARRAGUT___LBMP 323566	40.96 2.17 0.00	37.61 1.86 0.00	36.61 1.71 0.00	35.76 1.67 0.00	36.65 1.68 0.00	39.87 1.72 0.00	47.41 2.47 0.00	48.78 2.80 0.00	47.05 2.66 0.00	41.40 2.34 0.00	40.06 2.37 -0.01	38.69 2.43 -0.01	37.72 2.33 -0.01	39.00 2.38 -0.01	39.63 2.31 -0.01	49.18 2.56 0.00	60.84 2.90 0.00	77.60 3.34 0.00	73.19 3.08 0.00	68.05 3.12 0.00	57.31 2.52 0.00	50.02 2.43 0.00	44.79 2.13 0.00	42.68 1.72 0.00
FENNER___WINDPWR 24204	39.22 0.43 0.00	36.18 0.43 0.00	35.36 0.45 0.00	34.50 0.41 0.00	35.42 0.45 0.00	38.64 0.49 0.00	45.44 0.50 0.00	46.43 0.46 0.00	45.01 0.62 0.00	39.53 0.47 0.00	38.13 0.45 0.00	36.68 0.44 0.00	35.76 0.39 0.00	36.93 0.33 0.00	37.72 0.41 0.00	47.22 0.60 0.00	58.52 0.58 0.00	75.29 1.04 0.00	71.09 0.98 0.00	65.91 0.98 0.00	55.45 0.66 0.00	48.21 0.62 0.00	43.17 0.51 0.00	41.41 0.45 0.00
FIBERTEK___ENERGY 23856	38.40 -0.39 0.00	35.50 -0.25 0.00	34.66 -0.24 0.00	33.96 -0.14 0.00	34.76 -0.21 0.00	37.92 -0.23 0.00	44.45 -0.49 0.00	45.33 -0.64 0.00	44.39 0.00 0.00	39.09 0.04 0.00	37.79 0.11 0.00	36.43 0.18 0.00	35.55 0.18 0.00	36.64 0.04 0.00	37.35 0.04 0.00	46.62 0.00 0.00	57.01 -0.93 0.00	73.36 -0.89 0.00	69.12 -0.98 0.00	63.96 -0.97 0.00	53.86 -0.93 0.00	46.88 -0.71 0.00	42.02 -0.64 0.00	40.34 -0.61 0.00
FITZPATRICK___ 23598	37.43 -1.36 0.00	34.57 -1.18 0.00	33.79 -1.12 0.00	33.04 -1.06 0.00	33.89 -1.08 0.00	36.89 -1.26 0.00	43.37 -1.57 0.00	44.27 -1.70 0.00	42.75 -1.64 0.00	37.65 -1.40 0.00	36.32 -1.35 0.00	35.01 -1.23 0.00	34.13 -1.24 0.00	35.29 -1.32 0.00	35.93 -1.38 0.00	44.80 -1.82 0.00	55.62 -2.32 0.00	71.43 -2.82 0.00	67.37 -2.74 0.00	62.40 -2.53 0.00	52.60 -2.19 0.00	45.73 -1.86 0.00	41.03 -1.62 0.00	39.44 -1.51 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.77 1.98 0.00	37.46 1.72 0.00	36.51 1.61 0.00	35.59 1.50 0.00	36.54 1.57 0.00	39.79 1.64 0.00	47.23 2.29 0.00	48.50 2.53 0.00	46.79 2.40 0.00	41.16 2.11 0.00	39.74 2.07 0.00	38.31 2.07 0.00	37.31 1.95 0.00	38.58 1.98 0.00	39.25 1.94 0.00	48.95 2.33 0.00	60.78 2.84 0.00	77.75 3.49 0.00	73.33 3.22 0.00	68.05 3.12 0.00	57.20 2.41 0.00	49.88 2.28 0.00	44.57 1.92 0.00	42.55 1.60 0.00
FORT ORANGE___ 23900	39.76 0.97 0.00	36.60 0.86 0.00	35.67 0.77 0.00	34.91 0.82 0.00	35.74 0.77 0.00	39.06 0.91 0.00	45.93 0.99 0.00	46.89 0.92 0.00	45.19 0.80 0.00	39.53 0.47 0.00	38.09 0.42 0.00	36.53 0.29 0.00	35.62 0.25 0.00	36.90 0.29 0.00	37.68 0.37 0.00	47.22 0.60 0.00	58.69 0.75 0.00	75.07 0.82 0.00	70.95 0.84 0.00	65.91 0.98 0.00	55.50 0.71 0.00	48.07 0.48 0.00	43.17 0.51 0.00	41.57 0.62 0.00
FORT_DRUM_COGEN 23780	38.71 -0.08 0.00	35.64 -0.11 0.00	34.90 0.00 0.00	33.85 -0.24 0.00	34.76 -0.21 0.00	37.88 -0.27 0.00	44.45 -0.49 0.00	45.42 -0.55 0.00	43.95 -0.44 0.00	38.51 -0.55 0.00	36.96 -0.72 0.00	35.48 -0.76 0.00	34.59 -0.78 0.00	35.73 -0.88 0.00	36.52 -0.78 0.00	46.06 -0.56 0.00	57.71 -0.23 0.00	74.78 0.52 0.00	71.09 0.98 0.00	66.30 1.36 0.00	55.61 0.82 0.00	48.26 0.67 0.00	43.17 0.51 0.00	41.28 0.33 0.00
FOX_HILLS___ESR 323835	41.55 2.75 -0.01	38.15 2.40 -0.01	37.18 2.27 -0.01	36.28 2.18 -0.01	37.18 2.20 -0.01	40.40 2.25 0.00	47.73 2.79 0.00	48.96 2.99 0.00	47.05 2.66 0.00	41.44 2.38 0.00	40.10 2.41 -0.02	38.76 2.50 -0.02	37.79 2.41 -0.02	39.07 2.45 -0.02	39.75 2.42 -0.02	49.18 2.56 0.00	60.20 2.26 0.00	77.14 2.90 0.01	72.76 2.66 0.01	67.46 2.53 0.01	56.87 2.08 0.00	50.26 2.67 0.00	45.26 2.60 0.00	43.29 2.33 0.00
FPL_FAR_ROCK_GT1 24212	41.62 2.83 0.00	38.00 2.25 0.00	36.96 2.06 0.00	36.00 1.91 0.00	37.03 2.06 0.00	40.28 2.14 0.00	47.86 2.92 0.00	49.28 3.31 0.00	47.59 3.20 0.00	41.71 2.66 0.00	40.42 2.75 0.00	38.93 2.68 0.00	37.95 2.58 0.00	39.31 2.71 0.00	40.03 2.72 0.00	49.98 3.36 0.00	61.82 3.88 0.00	79.31 5.05 0.00	74.80 4.70 0.00	69.48 4.54 0.00	58.24 3.45 0.00	51.06 3.47 0.00	45.68 3.03 0.00	43.41 2.46 0.00
FPL_FAR_ROCK_GT2 23815	41.62 2.83 0.00	38.00 2.25 0.00	36.96 2.06 0.00	36.00 1.91 0.00	37.03 2.06 0.00	40.28 2.14 0.00	47.86 2.92 0.00	49.28 3.31 0.00	47.59 3.20 0.00	41.71 2.66 0.00	40.42 2.75 0.00	38.93 2.68 0.00	37.95 2.58 0.00	39.31 2.71 0.00	40.03 2.72 0.00	49.98 3.36 0.00	61.82 3.88 0.00	79.31 5.05 0.00	74.80 4.70 0.00	69.48 4.54 0.00	58.24 3.45 0.00	51.06 3.47 0.00	45.68 3.03 0.00	43.41 2.46 0.00
FRANKLIN_FALL_HYD 24054	38.71 -0.08 0.00	35.68 -0.07 0.00	34.90 0.00 0.00	33.89 -0.20 0.00	34.87 -0.10 0.00	38.04 -0.11 0.00	45.08 0.13 0.00	46.34 0.37 0.00	45.01 0.62 0.00	39.76 0.70 0.00	38.20 0.53 0.00	36.64 0.40 0.00	35.93 0.57 0.00	37.30 0.70 0.00	37.98 0.67 0.00	47.64 1.03 0.00	59.74 1.80 0.00	76.48 2.23 0.00	72.49 2.38 0.00	67.08 2.14 0.00	56.98 2.19 0.00	49.54 1.95 0.00	44.19 1.54 0.00	42.35 1.39 0.00

FREEPORT_EQUS_GT1 23764	41.39 2.60 0.00	37.75 2.00 0.00	36.72 1.81 0.00	35.76 1.67 0.00	36.79 1.82 0.00	40.06 1.91 0.00	47.55 2.61 0.00	48.96 2.99 0.00	47.32 2.93 0.00	41.44 2.38 0.00	40.16 2.49 0.00	38.71 2.47 0.00	37.74 2.37 0.00	39.10 2.49 0.00	39.81 2.50 0.00	49.74 3.12 0.00	61.54 3.59 0.00	79.01 4.76 0.00	74.52 4.42 0.00	69.15 4.22 0.00	57.97 3.18 0.00	50.78 3.19 0.00	45.43 2.77 0.00	43.17 2.21 0.00
FREEPORT___CT2 23818	41.39 2.60 0.00	37.75 2.00 0.00	36.72 1.81 0.00	35.76 1.67 0.00	36.79 1.82 0.00	40.06 1.91 0.00	47.55 2.61 0.00	48.96 2.99 0.00	47.32 2.93 0.00	41.44 2.38 0.00	40.16 2.49 0.00	38.71 2.47 0.00	37.74 2.37 0.00	39.10 2.49 0.00	39.81 2.50 0.00	49.74 3.12 0.00	61.54 3.59 0.00	79.01 4.76 0.00	74.52 4.42 0.00	69.15 4.22 0.00	57.97 3.18 0.00	50.78 3.19 0.00	45.43 2.77 0.00	43.17 2.21 0.00
FRESHKLS_33_KV_LOAD 356253	41.86 3.06 -0.01	38.44 2.68 -0.01	37.43 2.51 -0.01	36.56 2.45 -0.01	37.46 2.48 -0.01	40.74 2.59 0.00	48.04 3.10 0.00	49.24 3.26 0.00	47.28 2.89 0.00	41.63 2.58 0.00	40.25 2.56 -0.02	38.94 2.68 -0.02	37.97 2.58 -0.02	39.29 2.67 -0.02	39.93 2.61 -0.02	49.42 2.80 0.00	60.32 2.38 0.00	77.37 3.12 0.01	72.97 2.87 0.01	67.59 2.66 0.01	57.03 2.25 0.00	50.59 3.00 0.00	45.56 2.90 0.00	43.58 2.62 0.00
FULTON COGEN____ 23766	37.90 -0.89 0.00	35.00 -0.75 0.00	34.21 -0.70 0.00	33.45 -0.65 0.00	34.27 -0.70 0.00	37.35 -0.80 0.00	43.73 -1.21 0.00	44.64 -1.33 0.00	43.10 -1.29 0.00	37.96 -1.09 0.00	36.66 -1.02 0.00	35.30 -0.94 0.00	34.41 -0.95 0.00	35.54 -1.06 0.00	36.23 -1.08 0.00	45.17 -1.45 0.00	56.15 -1.80 0.00	72.10 -2.15 0.00	68.00 -2.10 0.00	62.99 -1.95 0.00	53.04 -1.75 0.00	46.12 -1.48 0.00	41.38 -1.28 0.00	39.73 -1.23 0.00
FULTON___LFGE 323630	40.11 1.32 0.00	36.93 1.18 0.00	35.99 1.08 0.00	35.22 1.12 0.00	36.02 1.05 0.00	39.48 1.33 0.00	46.25 1.30 0.00	47.12 1.15 0.00	44.57 0.18 0.00	38.74 -0.31 0.00	37.41 -0.26 0.00	35.81 -0.43 0.00	34.77 -0.60 0.00	36.24 -0.37 0.00	37.09 -0.22 0.00	47.22 0.60 0.00	59.33 1.39 0.00	76.26 2.01 0.00	72.14 2.03 0.00	67.21 2.27 0.00	56.27 1.48 0.00	48.78 1.19 0.00	43.93 1.28 0.00	41.98 1.02 0.00
G.F.CEMENT___DRP 24184	40.19 1.40 0.00	37.00 1.25 0.00	36.02 1.12 0.00	35.29 1.19 0.00	36.13 1.15 0.00	39.64 1.49 0.00	46.56 1.62 0.00	47.72 1.75 0.00	45.77 1.38 0.00	39.91 0.86 0.00	38.39 0.72 0.00	36.64 0.40 0.00	35.55 0.18 0.00	36.94 0.33 0.00	37.68 0.37 0.00	47.60 0.98 0.00	59.51 1.56 0.00	76.26 2.00 0.00	72.14 2.03 0.00	67.14 2.21 0.00	56.43 1.64 0.00	48.88 1.28 0.00	43.94 1.28 0.00	42.19 1.23 0.00
GARDENVILLE___LBMP 24039	35.76 -3.03 0.00	33.85 -1.89 0.00	33.23 -1.68 0.00	32.97 -1.13 0.00	33.54 -1.43 0.00	36.20 -1.95 0.00	42.42 -2.52 0.00	42.80 -3.17 0.00	41.37 -3.02 0.00	36.87 -2.19 0.00	35.79 -1.88 0.00	34.83 -1.41 0.00	34.02 -1.34 0.00	35.18 -1.43 0.00	35.48 -1.83 0.00	44.10 -2.52 0.00	53.89 -4.06 0.00	70.17 -4.08 0.00	65.97 -4.14 0.00	60.26 -4.68 0.00	50.90 -3.89 0.00	44.45 -3.14 0.00	39.93 -2.73 0.00	38.46 -2.50 0.00
GARDNVLA_35_KV_LD 355827	36.04 -2.75 0.00	34.07 -1.68 0.00	33.44 -1.47 0.00	33.17 -0.92 0.00	33.75 -1.22 0.00	36.43 -1.72 0.00	42.74 -2.20 0.00	43.08 -2.90 0.00	41.68 -2.71 0.00	37.14 -1.91 0.00	36.05 -1.62 0.00	35.12 -1.12 0.00	34.31 -1.06 0.00	35.51 -1.10 0.00	35.82 -1.49 0.00	44.47 -2.14 0.00	54.35 -3.59 0.00	70.69 -3.56 0.00	66.39 -3.72 0.00	60.71 -4.22 0.00	51.23 -3.56 0.00	44.74 -2.86 0.00	40.18 -2.47 0.00	38.70 -2.25 0.00
GELCKHM___115KV_LOAD 80723	38.17 -0.62 0.00	35.28 -0.46 0.00	34.45 -0.45 0.00	33.75 -0.34 0.00	34.55 -0.42 0.00	37.65 -0.50 0.00	44.13 -0.81 0.00	45.01 -0.97 0.00	43.81 -0.58 0.00	38.59 -0.47 0.00	37.30 -0.38 0.00	35.92 -0.33 0.00	35.05 -0.32 0.00	36.17 -0.44 0.00	36.86 -0.45 0.00	46.01 -0.61 0.00	56.67 -1.27 0.00	72.84 -1.41 0.00	68.63 -1.47 0.00	63.51 -1.43 0.00	53.53 -1.26 0.00	46.54 -1.05 0.00	41.76 -0.90 0.00	40.10 -0.86 0.00
GENERAL___MILLS 23808	35.92 -2.87 0.00	33.96 -1.79 0.00	33.33 -1.57 0.00	33.07 -1.02 0.00	33.64 -1.33 0.00	36.32 -1.83 0.00	42.60 -2.34 0.00	42.94 -3.03 0.00	41.51 -2.89 0.00	37.02 -2.03 0.00	35.94 -1.73 0.00	34.98 -1.27 0.00	34.17 -1.20 0.00	35.32 -1.28 0.00	35.67 -1.64 0.00	44.29 -2.33 0.00	54.06 -3.88 0.00	70.39 -3.86 0.00	66.11 -4.00 0.00	60.45 -4.48 0.00	51.01 -3.78 0.00	44.55 -3.05 0.00	40.01 -2.64 0.00	38.58 -2.38 0.00
GE_PLASTICS___DRP 24183	39.45 0.66 0.00	36.28 0.54 0.00	35.39 0.49 0.00	34.57 0.48 0.00	35.46 0.49 0.00	38.76 0.61 0.00	45.71 0.76 0.00	46.75 0.78 0.00	45.06 0.67 0.00	39.49 0.43 0.00	38.09 0.41 0.00	36.61 0.36 0.00	35.69 0.32 0.00	36.94 0.33 0.00	37.68 0.37 0.00	47.18 0.56 0.00	58.52 0.58 0.00	74.78 0.52 0.00	70.67 0.56 0.00	65.65 0.71 0.00	55.34 0.55 0.00	47.92 0.33 0.00	43.04 0.38 0.00	41.45 0.49 0.00
GILBOA___1 23756	39.64 0.85 0.00	36.50 0.75 0.00	35.57 0.66 0.00	34.78 0.68 0.00	35.63 0.66 0.00	38.91 0.76 0.00	45.89 0.95 0.00	46.98 1.01 0.00	45.28 0.89 0.00	39.76 0.70 0.00	38.39 0.71 0.00	36.93 0.69 0.00	36.04 0.67 0.00	37.27 0.66 0.00	37.98 0.67 0.00	47.46 0.84 0.00	58.87 0.92 0.00	75.15 0.89 0.00	70.95 0.84 0.00	65.97 1.04 0.00	55.61 0.82 0.00	48.31 0.71 0.00	43.30 0.64 0.00	41.53 0.57 0.00
GILBOA___2 23757	39.64 0.85 0.00	36.50 0.75 0.00	35.57 0.66 0.00	34.78 0.68 0.00	35.63 0.66 0.00	38.91 0.76 0.00	45.89 0.95 0.00	46.98 1.01 0.00	45.28 0.89 0.00	39.76 0.70 0.00	38.39 0.71 0.00	36.93 0.69 0.00	36.04 0.67 0.00	37.27 0.66 0.00	37.98 0.67 0.00	47.46 0.84 0.00	58.87 0.92 0.00	75.15 0.89 0.00	70.95 0.84 0.00	65.97 1.04 0.00	55.61 0.82 0.00	48.31 0.71 0.00	43.30 0.64 0.00	41.53 0.57 0.00
GILBOA___3 23758	39.64 0.85 0.00	36.50 0.75 0.00	35.57 0.66 0.00	34.78 0.68 0.00	35.63 0.66 0.00	38.91 0.76 0.00	45.89 0.95 0.00	46.98 1.01 0.00	45.28 0.89 0.00	39.76 0.70 0.00	38.39 0.71 0.00	36.93 0.69 0.00	36.04 0.67 0.00	37.27 0.66 0.00	37.98 0.67 0.00	47.46 0.84 0.00	58.87 0.92 0.00	75.15 0.89 0.00	70.95 0.84 0.00	65.97 1.04 0.00	55.61 0.82 0.00	48.31 0.71 0.00	43.30 0.64 0.00	41.53 0.57 0.00
GILBOA___4 23759	39.64 0.85 0.00	36.50 0.75 0.00	35.57 0.66 0.00	34.78 0.68 0.00	35.63 0.66 0.00	38.91 0.76 0.00	45.89 0.95 0.00	46.98 1.01 0.00	45.28 0.89 0.00	39.76 0.70 0.00	38.39 0.71 0.00	36.93 0.69 0.00	36.04 0.67 0.00	37.27 0.66 0.00	37.98 0.67 0.00	47.46 0.84 0.00	58.87 0.92 0.00	75.15 0.89 0.00	70.95 0.84 0.00	65.97 1.04 0.00	55.61 0.82 0.00	48.31 0.71 0.00	43.30 0.64 0.00	41.53 0.57 0.00

GILBOA____ 23599	39.57 0.78 0.00	36.39 0.64 0.00	35.50 0.59 0.00	34.67 0.58 0.00	35.57 0.59 0.00	38.84 0.69 0.00	45.84 0.90 0.00	46.98 1.01 0.00	45.28 0.89 0.00	39.76 0.70 0.00	38.39 0.72 0.00	36.97 0.72 0.00	36.04 0.67 0.00	37.27 0.66 0.00	37.98 0.67 0.00	47.46 0.84 0.00	58.87 0.93 0.00	75.15 0.89 0.00	70.95 0.84 0.00	65.97 1.04 0.00	55.61 0.82 0.00	48.31 0.71 0.00	43.30 0.64 0.00	41.53 0.57 0.00
GINNA____ 23603	35.88 -2.91 0.00	33.21 -2.54 0.00	32.53 -2.37 0.00	31.88 -2.22 0.00	32.70 -2.27 0.00	35.67 -2.48 0.00	41.70 -3.24 0.00	42.16 -3.82 0.00	41.06 -3.33 0.00	36.32 -2.73 0.00	35.22 -2.45 0.00	33.96 -2.28 0.00	33.21 -2.16 0.00	34.19 -2.42 0.00	34.77 -2.54 0.00	43.31 -3.31 0.00	53.19 -4.75 0.00	69.06 -5.20 0.00	64.99 -5.11 0.00	59.87 -5.06 0.00	50.35 -4.44 0.00	43.93 -3.66 0.00	39.37 -3.28 0.00	37.84 -3.11 0.00
GLEN PARK____ 23778	38.75 -0.04 0.00	35.68 -0.07 0.00	34.94 0.03 0.00	33.89 -0.20 0.00	34.80 -0.17 0.00	37.92 -0.23 0.00	44.54 -0.41 0.00	45.51 -0.46 0.00	44.03 -0.36 0.00	38.55 -0.51 0.00	37.00 -0.68 0.00	35.52 -0.72 0.00	34.59 -0.78 0.00	35.69 -0.91 0.00	36.52 -0.79 0.00	46.11 -0.51 0.00	57.83 -0.12 0.00	75.00 0.74 0.00	71.30 1.19 0.00	66.49 1.56 0.00	55.78 0.99 0.00	48.40 0.81 0.00	43.25 0.60 0.00	41.41 0.45 0.00
GLENDALE_27_KV_LOAD 356172	41.23 2.44 0.00	37.82 2.07 0.00	36.82 1.92 0.00	35.97 1.88 0.00	36.86 1.89 0.00	40.06 1.91 0.00	47.59 2.65 0.00	48.91 2.94 0.00	47.14 2.75 0.00	41.56 2.50 0.00	40.17 2.49 -0.02	38.83 2.57 -0.02	37.86 2.48 -0.02	39.15 2.53 -0.02	39.79 2.46 -0.02	49.28 2.66 0.00	60.72 2.78 0.00	77.51 3.27 0.01	73.11 3.01 0.01	67.91 2.99 0.01	57.31 2.52 0.00	50.16 2.57 0.00	45.04 2.39 0.00	42.96 2.01 0.00
GLENWOOD_IC_1_G5 23712	41.04 2.25 0.00	37.57 1.82 0.00	36.55 1.64 0.00	35.63 1.53 0.00	36.58 1.61 0.00	39.83 1.68 0.00	47.41 2.47 0.00	48.78 2.80 0.00	47.10 2.71 0.00	41.36 2.30 0.00	40.05 2.37 0.00	38.64 2.39 0.00	37.67 2.30 0.00	38.98 2.38 0.00	39.66 2.35 0.00	49.42 2.80 0.00	61.13 3.19 0.00	78.27 4.01 0.00	73.82 3.72 0.00	68.57 3.64 0.00	57.58 2.79 0.00	50.35 2.76 0.00	45.04 2.39 0.00	42.88 1.92 0.00
GLENWOOD_IC_2_G1 23688	41.04 2.25 0.00	37.57 1.82 0.00	36.58 1.68 0.00	35.66 1.57 0.00	36.62 1.64 0.00	39.91 1.76 0.00	47.28 2.34 0.00	48.64 2.67 0.00	46.92 2.53 0.00	41.20 2.15 0.00	39.89 2.22 0.00	38.49 2.25 0.00	37.53 2.16 0.00	38.84 2.23 0.00	39.47 2.16 0.00	49.18 2.56 0.00	60.89 2.95 0.00	77.82 3.56 0.00	73.40 3.30 0.00	68.18 3.25 0.00	57.31 2.52 0.00	50.06 2.47 0.00	44.83 2.17 0.00	42.72 1.76 0.00
GLENWOOD_IC_3_G1 23689	41.04 2.25 0.00	37.57 1.82 0.00	36.58 1.68 0.00	35.66 1.57 0.00	36.62 1.64 0.00	39.91 1.76 0.00	47.28 2.34 0.00	48.64 2.67 0.00	46.92 2.53 0.00	41.20 2.15 0.00	39.89 2.22 0.00	38.49 2.25 0.00	37.53 2.16 0.00	38.84 2.23 0.00	39.47 2.16 0.00	49.18 2.56 0.00	60.89 2.95 0.00	77.82 3.56 0.00	73.40 3.30 0.00	68.18 3.25 0.00	57.31 2.52 0.00	50.06 2.47 0.00	44.83 2.17 0.00	42.72 1.76 0.00
GLENWOOD____4 23550	41.04 2.25 0.00	37.57 1.82 0.00	36.55 1.64 0.00	35.63 1.53 0.00	36.58 1.61 0.00	39.83 1.68 0.00	47.41 2.47 0.00	48.78 2.80 0.00	47.10 2.71 0.00	41.36 2.30 0.00	40.05 2.37 0.00	38.64 2.39 0.00	37.67 2.30 0.00	38.98 2.38 0.00	39.66 2.35 0.00	49.42 2.80 0.00	61.13 3.19 0.00	78.27 4.01 0.00	73.82 3.72 0.00	68.57 3.64 0.00	57.58 2.79 0.00	50.35 2.76 0.00	45.04 2.39 0.00	42.88 1.92 0.00
GLENWOOD____5 23614	41.04 2.25 0.00	37.57 1.82 0.00	36.55 1.64 0.00	35.63 1.53 0.00	36.58 1.61 0.00	39.83 1.68 0.00	47.41 2.47 0.00	48.78 2.80 0.00	47.10 2.71 0.00	41.36 2.30 0.00	40.05 2.37 0.00	38.64 2.39 0.00	37.67 2.30 0.00	38.98 2.38 0.00	39.66 2.35 0.00	49.42 2.80 0.00	61.13 3.19 0.00	78.27 4.01 0.00	73.82 3.72 0.00	68.57 3.64 0.00	57.58 2.79 0.00	50.35 2.76 0.00	45.04 2.39 0.00	42.88 1.92 0.00
GLOBAL GREEN_PORT_GT1 23814	41.39 2.60 0.00	37.61 1.86 0.00	36.55 1.64 0.00	35.56 1.47 0.00	36.62 1.64 0.00	39.87 1.72 0.00	47.01 2.07 0.00	48.54 2.57 0.00	47.01 2.62 0.00	41.09 2.03 0.00	40.01 2.34 0.00	38.74 2.50 0.00	37.81 2.44 0.00	39.31 2.71 0.00	40.07 2.76 0.00	50.44 3.82 0.00	62.81 4.87 0.00	81.31 7.06 0.00	76.84 6.73 0.00	71.11 6.17 0.00	59.17 4.38 0.00	52.06 4.47 0.00	46.50 3.84 0.00	44.24 3.28 0.00
GLOBE____DSASP 323697	35.61 -3.18 0.00	33.75 -2.00 0.00	33.05 -1.85 0.00	32.29 -1.81 0.00	33.29 -1.68 0.00	35.78 -2.37 0.00	41.39 -3.55 0.00	41.56 -4.41 0.00	40.22 -4.17 0.00	35.81 -3.24 0.00	34.77 -2.90 0.00	33.85 -2.39 0.00	33.07 -2.30 0.00	34.19 -2.42 0.00	34.47 -2.84 0.00	42.80 -3.82 0.00	52.26 -5.68 0.00	67.87 -6.39 0.00	63.73 -6.38 0.00	58.38 -6.56 0.00	49.25 -5.53 0.00	43.07 -4.52 0.00	38.77 -3.88 0.00	37.56 -3.40 0.00
GOETHSLN____LBMP 323567	40.81 2.02 0.00	37.46 1.72 0.00	36.44 1.54 0.00	35.59 1.50 0.00	36.47 1.50 0.00	39.68 1.53 0.00	47.19 2.25 0.00	48.59 2.62 0.00	46.92 2.53 0.00	41.28 2.23 0.00	39.98 2.30 -0.01	38.58 2.32 -0.01	37.61 2.23 -0.01	38.89 2.27 -0.01	39.52 2.20 -0.01	49.00 2.38 0.00	60.61 2.67 0.00	77.30 3.04 0.00	72.91 2.80 0.00	67.79 2.86 0.00	57.09 2.30 0.00	49.83 2.24 0.00	44.57 1.92 0.00	42.47 1.52 0.00
GOLAH____69_KV_TB 1_2 80279	37.39 -1.40 0.00	35.00 -0.75 0.00	34.31 -0.59 0.00	33.82 -0.27 0.00	34.45 -0.52 0.00	37.39 -0.76 0.00	43.68 -1.26 0.00	44.00 -1.98 0.00	42.75 -1.64 0.00	37.84 -1.21 0.00	36.66 -1.02 0.00	35.41 -0.83 0.00	34.66 -0.71 0.00	35.73 -0.88 0.00	36.23 -1.08 0.00	45.08 -1.54 0.00	55.33 -2.61 0.00	71.88 -2.38 0.00	67.72 -2.38 0.00	62.21 -2.73 0.00	52.38 -2.41 0.00	45.74 -1.86 0.00	41.08 -1.58 0.00	39.56 -1.39 0.00
GOODYEAR_LAKE_HYD 323669	39.68 0.89 0.00	36.53 0.79 0.00	35.71 0.80 0.00	34.84 0.75 0.00	35.71 0.73 0.00	38.99 0.84 0.00	45.93 0.99 0.00	47.03 1.06 0.00	45.37 0.98 0.00	39.88 0.82 0.00	38.50 0.83 0.00	37.08 0.83 0.00	36.11 0.74 0.00	37.34 0.73 0.00	38.09 0.78 0.00	47.78 1.17 0.00	59.33 1.39 0.00	76.19 1.93 0.00	71.79 1.68 0.00	66.75 1.82 0.00	56.05 1.26 0.00	48.73 1.14 0.00	43.68 1.02 0.00	41.74 0.78 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	38.60 -0.19 0.00	35.71 -0.04 0.00	34.90 0.00 0.00	34.23 0.14 0.00	35.04 0.07 0.00	38.15 0.00 0.00	44.90 -0.04 0.00	45.83 -0.14 0.00	44.39 0.00 0.00	39.13 0.08 0.00	37.79 0.11 0.00	36.46 0.22 0.00	35.58 0.21 0.00	36.75 0.15 0.00	37.42 0.11 0.00	46.67 0.05 0.00	57.59 -0.35 0.00	74.18 -0.07 0.00	69.82 -0.28 0.00	64.54 -0.39 0.00	54.41 -0.38 0.00	47.35 -0.24 0.00	42.44 -0.21 0.00	40.67 -0.29 0.00

GOUDEY___7 23579	38.60 -0.19 0.00	35.71 -0.04 0.00	34.90 0.00 0.00	34.23 0.14 0.00	35.04 0.07 0.00	38.15 0.00 0.00	44.90 -0.04 0.00	45.83 -0.14 0.00	44.39 0.00 0.00	39.13 0.08 0.00	37.79 0.11 0.00	36.46 0.22 0.00	35.58 0.21 0.00	36.75 0.15 0.00	37.42 0.11 0.00	46.67 0.05 0.00	57.59 -0.35 0.00	74.18 -0.07 0.00	69.82 -0.28 0.00	64.54 -0.39 0.00	54.41 -0.38 0.00	47.35 -0.24 0.00	42.44 -0.21 0.00	40.67 -0.29 0.00
GOUDEY___8 23580	38.60 -0.19 0.00	35.71 -0.04 0.00	34.90 0.00 0.00	34.23 0.14 0.00	35.04 0.07 0.00	38.15 0.00 0.00	44.90 -0.04 0.00	45.83 -0.14 0.00	44.39 0.00 0.00	39.13 0.08 0.00	37.79 0.11 0.00	36.46 0.22 0.00	35.58 0.21 0.00	36.75 0.15 0.00	37.42 0.11 0.00	46.67 0.05 0.00	57.59 -0.35 0.00	74.18 -0.07 0.00	69.82 -0.28 0.00	64.54 -0.39 0.00	54.41 -0.38 0.00	47.35 -0.24 0.00	42.44 -0.21 0.00	40.67 -0.29 0.00
GOWANUS_GT1_1 24077	41.36 2.56 -0.01	37.97 2.22 -0.01	36.97 2.06 -0.01	36.11 2.01 -0.01	37.01 2.03 -0.01	40.21 2.06 0.00	47.59 2.65 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.72 2.46 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.14 2.52 0.00	60.37 2.43 0.00	77.29 3.04 0.01	72.90 2.80 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.13 2.47 0.00	43.09 2.13 0.00
GOWANUS_GT1_2 24078	41.36 2.56 -0.01	37.97 2.22 -0.01	36.97 2.06 -0.01	36.11 2.01 -0.01	37.01 2.03 -0.01	40.21 2.06 0.00	47.59 2.65 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.72 2.46 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.14 2.52 0.00	60.37 2.43 0.00	77.29 3.04 0.01	72.90 2.80 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.13 2.47 0.00	43.09 2.13 0.00
GOWANUS_GT1_3 24079	41.36 2.56 -0.01	37.97 2.22 -0.01	36.97 2.06 -0.01	36.11 2.01 -0.01	37.01 2.03 -0.01	40.21 2.06 0.00	47.59 2.65 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.72 2.46 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.14 2.52 0.00	60.37 2.43 0.00	77.29 3.04 0.01	72.90 2.80 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.13 2.47 0.00	43.09 2.13 0.00
GOWANUS_GT1_4 24080	41.36 2.56 -0.01	37.97 2.22 -0.01	36.97 2.06 -0.01	36.11 2.01 -0.01	37.01 2.03 -0.01	40.21 2.06 0.00	47.59 2.65 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.72 2.46 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.14 2.52 0.00	60.37 2.43 0.00	77.29 3.04 0.01	72.90 2.80 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.13 2.47 0.00	43.09 2.13 0.00
GOWANUS_GT1_5 24084	41.36 2.56 -0.01	37.97 2.22 -0.01	36.97 2.06 -0.01	36.11 2.01 -0.01	37.01 2.03 -0.01	40.21 2.06 0.00	47.59 2.65 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.72 2.46 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.14 2.52 0.00	60.37 2.43 0.00	77.29 3.04 0.01	72.90 2.80 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.13 2.47 0.00	43.09 2.13 0.00
GOWANUS_GT1_6 24111	41.36 2.56 -0.01	37.97 2.22 -0.01	36.97 2.06 -0.01	36.11 2.01 -0.01	37.01 2.03 -0.01	40.21 2.06 0.00	47.59 2.65 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.72 2.46 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.14 2.52 0.00	60.37 2.43 0.00	77.29 3.04 0.01	72.90 2.80 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.13 2.47 0.00	43.09 2.13 0.00
GOWANUS_GT1_7 24112	41.36 2.56 -0.01	37.97 2.22 -0.01	36.97 2.06 -0.01	36.11 2.01 -0.01	37.01 2.03 -0.01	40.21 2.06 0.00	47.59 2.65 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.72 2.46 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.14 2.52 0.00	60.37 2.43 0.00	77.29 3.04 0.01	72.90 2.80 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.13 2.47 0.00	43.09 2.13 0.00
GOWANUS_GT1_8 24113	41.36 2.56 -0.01	37.97 2.22 -0.01	36.97 2.06 -0.01	36.11 2.01 -0.01	37.01 2.03 -0.01	40.21 2.06 0.00	47.59 2.65 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.72 2.46 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.14 2.52 0.00	60.37 2.43 0.00	77.29 3.04 0.01	72.90 2.80 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.13 2.47 0.00	43.09 2.13 0.00
GOWANUS_GT2_1 24114	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
GOWANUS_GT2_2 24115	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
GOWANUS_GT2_3 24116	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
GOWANUS_GT2_4 24117	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
GOWANUS_GT2_5 24118	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00

GOWANUS_GT2_6 24119	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
GOWANUS_GT2_7 24120	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
GOWANUS_GT2_8 24121	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
GOWANUS_GT3_1 24122	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
GOWANUS_GT3_2 24123	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
GOWANUS_GT3_3 24124	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
GOWANUS_GT3_4 24125	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
GOWANUS_GT3_5 24126	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
GOWANUS_GT3_6 24127	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
GOWANUS_GT3_7 24128	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
GOWANUS_GT3_8 24129	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
GOWANUS_GT4_1 24130	41.36 2.56 -0.01	37.97 2.22 -0.01	36.97 2.06 -0.01	36.11 2.01 -0.01	37.01 2.03 -0.01	40.21 2.06 0.00	47.59 2.65 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.72 2.46 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.14 2.52 0.00	60.37 2.43 0.00	77.29 3.04 0.01	72.90 2.80 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.13 2.47 0.00	43.09 2.13 0.00
GOWANUS_GT4_2 24131	41.36 2.56 -0.01	37.97 2.22 -0.01	36.97 2.06 -0.01	36.11 2.01 -0.01	37.01 2.03 -0.01	40.21 2.06 0.00	47.59 2.65 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.72 2.46 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.14 2.52 0.00	60.37 2.43 0.00	77.29 3.04 0.01	72.90 2.80 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.13 2.47 0.00	43.09 2.13 0.00
GOWANUS_GT4_3 24132	41.36 2.56 -0.01	37.97 2.22 -0.01	36.97 2.06 -0.01	36.11 2.01 -0.01	37.01 2.03 -0.01	40.21 2.06 0.00	47.59 2.65 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.72 2.46 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.14 2.52 0.00	60.37 2.43 0.00	77.29 3.04 0.01	72.90 2.80 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.13 2.47 0.00	43.09 2.13 0.00
GOWANUS_GT4_4 24133	41.36 2.56 -0.01	37.97 2.22 -0.01	36.97 2.06 -0.01	36.11 2.01 -0.01	37.01 2.03 -0.01	40.21 2.06 0.00	47.59 2.65 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.72 2.46 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.14 2.52 0.00	60.37 2.43 0.00	77.29 3.04 0.01	72.90 2.80 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.13 2.47 0.00	43.09 2.13 0.00

GOWANUS_GT4_5 24134	41.36 2.56 -0.01	37.97 2.22 -0.01	36.97 2.06 -0.01	36.11 2.01 -0.01	37.01 2.03 -0.01	40.21 2.06 0.00	47.59 2.65 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.72 2.46 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.14 2.52 0.00	60.37 2.43 0.00	77.29 3.04 0.01	72.90 2.80 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.13 2.47 0.00	43.09 2.13 0.00
GOWANUS_GT4_6 24135	41.36 2.56 -0.01	37.97 2.22 -0.01	36.97 2.06 -0.01	36.11 2.01 -0.01	37.01 2.03 -0.01	40.21 2.06 0.00	47.59 2.65 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.72 2.46 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.14 2.52 0.00	60.37 2.43 0.00	77.29 3.04 0.01	72.90 2.80 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.13 2.47 0.00	43.09 2.13 0.00
GOWANUS_GT4_7 24136	41.36 2.56 -0.01	37.97 2.22 -0.01	36.97 2.06 -0.01	36.11 2.01 -0.01	37.01 2.03 -0.01	40.21 2.06 0.00	47.59 2.65 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.72 2.46 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.14 2.52 0.00	60.37 2.43 0.00	77.29 3.04 0.01	72.90 2.80 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.13 2.47 0.00	43.09 2.13 0.00
GOWANUS_GT4_8 24137	41.36 2.56 -0.01	37.97 2.22 -0.01	36.97 2.06 -0.01	36.11 2.01 -0.01	37.01 2.03 -0.01	40.21 2.06 0.00	47.59 2.65 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.72 2.46 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.14 2.52 0.00	60.37 2.43 0.00	77.29 3.04 0.01	72.90 2.80 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.13 2.47 0.00	43.09 2.13 0.00
GREATVRV_69_KV_BK1 356245	41.70 2.91 0.00	38.00 2.25 0.00	36.93 2.02 0.00	35.97 1.88 0.00	36.96 1.99 0.00	40.21 2.06 0.00	48.00 3.06 0.00	49.47 3.49 0.00	47.81 3.42 0.00	41.75 2.69 0.00	40.46 2.79 0.00	38.96 2.72 0.00	37.98 2.62 0.00	39.39 2.78 0.00	40.10 2.80 0.00	50.30 3.68 0.00	62.23 4.29 0.00	80.20 5.94 0.00	75.71 5.61 0.00	70.26 5.32 0.00	58.68 3.89 0.00	51.54 3.95 0.00	46.07 3.41 0.00	43.70 2.74 0.00
GREENBSH_115KV_TB3 55895	39.45 0.66 0.00	36.25 0.50 0.00	35.36 0.45 0.00	34.54 0.44 0.00	35.46 0.49 0.00	38.76 0.61 0.00	45.66 0.72 0.00	46.66 0.69 0.00	45.01 0.62 0.00	39.41 0.35 0.00	38.01 0.34 0.00	36.50 0.25 0.00	35.58 0.21 0.00	36.86 0.26 0.00	37.64 0.34 0.00	47.13 0.51 0.00	58.46 0.52 0.00	74.63 0.37 0.00	70.53 0.42 0.00	65.52 0.58 0.00	55.23 0.44 0.00	47.83 0.24 0.00	42.95 0.30 0.00	41.41 0.45 0.00
GREENDGE_115KV_TB5 80291	37.55 -1.24 0.00	35.07 -0.68 0.00	34.35 -0.56 0.00	33.85 -0.24 0.00	34.55 -0.42 0.00	37.58 -0.57 0.00	44.18 -0.76 0.00	44.91 -1.06 0.00	43.64 -0.75 0.00	38.55 -0.51 0.00	37.26 -0.41 0.00	35.99 -0.25 0.00	35.16 -0.21 0.00	36.20 -0.40 0.00	36.86 -0.45 0.00	46.01 -0.61 0.00	56.15 -1.80 0.00	72.47 -1.78 0.00	68.77 -1.33 0.00	63.12 -1.82 0.00	53.20 -1.59 0.00	46.69 -0.90 0.00	41.76 -0.90 0.00	40.02 -0.94 0.00
GREENIDGE___3 23582	37.55 -1.24 0.00	35.07 -0.68 0.00	34.35 -0.56 0.00	33.85 -0.24 0.00	34.55 -0.42 0.00	37.58 -0.57 0.00	44.18 -0.76 0.00	44.91 -1.06 0.00	43.64 -0.75 0.00	38.55 -0.51 0.00	37.26 -0.41 0.00	35.99 -0.25 0.00	35.16 -0.21 0.00	36.20 -0.40 0.00	36.86 -0.45 0.00	46.01 -0.61 0.00	56.15 -1.80 0.00	72.47 -1.78 0.00	68.77 -1.33 0.00	63.12 -1.82 0.00	53.20 -1.59 0.00	46.69 -0.90 0.00	41.76 -0.90 0.00	40.02 -0.94 0.00
GREENIDGE___4 23583	37.74 -1.05 0.00	35.03 -0.71 0.00	34.31 -0.59 0.00	33.72 -0.37 0.00	34.62 -0.35 0.00	37.81 -0.34 0.00	44.22 -0.72 0.00	44.87 -1.10 0.00	43.64 -0.75 0.00	38.55 -0.51 0.00	37.26 -0.41 0.00	35.99 -0.25 0.00	35.16 -0.21 0.00	36.20 -0.40 0.00	36.86 -0.45 0.00	46.01 -0.61 0.00	56.03 -1.91 0.00	72.47 -1.78 0.00	68.77 -1.33 0.00	63.12 -1.82 0.00	53.20 -1.59 0.00	46.69 -0.91 0.00	41.76 -0.90 0.00	40.10 -0.86 0.00
GREENLWN_69_KV_BK 3 55738	40.96 2.17 0.00	37.39 1.64 0.00	36.34 1.43 0.00	35.39 1.30 0.00	36.37 1.40 0.00	39.60 1.45 0.00	47.23 2.29 0.00	48.68 2.71 0.00	47.05 2.66 0.00	41.20 2.15 0.00	39.93 2.26 0.00	38.49 2.25 0.00	37.56 2.19 0.00	38.91 2.31 0.00	39.62 2.31 0.00	49.51 2.89 0.00	60.90 2.96 0.00	78.27 4.01 0.00	73.89 3.79 0.00	68.57 3.64 0.00	57.42 2.63 0.00	50.40 2.81 0.00	45.21 2.56 0.00	42.96 2.01 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	41.36 2.56 -0.01	37.97 2.22 -0.01	36.97 2.06 -0.01	36.11 2.01 -0.01	37.01 2.03 -0.01	40.21 2.06 0.00	47.59 2.65 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.72 2.46 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.14 2.52 0.00	60.37 2.43 0.00	77.29 3.04 0.01	72.90 2.80 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.13 2.47 0.00	43.09 2.13 0.00
GRISSOM___SOLAR 323813	40.18 1.39 0.00	37.00 1.25 0.00	36.02 1.12 0.00	35.25 1.16 0.00	36.09 1.12 0.00	39.52 1.37 0.00	46.34 1.39 0.00	47.26 1.29 0.00	44.70 0.31 0.00	38.86 -0.19 0.00	37.45 -0.22 0.00	35.85 -0.40 0.00	34.80 -0.57 0.00	36.28 -0.33 0.00	37.16 -0.15 0.00	47.32 0.70 0.00	59.45 1.50 0.00	76.41 2.15 0.00	72.21 2.10 0.00	67.21 2.27 0.00	56.32 1.53 0.00	48.88 1.29 0.00	43.93 1.28 0.00	42.06 1.11 0.00
GROVEVILLE___HYD 323602	40.77 1.98 0.00	37.46 1.72 0.00	36.51 1.61 0.00	35.59 1.50 0.00	36.54 1.57 0.00	39.79 1.64 0.00	47.23 2.29 0.00	48.50 2.53 0.00	46.79 2.40 0.00	41.16 2.11 0.00	39.74 2.07 0.00	38.31 2.07 0.00	37.31 1.95 0.00	38.58 1.98 0.00	39.25 1.94 0.00	48.95 2.33 0.00	60.78 2.84 0.00	77.75 3.49 0.00	73.33 3.22 0.00	68.05 3.12 0.00	57.20 2.41 0.00	49.88 2.28 0.00	44.57 1.92 0.00	42.55 1.60 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.40 -0.39 0.00	35.50 -0.25 0.00	34.66 -0.24 0.00	33.96 -0.14 0.00	34.76 -0.21 0.00	37.92 -0.23 0.00	44.45 -0.49 0.00	45.33 -0.64 0.00	44.39 0.00 0.00	39.09 0.04 0.00	37.79 0.11 0.00	36.43 0.18 0.00	35.55 0.18 0.00	36.64 0.04 0.00	37.35 0.04 0.00	46.62 0.00 0.00	57.01 -0.93 0.00	73.36 -0.89 0.00	69.12 -0.98 0.00	63.96 -0.97 0.00	53.86 -0.93 0.00	46.88 -0.71 0.00	42.02 -0.64 0.00	40.34 -0.61 0.00
HAMLTNNY_34_KV_TB 80303	38.40 -0.39 0.00	35.50 -0.25 0.00	34.70 -0.21 0.00	33.99 -0.10 0.00	34.80 -0.17 0.00	37.92 -0.23 0.00	44.45 -0.49 0.00	45.33 -0.64 0.00	44.66 0.27 0.00	39.37 0.31 0.00	38.09 0.41 0.00	36.72 0.47 0.00	35.83 0.46 0.00	36.90 0.29 0.00	37.61 0.30 0.00	46.99 0.37 0.00	57.01 -0.93 0.00	73.36 -0.89 0.00	69.19 -0.91 0.00	63.96 -0.97 0.00	53.86 -0.93 0.00	46.88 -0.71 0.00	42.02 -0.64 0.00	40.34 -0.61 0.00

HAMPSHIRE___PAPER_HYD 323593	38.71 -0.08 0.00	35.64 -0.11 0.00	34.87 -0.03 0.00	33.86 -0.24 0.00	34.80 -0.17 0.00	37.92 -0.23 0.00	44.72 -0.22 0.00	45.83 -0.14 0.00	44.35 -0.04 0.00	38.98 -0.08 0.00	37.49 -0.19 0.00	35.99 -0.25 0.00	35.19 -0.18 0.00	36.42 -0.18 0.00	37.16 -0.15 0.00	46.71 0.09 0.00	58.52 0.58 0.00	75.29 1.04 0.00	71.51 1.40 0.00	66.43 1.49 0.00	56.05 1.26 0.00	48.64 1.05 0.00	43.51 0.85 0.00	41.70 0.74 0.00
HARDSCRABBLE_WT_PWR 323673	39.92 1.13 0.00	36.82 1.07 0.00	35.95 1.05 0.00	35.05 0.95 0.00	35.95 0.98 0.00	39.18 1.03 0.00	46.07 1.12 0.00	47.03 1.06 0.00	45.41 1.02 0.00	39.91 0.86 0.00	38.62 0.94 0.00	37.19 0.94 0.00	36.29 0.92 0.00	37.59 0.99 0.00	38.39 1.08 0.00	48.15 1.54 0.00	59.80 1.85 0.00	76.85 2.60 0.00	72.70 2.60 0.00	67.53 2.60 0.00	56.92 2.13 0.00	49.50 1.91 0.00	44.45 1.79 0.00	42.64 1.68 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.61 1.82 0.00	37.28 1.54 0.00	36.37 1.47 0.00	35.46 1.36 0.00	36.41 1.43 0.00	39.64 1.49 0.00	47.05 2.11 0.00	48.32 2.34 0.00	46.61 2.22 0.00	41.01 1.95 0.00	39.59 1.92 0.00	38.20 1.96 0.00	37.24 1.87 0.00	38.51 1.90 0.00	39.17 1.87 0.00	48.81 2.19 0.00	60.55 2.61 0.00	77.45 3.19 0.00	72.98 2.87 0.00	67.73 2.79 0.00	56.98 2.19 0.00	49.69 2.09 0.00	44.45 1.79 0.00	42.39 1.43 0.00
HARSNRAD_115KV_TB1 81005	35.80 -2.99 0.00	33.82 -1.93 0.00	33.19 -1.71 0.00	33.07 -1.02 0.00	33.43 -1.54 0.00	36.09 -2.06 0.00	42.20 -2.74 0.00	42.39 -3.59 0.00	41.02 -3.37 0.00	36.52 -2.54 0.00	35.45 -2.22 0.00	34.47 -1.78 0.00	33.71 -1.66 0.00	34.81 -1.79 0.00	35.14 -2.16 0.00	43.64 -2.98 0.00	53.31 -4.64 0.00	69.43 -4.83 0.00	65.20 -4.91 0.00	59.67 -5.26 0.00	50.35 -4.44 0.00	44.02 -3.57 0.00	39.58 -3.07 0.00	38.21 -2.74 0.00
HARZA MOOSE___RIVER 24016	38.95 0.16 0.00	35.85 0.11 0.00	35.08 0.17 0.00	34.13 0.03 0.00	35.04 0.07 0.00	38.23 0.08 0.00	44.99 0.04 0.00	45.97 0.00 0.00	44.48 0.09 0.00	39.02 -0.04 0.00	37.60 -0.08 0.00	36.17 -0.07 0.00	35.30 -0.07 0.00	36.50 -0.11 0.00	37.27 -0.04 0.00	46.85 0.23 0.00	58.46 0.52 0.00	75.30 1.04 0.00	71.51 1.40 0.00	66.49 1.56 0.00	55.88 1.10 0.00	48.50 0.90 0.00	43.42 0.77 0.00	41.61 0.66 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	38.17 -0.62 0.00	35.28 -0.46 0.00	34.45 -0.45 0.00	33.72 -0.38 0.00	34.55 -0.42 0.00	37.65 -0.50 0.00	44.13 -0.81 0.00	45.01 -0.97 0.00	43.72 -0.67 0.00	38.51 -0.55 0.00	37.18 -0.49 0.00	35.85 -0.40 0.00	34.98 -0.39 0.00	36.09 -0.51 0.00	36.79 -0.52 0.00	45.87 -0.75 0.00	56.61 -1.33 0.00	72.77 -1.49 0.00	68.63 -1.47 0.00	63.51 -1.43 0.00	53.47 -1.31 0.00	46.54 -1.05 0.00	41.72 -0.94 0.00	40.06 -0.90 0.00
HELLGATE_13_KV_LD 55870	41.23 2.44 0.00	37.86 2.11 0.00	36.86 1.95 0.00	36.00 1.91 0.00	36.86 1.89 0.00	40.06 1.91 0.00	47.55 2.61 0.00	48.91 2.94 0.00	47.14 2.75 0.00	41.52 2.46 0.00	40.17 2.49 -0.02	38.83 2.57 -0.02	37.86 2.48 -0.02	39.15 2.53 -0.02	39.79 2.46 -0.02	49.23 2.61 0.00	60.66 2.72 0.00	77.44 3.19 0.01	73.04 2.94 0.01	67.85 2.92 0.01	57.25 2.47 0.00	50.11 2.52 0.00	45.04 2.39 0.00	42.96 2.01 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	41.23 2.44 0.00	37.86 2.11 0.00	36.86 1.95 0.00	36.00 1.91 0.00	36.86 1.89 0.00	40.06 1.91 0.00	47.55 2.61 0.00	48.91 2.94 0.00	47.14 2.75 0.00	41.52 2.46 0.00	40.17 2.49 -0.02	38.83 2.57 -0.02	37.86 2.48 -0.02	39.15 2.53 -0.02	39.79 2.46 -0.02	49.23 2.61 0.00	60.66 2.72 0.00	77.44 3.19 0.01	73.04 2.94 0.01	67.85 2.92 0.01	57.25 2.47 0.00	50.11 2.52 0.00	45.04 2.39 0.00	42.96 2.01 0.00
HEMPSTEAD____ 23647	41.12 2.33 0.00	37.53 1.79 0.00	36.51 1.61 0.00	35.56 1.47 0.00	36.58 1.61 0.00	39.83 1.68 0.00	47.28 2.34 0.00	48.68 2.71 0.00	47.01 2.62 0.00	41.20 2.15 0.00	39.89 2.22 0.00	38.49 2.25 0.00	37.53 2.16 0.00	38.84 2.23 0.00	39.55 2.24 0.00	49.37 2.75 0.00	61.07 3.13 0.00	78.26 4.01 0.00	73.89 3.78 0.00	68.57 3.63 0.00	57.53 2.74 0.00	50.35 2.76 0.00	45.04 2.39 0.00	42.84 1.89 0.00
HICKLING___1 23621	36.70 -2.09 0.00	34.50 -1.25 0.00	33.82 -1.08 0.00	33.45 -0.65 0.00	34.10 -0.87 0.00	37.01 -1.14 0.00	43.55 -1.39 0.00	44.18 -1.79 0.00	42.70 -1.69 0.00	37.92 -1.13 0.00	36.77 -0.90 0.00	35.63 -0.62 0.00	34.84 -0.53 0.00	35.87 -0.73 0.00	36.41 -0.90 0.00	45.31 -1.31 0.00	55.45 -2.49 0.00	72.25 -2.00 0.00	67.86 -2.24 0.00	62.01 -2.92 0.00	52.43 -2.36 0.00	45.78 -1.81 0.00	40.99 -1.66 0.00	39.32 -1.64 0.00
HICKLING___2 23622	36.70 -2.09 0.00	34.50 -1.25 0.00	33.82 -1.08 0.00	33.45 -0.65 0.00	34.10 -0.87 0.00	37.01 -1.14 0.00	43.55 -1.39 0.00	44.18 -1.79 0.00	42.70 -1.69 0.00	37.92 -1.13 0.00	36.77 -0.90 0.00	35.63 -0.62 0.00	34.84 -0.53 0.00	35.87 -0.73 0.00	36.41 -0.90 0.00	45.31 -1.31 0.00	55.45 -2.49 0.00	72.25 -2.00 0.00	67.86 -2.24 0.00	62.01 -2.92 0.00	52.43 -2.36 0.00	45.78 -1.81 0.00	40.99 -1.66 0.00	39.32 -1.64 0.00
HIGH FALLS___HY 23754	40.92 2.13 0.00	37.53 1.79 0.00	36.65 1.75 0.00	35.70 1.60 0.00	36.65 1.68 0.00	39.87 1.72 0.00	47.41 2.47 0.00	48.73 2.76 0.00	47.01 2.62 0.00	41.32 2.27 0.00	39.82 2.15 0.00	38.38 2.14 0.00	37.42 2.05 0.00	38.66 2.05 0.00	39.36 2.05 0.00	49.09 2.47 0.00	61.13 3.19 0.00	78.34 4.08 0.00	73.82 3.72 0.00	68.57 3.64 0.00	57.58 2.79 0.00	50.21 2.62 0.00	44.83 2.18 0.00	42.72 1.76 0.00
HIGH_RIVER___SOLAR 323847	39.99 1.20 0.00	36.82 1.07 0.00	35.88 0.98 0.00	35.12 1.02 0.00	35.95 0.98 0.00	39.37 1.22 0.00	46.20 1.26 0.00	46.94 0.97 0.00	44.48 0.09 0.00	38.74 -0.31 0.00	37.33 -0.34 0.00	35.81 -0.43 0.00	34.84 -0.53 0.00	36.20 -0.40 0.00	36.97 -0.34 0.00	46.90 0.28 0.00	59.10 1.16 0.00	76.03 1.78 0.00	71.92 1.82 0.00	66.95 2.02 0.00	56.16 1.37 0.00	48.69 1.10 0.00	43.76 1.11 0.00	41.90 0.94 0.00
HILLBURN___GT 23639	40.73 1.94 0.00	37.36 1.61 0.00	36.40 1.50 0.00	35.49 1.40 0.00	36.44 1.47 0.00	39.75 1.60 0.00	47.01 2.07 0.00	48.27 2.30 0.00	46.52 2.13 0.00	40.97 1.91 0.00	39.59 1.92 0.00	38.20 1.96 0.00	37.24 1.87 0.00	38.51 1.90 0.00	39.17 1.86 0.00	48.72 2.10 0.00	60.43 2.49 0.00	77.23 2.97 0.00	72.77 2.66 0.00	67.53 2.60 0.00	56.87 2.08 0.00	49.59 2.00 0.00	44.32 1.66 0.00	42.31 1.35 0.00
HILLSIDE_115KV_TB1 80332	36.27 -2.52 0.00	34.07 -1.68 0.00	33.40 -1.50 0.00	33.00 -1.09 0.00	33.68 -1.29 0.00	36.51 -1.64 0.00	43.01 -1.93 0.00	43.63 -2.34 0.00	42.13 -2.26 0.00	37.42 -1.64 0.00	36.32 -1.36 0.00	35.19 -1.05 0.00	34.38 -0.99 0.00	35.47 -1.13 0.00	35.96 -1.34 0.00	44.66 -1.96 0.00	54.64 -3.30 0.00	71.14 -3.12 0.00	66.81 -3.29 0.00	61.10 -3.83 0.00	51.67 -3.12 0.00	45.12 -2.47 0.00	40.39 -2.26 0.00	38.75 -2.21 0.00

HISHELDN_WT_PWR 323625	35.92 -2.87 0.00	33.64 -2.11 0.00	33.05 -1.85 0.00	32.59 -1.50 0.00	33.54 -1.44 0.00	36.51 -1.64 0.00	42.38 -2.56 0.00	42.66 -3.31 0.00	41.28 -3.11 0.00	36.75 -2.30 0.00	35.64 -2.03 0.00	34.65 -1.59 0.00	33.85 -1.52 0.00	34.96 -1.65 0.00	35.37 -1.94 0.00	44.01 -2.61 0.00	53.65 -4.29 0.00	70.17 -4.08 0.00	65.97 -4.14 0.00	60.33 -4.61 0.00	50.90 -3.89 0.00	44.50 -3.09 0.00	39.92 -2.73 0.00	38.50 -2.46 0.00
HOLTSVILLE_IC_1 23690	41.35 2.56 0.00	37.64 1.89 0.00	36.61 1.71 0.00	35.63 1.54 0.00	36.65 1.68 0.00	39.91 1.76 0.00	47.41 2.47 0.00	48.87 2.90 0.00	47.23 2.84 0.00	41.32 2.26 0.00	40.05 2.37 0.00	38.64 2.39 0.00	37.70 2.33 0.00	39.06 2.45 0.00	39.73 2.42 0.00	49.79 3.17 0.00	61.54 3.59 0.00	79.16 4.90 0.00	74.73 4.63 0.00	69.35 4.42 0.00	57.97 3.18 0.00	50.92 3.33 0.00	45.56 2.90 0.00	43.25 2.29 0.00
HOLTSVILLE_IC_10 23699	41.50 2.71 0.00	37.78 2.04 0.00	36.75 1.85 0.00	35.76 1.67 0.00	36.79 1.82 0.00	40.06 1.91 0.00	47.59 2.65 0.00	49.10 3.13 0.00	47.45 3.06 0.00	41.48 2.42 0.00	40.20 2.52 0.00	38.78 2.54 0.00	37.81 2.44 0.00	39.20 2.60 0.00	39.88 2.57 0.00	50.02 3.40 0.00	61.88 3.94 0.00	79.67 5.42 0.00	75.22 5.11 0.00	69.74 4.81 0.00	58.30 3.51 0.00	51.21 3.62 0.00	45.77 3.11 0.00	43.41 2.46 0.00
HOLTSVILLE_IC_2 23691	41.35 2.56 0.00	37.64 1.89 0.00	36.61 1.71 0.00	35.63 1.54 0.00	36.65 1.68 0.00	39.91 1.76 0.00	47.41 2.47 0.00	48.87 2.90 0.00	47.23 2.84 0.00	41.32 2.26 0.00	40.05 2.37 0.00	38.64 2.39 0.00	37.70 2.33 0.00	39.06 2.45 0.00	39.73 2.42 0.00	49.79 3.17 0.00	61.54 3.59 0.00	79.16 4.90 0.00	74.73 4.63 0.00	69.35 4.42 0.00	57.97 3.18 0.00	50.92 3.33 0.00	45.56 2.90 0.00	43.25 2.29 0.00
HOLTSVILLE_IC_3 23692	41.35 2.56 0.00	37.64 1.89 0.00	36.61 1.71 0.00	35.63 1.54 0.00	36.65 1.68 0.00	39.91 1.76 0.00	47.41 2.47 0.00	48.87 2.90 0.00	47.23 2.84 0.00	41.32 2.26 0.00	40.05 2.37 0.00	38.64 2.39 0.00	37.70 2.33 0.00	39.06 2.45 0.00	39.73 2.42 0.00	49.79 3.17 0.00	61.54 3.59 0.00	79.16 4.90 0.00	74.73 4.63 0.00	69.35 4.42 0.00	57.97 3.18 0.00	50.92 3.33 0.00	45.56 2.90 0.00	43.25 2.29 0.00
HOLTSVILLE_IC_4 23693	41.35 2.56 0.00	37.64 1.89 0.00	36.61 1.71 0.00	35.63 1.54 0.00	36.65 1.68 0.00	39.91 1.76 0.00	47.41 2.47 0.00	48.87 2.90 0.00	47.23 2.84 0.00	41.32 2.26 0.00	40.05 2.37 0.00	38.64 2.39 0.00	37.70 2.33 0.00	39.06 2.45 0.00	39.73 2.42 0.00	49.79 3.17 0.00	61.54 3.59 0.00	79.16 4.90 0.00	74.73 4.63 0.00	69.35 4.42 0.00	57.97 3.18 0.00	50.92 3.33 0.00	45.56 2.90 0.00	43.25 2.29 0.00
HOLTSVILLE_IC_5 23694	41.35 2.56 0.00	37.64 1.89 0.00	36.61 1.71 0.00	35.63 1.54 0.00	36.65 1.68 0.00	39.91 1.76 0.00	47.41 2.47 0.00	48.87 2.90 0.00	47.23 2.84 0.00	41.32 2.26 0.00	40.05 2.37 0.00	38.64 2.39 0.00	37.70 2.33 0.00	39.06 2.45 0.00	39.73 2.42 0.00	49.79 3.17 0.00	61.54 3.59 0.00	79.16 4.90 0.00	74.73 4.63 0.00	69.35 4.42 0.00	57.97 3.18 0.00	50.92 3.33 0.00	45.56 2.90 0.00	43.25 2.29 0.00
HOLTSVILLE_IC_6 23695	41.50 2.71 0.00	37.78 2.04 0.00	36.75 1.85 0.00	35.76 1.67 0.00	36.79 1.82 0.00	40.06 1.91 0.00	47.59 2.65 0.00	49.10 3.13 0.00	47.45 3.06 0.00	41.48 2.42 0.00	40.20 2.52 0.00	38.78 2.54 0.00	37.81 2.44 0.00	39.20 2.60 0.00	39.88 2.57 0.00	50.02 3.40 0.00	61.88 3.94 0.00	79.67 5.42 0.00	75.22 5.11 0.00	69.74 4.81 0.00	58.30 3.51 0.00	51.21 3.62 0.00	45.77 3.11 0.00	43.41 2.46 0.00
HOLTSVILLE_IC_7 23696	41.50 2.71 0.00	37.78 2.04 0.00	36.75 1.85 0.00	35.76 1.67 0.00	36.79 1.82 0.00	40.06 1.91 0.00	47.59 2.65 0.00	49.10 3.13 0.00	47.45 3.06 0.00	41.48 2.42 0.00	40.20 2.52 0.00	38.78 2.54 0.00	37.81 2.44 0.00	39.20 2.60 0.00	39.88 2.57 0.00	50.02 3.40 0.00	61.88 3.94 0.00	79.67 5.42 0.00	75.22 5.11 0.00	69.74 4.81 0.00	58.30 3.51 0.00	51.21 3.62 0.00	45.77 3.11 0.00	43.41 2.46 0.00
HOLTSVILLE_IC_8 23697	41.50 2.71 0.00	37.78 2.04 0.00	36.75 1.85 0.00	35.76 1.67 0.00	36.79 1.82 0.00	40.06 1.91 0.00	47.59 2.65 0.00	49.10 3.13 0.00	47.45 3.06 0.00	41.48 2.42 0.00	40.20 2.52 0.00	38.78 2.54 0.00	37.81 2.44 0.00	39.20 2.60 0.00	39.88 2.57 0.00	50.02 3.40 0.00	61.88 3.94 0.00	79.67 5.42 0.00	75.22 5.11 0.00	69.74 4.81 0.00	58.30 3.51 0.00	51.21 3.62 0.00	45.77 3.11 0.00	43.41 2.46 0.00
HOLTSVILLE_IC_9 23698	41.50 2.71 0.00	37.78 2.04 0.00	36.75 1.85 0.00	35.76 1.67 0.00	36.79 1.82 0.00	40.06 1.91 0.00	47.59 2.65 0.00	49.10 3.13 0.00	47.45 3.06 0.00	41.48 2.42 0.00	40.20 2.52 0.00	38.78 2.54 0.00	37.81 2.44 0.00	39.20 2.60 0.00	39.88 2.57 0.00	50.02 3.40 0.00	61.88 3.94 0.00	79.67 5.42 0.00	75.22 5.11 0.00	69.74 4.81 0.00	58.30 3.51 0.00	51.21 3.62 0.00	45.77 3.11 0.00	43.41 2.46 0.00
HOMER_HL_115KV_TB2 355744	35.53 -3.26 0.00	33.57 -2.18 0.00	32.92 -1.99 0.00	32.66 -1.43 0.00	33.29 -1.68 0.00	35.98 -2.17 0.00	42.51 -2.43 0.00	43.03 -2.94 0.00	41.51 -2.89 0.00	37.02 -2.03 0.00	35.98 -1.70 0.00	35.01 -1.23 0.00	34.20 -1.17 0.00	35.32 -1.28 0.00	35.67 -1.64 0.00	44.19 -2.42 0.00	53.94 -4.00 0.00	70.39 -3.86 0.00	66.11 -4.00 0.00	60.26 -4.68 0.00	50.95 -3.84 0.00	44.45 -3.14 0.00	39.80 -2.86 0.00	38.25 -2.70 0.00
HOWARD_WT_PWR 323690	36.23 -2.56 0.00	33.93 -1.82 0.00	33.30 -1.61 0.00	32.80 -1.30 0.00	33.71 -1.26 0.00	36.89 -1.26 0.00	43.06 -1.89 0.00	43.58 -2.39 0.00	42.26 -2.13 0.00	37.49 -1.56 0.00	36.32 -1.35 0.00	35.27 -0.98 0.00	34.45 -0.92 0.00	35.54 -1.06 0.00	36.15 -1.16 0.00	45.17 -1.45 0.00	55.34 -2.61 0.00	72.55 -1.70 0.00	68.28 -1.82 0.00	62.47 -2.47 0.00	52.71 -2.08 0.00	46.07 -1.52 0.00	41.16 -1.49 0.00	39.52 -1.43 0.00
HQ_GEN_CEDARS 23644	39.33 0.54 0.00	36.21 0.46 0.00	35.43 0.52 0.00	34.47 0.38 0.00	35.39 0.42 0.00	38.61 0.46 0.00	45.62 0.67 0.00	46.75 0.78 0.00	45.28 0.89 0.00	39.91 0.86 0.00	38.39 0.72 0.00	36.86 0.62 0.00	36.08 0.71 0.00	37.45 0.84 0.00	38.09 0.78 0.00	47.69 1.07 0.00	59.62 1.68 0.00	76.33 2.08 0.00	72.21 2.10 0.00	66.82 1.88 0.00	56.60 1.81 0.00	49.16 1.57 0.00	43.98 1.32 0.00	42.19 1.23 0.00
HQ_GEN_CEDARS_PROXY 323590	39.33 0.54 0.00	36.25 0.50 0.00	35.43 0.52 0.00	34.47 0.38 0.00	35.39 0.42 0.00	38.61 0.46 0.00	45.62 0.68 0.00	48.68 0.78 -1.93	43.35 0.89 1.93	39.91 0.86 0.00	38.39 0.71 0.00	36.86 0.62 0.00	36.08 0.71 0.00	37.45 0.84 0.00	38.09 0.78 0.00	47.69 1.07 0.00	59.62 1.68 0.00	76.33 2.08 0.00	72.21 2.10 0.00	66.82 1.88 0.00	56.59 1.81 0.00	49.16 1.57 0.00	43.98 1.32 0.00	42.18 1.23 0.00

HQ_GEN_IMPORT 323601	38.83 0.04 0.00	35.78 0.04 0.00	34.94 0.03 0.00	34.09 0.00 0.00	34.97 0.00 0.00	38.15 0.00 0.00	45.03 0.09 0.00	48.04 0.14 -1.93	42.68 0.22 1.93	39.29 0.24 0.00	37.86 0.19 0.00	36.39 0.15 0.00	35.55 0.18 0.00	36.83 0.22 0.00	37.53 0.23 0.00	46.95 0.33 0.00	58.52 0.58 0.00	74.92 0.67 0.00	70.81 0.70 0.00	65.45 0.52 0.00	55.39 0.60 0.00	48.07 0.48 0.00	43.04 0.38 0.00	41.32 0.37 0.00
HQ_GEN_WHEEL 23651	38.83 0.04 0.00	35.78 0.04 0.00	34.94 0.03 0.00	34.09 0.00 0.00	34.97 0.00 0.00	38.15 0.00 0.00	45.03 0.09 0.00	48.04 0.14 -1.93	42.68 0.22 1.93	39.29 0.24 0.00	37.86 0.19 0.00	36.39 0.15 0.00	35.55 0.18 0.00	36.83 0.22 0.00	37.53 0.23 0.00	46.95 0.33 0.00	58.52 0.58 0.00	74.92 0.67 0.00	70.81 0.70 0.00	65.45 0.52 0.00	55.39 0.60 0.00	48.07 0.48 0.00	43.04 0.38 0.00	41.32 0.37 0.00
HUDSON AVE_GT_3 23810	41.00 2.21 0.00	37.64 1.89 0.00	36.65 1.75 0.00	35.80 1.70 0.00	36.68 1.71 0.00	39.90 1.75 0.00	47.46 2.52 0.00	48.87 2.90 0.00	47.10 2.71 0.00	41.48 2.42 0.00	40.13 2.45 -0.01	38.76 2.50 -0.01	37.75 2.37 -0.01	39.07 2.45 -0.01	39.71 2.39 -0.01	49.23 2.61 0.00	60.90 2.96 0.00	77.75 3.49 0.00	73.26 3.15 0.00	68.12 3.18 0.00	57.36 2.58 0.00	50.07 2.47 0.00	44.83 2.18 0.00	42.76 1.80 0.00
HUDSON AVE_GT_4 23540	41.00 2.21 0.00	37.64 1.89 0.00	36.65 1.75 0.00	35.80 1.70 0.00	36.68 1.71 0.00	39.90 1.75 0.00	47.46 2.52 0.00	48.87 2.90 0.00	47.10 2.71 0.00	41.48 2.42 0.00	40.13 2.45 -0.01	38.76 2.50 -0.01	37.75 2.37 -0.01	39.07 2.45 -0.01	39.71 2.39 -0.01	49.23 2.61 0.00	60.90 2.96 0.00	77.75 3.49 0.00	73.26 3.15 0.00	68.12 3.18 0.00	57.36 2.58 0.00	50.07 2.47 0.00	44.83 2.18 0.00	42.76 1.80 0.00
HUDSON AVE_GT_5 23657	41.00 2.21 0.00	37.64 1.89 0.00	36.65 1.75 0.00	35.80 1.70 0.00	36.68 1.71 0.00	39.90 1.75 0.00	47.46 2.52 0.00	48.87 2.90 0.00	47.10 2.71 0.00	41.48 2.42 0.00	40.13 2.45 -0.01	38.76 2.50 -0.01	37.75 2.37 -0.01	39.07 2.45 -0.01	39.71 2.39 -0.01	49.23 2.61 0.00	60.90 2.96 0.00	77.75 3.49 0.00	73.26 3.15 0.00	68.12 3.18 0.00	57.36 2.58 0.00	50.07 2.47 0.00	44.83 2.18 0.00	42.76 1.80 0.00
HUDSON_AVE_10 24168	40.96 2.17 0.00	37.57 1.82 0.00	36.58 1.68 0.00	35.73 1.64 0.00	36.61 1.64 0.00	39.87 1.72 0.00	47.41 2.47 0.00	48.82 2.85 0.00	47.05 2.66 0.00	41.44 2.38 0.00	40.10 2.41 -0.01	38.72 2.46 -0.01	37.75 2.37 -0.01	39.03 2.42 -0.01	39.67 2.35 -0.01	49.18 2.56 0.00	60.84 2.90 0.00	77.67 3.42 0.00	73.26 3.15 0.00	68.12 3.18 0.00	57.36 2.58 0.00	50.02 2.43 0.00	44.79 2.13 0.00	42.68 1.72 0.00
HUDSON___115KV_TB 4 355613	40.07 1.28 0.00	36.86 1.11 0.00	35.95 1.05 0.00	35.12 1.02 0.00	36.02 1.05 0.00	39.41 1.26 0.00	46.38 1.44 0.00	47.44 1.47 0.00	45.63 1.24 0.00	39.84 0.78 0.00	38.28 0.60 0.00	36.72 0.47 0.00	35.76 0.39 0.00	37.05 0.44 0.00	37.83 0.52 0.00	47.60 0.98 0.00	59.39 1.45 0.00	76.11 1.86 0.00	72.00 1.89 0.00	66.88 1.95 0.00	56.21 1.42 0.00	48.69 1.09 0.00	43.68 1.02 0.00	42.02 1.06 0.00
HUNTER MOUNT___DRP 323613	40.15 1.36 0.00	36.93 1.18 0.00	36.02 1.12 0.00	35.15 1.06 0.00	36.09 1.12 0.00	39.45 1.30 0.00	46.47 1.53 0.00	47.53 1.56 0.00	45.68 1.29 0.00	39.88 0.82 0.00	38.28 0.60 0.00	36.68 0.43 0.00	35.72 0.35 0.00	36.97 0.37 0.00	37.79 0.49 0.00	47.60 0.98 0.00	59.56 1.62 0.00	76.41 2.15 0.00	72.21 2.10 0.00	67.08 2.14 0.00	56.32 1.53 0.00	48.78 1.19 0.00	43.76 1.11 0.00	42.10 1.15 0.00
HUNTINGTON_RES_REC 323705	41.27 2.48 0.00	37.57 1.82 0.00	36.55 1.64 0.00	35.56 1.47 0.00	36.62 1.64 0.00	39.87 1.72 0.00	47.37 2.43 0.00	48.82 2.85 0.00	47.19 2.80 0.00	41.28 2.23 0.00	40.01 2.34 0.00	38.57 2.32 0.00	37.63 2.27 0.00	39.02 2.42 0.00	39.70 2.39 0.00	49.69 3.08 0.00	61.36 3.42 0.00	78.86 4.61 0.00	74.45 4.35 0.00	69.09 4.16 0.00	57.75 2.96 0.00	50.73 3.14 0.00	45.43 2.77 0.00	43.13 2.17 0.00
HUNTLEY___63 23557	36.04 -2.75 0.00	34.10 -1.64 0.00	33.44 -1.47 0.00	33.04 -1.06 0.00	33.71 -1.26 0.00	36.32 -1.83 0.00	42.33 -2.61 0.00	42.62 -3.36 0.00	41.19 -3.20 0.00	36.71 -2.34 0.00	35.64 -2.03 0.00	34.72 -1.52 0.00	33.92 -1.45 0.00	35.07 -1.54 0.00	35.37 -1.94 0.00	43.96 -2.66 0.00	53.65 -4.29 0.00	69.80 -4.46 0.00	65.55 -4.56 0.00	59.93 -5.00 0.00	50.57 -4.22 0.00	44.21 -3.38 0.00	39.75 -2.90 0.00	38.38 -2.58 0.00
HUNTLEY___64 23558	36.04 -2.75 0.00	34.10 -1.64 0.00	33.44 -1.47 0.00	33.04 -1.06 0.00	33.71 -1.26 0.00	36.32 -1.83 0.00	42.33 -2.61 0.00	42.62 -3.36 0.00	41.19 -3.20 0.00	36.71 -2.34 0.00	35.64 -2.03 0.00	34.72 -1.52 0.00	33.92 -1.45 0.00	35.07 -1.54 0.00	35.37 -1.94 0.00	43.96 -2.66 0.00	53.65 -4.29 0.00	69.80 -4.46 0.00	65.55 -4.56 0.00	59.93 -5.00 0.00	50.57 -4.22 0.00	44.21 -3.38 0.00	39.75 -2.90 0.00	38.38 -2.58 0.00
HUNTLEY___65 23559	36.04 -2.75 0.00	34.10 -1.64 0.00	33.44 -1.47 0.00	33.04 -1.06 0.00	33.71 -1.26 0.00	36.32 -1.83 0.00	42.33 -2.61 0.00	42.62 -3.36 0.00	41.19 -3.20 0.00	36.71 -2.34 0.00	35.64 -2.03 0.00	34.72 -1.52 0.00	33.92 -1.45 0.00	35.07 -1.54 0.00	35.37 -1.94 0.00	43.96 -2.66 0.00	53.65 -4.29 0.00	69.80 -4.46 0.00	65.55 -4.56 0.00	59.93 -5.00 0.00	50.57 -4.22 0.00	44.21 -3.38 0.00	39.75 -2.90 0.00	38.38 -2.58 0.00
HUNTLEY___66 23560	36.04 -2.75 0.00	34.10 -1.64 0.00	33.44 -1.47 0.00	33.04 -1.06 0.00	33.71 -1.26 0.00	36.32 -1.83 0.00	42.33 -2.61 0.00	42.62 -3.36 0.00	41.19 -3.20 0.00	36.71 -2.34 0.00	35.64 -2.03 0.00	34.72 -1.52 0.00	33.92 -1.45 0.00	35.07 -1.54 0.00	35.37 -1.94 0.00	43.96 -2.66 0.00	53.65 -4.29 0.00	69.80 -4.46 0.00	65.55 -4.56 0.00	59.93 -5.00 0.00	50.57 -4.22 0.00	44.21 -3.38 0.00	39.75 -2.90 0.00	38.38 -2.58 0.00
HUNTLEY___67 23561	35.88 -2.91 0.00	33.89 -1.86 0.00	33.23 -1.68 0.00	32.90 -1.19 0.00	33.50 -1.47 0.00	36.17 -1.98 0.00	42.29 -2.65 0.00	42.57 -3.40 0.00	41.15 -3.24 0.00	36.67 -2.38 0.00	35.60 -2.07 0.00	34.65 -1.59 0.00	33.88 -1.49 0.00	35.00 -1.61 0.00	35.33 -1.98 0.00	43.82 -2.80 0.00	53.54 -4.40 0.00	69.65 -4.60 0.00	65.41 -4.70 0.00	59.87 -5.06 0.00	50.52 -4.27 0.00	44.16 -3.43 0.00	39.67 -2.99 0.00	38.29 -2.66 0.00
HUNTLEY___68 23562	35.88 -2.91 0.00	33.89 -1.86 0.00	33.23 -1.68 0.00	32.90 -1.19 0.00	33.50 -1.47 0.00	36.17 -1.98 0.00	42.29 -2.65 0.00	42.57 -3.40 0.00	41.15 -3.24 0.00	36.67 -2.38 0.00	35.60 -2.07 0.00	34.65 -1.59 0.00	33.88 -1.49 0.00	35.00 -1.61 0.00	35.33 -1.98 0.00	43.82 -2.80 0.00	53.54 -4.40 0.00	69.65 -4.60 0.00	65.41 -4.70 0.00	59.87 -5.06 0.00	50.52 -4.27 0.00	44.16 -3.43 0.00	39.67 -2.99 0.00	38.29 -2.66 0.00

HYLAND___LFGE 323620	38.60 -0.19 0.00	35.89 0.14 0.00	35.25 0.35 0.00	34.67 0.58 0.00	35.60 0.63 0.00	38.95 0.80 0.00	45.44 0.50 0.00	45.74 -0.23 0.00	44.26 -0.13 0.00	38.70 -0.35 0.00	37.11 -0.56 0.00	35.77 -0.47 0.00	34.98 -0.39 0.00	36.02 -0.59 0.00	36.67 -0.63 0.00	46.01 -0.61 0.00	56.84 -1.10 0.00	75.37 1.12 0.00	71.37 1.26 0.00	65.52 0.58 0.00	55.06 0.28 0.00	48.16 0.57 0.00	43.00 0.34 0.00	41.20 0.25 0.00
INDECK___CORINTH 23802	39.84 1.05 0.00	36.68 0.93 0.00	35.71 0.80 0.00	34.98 0.88 0.00	35.74 0.77 0.00	39.18 1.03 0.00	46.02 1.08 0.00	47.17 1.19 0.00	45.19 0.80 0.00	39.45 0.39 0.00	37.97 0.30 0.00	36.21 -0.04 0.00	35.12 -0.25 0.00	36.53 -0.07 0.00	37.23 -0.07 0.00	46.99 0.37 0.00	58.75 0.81 0.00	75.22 0.96 0.00	71.16 1.05 0.00	66.16 1.23 0.00	55.66 0.87 0.00	48.21 0.62 0.00	43.38 0.72 0.00	41.65 0.70 0.00
INDECK___ILION 23567	39.49 0.70 0.00	36.39 0.64 0.00	35.53 0.63 0.00	34.67 0.58 0.00	35.57 0.59 0.00	38.80 0.65 0.00	45.66 0.72 0.00	46.66 0.69 0.00	45.06 0.67 0.00	39.60 0.55 0.00	38.28 0.60 0.00	36.82 0.58 0.00	35.93 0.57 0.00	37.19 0.59 0.00	37.94 0.63 0.00	47.55 0.93 0.00	59.04 1.10 0.00	75.74 1.49 0.00	71.58 1.47 0.00	66.43 1.49 0.00	55.99 1.21 0.00	48.64 1.05 0.00	43.64 0.98 0.00	41.90 0.94 0.00
INDECK___OLEAN 23982	36.00 -2.79 0.00	33.67 -2.07 0.00	32.92 -1.99 0.00	32.53 -1.57 0.00	33.50 -1.47 0.00	36.58 -1.57 0.00	42.60 -2.34 0.00	42.98 -2.99 0.00	41.51 -2.88 0.00	37.02 -2.03 0.00	35.98 -1.69 0.00	34.97 -1.27 0.00	34.20 -1.17 0.00	35.32 -1.28 0.00	35.67 -1.64 0.00	44.19 -2.43 0.00	53.77 -4.17 0.00	70.39 -3.86 0.00	66.11 -3.99 0.00	60.26 -4.68 0.00	50.95 -3.84 0.00	44.45 -3.14 0.00	39.80 -2.86 0.00	38.34 -2.62 0.00
INDECK___OSWEGO 23783	37.66 -1.13 0.00	34.78 -0.96 0.00	34.00 -0.91 0.00	33.21 -0.89 0.00	34.06 -0.91 0.00	37.12 -1.03 0.00	43.55 -1.39 0.00	44.50 -1.47 0.00	42.88 -1.51 0.00	37.77 -1.29 0.00	36.43 -1.24 0.00	35.12 -1.12 0.00	34.24 -1.13 0.00	35.32 -1.28 0.00	36.00 -1.31 0.00	44.89 -1.72 0.00	55.91 -2.03 0.00	71.88 -2.38 0.00	67.79 -2.31 0.00	62.79 -2.14 0.00	52.93 -1.86 0.00	46.02 -1.57 0.00	41.29 -1.37 0.00	39.64 -1.31 0.00
INDECK___YERKES 23781	36.46 -2.33 0.00	33.96 -1.79 0.00	33.37 -1.53 0.00	32.90 -1.19 0.00	33.78 -1.19 0.00	36.66 -1.49 0.00	42.43 -2.52 0.00	42.57 -3.40 0.00	41.24 -3.15 0.00	36.75 -2.30 0.00	35.67 -2.00 0.00	34.72 -1.52 0.00	33.95 -1.42 0.00	35.10 -1.50 0.00	35.44 -1.86 0.00	43.96 -2.66 0.00	53.42 -4.52 0.00	69.80 -4.45 0.00	65.62 -4.49 0.00	60.00 -4.94 0.00	50.62 -4.17 0.00	44.21 -3.38 0.00	39.75 -2.90 0.00	38.50 -2.46 0.00
INDIAN POINT_GT_1 24139	40.54 1.75 0.00	37.21 1.47 0.00	36.23 1.33 0.00	35.36 1.26 0.00	36.30 1.33 0.00	39.52 1.37 0.00	46.92 1.98 0.00	48.22 2.25 0.00	46.48 2.09 0.00	40.89 1.84 0.00	39.52 1.85 0.00	38.17 1.92 0.00	37.17 1.80 0.00	38.47 1.87 0.00	39.10 1.79 0.00	48.67 2.05 0.00	60.26 2.32 0.00	77.00 2.75 0.00	72.63 2.52 0.00	67.47 2.53 0.00	56.82 2.03 0.00	49.50 1.90 0.00	44.28 1.62 0.00	42.27 1.31 0.00
INDIAN POINT_GT_2 23659	40.54 1.75 0.00	37.21 1.47 0.00	36.23 1.33 0.00	35.36 1.26 0.00	36.30 1.33 0.00	39.52 1.37 0.00	46.92 1.98 0.00	48.22 2.25 0.00	46.48 2.09 0.00	40.89 1.84 0.00	39.52 1.85 0.00	38.17 1.92 0.00	37.17 1.80 0.00	38.47 1.87 0.00	39.10 1.79 0.00	48.67 2.05 0.00	60.26 2.32 0.00	77.00 2.75 0.00	72.63 2.52 0.00	67.47 2.53 0.00	56.82 2.03 0.00	49.50 1.90 0.00	44.28 1.62 0.00	42.27 1.31 0.00
INDIAN POINT_GT_3 24019	40.54 1.75 0.00	37.21 1.47 0.00	36.23 1.33 0.00	35.36 1.26 0.00	36.30 1.33 0.00	39.52 1.37 0.00	46.92 1.98 0.00	48.22 2.25 0.00	46.48 2.09 0.00	40.89 1.84 0.00	39.52 1.85 0.00	38.17 1.92 0.00	37.17 1.80 0.00	38.47 1.87 0.00	39.10 1.79 0.00	48.67 2.05 0.00	60.26 2.32 0.00	77.00 2.75 0.00	72.63 2.52 0.00	67.47 2.53 0.00	56.82 2.03 0.00	49.50 1.90 0.00	44.28 1.62 0.00	42.27 1.31 0.00
INDIAN POINT___2 23530	40.65 1.86 0.00	37.28 1.54 0.00	36.34 1.43 0.00	35.42 1.33 0.00	36.37 1.40 0.00	39.68 1.53 0.00	46.92 1.98 0.00	48.18 2.21 0.00	46.43 2.04 0.00	40.85 1.80 0.00	39.48 1.81 0.00	38.13 1.88 0.00	37.17 1.80 0.00	38.44 1.83 0.00	39.06 1.75 0.00	48.62 2.00 0.00	60.26 2.32 0.00	77.00 2.75 0.00	72.56 2.45 0.00	67.40 2.47 0.00	56.71 1.92 0.00	49.45 1.85 0.00	44.23 1.58 0.00	42.23 1.27 0.00
INDIAN POINT___3 23531	40.54 1.75 0.00	37.21 1.47 0.00	36.27 1.36 0.00	35.39 1.30 0.00	36.30 1.33 0.00	39.52 1.37 0.00	46.96 2.02 0.00	48.22 2.25 0.00	46.48 2.09 0.00	40.93 1.87 0.00	39.56 1.88 0.00	38.17 1.92 0.00	37.21 1.84 0.00	38.47 1.87 0.00	39.14 1.83 0.00	48.67 2.05 0.00	60.26 2.32 0.00	77.08 2.82 0.00	72.63 2.52 0.00	67.47 2.53 0.00	56.82 2.03 0.00	49.50 1.90 0.00	44.32 1.66 0.00	42.31 1.35 0.00
INGHAM_C_115KV_TB7 356103	40.34 1.55 0.00	37.21 1.47 0.00	36.37 1.47 0.00	35.46 1.36 0.00	36.37 1.40 0.00	39.60 1.45 0.00	46.56 1.62 0.00	47.58 1.61 0.00	45.90 1.51 0.00	40.34 1.29 0.00	39.07 1.39 0.00	37.62 1.38 0.00	36.71 1.34 0.00	38.03 1.43 0.00	38.84 1.53 0.00	48.67 2.05 0.00	60.37 2.43 0.00	77.67 3.42 0.00	73.40 3.29 0.00	68.18 3.25 0.00	57.47 2.68 0.00	49.97 2.38 0.00	44.87 2.22 0.00	43.09 2.13 0.00
IP CORINTH___1 23988	39.92 1.12 0.00	36.71 0.97 0.00	35.78 0.87 0.00	35.01 0.92 0.00	35.85 0.87 0.00	39.33 1.18 0.00	46.20 1.26 0.00	47.35 1.38 0.00	45.41 1.02 0.00	39.68 0.62 0.00	38.16 0.49 0.00	36.43 0.18 0.00	35.30 -0.07 0.00	36.72 0.11 0.00	37.42 0.11 0.00	47.22 0.61 0.00	59.04 1.10 0.00	75.67 1.41 0.00	71.51 1.40 0.00	66.56 1.62 0.00	55.99 1.21 0.00	48.50 0.90 0.00	43.59 0.94 0.00	41.90 0.94 0.00
IP___TICONDEROGA 23804	41.39 2.60 0.00	38.14 2.40 0.00	37.14 2.23 0.00	36.41 2.32 0.00	37.17 2.20 0.00	40.86 2.71 0.00	47.91 2.97 0.00	49.14 3.17 0.00	46.92 2.53 0.00	40.85 1.80 0.00	39.22 1.54 0.00	37.30 1.05 0.00	36.08 0.71 0.00	37.63 1.02 0.00	38.32 1.01 0.00	48.67 2.05 0.00	61.19 3.24 0.00	78.79 4.53 0.00	74.66 4.56 0.00	69.61 4.68 0.00	58.24 3.45 0.00	50.40 2.81 0.00	45.30 2.64 0.00	43.37 2.42 0.00
ISLIP_RES_REC 323679	41.62 2.83 0.00	37.89 2.14 0.00	36.82 1.92 0.00	35.83 1.74 0.00	36.89 1.92 0.00	40.17 2.02 0.00	47.73 2.79 0.00	49.24 3.26 0.00	47.59 3.20 0.00	41.59 2.54 0.00	40.31 2.64 0.00	38.89 2.64 0.00	37.92 2.55 0.00	39.31 2.71 0.00	39.99 2.69 0.00	50.16 3.54 0.00	62.12 4.17 0.00	79.97 5.72 0.00	75.50 5.40 0.00	70.06 5.13 0.00	58.52 3.73 0.00	51.40 3.81 0.00	45.90 3.24 0.00	43.58 2.62 0.00

JAMAICA__27_KV_LOAD 355505	41.12 2.33 0.00	37.75 2.00 0.00	36.75 1.85 0.00	35.87 1.77 0.00	36.75 1.78 0.00	40.02 1.87 0.00	47.68 2.74 0.00	49.14 3.17 0.00	47.41 3.02 0.00	41.71 2.66 0.00	40.36 2.67 -0.01	38.98 2.72 -0.01	38.00 2.62 -0.01	39.29 2.67 -0.01	39.97 2.65 -0.01	49.51 2.89 0.00	61.30 3.36 0.00	78.27 4.01 0.00	73.82 3.72 0.00	68.64 3.70 0.00	57.80 3.01 0.00	50.40 2.81 0.00	45.09 2.43 0.00	42.92 1.97 0.00
JANIS__SOLAR 323808	39.72 0.93 0.00	36.68 0.93 0.00	35.92 1.01 0.00	35.08 0.99 0.00	35.99 1.01 0.00	39.37 1.22 0.00	46.20 1.26 0.00	47.40 1.43 0.00	45.99 1.60 0.00	40.27 1.21 0.00	38.69 1.02 0.00	37.22 0.98 0.00	36.32 0.96 0.00	37.45 0.84 0.00	38.32 1.01 0.00	48.39 1.77 0.00	60.02 2.08 0.00	77.82 3.56 0.00	73.40 3.30 0.00	68.12 3.18 0.00	57.14 2.35 0.00	49.68 2.09 0.00	44.45 1.79 0.00	42.47 1.52 0.00
JARVIS____ 23743	38.91 0.12 0.00	35.85 0.11 0.00	34.97 0.07 0.00	34.20 0.10 0.00	35.04 0.07 0.00	38.23 0.08 0.00	45.03 0.09 0.00	46.06 0.09 0.00	44.44 0.04 0.00	39.09 0.04 0.00	37.71 0.04 0.00	36.28 0.04 0.00	35.40 0.04 0.00	36.61 0.00 0.00	37.35 0.04 0.00	46.67 0.05 0.00	58.00 0.06 0.00	74.26 0.00 0.00	70.10 0.00 0.00	65.00 0.07 0.00	54.84 0.05 0.00	47.64 0.05 0.00	42.70 0.04 0.00	41.00 0.04 0.00
JENNISON____1 23625	39.88 1.09 0.00	36.86 1.11 0.00	36.06 1.15 0.00	35.18 1.09 0.00	36.09 1.12 0.00	39.37 1.22 0.00	46.33 1.39 0.00	48.50 2.53 0.00	46.97 2.57 0.00	41.24 2.19 0.00	39.71 2.03 0.00	38.24 1.99 0.00	37.24 1.87 0.00	38.44 1.83 0.00	39.36 2.05 0.00	49.70 3.08 0.00	61.82 3.88 0.00	79.82 5.57 0.00	75.15 5.05 0.00	70.00 5.06 0.00	58.62 3.84 0.00	50.92 3.33 0.00	45.51 2.86 0.00	43.37 2.42 0.00
JENNISON____2 23626	39.88 1.09 0.00	36.86 1.11 0.00	36.06 1.15 0.00	35.18 1.09 0.00	36.09 1.12 0.00	39.37 1.22 0.00	46.33 1.39 0.00	48.50 2.53 0.00	46.97 2.57 0.00	41.24 2.19 0.00	39.71 2.03 0.00	38.24 1.99 0.00	37.24 1.87 0.00	38.44 1.83 0.00	39.36 2.05 0.00	49.70 3.08 0.00	61.82 3.88 0.00	79.82 5.57 0.00	75.15 5.05 0.00	70.00 5.06 0.00	58.62 3.84 0.00	50.92 3.33 0.00	45.51 2.86 0.00	43.37 2.42 0.00
JERICOHO_RISE_WT_PWR 323719	38.01 -0.78 0.00	35.07 -0.68 0.00	34.28 -0.63 0.00	33.34 -0.75 0.00	34.27 -0.70 0.00	37.42 -0.73 0.00	44.27 -0.67 0.00	45.51 -0.46 0.00	44.17 -0.22 0.00	39.02 -0.04 0.00	37.60 -0.08 0.00	36.10 -0.14 0.00	35.33 -0.04 0.00	36.72 0.11 0.00	37.46 0.15 0.00	46.95 0.33 0.00	58.75 0.81 0.00	75.29 1.04 0.00	71.30 1.19 0.00	65.97 1.04 0.00	55.99 1.20 0.00	48.64 1.05 0.00	43.51 0.85 0.00	41.78 0.82 0.00
KATONAH__115KV_46KV_TB4 355592	40.65 1.86 0.00	37.39 1.64 0.00	36.37 1.47 0.00	35.49 1.40 0.00	36.44 1.47 0.00	39.68 1.53 0.00	47.10 2.16 0.00	48.41 2.44 0.00	46.65 2.26 0.00	41.05 1.99 0.00	39.67 2.00 0.00	38.31 2.07 0.00	37.31 1.95 0.00	38.58 1.98 0.00	39.29 1.98 0.00	48.95 2.33 0.00	60.55 2.61 0.00	77.37 3.12 0.00	72.98 2.87 0.00	67.86 2.92 0.00	57.03 2.25 0.00	49.73 2.14 0.00	44.45 1.79 0.00	42.47 1.52 0.00
KCE_NY_1 323755	40.34 1.55 0.00	37.14 1.39 0.00	36.20 1.29 0.00	35.46 1.37 0.00	36.23 1.26 0.00	39.71 1.56 0.00	46.65 1.71 0.00	47.72 1.75 0.00	45.81 1.42 0.00	40.03 0.98 0.00	38.50 0.83 0.00	36.82 0.58 0.00	35.83 0.46 0.00	37.19 0.58 0.00	37.98 0.67 0.00	47.88 1.26 0.00	59.74 1.80 0.00	76.41 2.15 0.00	72.28 2.18 0.00	67.14 2.21 0.00	56.49 1.70 0.00	48.92 1.33 0.00	43.89 1.24 0.00	42.23 1.27 0.00
KCE_NY_6_ESR 323823	36.35 -2.44 0.00	33.96 -1.79 0.00	33.26 -1.64 0.00	32.83 -1.26 0.00	33.82 -1.15 0.00	36.78 -1.37 0.00	42.70 -2.25 0.00	42.84 -3.13 0.00	41.55 -2.84 0.00	37.02 -2.03 0.00	35.94 -1.73 0.00	34.97 -1.27 0.00	34.20 -1.17 0.00	35.36 -1.24 0.00	35.70 -1.60 0.00	44.34 -2.28 0.00	53.88 -4.06 0.00	70.39 -3.86 0.00	66.18 -3.92 0.00	60.45 -4.48 0.00	51.06 -3.73 0.00	44.59 -3.00 0.00	40.05 -2.60 0.00	38.70 -2.25 0.00
KEDC PORT_JEFF_GT2 24210	41.43 2.64 0.00	37.75 2.00 0.00	36.68 1.78 0.00	35.70 1.60 0.00	36.75 1.78 0.00	40.02 1.87 0.00	47.55 2.61 0.00	49.01 3.03 0.00	47.37 2.97 0.00	41.44 2.38 0.00	40.16 2.49 0.00	38.74 2.50 0.00	37.77 2.41 0.00	39.17 2.56 0.00	39.88 2.57 0.00	49.98 3.36 0.00	61.76 3.82 0.00	79.53 5.27 0.00	75.08 4.98 0.00	69.61 4.68 0.00	58.19 3.40 0.00	51.11 3.52 0.00	45.68 3.03 0.00	43.37 2.42 0.00
KEDC PORT_JEFF_GT3 24211	41.43 2.64 0.00	37.75 2.00 0.00	36.68 1.78 0.00	35.70 1.60 0.00	36.75 1.78 0.00	40.02 1.87 0.00	47.55 2.61 0.00	49.01 3.03 0.00	47.37 2.97 0.00	41.44 2.38 0.00	40.16 2.49 0.00	38.74 2.50 0.00	37.77 2.41 0.00	39.17 2.56 0.00	39.88 2.57 0.00	49.98 3.36 0.00	61.76 3.82 0.00	79.53 5.27 0.00	75.08 4.98 0.00	69.61 4.68 0.00	58.19 3.40 0.00	51.11 3.52 0.00	45.68 3.03 0.00	43.37 2.42 0.00
KEDC_GLWD_GT4 24219	41.20 2.41 0.00	37.68 1.93 0.00	36.68 1.78 0.00	35.73 1.64 0.00	36.72 1.75 0.00	40.02 1.87 0.00	47.41 2.47 0.00	48.82 2.85 0.00	47.10 2.71 0.00	41.36 2.30 0.00	40.05 2.37 0.00	38.64 2.39 0.00	37.67 2.30 0.00	38.98 2.38 0.00	39.66 2.35 0.00	49.42 2.80 0.00	61.18 3.24 0.00	78.26 4.01 0.00	73.82 3.71 0.00	68.57 3.63 0.00	57.58 2.79 0.00	50.35 2.76 0.00	45.04 2.39 0.00	42.88 1.93 0.00
KEDC_GLWD_GT5 24220	41.20 2.41 0.00	37.68 1.93 0.00	36.68 1.78 0.00	35.73 1.64 0.00	36.72 1.75 0.00	40.02 1.87 0.00	47.41 2.47 0.00	48.82 2.85 0.00	47.10 2.71 0.00	41.36 2.30 0.00	40.05 2.37 0.00	38.64 2.39 0.00	37.67 2.30 0.00	38.98 2.38 0.00	39.66 2.35 0.00	49.42 2.80 0.00	61.18 3.24 0.00	78.26 4.01 0.00	73.82 3.71 0.00	68.57 3.63 0.00	57.58 2.79 0.00	50.35 2.76 0.00	45.04 2.39 0.00	42.88 1.93 0.00
KENSICO____ 23655	40.65 1.86 0.00	37.32 1.57 0.00	36.34 1.43 0.00	35.46 1.36 0.00	36.37 1.40 0.00	39.60 1.45 0.00	47.05 2.11 0.00	48.36 2.39 0.00	46.61 2.22 0.00	41.01 1.95 0.00	39.67 2.00 0.00	38.27 2.03 0.00	37.31 1.95 0.00	38.58 1.98 0.00	39.25 1.94 0.00	48.81 2.19 0.00	60.43 2.49 0.00	77.23 2.97 0.00	72.84 2.73 0.00	67.66 2.73 0.00	56.93 2.14 0.00	49.64 2.05 0.00	44.45 1.79 0.00	42.39 1.43 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.85 2.06 0.00	37.50 1.75 0.00	36.61 1.71 0.00	35.66 1.57 0.00	36.61 1.64 0.00	39.87 1.72 0.00	47.37 2.43 0.00	48.64 2.67 0.00	46.88 2.49 0.00	41.20 2.15 0.00	39.71 2.03 0.00	38.24 1.99 0.00	37.28 1.91 0.00	38.51 1.90 0.00	39.21 1.90 0.00	49.00 2.38 0.00	60.95 3.01 0.00	78.12 3.86 0.00	73.68 3.58 0.00	68.44 3.51 0.00	57.47 2.68 0.00	50.07 2.47 0.00	44.79 2.13 0.00	42.68 1.72 0.00

KIAC_JFK_GT1 23816	41.04 2.25 0.00	37.64 1.89 0.00	36.65 1.75 0.00	35.80 1.70 0.00	36.68 1.71 0.00	39.94 1.79 0.00	47.59 2.65 0.00	49.01 3.03 0.00	47.28 2.89 0.00	41.63 2.58 0.00	40.25 2.56 -0.01	38.90 2.65 -0.01	37.89 2.51 -0.01	39.18 2.56 -0.01	39.86 2.54 -0.01	49.37 2.75 0.00	61.13 3.19 0.00	78.04 3.79 0.00	73.61 3.51 0.00	68.44 3.51 0.00	57.64 2.85 0.00	50.26 2.67 0.00	44.96 2.30 0.00	42.80 1.84 0.00
KIAC_JFK_GT2 23817	41.04 2.25 0.00	37.64 1.89 0.00	36.65 1.75 0.00	35.80 1.70 0.00	36.68 1.71 0.00	39.94 1.79 0.00	47.59 2.65 0.00	49.01 3.03 0.00	47.28 2.89 0.00	41.63 2.58 0.00	40.25 2.56 -0.01	38.90 2.65 -0.01	37.89 2.51 -0.01	39.18 2.56 -0.01	39.86 2.54 -0.01	49.37 2.75 0.00	61.13 3.19 0.00	78.04 3.79 0.00	73.61 3.51 0.00	68.44 3.51 0.00	57.64 2.85 0.00	50.26 2.67 0.00	44.96 2.30 0.00	42.80 1.84 0.00
KIAC_JFK____ 323774	41.20 2.41 0.00	37.75 2.00 0.00	36.82 1.92 0.00	35.90 1.81 0.00	36.82 1.85 0.00	40.13 1.98 0.00	47.59 2.65 0.00	49.01 3.03 0.00	47.27 2.88 0.00	41.63 2.58 0.00	40.25 2.56 -0.01	38.87 2.61 -0.01	37.89 2.51 -0.01	39.18 2.56 -0.01	39.86 2.54 -0.01	49.37 2.75 0.00	61.24 3.30 0.00	78.04 3.78 0.00	73.61 3.50 0.00	68.44 3.50 0.00	57.64 2.85 0.00	50.26 2.66 0.00	44.96 2.30 0.00	42.80 1.84 0.00
KINTIGH__24_KV_GSU 356498	36.69 -2.10 0.00	34.10 -1.64 0.00	33.40 -1.50 0.00	32.87 -1.23 0.00	33.78 -1.19 0.00	36.74 -1.41 0.00	42.65 -2.29 0.00	42.89 -3.08 0.00	41.55 -2.84 0.00	36.95 -2.11 0.00	35.83 -1.85 0.00	34.79 -1.45 0.00	33.99 -1.38 0.00	35.10 -1.50 0.00	35.52 -1.79 0.00	44.10 -2.52 0.00	53.77 -4.17 0.00	70.10 -4.16 0.00	65.90 -4.20 0.00	60.39 -4.55 0.00	50.95 -3.84 0.00	44.54 -3.05 0.00	40.01 -2.64 0.00	38.66 -2.29 0.00
KINTIGH____ 23543	36.39 -2.40 0.00	34.21 -1.54 0.00	33.51 -1.40 0.00	33.07 -1.02 0.00	33.71 -1.26 0.00	36.47 -1.68 0.00	42.60 -2.34 0.00	42.94 -3.03 0.00	41.55 -2.84 0.00	36.95 -2.11 0.00	35.83 -1.85 0.00	34.76 -1.49 0.00	33.99 -1.38 0.00	35.11 -1.50 0.00	35.48 -1.83 0.00	44.10 -2.52 0.00	54.00 -3.94 0.00	70.10 -4.16 0.00	65.90 -4.21 0.00	60.39 -4.55 0.00	50.95 -3.84 0.00	44.55 -3.05 0.00	40.01 -2.64 0.00	38.58 -2.38 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	38.40 -0.39 0.00	35.39 -0.36 0.00	34.63 -0.28 0.00	33.62 -0.48 0.00	34.59 -0.38 0.00	37.77 -0.38 0.00	44.72 -0.22 0.00	45.93 -0.05 0.00	44.61 0.22 0.00	39.41 0.35 0.00	37.90 0.23 0.00	36.35 0.11 0.00	35.62 0.25 0.00	37.01 0.40 0.00	37.72 0.41 0.00	47.32 0.70 0.00	59.33 1.39 0.00	76.04 1.78 0.00	72.07 1.96 0.00	66.69 1.75 0.00	56.60 1.81 0.00	49.21 1.62 0.00	43.94 1.28 0.00	42.19 1.23 0.00
LACHUTE____HYDRO 323717	41.54 2.75 0.00	38.29 2.54 0.00	37.24 2.34 0.00	36.55 2.46 0.00	37.28 2.31 0.00	40.97 2.82 0.00	47.95 3.01 0.00	49.14 3.17 0.00	46.92 2.53 0.00	40.85 1.80 0.00	39.25 1.58 0.00	37.30 1.05 0.00	36.08 0.71 0.00	37.63 1.02 0.00	38.32 1.01 0.00	48.67 2.05 0.00	61.24 3.30 0.00	78.79 4.53 0.00	74.66 4.55 0.00	69.61 4.68 0.00	58.24 3.45 0.00	50.40 2.81 0.00	45.30 2.65 0.00	43.37 2.42 0.00
LAWRNCAY_115KV_TB1 80681	39.26 0.47 0.00	36.14 0.39 0.00	35.36 0.45 0.00	34.37 0.27 0.00	35.29 0.31 0.00	38.49 0.34 0.00	45.53 0.58 0.00	46.66 0.69 0.00	45.19 0.80 0.00	39.84 0.78 0.00	38.28 0.60 0.00	36.72 0.47 0.00	35.97 0.60 0.00	37.30 0.70 0.00	37.98 0.67 0.00	47.60 0.98 0.00	59.62 1.68 0.00	76.41 2.15 0.00	72.42 2.31 0.00	67.01 2.08 0.00	56.76 1.97 0.00	49.30 1.71 0.00	44.06 1.41 0.00	42.27 1.31 0.00
LEDERLE____ 23769	40.69 1.90 0.00	37.36 1.61 0.00	36.41 1.50 0.00	35.53 1.43 0.00	36.44 1.47 0.00	39.68 1.53 0.00	47.14 2.20 0.00	48.45 2.48 0.00	46.70 2.31 0.00	41.13 2.07 0.00	39.74 2.07 0.00	38.35 2.10 0.00	37.38 2.02 0.00	38.66 2.05 0.00	39.29 1.98 0.00	48.90 2.28 0.00	60.61 2.67 0.00	77.52 3.27 0.00	73.05 2.94 0.00	67.79 2.86 0.00	57.09 2.30 0.00	49.73 2.14 0.00	44.49 1.83 0.00	42.47 1.52 0.00
LIGHTHSE_115KV_TB6 355974	38.25 -0.54 0.00	35.28 -0.46 0.00	34.49 -0.42 0.00	33.62 -0.48 0.00	34.45 -0.52 0.00	37.50 -0.65 0.00	43.91 -1.03 0.00	44.82 -1.15 0.00	43.37 -1.02 0.00	38.20 -0.86 0.00	36.84 -0.83 0.00	35.45 -0.80 0.00	34.52 -0.85 0.00	35.62 -0.99 0.00	36.34 -0.97 0.00	45.45 -1.17 0.00	56.49 -1.45 0.00	72.84 -1.41 0.00	68.84 -1.26 0.00	64.03 -0.91 0.00	53.86 -0.93 0.00	46.83 -0.76 0.00	41.97 -0.68 0.00	40.30 -0.66 0.00
LINDEN COGEN____ 23786	40.96 2.17 0.00	37.53 1.79 0.00	36.58 1.68 0.00	35.70 1.60 0.00	36.62 1.64 0.00	39.87 1.72 0.00	47.23 2.29 0.00	48.59 2.62 0.00	46.87 2.48 0.00	41.28 2.23 0.00	39.95 2.26 -0.01	38.58 2.32 -0.01	37.61 2.23 -0.01	38.85 2.23 -0.01	39.48 2.16 -0.01	48.99 2.38 0.00	60.67 2.72 0.00	77.23 2.97 0.00	72.84 2.73 0.00	67.72 2.79 0.00	57.09 2.30 0.00	49.78 2.19 0.00	44.58 1.92 0.00	42.47 1.52 0.00
LINDHRST_69_KV_BK1 356055	41.58 2.79 0.00	37.93 2.18 0.00	36.82 1.92 0.00	35.90 1.81 0.00	36.86 1.89 0.00	40.13 1.98 0.00	47.86 2.92 0.00	49.33 3.36 0.00	47.68 3.28 0.00	41.75 2.69 0.00	40.42 2.75 0.00	38.96 2.72 0.00	37.98 2.62 0.00	39.39 2.78 0.00	40.10 2.80 0.00	50.21 3.59 0.00	62.06 4.11 0.00	79.90 5.64 0.00	75.43 5.33 0.00	70.00 5.06 0.00	58.57 3.78 0.00	51.35 3.76 0.00	45.90 3.24 0.00	43.58 2.62 0.00
LIPA_MISC_IPP 23656	41.23 2.44 0.00	37.57 1.82 0.00	36.48 1.57 0.00	35.53 1.43 0.00	36.51 1.54 0.00	39.75 1.60 0.00	47.37 2.43 0.00	48.87 2.90 0.00	47.28 2.89 0.00	41.28 2.23 0.00	40.05 2.37 0.00	38.67 2.43 0.00	37.70 2.33 0.00	39.09 2.49 0.00	39.77 2.46 0.00	49.93 3.31 0.00	61.71 3.77 0.00	79.53 5.27 0.00	75.08 4.98 0.00	69.67 4.74 0.00	58.19 3.40 0.00	51.16 3.57 0.00	45.73 3.07 0.00	43.37 2.42 0.00
LISF____SOLAR 323691	41.46 2.67 0.00	37.71 1.96 0.00	36.68 1.78 0.00	35.70 1.60 0.00	36.72 1.75 0.00	39.98 1.83 0.00	47.50 2.56 0.00	48.96 2.99 0.00	47.32 2.93 0.00	41.32 2.26 0.00	40.09 2.41 0.00	38.71 2.47 0.00	37.74 2.37 0.00	39.13 2.52 0.00	39.81 2.50 0.00	49.98 3.36 0.00	61.82 3.88 0.00	79.75 5.49 0.00	75.29 5.19 0.00	69.81 4.87 0.00	58.30 3.51 0.00	51.26 3.66 0.00	45.81 3.16 0.00	43.46 2.50 0.00
LITTLE FALLS____HYD 24013	40.34 1.55 0.00	37.21 1.47 0.00	36.37 1.47 0.00	35.46 1.36 0.00	36.37 1.40 0.00	39.60 1.45 0.00	46.56 1.62 0.00	47.58 1.61 0.00	45.90 1.51 0.00	40.34 1.29 0.00	39.07 1.39 0.00	37.62 1.38 0.00	36.71 1.34 0.00	38.03 1.43 0.00	38.84 1.53 0.00	48.67 2.05 0.00	60.37 2.43 0.00	77.67 3.42 0.00	73.40 3.29 0.00	68.18 3.25 0.00	57.47 2.68 0.00	49.97 2.38 0.00	44.87 2.22 0.00	43.09 2.13 0.00

LITTLRIV_115KV_TB1 356100	39.68 0.89 0.00	36.53 0.79 0.00	35.78 0.87 0.00	34.71 0.61 0.00	35.67 0.70 0.00	38.91 0.76 0.00	46.02 1.08 0.00	47.17 1.20 0.00	45.63 1.24 0.00	40.15 1.09 0.00	38.50 0.83 0.00	36.90 0.65 0.00	36.11 0.74 0.00	37.48 0.88 0.00	38.17 0.86 0.00	47.92 1.31 0.00	60.20 2.26 0.00	77.37 3.12 0.00	73.33 3.22 0.00	67.99 3.05 0.00	57.53 2.74 0.00	49.97 2.38 0.00	44.62 1.96 0.00	42.76 1.80 0.00
LI_NEWBRDGE___DRP 323616	40.92 2.13 0.00	37.36 1.61 0.00	36.30 1.40 0.00	35.39 1.30 0.00	36.34 1.36 0.00	39.56 1.41 0.00	47.14 2.20 0.00	48.59 2.62 0.00	46.97 2.57 0.00	41.13 2.07 0.00	39.86 2.19 0.00	38.45 2.21 0.00	37.49 2.12 0.00	38.84 2.23 0.00	39.51 2.20 0.00	49.37 2.75 0.00	60.90 2.96 0.00	78.19 3.94 0.00	73.82 3.72 0.00	68.51 3.57 0.00	57.42 2.63 0.00	50.35 2.76 0.00	45.09 2.43 0.00	42.84 1.88 0.00
LOCKPORT_115KV_TB60_63_64 80432	35.84 -2.95 0.00	33.82 -1.93 0.00	33.19 -1.71 0.00	33.10 -0.99 0.00	33.43 -1.54 0.00	36.09 -2.06 0.00	42.20 -2.74 0.00	42.39 -3.59 0.00	41.02 -3.37 0.00	36.52 -2.54 0.00	35.45 -2.22 0.00	34.47 -1.78 0.00	33.71 -1.66 0.00	34.81 -1.79 0.00	35.11 -2.20 0.00	43.64 -2.98 0.00	53.31 -4.64 0.00	69.43 -4.83 0.00	65.27 -4.84 0.00	59.67 -5.26 0.00	50.35 -4.44 0.00	44.02 -3.57 0.00	39.58 -3.07 0.00	38.17 -2.79 0.00
LOCKPORT___CC1 323769	36.23 -2.56 0.00	33.96 -1.79 0.00	33.09 -1.82 0.00	32.63 -1.47 0.00	33.78 -1.19 0.00	36.62 -1.53 0.00	42.25 -2.70 0.00	42.34 -3.63 0.00	41.02 -3.38 0.00	36.52 -2.54 0.00	35.45 -2.22 0.00	34.47 -1.78 0.00	33.71 -1.66 0.00	34.81 -1.79 0.00	35.18 -2.13 0.00	43.63 -2.98 0.00	53.07 -4.87 0.00	69.43 -4.83 0.00	65.20 -4.91 0.00	59.68 -5.26 0.00	50.35 -4.44 0.00	44.02 -3.57 0.00	39.58 -3.07 0.00	38.30 -2.66 0.00
LOCKPORT___CC2 323770	36.23 -2.56 0.00	33.96 -1.79 0.00	33.09 -1.82 0.00	32.63 -1.47 0.00	33.78 -1.19 0.00	36.62 -1.53 0.00	42.25 -2.70 0.00	42.34 -3.63 0.00	41.02 -3.38 0.00	36.52 -2.54 0.00	35.45 -2.22 0.00	34.47 -1.78 0.00	33.71 -1.66 0.00	34.81 -1.79 0.00	35.18 -2.13 0.00	43.63 -2.98 0.00	53.07 -4.87 0.00	69.43 -4.83 0.00	65.20 -4.91 0.00	59.68 -5.26 0.00	50.35 -4.44 0.00	44.02 -3.57 0.00	39.58 -3.07 0.00	38.30 -2.66 0.00
LOCKPORT___CC3 323771	36.23 -2.56 0.00	33.96 -1.79 0.00	33.09 -1.82 0.00	32.63 -1.47 0.00	33.78 -1.19 0.00	36.62 -1.53 0.00	42.25 -2.70 0.00	42.34 -3.63 0.00	41.02 -3.38 0.00	36.52 -2.54 0.00	35.45 -2.22 0.00	34.47 -1.78 0.00	33.71 -1.66 0.00	34.81 -1.79 0.00	35.18 -2.13 0.00	43.63 -2.98 0.00	53.07 -4.87 0.00	69.43 -4.83 0.00	65.20 -4.91 0.00	59.68 -5.26 0.00	50.35 -4.44 0.00	44.02 -3.57 0.00	39.58 -3.07 0.00	38.30 -2.66 0.00
LOCUSVLY_69_KV_BK2 55797	41.16 2.37 0.00	37.61 1.86 0.00	36.58 1.68 0.00	35.66 1.57 0.00	36.61 1.64 0.00	39.87 1.72 0.00	47.50 2.56 0.00	48.91 2.94 0.00	47.28 2.89 0.00	41.44 2.38 0.00	40.16 2.49 0.00	38.71 2.46 0.00	37.74 2.37 0.00	39.09 2.49 0.00	39.77 2.46 0.00	49.65 3.03 0.00	61.30 3.36 0.00	78.64 4.38 0.00	74.24 4.14 0.00	68.90 3.96 0.00	57.80 3.01 0.00	50.59 3.00 0.00	45.30 2.64 0.00	43.09 2.13 0.00
LONG_LAKE_PHOENIX 24014	37.90 -0.89 0.00	35.00 -0.75 0.00	34.21 -0.70 0.00	33.45 -0.65 0.00	34.27 -0.70 0.00	37.35 -0.80 0.00	43.73 -1.21 0.00	44.64 -1.33 0.00	43.10 -1.29 0.00	37.96 -1.09 0.00	36.66 -1.02 0.00	35.30 -0.94 0.00	34.41 -0.95 0.00	35.54 -1.06 0.00	36.23 -1.08 0.00	45.17 -1.45 0.00	56.15 -1.80 0.00	72.10 -2.15 0.00	68.00 -2.10 0.00	62.99 -1.95 0.00	53.04 -1.75 0.00	46.12 -1.48 0.00	41.38 -1.28 0.00	39.73 -1.23 0.00
LOVETT___3 23632	40.54 1.75 0.00	37.21 1.47 0.00	36.27 1.36 0.00	35.39 1.30 0.00	36.30 1.33 0.00	39.52 1.37 0.00	46.92 1.98 0.00	48.22 2.25 0.00	46.48 2.09 0.00	40.93 1.87 0.00	39.56 1.88 0.00	38.17 1.92 0.00	37.21 1.84 0.00	38.47 1.87 0.00	39.14 1.83 0.00	48.67 2.05 0.00	60.26 2.32 0.00	77.08 2.82 0.00	72.63 2.52 0.00	67.47 2.53 0.00	56.82 2.03 0.00	49.50 1.90 0.00	44.32 1.66 0.00	42.27 1.31 0.00
LOVETT___4 23642	40.54 1.75 0.00	37.21 1.47 0.00	36.27 1.36 0.00	35.39 1.30 0.00	36.30 1.33 0.00	39.52 1.37 0.00	46.92 1.98 0.00	48.22 2.25 0.00	46.48 2.09 0.00	40.93 1.87 0.00	39.56 1.88 0.00	38.17 1.92 0.00	37.21 1.84 0.00	38.47 1.87 0.00	39.14 1.83 0.00	48.67 2.05 0.00	60.26 2.32 0.00	77.08 2.82 0.00	72.63 2.52 0.00	67.47 2.53 0.00	56.82 2.03 0.00	49.50 1.90 0.00	44.32 1.66 0.00	42.27 1.31 0.00
LOVETT___5 23593	40.54 1.75 0.00	37.21 1.47 0.00	36.27 1.36 0.00	35.39 1.30 0.00	36.30 1.33 0.00	39.52 1.37 0.00	46.92 1.98 0.00	48.22 2.25 0.00	46.48 2.09 0.00	40.93 1.87 0.00	39.56 1.88 0.00	38.17 1.92 0.00	37.21 1.84 0.00	38.47 1.87 0.00	39.14 1.83 0.00	48.67 2.05 0.00	60.26 2.32 0.00	77.08 2.82 0.00	72.63 2.52 0.00	67.47 2.53 0.00	56.82 2.03 0.00	49.50 1.90 0.00	44.32 1.66 0.00	42.27 1.31 0.00
LOWER RAQUET___HYD 24057	39.22 0.43 0.00	36.14 0.39 0.00	35.36 0.45 0.00	34.33 0.24 0.00	35.25 0.28 0.00	38.49 0.34 0.00	45.48 0.54 0.00	46.66 0.69 0.00	45.19 0.80 0.00	39.80 0.74 0.00	38.24 0.57 0.00	36.68 0.44 0.00	35.90 0.53 0.00	37.27 0.66 0.00	37.94 0.63 0.00	47.60 0.98 0.00	59.62 1.68 0.00	76.48 2.23 0.00	72.49 2.38 0.00	67.14 2.21 0.00	56.82 2.03 0.00	49.35 1.76 0.00	44.11 1.45 0.00	42.27 1.31 0.00
LOWER___HUDSON 24059	40.03 1.24 0.00	36.82 1.07 0.00	35.88 0.98 0.00	35.15 1.06 0.00	35.95 0.98 0.00	39.37 1.22 0.00	46.29 1.35 0.00	47.35 1.38 0.00	45.54 1.15 0.00	39.76 0.70 0.00	38.24 0.57 0.00	36.64 0.40 0.00	35.72 0.35 0.00	37.01 0.40 0.00	37.83 0.52 0.00	47.60 0.98 0.00	59.21 1.27 0.00	75.66 1.41 0.00	71.58 1.47 0.00	66.43 1.49 0.00	55.99 1.20 0.00	48.35 0.76 0.00	43.38 0.72 0.00	41.86 0.90 0.00
LOWVILLE_115KV_TB2 356335	38.67 -0.12 0.00	35.60 -0.14 0.00	34.83 -0.07 0.00	33.85 -0.24 0.00	34.76 -0.21 0.00	37.92 -0.23 0.00	44.58 -0.36 0.00	45.60 -0.37 0.00	44.08 -0.31 0.00	38.67 -0.39 0.00	37.26 -0.41 0.00	35.85 -0.40 0.00	34.98 -0.39 0.00	36.17 -0.44 0.00	36.97 -0.34 0.00	46.57 -0.05 0.00	58.23 0.29 0.00	75.15 0.89 0.00	71.58 1.47 0.00	66.62 1.69 0.00	55.99 1.21 0.00	48.59 1.00 0.00	43.51 0.85 0.00	41.65 0.70 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	40.19 1.40 0.00	36.96 1.22 0.00	36.02 1.12 0.00	35.25 1.16 0.00	36.13 1.15 0.00	39.60 1.45 0.00	46.56 1.62 0.00	47.67 1.70 0.00	45.77 1.38 0.00	39.99 0.94 0.00	38.46 0.79 0.00	36.82 0.58 0.00	35.83 0.46 0.00	37.19 0.59 0.00	37.94 0.63 0.00	47.83 1.21 0.00	59.68 1.74 0.00	76.41 2.15 0.00	72.21 2.10 0.00	67.14 2.21 0.00	56.43 1.64 0.00	48.88 1.28 0.00	43.89 1.24 0.00	42.23 1.27 0.00

LUTHERNY_35_KV_BK2 355980	40.23 1.44 0.00	37.00 1.25 0.00	36.06 1.15 0.00	35.29 1.19 0.00	36.16 1.19 0.00	39.60 1.45 0.00	46.60 1.66 0.00	47.72 1.75 0.00	45.81 1.42 0.00	40.03 0.98 0.00	38.50 0.83 0.00	36.82 0.58 0.00	35.83 0.46 0.00	37.19 0.59 0.00	37.98 0.67 0.00	47.88 1.26 0.00	59.74 1.80 0.00	76.41 2.15 0.00	72.28 2.17 0.00	67.14 2.21 0.00	56.49 1.70 0.00	48.92 1.33 0.00	43.89 1.24 0.00	42.23 1.27 0.00
LWR___OSWEGATCHIE_HYD 23850	38.71 -0.08 0.00	35.64 -0.11 0.00	34.90 0.00 0.00	33.89 -0.20 0.00	34.80 -0.17 0.00	37.96 -0.19 0.00	44.72 -0.22 0.00	45.83 -0.14 0.00	44.35 -0.04 0.00	38.98 -0.08 0.00	37.48 -0.19 0.00	35.99 -0.25 0.00	35.19 -0.18 0.00	36.42 -0.18 0.00	37.16 -0.15 0.00	46.71 0.09 0.00	58.52 0.58 0.00	75.30 1.04 0.00	71.51 1.40 0.00	66.43 1.49 0.00	56.05 1.26 0.00	48.64 1.05 0.00	43.51 0.85 0.00	41.65 0.70 0.00
LYONS_FALL_HYD 23570	38.95 0.16 0.00	35.85 0.11 0.00	35.08 0.18 0.00	34.13 0.03 0.00	35.04 0.07 0.00	38.23 0.08 0.00	44.94 0.00 0.00	45.97 0.00 0.00	44.48 0.09 0.00	39.02 -0.04 0.00	37.60 -0.08 0.00	36.17 -0.07 0.00	35.30 -0.07 0.00	36.50 -0.11 0.00	37.27 -0.04 0.00	46.85 0.23 0.00	58.46 0.52 0.00	75.29 1.04 0.00	71.51 1.40 0.00	66.49 1.56 0.00	55.88 1.10 0.00	48.49 0.90 0.00	43.42 0.77 0.00	41.61 0.65 0.00
MADISON___COUNTY_LFGE 323628	39.45 0.66 0.00	36.39 0.64 0.00	35.60 0.70 0.00	34.74 0.65 0.00	35.60 0.63 0.00	38.87 0.72 0.00	45.71 0.76 0.00	46.66 0.69 0.00	45.15 0.75 0.00	39.68 0.62 0.00	38.24 0.57 0.00	36.75 0.51 0.00	35.83 0.46 0.00	37.01 0.40 0.00	37.79 0.49 0.00	47.41 0.79 0.00	58.87 0.93 0.00	75.74 1.49 0.00	71.44 1.33 0.00	66.36 1.43 0.00	55.77 0.99 0.00	48.45 0.86 0.00	43.42 0.77 0.00	41.61 0.66 0.00
MALONE___115KV_TB1 356076	38.71 -0.08 0.00	35.68 -0.07 0.00	34.90 0.00 0.00	33.89 -0.20 0.00	34.87 -0.10 0.00	38.04 -0.11 0.00	45.08 0.13 0.00	46.34 0.37 0.00	45.01 0.62 0.00	39.76 0.70 0.00	38.20 0.53 0.00	36.64 0.40 0.00	35.93 0.57 0.00	37.30 0.70 0.00	37.98 0.67 0.00	47.64 1.03 0.00	59.74 1.80 0.00	76.48 2.23 0.00	72.49 2.38 0.00	67.08 2.14 0.00	56.98 2.19 0.00	49.54 1.95 0.00	44.19 1.54 0.00	42.35 1.39 0.00
MAPLEWOD_115KV_TB3 80458	39.72 0.93 0.00	36.53 0.79 0.00	35.60 0.70 0.00	34.81 0.72 0.00	35.74 0.77 0.00	39.10 0.95 0.00	46.02 1.08 0.00	47.08 1.10 0.00	45.32 0.93 0.00	39.68 0.62 0.00	38.24 0.57 0.00	36.68 0.43 0.00	35.76 0.39 0.00	37.05 0.44 0.00	37.83 0.52 0.00	47.46 0.84 0.00	58.98 1.04 0.00	75.30 1.04 0.00	71.23 1.12 0.00	66.17 1.23 0.00	55.72 0.93 0.00	48.21 0.62 0.00	43.30 0.64 0.00	41.74 0.78 0.00
MAPLE_RIDGE_WT_1 323574	37.66 -1.13 0.00	34.71 -1.04 0.00	33.89 -1.01 0.00	33.10 -0.99 0.00	34.03 -0.94 0.00	37.16 -0.99 0.00	43.91 -1.03 0.00	45.05 -0.92 0.00	43.73 -0.66 0.00	38.63 -0.43 0.00	37.33 -0.34 0.00	35.95 -0.29 0.00	35.12 -0.25 0.00	36.39 -0.22 0.00	37.12 -0.19 0.00	46.48 -0.14 0.00	57.94 0.00 0.00	74.33 0.07 0.00	70.25 0.14 0.00	65.06 0.13 0.00	54.95 0.16 0.00	47.78 0.19 0.00	42.78 0.13 0.00	41.08 0.12 0.00
MAPLE_RIDGE_WT_2 323611	37.66 -1.13 0.00	34.71 -1.04 0.00	33.89 -1.01 0.00	33.10 -0.99 0.00	34.03 -0.94 0.00	37.16 -0.99 0.00	43.91 -1.03 0.00	45.05 -0.92 0.00	43.73 -0.66 0.00	38.63 -0.43 0.00	37.33 -0.34 0.00	35.95 -0.29 0.00	35.12 -0.25 0.00	36.39 -0.22 0.00	37.12 -0.19 0.00	46.48 -0.14 0.00	57.94 0.00 0.00	74.33 0.07 0.00	70.25 0.14 0.00	65.06 0.13 0.00	54.95 0.16 0.00	47.78 0.19 0.00	42.78 0.13 0.00	41.08 0.12 0.00
MARBLE_RIVER_WT_PWR 323696	38.01 -0.78 0.00	35.03 -0.71 0.00	34.28 -0.63 0.00	33.31 -0.78 0.00	34.27 -0.70 0.00	37.42 -0.73 0.00	44.27 -0.67 0.00	45.47 -0.50 0.00	44.13 -0.26 0.00	38.98 -0.08 0.00	37.56 -0.11 0.00	36.06 -0.18 0.00	35.30 -0.07 0.00	36.68 0.07 0.00	37.42 0.11 0.00	46.90 0.28 0.00	58.69 0.75 0.00	75.22 0.96 0.00	71.22 1.12 0.00	65.97 1.04 0.00	55.94 1.15 0.00	48.59 1.00 0.00	43.46 0.81 0.00	41.73 0.78 0.00
MARSHVLE_115KV_TB1 80742	39.57 0.78 0.00	36.43 0.68 0.00	35.50 0.59 0.00	34.74 0.65 0.00	35.57 0.59 0.00	38.95 0.80 0.00	45.62 0.67 0.00	46.52 0.55 0.00	43.99 -0.40 0.00	38.27 -0.78 0.00	37.07 -0.60 0.00	35.59 -0.65 0.00	34.55 -0.81 0.00	35.98 -0.62 0.00	36.75 -0.56 0.00	46.71 0.09 0.00	58.52 0.58 0.00	75.37 1.11 0.00	71.23 1.12 0.00	66.36 1.43 0.00	55.56 0.77 0.00	48.16 0.57 0.00	43.51 0.85 0.00	41.57 0.61 0.00
MARSH_HILL_WT_PWR 323713	36.27 -2.52 0.00	33.96 -1.79 0.00	33.33 -1.57 0.00	32.87 -1.23 0.00	33.78 -1.19 0.00	36.93 -1.22 0.00	43.10 -1.84 0.00	43.63 -2.34 0.00	42.26 -2.13 0.00	37.53 -1.52 0.00	36.32 -1.35 0.00	35.27 -0.98 0.00	34.45 -0.92 0.00	35.54 -1.06 0.00	36.15 -1.16 0.00	45.17 -1.45 0.00	55.34 -2.61 0.00	72.47 -1.78 0.00	68.22 -1.89 0.00	62.40 -2.53 0.00	52.65 -2.14 0.00	46.02 -1.57 0.00	41.16 -1.49 0.00	39.48 -1.47 0.00
MCINTYRE_115KV_TB2 80467	39.92 1.12 0.00	36.75 1.00 0.00	35.99 1.08 0.00	34.91 0.82 0.00	35.88 0.91 0.00	39.18 1.03 0.00	46.33 1.39 0.00	47.44 1.47 0.00	45.86 1.46 0.00	40.31 1.25 0.00	38.61 0.94 0.00	36.97 0.72 0.00	36.18 0.81 0.00	37.56 0.95 0.00	38.24 0.93 0.00	48.06 1.45 0.00	60.43 2.49 0.00	77.75 3.49 0.00	73.75 3.65 0.00	68.38 3.44 0.00	57.86 3.07 0.00	50.21 2.62 0.00	44.83 2.18 0.00	42.96 2.01 0.00
MECO_____69_KV_BK1 80468	40.42 1.63 0.00	37.21 1.47 0.00	36.27 1.36 0.00	35.49 1.40 0.00	36.34 1.36 0.00	39.83 1.68 0.00	46.69 1.75 0.00	47.63 1.65 0.00	45.01 0.62 0.00	39.06 0.00 0.00	37.60 -0.08 0.00	35.99 -0.25 0.00	34.94 -0.42 0.00	36.42 -0.18 0.00	37.27 -0.04 0.00	47.50 0.89 0.00	59.91 1.97 0.00	77.15 2.90 0.00	72.98 2.87 0.00	67.99 3.05 0.00	56.87 2.08 0.00	49.35 1.76 0.00	44.36 1.71 0.00	42.43 1.47 0.00
MENANDS___115KV_TB5 355628	39.60 0.81 0.00	36.39 0.64 0.00	35.50 0.59 0.00	34.67 0.58 0.00	35.60 0.63 0.00	38.95 0.80 0.00	45.84 0.90 0.00	46.89 0.92 0.00	45.19 0.80 0.00	39.56 0.51 0.00	38.12 0.45 0.00	36.61 0.36 0.00	35.69 0.32 0.00	36.94 0.33 0.00	37.72 0.41 0.00	47.32 0.70 0.00	58.69 0.75 0.00	75.00 0.74 0.00	70.88 0.77 0.00	65.84 0.91 0.00	55.50 0.71 0.00	48.02 0.43 0.00	43.08 0.43 0.00	41.57 0.61 0.00
MG INDUSTRY___DRP 24185	39.72 0.93 0.00	36.57 0.82 0.00	35.64 0.73 0.00	34.84 0.75 0.00	35.74 0.77 0.00	39.07 0.92 0.00	45.97 1.03 0.00	47.03 1.06 0.00	45.23 0.84 0.00	39.60 0.55 0.00	38.16 0.49 0.00	36.64 0.40 0.00	35.72 0.35 0.00	37.01 0.40 0.00	37.79 0.49 0.00	47.41 0.79 0.00	58.93 0.99 0.00	75.37 1.11 0.00	71.16 1.05 0.00	66.17 1.23 0.00	55.67 0.88 0.00	48.31 0.71 0.00	43.34 0.68 0.00	41.69 0.74 0.00

MID___OSWEGATCHIE_HYD 23849	38.71 -0.08 0.00	35.64 -0.11 0.00	34.90 0.00 0.00	33.89 -0.20 0.00	34.80 -0.17 0.00	37.96 -0.19 0.00	44.72 -0.22 0.00	45.83 -0.14 0.00	44.35 -0.04 0.00	38.98 -0.08 0.00	37.48 -0.19 0.00	35.99 -0.25 0.00	35.19 -0.18 0.00	36.42 -0.18 0.00	37.16 -0.15 0.00	46.71 0.09 0.00	58.52 0.58 0.00	75.30 1.04 0.00	71.51 1.40 0.00	66.43 1.49 0.00	56.05 1.26 0.00	48.64 1.05 0.00	43.51 0.85 0.00	41.65 0.70 0.00
MID___RAQUETTE_HYD 23851	39.22 0.43 0.00	36.10 0.36 0.00	35.36 0.45 0.00	34.33 0.24 0.00	35.25 0.28 0.00	38.45 0.31 0.00	45.48 0.54 0.00	46.66 0.69 0.00	45.19 0.80 0.00	39.80 0.74 0.00	38.24 0.57 0.00	36.68 0.43 0.00	35.90 0.53 0.00	37.27 0.66 0.00	37.94 0.63 0.00	47.60 0.98 0.00	59.62 1.68 0.00	76.48 2.23 0.00	72.49 2.38 0.00	67.14 2.21 0.00	56.82 2.03 0.00	49.35 1.76 0.00	44.11 1.45 0.00	42.27 1.31 0.00
MILLIKEN___1 23584	39.06 0.27 0.00	36.10 0.36 0.00	35.29 0.38 0.00	34.57 0.48 0.00	35.39 0.42 0.00	38.61 0.46 0.00	45.35 0.40 0.00	46.29 0.32 0.00	45.15 0.75 0.00	39.68 0.62 0.00	38.28 0.60 0.00	36.86 0.62 0.00	35.97 0.60 0.00	37.08 0.48 0.00	37.87 0.56 0.00	47.41 0.79 0.00	58.29 0.35 0.00	75.22 0.97 0.00	70.88 0.77 0.00	65.58 0.65 0.00	55.23 0.44 0.00	48.07 0.48 0.00	43.04 0.38 0.00	41.20 0.25 0.00
MILLIKEN___2 23585	39.06 0.27 0.00	36.10 0.36 0.00	35.29 0.38 0.00	34.57 0.48 0.00	35.39 0.42 0.00	38.61 0.46 0.00	45.35 0.40 0.00	46.29 0.32 0.00	45.15 0.75 0.00	39.68 0.62 0.00	38.28 0.60 0.00	36.86 0.62 0.00	35.97 0.60 0.00	37.08 0.48 0.00	37.87 0.56 0.00	47.41 0.79 0.00	58.29 0.35 0.00	75.22 0.97 0.00	70.88 0.77 0.00	65.58 0.65 0.00	55.23 0.44 0.00	48.07 0.48 0.00	43.04 0.38 0.00	41.20 0.25 0.00
MILLIKEN___DIESEL 23629	39.06 0.27 0.00	36.10 0.36 0.00	35.29 0.38 0.00	34.57 0.48 0.00	35.39 0.42 0.00	38.61 0.46 0.00	45.35 0.40 0.00	46.29 0.32 0.00	45.15 0.75 0.00	39.68 0.62 0.00	38.28 0.60 0.00	36.86 0.62 0.00	35.97 0.60 0.00	37.08 0.48 0.00	37.87 0.56 0.00	47.41 0.79 0.00	58.29 0.35 0.00	75.22 0.97 0.00	70.88 0.77 0.00	65.58 0.65 0.00	55.23 0.44 0.00	48.07 0.48 0.00	43.04 0.38 0.00	41.20 0.25 0.00
MILLSEAT___LFGE 323607	36.93 -1.86 0.00	34.57 -1.18 0.00	33.68 -1.22 0.00	33.17 -0.92 0.00	34.31 -0.67 0.00	37.27 -0.88 0.00	43.10 -1.84 0.00	43.17 -2.81 0.00	41.91 -2.49 0.00	37.22 -1.83 0.00	36.13 -1.55 0.00	35.05 -1.20 0.00	34.24 -1.13 0.00	35.32 -1.28 0.00	35.74 -1.57 0.00	44.43 -2.19 0.00	54.18 -3.77 0.00	71.06 -3.19 0.00	66.81 -3.29 0.00	61.17 -3.77 0.00	51.50 -3.29 0.00	45.07 -2.52 0.00	40.44 -2.22 0.00	39.03 -1.92 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.57 1.78 0.00	37.25 1.50 0.00	36.30 1.40 0.00	35.42 1.33 0.00	36.34 1.36 0.00	39.56 1.41 0.00	47.01 2.07 0.00	48.32 2.34 0.00	46.57 2.18 0.00	40.97 1.91 0.00	39.59 1.92 0.00	38.20 1.96 0.00	37.24 1.87 0.00	38.51 1.90 0.00	39.17 1.87 0.00	48.76 2.14 0.00	60.37 2.43 0.00	77.15 2.90 0.00	72.70 2.59 0.00	67.53 2.60 0.00	56.87 2.08 0.00	49.59 2.00 0.00	44.36 1.71 0.00	42.35 1.39 0.00
MILLWOOD_13_KV_LOAD 356217	40.65 1.86 0.00	37.32 1.57 0.00	36.34 1.43 0.00	35.46 1.36 0.00	36.41 1.43 0.00	39.64 1.49 0.00	47.05 2.11 0.00	48.36 2.39 0.00	46.61 2.22 0.00	41.01 1.95 0.00	39.63 1.96 0.00	38.27 2.03 0.00	37.28 1.91 0.00	38.58 1.98 0.00	39.25 1.94 0.00	48.86 2.24 0.00	60.43 2.49 0.00	77.30 3.04 0.00	72.84 2.73 0.00	67.66 2.73 0.00	56.98 2.19 0.00	49.69 2.09 0.00	44.40 1.75 0.00	42.39 1.43 0.00
MODEL_CITY_ENERGY 24167	35.92 -2.87 0.00	33.82 -1.93 0.00	32.77 -2.13 0.00	32.32 -1.77 0.00	33.61 -1.36 0.00	36.40 -1.75 0.00	41.88 -3.06 0.00	41.93 -4.05 0.00	40.62 -3.77 0.00	36.17 -2.89 0.00	35.11 -2.56 0.00	34.14 -2.10 0.00	33.39 -1.98 0.00	34.48 -2.12 0.00	34.84 -2.46 0.00	43.22 -3.40 0.00	52.49 -5.45 0.00	68.69 -5.57 0.00	64.49 -5.61 0.00	59.03 -5.91 0.00	49.80 -4.99 0.00	43.55 -4.05 0.00	39.20 -3.45 0.00	37.93 -3.03 0.00
MODERN_LFGE___ 323580	35.92 -2.87 0.00	33.82 -1.93 0.00	32.77 -2.13 0.00	32.32 -1.77 0.00	33.61 -1.36 0.00	36.40 -1.75 0.00	41.88 -3.06 0.00	41.93 -4.05 0.00	40.62 -3.77 0.00	36.17 -2.89 0.00	35.11 -2.56 0.00	34.14 -2.10 0.00	33.39 -1.98 0.00	34.48 -2.12 0.00	34.84 -2.46 0.00	43.22 -3.40 0.00	52.49 -5.45 0.00	68.69 -5.57 0.00	64.49 -5.61 0.00	59.03 -5.91 0.00	49.80 -4.99 0.00	43.55 -4.05 0.00	39.20 -3.45 0.00	37.93 -3.03 0.00
MOHAWK_PAPER___DRP 24187	39.72 0.93 0.00	36.53 0.79 0.00	35.60 0.70 0.00	34.81 0.72 0.00	35.74 0.77 0.00	39.10 0.95 0.00	46.02 1.08 0.00	47.08 1.10 0.00	45.32 0.93 0.00	39.68 0.62 0.00	38.24 0.57 0.00	36.68 0.43 0.00	35.76 0.39 0.00	37.05 0.44 0.00	37.83 0.52 0.00	47.46 0.84 0.00	58.98 1.04 0.00	75.30 1.04 0.00	71.23 1.12 0.00	66.17 1.23 0.00	55.72 0.93 0.00	48.21 0.62 0.00	43.30 0.64 0.00	41.74 0.78 0.00
MOHICAN___35_KV_115KV_LD 80490	40.19 1.40 0.00	37.00 1.25 0.00	36.02 1.12 0.00	35.29 1.19 0.00	36.13 1.15 0.00	39.64 1.49 0.00	46.56 1.62 0.00	47.72 1.75 0.00	45.77 1.38 0.00	39.91 0.86 0.00	38.39 0.72 0.00	36.64 0.40 0.00	35.55 0.18 0.00	36.94 0.33 0.00	37.68 0.37 0.00	47.60 0.98 0.00	59.51 1.56 0.00	76.26 2.00 0.00	72.14 2.03 0.00	67.14 2.21 0.00	56.43 1.64 0.00	48.88 1.28 0.00	43.94 1.28 0.00	42.19 1.23 0.00
MONGAUP___HYD 23641	40.81 2.02 0.00	37.43 1.68 0.00	36.55 1.64 0.00	35.59 1.50 0.00	36.55 1.58 0.00	39.87 1.72 0.00	47.14 2.20 0.00	48.32 2.34 0.00	46.48 2.09 0.00	40.77 1.72 0.00	39.22 1.55 0.00	37.73 1.49 0.00	36.82 1.45 0.00	38.11 1.50 0.00	38.80 1.49 0.00	48.53 1.91 0.00	60.49 2.55 0.00	77.67 3.42 0.00	73.26 3.16 0.00	67.99 3.05 0.00	57.14 2.35 0.00	49.78 2.19 0.00	44.49 1.83 0.00	42.47 1.52 0.00
MONTAUK___DIESEL 23721	40.92 2.13 0.00	37.21 1.47 0.00	36.13 1.22 0.00	35.18 1.09 0.00	36.20 1.22 0.00	39.37 1.22 0.00	46.47 1.53 0.00	48.04 2.07 0.00	46.57 2.18 0.00	40.70 1.64 0.00	39.71 2.03 0.00	38.53 2.28 0.00	37.56 2.19 0.00	39.09 2.49 0.00	39.88 2.57 0.00	50.25 3.64 0.00	62.52 4.58 0.00	81.09 6.83 0.00	76.62 6.52 0.00	70.91 5.97 0.00	58.95 4.16 0.00	51.92 4.33 0.00	46.41 3.75 0.00	44.19 3.24 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	35.42 -3.37 0.00	33.67 -2.07 0.00	33.05 -1.85 0.00	32.97 -1.13 0.00	33.68 -1.29 0.00	36.47 -1.68 0.00	43.37 -1.57 0.00	43.90 -2.07 0.00	42.39 -2.00 0.00	37.88 -1.17 0.00	36.84 -0.83 0.00	35.85 -0.40 0.00	35.05 -0.32 0.00	36.24 -0.37 0.00	36.56 -0.75 0.00	45.45 -1.17 0.00	55.45 -2.49 0.00	72.32 -1.93 0.00	68.00 -2.10 0.00	62.01 -2.92 0.00	52.32 -2.47 0.00	45.59 -2.00 0.00	40.86 -1.79 0.00	39.32 -1.64 0.00

MORRIS_RIDGE___SOLAR 323848	36.15 -2.64 0.00	33.89 -1.86 0.00	33.26 -1.64 0.00	32.80 -1.30 0.00	33.71 -1.26 0.00	36.78 -1.37 0.00	42.78 -2.16 0.00	43.17 -2.81 0.00	41.73 -2.66 0.00	37.07 -1.99 0.00	35.87 -1.81 0.00	34.87 -1.38 0.00	34.02 -1.34 0.00	35.10 -1.50 0.00	35.59 -1.72 0.00	44.38 -2.24 0.00	54.29 -3.65 0.00	70.99 -3.27 0.00	66.74 -3.36 0.00	61.10 -3.83 0.00	51.56 -3.23 0.00	45.07 -2.52 0.00	40.35 -2.30 0.00	38.87 -2.09 0.00
MORTIMER_115KV_TB3 55949	37.35 -1.44 0.00	34.85 -0.89 0.00	34.17 -0.73 0.00	33.62 -0.48 0.00	34.27 -0.70 0.00	37.23 -0.92 0.00	43.59 -1.35 0.00	44.04 -1.93 0.00	42.75 -1.64 0.00	37.88 -1.17 0.00	36.69 -0.98 0.00	35.48 -0.76 0.00	34.70 -0.67 0.00	35.76 -0.84 0.00	36.30 -1.01 0.00	45.17 -1.45 0.00	55.57 -2.38 0.00	72.10 -2.15 0.00	67.79 -2.31 0.00	62.34 -2.60 0.00	52.49 -2.30 0.00	45.83 -1.76 0.00	41.12 -1.54 0.00	39.52 -1.43 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.88 2.09 0.00	37.53 1.79 0.00	36.55 1.64 0.00	35.70 1.60 0.00	36.58 1.61 0.00	39.83 1.68 0.00	47.32 2.38 0.00	48.68 2.71 0.00	46.92 2.53 0.00	41.28 2.23 0.00	39.93 2.26 0.01	38.56 2.32 0.01	37.59 2.23 0.01	38.87 2.27 0.01	39.50 2.20 0.01	49.09 2.47 0.00	60.72 2.78 0.00	77.52 3.27 0.00	73.12 3.01 0.00	67.92 2.99 0.00	57.20 2.41 0.00	49.92 2.33 0.00	44.70 2.05 0.00	42.64 1.68 0.00
MUNSVILLE_WIND_PWR 323609	40.58 1.79 0.00	37.50 1.75 0.00	36.75 1.85 0.00	35.80 1.70 0.00	36.79 1.82 0.00	40.25 2.10 0.00	47.19 2.25 0.00	48.92 2.94 0.00	47.50 3.11 0.00	41.67 2.62 0.00	40.01 2.34 0.00	38.49 2.25 0.00	37.49 2.12 0.00	38.65 2.05 0.00	39.66 2.35 0.00	50.39 3.77 0.00	62.75 4.81 0.00	81.38 7.13 0.00	76.63 6.52 0.00	71.43 6.49 0.00	59.66 4.87 0.00	51.83 4.23 0.00	46.28 3.62 0.00	44.07 3.11 0.00
N SALMON___HYD 24042	38.71 -0.08 0.00	35.68 -0.07 0.00	34.90 0.00 0.00	33.89 -0.20 0.00	34.87 -0.10 0.00	38.07 -0.08 0.00	45.08 0.14 0.00	46.34 0.37 0.00	45.01 0.62 0.00	39.76 0.70 0.00	38.20 0.53 0.00	36.64 0.40 0.00	35.93 0.56 0.00	37.30 0.69 0.00	37.98 0.67 0.00	47.64 1.02 0.00	59.74 1.80 0.00	76.48 2.23 0.00	72.49 2.38 0.00	67.07 2.14 0.00	56.98 2.19 0.00	49.54 1.95 0.00	44.19 1.53 0.00	42.35 1.39 0.00
N.AKRON__115KV_KNAPP 355671	36.50 -2.29 0.00	34.35 -1.39 0.00	33.72 -1.19 0.00	33.55 -0.55 0.00	33.92 -1.05 0.00	36.70 -1.45 0.00	42.96 -1.98 0.00	43.12 -2.85 0.00	41.82 -2.57 0.00	37.18 -1.87 0.00	36.05 -1.62 0.00	34.98 -1.27 0.00	34.20 -1.17 0.00	35.29 -1.32 0.00	35.67 -1.64 0.00	44.33 -2.28 0.00	54.29 -3.65 0.00	70.84 -3.42 0.00	66.67 -3.44 0.00	60.97 -3.96 0.00	51.39 -3.40 0.00	44.93 -2.67 0.00	40.35 -2.30 0.00	38.87 -2.09 0.00
N.E_GEN_SANDY PD 24062	40.07 1.28 0.00	36.86 1.11 0.00	35.92 1.01 0.00	35.18 1.09 0.00	35.99 1.01 0.00	42.77 1.30 -3.32	54.28 1.48 -7.86	62.18 1.51 -14.69	43.70 1.24 1.93	39.76 0.70 0.00	38.20 0.53 0.00	36.50 0.26 0.00	35.65 0.28 0.00	36.86 0.26 0.00	37.79 0.48 0.00	47.60 0.98 0.00	59.16 1.22 0.00	75.44 1.18 0.00	71.51 1.40 0.00	66.30 1.37 0.00	55.94 1.15 0.00	48.16 0.57 0.00	43.21 0.55 0.00	41.90 0.94 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.57 1.78 0.00	37.25 1.50 0.00	36.30 1.40 0.00	35.42 1.33 0.00	36.34 1.36 0.00	39.56 1.41 0.00	47.01 2.07 0.00	48.27 2.30 0.00	46.52 2.13 0.00	40.97 1.91 0.00	39.59 1.92 0.00	38.20 1.96 0.00	37.24 1.87 0.00	38.51 1.90 0.00	39.17 1.87 0.00	48.72 2.10 0.00	60.37 2.43 0.00	77.15 2.90 0.00	72.77 2.66 0.00	67.53 2.60 0.00	56.87 2.08 0.00	49.59 2.00 0.00	44.36 1.71 0.00	42.31 1.35 0.00
N.QUEENS_27_KV_LOAD 356247	41.00 2.21 0.00	37.64 1.89 0.00	36.65 1.75 0.00	35.80 1.70 0.00	36.65 1.68 0.00	39.75 1.60 0.00	47.19 2.25 0.00	48.50 2.53 0.00	46.74 2.35 0.00	41.16 2.11 0.00	39.87 2.19 -0.02	38.65 2.39 -0.02	37.68 2.30 -0.02	38.93 2.31 -0.02	39.49 2.16 -0.02	48.81 2.19 0.00	60.09 2.14 0.00	76.77 2.52 0.01	72.41 2.31 0.01	67.26 2.34 0.01	56.76 1.97 0.00	49.69 2.09 0.00	44.75 2.09 0.00	42.76 1.80 0.00
N.TROY___115KV_TB1 355778	39.88 1.09 0.00	36.61 0.86 0.00	35.71 0.80 0.00	34.88 0.78 0.00	35.85 0.87 0.00	39.26 1.11 0.00	46.24 1.30 0.00	47.35 1.38 0.00	45.54 1.15 0.00	39.76 0.70 0.00	38.24 0.57 0.00	36.64 0.40 0.00	35.72 0.35 0.00	37.01 0.40 0.00	37.83 0.52 0.00	47.60 0.98 0.00	59.16 1.22 0.00	75.67 1.41 0.00	71.58 1.47 0.00	66.43 1.49 0.00	55.99 1.21 0.00	48.35 0.76 0.00	43.38 0.73 0.00	41.90 0.94 0.00
NARROWS_GT1_1 24228	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
NARROWS_GT1_2 24229	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
NARROWS_GT1_3 24230	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
NARROWS_GT1_4 24231	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
NARROWS_GT1_5 24232	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00

NARROWS_GT1_6 24233	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
NARROWS_GT1_7 24234	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
NARROWS_GT1_8 24235	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
NARROWS_GT2_1 24236	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
NARROWS_GT2_2 24237	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
NARROWS_GT2_3 24238	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
NARROWS_GT2_4 24239	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
NARROWS_GT2_5 24240	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
NARROWS_GT2_6 24241	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
NARROWS_GT2_7 24242	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
NARROWS_GT2_8 24243	41.55 2.75 -0.01	38.08 2.32 -0.01	37.15 2.24 -0.01	36.22 2.11 -0.01	37.15 2.17 -0.01	40.40 2.25 0.00	47.64 2.70 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.73 2.47 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.13 2.52 0.00	60.43 2.49 0.00	77.29 3.05 0.01	72.90 2.81 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.09 2.43 0.00	43.09 2.13 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.15 1.36 0.00	36.93 1.18 0.00	36.02 1.12 0.00	35.15 1.06 0.00	36.09 1.12 0.00	39.45 1.30 0.00	46.47 1.53 0.00	47.53 1.56 0.00	45.68 1.29 0.00	39.88 0.82 0.00	38.28 0.60 0.00	36.68 0.43 0.00	35.72 0.35 0.00	36.97 0.37 0.00	37.79 0.49 0.00	47.60 0.98 0.00	59.56 1.62 0.00	76.41 2.15 0.00	72.21 2.10 0.00	67.08 2.14 0.00	56.32 1.53 0.00	48.78 1.19 0.00	43.76 1.11 0.00	42.10 1.15 0.00
NCHELSEA_115KV_TR2 355582	40.73 1.94 0.00	37.39 1.64 0.00	36.48 1.57 0.00	35.56 1.47 0.00	36.51 1.54 0.00	39.75 1.60 0.00	47.19 2.25 0.00	48.45 2.48 0.00	46.74 2.35 0.00	41.13 2.07 0.00	39.67 2.00 0.00	38.27 2.03 0.00	37.28 1.91 0.00	38.55 1.94 0.00	39.21 1.90 0.00	48.90 2.28 0.00	60.72 2.78 0.00	77.67 3.42 0.00	73.19 3.08 0.00	67.99 3.05 0.00	57.14 2.36 0.00	49.83 2.24 0.00	44.53 1.88 0.00	42.51 1.56 0.00
NEG CAPITAL___MECHNVIL 23645	40.42 1.63 0.00	37.21 1.47 0.00	36.23 1.33 0.00	35.49 1.40 0.00	36.30 1.33 0.00	39.75 1.60 0.00	46.69 1.75 0.00	47.81 1.84 0.00	45.90 1.51 0.00	40.11 1.05 0.00	38.58 0.90 0.00	36.90 0.65 0.00	35.90 0.53 0.00	37.27 0.66 0.00	38.05 0.75 0.00	47.97 1.35 0.00	59.85 1.91 0.00	76.56 2.30 0.00	72.41 2.31 0.00	67.27 2.33 0.00	56.59 1.81 0.00	48.97 1.38 0.00	43.93 1.28 0.00	42.27 1.31 0.00
NEG CENTRAL_HIGH_ACRES 23767	36.89 -1.90 0.00	34.14 -1.61 0.00	33.40 -1.50 0.00	32.76 -1.33 0.00	33.61 -1.36 0.00	36.66 -1.49 0.00	42.83 -2.11 0.00	43.35 -2.62 0.00	42.22 -2.17 0.00	37.38 -1.68 0.00	36.20 -1.47 0.00	34.94 -1.30 0.00	34.17 -1.20 0.00	35.18 -1.43 0.00	35.78 -1.53 0.00	44.57 -2.05 0.00	54.64 -3.30 0.00	70.99 -3.27 0.00	66.81 -3.29 0.00	61.49 -3.44 0.00	51.72 -3.07 0.00	45.11 -2.48 0.00	40.48 -2.17 0.00	38.91 -2.05 0.00

NEG CENTRAL___DRP 24199	38.13 -0.66 0.00	35.39 -0.36 0.00	34.63 -0.28 0.00	33.99 -0.10 0.00	34.76 -0.21 0.00	37.88 -0.27 0.00	44.45 -0.49 0.00	45.24 -0.74 0.00	44.26 -0.13 0.00	39.06 0.00 0.00	37.75 0.08 0.00	36.43 0.18 0.00	35.55 0.18 0.00	36.64 0.04 0.00	37.31 0.00 0.00	46.62 0.00 0.00	56.78 -1.16 0.00	73.36 -0.89 0.00	69.26 -0.84 0.00	63.83 -1.10 0.00	53.75 -1.04 0.00	46.93 -0.67 0.00	42.02 -0.64 0.00	40.30 -0.66 0.00
NEG CENTRAL___INDECK 23768	38.09 -0.70 0.00	35.46 -0.29 0.00	34.80 -0.10 0.00	34.20 0.10 0.00	35.15 0.18 0.00	38.42 0.27 0.00	44.76 -0.18 0.00	45.15 -0.83 0.00	43.77 -0.62 0.00	38.59 -0.47 0.00	37.22 -0.45 0.00	35.95 -0.29 0.00	35.16 -0.21 0.00	36.17 -0.44 0.00	36.79 -0.52 0.00	46.01 -0.61 0.00	56.55 -1.39 0.00	74.48 0.22 0.00	70.25 0.14 0.00	64.41 -0.52 0.00	54.19 -0.60 0.00	47.35 -0.24 0.00	42.36 -0.30 0.00	40.63 -0.33 0.00
NEG CENTRAL___SENECA 23627	37.90 -0.89 0.00	35.28 -0.46 0.00	34.56 -0.35 0.00	33.99 -0.10 0.00	34.73 -0.24 0.00	37.81 -0.34 0.00	44.40 -0.54 0.00	45.14 -0.83 0.00	43.95 -0.44 0.00	38.82 -0.23 0.00	37.52 -0.15 0.00	36.21 -0.04 0.00	35.37 0.00 0.00	36.46 -0.15 0.00	37.12 -0.19 0.00	46.34 -0.28 0.00	56.61 -1.33 0.00	73.22 -1.04 0.00	69.19 -0.91 0.00	63.64 -1.30 0.00	53.58 -1.21 0.00	46.88 -0.71 0.00	41.97 -0.68 0.00	40.22 -0.74 0.00
NEG CENTRAL___STATE_STREET 24147	38.48 -0.31 0.00	35.57 -0.18 0.00	34.76 -0.14 0.00	34.06 -0.03 0.00	34.87 -0.10 0.00	38.04 -0.11 0.00	44.63 -0.31 0.00	45.51 -0.46 0.00	44.70 0.31 0.00	39.37 0.31 0.00	38.05 0.38 0.00	36.68 0.43 0.00	35.79 0.42 0.00	36.86 0.26 0.00	37.61 0.30 0.00	46.99 0.37 0.00	57.30 -0.64 0.00	73.88 -0.37 0.00	69.68 -0.42 0.00	64.41 -0.52 0.00	54.24 -0.55 0.00	47.21 -0.38 0.00	42.27 -0.38 0.00	40.51 -0.45 0.00
NEG MILLWOOD___DRP 24198	40.77 1.98 0.00	37.50 1.75 0.00	36.51 1.61 0.00	35.59 1.50 0.00	36.58 1.61 0.00	39.79 1.64 0.00	47.23 2.29 0.00	48.50 2.53 0.00	46.79 2.40 0.00	41.16 2.11 0.00	39.74 2.07 0.00	38.35 2.10 0.00	37.35 1.98 0.00	38.62 2.01 0.00	39.32 2.01 0.00	49.09 2.47 0.00	60.84 2.90 0.00	77.75 3.49 0.00	73.33 3.22 0.00	68.12 3.18 0.00	57.25 2.47 0.00	49.92 2.33 0.00	44.57 1.92 0.00	42.55 1.60 0.00
NEG NORTH_FLCN_SEA 23793	38.25 -0.54 0.00	35.25 -0.50 0.00	34.49 -0.42 0.00	33.51 -0.58 0.00	34.48 -0.49 0.00	37.65 -0.50 0.00	44.54 -0.40 0.00	45.74 -0.23 0.00	44.43 0.04 0.00	39.25 0.20 0.00	37.79 0.11 0.00	36.28 0.04 0.00	35.55 0.18 0.00	36.90 0.29 0.00	37.64 0.34 0.00	47.18 0.56 0.00	59.10 1.16 0.00	75.74 1.49 0.00	71.72 1.61 0.00	66.36 1.43 0.00	56.27 1.48 0.00	48.97 1.38 0.00	43.76 1.11 0.00	41.98 1.02 0.00
NEG NORTH_KES_CHATEGAY 23792	38.13 -0.66 0.00	35.14 -0.61 0.00	34.35 -0.56 0.00	33.41 -0.68 0.00	34.34 -0.63 0.00	37.54 -0.61 0.00	44.40 -0.54 0.00	45.65 -0.32 0.00	44.26 -0.13 0.00	39.09 0.04 0.00	37.64 -0.04 0.00	36.14 -0.11 0.00	35.37 0.00 0.00	36.75 0.15 0.00	37.49 0.19 0.00	46.99 0.37 0.00	58.87 0.93 0.00	75.52 1.26 0.00	71.51 1.40 0.00	66.17 1.23 0.00	56.16 1.37 0.00	48.78 1.19 0.00	43.64 0.98 0.00	41.86 0.90 0.00
NEG NORTH___ALICE_FALLS 23915	38.40 -0.39 0.00	35.39 -0.36 0.00	34.63 -0.28 0.00	33.62 -0.48 0.00	34.59 -0.38 0.00	37.77 -0.38 0.00	44.72 -0.22 0.00	45.93 -0.05 0.00	44.61 0.22 0.00	39.41 0.35 0.00	37.90 0.23 0.00	36.35 0.11 0.00	35.62 0.25 0.00	37.01 0.40 0.00	37.72 0.41 0.00	47.32 0.70 0.00	59.33 1.39 0.00	76.04 1.78 0.00	72.07 1.96 0.00	66.69 1.75 0.00	56.60 1.81 0.00	49.21 1.62 0.00	43.94 1.28 0.00	42.19 1.23 0.00
NEG NORTH___LWR_SARANAC 23913	38.40 -0.39 0.00	35.39 -0.36 0.00	34.63 -0.28 0.00	33.62 -0.48 0.00	34.59 -0.38 0.00	37.77 -0.38 0.00	44.72 -0.22 0.00	45.93 -0.05 0.00	44.61 0.22 0.00	39.41 0.35 0.00	37.90 0.23 0.00	36.35 0.11 0.00	35.62 0.25 0.00	37.01 0.40 0.00	37.72 0.41 0.00	47.32 0.70 0.00	59.33 1.39 0.00	76.04 1.78 0.00	72.07 1.96 0.00	66.69 1.75 0.00	56.60 1.81 0.00	49.21 1.62 0.00	43.94 1.28 0.00	42.19 1.23 0.00
NEG NORTH___PLATTSBURG 23628	38.40 -0.39 0.00	35.39 -0.36 0.00	34.62 -0.28 0.00	33.62 -0.48 0.00	34.59 -0.38 0.00	37.77 -0.38 0.00	44.72 -0.22 0.00	45.93 -0.05 0.00	44.61 0.22 0.00	39.41 0.35 0.00	37.90 0.23 0.00	36.35 0.11 0.00	35.62 0.25 0.00	37.01 0.40 0.00	37.72 0.41 0.00	47.32 0.70 0.00	59.33 1.39 0.00	76.03 1.78 0.00	72.06 1.96 0.00	66.69 1.75 0.00	56.59 1.81 0.00	49.21 1.62 0.00	43.93 1.28 0.00	42.18 1.23 0.00
NEG WEST_LEA_LOCKPORT 23791	35.80 -2.99 0.00	33.82 -1.93 0.00	33.19 -1.71 0.00	33.07 -1.02 0.00	33.43 -1.54 0.00	36.09 -2.06 0.00	42.20 -2.74 0.00	42.39 -3.59 0.00	41.02 -3.37 0.00	36.52 -2.54 0.00	35.45 -2.22 0.00	34.47 -1.78 0.00	33.71 -1.66 0.00	34.81 -1.79 0.00	35.14 -2.16 0.00	43.64 -2.98 0.00	53.31 -4.64 0.00	69.43 -4.83 0.00	65.20 -4.91 0.00	59.67 -5.26 0.00	50.35 -4.44 0.00	44.02 -3.57 0.00	39.58 -3.07 0.00	38.21 -2.74 0.00
NEG WEST___LANCASTR 23811	35.53 -3.26 0.00	33.53 -2.22 0.00	32.88 -2.02 0.00	32.63 -1.47 0.00	33.22 -1.75 0.00	35.90 -2.25 0.00	42.24 -2.70 0.00	42.66 -3.31 0.00	41.19 -3.20 0.00	36.71 -2.34 0.00	35.68 -2.00 0.00	34.72 -1.52 0.00	33.92 -1.45 0.00	35.07 -1.54 0.00	35.41 -1.90 0.00	43.91 -2.70 0.00	53.60 -4.35 0.00	69.87 -4.38 0.00	65.55 -4.56 0.00	59.87 -5.06 0.00	50.57 -4.22 0.00	44.16 -3.43 0.00	39.63 -3.03 0.00	38.13 -2.83 0.00
NEG_PENN_ALLEGHNY 23528	38.79 0.00 0.00	35.82 0.07 0.00	35.01 0.11 0.00	34.26 0.17 0.00	35.15 0.18 0.00	38.38 0.23 0.00	45.08 0.14 0.00	45.97 0.00 0.00	44.52 0.13 0.00	39.25 0.20 0.00	37.94 0.27 0.00	36.61 0.36 0.00	35.72 0.35 0.00	36.86 0.26 0.00	37.53 0.23 0.00	46.85 0.23 0.00	57.77 -0.17 0.00	74.40 0.15 0.00	70.10 0.00 0.00	64.80 -0.13 0.00	54.62 -0.16 0.00	47.54 -0.05 0.00	42.57 -0.09 0.00	40.83 -0.12 0.00
NEG___GEN_MONROE 24207	37.39 -1.40 0.00	35.00 -0.75 0.00	34.31 -0.59 0.00	33.82 -0.27 0.00	34.45 -0.52 0.00	37.39 -0.76 0.00	43.68 -1.26 0.00	44.00 -1.98 0.00	42.75 -1.64 0.00	37.84 -1.21 0.00	36.66 -1.02 0.00	35.41 -0.83 0.00	34.66 -0.71 0.00	35.73 -0.88 0.00	36.23 -1.08 0.00	45.08 -1.54 0.00	55.33 -2.61 0.00	71.88 -2.38 0.00	67.72 -2.38 0.00	62.21 -2.73 0.00	52.38 -2.41 0.00	45.74 -1.86 0.00	41.08 -1.58 0.00	39.56 -1.39 0.00
NEPA___ENERGY 23901	36.04 -2.75 0.00	34.03 -1.72 0.00	33.37 -1.54 0.00	33.10 -0.99 0.00	33.71 -1.26 0.00	36.43 -1.72 0.00	42.96 -1.98 0.00	43.44 -2.53 0.00	41.90 -2.49 0.00	37.38 -1.68 0.00	36.32 -1.36 0.00	35.30 -0.94 0.00	34.52 -0.85 0.00	35.65 -0.95 0.00	36.00 -1.31 0.00	44.61 -2.00 0.00	54.52 -3.42 0.00	71.06 -3.19 0.00	66.67 -3.44 0.00	60.84 -4.09 0.00	51.45 -3.34 0.00	44.88 -2.71 0.00	40.27 -2.39 0.00	38.70 -2.25 0.00

NEVERSINK___HYD 23608	40.77 1.98 0.00	37.43 1.68 0.00	36.51 1.61 0.00	35.56 1.47 0.00	36.51 1.54 0.00	39.83 1.68 0.00	47.14 2.20 0.00	48.36 2.39 0.00	46.65 2.26 0.00	41.01 1.95 0.00	39.48 1.81 0.00	38.06 1.81 0.00	37.07 1.70 0.00	38.29 1.68 0.00	38.99 1.68 0.00	48.76 2.15 0.00	60.72 2.78 0.00	77.82 3.56 0.00	73.33 3.23 0.00	68.12 3.18 0.00	57.26 2.47 0.00	49.88 2.28 0.00	44.58 1.92 0.00	42.51 1.56 0.00
NEWKRMKL_115KV_TB1 55635	39.53 0.74 0.00	36.36 0.61 0.00	35.43 0.52 0.00	34.64 0.55 0.00	35.53 0.56 0.00	38.87 0.72 0.00	45.75 0.81 0.00	46.75 0.78 0.00	45.10 0.71 0.00	39.49 0.43 0.00	38.12 0.45 0.00	36.61 0.36 0.00	35.65 0.28 0.00	36.97 0.37 0.00	37.72 0.41 0.00	47.22 0.61 0.00	58.64 0.70 0.00	74.85 0.59 0.00	70.74 0.63 0.00	65.71 0.78 0.00	55.34 0.55 0.00	47.92 0.33 0.00	43.08 0.43 0.00	41.53 0.57 0.00
NEWTON___FALLS_HYD 23847	38.71 -0.08 0.00	35.64 -0.11 0.00	34.90 0.00 0.00	33.89 -0.20 0.00	34.80 -0.17 0.00	37.96 -0.19 0.00	44.72 -0.22 0.00	45.83 -0.14 0.00	44.35 -0.04 0.00	38.98 -0.08 0.00	37.48 -0.19 0.00	35.99 -0.25 0.00	35.19 -0.18 0.00	36.42 -0.18 0.00	37.16 -0.15 0.00	46.71 0.09 0.00	58.52 0.58 0.00	75.30 1.04 0.00	71.51 1.40 0.00	66.43 1.49 0.00	56.05 1.26 0.00	48.64 1.05 0.00	43.51 0.85 0.00	41.65 0.70 0.00
NGRID_A1_DSASP 323792	35.65 -3.14 0.00	33.78 -1.97 0.00	33.09 -1.82 0.00	32.35 -1.74 0.00	33.36 -1.61 0.00	35.86 -2.29 0.00	41.48 -3.46 0.00	41.65 -4.32 0.00	40.31 -4.08 0.00	35.93 -3.12 0.00	34.85 -2.83 0.00	33.92 -2.32 0.00	33.18 -2.19 0.00	34.30 -2.31 0.00	34.58 -2.72 0.00	42.89 -3.73 0.00	52.38 -5.56 0.00	68.02 -6.24 0.00	63.94 -6.17 0.00	58.51 -6.43 0.00	49.36 -5.42 0.00	43.21 -4.38 0.00	38.86 -3.80 0.00	37.64 -3.32 0.00
NGRID_A2_DSASP 323793	35.65 -3.14 0.00	33.78 -1.97 0.00	33.09 -1.82 0.00	32.35 -1.74 0.00	33.36 -1.61 0.00	35.86 -2.29 0.00	41.48 -3.46 0.00	41.65 -4.32 0.00	40.31 -4.08 0.00	35.93 -3.12 0.00	34.85 -2.83 0.00	33.92 -2.32 0.00	33.18 -2.19 0.00	34.30 -2.31 0.00	34.58 -2.72 0.00	42.89 -3.73 0.00	52.38 -5.56 0.00	68.02 -6.24 0.00	63.94 -6.17 0.00	58.51 -6.43 0.00	49.36 -5.42 0.00	43.21 -4.38 0.00	38.86 -3.80 0.00	37.64 -3.32 0.00
NGRID_A4_DSASP 323807	35.65 -3.14 0.00	33.78 -1.97 0.00	33.09 -1.82 0.00	32.35 -1.74 0.00	33.36 -1.61 0.00	35.86 -2.29 0.00	41.48 -3.46 0.00	41.65 -4.32 0.00	40.31 -4.08 0.00	35.93 -3.12 0.00	34.85 -2.83 0.00	33.92 -2.32 0.00	33.18 -2.19 0.00	34.30 -2.31 0.00	34.58 -2.72 0.00	42.89 -3.73 0.00	52.38 -5.56 0.00	68.02 -6.24 0.00	63.94 -6.17 0.00	58.51 -6.43 0.00	49.36 -5.42 0.00	43.21 -4.38 0.00	38.86 -3.80 0.00	37.64 -3.32 0.00
NIAGARA_115E_LBMP 323715	35.72 -3.07 0.00	33.71 -2.04 0.00	32.64 -2.27 0.00	32.15 -1.94 0.00	33.50 -1.47 0.00	36.24 -1.91 0.00	41.66 -3.28 0.00	41.70 -4.27 0.00	40.40 -4.00 0.00	35.97 -3.09 0.00	34.92 -2.75 0.00	33.96 -2.28 0.00	33.21 -2.16 0.00	34.34 -2.27 0.00	34.66 -2.65 0.00	42.98 -3.64 0.00	52.20 -5.74 0.00	68.24 -6.01 0.00	64.15 -5.96 0.00	58.70 -6.23 0.00	49.53 -5.26 0.00	43.31 -4.28 0.00	38.94 -3.71 0.00	37.72 -3.24 0.00
NIAGARA_115W_LBMP 323714	36.00 -2.79 0.00	33.21 -2.54 0.00	32.95 -1.95 0.00	32.49 -1.60 0.00	32.98 -1.99 0.00	35.78 -2.37 0.00	41.44 -3.51 0.00	41.51 -4.46 0.00	40.22 -4.17 0.00	35.81 -3.24 0.00	34.77 -2.90 0.00	33.85 -2.39 0.00	33.07 -2.30 0.00	34.19 -2.42 0.00	34.51 -2.80 0.00	42.80 -3.82 0.00	51.97 -5.97 0.00	67.87 -6.39 0.00	63.73 -6.38 0.00	58.38 -6.56 0.00	49.26 -5.53 0.00	43.07 -4.52 0.00	38.77 -3.88 0.00	37.64 -3.32 0.00
NIAGARA_230_LBMP 323716	36.19 -2.60 0.00	33.71 -2.04 0.00	33.02 -1.89 0.00	32.56 -1.53 0.00	33.47 -1.50 0.00	36.36 -1.79 0.00	42.06 -2.88 0.00	42.16 -3.82 0.00	40.84 -3.55 0.00	36.40 -2.66 0.00	35.30 -2.37 0.00	34.36 -1.89 0.00	33.57 -1.80 0.00	34.70 -1.91 0.00	35.03 -2.28 0.00	43.45 -3.17 0.00	52.78 -5.16 0.00	68.91 -5.35 0.00	64.77 -5.33 0.00	59.28 -5.65 0.00	50.02 -4.77 0.00	43.78 -3.81 0.00	39.37 -3.28 0.00	38.13 -2.83 0.00
NIAGARA___115KV_198_GIBSON 55903	35.61 -3.18 0.00	33.75 -2.00 0.00	33.05 -1.85 0.00	32.29 -1.81 0.00	33.29 -1.68 0.00	35.78 -2.37 0.00	41.39 -3.55 0.00	41.56 -4.41 0.00	40.22 -4.17 0.00	35.81 -3.24 0.00	34.77 -2.90 0.00	33.85 -2.39 0.00	33.07 -2.30 0.00	34.19 -2.42 0.00	34.47 -2.84 0.00	42.80 -3.82 0.00	52.26 -5.68 0.00	67.87 -6.39 0.00	63.73 -6.38 0.00	58.38 -6.56 0.00	49.25 -5.53 0.00	43.07 -4.52 0.00	38.77 -3.88 0.00	37.56 -3.40 0.00
NIAGARA____ 23760	36.19 -2.60 0.00	33.71 -2.04 0.00	33.02 -1.89 0.00	32.56 -1.53 0.00	33.47 -1.50 0.00	36.36 -1.79 0.00	42.06 -2.88 0.00	42.16 -3.82 0.00	40.84 -3.55 0.00	36.40 -2.66 0.00	35.30 -2.37 0.00	34.36 -1.89 0.00	33.57 -1.80 0.00	34.70 -1.91 0.00	35.03 -2.28 0.00	43.45 -3.17 0.00	52.78 -5.16 0.00	68.91 -5.35 0.00	64.77 -5.33 0.00	59.28 -5.65 0.00	50.02 -4.77 0.00	43.78 -3.81 0.00	39.37 -3.28 0.00	38.13 -2.83 0.00
NINE_MILE_1 23575	37.43 -1.36 0.00	34.57 -1.18 0.00	33.79 -1.12 0.00	33.04 -1.06 0.00	33.89 -1.08 0.00	36.89 -1.26 0.00	43.33 -1.62 0.00	44.27 -1.70 0.00	42.75 -1.64 0.00	37.65 -1.40 0.00	36.32 -1.35 0.00	35.01 -1.23 0.00	34.13 -1.24 0.00	35.29 -1.32 0.00	35.93 -1.38 0.00	44.80 -1.82 0.00	55.62 -2.32 0.00	71.43 -2.82 0.00	67.37 -2.74 0.00	62.40 -2.53 0.00	52.60 -2.19 0.00	45.73 -1.86 0.00	41.03 -1.62 0.00	39.44 -1.51 0.00
NINE_MILE_2 23744	37.43 -1.36 0.00	34.57 -1.18 0.00	33.79 -1.12 0.00	33.04 -1.06 0.00	33.89 -1.08 0.00	36.89 -1.26 0.00	43.33 -1.62 0.00	44.27 -1.70 0.00	42.75 -1.64 0.00	37.65 -1.40 0.00	36.32 -1.35 0.00	35.01 -1.23 0.00	34.13 -1.24 0.00	35.29 -1.32 0.00	35.93 -1.38 0.00	44.80 -1.82 0.00	55.62 -2.32 0.00	71.43 -2.82 0.00	67.37 -2.74 0.00	62.40 -2.53 0.00	52.60 -2.19 0.00	45.73 -1.86 0.00	41.03 -1.62 0.00	39.44 -1.51 0.00
NM_CAPITAL___DRP 24208	39.53 0.74 0.00	36.36 0.61 0.00	35.43 0.52 0.00	34.64 0.55 0.00	35.57 0.59 0.00	38.91 0.76 0.00	45.79 0.85 0.00	46.85 0.87 0.00	45.15 0.75 0.00	39.49 0.43 0.00	38.09 0.41 0.00	36.57 0.33 0.00	35.65 0.28 0.00	36.94 0.33 0.00	37.68 0.37 0.00	47.22 0.61 0.00	58.64 0.70 0.00	74.85 0.59 0.00	70.74 0.63 0.00	65.71 0.78 0.00	55.39 0.60 0.00	47.92 0.33 0.00	43.04 0.38 0.00	41.53 0.57 0.00
NM_CENTRAL___DRP 24181	38.25 -0.54 0.00	35.32 -0.43 0.00	34.52 -0.38 0.00	33.79 -0.31 0.00	34.59 -0.38 0.00	37.73 -0.42 0.00	44.18 -0.76 0.00	45.05 -0.92 0.00	43.77 -0.62 0.00	38.55 -0.51 0.00	37.22 -0.45 0.00	35.88 -0.36 0.00	35.01 -0.35 0.00	36.13 -0.48 0.00	36.82 -0.48 0.00	45.92 -0.70 0.00	56.72 -1.22 0.00	72.92 -1.34 0.00	68.70 -1.40 0.00	63.57 -1.36 0.00	53.58 -1.21 0.00	46.59 -1.00 0.00	41.80 -0.85 0.00	40.10 -0.86 0.00

NM_FRONTIER___DRP 24179	35.61 -3.18 0.00	33.75 -2.00 0.00	33.05 -1.85 0.00	32.29 -1.81 0.00	33.29 -1.68 0.00	35.78 -2.37 0.00	41.39 -3.55 0.00	41.56 -4.41 0.00	40.22 -4.17 0.00	35.81 -3.24 0.00	34.77 -2.90 0.00	33.85 -2.39 0.00	33.07 -2.30 0.00	34.19 -2.42 0.00	34.47 -2.84 0.00	42.80 -3.82 0.00	52.26 -5.68 0.00	67.87 -6.39 0.00	63.73 -6.38 0.00	58.38 -6.56 0.00	49.25 -5.53 0.00	43.07 -4.52 0.00	38.77 -3.88 0.00	37.56 -3.40 0.00
NM_ST_REGIS___HYD 24053	39.10 0.31 0.00	36.00 0.25 0.00	35.22 0.31 0.00	34.20 0.10 0.00	35.15 0.17 0.00	38.38 0.23 0.00	45.39 0.45 0.00	46.57 0.60 0.00	45.15 0.75 0.00	39.80 0.74 0.00	38.24 0.57 0.00	36.68 0.43 0.00	35.93 0.57 0.00	37.27 0.66 0.00	37.94 0.63 0.00	47.60 0.98 0.00	59.68 1.74 0.00	76.56 2.30 0.00	72.56 2.45 0.00	67.14 2.21 0.00	56.93 2.14 0.00	49.45 1.86 0.00	44.15 1.49 0.00	42.35 1.39 0.00
NORTHPORT___1 23551	41.27 2.48 0.00	37.61 1.86 0.00	36.58 1.68 0.00	35.59 1.50 0.00	36.65 1.68 0.00	39.91 1.76 0.00	47.41 2.47 0.00	48.87 2.90 0.00	47.19 2.80 0.00	41.32 2.26 0.00	40.05 2.37 0.00	38.60 2.35 0.00	37.67 2.30 0.00	39.02 2.42 0.00	39.73 2.42 0.00	49.69 3.08 0.00	61.18 3.24 0.00	78.56 4.31 0.00	74.17 4.06 0.00	68.83 3.90 0.00	57.64 2.85 0.00	50.59 3.00 0.00	45.39 2.73 0.00	43.09 2.13 0.00
NORTHPORT___2 23552	41.27 2.48 0.00	37.61 1.86 0.00	36.58 1.68 0.00	35.59 1.50 0.00	36.65 1.68 0.00	39.91 1.76 0.00	47.41 2.47 0.00	48.87 2.90 0.00	47.19 2.80 0.00	41.32 2.26 0.00	40.05 2.37 0.00	38.60 2.35 0.00	37.67 2.30 0.00	39.02 2.42 0.00	39.73 2.42 0.00	49.69 3.08 0.00	61.18 3.24 0.00	78.56 4.31 0.00	74.17 4.06 0.00	68.83 3.90 0.00	57.64 2.85 0.00	50.59 3.00 0.00	45.39 2.73 0.00	43.09 2.13 0.00
NORTHPORT___3 23553	41.16 2.37 0.00	37.53 1.79 0.00	36.51 1.61 0.00	35.53 1.43 0.00	36.55 1.58 0.00	39.79 1.64 0.00	47.28 2.34 0.00	48.73 2.76 0.00	47.10 2.71 0.00	41.20 2.15 0.00	39.93 2.26 0.00	38.49 2.25 0.00	37.56 2.19 0.00	38.91 2.31 0.00	39.62 2.31 0.00	49.51 2.89 0.00	60.95 3.01 0.00	78.26 4.01 0.00	73.82 3.71 0.00	68.57 3.63 0.00	57.36 2.58 0.00	50.40 2.81 0.00	45.26 2.60 0.00	42.96 2.01 0.00
NORTHPORT___4 23650	41.16 2.37 0.00	37.53 1.79 0.00	36.51 1.61 0.00	35.53 1.43 0.00	36.55 1.58 0.00	39.79 1.64 0.00	47.28 2.34 0.00	48.73 2.76 0.00	47.10 2.71 0.00	41.20 2.15 0.00	39.93 2.26 0.00	38.49 2.25 0.00	37.56 2.19 0.00	38.91 2.31 0.00	39.62 2.31 0.00	49.51 2.89 0.00	60.95 3.01 0.00	78.26 4.01 0.00	73.82 3.71 0.00	68.57 3.63 0.00	57.36 2.58 0.00	50.40 2.81 0.00	45.26 2.60 0.00	42.96 2.01 0.00
NORTHPORT___IC 23718	41.12 2.33 0.00	37.50 1.75 0.00	36.44 1.54 0.00	35.49 1.40 0.00	36.47 1.50 0.00	39.71 1.56 0.00	47.37 2.43 0.00	48.82 2.85 0.00	47.19 2.80 0.00	41.32 2.27 0.00	40.05 2.37 0.00	38.60 2.36 0.00	37.67 2.30 0.00	39.02 2.42 0.00	39.73 2.42 0.00	49.70 3.08 0.00	61.13 3.19 0.00	78.56 4.31 0.00	74.17 4.07 0.00	68.83 3.90 0.00	57.64 2.85 0.00	50.59 3.00 0.00	45.39 2.73 0.00	43.09 2.13 0.00
NORTH___COUNTRY_ESR 323785	38.01 -0.78 0.00	35.07 -0.68 0.00	34.28 -0.63 0.00	33.34 -0.75 0.00	34.27 -0.70 0.00	37.42 -0.73 0.00	44.27 -0.67 0.00	45.51 -0.46 0.00	44.17 -0.22 0.00	39.02 -0.04 0.00	37.60 -0.08 0.00	36.10 -0.14 0.00	35.33 -0.04 0.00	36.72 0.11 0.00	37.46 0.15 0.00	46.95 0.33 0.00	58.75 0.81 0.00	75.29 1.04 0.00	71.30 1.19 0.00	65.97 1.04 0.00	55.99 1.20 0.00	48.64 1.05 0.00	43.51 0.85 0.00	41.78 0.82 0.00
NPX_GEN_1385_PROXY 323591	32.88 2.13 8.04	37.00 1.57 0.32	36.37 1.47 0.00	34.93 1.23 0.39	35.99 1.43 0.42	39.64 1.49 0.00	47.28 2.34 0.00	50.80 2.90 -1.93	45.03 2.57 1.93	41.05 1.99 0.00	39.89 2.22 0.00	38.31 2.06 0.00	37.60 2.23 0.00	38.76 2.16 0.00	39.58 2.28 0.00	51.15 3.45 -1.08	60.95 3.01 0.00	77.76 3.64 0.13	73.75 3.64 0.00	68.50 3.57 0.00	57.36 2.58 0.00	47.32 2.62 2.89	36.80 2.34 8.20	36.00 1.76 6.72
NPX_GEN_CSC 323557	41.46 2.67 0.00	37.75 2.00 0.00	36.68 1.78 0.00	35.70 1.60 0.00	36.75 1.78 0.00	40.02 1.87 0.00	47.50 2.56 0.00	50.94 3.03 -1.93	45.43 2.97 1.93	41.36 2.30 0.00	40.12 2.45 0.00	38.74 2.50 0.00	37.77 2.41 0.00	39.20 2.60 0.00	39.88 2.57 0.00	50.07 3.45 0.00	62.00 4.05 0.00	79.97 5.72 0.00	75.50 5.40 0.00	70.06 5.13 0.00	58.46 3.67 0.00	51.40 3.81 0.00	45.90 3.24 0.00	43.58 2.62 0.00
NSINS_S_GLNS_FALLS 23858	40.11 1.32 0.00	36.93 1.18 0.00	35.95 1.05 0.00	35.22 1.13 0.00	36.06 1.08 0.00	39.56 1.41 0.00	46.47 1.53 0.00	47.63 1.65 0.00	45.68 1.29 0.00	39.88 0.82 0.00	38.35 0.68 0.00	36.61 0.36 0.00	35.47 0.11 0.00	36.90 0.29 0.00	37.61 0.30 0.00	47.50 0.89 0.00	59.39 1.45 0.00	76.11 1.86 0.00	72.00 1.89 0.00	67.01 2.08 0.00	56.32 1.53 0.00	48.78 1.19 0.00	43.85 1.19 0.00	42.10 1.15 0.00
NUCOR_STEEL___DRP 24197	38.60 -0.19 0.00	35.68 -0.07 0.00	34.87 -0.03 0.00	34.16 0.07 0.00	34.97 0.00 0.00	38.15 0.00 0.00	44.72 -0.22 0.00	45.56 -0.41 0.00	44.79 0.40 0.00	39.49 0.43 0.00	38.16 0.49 0.00	36.79 0.54 0.00	35.90 0.53 0.00	36.97 0.37 0.00	37.72 0.41 0.00	47.13 0.51 0.00	57.36 -0.58 0.00	73.88 -0.37 0.00	69.68 -0.42 0.00	64.41 -0.52 0.00	54.24 -0.55 0.00	47.21 -0.38 0.00	42.31 -0.34 0.00	40.59 -0.37 0.00
NUMBER_THREE_WT_PWR 323818	38.60 -0.19 0.00	35.50 -0.25 0.00	34.77 -0.14 0.00	33.79 -0.31 0.00	34.69 -0.28 0.00	37.81 -0.34 0.00	44.49 -0.45 0.00	45.51 -0.46 0.00	43.99 -0.40 0.00	38.59 -0.47 0.00	37.18 -0.49 0.00	35.81 -0.43 0.00	34.95 -0.42 0.00	36.13 -0.48 0.00	36.93 -0.37 0.00	46.48 -0.14 0.00	58.17 0.23 0.00	75.00 0.74 0.00	71.51 1.40 0.00	66.56 1.62 0.00	55.94 1.15 0.00	48.54 0.95 0.00	43.46 0.81 0.00	41.61 0.65 0.00
NYISO_LBMP_REFERENCE 24008	38.79 0.00 0.00	35.75 0.00 0.00	34.90 0.00 0.00	34.09 0.00 0.00	34.97 0.00 0.00	38.15 0.00 0.00	44.94 0.00 0.00	45.97 0.00 0.00	44.39 0.00 0.00	39.06 0.00 0.00	37.67 0.00 0.00	36.24 0.00 0.00	35.37 0.00 0.00	36.61 0.00 0.00	37.31 0.00 0.00	46.62 0.00 0.00	57.94 0.00 0.00	74.26 0.00 0.00	70.10 0.00 0.00	64.93 0.00 0.00	54.79 0.00 0.00	47.59 0.00 0.00	42.66 0.00 0.00	40.96 0.00 0.00
NYPA_BRENTWD____GT 24164	41.66 2.87 0.00	37.93 2.18 0.00	36.89 1.99 0.00	35.90 1.81 0.00	36.96 1.99 0.00	40.25 2.10 0.00	47.82 2.88 0.00	49.28 3.31 0.00	47.59 3.20 0.00	41.59 2.54 0.00	40.31 2.64 0.00	38.82 2.57 0.00	37.84 2.47 0.00	39.24 2.64 0.00	39.96 2.65 0.00	50.07 3.45 0.00	61.88 3.94 0.00	79.61 5.35 0.00	75.08 4.98 0.00	69.74 4.81 0.00	58.30 3.51 0.00	51.16 3.57 0.00	45.77 3.11 0.00	43.46 2.50 0.00

OAKDALE___35_KV_LOAD 356122	38.56 -0.23 0.00	35.68 -0.07 0.00	34.87 -0.03 0.00	34.16 0.07 0.00	35.01 0.03 0.00	38.11 -0.04 0.00	44.85 -0.09 0.00	45.79 -0.18 0.00	44.35 -0.04 0.00	39.09 0.04 0.00	37.79 0.11 0.00	36.43 0.18 0.00	35.55 0.18 0.00	36.72 0.11 0.00	37.38 0.07 0.00	46.62 0.00 0.00	57.54 -0.41 0.00	74.03 -0.22 0.00	69.75 -0.35 0.00	64.48 -0.45 0.00	54.35 -0.44 0.00	47.31 -0.29 0.00	42.40 -0.26 0.00	40.67 -0.29 0.00
OCC_CHEM___DRP 24175	35.65 -3.14 0.00	33.78 -1.97 0.00	33.09 -1.82 0.00	32.35 -1.74 0.00	33.36 -1.61 0.00	35.86 -2.29 0.00	41.48 -3.46 0.00	41.65 -4.32 0.00	40.31 -4.08 0.00	35.93 -3.12 0.00	34.85 -2.83 0.00	33.92 -2.32 0.00	33.18 -2.19 0.00	34.30 -2.31 0.00	34.58 -2.72 0.00	42.89 -3.73 0.00	52.38 -5.56 0.00	68.02 -6.24 0.00	63.94 -6.17 0.00	58.51 -6.43 0.00	49.36 -5.42 0.00	43.21 -4.38 0.00	38.86 -3.80 0.00	37.64 -3.32 0.00
OH_GEN_PROXY 24063	36.23 -2.56 0.00	33.75 -2.00 0.00	33.05 -1.85 0.00	32.56 -1.53 0.00	33.50 -1.47 0.00	36.36 -1.79 0.00	42.11 -2.83 0.00	44.18 -3.72 -1.93	39.00 -3.46 1.93	36.44 -2.62 0.00	35.37 -2.30 0.00	34.40 -1.85 0.00	33.64 -1.73 0.00	34.74 -1.87 0.00	35.11 -2.20 0.00	43.50 -3.12 0.00	52.90 -5.04 0.00	69.13 -5.12 0.00	64.92 -5.19 0.00	59.41 -5.52 0.00	50.13 -4.66 0.00	43.83 -3.76 0.00	39.46 -3.20 0.00	38.17 -2.79 0.00
OLIN_CORP_DRP 24177	35.42 -3.37 0.00	33.46 -2.29 0.00	32.81 -2.09 0.00	32.83 -1.26 0.00	33.05 -1.92 0.00	35.63 -2.52 0.00	41.71 -3.24 0.00	41.83 -4.14 0.00	40.48 -3.91 0.00	36.05 -3.01 0.00	35.00 -2.67 0.00	34.07 -2.17 0.00	33.28 -2.09 0.00	34.41 -2.20 0.00	34.70 -2.61 0.00	43.08 -3.54 0.00	52.61 -5.33 0.00	68.39 -5.87 0.00	64.29 -5.82 0.00	58.83 -6.10 0.00	49.64 -5.15 0.00	43.40 -4.19 0.00	39.07 -3.58 0.00	37.72 -3.24 0.00
OLIN_CORP_DSASP 323712	35.65 -3.14 0.00	33.78 -1.97 0.00	33.09 -1.82 0.00	32.35 -1.74 0.00	33.36 -1.61 0.00	35.86 -2.29 0.00	41.48 -3.46 0.00	41.65 -4.32 0.00	40.31 -4.08 0.00	35.93 -3.12 0.00	34.85 -2.83 0.00	33.92 -2.32 0.00	33.18 -2.19 0.00	34.30 -2.31 0.00	34.58 -2.72 0.00	42.89 -3.73 0.00	52.38 -5.56 0.00	68.02 -6.24 0.00	63.94 -6.17 0.00	58.51 -6.43 0.00	49.36 -5.42 0.00	43.21 -4.38 0.00	38.86 -3.80 0.00	37.64 -3.32 0.00
ONEIDA_HERK_LFGE 323681	39.14 0.35 0.00	36.03 0.28 0.00	35.25 0.35 0.00	34.33 0.24 0.00	35.22 0.25 0.00	38.45 0.30 0.00	45.26 0.32 0.00	46.25 0.28 0.00	44.74 0.35 0.00	39.29 0.24 0.00	37.86 0.19 0.00	36.39 0.15 0.00	35.51 0.14 0.00	36.68 0.07 0.00	37.50 0.19 0.00	47.08 0.47 0.00	58.69 0.75 0.00	75.44 1.18 0.00	71.51 1.40 0.00	66.49 1.56 0.00	55.88 1.10 0.00	48.54 0.95 0.00	43.46 0.81 0.00	41.65 0.70 0.00
ONEIDA___115KV_TB4 55905	39.45 0.66 0.00	36.39 0.64 0.00	35.60 0.70 0.00	34.74 0.65 0.00	35.60 0.63 0.00	38.87 0.72 0.00	45.71 0.76 0.00	46.66 0.69 0.00	45.15 0.75 0.00	39.68 0.62 0.00	38.24 0.57 0.00	36.75 0.51 0.00	35.83 0.46 0.00	37.01 0.40 0.00	37.79 0.49 0.00	47.41 0.79 0.00	58.87 0.93 0.00	75.74 1.49 0.00	71.44 1.33 0.00	66.36 1.43 0.00	55.77 0.99 0.00	48.45 0.86 0.00	43.42 0.77 0.00	41.61 0.66 0.00
ONONDAGA_REF_OCCRA 23987	38.40 -0.39 0.00	35.46 -0.29 0.00	34.63 -0.28 0.00	33.89 -0.20 0.00	34.73 -0.24 0.00	37.84 -0.31 0.00	44.40 -0.54 0.00	45.28 -0.69 0.00	44.08 -0.31 0.00	38.78 -0.27 0.00	37.45 -0.23 0.00	36.10 -0.14 0.00	35.23 -0.14 0.00	36.35 -0.26 0.00	37.05 -0.26 0.00	46.25 -0.37 0.00	57.01 -0.93 0.00	73.29 -0.97 0.00	69.12 -0.98 0.00	63.96 -0.97 0.00	53.91 -0.88 0.00	46.88 -0.71 0.00	42.02 -0.64 0.00	40.30 -0.66 0.00
ONONDAGA___COGEN 23986	38.40 -0.39 0.00	35.50 -0.25 0.00	34.66 -0.24 0.00	33.96 -0.14 0.00	34.76 -0.21 0.00	37.92 -0.23 0.00	44.45 -0.49 0.00	45.33 -0.64 0.00	44.39 0.00 0.00	39.09 0.04 0.00	37.79 0.11 0.00	36.43 0.18 0.00	35.55 0.18 0.00	36.64 0.04 0.00	37.35 0.04 0.00	46.62 0.00 0.00	57.01 -0.93 0.00	73.36 -0.89 0.00	69.12 -0.98 0.00	63.96 -0.97 0.00	53.86 -0.93 0.00	46.88 -0.71 0.00	42.02 -0.64 0.00	40.34 -0.61 0.00
ONTARIO___LFGE 23819	38.05 -0.74 0.00	35.25 -0.50 0.00	34.49 -0.42 0.00	33.86 -0.24 0.00	34.76 -0.21 0.00	37.96 -0.19 0.00	44.40 -0.54 0.00	45.10 -0.87 0.00	43.95 -0.44 0.00	38.82 -0.23 0.00	37.52 -0.15 0.00	36.24 0.00 0.00	35.37 0.00 0.00	36.46 -0.15 0.00	37.12 -0.19 0.00	46.34 -0.28 0.00	56.50 -1.45 0.00	73.22 -1.04 0.00	69.19 -0.91 0.00	63.64 -1.30 0.00	53.58 -1.21 0.00	46.88 -0.71 0.00	41.97 -0.68 0.00	40.26 -0.70 0.00
ORANGEVILLE_WT_PWR 323706	35.88 -2.91 0.00	33.60 -2.14 0.00	33.05 -1.85 0.00	32.59 -1.50 0.00	33.50 -1.47 0.00	36.51 -1.64 0.00	42.43 -2.52 0.00	42.71 -3.26 0.00	41.33 -3.06 0.00	36.75 -2.30 0.00	35.64 -2.03 0.00	34.65 -1.59 0.00	33.85 -1.52 0.00	34.92 -1.68 0.00	35.37 -1.94 0.00	44.01 -2.61 0.00	53.71 -4.23 0.00	70.24 -4.01 0.00	66.04 -4.07 0.00	60.39 -4.55 0.00	51.01 -3.78 0.00	44.59 -3.00 0.00	39.97 -2.69 0.00	38.54 -2.42 0.00
ORANGEVILLE___ESR 323794	35.88 -2.91 0.00	33.60 -2.14 0.00	33.05 -1.85 0.00	32.59 -1.50 0.00	33.50 -1.47 0.00	36.51 -1.64 0.00	42.43 -2.52 0.00	42.71 -3.26 0.00	41.33 -3.06 0.00	36.75 -2.30 0.00	35.64 -2.03 0.00	34.65 -1.59 0.00	33.85 -1.52 0.00	34.92 -1.68 0.00	35.37 -1.94 0.00	44.01 -2.61 0.00	53.71 -4.23 0.00	70.24 -4.01 0.00	66.04 -4.07 0.00	60.39 -4.55 0.00	51.01 -3.78 0.00	44.59 -3.00 0.00	39.97 -2.69 0.00	38.54 -2.42 0.00
OSWEGATCHIE___HYD 24044	38.71 -0.08 0.00	35.64 -0.11 0.00	34.87 -0.03 0.00	33.86 -0.24 0.00	34.80 -0.17 0.00	37.92 -0.23 0.00	44.72 -0.22 0.00	45.83 -0.14 0.00	44.35 -0.04 0.00	38.98 -0.08 0.00	37.49 -0.19 0.00	35.99 -0.25 0.00	35.19 -0.18 0.00	36.42 -0.18 0.00	37.16 -0.15 0.00	46.71 0.09 0.00	58.52 0.58 0.00	75.29 1.04 0.00	71.51 1.40 0.00	66.43 1.49 0.00	56.05 1.26 0.00	48.64 1.05 0.00	43.51 0.85 0.00	41.70 0.74 0.00
OSWEGO___5 23606	37.70 -1.09 0.00	34.82 -0.93 0.00	34.03 -0.87 0.00	33.28 -0.82 0.00	34.13 -0.84 0.00	37.20 -0.95 0.00	43.68 -1.26 0.00	44.59 -1.38 0.00	42.97 -1.42 0.00	37.84 -1.21 0.00	36.50 -1.17 0.00	35.19 -1.05 0.00	34.31 -1.06 0.00	35.47 -1.14 0.00	36.11 -1.20 0.00	45.03 -1.59 0.00	56.03 -1.91 0.00	72.03 -2.23 0.00	67.93 -2.17 0.00	62.85 -2.08 0.00	52.98 -1.81 0.00	46.12 -1.48 0.00	41.33 -1.32 0.00	39.73 -1.23 0.00
OSWEGO___6 23613	37.70 -1.09 0.00	34.82 -0.93 0.00	34.03 -0.87 0.00	33.28 -0.82 0.00	34.13 -0.84 0.00	37.20 -0.95 0.00	43.68 -1.26 0.00	44.59 -1.38 0.00	42.97 -1.42 0.00	37.84 -1.21 0.00	36.50 -1.17 0.00	35.19 -1.05 0.00	34.31 -1.06 0.00	35.47 -1.14 0.00	36.11 -1.20 0.00	45.03 -1.59 0.00	56.03 -1.91 0.00	72.03 -2.23 0.00	67.93 -2.17 0.00	62.85 -2.08 0.00	52.98 -1.81 0.00	46.12 -1.48 0.00	41.33 -1.32 0.00	39.73 -1.23 0.00

OUTOKUMPU-AB___DRP 24206	36.04 -2.75 0.00	34.10 -1.64 0.00	33.44 -1.47 0.00	33.04 -1.06 0.00	33.71 -1.26 0.00	36.32 -1.83 0.00	42.33 -2.61 0.00	42.62 -3.36 0.00	41.19 -3.20 0.00	36.71 -2.34 0.00	35.64 -2.03 0.00	34.72 -1.52 0.00	33.92 -1.45 0.00	35.07 -1.54 0.00	35.37 -1.94 0.00	43.96 -2.66 0.00	53.65 -4.29 0.00	69.80 -4.46 0.00	65.55 -4.56 0.00	59.93 -5.00 0.00	50.57 -4.22 0.00	44.21 -3.38 0.00	39.75 -2.90 0.00	38.38 -2.58 0.00
OXBOW___BTM 323836	36.27 -2.52 0.00	33.64 -2.11 0.00	33.20 -1.71 0.00	32.76 -1.33 0.00	33.43 -1.54 0.00	36.28 -1.87 0.00	42.02 -2.92 0.00	42.11 -3.86 0.00	40.84 -3.55 0.00	36.40 -2.66 0.00	35.30 -2.37 0.00	34.40 -1.85 0.00	33.60 -1.77 0.00	34.74 -1.87 0.00	35.07 -2.24 0.00	43.50 -3.12 0.00	52.84 -5.10 0.00	69.06 -5.20 0.00	64.85 -5.26 0.00	59.35 -5.58 0.00	50.08 -4.71 0.00	43.78 -3.81 0.00	39.37 -3.28 0.00	38.17 -2.79 0.00
OXBOW___ 24026	35.88 -2.91 0.00	33.96 -1.79 0.00	33.30 -1.61 0.00	32.73 -1.36 0.00	33.57 -1.40 0.00	36.13 -2.02 0.00	41.97 -2.97 0.00	42.20 -3.77 0.00	40.84 -3.55 0.00	36.40 -2.66 0.00	35.30 -2.37 0.00	34.36 -1.88 0.00	33.60 -1.77 0.00	34.74 -1.87 0.00	35.03 -2.28 0.00	43.50 -3.12 0.00	53.13 -4.81 0.00	69.06 -5.20 0.00	64.85 -5.26 0.00	59.35 -5.58 0.00	50.08 -4.71 0.00	43.78 -3.81 0.00	39.37 -3.28 0.00	38.05 -2.91 0.00
OXY_CHEM_DSASP 323612	35.65 -3.14 0.00	33.78 -1.97 0.00	33.09 -1.82 0.00	32.35 -1.74 0.00	33.36 -1.61 0.00	35.86 -2.29 0.00	41.48 -3.46 0.00	41.65 -4.32 0.00	40.31 -4.08 0.00	35.93 -3.12 0.00	34.85 -2.83 0.00	33.92 -2.32 0.00	33.18 -2.19 0.00	34.30 -2.31 0.00	34.58 -2.72 0.00	42.89 -3.73 0.00	52.38 -5.56 0.00	68.02 -6.24 0.00	63.94 -6.17 0.00	58.51 -6.43 0.00	49.36 -5.42 0.00	43.21 -4.38 0.00	38.86 -3.80 0.00	37.64 -3.32 0.00
OZONE_PARK_ESR 323760	41.23 2.44 0.00	37.82 2.07 0.00	36.82 1.92 0.00	35.97 1.88 0.00	36.86 1.89 0.00	40.10 1.95 0.00	47.73 2.79 0.00	49.10 3.13 0.00	47.36 2.97 0.00	41.71 2.66 0.00	40.36 2.67 -0.01	38.98 2.72 -0.01	37.96 2.58 -0.01	39.29 2.67 -0.01	39.93 2.61 -0.01	49.51 2.89 0.00	61.30 3.36 0.00	78.27 4.01 0.00	73.75 3.65 0.00	68.57 3.64 0.00	57.75 2.96 0.00	50.35 2.76 0.00	45.09 2.43 0.00	42.96 2.01 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	35.65 -3.14 0.00	33.78 -1.97 0.00	33.09 -1.82 0.00	32.35 -1.74 0.00	33.36 -1.61 0.00	35.86 -2.29 0.00	41.48 -3.46 0.00	41.65 -4.32 0.00	40.31 -4.08 0.00	35.93 -3.12 0.00	34.85 -2.83 0.00	33.92 -2.32 0.00	33.18 -2.19 0.00	34.30 -2.31 0.00	34.58 -2.72 0.00	42.89 -3.73 0.00	52.38 -5.56 0.00	68.02 -6.24 0.00	63.94 -6.17 0.00	58.51 -6.43 0.00	49.36 -5.42 0.00	43.21 -4.38 0.00	38.86 -3.80 0.00	37.64 -3.32 0.00
PACKARD___115KV_DUPONT_184 80571	36.04 -2.75 0.00	33.28 -2.47 0.00	32.98 -1.92 0.00	32.53 -1.57 0.00	33.05 -1.92 0.00	35.86 -2.29 0.00	41.52 -3.42 0.00	41.60 -4.37 0.00	40.31 -4.08 0.00	35.93 -3.13 0.00	34.89 -2.79 0.00	33.92 -2.32 0.00	33.18 -2.19 0.00	34.30 -2.31 0.00	34.62 -2.69 0.00	42.89 -3.73 0.00	52.09 -5.85 0.00	68.02 -6.24 0.00	63.93 -6.17 0.00	58.50 -6.43 0.00	49.36 -5.43 0.00	43.21 -4.38 0.00	38.86 -3.80 0.00	37.72 -3.24 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	41.08 2.29 0.00	37.68 1.93 0.00	36.68 1.78 0.00	35.83 1.74 0.00	36.68 1.71 0.00	39.79 1.64 0.00	47.23 2.29 0.00	48.50 2.53 0.00	46.74 2.35 0.00	41.16 2.11 -0.02	39.84 2.15 -0.02	38.47 2.21 -0.02	37.51 2.12 -0.02	38.78 2.16 -0.02	39.41 2.09 -0.02	48.81 2.19 0.00	60.14 2.20 0.00	76.77 2.52 0.01	72.41 2.31 0.01	67.26 2.34 0.01	56.76 1.97 0.00	49.73 2.14 0.00	44.75 2.09 0.00	42.76 1.80 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	41.51 2.72 0.00	38.07 2.32 0.00	37.10 2.20 0.00	36.24 2.15 0.00	37.10 2.13 0.00	40.21 2.06 0.00	47.77 2.83 0.00	49.05 3.08 0.00	47.23 2.84 0.00	41.59 2.54 -0.02	40.25 2.56 -0.02	38.87 2.61 -0.02	37.90 2.51 -0.02	39.18 2.56 -0.02	39.82 2.50 -0.02	49.28 2.66 0.00	60.72 2.78 0.00	77.59 3.34 0.01	73.18 3.08 0.01	67.91 2.99 0.01	57.31 2.52 0.00	50.16 2.57 0.00	45.21 2.56 0.00	43.21 2.25 0.00
PATROON___115KV_TB1 80586	39.60 0.81 0.00	36.43 0.68 0.00	35.53 0.63 0.00	34.71 0.61 0.00	35.64 0.66 0.00	38.95 0.80 0.00	45.84 0.90 0.00	46.89 0.92 0.00	45.19 0.80 0.00	39.56 0.51 0.00	38.20 0.53 0.00	36.64 0.40 0.00	35.72 0.35 0.00	37.05 0.44 0.00	37.79 0.49 0.00	47.36 0.75 0.00	58.75 0.81 0.00	75.00 0.74 0.00	70.88 0.77 0.00	65.91 0.97 0.00	55.50 0.71 0.00	48.02 0.43 0.00	43.17 0.51 0.00	41.61 0.66 0.00
PATTRSNVILLE___SOLAR 323815	39.87 1.08 0.00	36.71 0.97 0.00	35.78 0.87 0.00	35.01 0.92 0.00	35.85 0.87 0.00	39.22 1.07 0.00	46.07 1.12 0.00	47.03 1.06 0.00	44.88 0.49 0.00	39.17 0.12 0.00	37.75 0.08 0.00	36.21 -0.04 0.00	35.26 -0.11 0.00	36.61 0.00 0.00	37.38 0.07 0.00	47.18 0.56 0.00	59.04 1.10 0.00	75.74 1.48 0.00	71.65 1.54 0.00	66.56 1.62 0.00	55.94 1.15 0.00	48.54 0.95 0.00	43.55 0.90 0.00	41.78 0.82 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	35.73 -3.06 0.00	33.75 -2.00 0.00	33.12 -1.78 0.00	32.87 -1.23 0.00	33.43 -1.54 0.00	36.09 -2.06 0.00	42.42 -2.52 0.00	42.85 -3.13 0.00	41.37 -3.02 0.00	36.91 -2.15 0.00	35.83 -1.85 0.00	34.87 -1.38 0.00	34.10 -1.27 0.00	35.25 -1.35 0.00	35.55 -1.75 0.00	44.15 -2.47 0.00	53.89 -4.06 0.00	70.17 -4.08 0.00	65.97 -4.14 0.00	60.19 -4.74 0.00	50.84 -3.94 0.00	44.40 -3.19 0.00	39.84 -2.82 0.00	38.34 -2.62 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.77 1.98 0.00	37.50 1.75 0.00	36.51 1.61 0.00	35.59 1.50 0.00	36.58 1.61 0.00	39.79 1.64 0.00	47.23 2.29 0.00	48.50 2.53 0.00	46.79 2.40 0.00	41.16 2.11 0.00	39.74 2.07 0.00	38.35 2.10 0.00	37.35 1.98 0.00	38.62 2.01 0.00	39.32 2.01 0.00	49.09 2.47 0.00	60.84 2.90 0.00	77.75 3.49 0.00	73.33 3.22 0.00	68.12 3.18 0.00	57.25 2.47 0.00	49.92 2.33 0.00	44.57 1.92 0.00	42.55 1.60 0.00
PEEKSKILL___ 23653	40.69 1.90 0.00	37.32 1.57 0.00	36.37 1.47 0.00	35.46 1.37 0.00	36.41 1.43 0.00	39.71 1.56 0.00	46.97 2.02 0.00	48.22 2.25 0.00	46.48 2.09 0.00	40.89 1.84 0.00	39.52 1.85 0.00	38.16 1.92 0.00	37.17 1.80 0.00	38.47 1.87 0.00	39.10 1.79 0.00	48.67 2.05 0.00	60.32 2.38 0.00	77.00 2.75 0.00	72.62 2.52 0.00	67.46 2.53 0.00	56.82 2.03 0.00	49.50 1.91 0.00	44.28 1.62 0.00	42.27 1.31 0.00
PGE MADISON___WINDPWR 24146	40.54 1.75 0.00	37.50 1.75 0.00	36.79 1.88 0.00	35.87 1.77 0.00	36.75 1.78 0.00	40.17 2.02 0.00	47.19 2.25 0.00	48.91 2.94 0.00	47.50 3.11 0.00	41.67 2.62 0.00	40.01 2.34 0.00	38.49 2.25 0.00	37.49 2.12 0.00	38.66 2.05 0.00	39.66 2.35 0.00	50.39 3.78 0.00	62.75 4.81 0.00	81.38 7.13 0.00	76.62 6.52 0.00	71.43 6.49 0.00	59.66 4.88 0.00	51.83 4.24 0.00	46.28 3.63 0.00	44.07 3.11 0.00

PIERCEFIELD___HYD 23852	39.22 0.43 0.00	36.10 0.36 0.00	35.36 0.45 0.00	34.33 0.24 0.00	35.25 0.28 0.00	38.45 0.31 0.00	45.48 0.54 0.00	46.66 0.69 0.00	45.19 0.80 0.00	39.80 0.74 0.00	38.24 0.57 0.00	36.68 0.43 0.00	35.90 0.53 0.00	37.27 0.66 0.00	37.94 0.63 0.00	47.60 0.98 0.00	59.62 1.68 0.00	76.48 2.23 0.00	72.49 2.38 0.00	67.14 2.21 0.00	56.82 2.03 0.00	49.35 1.76 0.00	44.11 1.45 0.00	42.27 1.31 0.00
PINELAWN_CC_1 323563	41.43 2.64 0.00	37.75 2.00 0.00	36.72 1.81 0.00	35.73 1.64 0.00	36.75 1.78 0.00	40.02 1.87 0.00	47.59 2.65 0.00	49.01 3.03 0.00	47.37 2.97 0.00	41.44 2.38 0.00	40.12 2.45 0.00	38.67 2.43 0.00	37.70 2.33 0.00	39.06 2.45 0.00	39.81 2.50 0.00	49.79 3.17 0.00	61.59 3.65 0.00	79.16 4.90 0.00	74.73 4.63 0.00	69.35 4.42 0.00	58.02 3.23 0.00	50.92 3.33 0.00	45.56 2.90 0.00	43.25 2.29 0.00
PJM_GEN_HTTP_PROXY 323702	41.08 2.29 0.00	37.68 1.93 0.00	36.72 1.81 0.00	35.80 1.70 0.00	36.75 1.78 0.00	40.02 1.87 0.00	47.41 2.47 0.00	50.71 2.80 -1.93	45.03 2.57 1.93	41.32 2.26 0.00	39.98 2.30 -0.01	38.61 2.35 -0.01	37.64 2.27 -0.01	38.92 2.31 -0.01	39.56 2.24 -0.01	49.09 2.47 0.00	60.84 2.90 0.00	77.52 3.26 0.00	73.12 3.01 0.00	67.92 2.99 0.00	57.26 2.47 0.00	49.92 2.33 0.00	44.70 2.05 0.00	42.64 1.68 0.00
PJM_GEN_KEystone 24065	38.28 -0.51 0.00	35.39 -0.36 0.00	34.56 -0.35 0.00	33.89 -0.20 0.00	34.83 -0.14 0.00	37.96 -0.19 0.00	44.54 -0.41 0.00	47.26 -0.64 -1.93	41.79 -0.66 1.93	38.70 -0.35 0.00	37.52 -0.15 0.00	36.32 0.07 0.00	35.48 0.11 0.00	36.64 0.04 0.00	37.16 -0.15 0.00	46.11 -0.51 0.00	56.67 -1.27 0.00	73.14 -1.11 0.00	68.77 -1.33 0.00	63.38 -1.56 0.00	53.47 -1.32 0.00	46.69 -0.91 0.00	41.80 -0.85 0.00	40.10 -0.86 0.00
PJM_GEN_NEPTUNE_PROXY 323594	41.04 2.25 0.00	37.43 1.68 0.00	36.44 1.53 0.00	35.46 1.37 0.00	36.47 1.50 0.00	39.71 1.56 0.00	47.14 2.20 0.00	50.52 2.62 -1.93	44.99 2.53 1.93	41.12 2.07 0.00	39.82 2.15 0.00	38.42 2.17 0.00	37.45 2.09 0.00	38.80 2.20 0.00	39.47 2.16 0.00	49.32 2.70 0.00	60.95 3.01 0.00	78.11 3.86 0.00	73.75 3.64 0.00	68.44 3.50 0.00	57.36 2.58 0.00	50.30 2.71 0.00	45.04 2.39 0.00	42.80 1.84 0.00
PJM_GEN_VFT_PROXY 323633	40.96 2.17 0.00	37.53 1.79 0.00	36.58 1.68 0.00	35.70 1.60 0.00	36.62 1.64 0.00	39.87 1.72 0.00	47.23 2.29 0.00	50.52 2.62 -1.93	44.94 2.48 1.93	41.28 2.23 0.00	39.95 2.26 -0.01	38.58 2.32 -0.01	37.61 2.23 -0.01	38.85 2.23 -0.01	39.48 2.16 -0.01	48.99 2.38 0.00	60.67 2.72 0.00	77.23 2.97 0.00	72.84 2.73 0.00	67.72 2.79 0.00	57.09 2.30 0.00	49.78 2.19 0.00	44.58 1.92 0.00	42.47 1.52 0.00
PLATSBRG_115KV_PMLD1 355749	38.21 -0.58 0.00	35.25 -0.50 0.00	34.45 -0.45 0.00	33.48 -0.61 0.00	34.45 -0.52 0.00	37.62 -0.53 0.00	44.49 -0.45 0.00	45.74 -0.23 0.00	44.39 0.00 0.00	39.21 0.16 0.00	37.75 0.08 0.00	36.24 0.00 0.00	35.51 0.14 0.00	36.90 0.29 0.00	37.61 0.30 0.00	47.13 0.51 0.00	59.04 1.10 0.00	75.67 1.41 0.00	71.65 1.54 0.00	66.30 1.36 0.00	56.27 1.48 0.00	48.92 1.33 0.00	43.72 1.07 0.00	41.98 1.02 0.00
PLEASANTVLY___LBMP 24000	40.30 1.51 0.00	37.03 1.29 0.00	36.06 1.15 0.00	35.22 1.13 0.00	36.13 1.15 0.00	39.33 1.18 0.00	46.69 1.75 0.00	47.95 1.98 0.00	46.21 1.82 0.00	40.66 1.60 0.00	39.29 1.62 0.00	37.88 1.63 0.00	36.92 1.56 0.00	38.22 1.61 0.00	38.87 1.57 0.00	48.39 1.77 0.00	59.97 2.03 0.00	76.63 2.38 0.00	72.28 2.17 0.00	67.14 2.21 0.00	56.54 1.75 0.00	49.26 1.67 0.00	44.06 1.41 0.00	42.10 1.15 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.65 1.86 0.00	37.32 1.57 0.00	36.37 1.47 0.00	35.49 1.40 0.00	36.41 1.43 0.00	39.64 1.49 0.00	47.10 2.16 0.00	48.41 2.44 0.00	46.65 2.26 0.00	41.05 1.99 0.00	39.67 2.00 0.00	38.27 2.03 0.00	37.31 1.95 0.00	38.58 1.98 0.00	39.25 1.94 0.00	48.81 2.19 0.00	60.49 2.55 0.00	77.30 3.04 0.00	72.91 2.80 0.00	67.73 2.79 0.00	56.98 2.19 0.00	49.69 2.09 0.00	44.45 1.79 0.00	42.43 1.47 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.65 1.86 0.00	37.32 1.57 0.00	36.37 1.47 0.00	35.49 1.40 0.00	36.41 1.43 0.00	39.64 1.49 0.00	47.10 2.16 0.00	48.41 2.44 0.00	46.65 2.26 0.00	41.05 1.99 0.00	39.67 2.00 0.00	38.27 2.03 0.00	37.31 1.95 0.00	38.58 1.98 0.00	39.25 1.94 0.00	48.81 2.19 0.00	60.49 2.55 0.00	77.30 3.04 0.00	72.91 2.80 0.00	67.73 2.79 0.00	56.98 2.19 0.00	49.69 2.09 0.00	44.45 1.79 0.00	42.43 1.47 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.57 1.78 0.00	37.25 1.50 0.00	36.34 1.43 0.00	35.42 1.33 0.00	36.37 1.40 0.00	39.60 1.45 0.00	47.01 2.07 0.00	48.27 2.30 0.00	46.52 2.13 0.00	40.89 1.84 0.00	39.48 1.81 0.00	38.06 1.81 0.00	37.07 1.70 0.00	38.33 1.72 0.00	39.02 1.72 0.00	48.67 2.05 0.00	60.43 2.49 0.00	77.30 3.04 0.00	72.91 2.80 0.00	67.66 2.73 0.00	56.93 2.14 0.00	49.59 2.00 0.00	44.36 1.71 0.00	42.39 1.43 0.00
POLETTI_____ 23519	40.92 2.13 0.00	37.61 1.86 0.00	36.61 1.71 0.00	35.73 1.64 0.00	36.61 1.64 0.00	39.68 1.53 0.00	47.14 2.20 0.00	48.41 2.44 0.00	46.65 2.26 0.00	41.13 2.07 0.00	39.80 2.11 -0.02	38.58 2.32 -0.02	37.61 2.23 -0.02	38.85 2.23 -0.02	39.41 2.09 -0.02	48.72 2.10 0.00	59.97 2.03 0.00	76.62 2.38 0.01	72.27 2.17 0.01	67.13 2.21 0.01	56.65 1.86 0.00	49.59 2.00 0.00	44.66 2.00 0.00	42.68 1.72 0.00
POMONA___ESR 323819	40.73 1.94 0.00	37.36 1.61 0.00	36.44 1.53 0.00	35.53 1.43 0.00	36.44 1.47 0.00	39.75 1.60 0.00	47.01 2.07 0.00	48.32 2.34 0.00	46.52 2.13 0.00	40.97 1.91 0.00	39.59 1.92 0.00	38.20 1.96 0.00	37.24 1.87 0.00	38.51 1.90 0.00	39.17 1.86 0.00	48.72 2.10 0.00	60.43 2.49 0.00	77.15 2.89 0.00	72.77 2.66 0.00	67.53 2.60 0.00	56.87 2.08 0.00	49.59 2.00 0.00	44.36 1.71 0.00	42.31 1.35 0.00
PORT_JEFF_3 23555	41.39 2.60 0.00	37.71 1.96 0.00	36.65 1.74 0.00	35.66 1.57 0.00	36.72 1.75 0.00	39.98 1.83 0.00	47.50 2.56 0.00	48.96 2.99 0.00	47.32 2.93 0.00	41.40 2.34 0.00	40.12 2.45 0.00	38.71 2.47 0.00	37.74 2.37 0.00	39.13 2.52 0.00	39.81 2.50 0.00	49.88 3.26 0.00	61.65 3.71 0.00	79.38 5.12 0.00	74.94 4.83 0.00	69.48 4.54 0.00	58.08 3.29 0.00	51.02 3.43 0.00	45.64 2.98 0.00	43.33 2.37 0.00
PORT_JEFF_4 23616	41.39 2.60 0.00	37.71 1.96 0.00	36.65 1.74 0.00	35.66 1.57 0.00	36.72 1.75 0.00	39.98 1.83 0.00	47.50 2.56 0.00	48.96 2.99 0.00	47.32 2.93 0.00	41.40 2.34 0.00	40.12 2.45 0.00	38.71 2.47 0.00	37.74 2.37 0.00	39.13 2.52 0.00	39.81 2.50 0.00	49.88 3.26 0.00	61.65 3.71 0.00	79.38 5.12 0.00	74.94 4.83 0.00	69.48 4.54 0.00	58.08 3.29 0.00	51.02 3.43 0.00	45.64 2.98 0.00	43.33 2.37 0.00

PORT_JEFF_IC 23713	41.27 2.48 0.00	37.61 1.86 0.00	36.55 1.64 0.00	35.59 1.50 0.00	36.58 1.61 0.00	39.83 1.68 0.00	47.50 2.56 0.00	49.01 3.03 0.00	47.36 2.97 0.00	41.44 2.38 0.00	40.16 2.49 0.00	38.74 2.50 0.00	37.77 2.41 0.00	39.17 2.56 0.00	39.88 2.57 0.00	49.98 3.36 0.00	61.71 3.77 0.00	79.53 5.27 0.00	75.08 4.98 0.00	69.61 4.68 0.00	58.19 3.40 0.00	51.11 3.52 0.00	45.73 3.07 0.00	43.37 2.42 0.00
PPL PILGRIM_ST_GT1 24216	41.66 2.87 0.00	37.93 2.18 0.00	36.89 1.99 0.00	35.90 1.81 0.00	36.96 1.99 0.00	40.25 2.10 0.00	47.82 2.88 0.00	49.28 3.31 0.00	47.59 3.20 0.00	41.59 2.54 0.00	40.31 2.64 0.00	38.82 2.57 0.00	37.84 2.47 0.00	39.24 2.64 0.00	39.96 2.65 0.00	50.07 3.45 0.00	61.88 3.94 0.00	79.61 5.35 0.00	75.08 4.98 0.00	69.74 4.81 0.00	58.30 3.51 0.00	51.16 3.57 0.00	45.77 3.11 0.00	43.46 2.50 0.00
PPL PILGRIM_ST_GT2 24217	41.66 2.87 0.00	37.93 2.18 0.00	36.89 1.99 0.00	35.90 1.81 0.00	36.96 1.99 0.00	40.25 2.10 0.00	47.82 2.88 0.00	49.28 3.31 0.00	47.59 3.20 0.00	41.59 2.54 0.00	40.31 2.64 0.00	38.82 2.57 0.00	37.84 2.47 0.00	39.24 2.64 0.00	39.96 2.65 0.00	50.07 3.45 0.00	61.88 3.94 0.00	79.61 5.35 0.00	75.08 4.98 0.00	69.74 4.81 0.00	58.30 3.51 0.00	51.16 3.57 0.00	45.77 3.11 0.00	43.46 2.50 0.00
PPL_SHRM_GT3 24213	41.50 2.71 0.00	37.75 2.00 0.00	36.72 1.81 0.00	35.73 1.64 0.00	36.75 1.78 0.00	40.02 1.87 0.00	47.50 2.56 0.00	49.01 3.03 0.00	47.37 2.97 0.00	41.36 2.30 0.00	40.12 2.45 0.00	38.74 2.50 0.00	37.77 2.41 0.00	39.20 2.60 0.00	39.88 2.57 0.00	50.07 3.45 0.00	62.00 4.05 0.00	79.97 5.72 0.00	75.50 5.40 0.00	70.06 5.13 0.00	58.46 3.67 0.00	51.40 3.81 0.00	45.90 3.24 0.00	43.58 2.62 0.00
PPL_SHRM_GT4 24214	41.50 2.71 0.00	37.75 2.00 0.00	36.72 1.81 0.00	35.73 1.64 0.00	36.75 1.78 0.00	40.02 1.87 0.00	47.50 2.56 0.00	49.01 3.03 0.00	47.37 2.97 0.00	41.36 2.30 0.00	40.12 2.45 0.00	38.74 2.50 0.00	37.77 2.41 0.00	39.20 2.60 0.00	39.88 2.57 0.00	50.07 3.45 0.00	62.00 4.05 0.00	79.97 5.72 0.00	75.50 5.40 0.00	70.06 5.13 0.00	58.46 3.67 0.00	51.40 3.81 0.00	45.90 3.24 0.00	43.58 2.62 0.00
PROJECT___ORANGE 1 24174	38.25 -0.54 0.00	35.32 -0.43 0.00	34.52 -0.38 0.00	33.79 -0.31 0.00	34.62 -0.35 0.00	37.73 -0.42 0.00	44.22 -0.72 0.00	45.10 -0.87 0.00	43.81 -0.58 0.00	38.59 -0.47 0.00	37.26 -0.41 0.00	35.92 -0.33 0.00	35.01 -0.35 0.00	36.17 -0.44 0.00	36.86 -0.45 0.00	45.97 -0.65 0.00	56.72 -1.22 0.00	72.92 -1.34 0.00	68.77 -1.33 0.00	63.64 -1.30 0.00	53.58 -1.21 0.00	46.59 -1.00 0.00	41.80 -0.85 0.00	40.14 -0.82 0.00
PROJECT___ORANGE 2 24166	38.25 -0.54 0.00	35.32 -0.43 0.00	34.52 -0.38 0.00	33.79 -0.31 0.00	34.62 -0.35 0.00	37.73 -0.42 0.00	44.22 -0.72 0.00	45.10 -0.87 0.00	43.81 -0.58 0.00	38.59 -0.47 0.00	37.26 -0.41 0.00	35.92 -0.33 0.00	35.01 -0.35 0.00	36.17 -0.44 0.00	36.86 -0.45 0.00	45.97 -0.65 0.00	56.72 -1.22 0.00	72.92 -1.34 0.00	68.77 -1.33 0.00	63.64 -1.30 0.00	53.58 -1.21 0.00	46.59 -1.00 0.00	41.80 -0.85 0.00	40.14 -0.82 0.00
PUCKETT___SOLAR 323809	39.22 0.43 0.00	36.18 0.43 0.00	35.36 0.45 0.00	34.57 0.48 0.00	35.50 0.53 0.00	38.76 0.61 0.00	45.52 0.58 0.00	45.74 -0.23 0.00	44.26 -0.13 0.00	38.98 -0.08 0.00	37.64 -0.04 0.00	36.28 0.04 0.00	35.40 0.04 0.00	36.57 -0.04 0.00	37.27 -0.04 0.00	46.53 -0.09 0.00	57.48 -0.47 0.00	74.03 -0.22 0.00	69.69 -0.42 0.00	64.48 -0.45 0.00	54.35 -0.44 0.00	47.31 -0.28 0.00	42.36 -0.30 0.00	40.67 -0.28 0.00
PYRITES___HYD 24023	39.84 1.05 0.00	36.68 0.93 0.00	35.92 1.01 0.00	34.84 0.75 0.00	35.81 0.84 0.00	39.10 0.95 0.00	46.20 1.26 0.00	47.35 1.38 0.00	45.81 1.42 0.00	40.27 1.21 0.00	38.58 0.90 0.00	36.97 0.72 0.00	36.18 0.81 0.00	37.52 0.92 0.00	38.20 0.90 0.00	48.02 1.40 0.00	60.37 2.43 0.00	77.67 3.42 0.00	73.68 3.58 0.00	68.31 3.38 0.00	57.80 3.01 0.00	50.16 2.57 0.00	44.79 2.13 0.00	42.92 1.97 0.00
QUAKERRD_115KV_BK1 80622	36.66 -2.13 0.00	34.10 -1.64 0.00	33.40 -1.50 0.00	32.80 -1.30 0.00	33.50 -1.47 0.00	36.43 -1.72 0.00	42.69 -2.25 0.00	43.21 -2.76 0.00	41.99 -2.40 0.00	37.14 -1.91 0.00	35.98 -1.70 0.00	34.76 -1.49 0.00	33.95 -1.41 0.00	35.00 -1.61 0.00	35.55 -1.75 0.00	44.29 -2.33 0.00	54.52 -3.42 0.00	70.62 -3.64 0.00	66.46 -3.65 0.00	61.17 -3.77 0.00	51.50 -3.29 0.00	44.93 -2.67 0.00	40.27 -2.39 0.00	38.70 -2.25 0.00
QUENSBRY_115KV_TB8 356137	40.11 1.32 0.00	36.89 1.14 0.00	35.95 1.05 0.00	35.18 1.09 0.00	36.02 1.05 0.00	39.52 1.37 0.00	46.42 1.48 0.00	47.58 1.61 0.00	45.63 1.24 0.00	39.84 0.78 0.00	38.31 0.64 0.00	36.57 0.33 0.00	35.44 0.07 0.00	36.86 0.26 0.00	37.57 0.26 0.00	47.46 0.84 0.00	59.39 1.45 0.00	76.11 1.86 0.00	72.00 1.89 0.00	67.01 2.08 0.00	56.27 1.48 0.00	48.73 1.14 0.00	43.85 1.19 0.00	42.10 1.15 0.00
RAMAPO___LBMP 323565	40.42 1.63 0.00	37.11 1.36 0.00	36.16 1.26 0.00	35.29 1.19 0.00	36.20 1.22 0.00	39.41 1.26 0.00	46.83 1.89 0.00	48.13 2.16 0.00	46.34 1.95 0.00	40.81 1.76 0.00	39.44 1.77 0.00	38.06 1.81 0.00	37.10 1.73 0.00	38.36 1.76 0.00	39.02 1.72 0.00	48.53 1.91 0.00	60.14 2.20 0.00	76.85 2.60 0.00	72.49 2.38 0.00	67.27 2.34 0.00	56.65 1.86 0.00	49.40 1.81 0.00	44.19 1.54 0.00	42.19 1.23 0.00
RANKINE____ 23646	35.92 -2.87 0.00	33.96 -1.79 0.00	33.33 -1.57 0.00	33.07 -1.02 0.00	33.64 -1.33 0.00	36.32 -1.83 0.00	42.60 -2.34 0.00	42.94 -3.03 0.00	41.51 -2.89 0.00	37.02 -2.03 0.00	35.94 -1.73 0.00	34.98 -1.27 0.00	34.17 -1.20 0.00	35.32 -1.28 0.00	35.67 -1.64 0.00	44.29 -2.33 0.00	54.06 -3.88 0.00	70.39 -3.86 0.00	66.11 -4.00 0.00	60.45 -4.48 0.00	51.01 -3.78 0.00	44.55 -3.05 0.00	40.01 -2.64 0.00	38.58 -2.38 0.00
RAVENSWOOD_GT2_1 24244	40.96 2.17 0.00	37.61 1.86 0.00	36.61 1.71 0.00	35.76 1.67 0.00	36.65 1.68 0.00	39.87 1.72 0.00	47.41 2.47 0.00	48.78 2.80 0.00	47.01 2.62 0.00	41.40 2.34 0.00	40.02 2.34 -0.02	38.65 2.39 -0.02	37.68 2.30 -0.02	38.96 2.34 -0.02	39.60 2.28 -0.02	49.14 2.52 0.00	60.78 2.84 0.00	77.60 3.34 0.00	73.12 3.01 0.00	67.99 3.05 0.00	57.25 2.47 0.00	49.97 2.38 0.00	44.79 2.13 0.00	42.72 1.76 0.00
RAVENSWOOD_GT2_2 24245	40.96 2.17 0.00	37.61 1.86 0.00	36.61 1.71 0.00	35.76 1.67 0.00	36.65 1.68 0.00	39.87 1.72 0.00	47.41 2.47 0.00	48.78 2.80 0.00	47.01 2.62 0.00	41.40 2.34 0.00	40.02 2.34 -0.02	38.65 2.39 -0.02	37.68 2.30 -0.02	38.96 2.34 -0.02	39.60 2.28 -0.02	49.14 2.52 0.00	60.78 2.84 0.00	77.60 3.34 0.00	73.12 3.01 0.00	67.99 3.05 0.00	57.25 2.47 0.00	49.97 2.38 0.00	44.79 2.13 0.00	42.72 1.76 0.00

RAVENSWOOD_GT2_3 24246	41.00 2.21 0.00	37.61 1.86 0.00	36.65 1.75 0.00	35.76 1.67 0.00	36.65 1.68 0.00	39.90 1.75 0.00	47.41 2.47 0.00	48.78 2.80 0.00	47.01 2.62 0.00	41.40 2.34 0.00	40.06 2.37 -0.02	38.69 2.43 -0.02	37.68 2.30 -0.02	39.00 2.38 -0.02	39.64 2.31 -0.02	49.18 2.56 0.00	60.78 2.84 0.00	77.60 3.34 0.00	73.19 3.08 0.00	67.99 3.05 0.00	57.31 2.52 0.00	50.02 2.43 0.00	44.79 2.13 0.00	42.72 1.76 0.00
RAVENSWOOD_GT2_4 24247	41.00 2.21 0.00	37.61 1.86 0.00	36.65 1.75 0.00	35.76 1.67 0.00	36.65 1.68 0.00	39.90 1.75 0.00	47.41 2.47 0.00	48.78 2.80 0.00	47.01 2.62 0.00	41.40 2.34 0.00	40.06 2.37 -0.02	38.69 2.43 -0.02	37.68 2.30 -0.02	39.00 2.38 -0.02	39.64 2.31 -0.02	49.18 2.56 0.00	60.78 2.84 0.00	77.60 3.34 0.00	73.19 3.08 0.00	67.99 3.05 0.00	57.31 2.52 0.00	50.02 2.43 0.00	44.79 2.13 0.00	42.72 1.76 0.00
RAVENSWOOD_GT3_1 24248	40.96 2.17 0.00	37.61 1.86 0.00	36.61 1.71 0.00	35.76 1.67 0.00	36.65 1.68 0.00	39.87 1.72 0.00	47.41 2.47 0.00	48.78 2.80 0.00	47.01 2.62 0.00	41.40 2.34 0.00	40.02 2.34 -0.02	38.65 2.39 -0.02	37.68 2.30 -0.02	38.96 2.34 -0.02	39.64 2.31 -0.02	49.14 2.52 0.00	60.78 2.84 0.00	77.60 3.34 0.00	73.12 3.01 0.00	67.99 3.05 0.00	57.25 2.47 0.00	50.02 2.43 0.00	44.79 2.13 0.00	42.72 1.76 0.00
RAVENSWOOD_GT3_2 24249	40.96 2.17 0.00	37.61 1.86 0.00	36.61 1.71 0.00	35.76 1.67 0.00	36.65 1.68 0.00	39.87 1.72 0.00	47.41 2.47 0.00	48.78 2.80 0.00	47.01 2.62 0.00	41.40 2.34 0.00	40.02 2.34 -0.02	38.65 2.39 -0.02	37.68 2.30 -0.02	38.96 2.34 -0.02	39.64 2.31 -0.02	49.14 2.52 0.00	60.78 2.84 0.00	77.60 3.34 0.00	73.12 3.01 0.00	67.99 3.05 0.00	57.25 2.47 0.00	50.02 2.43 0.00	44.79 2.13 0.00	42.72 1.76 0.00
RAVENSWOOD_GT3_3 24250	41.00 2.21 0.00	37.64 1.89 0.00	36.65 1.75 0.00	35.80 1.70 0.00	36.68 1.71 0.00	39.90 1.75 0.00	47.46 2.52 0.00	48.82 2.85 0.00	47.05 2.66 0.00	41.44 2.38 0.00	40.10 2.41 -0.02	38.72 2.46 -0.02	37.72 2.33 -0.02	39.04 2.42 -0.02	39.67 2.35 -0.02	49.23 2.61 0.00	60.84 2.90 0.00	77.67 3.42 0.00	73.26 3.15 0.00	68.05 3.12 0.00	57.31 2.52 0.00	50.07 2.47 0.00	44.83 2.18 0.00	42.76 1.80 0.00
RAVENSWOOD_GT3_4 24251	41.00 2.21 0.00	37.64 1.89 0.00	36.65 1.75 0.00	35.80 1.70 0.00	36.68 1.71 0.00	39.90 1.75 0.00	47.46 2.52 0.00	48.82 2.85 0.00	47.05 2.66 0.00	41.44 2.38 0.00	40.10 2.41 -0.02	38.72 2.46 -0.02	37.72 2.33 -0.02	39.04 2.42 -0.02	39.67 2.35 -0.02	49.23 2.61 0.00	60.84 2.90 0.00	77.67 3.42 0.00	73.26 3.15 0.00	68.05 3.12 0.00	57.31 2.52 0.00	50.07 2.47 0.00	44.83 2.18 0.00	42.76 1.80 0.00
RAVENSWOOD_GT_1 23729	41.12 2.33 0.00	37.75 2.00 0.00	36.76 1.85 0.00	35.90 1.81 0.00	36.76 1.78 0.00	39.94 1.79 0.00	47.46 2.52 0.00	48.78 2.80 0.00	47.01 2.62 0.00	41.40 2.34 0.00	40.06 2.37 -0.02	38.72 2.46 -0.02	37.75 2.37 -0.02	39.04 2.42 -0.02	39.67 2.35 -0.02	49.14 2.52 0.00	60.49 2.55 0.00	77.22 2.97 0.01	72.83 2.73 0.01	67.65 2.73 0.01	57.09 2.30 0.00	50.02 2.43 0.00	44.87 2.22 0.00	42.84 1.88 0.00
RAVENSWOOD_GT_10 24258	40.96 2.17 0.00	37.61 1.86 0.00	36.61 1.71 0.00	35.76 1.67 0.00	36.65 1.68 0.00	39.87 1.72 0.00	47.41 2.47 0.00	48.78 2.80 0.00	47.01 2.62 0.00	41.40 2.34 0.00	40.02 2.34 -0.02	38.65 2.39 -0.02	37.68 2.30 -0.02	38.96 2.34 -0.02	39.64 2.31 -0.02	49.18 2.56 0.00	60.78 2.84 0.00	77.60 3.34 0.00	73.19 3.08 0.00	67.99 3.05 0.00	57.31 2.52 0.00	50.02 2.43 0.00	44.79 2.13 0.00	42.72 1.76 0.00
RAVENSWOOD_GT_11 24259	40.96 2.17 0.00	37.61 1.86 0.00	36.61 1.71 0.00	35.76 1.67 0.00	36.65 1.68 0.00	39.87 1.72 0.00	47.41 2.47 0.00	48.78 2.80 0.00	47.01 2.62 0.00	41.40 2.34 0.00	40.02 2.34 -0.02	38.65 2.39 -0.02	37.68 2.30 -0.02	38.96 2.34 -0.02	39.64 2.31 -0.02	49.18 2.56 0.00	60.78 2.84 0.00	77.60 3.34 0.00	73.19 3.08 0.00	67.99 3.05 0.00	57.31 2.52 0.00	50.02 2.43 0.00	44.79 2.13 0.00	42.72 1.76 0.00
RAVENSWOOD_GT_4 24252	41.00 2.21 0.00	37.64 1.89 0.00	36.65 1.75 0.00	35.80 1.70 0.00	36.68 1.71 0.00	39.90 1.75 0.00	47.41 2.47 0.00	48.73 2.76 0.00	47.01 2.62 0.00	41.36 2.30 0.00	40.02 2.34 -0.02	38.65 2.39 -0.02	37.68 2.30 -0.02	38.96 2.34 -0.02	39.60 2.28 -0.02	49.14 2.52 0.00	60.66 2.72 0.00	77.46 3.19 -0.01	73.06 2.94 -0.01	67.86 2.92 -0.01	57.20 2.41 0.00	49.97 2.38 0.00	44.79 2.13 0.00	42.72 1.76 0.00
RAVENSWOOD_GT_5 24254	41.00 2.21 0.00	37.64 1.89 0.00	36.65 1.75 0.00	35.80 1.70 0.00	36.68 1.71 0.00	39.90 1.75 0.00	47.41 2.47 0.00	48.73 2.76 0.00	47.01 2.62 0.00	41.36 2.30 0.00	40.02 2.34 -0.02	38.65 2.39 -0.02	37.68 2.30 -0.02	38.96 2.34 -0.02	39.60 2.28 -0.02	49.14 2.52 0.00	60.66 2.72 0.00	77.46 3.19 -0.01	73.06 2.94 -0.01	67.86 2.92 -0.01	57.20 2.41 0.00	49.97 2.38 0.00	44.79 2.13 0.00	42.72 1.76 0.00
RAVENSWOOD_GT_6 24253	41.00 2.21 0.00	37.64 1.89 0.00	36.65 1.75 0.00	35.80 1.70 0.00	36.68 1.71 0.00	39.90 1.75 0.00	47.41 2.47 0.00	48.73 2.76 0.00	47.01 2.62 0.00	41.36 2.30 0.00	40.02 2.34 -0.02	38.65 2.39 -0.02	37.68 2.30 -0.02	38.96 2.34 -0.02	39.60 2.28 -0.02	49.14 2.52 0.00	60.66 2.72 0.00	77.46 3.19 -0.01	73.06 2.94 -0.01	67.86 2.92 -0.01	57.20 2.41 0.00	49.97 2.38 0.00	44.79 2.13 0.00	42.72 1.76 0.00
RAVENSWOOD_GT_7 24255	41.00 2.21 0.00	37.64 1.89 0.00	36.65 1.75 0.00	35.80 1.70 0.00	36.68 1.71 0.00	39.90 1.75 0.00	47.41 2.47 0.00	48.73 2.76 0.00	47.01 2.62 0.00	41.36 2.30 0.00	40.02 2.34 -0.02	38.65 2.39 -0.02	37.68 2.30 -0.02	38.96 2.34 -0.02	39.60 2.28 -0.02	49.14 2.52 0.00	60.66 2.72 0.00	77.46 3.19 -0.01	73.06 2.94 -0.01	67.86 2.92 -0.01	57.20 2.41 0.00	49.97 2.38 0.00	44.79 2.13 0.00	42.72 1.76 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.96 2.17 0.00	37.61 1.86 0.00	36.61 1.71 0.00	35.76 1.67 0.00	36.65 1.68 0.00	39.87 1.72 0.00	47.41 2.47 0.00	48.78 2.80 0.00	47.01 2.62 0.00	41.40 2.34 0.00	40.02 2.34 -0.02	38.65 2.39 -0.02	37.68 2.30 -0.02	38.96 2.34 -0.02	39.64 2.31 -0.02	49.18 2.56 0.00	60.78 2.84 0.00	77.60 3.34 0.00	73.19 3.08 0.00	67.99 3.05 0.00	57.31 2.52 0.00	50.02 2.43 0.00	44.79 2.13 0.00	42.72 1.76 0.00
RAVENSWOOD_GT_9 24257	40.96 2.17 0.00	37.61 1.86 0.00	36.61 1.71 0.00	35.76 1.67 0.00	36.65 1.68 0.00	39.87 1.72 0.00	47.41 2.47 0.00	48.78 2.80 0.00	47.01 2.62 0.00	41.40 2.34 0.00	40.02 2.34 -0.02	38.65 2.39 -0.02	37.68 2.30 -0.02	38.96 2.34 -0.02	39.64 2.31 -0.02	49.18 2.56 0.00	60.78 2.84 0.00	77.60 3.34 0.00	73.19 3.08 0.00	67.99 3.05 0.00	57.31 2.52 0.00	50.02 2.43 0.00	44.79 2.13 0.00	42.72 1.76 0.00

RAVENSWOOD___1 23533	41.27 2.48 0.00	37.82 2.07 0.00	36.89 1.99 0.00	35.97 1.87 0.00	36.89 1.92 0.00	40.13 1.98 0.00	47.46 2.52 0.00	48.78 2.80 0.00	46.96 2.57 0.00	41.40 2.34 0.00	40.03 2.34 -0.02	38.69 2.43 -0.02	37.72 2.33 -0.02	39.00 2.38 -0.02	39.64 2.31 -0.02	49.09 2.47 0.00	60.55 2.61 0.00	77.22 2.97 0.01	72.76 2.66 0.01	67.65 2.73 0.01	57.09 2.30 0.00	49.97 2.38 0.00	44.87 2.22 0.00	42.80 1.84 0.00
RAVENSWOOD___2 23534	41.24 2.45 0.00	37.82 2.07 0.00	36.86 1.95 0.00	35.93 1.84 0.00	36.89 1.92 0.00	40.13 1.98 0.00	47.46 2.52 0.00	48.78 2.80 0.00	46.96 2.57 0.00	41.36 2.30 0.00	40.03 2.34 -0.02	38.65 2.39 -0.02	37.72 2.33 -0.02	39.00 2.38 -0.02	39.64 2.31 -0.02	49.09 2.47 0.00	60.55 2.61 0.00	77.14 2.89 0.01	72.76 2.66 0.01	67.65 2.73 0.01	57.04 2.25 0.00	49.97 2.38 0.00	44.83 2.17 0.00	42.80 1.84 0.00
RAVENSWOOD___3 23535	41.16 2.37 0.00	37.71 1.96 0.00	36.75 1.85 0.00	35.87 1.77 0.00	36.79 1.82 0.00	40.06 1.91 0.00	47.46 2.52 0.00	48.78 2.80 0.00	47.01 2.62 0.00	41.40 2.34 0.00	40.03 2.34 -0.02	38.65 2.39 -0.02	37.68 2.30 -0.02	38.97 2.34 -0.02	39.60 2.28 -0.02	49.13 2.52 0.00	60.84 2.90 0.00	77.60 3.34 0.00	73.12 3.01 0.00	67.99 3.05 0.00	57.26 2.47 0.00	50.02 2.43 0.00	44.79 2.13 0.00	42.72 1.76 0.00
RAVENSWOOD___4 23820	41.23 2.45 0.00	37.82 2.07 0.00	36.86 1.95 0.00	35.93 1.84 0.00	36.86 1.89 0.00	40.09 1.94 0.00	47.41 2.47 0.00	48.73 2.76 0.00	46.96 2.57 0.00	41.36 2.30 0.00	40.03 2.34 -0.02	38.65 2.39 -0.02	37.68 2.30 -0.02	38.97 2.34 -0.02	39.60 2.28 -0.02	49.09 2.47 0.00	60.55 2.61 0.00	77.14 2.89 0.01	72.76 2.66 0.01	67.65 2.73 0.01	57.04 2.25 0.00	49.97 2.38 0.00	44.83 2.17 0.00	42.80 1.84 0.00
RCPL_TRUST___DRP 24196	41.00 2.21 0.00	37.61 1.86 0.00	36.61 1.71 0.00	35.76 1.67 0.00	36.65 1.68 0.00	39.90 1.75 0.00	47.41 2.47 0.00	48.82 2.85 0.00	47.05 2.66 0.00	41.40 2.34 0.00	40.06 2.37 -0.01	38.68 2.43 -0.01	37.71 2.33 -0.01	39.00 2.38 -0.01	39.63 2.31 -0.01	49.18 2.56 0.00	60.84 2.90 0.00	77.67 3.42 0.00	73.19 3.08 0.00	68.05 3.12 0.00	57.31 2.52 0.00	50.02 2.43 0.00	44.79 2.13 0.00	42.68 1.72 0.00
RED___ROCHESTER 323720	37.74 -1.05 0.00	34.93 -0.82 0.00	34.21 -0.70 0.00	33.58 -0.51 0.00	34.48 -0.49 0.00	37.58 -0.57 0.00	43.82 -1.12 0.00	44.23 -1.75 0.00	43.01 -1.38 0.00	38.08 -0.97 0.00	36.96 -0.72 0.00	35.70 -0.54 0.00	34.95 -0.42 0.00	35.98 -0.62 0.00	36.56 -0.75 0.00	45.50 -1.12 0.00	55.74 -2.20 0.00	72.62 -1.63 0.00	68.35 -1.75 0.00	62.79 -2.14 0.00	52.87 -1.92 0.00	46.17 -1.43 0.00	41.38 -1.28 0.00	39.81 -1.15 0.00
REGAN___SOLAR 323812	40.42 1.63 0.00	37.21 1.47 0.00	36.26 1.36 0.00	35.49 1.40 0.00	36.30 1.33 0.00	39.79 1.64 0.00	46.65 1.71 0.00	47.49 1.51 0.00	44.83 0.44 0.00	38.90 -0.16 0.00	37.45 -0.22 0.00	35.81 -0.43 0.00	34.77 -0.60 0.00	36.24 -0.37 0.00	37.16 -0.15 0.00	47.46 0.84 0.00	59.80 1.85 0.00	76.92 2.67 0.00	72.77 2.66 0.00	67.79 2.85 0.00	56.76 1.97 0.00	49.21 1.62 0.00	44.23 1.58 0.00	42.31 1.35 0.00
RENSSELAER___COGEN 23796	39.57 0.78 0.00	36.42 0.68 0.00	35.50 0.59 0.00	34.78 0.68 0.00	35.60 0.63 0.00	38.87 0.72 0.00	45.70 0.76 0.00	46.71 0.73 0.00	45.01 0.62 0.00	39.41 0.35 0.00	38.01 0.34 0.00	36.50 0.26 0.00	35.58 0.21 0.00	36.86 0.26 0.00	37.60 0.30 0.00	47.13 0.51 0.00	58.46 0.52 0.00	74.63 0.37 0.00	70.53 0.42 0.00	65.52 0.58 0.00	55.22 0.44 0.00	47.83 0.24 0.00	42.96 0.30 0.00	41.41 0.45 0.00
REPUBLIC_115KV_BARTNBRK 55605	41.66 2.87 0.00	38.43 2.68 0.00	37.38 2.48 0.00	36.68 2.59 0.00	37.45 2.48 0.00	41.16 3.01 0.00	48.22 3.28 0.00	49.51 3.54 0.00	47.23 2.84 0.00	41.16 2.11 0.00	39.52 1.85 0.00	37.51 1.27 0.00	36.29 0.92 0.00	37.85 1.24 0.00	38.54 1.23 0.00	49.04 2.42 0.00	61.71 3.77 0.00	79.38 5.12 0.00	75.29 5.19 0.00	70.19 5.26 0.00	58.68 3.89 0.00	50.83 3.24 0.00	45.64 2.99 0.00	43.70 2.74 0.00
REVERE_CPPR_DRP 24186	39.68 0.89 0.00	36.53 0.79 0.00	35.78 0.87 0.00	34.84 0.75 0.00	35.74 0.77 0.00	39.03 0.88 0.00	45.88 0.94 0.00	46.85 0.87 0.00	45.32 0.93 0.00	39.80 0.74 0.00	38.31 0.64 0.00	36.86 0.62 0.00	35.90 0.53 0.00	37.12 0.51 0.00	37.90 0.60 0.00	47.64 1.03 0.00	59.27 1.33 0.00	76.33 2.08 0.00	72.14 2.03 0.00	67.01 2.08 0.00	56.32 1.53 0.00	48.88 1.28 0.00	43.76 1.11 0.00	41.94 0.98 0.00
REYNLDPA_13_KV_LD 356490	39.10 0.31 0.00	36.00 0.25 0.00	35.22 0.31 0.00	34.26 0.17 0.00	35.18 0.21 0.00	38.38 0.23 0.00	45.34 0.40 0.00	46.48 0.51 0.00	45.01 0.62 0.00	39.68 0.62 0.00	38.20 0.53 0.00	36.68 0.44 0.00	35.90 0.53 0.00	37.23 0.62 0.00	37.90 0.60 0.00	47.41 0.79 0.00	59.21 1.27 0.00	75.74 1.48 0.00	71.65 1.54 0.00	66.23 1.30 0.00	56.16 1.37 0.00	48.78 1.19 0.00	43.64 0.98 0.00	41.86 0.90 0.00
REYNOLDS_115KV_TB3 80639	39.57 0.78 0.00	36.39 0.64 0.00	35.46 0.56 0.00	34.64 0.55 0.00	35.60 0.63 0.00	38.95 0.80 0.00	45.88 0.94 0.00	46.94 0.97 0.00	45.19 0.80 0.00	39.52 0.47 0.00	38.09 0.41 0.00	36.53 0.29 0.00	35.65 0.28 0.00	36.90 0.29 0.00	37.68 0.37 0.00	47.27 0.65 0.00	58.69 0.75 0.00	74.92 0.67 0.00	70.81 0.70 0.00	65.78 0.84 0.00	55.45 0.66 0.00	47.97 0.38 0.00	43.04 0.38 0.00	41.57 0.61 0.00
RIVERBAY____ 323610	41.51 2.72 0.00	38.07 2.32 0.00	37.10 2.20 0.00	36.24 2.15 0.00	37.10 2.13 0.00	40.21 2.06 0.00	47.77 2.83 0.00	49.05 3.08 0.00	47.23 2.84 0.00	41.59 2.54 0.00	40.25 2.56 -0.02	38.87 2.61 -0.02	37.90 2.51 -0.02	39.18 2.56 -0.02	39.82 2.50 -0.02	49.28 2.66 0.00	60.72 2.78 0.00	77.59 3.34 0.01	73.18 3.08 0.01	67.91 2.99 0.01	57.31 2.52 0.00	50.16 2.57 0.00	45.21 2.56 0.00	43.21 2.25 0.00
RIVERSDE_115KV_TB3 55908	39.53 0.74 0.00	36.36 0.61 0.00	35.43 0.52 0.00	34.64 0.55 0.00	35.57 0.59 0.00	38.91 0.76 0.00	45.79 0.85 0.00	46.85 0.87 0.00	45.15 0.75 0.00	39.49 0.43 0.00	38.09 0.41 0.00	36.57 0.33 0.00	35.65 0.28 0.00	36.94 0.33 0.00	37.68 0.37 0.00	47.22 0.61 0.00	58.64 0.70 0.00	74.85 0.59 0.00	70.74 0.63 0.00	65.71 0.78 0.00	55.39 0.60 0.00	47.92 0.33 0.00	43.04 0.38 0.00	41.53 0.57 0.00
ROARING___BROOK_WT_PWR 323790	37.66 -1.13 0.00	34.71 -1.04 0.00	33.89 -1.01 0.00	33.10 -0.99 0.00	34.03 -0.94 0.00	37.16 -0.99 0.00	43.91 -1.03 0.00	45.05 -0.92 0.00	43.73 -0.66 0.00	38.63 -0.43 0.00	37.33 -0.34 0.00	35.95 -0.29 0.00	35.12 -0.25 0.00	36.39 -0.22 0.00	37.12 -0.19 0.00	46.48 -0.14 0.00	57.94 0.00 0.00	74.33 0.07 0.00	70.25 0.14 0.00	65.06 0.13 0.00	54.95 0.16 0.00	47.78 0.19 0.00	42.78 0.13 0.00	41.08 0.12 0.00

ROCHESRG_115KV_T4 355643	37.24 -1.55 0.00	34.75 -1.00 0.00	34.03 -0.87 0.00	33.48 -0.61 0.00	34.17 -0.80 0.00	37.08 -1.07 0.00	43.41 -1.53 0.00	43.90 -2.07 0.00	42.57 -1.82 0.00	37.73 -1.33 0.00	36.54 -1.13 0.00	35.34 -0.91 0.00	34.55 -0.81 0.00	35.62 -0.99 0.00	36.15 -1.16 0.00	44.99 -1.63 0.00	55.33 -2.61 0.00	71.73 -2.52 0.00	67.51 -2.59 0.00	62.08 -2.86 0.00	52.27 -2.52 0.00	45.64 -1.95 0.00	40.95 -1.71 0.00	39.36 -1.60 0.00
ROCHESTER_9_IC 23652	37.39 -1.40 0.00	34.93 -0.82 0.00	34.21 -0.70 0.00	33.65 -0.44 0.00	34.34 -0.63 0.00	37.27 -0.88 0.00	43.64 -1.30 0.00	44.09 -1.88 0.00	42.79 -1.60 0.00	37.92 -1.13 0.00	36.77 -0.90 0.00	35.52 -0.72 0.00	34.77 -0.60 0.00	35.84 -0.77 0.00	36.38 -0.93 0.00	45.27 -1.35 0.00	55.62 -2.32 0.00	72.18 -2.08 0.00	67.93 -2.17 0.00	62.47 -2.47 0.00	52.60 -2.19 0.00	45.93 -1.67 0.00	41.16 -1.49 0.00	39.56 -1.39 0.00
ROCKVIEW_13_KV_LD 356306	40.85 2.06 0.00	37.46 1.72 0.00	36.51 1.61 0.00	35.63 1.53 0.00	36.54 1.57 0.00	39.75 1.60 0.00	47.28 2.34 0.00	48.59 2.62 0.00	46.88 2.49 0.00	41.24 2.19 0.00	39.86 2.19 0.00	38.53 2.28 0.00	37.53 2.16 0.00	38.84 2.23 0.00	39.43 2.13 0.00	49.04 2.42 0.00	60.72 2.78 0.00	77.60 3.34 0.00	73.19 3.08 0.00	67.99 3.05 0.00	57.20 2.41 0.00	49.92 2.33 0.00	44.62 1.96 0.00	42.60 1.64 0.00
ROME____115KV_TB2 80656	39.68 0.89 0.00	36.53 0.79 0.00	35.78 0.87 0.00	34.84 0.75 0.00	35.74 0.77 0.00	39.03 0.88 0.00	45.88 0.94 0.00	46.85 0.87 0.00	45.32 0.93 0.00	39.80 0.74 0.00	38.31 0.64 0.00	36.86 0.62 0.00	35.90 0.53 0.00	37.12 0.51 0.00	37.90 0.60 0.00	47.64 1.03 0.00	59.27 1.33 0.00	76.33 2.08 0.00	72.14 2.03 0.00	67.01 2.08 0.00	56.32 1.53 0.00	48.88 1.28 0.00	43.76 1.11 0.00	41.94 0.98 0.00
ROSETON___1 23587	40.46 1.67 0.00	37.14 1.39 0.00	36.20 1.29 0.00	35.32 1.23 0.00	36.23 1.26 0.00	39.52 1.37 0.00	46.74 1.80 0.00	47.99 2.02 0.00	46.25 1.86 0.00	40.66 1.60 0.00	39.29 1.62 0.00	37.88 1.63 0.00	36.92 1.55 0.00	38.22 1.61 0.00	38.87 1.57 0.00	48.39 1.77 0.00	60.02 2.08 0.00	76.63 2.38 0.00	72.28 2.18 0.00	67.14 2.21 0.00	56.54 1.75 0.00	49.26 1.66 0.00	44.06 1.41 0.00	42.10 1.15 0.00
ROSETON___2 23588	40.46 1.67 0.00	37.14 1.39 0.00	36.20 1.29 0.00	35.32 1.23 0.00	36.23 1.26 0.00	39.52 1.37 0.00	46.74 1.80 0.00	47.99 2.02 0.00	46.25 1.86 0.00	40.66 1.60 0.00	39.29 1.62 0.00	37.88 1.63 0.00	36.92 1.55 0.00	38.22 1.61 0.00	38.87 1.57 0.00	48.39 1.77 0.00	60.02 2.08 0.00	76.63 2.38 0.00	72.28 2.18 0.00	67.14 2.21 0.00	56.54 1.75 0.00	49.26 1.66 0.00	44.06 1.41 0.00	42.10 1.15 0.00
ROTRRDAM_115KV_TB3 80664	39.64 0.85 0.00	36.46 0.71 0.00	35.57 0.66 0.00	34.78 0.68 0.00	35.67 0.70 0.00	38.99 0.84 0.00	45.93 0.99 0.00	46.98 1.01 0.00	45.19 0.80 0.00	39.60 0.55 0.00	38.16 0.49 0.00	36.64 0.40 0.00	35.69 0.32 0.00	36.97 0.37 0.00	37.72 0.41 0.00	47.36 0.75 0.00	58.93 0.99 0.00	75.44 1.19 0.00	71.30 1.19 0.00	66.17 1.23 0.00	55.72 0.93 0.00	48.35 0.76 0.00	43.34 0.68 0.00	41.65 0.70 0.00
RUSSELL___1 23602	37.55 -1.24 0.00	35.03 -0.71 0.00	34.31 -0.59 0.00	33.75 -0.34 0.00	34.45 -0.52 0.00	37.42 -0.72 0.00	43.82 -1.12 0.00	44.27 -1.70 0.00	43.01 -1.38 0.00	38.08 -0.98 0.00	36.96 -0.72 0.00	35.70 -0.54 0.00	34.94 -0.42 0.00	35.98 -0.62 0.00	36.52 -0.78 0.00	45.50 -1.12 0.00	55.91 -2.03 0.00	72.62 -1.63 0.00	68.35 -1.75 0.00	62.79 -2.14 0.00	52.87 -1.92 0.00	46.16 -1.43 0.00	41.38 -1.28 0.00	39.73 -1.23 0.00
RUSSELL___2 23532	37.55 -1.24 0.00	35.03 -0.71 0.00	34.31 -0.59 0.00	33.75 -0.34 0.00	34.45 -0.52 0.00	37.42 -0.72 0.00	43.82 -1.12 0.00	44.27 -1.70 0.00	43.01 -1.38 0.00	38.08 -0.98 0.00	36.96 -0.72 0.00	35.70 -0.54 0.00	34.94 -0.42 0.00	35.98 -0.62 0.00	36.52 -0.78 0.00	45.50 -1.12 0.00	55.91 -2.03 0.00	72.62 -1.63 0.00	68.35 -1.75 0.00	62.79 -2.14 0.00	52.87 -1.92 0.00	46.16 -1.43 0.00	41.38 -1.28 0.00	39.73 -1.23 0.00
RUSSELL___3 23549	37.55 -1.24 0.00	35.03 -0.71 0.00	34.31 -0.59 0.00	33.75 -0.34 0.00	34.45 -0.52 0.00	37.42 -0.72 0.00	43.82 -1.12 0.00	44.27 -1.70 0.00	43.01 -1.38 0.00	38.08 -0.98 0.00	36.96 -0.72 0.00	35.70 -0.54 0.00	34.94 -0.42 0.00	35.98 -0.62 0.00	36.52 -0.78 0.00	45.50 -1.12 0.00	55.91 -2.03 0.00	72.62 -1.63 0.00	68.35 -1.75 0.00	62.79 -2.14 0.00	52.87 -1.92 0.00	46.16 -1.43 0.00	41.38 -1.28 0.00	39.73 -1.23 0.00
RUSSELL___4 23556	37.55 -1.24 0.00	35.03 -0.71 0.00	34.31 -0.59 0.00	33.75 -0.34 0.00	34.45 -0.52 0.00	37.42 -0.72 0.00	43.82 -1.12 0.00	44.27 -1.70 0.00	43.01 -1.38 0.00	38.08 -0.98 0.00	36.96 -0.72 0.00	35.70 -0.54 0.00	34.94 -0.42 0.00	35.98 -0.62 0.00	36.52 -0.78 0.00	45.50 -1.12 0.00	55.91 -2.03 0.00	72.62 -1.63 0.00	68.35 -1.75 0.00	62.79 -2.14 0.00	52.87 -1.92 0.00	46.16 -1.43 0.00	41.38 -1.28 0.00	39.73 -1.23 0.00
RUSSELL___STATION 23914	37.55 -1.24 0.00	35.03 -0.71 0.00	34.31 -0.59 0.00	33.75 -0.34 0.00	34.45 -0.52 0.00	37.42 -0.72 0.00	43.82 -1.12 0.00	44.27 -1.70 0.00	43.01 -1.38 0.00	38.08 -0.98 0.00	36.96 -0.72 0.00	35.70 -0.54 0.00	34.94 -0.42 0.00	35.98 -0.62 0.00	36.52 -0.78 0.00	45.50 -1.12 0.00	55.91 -2.03 0.00	72.62 -1.63 0.00	68.35 -1.75 0.00	62.79 -2.14 0.00	52.87 -1.92 0.00	46.16 -1.43 0.00	41.38 -1.28 0.00	39.73 -1.23 0.00
S SALMON___HYD 24043	38.13 -0.66 0.00	35.17 -0.57 0.00	34.38 -0.52 0.00	33.51 -0.58 0.00	34.38 -0.59 0.00	37.42 -0.73 0.00	43.86 -1.08 0.00	44.78 -1.20 0.00	43.37 -1.02 0.00	38.20 -0.86 0.00	36.84 -0.83 0.00	35.48 -0.76 0.00	34.52 -0.85 0.00	35.62 -0.99 0.00	36.34 -0.97 0.00	45.45 -1.16 0.00	56.50 -1.45 0.00	72.84 -1.41 0.00	68.84 -1.26 0.00	64.03 -0.91 0.00	53.86 -0.93 0.00	46.83 -0.76 0.00	41.97 -0.68 0.00	40.30 -0.66 0.00
S.PERRY__115KV_TB1 80734	37.82 -0.97 0.00	35.50 -0.25 0.00	34.87 -0.03 0.00	34.40 0.31 0.00	35.04 0.07 0.00	38.11 -0.04 0.00	44.76 -0.18 0.00	45.19 -0.78 0.00	43.77 -0.62 0.00	38.59 -0.47 0.00	37.22 -0.45 0.00	35.92 -0.33 0.00	35.16 -0.21 0.00	36.17 -0.44 0.00	36.75 -0.56 0.00	45.97 -0.65 0.00	56.72 -1.22 0.00	74.48 0.22 0.00	70.24 0.14 0.00	64.41 -0.52 0.00	54.19 -0.60 0.00	47.35 -0.24 0.00	42.36 -0.30 0.00	40.55 -0.41 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.96 -2.83 0.00	33.96 -1.79 0.00	33.30 -1.61 0.00	32.97 -1.13 0.00	33.57 -1.40 0.00	36.24 -1.91 0.00	42.38 -2.56 0.00	42.66 -3.31 0.00	41.28 -3.11 0.00	36.79 -2.27 0.00	35.71 -1.96 0.00	34.72 -1.52 0.00	33.95 -1.41 0.00	35.11 -1.50 0.00	35.41 -1.90 0.00	43.96 -2.66 0.00	53.71 -4.23 0.00	69.80 -4.46 0.00	65.62 -4.49 0.00	60.00 -4.93 0.00	50.62 -4.16 0.00	44.26 -3.33 0.00	39.80 -2.86 0.00	38.38 -2.58 0.00

SAWYER___23_KV_LOAD 55526	35.96 -2.83 0.00	33.96 -1.79 0.00	33.30 -1.61 0.00	32.97 -1.13 0.00	33.57 -1.40 0.00	36.24 -1.91 0.00	42.38 -2.56 0.00	42.66 -3.31 0.00	41.28 -3.11 0.00	36.79 -2.27 0.00	35.71 -1.96 0.00	34.72 -1.52 0.00	33.95 -1.41 0.00	35.11 -1.50 0.00	35.41 -1.90 0.00	43.96 -2.66 0.00	53.71 -4.23 0.00	69.80 -4.46 0.00	65.62 -4.49 0.00	60.00 -4.93 0.00	50.62 -4.16 0.00	44.26 -3.33 0.00	39.80 -2.86 0.00	38.38 -2.58 0.00
SELKIRK___I 23801	39.84 1.05 0.00	36.68 0.93 0.00	35.78 0.87 0.00	35.01 0.92 0.00	35.85 0.87 0.00	39.14 0.99 0.00	46.02 1.08 0.00	47.03 1.06 0.00	45.23 0.84 0.00	39.60 0.55 0.00	38.16 0.49 0.00	36.64 0.40 0.00	35.72 0.35 0.00	37.01 0.40 0.00	37.79 0.48 0.00	47.41 0.79 0.00	58.93 0.98 0.00	75.37 1.12 0.00	71.16 1.05 0.00	66.16 1.23 0.00	55.66 0.87 0.00	48.31 0.71 0.00	43.34 0.68 0.00	41.70 0.74 0.00
SELKIRK___II 23799	39.57 0.78 0.00	36.42 0.68 0.00	35.50 0.59 0.00	34.74 0.65 0.00	35.60 0.63 0.00	38.87 0.72 0.00	45.75 0.81 0.00	46.75 0.78 0.00	45.06 0.67 0.00	39.49 0.43 0.00	38.09 0.42 0.00	36.57 0.33 0.00	35.69 0.32 0.00	36.93 0.33 0.00	37.68 0.37 0.00	47.18 0.56 0.00	58.58 0.64 0.00	74.78 0.52 0.00	70.66 0.56 0.00	65.65 0.72 0.00	55.34 0.55 0.00	47.93 0.34 0.00	43.04 0.38 0.00	41.41 0.45 0.00
SENECA OSWGO___HYD 24041	37.74 -1.05 0.00	34.86 -0.89 0.00	34.07 -0.84 0.00	33.31 -0.78 0.00	34.17 -0.80 0.00	37.23 -0.92 0.00	43.73 -1.21 0.00	44.64 -1.33 0.00	43.10 -1.29 0.00	37.96 -1.09 0.00	36.66 -1.02 0.00	35.30 -0.94 0.00	34.42 -0.95 0.00	35.54 -1.06 0.00	36.22 -1.08 0.00	45.17 -1.45 0.00	56.08 -1.86 0.00	72.10 -2.16 0.00	68.00 -2.10 0.00	62.99 -1.95 0.00	53.03 -1.76 0.00	46.12 -1.48 0.00	41.38 -1.28 0.00	39.73 -1.23 0.00
SENECA___115KV_TB3 355854	36.39 -2.41 0.00	34.03 -1.72 0.00	33.30 -1.61 0.00	32.87 -1.23 0.00	33.85 -1.12 0.00	36.81 -1.34 0.00	42.74 -2.20 0.00	42.89 -3.08 0.00	41.60 -2.80 0.00	37.07 -1.99 0.00	35.98 -1.69 0.00	35.01 -1.23 0.00	34.24 -1.13 0.00	35.40 -1.21 0.00	35.74 -1.57 0.00	44.38 -2.24 0.00	53.88 -4.06 0.00	70.47 -3.78 0.00	66.25 -3.86 0.00	60.52 -4.42 0.00	51.12 -3.67 0.00	44.64 -2.95 0.00	40.10 -2.56 0.00	38.74 -2.21 0.00
SENECA___ENERGY 23797	38.05 -0.74 0.00	35.17 -0.57 0.00	34.42 -0.49 0.00	33.72 -0.37 0.00	34.59 -0.38 0.00	37.77 -0.38 0.00	44.27 -0.67 0.00	45.05 -0.92 0.00	44.13 -0.26 0.00	38.94 -0.12 0.00	37.64 -0.04 0.00	36.32 0.07 0.00	35.47 0.11 0.00	36.53 -0.07 0.00	37.23 -0.07 0.00	46.48 -0.14 0.00	56.55 -1.39 0.00	73.06 -1.19 0.00	68.98 -1.12 0.00	63.64 -1.30 0.00	53.58 -1.21 0.00	46.74 -0.86 0.00	41.84 -0.81 0.00	40.18 -0.78 0.00
SHOEMAKER___GT 23640	40.38 1.59 0.00	37.11 1.36 0.00	36.16 1.25 0.00	35.29 1.19 0.00	36.19 1.22 0.00	39.48 1.33 0.00	46.65 1.71 0.00	47.86 1.89 0.00	46.12 1.73 0.00	40.54 1.48 0.00	39.14 1.47 0.00	37.73 1.49 0.00	36.78 1.42 0.00	38.03 1.43 0.00	38.73 1.42 0.00	48.29 1.68 0.00	59.97 2.03 0.00	76.70 2.45 0.00	72.35 2.24 0.00	67.14 2.21 0.00	56.54 1.75 0.00	49.21 1.62 0.00	44.06 1.41 0.00	42.10 1.15 0.00
SHOEMAKR_138KV_BK 111 55601	40.26 1.47 0.00	37.00 1.25 0.00	36.06 1.15 0.00	35.18 1.09 0.00	36.09 1.12 0.00	39.33 1.18 0.00	46.60 1.66 0.00	47.86 1.88 0.00	46.12 1.73 0.00	40.54 1.48 0.00	39.14 1.47 0.00	37.77 1.52 0.00	36.82 1.45 0.00	38.07 1.46 0.00	38.73 1.42 0.00	48.30 1.68 0.00	59.91 1.97 0.00	76.71 2.45 0.00	72.28 2.17 0.00	67.14 2.21 0.00	56.49 1.70 0.00	49.21 1.62 0.00	44.06 1.41 0.00	42.10 1.15 0.00
SHOREHAM_IC_1 23715	41.50 2.71 0.00	37.75 2.00 0.00	36.72 1.81 0.00	35.73 1.64 0.00	36.75 1.78 0.00	40.02 1.87 0.00	47.50 2.56 0.00	49.01 3.03 0.00	47.37 2.97 0.00	41.36 2.30 0.00	40.12 2.45 0.00	38.74 2.50 0.00	37.77 2.41 0.00	39.20 2.60 0.00	39.88 2.57 0.00	50.07 3.45 0.00	62.00 4.05 0.00	79.97 5.72 0.00	75.50 5.40 0.00	70.06 5.13 0.00	58.46 3.67 0.00	51.40 3.81 0.00	45.90 3.24 0.00	43.58 2.62 0.00
SHOREHAM_IC_2 23716	41.35 2.56 0.00	37.64 1.89 0.00	36.58 1.68 0.00	35.63 1.53 0.00	36.61 1.64 0.00	39.83 1.68 0.00	47.46 2.52 0.00	49.01 3.03 0.00	47.36 2.97 0.00	41.36 2.30 0.00	40.12 2.45 0.00	38.74 2.50 0.00	37.77 2.41 0.00	39.20 2.60 0.00	39.88 2.57 0.00	50.07 3.45 0.00	61.94 4.00 0.00	79.97 5.72 0.00	75.50 5.40 0.00	70.06 5.13 0.00	58.46 3.67 0.00	51.40 3.81 0.00	45.90 3.24 0.00	43.58 2.62 0.00
SISSONVILLE____ 23735	39.22 0.43 0.00	36.10 0.36 0.00	35.36 0.45 0.00	34.33 0.24 0.00	35.25 0.28 0.00	38.45 0.31 0.00	45.48 0.54 0.00	46.66 0.69 0.00	45.19 0.80 0.00	39.80 0.74 0.00	38.24 0.57 0.00	36.68 0.43 0.00	35.90 0.53 0.00	37.27 0.66 0.00	37.94 0.63 0.00	47.60 0.98 0.00	59.62 1.68 0.00	76.48 2.23 0.00	72.49 2.38 0.00	67.14 2.21 0.00	56.82 2.03 0.00	49.35 1.76 0.00	44.11 1.45 0.00	42.27 1.31 0.00
SITHE_IND_GS1 24169	37.40 -1.39 0.00	34.57 -1.18 0.00	33.75 -1.15 0.00	33.04 -1.06 0.00	33.85 -1.12 0.00	36.89 -1.26 0.00	43.33 -1.62 0.00	44.23 -1.75 0.00	42.70 -1.69 0.00	37.61 -1.44 0.00	36.32 -1.35 0.00	35.01 -1.23 0.00	34.13 -1.24 0.00	35.25 -1.35 0.00	35.93 -1.38 0.00	44.75 -1.87 0.00	55.56 -2.38 0.00	71.36 -2.90 0.00	67.30 -2.81 0.00	62.33 -2.60 0.00	52.54 -2.25 0.00	45.69 -1.91 0.00	40.99 -1.66 0.00	39.40 -1.56 0.00
SITHE_IND_GS2 24170	37.40 -1.39 0.00	34.57 -1.18 0.00	33.75 -1.15 0.00	33.04 -1.06 0.00	33.85 -1.12 0.00	36.89 -1.26 0.00	43.33 -1.62 0.00	44.23 -1.75 0.00	42.70 -1.69 0.00	37.61 -1.44 0.00	36.32 -1.35 0.00	35.01 -1.23 0.00	34.13 -1.24 0.00	35.25 -1.35 0.00	35.93 -1.38 0.00	44.75 -1.87 0.00	55.56 -2.38 0.00	71.36 -2.90 0.00	67.30 -2.81 0.00	62.33 -2.60 0.00	52.54 -2.25 0.00	45.69 -1.91 0.00	40.99 -1.66 0.00	39.40 -1.56 0.00
SITHE_IND_GS3 24171	37.40 -1.39 0.00	34.57 -1.18 0.00	33.75 -1.15 0.00	33.04 -1.06 0.00	33.85 -1.12 0.00	36.89 -1.26 0.00	43.33 -1.62 0.00	44.23 -1.75 0.00	42.70 -1.69 0.00	37.61 -1.44 0.00	36.32 -1.35 0.00	35.01 -1.23 0.00	34.13 -1.24 0.00	35.25 -1.35 0.00	35.93 -1.38 0.00	44.75 -1.87 0.00	55.56 -2.38 0.00	71.36 -2.90 0.00	67.30 -2.81 0.00	62.33 -2.60 0.00	52.54 -2.25 0.00	45.69 -1.91 0.00	40.99 -1.66 0.00	39.40 -1.56 0.00
SITHE_IND_GS4 24172	37.40 -1.39 0.00	34.57 -1.18 0.00	33.75 -1.15 0.00	33.04 -1.06 0.00	33.85 -1.12 0.00	36.89 -1.26 0.00	43.33 -1.62 0.00	44.23 -1.75 0.00	42.70 -1.69 0.00	37.61 -1.44 0.00	36.32 -1.35 0.00	35.01 -1.23 0.00	34.13 -1.24 0.00	35.25 -1.35 0.00	35.93 -1.38 0.00	44.75 -1.87 0.00	55.56 -2.38 0.00	71.36 -2.90 0.00	67.30 -2.81 0.00	62.33 -2.60 0.00	52.54 -2.25 0.00	45.69 -1.91 0.00	40.99 -1.66 0.00	39.40 -1.56 0.00

SITHE___BATAVIA 24024	37.28 -1.51 0.00	34.82 -0.93 0.00	34.00 -0.91 0.00	33.44 -0.65 0.00	34.55 -0.42 0.00	37.58 -0.57 0.00	43.50 -1.44 0.00	43.63 -2.34 0.00	42.39 -2.00 0.00	37.61 -1.44 0.00	36.43 -1.24 0.00	35.30 -0.94 0.00	34.52 -0.85 0.00	35.62 -0.99 0.00	36.04 -1.27 0.00	44.85 -1.77 0.00	54.70 -3.24 0.00	71.81 -2.45 0.00	67.58 -2.52 0.00	61.88 -3.05 0.00	52.11 -2.68 0.00	45.59 -2.00 0.00	40.87 -1.79 0.00	39.40 -1.56 0.00
SITHE___INDEPEND 23800	37.59 -1.20 0.00	34.71 -1.04 0.00	33.93 -0.98 0.00	33.17 -0.92 0.00	33.99 -0.98 0.00	37.04 -1.11 0.00	43.37 -1.57 0.00	44.22 -1.75 0.00	42.70 -1.69 0.00	37.61 -1.45 0.00	36.32 -1.36 0.00	34.98 -1.27 0.00	34.13 -1.24 0.00	35.25 -1.35 0.00	35.93 -1.38 0.00	44.75 -1.86 0.00	55.57 -2.38 0.00	71.36 -2.90 0.00	67.30 -2.80 0.00	62.34 -2.60 0.00	52.54 -2.25 0.00	45.69 -1.90 0.00	40.99 -1.66 0.00	39.40 -1.56 0.00
SITHE___MASSENA 23902	39.26 0.47 0.00	36.14 0.39 0.00	35.36 0.45 0.00	34.40 0.31 0.00	35.32 0.35 0.00	38.53 0.38 0.00	45.52 0.58 0.00	46.66 0.69 0.00	45.19 0.80 0.00	39.84 0.78 0.00	38.31 0.64 0.00	36.79 0.54 0.00	36.01 0.64 0.00	37.38 0.77 0.00	38.01 0.71 0.00	47.60 0.98 0.00	59.45 1.50 0.00	76.11 1.86 0.00	72.00 1.89 0.00	66.62 1.69 0.00	56.43 1.64 0.00	49.02 1.43 0.00	43.85 1.19 0.00	42.10 1.15 0.00
SITHE___OGDNSBRG 24021	39.84 1.05 0.00	36.68 0.93 0.00	35.92 1.01 0.00	34.84 0.75 0.00	35.81 0.84 0.00	39.07 0.92 0.00	46.20 1.26 0.00	47.35 1.38 0.00	45.77 1.38 0.00	40.23 1.17 0.00	38.54 0.87 0.00	36.93 0.69 0.00	36.15 0.78 0.00	37.52 0.92 0.00	38.20 0.90 0.00	47.97 1.35 0.00	60.26 2.32 0.00	77.52 3.27 0.00	73.47 3.37 0.00	68.12 3.18 0.00	57.64 2.85 0.00	50.07 2.47 0.00	44.70 2.05 0.00	42.84 1.88 0.00
SITHE___STERLING 23777	39.45 0.66 0.00	36.35 0.61 0.00	35.57 0.66 0.00	34.67 0.58 0.00	35.60 0.63 0.00	38.87 0.72 0.00	45.70 0.76 0.00	46.66 0.69 0.00	45.14 0.75 0.00	39.68 0.62 0.00	38.24 0.57 0.00	36.75 0.51 0.00	35.83 0.46 0.00	37.01 0.40 0.00	37.79 0.48 0.00	47.41 0.79 0.00	58.87 0.92 0.00	75.74 1.48 0.00	71.43 1.33 0.00	66.36 1.43 0.00	55.78 0.99 0.00	48.45 0.86 0.00	43.42 0.77 0.00	41.61 0.65 0.00
SLEIGHT__34_KV_TB1 80719	37.47 -1.32 0.00	34.82 -0.93 0.00	34.07 -0.84 0.00	33.45 -0.65 0.00	34.20 -0.77 0.00	37.23 -0.92 0.00	43.64 -1.30 0.00	44.27 -1.70 0.00	43.15 -1.24 0.00	38.16 -0.90 0.00	36.96 -0.72 0.00	35.63 -0.62 0.00	34.84 -0.53 0.00	35.87 -0.73 0.00	36.49 -0.82 0.00	45.50 -1.12 0.00	55.86 -2.09 0.00	72.32 -1.93 0.00	68.07 -2.03 0.00	62.73 -2.21 0.00	52.76 -2.03 0.00	46.02 -1.57 0.00	41.25 -1.41 0.00	39.56 -1.39 0.00
SMITHTWN_69_KV_BK 1 55830	41.31 2.52 0.00	37.64 1.89 0.00	36.58 1.68 0.00	35.63 1.53 0.00	36.61 1.64 0.00	39.87 1.72 0.00	47.55 2.61 0.00	49.05 3.08 0.00	47.41 3.02 0.00	41.48 2.42 0.00	40.20 2.52 0.00	38.78 2.54 0.00	37.81 2.44 0.00	39.20 2.60 0.00	39.92 2.61 0.00	50.02 3.40 0.00	61.77 3.82 0.00	79.60 5.35 0.00	75.08 4.98 0.00	69.67 4.74 0.00	58.24 3.45 0.00	51.11 3.52 0.00	45.73 3.07 0.00	43.37 2.42 0.00
SOUTH CAIRO___GT 23612	40.54 1.75 0.00	37.25 1.50 0.00	36.37 1.47 0.00	35.46 1.36 0.00	36.41 1.43 0.00	39.79 1.64 0.00	46.92 1.98 0.00	47.99 2.02 0.00	46.12 1.73 0.00	40.15 1.09 0.00	38.46 0.79 0.00	36.82 0.58 0.00	35.86 0.50 0.00	37.12 0.51 0.00	37.94 0.63 0.00	47.88 1.26 0.00	60.14 2.20 0.00	77.23 2.97 0.00	73.05 2.94 0.00	67.86 2.92 0.00	56.87 2.08 0.00	49.30 1.71 0.00	44.19 1.54 0.00	42.47 1.52 0.00
SOUTH HAMPTN___IC 23720	41.50 2.71 0.00	37.78 2.04 0.00	36.72 1.81 0.00	35.73 1.64 0.00	36.79 1.82 0.00	40.02 1.87 0.00	47.41 2.47 0.00	48.92 2.94 0.00	47.32 2.93 0.00	41.36 2.30 0.00	40.16 2.49 0.00	38.82 2.57 0.00	37.84 2.47 0.00	39.31 2.71 0.00	39.99 2.69 0.00	50.30 3.68 0.00	62.40 4.46 0.00	80.56 6.31 0.00	76.06 5.96 0.00	70.52 5.59 0.00	58.79 4.00 0.00	51.73 4.14 0.00	46.15 3.50 0.00	43.87 2.91 0.00
SOUTHDOWN_115KV_TB1 355954	36.00 -2.79 0.00	34.17 -1.57 0.00	33.54 -1.36 0.00	33.38 -0.72 0.00	34.06 -0.91 0.00	36.85 -1.30 0.00	43.68 -1.26 0.00	44.22 -1.75 0.00	42.75 -1.64 0.00	38.16 -0.90 0.00	37.11 -0.57 0.00	36.14 -0.11 0.00	35.30 -0.07 0.00	36.53 -0.07 0.00	36.82 -0.48 0.00	45.78 -0.84 0.00	55.80 -2.14 0.00	72.77 -1.49 0.00	68.42 -1.68 0.00	62.34 -2.60 0.00	52.65 -2.14 0.00	45.88 -1.71 0.00	41.12 -1.54 0.00	39.52 -1.43 0.00
SOUTHOLD_69_KV_BK 2 55809	41.23 2.44 0.00	37.50 1.75 0.00	36.41 1.50 0.00	35.46 1.36 0.00	36.47 1.50 0.00	39.68 1.53 0.00	46.96 2.02 0.00	48.55 2.57 0.00	47.01 2.62 0.00	41.09 2.03 0.00	40.01 2.34 0.00	38.78 2.54 0.00	37.81 2.44 0.00	39.31 2.71 0.00	40.07 2.76 0.00	50.49 3.87 0.00	62.75 4.81 0.00	81.31 7.05 0.00	76.83 6.73 0.00	71.10 6.17 0.00	59.17 4.38 0.00	52.07 4.47 0.00	46.49 3.84 0.00	44.23 3.28 0.00
SOUTHOLD___IC 23719	41.39 2.60 0.00	37.61 1.86 0.00	36.55 1.64 0.00	35.56 1.47 0.00	36.62 1.64 0.00	39.87 1.72 0.00	47.01 2.07 0.00	48.54 2.57 0.00	47.01 2.62 0.00	41.09 2.03 0.00	40.01 2.34 0.00	38.74 2.50 0.00	37.81 2.44 0.00	39.31 2.71 0.00	40.07 2.76 0.00	50.44 3.82 0.00	62.81 4.87 0.00	81.31 7.06 0.00	76.84 6.73 0.00	71.11 6.17 0.00	59.17 4.38 0.00	52.06 4.47 0.00	46.50 3.84 0.00	44.24 3.28 0.00
SOUTH_FORK_WT_PWR 323839	41.00 2.21 0.00	37.25 1.50 0.00	36.20 1.29 0.00	35.22 1.12 0.00	36.27 1.29 0.00	39.48 1.33 0.00	46.38 1.44 0.00	47.95 1.98 0.00	46.43 2.04 0.00	40.62 1.56 0.00	39.63 1.96 0.00	38.45 2.21 0.00	37.53 2.16 0.00	39.02 2.42 0.00	39.84 2.54 0.00	50.16 3.54 0.00	62.52 4.58 0.00	81.01 6.76 0.00	76.55 6.45 0.00	70.84 5.91 0.00	58.90 4.11 0.00	51.88 4.28 0.00	46.36 3.71 0.00	44.19 3.23 0.00
SPIERFLS_115KV_TB 1 80737	39.92 1.12 0.00	36.71 0.97 0.00	35.78 0.87 0.00	35.01 0.92 0.00	35.85 0.87 0.00	39.33 1.18 0.00	46.20 1.26 0.00	47.35 1.38 0.00	45.41 1.02 0.00	39.68 0.62 0.00	38.16 0.49 0.00	36.43 0.18 0.00	35.30 -0.07 0.00	36.72 0.11 0.00	37.42 0.11 0.00	47.22 0.61 0.00	59.04 1.10 0.00	75.67 1.41 0.00	71.51 1.40 0.00	66.56 1.62 0.00	55.99 1.21 0.00	48.50 0.90 0.00	43.59 0.94 0.00	41.90 0.94 0.00
ST LAWRENCE____ 23600	38.67 -0.12 0.00	35.64 -0.11 0.00	34.83 -0.07 0.00	33.92 -0.17 0.00	34.83 -0.14 0.00	38.00 -0.15 0.00	44.90 -0.04 0.00	46.02 0.05 0.00	44.52 0.13 0.00	39.25 0.20 0.00	37.79 0.11 0.00	36.32 0.07 0.00	35.51 0.14 0.00	36.83 0.22 0.00	37.50 0.19 0.00	46.95 0.33 0.00	58.58 0.64 0.00	75.00 0.74 0.00	70.88 0.77 0.00	65.58 0.65 0.00	55.50 0.71 0.00	48.21 0.62 0.00	43.13 0.47 0.00	41.41 0.45 0.00

STATE_CA_115KV_115_LB 55624	39.60 0.81 0.00	36.43 0.68 0.00	35.53 0.63 0.00	34.71 0.61 0.00	35.64 0.66 0.00	38.95 0.80 0.00	45.84 0.90 0.00	46.89 0.92 0.00	45.19 0.80 0.00	39.56 0.51 0.00	38.20 0.53 0.00	36.64 0.40 0.00	35.72 0.35 0.00	37.05 0.44 0.00	37.79 0.49 0.00	47.36 0.75 0.00	58.75 0.81 0.00	75.00 0.74 0.00	70.88 0.77 0.00	65.91 0.97 0.00	55.50 0.71 0.00	48.02 0.43 0.00	43.17 0.51 0.00	41.61 0.66 0.00
STATE_ST_34_KV_LOAD 55959	38.48 -0.31 0.00	35.57 -0.18 0.00	34.76 -0.14 0.00	34.06 -0.03 0.00	34.87 -0.10 0.00	38.04 -0.11 0.00	44.63 -0.31 0.00	45.51 -0.46 0.00	44.70 0.31 0.00	39.37 0.31 0.00	38.05 0.38 0.00	36.68 0.43 0.00	35.79 0.42 0.00	36.86 0.26 0.00	37.61 0.30 0.00	46.99 0.37 0.00	57.30 -0.64 0.00	73.88 -0.37 0.00	69.68 -0.42 0.00	64.41 -0.52 0.00	54.24 -0.55 0.00	47.21 -0.38 0.00	42.27 -0.38 0.00	40.51 -0.45 0.00
STATION_5_MISC_HYD 23604	37.59 -1.20 0.00	34.82 -0.93 0.00	34.10 -0.80 0.00	33.44 -0.65 0.00	34.34 -0.63 0.00	37.42 -0.73 0.00	43.64 -1.30 0.00	44.04 -1.93 0.00	42.79 -1.60 0.00	37.92 -1.13 0.00	36.77 -0.90 0.00	35.55 -0.69 0.00	34.77 -0.60 0.00	35.84 -0.77 0.00	36.38 -0.93 0.00	45.27 -1.35 0.00	55.45 -2.49 0.00	72.18 -2.08 0.00	67.93 -2.17 0.00	62.47 -2.47 0.00	52.60 -2.19 0.00	45.92 -1.67 0.00	41.16 -1.49 0.00	39.64 -1.31 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.70 -1.09 0.00	35.07 -0.68 0.00	34.31 -0.59 0.00	33.72 -0.38 0.00	34.45 -0.52 0.00	37.50 -0.65 0.00	43.95 -0.99 0.00	44.55 -1.43 0.00	43.46 -0.93 0.00	38.39 -0.66 0.00	37.18 -0.49 0.00	35.88 -0.36 0.00	35.09 -0.28 0.00	36.13 -0.48 0.00	36.75 -0.56 0.00	45.83 -0.79 0.00	56.15 -1.80 0.00	72.70 -1.56 0.00	68.49 -1.61 0.00	63.05 -1.88 0.00	53.09 -1.70 0.00	46.31 -1.28 0.00	41.50 -1.15 0.00	39.81 -1.15 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.24 -1.55 0.00	34.75 -1.00 0.00	34.03 -0.87 0.00	33.45 -0.65 0.00	34.13 -0.84 0.00	37.08 -1.07 0.00	43.41 -1.53 0.00	43.90 -2.07 0.00	42.61 -1.78 0.00	37.77 -1.29 0.00	36.58 -1.09 0.00	35.34 -0.91 0.00	34.55 -0.81 0.00	35.62 -0.99 0.00	36.19 -1.12 0.00	45.03 -1.59 0.00	55.39 -2.55 0.00	71.81 -2.45 0.00	67.58 -2.52 0.00	62.14 -2.79 0.00	52.38 -2.41 0.00	45.69 -1.90 0.00	40.99 -1.66 0.00	39.36 -1.60 0.00
STA_56___34_KV_BUS2 355983	37.24 -1.55 0.00	34.75 -1.00 0.00	34.03 -0.87 0.00	33.45 -0.65 0.00	34.13 -0.84 0.00	37.08 -1.07 0.00	43.41 -1.53 0.00	43.90 -2.07 0.00	42.61 -1.78 0.00	37.77 -1.29 0.00	36.58 -1.09 0.00	35.34 -0.91 0.00	34.55 -0.81 0.00	35.62 -0.99 0.00	36.19 -1.12 0.00	45.03 -1.59 0.00	55.39 -2.55 0.00	71.81 -2.45 0.00	67.58 -2.52 0.00	62.14 -2.79 0.00	52.38 -2.41 0.00	45.69 -1.90 0.00	40.99 -1.66 0.00	39.36 -1.60 0.00
STA_67___115KV_BK2 355882	37.35 -1.44 0.00	34.85 -0.89 0.00	34.14 -0.77 0.00	33.58 -0.51 0.00	34.27 -0.70 0.00	37.20 -0.95 0.00	43.55 -1.39 0.00	44.00 -1.98 0.00	42.70 -1.69 0.00	37.84 -1.21 0.00	36.66 -1.02 0.00	35.45 -0.80 0.00	34.66 -0.71 0.00	35.73 -0.88 0.00	36.26 -1.04 0.00	45.13 -1.49 0.00	55.51 -2.43 0.00	72.03 -2.23 0.00	67.79 -2.31 0.00	62.34 -2.60 0.00	52.49 -2.30 0.00	45.78 -1.81 0.00	41.08 -1.58 0.00	39.48 -1.47 0.00
STA_7___115KV_9TRANS 80674	37.55 -1.24 0.00	35.03 -0.71 0.00	34.31 -0.59 0.00	33.75 -0.34 0.00	34.45 -0.52 0.00	37.42 -0.72 0.00	43.82 -1.12 0.00	44.27 -1.70 0.00	43.01 -1.38 0.00	38.08 -0.98 0.00	36.96 -0.72 0.00	35.70 -0.54 0.00	34.94 -0.42 0.00	35.98 -0.62 0.00	36.52 -0.78 0.00	45.50 -1.12 0.00	55.91 -2.03 0.00	72.62 -1.63 0.00	68.35 -1.75 0.00	62.79 -2.14 0.00	52.87 -1.92 0.00	46.16 -1.43 0.00	41.38 -1.28 0.00	39.73 -1.23 0.00
STA_82___115KV_TB1 80780	37.35 -1.44 0.00	34.85 -0.89 0.00	34.14 -0.77 0.00	33.58 -0.51 0.00	34.27 -0.70 0.00	37.23 -0.92 0.00	43.59 -1.35 0.00	44.04 -1.93 0.00	42.75 -1.64 0.00	37.84 -1.21 0.00	36.69 -0.98 0.00	35.48 -0.76 0.00	34.70 -0.67 0.00	35.76 -0.84 0.00	36.30 -1.01 0.00	45.17 -1.45 0.00	55.57 -2.38 0.00	72.03 -2.23 0.00	67.79 -2.31 0.00	62.34 -2.60 0.00	52.49 -2.30 0.00	45.83 -1.76 0.00	41.12 -1.54 0.00	39.52 -1.43 0.00
STEEL___WIND 323596	36.35 -2.44 0.00	33.96 -1.79 0.00	33.26 -1.64 0.00	32.83 -1.26 0.00	33.82 -1.15 0.00	36.78 -1.37 0.00	42.70 -2.25 0.00	42.84 -3.13 0.00	41.55 -2.84 0.00	37.02 -2.03 0.00	35.94 -1.73 0.00	34.97 -1.27 0.00	34.20 -1.17 0.00	35.36 -1.24 0.00	35.70 -1.60 0.00	44.34 -2.28 0.00	53.88 -4.06 0.00	70.39 -3.86 0.00	66.18 -3.92 0.00	60.45 -4.48 0.00	51.06 -3.73 0.00	44.59 -3.00 0.00	40.05 -2.60 0.00	38.70 -2.25 0.00
STEPHTWN_115KV_BK_2 55603	39.80 1.01 0.00	36.61 0.86 0.00	35.67 0.77 0.00	34.88 0.78 0.00	35.78 0.80 0.00	39.14 0.99 0.00	46.06 1.12 0.00	47.17 1.20 0.00	45.46 1.07 0.00	39.76 0.70 0.00	38.35 0.68 0.00	36.79 0.54 0.00	35.83 0.46 0.00	37.16 0.55 0.00	37.90 0.60 0.00	47.55 0.93 0.00	59.04 1.10 0.00	75.44 1.19 0.00	71.37 1.26 0.00	66.30 1.36 0.00	55.77 0.99 0.00	48.31 0.71 0.00	43.38 0.73 0.00	41.82 0.86 0.00
STEUBEN_REC_LFGE 323667	36.07 -2.72 0.00	34.03 -1.72 0.00	33.44 -1.47 0.00	33.07 -1.02 0.00	33.71 -1.26 0.00	36.62 -1.53 0.00	43.19 -1.75 0.00	43.81 -2.16 0.00	42.44 -1.95 0.00	37.65 -1.41 0.00	36.47 -1.21 0.00	35.41 -0.83 0.00	34.59 -0.78 0.00	35.65 -0.95 0.00	36.26 -1.04 0.00	45.31 -1.31 0.00	55.62 -2.32 0.00	72.70 -1.56 0.00	68.42 -1.68 0.00	62.60 -2.34 0.00	52.82 -1.97 0.00	46.16 -1.43 0.00	41.25 -1.41 0.00	39.52 -1.43 0.00
STILLWATER___SOLAR 323814	40.30 1.51 0.00	37.11 1.36 0.00	36.13 1.22 0.00	35.39 1.30 0.00	36.19 1.22 0.00	39.64 1.49 0.00	46.56 1.62 0.00	47.67 1.70 0.00	45.72 1.33 0.00	39.91 0.86 0.00	38.43 0.75 0.00	36.75 0.51 0.00	35.76 0.39 0.00	37.12 0.51 0.00	37.87 0.56 0.00	47.78 1.17 0.00	59.62 1.68 0.00	76.26 2.01 0.00	72.14 2.03 0.00	67.01 2.08 0.00	56.38 1.59 0.00	48.83 1.24 0.00	43.81 1.15 0.00	42.15 1.19 0.00
STONY___BROOK 24151	41.46 2.67 0.00	37.75 2.00 0.00	36.68 1.78 0.00	35.70 1.60 0.00	36.75 1.78 0.00	40.02 1.87 0.00	47.55 2.61 0.00	49.05 3.08 0.00	47.41 3.02 0.00	41.44 2.38 0.00	40.16 2.49 0.00	38.74 2.50 0.00	37.81 2.44 0.00	39.20 2.60 0.00	39.88 2.57 0.00	50.02 3.40 0.00	61.82 3.88 0.00	79.53 5.27 0.00	75.08 4.98 0.00	69.67 4.74 0.00	58.19 3.40 0.00	51.11 3.52 0.00	45.73 3.07 0.00	43.37 2.42 0.00
STURGEON_POOL_HYD 23609	40.50 1.71 0.00	37.14 1.39 0.00	36.23 1.33 0.00	35.32 1.23 0.00	36.27 1.29 0.00	39.49 1.34 0.00	46.87 1.93 0.00	48.18 2.21 0.00	46.43 2.04 0.00	40.85 1.80 0.00	39.41 1.73 0.00	38.02 1.78 0.00	37.03 1.66 0.00	38.29 1.68 0.00	38.95 1.64 0.00	48.53 1.91 0.00	60.32 2.38 0.00	77.15 2.90 0.00	72.70 2.59 0.00	67.53 2.60 0.00	56.82 2.03 0.00	49.50 1.90 0.00	44.28 1.62 0.00	42.27 1.31 0.00

ST_LAW_115_BK7_LBMP 345037	38.71 -0.08 0.00	35.68 -0.07 0.00	34.87 -0.03 0.00	33.96 -0.14 0.00	34.87 -0.10 0.00	38.04 -0.11 0.00	44.94 0.00 0.00	46.06 0.09 0.00	44.57 0.18 0.00	39.29 0.24 0.00	37.82 0.15 0.00	36.32 0.07 0.00	35.51 0.14 0.00	36.86 0.26 0.00	37.53 0.23 0.00	46.99 0.37 0.00	58.64 0.70 0.00	75.07 0.82 0.00	71.01 0.91 0.00	65.65 0.72 0.00	55.61 0.82 0.00	48.26 0.67 0.00	43.21 0.55 0.00	41.49 0.53 0.00
ST_LAW_115_BK8_LBMP 345038	38.71 -0.08 0.00	35.68 -0.07 0.00	34.87 -0.03 0.00	33.96 -0.14 0.00	34.87 -0.10 0.00	38.04 -0.11 0.00	44.94 0.00 0.00	46.06 0.09 0.00	44.57 0.18 0.00	39.29 0.24 0.00	37.82 0.15 0.00	36.32 0.07 0.00	35.51 0.14 0.00	36.86 0.26 0.00	37.53 0.23 0.00	46.99 0.37 0.00	58.64 0.70 0.00	75.07 0.82 0.00	71.01 0.91 0.00	65.65 0.72 0.00	55.61 0.82 0.00	48.26 0.67 0.00	43.21 0.55 0.00	41.49 0.53 0.00
ST_LAW_230_BK5_LBMP 345035	38.67 -0.12 0.00	35.64 -0.11 0.00	34.83 -0.07 0.00	33.92 -0.17 0.00	34.83 -0.14 0.00	38.00 -0.15 0.00	44.90 -0.04 0.00	46.02 0.05 0.00	44.52 0.13 0.00	39.25 0.20 0.00	37.79 0.11 0.00	36.32 0.07 0.00	35.51 0.14 0.00	36.83 0.22 0.00	37.50 0.19 0.00	46.95 0.33 0.00	58.58 0.64 0.00	75.00 0.74 0.00	70.88 0.77 0.00	65.58 0.65 0.00	55.50 0.71 0.00	48.21 0.62 0.00	43.13 0.47 0.00	41.41 0.45 0.00
ST_LAW_230_BK6_LBMP 345036	38.67 -0.12 0.00	35.64 -0.11 0.00	34.83 -0.07 0.00	33.92 -0.17 0.00	34.83 -0.14 0.00	38.00 -0.15 0.00	44.90 -0.04 0.00	46.02 0.05 0.00	44.52 0.13 0.00	39.25 0.20 0.00	37.79 0.11 0.00	36.32 0.07 0.00	35.51 0.14 0.00	36.83 0.22 0.00	37.50 0.19 0.00	46.95 0.33 0.00	58.58 0.64 0.00	75.00 0.74 0.00	70.88 0.77 0.00	65.58 0.65 0.00	55.50 0.71 0.00	48.21 0.62 0.00	43.13 0.47 0.00	41.41 0.45 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.38 1.59 0.00	37.11 1.36 0.00	36.16 1.26 0.00	35.29 1.19 0.00	36.20 1.22 0.00	39.41 1.26 0.00	46.78 1.84 0.00	48.04 2.07 0.00	46.30 1.91 0.00	40.74 1.68 0.00	39.37 1.70 0.00	37.95 1.70 0.00	37.00 1.63 0.00	38.25 1.65 0.00	38.91 1.60 0.00	48.48 1.86 0.00	60.09 2.14 0.00	76.85 2.60 0.00	72.49 2.38 0.00	67.27 2.34 0.00	56.65 1.86 0.00	49.35 1.76 0.00	44.15 1.49 0.00	42.19 1.23 0.00
SWANROAD_115KV_TB1 355699	35.42 -3.37 0.00	33.46 -2.29 0.00	32.81 -2.09 0.00	32.87 -1.23 0.00	33.05 -1.92 0.00	35.67 -2.48 0.00	41.75 -3.19 0.00	41.88 -4.09 0.00	40.48 -3.91 0.00	36.09 -2.97 0.00	35.00 -2.67 0.00	34.07 -2.17 0.00	33.28 -2.09 0.00	34.41 -2.61 0.00	34.70 -3.54 0.00	43.08 -5.27 0.00	52.67 -5.79 0.00	68.46 -5.79 0.00	64.36 -5.75 0.00	58.90 -6.04 0.00	49.69 -5.10 0.00	43.45 -4.14 0.00	39.07 -3.58 0.00	37.72 -3.24 0.00
SYNERGY___BIOGAS 323694	36.97 -1.82 0.00	34.75 -1.00 0.00	34.10 -0.80 0.00	33.85 -0.24 0.00	34.27 -0.70 0.00	37.12 -1.03 0.00	43.46 -1.48 0.00	43.67 -2.30 0.00	42.39 -2.00 0.00	37.61 -1.45 0.00	36.43 -1.24 0.00	35.30 -0.94 0.00	34.52 -0.85 0.00	35.62 -0.99 0.00	36.00 -1.31 0.00	44.85 -1.77 0.00	54.99 -2.96 0.00	71.81 -2.45 0.00	67.58 -2.52 0.00	61.88 -3.05 0.00	52.10 -2.68 0.00	45.59 -2.00 0.00	40.86 -1.79 0.00	39.32 -1.64 0.00
SYRACUSE___ENERGY_ST1 323597	38.40 -0.39 0.00	35.50 -0.25 0.00	34.66 -0.24 0.00	33.96 -0.14 0.00	34.76 -0.21 0.00	37.92 -0.23 0.00	44.45 -0.49 0.00	45.33 -0.64 0.00	44.39 0.00 0.00	39.09 0.04 0.00	37.79 0.11 0.00	36.43 0.18 0.00	35.55 0.18 0.00	36.64 0.04 0.00	37.35 0.04 0.00	46.62 0.00 0.00	57.01 -0.93 0.00	73.36 -0.89 0.00	69.12 -0.98 0.00	63.96 -0.97 0.00	53.86 -0.93 0.00	46.88 -0.71 0.00	42.02 -0.64 0.00	40.34 -0.61 0.00
SYRACUSE___ENERGY_ST2 323598	38.40 -0.39 0.00	35.50 -0.25 0.00	34.66 -0.24 0.00	33.96 -0.14 0.00	34.76 -0.21 0.00	37.92 -0.23 0.00	44.45 -0.49 0.00	45.33 -0.64 0.00	44.39 0.00 0.00	39.09 0.04 0.00	37.79 0.11 0.00	36.43 0.18 0.00	35.55 0.18 0.00	36.64 0.04 0.00	37.35 0.04 0.00	46.62 0.00 0.00	57.01 -0.93 0.00	73.36 -0.89 0.00	69.12 -0.98 0.00	63.96 -0.97 0.00	53.86 -0.93 0.00	46.88 -0.71 0.00	42.02 -0.64 0.00	40.34 -0.61 0.00
SYRACUSE___POWER 24017	38.36 -0.43 0.00	35.43 -0.32 0.00	34.63 -0.28 0.00	33.89 -0.20 0.00	34.69 -0.28 0.00	37.84 -0.31 0.00	44.36 -0.58 0.00	45.28 -0.69 0.00	44.04 -0.36 0.00	38.78 -0.27 0.00	37.45 -0.23 0.00	36.10 -0.14 0.00	35.19 -0.18 0.00	36.31 -0.29 0.00	37.05 -0.26 0.00	46.25 -0.37 0.00	56.96 -0.99 0.00	73.29 -0.97 0.00	69.05 -1.05 0.00	63.90 -1.04 0.00	53.86 -0.93 0.00	46.83 -0.76 0.00	41.97 -0.68 0.00	40.26 -0.70 0.00
TALLMAN__138KV_BK151 55660	40.54 1.75 0.00	37.21 1.47 0.00	36.27 1.36 0.00	35.39 1.30 0.00	36.30 1.33 0.00	39.52 1.37 0.00	46.96 2.02 0.00	48.22 2.25 0.00	46.48 2.09 0.00	40.93 1.87 0.00	39.56 1.88 0.00	38.17 1.92 0.00	37.21 1.84 0.00	38.47 1.87 0.00	39.14 1.83 0.00	48.67 2.05 0.00	60.26 2.32 0.00	77.08 2.82 0.00	72.63 2.52 0.00	67.47 2.53 0.00	56.82 2.03 0.00	49.50 1.90 0.00	44.28 1.62 0.00	42.27 1.31 0.00
TEALLAVE_115KV_TB7 355573	38.25 -0.54 0.00	35.32 -0.43 0.00	34.52 -0.38 0.00	33.79 -0.31 0.00	34.59 -0.38 0.00	37.73 -0.42 0.00	44.18 -0.76 0.00	45.05 -0.92 0.00	43.77 -0.62 0.00	38.55 -0.51 0.00	37.22 -0.45 0.00	35.88 -0.36 0.00	35.01 -0.35 0.00	36.13 -0.48 0.00	36.82 -0.48 0.00	45.92 -0.70 0.00	56.72 -1.22 0.00	72.92 -1.34 0.00	68.70 -1.40 0.00	63.57 -1.36 0.00	53.58 -1.21 0.00	46.59 -1.00 0.00	41.80 -0.85 0.00	40.10 -0.86 0.00
TELGRAPH_34_KV_EAST 80808	36.31 -2.48 0.00	34.21 -1.54 0.00	33.54 -1.36 0.00	33.38 -0.72 0.00	33.78 -1.19 0.00	36.51 -1.64 0.00	42.74 -2.20 0.00	42.94 -3.03 0.00	41.59 -2.80 0.00	36.99 -2.07 0.00	35.90 -1.77 0.00	34.83 -1.41 0.00	34.06 -1.31 0.00	35.18 -1.43 0.00	35.52 -1.79 0.00	44.15 -2.47 0.00	54.06 -3.88 0.00	70.39 -3.86 0.00	66.18 -3.93 0.00	60.58 -4.35 0.00	51.06 -3.73 0.00	44.69 -2.90 0.00	40.10 -2.56 0.00	38.66 -2.29 0.00
TEMPLE___115KV_TB 2 55572	38.25 -0.54 0.00	35.32 -0.43 0.00	34.52 -0.38 0.00	33.79 -0.31 0.00	34.62 -0.35 0.00	37.73 -0.42 0.00	44.22 -0.72 0.00	45.10 -0.87 0.00	43.81 -0.58 0.00	38.59 -0.47 0.00	37.26 -0.41 0.00	35.92 -0.33 0.00	35.01 -0.35 0.00	36.17 -0.44 0.00	36.86 -0.45 0.00	45.97 -0.65 0.00	56.72 -1.22 0.00	72.92 -1.34 0.00	68.77 -1.33 0.00	63.64 -1.30 0.00	53.58 -1.21 0.00	46.59 -1.00 0.00	41.80 -0.85 0.00	40.14 -0.82 0.00
TIANA____69_KV_BK 1 55817	41.39 2.60 0.00	37.68 1.93 0.00	36.61 1.71 0.00	35.66 1.57 0.00	36.65 1.68 0.00	39.90 1.75 0.00	47.50 2.56 0.00	49.01 3.03 0.00	47.41 3.02 0.00	41.44 2.38 0.00	40.20 2.52 0.00	38.85 2.61 0.00	37.88 2.51 0.00	39.31 2.71 0.00	39.99 2.69 0.00	50.25 3.64 0.00	62.23 4.29 0.00	80.42 6.16 0.00	75.92 5.82 0.00	70.45 5.52 0.00	58.73 3.94 0.00	51.64 4.05 0.00	46.11 3.46 0.00	43.78 2.83 0.00

TILDEN___115KV_TB1 80814	38.36 -0.43 0.00	35.43 -0.32 0.00	34.63 -0.28 0.00	33.89 -0.20 0.00	34.69 -0.28 0.00	37.84 -0.31 0.00	44.36 -0.58 0.00	45.28 -0.69 0.00	44.04 -0.36 0.00	38.78 -0.27 0.00	37.45 -0.23 0.00	36.10 -0.14 0.00	35.19 -0.18 0.00	36.31 -0.29 0.00	37.05 -0.26 0.00	46.25 -0.37 0.00	56.96 -0.99 0.00	73.29 -0.97 0.00	69.05 -1.05 0.00	63.90 -1.04 0.00	53.86 -0.93 0.00	46.83 -0.76 0.00	41.97 -0.68 0.00	40.26 -0.70 0.00
TRIGEN___CC 323695	41.00 2.21 0.00	37.46 1.72 0.00	36.44 1.54 0.00	35.53 1.43 0.00	36.47 1.50 0.00	39.71 1.56 0.00	47.32 2.38 0.00	48.73 2.76 0.00	47.05 2.66 0.00	41.28 2.23 0.00	39.97 2.30 0.00	38.56 2.32 0.00	37.56 2.19 0.00	38.91 2.31 0.00	39.62 2.31 0.00	49.46 2.84 0.00	61.07 3.13 0.00	78.34 4.08 0.00	73.89 3.79 0.00	68.64 3.70 0.00	57.53 2.74 0.00	50.40 2.81 0.00	45.13 2.47 0.00	42.92 1.97 0.00
TRINITY__115KV__4 BK 55933	39.49 0.70 0.00	36.28 0.54 0.00	35.39 0.49 0.00	34.57 0.48 0.00	35.50 0.52 0.00	38.84 0.69 0.00	45.71 0.76 0.00	46.75 0.78 0.00	45.06 0.67 0.00	39.45 0.39 0.00	38.05 0.38 0.00	36.53 0.29 0.00	35.62 0.25 0.00	36.90 0.29 0.00	37.64 0.34 0.00	47.18 0.56 0.00	58.52 0.58 0.00	74.70 0.45 0.00	70.67 0.56 0.00	65.65 0.71 0.00	55.28 0.49 0.00	47.88 0.29 0.00	43.00 0.34 0.00	41.49 0.53 0.00
UNION___PROCESSING_DRP 323587	37.35 -1.44 0.00	34.85 -0.89 0.00	34.17 -0.73 0.00	33.62 -0.48 0.00	34.27 -0.70 0.00	37.23 -0.92 0.00	43.59 -1.35 0.00	44.04 -1.93 0.00	42.75 -1.64 0.00	37.88 -1.17 0.00	36.69 -0.98 0.00	35.48 -0.76 0.00	34.70 -0.67 0.00	35.76 -0.84 0.00	36.30 -1.01 0.00	45.17 -1.45 0.00	55.57 -2.38 0.00	72.10 -2.15 0.00	67.79 -2.31 0.00	62.34 -2.60 0.00	52.49 -2.30 0.00	45.83 -1.76 0.00	41.12 -1.54 0.00	39.52 -1.43 0.00
UPPER HUDSON___HYD 24058	40.03 1.24 0.00	36.86 1.11 0.00	35.92 1.01 0.00	35.18 1.09 0.00	35.95 0.98 0.00	39.41 1.26 0.00	46.25 1.30 0.00	47.40 1.43 0.00	45.41 1.02 0.00	39.68 0.62 0.00	38.16 0.49 0.00	36.43 0.18 0.00	35.30 -0.07 0.00	36.72 0.11 0.00	37.42 0.11 0.00	47.22 0.60 0.00	59.04 1.10 0.00	75.66 1.41 0.00	71.51 1.40 0.00	66.56 1.62 0.00	55.99 1.20 0.00	48.49 0.90 0.00	43.59 0.94 0.00	41.86 0.90 0.00
UPPER RAQUET___HYD 24056	39.22 0.43 0.00	36.14 0.39 0.00	35.36 0.45 0.00	34.33 0.24 0.00	35.25 0.28 0.00	38.49 0.34 0.00	45.48 0.54 0.00	46.66 0.69 0.00	45.19 0.80 0.00	39.80 0.74 0.00	38.24 0.57 0.00	36.68 0.44 0.00	35.90 0.53 0.00	37.27 0.66 0.00	37.94 0.63 0.00	47.60 0.98 0.00	59.62 1.68 0.00	76.48 2.23 0.00	72.49 2.38 0.00	67.14 2.21 0.00	56.82 2.03 0.00	49.35 1.76 0.00	44.11 1.45 0.00	42.27 1.31 0.00
VALLEY44_115KV_TB2 355964	35.61 -3.18 0.00	33.64 -2.11 0.00	32.98 -1.92 0.00	32.73 -1.36 0.00	33.33 -1.64 0.00	36.01 -2.14 0.00	42.51 -2.43 0.00	43.03 -2.94 0.00	41.46 -2.93 0.00	36.99 -2.07 0.00	35.94 -1.73 0.00	34.98 -1.27 0.00	34.17 -1.20 0.00	35.29 -1.32 0.00	35.63 -1.68 0.00	44.15 -2.47 0.00	53.89 -4.06 0.00	70.32 -3.94 0.00	65.97 -4.14 0.00	60.19 -4.74 0.00	50.90 -3.89 0.00	44.40 -3.19 0.00	39.80 -2.86 0.00	38.25 -2.70 0.00
VALLEY___115KV_TB 1-4 80826	39.76 0.97 0.00	36.64 0.89 0.00	35.81 0.91 0.00	34.91 0.82 0.00	35.81 0.84 0.00	39.03 0.88 0.00	45.88 0.94 0.00	46.89 0.92 0.00	45.28 0.89 0.00	39.80 0.74 0.00	38.50 0.83 0.00	37.04 0.80 0.00	36.15 0.78 0.00	37.45 0.84 0.00	38.24 0.93 0.00	47.92 1.31 0.00	59.51 1.56 0.00	76.48 2.23 0.00	72.28 2.17 0.00	67.08 2.14 0.00	56.54 1.75 0.00	49.16 1.57 0.00	44.11 1.45 0.00	42.35 1.39 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.19 1.40 0.00	37.00 1.25 0.00	36.16 1.26 0.00	35.25 1.16 0.00	36.16 1.19 0.00	39.49 1.34 0.00	46.51 1.57 0.00	47.63 1.65 0.00	46.08 1.69 0.00	40.58 1.52 0.00	39.10 1.43 0.00	37.66 1.41 0.00	36.68 1.31 0.00	37.89 1.28 0.00	38.69 1.38 0.00	48.53 1.91 0.00	60.20 2.26 0.00	77.23 2.97 0.00	72.70 2.59 0.00	67.66 2.73 0.00	56.87 2.08 0.00	49.40 1.81 0.00	44.23 1.58 0.00	42.31 1.35 0.00
VISCHER___FERRY HYD 24020	40.03 1.24 0.00	36.82 1.07 0.00	35.88 0.98 0.00	35.15 1.06 0.00	35.95 0.98 0.00	39.37 1.22 0.00	46.29 1.35 0.00	47.35 1.38 0.00	45.54 1.15 0.00	39.76 0.70 0.00	38.24 0.57 0.00	36.64 0.40 0.00	35.72 0.35 0.00	37.01 0.40 0.00	37.83 0.52 0.00	47.60 0.98 0.00	59.21 1.27 0.00	75.66 1.41 0.00	71.58 1.47 0.00	66.43 1.49 0.00	55.99 1.20 0.00	48.35 0.76 0.00	43.38 0.72 0.00	41.86 0.90 0.00
V_A_10_SYNC_DSASP 323832	36.39 -2.40 0.00	34.21 -1.54 0.00	33.51 -1.40 0.00	33.07 -1.02 0.00	33.71 -1.26 0.00	36.47 -1.68 0.00	42.60 -2.34 0.00	42.94 -3.03 0.00	41.55 -2.84 0.00	36.95 -2.11 0.00	35.83 -1.85 0.00	34.76 -1.49 0.00	33.99 -1.38 0.00	35.11 -1.50 0.00	35.48 -1.83 0.00	44.10 -2.52 0.00	54.00 -3.94 0.00	70.10 -4.16 0.00	65.90 -4.21 0.00	60.39 -4.55 0.00	50.95 -3.84 0.00	44.55 -3.05 0.00	40.01 -2.64 0.00	38.58 -2.38 0.00
V_CMM_10_SYNC_DSASP 323787	38.87 0.08 0.00	35.82 0.07 0.00	35.01 0.10 0.00	34.09 0.00 0.00	35.01 0.03 0.00	38.19 0.04 0.00	45.12 0.18 0.00	46.25 0.28 0.00	44.79 0.40 0.00	39.49 0.43 0.00	38.01 0.34 0.00	36.50 0.25 0.00	35.72 0.35 0.00	37.05 0.44 0.00	37.72 0.41 0.00	47.22 0.61 0.00	58.93 0.99 0.00	75.44 1.19 0.00	71.30 1.19 0.00	65.97 1.04 0.00	55.88 1.10 0.00	48.54 0.95 0.00	43.42 0.77 0.00	41.65 0.70 0.00
V_CMP_10_SYNC_DSASP 323788	38.21 -0.58 0.00	35.25 -0.50 0.00	34.45 -0.45 0.00	33.48 -0.61 0.00	34.45 -0.52 0.00	37.62 -0.53 0.00	44.49 -0.45 0.00	45.74 -0.23 0.00	44.39 0.00 0.00	39.21 0.16 0.00	37.75 0.08 0.00	36.24 0.00 0.00	35.51 0.14 0.00	36.90 0.29 0.00	37.61 0.30 0.00	47.13 0.51 0.00	59.04 1.10 0.00	75.67 1.41 0.00	71.65 1.54 0.00	66.30 1.36 0.00	56.27 1.48 0.00	48.92 1.33 0.00	43.72 1.07 0.00	41.98 1.02 0.00
V_D_10_SYNC_DSASP 323841	39.22 0.43 0.00	36.14 0.39 0.00	35.36 0.45 0.00	34.40 0.31 0.00	35.29 0.31 0.00	38.49 0.34 0.00	45.53 0.58 0.00	46.66 0.69 0.00	45.15 0.75 0.00	39.84 0.78 0.00	38.31 0.64 0.00	36.79 0.54 0.00	36.01 0.64 0.00	37.34 0.73 0.00	38.02 0.71 0.00	47.60 0.98 0.00	59.45 1.51 0.00	76.11 1.86 0.00	72.00 1.89 0.00	66.62 1.69 0.00	56.43 1.64 0.00	49.02 1.43 0.00	43.85 1.19 0.00	42.06 1.11 0.00
V_E_10_SYNC_DSASP 323830	40.54 1.75 0.00	37.50 1.75 0.00	36.79 1.88 0.00	35.87 1.77 0.00	36.75 1.78 0.00	40.17 2.02 0.00	47.19 2.25 0.00	48.91 2.94 0.00	47.50 3.11 0.00	41.67 2.62 0.00	40.01 2.34 0.00	38.49 2.25 0.00	37.49 2.12 0.00	38.66 2.05 0.00	39.66 2.35 0.00	50.39 3.78 0.00	62.75 4.81 0.00	81.38 7.13 0.00	76.62 6.52 0.00	71.43 6.49 0.00	59.66 4.88 0.00	51.83 4.24 0.00	46.28 3.63 0.00	44.07 3.11 0.00

V_F_30_NSYNC___DSASP 323816	40.19 1.40 0.00	36.96 1.22 0.00	36.02 1.12 0.00	35.25 1.16 0.00	36.13 1.15 0.00	39.60 1.45 0.00	46.56 1.62 0.00	47.67 1.70 0.00	45.77 1.38 0.00	39.99 0.94 0.00	38.46 0.79 0.00	36.82 0.58 0.00	35.83 0.46 0.00	37.19 0.59 0.00	37.94 0.63 0.00	47.83 1.21 0.00	59.68 1.74 0.00	76.41 2.15 0.00	72.21 2.10 0.00	67.14 2.21 0.00	56.43 1.64 0.00	48.88 1.28 0.00	43.89 1.24 0.00	42.23 1.27 0.00
V_F_30_SYNC_DSASP 323786	39.60 0.81 0.00	36.43 0.68 0.00	35.53 0.63 0.00	34.71 0.61 0.00	35.64 0.66 0.00	38.95 0.80 0.00	45.84 0.90 0.00	46.89 0.92 0.00	45.19 0.80 0.00	39.56 0.51 0.00	38.20 0.53 0.00	36.64 0.40 0.00	35.72 0.35 0.00	37.05 0.44 0.00	37.79 0.49 0.00	47.36 0.75 0.00	58.75 0.81 0.00	75.00 0.74 0.00	70.88 0.77 0.00	65.91 0.97 0.00	55.50 0.71 0.00	48.02 0.43 0.00	43.17 0.51 0.00	41.61 0.66 0.00
V_XM_10_SYNC_DSASP 323789	38.21 -0.58 0.00	35.25 -0.50 0.00	34.45 -0.45 0.00	33.48 -0.61 0.00	34.45 -0.52 0.00	37.62 -0.53 0.00	44.49 -0.45 0.00	45.74 -0.23 0.00	44.39 0.00 0.00	39.21 0.16 0.00	37.75 0.08 0.00	36.24 0.00 0.00	35.51 0.14 0.00	36.90 0.29 0.00	37.61 0.30 0.00	47.13 0.51 0.00	59.04 1.10 0.00	75.67 1.41 0.00	71.65 1.54 0.00	66.30 1.36 0.00	56.27 1.48 0.00	48.92 1.33 0.00	43.72 1.07 0.00	41.98 1.02 0.00
W.BABYLN_69_KV_BK1 56697	41.62 2.83 0.00	37.93 2.18 0.00	36.86 1.95 0.00	35.90 1.81 0.00	36.89 1.92 0.00	40.17 2.02 0.00	47.91 2.97 0.00	49.37 3.40 0.00	47.72 3.33 0.00	41.75 2.69 0.00	40.46 2.79 0.00	38.96 2.72 0.00	37.98 2.62 0.00	39.39 2.78 0.00	40.10 2.80 0.00	50.25 3.64 0.00	62.11 4.17 0.00	79.97 5.72 0.00	75.50 5.40 0.00	70.06 5.13 0.00	58.62 3.84 0.00	51.40 3.81 0.00	45.94 3.28 0.00	43.62 2.66 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.69 1.90 0.00	37.36 1.61 0.00	36.41 1.50 0.00	35.53 1.43 0.00	36.44 1.47 0.00	39.68 1.53 0.00	47.14 2.20 0.00	48.45 2.48 0.00	46.70 2.31 0.00	41.09 2.03 0.00	39.74 2.07 0.00	38.35 2.10 0.00	37.38 2.02 0.00	38.66 2.05 0.00	39.29 1.98 0.00	48.90 2.28 0.00	60.61 2.67 0.00	77.45 3.19 0.00	73.05 2.94 0.00	67.79 2.86 0.00	57.03 2.25 0.00	49.73 2.14 0.00	44.49 1.83 0.00	42.47 1.52 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	41.00 2.21 0.00	37.61 1.86 0.00	36.61 1.71 0.00	35.76 1.67 0.00	36.65 1.68 0.00	39.90 1.75 0.00	47.41 2.47 0.00	48.82 2.85 0.00	47.05 2.66 0.00	41.40 2.34 0.00	40.06 2.37 -0.01	38.68 2.43 -0.01	37.71 2.33 -0.01	39.00 2.38 -0.01	39.63 2.31 -0.01	49.18 2.56 0.00	60.84 2.90 0.00	77.67 3.42 0.00	73.19 3.08 0.00	68.05 3.12 0.00	57.31 2.52 0.00	50.02 2.43 0.00	44.79 2.13 0.00	42.68 1.72 0.00
W50THST__13_KV_LOAD 356117	41.20 2.40 0.00	37.75 2.00 0.00	36.75 1.85 0.00	35.90 1.81 0.00	36.79 1.82 0.00	40.02 1.87 0.00	47.64 2.70 0.00	49.01 3.03 0.00	47.23 2.84 0.00	41.59 2.54 0.00	40.24 2.56 -0.01	38.86 2.61 -0.01	37.89 2.51 -0.01	39.18 2.56 -0.01	39.82 2.50 -0.01	49.37 2.75 0.00	61.13 3.19 0.00	77.97 3.71 0.00	73.54 3.44 0.00	68.31 3.38 0.00	57.53 2.74 0.00	50.21 2.62 0.00	44.96 2.30 0.00	42.84 1.88 0.00
WADING RIVER_IC_1 23522	41.50 2.71 0.00	37.75 2.00 0.00	36.68 1.78 0.00	35.70 1.60 0.00	36.75 1.78 0.00	40.02 1.87 0.00	47.50 2.56 0.00	49.01 3.03 0.00	47.37 2.97 0.00	41.36 2.30 0.00	40.12 2.45 0.00	38.74 2.50 0.00	37.77 2.41 0.00	39.20 2.60 0.00	39.88 2.57 0.00	50.07 3.45 0.00	62.06 4.11 0.00	80.05 5.80 0.00	75.58 5.47 0.00	70.06 5.13 0.00	58.46 3.67 0.00	51.40 3.81 0.00	45.90 3.24 0.00	43.58 2.62 0.00
WADING RIVER_IC_2 23547	41.50 2.71 0.00	37.75 2.00 0.00	36.68 1.78 0.00	35.70 1.60 0.00	36.75 1.78 0.00	40.02 1.87 0.00	47.50 2.56 0.00	49.01 3.03 0.00	47.37 2.97 0.00	41.36 2.30 0.00	40.12 2.45 0.00	38.74 2.50 0.00	37.77 2.41 0.00	39.20 2.60 0.00	39.88 2.57 0.00	50.07 3.45 0.00	62.06 4.11 0.00	80.05 5.80 0.00	75.58 5.47 0.00	70.06 5.13 0.00	58.46 3.67 0.00	51.40 3.81 0.00	45.90 3.24 0.00	43.58 2.62 0.00
WADING RIVER_IC_3 23601	41.50 2.71 0.00	37.75 2.00 0.00	36.68 1.78 0.00	35.70 1.60 0.00	36.75 1.78 0.00	40.02 1.87 0.00	47.50 2.56 0.00	49.01 3.03 0.00	47.37 2.97 0.00	41.36 2.30 0.00	40.12 2.45 0.00	38.74 2.50 0.00	37.77 2.41 0.00	39.20 2.60 0.00	39.88 2.57 0.00	50.07 3.45 0.00	62.06 4.11 0.00	80.05 5.80 0.00	75.58 5.47 0.00	70.06 5.13 0.00	58.46 3.67 0.00	51.40 3.81 0.00	45.90 3.24 0.00	43.58 2.62 0.00
WALDENNY_12_KV_BK2 80841	35.96 -2.83 0.00	34.03 -1.72 0.00	33.37 -1.54 0.00	33.17 -0.92 0.00	33.68 -1.29 0.00	36.36 -1.79 0.00	42.60 -2.34 0.00	42.94 -3.03 0.00	41.55 -2.84 0.00	37.02 -2.03 0.00	35.94 -1.73 0.00	35.01 -1.23 0.00	34.20 -1.17 0.00	35.36 -1.24 0.00	35.67 -1.64 0.00	44.33 -2.28 0.00	54.12 -3.82 0.00	70.47 -3.79 0.00	66.18 -3.93 0.00	60.52 -4.42 0.00	51.06 -3.73 0.00	44.59 -3.00 0.00	40.05 -2.60 0.00	38.62 -2.33 0.00
WALDEN__HYDRO 24148	40.54 1.75 0.00	37.25 1.50 0.00	36.30 1.40 0.00	35.42 1.33 0.00	36.34 1.36 0.00	39.56 1.41 0.00	46.96 2.02 0.00	48.22 2.25 0.00	46.48 2.09 0.00	40.89 1.84 0.00	39.48 1.81 0.00	38.06 1.81 0.00	37.10 1.73 0.00	38.36 1.76 0.00	39.02 1.72 0.00	48.67 2.05 0.00	60.37 2.43 0.00	77.30 3.04 0.00	72.84 2.73 0.00	67.66 2.73 0.00	56.87 2.08 0.00	49.59 2.00 0.00	44.36 1.71 0.00	42.35 1.39 0.00
WARRENSBURG____ 23737	39.92 1.12 0.00	36.71 0.97 0.00	35.78 0.87 0.00	35.01 0.92 0.00	35.85 0.87 0.00	39.33 1.18 0.00	46.20 1.26 0.00	47.35 1.38 0.00	45.41 1.02 0.00	39.68 0.62 0.00	38.16 0.49 0.00	36.43 0.18 0.00	35.30 -0.07 0.00	36.72 0.11 0.00	37.42 0.11 0.00	47.22 0.61 0.00	59.04 1.10 0.00	75.67 1.41 0.00	71.51 1.40 0.00	66.56 1.62 0.00	55.99 1.21 0.00	48.50 0.90 0.00	43.59 0.94 0.00	41.90 0.94 0.00
WATERSIDE____6 8 9 23538	41.08 2.29 0.00	37.71 1.97 0.00	36.72 1.82 0.00	35.83 1.74 0.00	36.72 1.75 0.00	39.90 1.75 0.00	47.41 2.47 0.00	48.73 2.76 0.00	46.97 2.57 0.00	41.36 2.30 0.00	40.02 2.34 -0.02	38.65 2.39 -0.02	37.68 2.30 -0.02	38.96 2.34 -0.02	39.60 2.28 -0.02	49.09 2.47 0.00	60.49 2.55 0.00	77.14 2.90 0.01	72.76 2.66 0.01	67.65 2.73 0.01	57.03 2.25 0.00	49.97 2.38 0.00	44.83 2.18 0.00	42.80 1.84 0.00
WATKINRD_115KV_LN8_ILLION 55919	39.49 0.70 0.00	36.39 0.64 0.00	35.53 0.63 0.00	34.67 0.58 0.00	35.57 0.59 0.00	38.80 0.65 0.00	45.66 0.72 0.00	46.66 0.69 0.00	45.06 0.67 0.00	39.60 0.55 0.00	38.28 0.60 0.00	36.82 0.58 0.00	35.93 0.57 0.00	37.19 0.59 0.00	37.94 0.63 0.00	47.55 0.93 0.00	59.04 1.10 0.00	75.74 1.49 0.00	71.58 1.47 0.00	66.43 1.49 0.00	55.99 1.21 0.00	48.64 1.05 0.00	43.64 0.98 0.00	41.90 0.94 0.00

WDELAWARE___HYD 323627	40.69 1.90 0.00	37.36 1.61 0.00	36.44 1.53 0.00	35.49 1.40 0.00	36.44 1.47 0.00	39.75 1.60 0.00	47.01 2.07 0.00	48.27 2.30 0.00	46.57 2.17 0.00	40.93 1.87 0.00	39.41 1.73 0.00	37.95 1.70 0.00	37.00 1.63 0.00	38.22 1.61 0.00	38.91 1.60 0.00	48.67 2.05 0.00	60.61 2.67 0.00	77.67 3.42 0.00	73.19 3.08 0.00	67.99 3.05 0.00	57.09 2.30 0.00	49.78 2.19 0.00	44.49 1.83 0.00	42.43 1.47 0.00
WEST BABYLON___IC 23714	41.62 2.83 0.00	37.93 2.18 0.00	36.86 1.95 0.00	35.90 1.81 0.00	36.89 1.92 0.00	40.17 2.02 0.00	47.91 2.97 0.00	49.37 3.40 0.00	47.72 3.33 0.00	41.75 2.69 0.00	40.46 2.79 0.00	38.96 2.72 0.00	37.98 2.62 0.00	39.39 2.78 0.00	40.10 2.80 0.00	50.25 3.64 0.00	62.11 4.17 0.00	79.97 5.72 0.00	75.50 5.40 0.00	70.06 5.13 0.00	58.62 3.84 0.00	51.40 3.81 0.00	45.94 3.28 0.00	43.62 2.66 0.00
WEST CANADA___HYD 24049	38.91 0.12 0.00	35.85 0.11 0.00	34.97 0.07 0.00	34.20 0.10 0.00	35.04 0.07 0.00	38.23 0.08 0.00	45.03 0.09 0.00	46.06 0.09 0.00	44.44 0.04 0.00	39.09 0.04 0.00	37.71 0.04 0.00	36.28 0.04 0.00	35.40 0.04 0.00	36.61 0.00 0.00	37.35 0.04 0.00	46.67 0.05 0.00	58.00 0.06 0.00	74.26 0.00 0.00	70.10 0.00 0.00	65.00 0.07 0.00	54.84 0.05 0.00	47.64 0.05 0.00	42.70 0.04 0.00	41.00 0.04 0.00
WESTERN_NY_WIND 24143	36.89 -1.90 0.00	34.67 -1.07 0.00	34.03 -0.87 0.00	33.82 -0.27 0.00	34.24 -0.73 0.00	37.04 -1.11 0.00	43.41 -1.53 0.00	43.58 -2.39 0.00	42.30 -2.09 0.00	37.53 -1.52 0.00	36.39 -1.28 0.00	35.27 -0.98 0.00	34.48 -0.88 0.00	35.54 -1.06 0.00	35.96 -1.34 0.00	44.75 -1.86 0.00	54.87 -3.07 0.00	71.66 -2.60 0.00	67.44 -2.66 0.00	61.75 -3.18 0.00	51.99 -2.79 0.00	45.50 -2.09 0.00	40.78 -1.88 0.00	39.24 -1.72 0.00
WESTOVER___LESR 323668	38.60 -0.19 0.00	35.71 -0.04 0.00	34.90 0.00 0.00	34.23 0.14 0.00	35.04 0.07 0.00	38.15 0.00 0.00	44.90 -0.04 0.00	45.83 -0.14 0.00	44.39 0.00 0.00	39.13 0.08 0.00	37.79 0.11 0.00	36.46 0.22 0.00	35.58 0.21 0.00	36.75 0.15 0.00	37.42 0.11 0.00	46.67 0.05 0.00	57.59 -0.35 0.00	74.18 -0.07 0.00	69.82 -0.28 0.00	64.54 -0.39 0.00	54.41 -0.38 0.00	47.35 -0.24 0.00	42.44 -0.21 0.00	40.67 -0.29 0.00
WETHRSFD_WT_PWR 323626	35.88 -2.91 0.00	33.60 -2.14 0.00	33.05 -1.85 0.00	32.59 -1.50 0.00	33.54 -1.44 0.00	36.51 -1.64 0.00	42.43 -2.52 0.00	42.75 -3.22 0.00	41.37 -3.02 0.00	36.79 -2.27 0.00	35.64 -2.03 0.00	34.65 -1.59 0.00	33.85 -1.52 0.00	34.96 -1.65 0.00	35.37 -1.94 0.00	44.05 -2.56 0.00	53.77 -4.17 0.00	70.32 -3.94 0.00	66.11 -3.99 0.00	60.45 -4.48 0.00	51.06 -3.73 0.00	44.64 -2.95 0.00	40.01 -2.64 0.00	38.58 -2.38 0.00
WHAVSTOR_138KV_BK127 55557	40.50 1.71 0.00	37.18 1.43 0.00	36.23 1.33 0.00	35.36 1.26 0.00	36.27 1.29 0.00	39.49 1.34 0.00	46.92 1.98 0.00	48.22 2.25 0.00	46.48 2.09 0.00	40.89 1.84 0.00	39.56 1.88 0.00	38.17 1.92 0.00	37.21 1.84 0.00	38.47 1.87 0.00	39.10 1.79 0.00	48.62 2.00 0.00	60.26 2.32 0.00	77.00 2.75 0.00	72.63 2.52 0.00	67.40 2.47 0.00	56.76 1.97 0.00	49.50 1.90 0.00	44.28 1.62 0.00	42.27 1.31 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.50 1.71 0.00	37.18 1.43 0.00	36.23 1.33 0.00	35.36 1.26 0.00	36.27 1.29 0.00	39.49 1.34 0.00	46.92 1.98 0.00	48.22 2.25 0.00	46.48 2.09 0.00	40.89 1.84 0.00	39.56 1.88 0.00	38.17 1.92 0.00	37.21 1.84 0.00	38.47 1.87 0.00	39.10 1.79 0.00	48.62 2.00 0.00	60.26 2.32 0.00	77.00 2.75 0.00	72.63 2.52 0.00	67.40 2.47 0.00	56.76 1.97 0.00	49.50 1.90 0.00	44.28 1.62 0.00	42.27 1.31 0.00
WHITEHAL_115KV_TB1 80871	40.57 1.78 0.00	37.36 1.61 0.00	36.37 1.47 0.00	35.63 1.53 0.00	36.44 1.47 0.00	40.02 1.87 0.00	46.96 2.02 0.00	48.13 2.16 0.00	46.08 1.69 0.00	40.19 1.13 0.00	38.58 0.90 0.00	36.75 0.51 0.00	35.62 0.25 0.00	37.08 0.48 0.00	37.79 0.49 0.00	47.83 1.21 0.00	60.03 2.09 0.00	77.08 2.82 0.00	72.98 2.87 0.00	67.99 3.05 0.00	57.03 2.25 0.00	49.35 1.76 0.00	44.36 1.71 0.00	42.55 1.60 0.00
WHITEPLN_13_KV_LOAD 356215	40.92 2.13 0.00	37.57 1.82 0.00	36.61 1.71 0.00	35.70 1.60 0.00	36.61 1.64 0.00	39.83 1.68 0.00	47.37 2.43 0.00	48.68 2.71 0.00	46.92 2.53 0.00	41.28 2.23 0.00	39.90 2.22 0.00	38.53 2.28 0.00	37.53 2.16 0.00	38.84 2.23 0.00	39.47 2.16 0.00	49.09 2.47 0.00	60.90 2.96 0.00	77.89 3.64 0.00	73.40 3.29 0.00	68.18 3.25 0.00	57.31 2.52 0.00	50.02 2.43 0.00	44.70 2.05 0.00	42.68 1.72 0.00
WM_FLOYD_69_KV_BK2 356380	41.35 2.56 0.00	37.68 1.93 0.00	36.58 1.68 0.00	35.63 1.53 0.00	36.61 1.64 0.00	39.87 1.72 0.00	47.50 2.56 0.00	49.01 3.03 0.00	47.41 3.02 0.00	41.40 2.34 0.00	40.12 2.45 0.00	38.74 2.50 0.00	37.77 2.41 0.00	39.17 2.56 0.00	39.88 2.57 0.00	50.02 3.40 0.00	61.88 3.94 0.00	79.82 5.57 0.00	75.36 5.26 0.00	69.93 5.00 0.00	58.40 3.62 0.00	51.35 3.76 0.00	45.85 3.20 0.00	43.50 2.54 0.00
WOODARD___115KV_TB2 355635	38.21 -0.58 0.00	35.28 -0.46 0.00	34.45 -0.45 0.00	33.72 -0.38 0.00	34.55 -0.42 0.00	37.65 -0.50 0.00	44.13 -0.81 0.00	45.01 -0.97 0.00	43.77 -0.62 0.00	38.55 -0.51 0.00	37.22 -0.45 0.00	35.88 -0.36 0.00	35.01 -0.35 0.00	36.13 -0.48 0.00	36.82 -0.48 0.00	45.92 -0.70 0.00	56.67 -1.27 0.00	72.84 -1.41 0.00	68.63 -1.47 0.00	63.51 -1.43 0.00	53.53 -1.26 0.00	46.54 -1.05 0.00	41.76 -0.90 0.00	40.06 -0.90 0.00
WOODMERE_69_KV_BK1 55827	41.39 2.60 0.00	37.82 2.07 0.00	36.75 1.85 0.00	35.83 1.74 0.00	36.79 1.82 0.00	40.06 1.91 0.00	47.73 2.79 0.00	49.19 3.22 0.00	47.50 3.11 0.00	41.63 2.58 0.00	40.35 2.67 0.00	38.89 2.65 0.00	37.91 2.55 0.00	39.28 2.67 0.00	39.96 2.65 0.00	49.93 3.31 0.00	61.65 3.71 0.00	79.16 4.90 0.00	74.66 4.56 0.00	69.35 4.42 0.00	58.13 3.34 0.00	50.97 3.38 0.00	45.60 2.94 0.00	43.33 2.38 0.00
YORK___WARBASSE 23770	41.36 2.56 -0.01	37.97 2.22 -0.01	36.97 2.06 -0.01	36.11 2.01 -0.01	37.01 2.03 -0.01	40.21 2.06 0.00	47.59 2.65 0.00	48.87 2.90 0.00	47.01 2.62 0.00	41.44 2.38 0.00	40.06 2.37 -0.02	38.72 2.46 -0.02	37.75 2.37 -0.02	39.07 2.45 -0.02	39.71 2.39 -0.02	49.14 2.52 0.00	60.37 2.43 0.00	77.29 3.04 0.01	72.90 2.80 0.01	67.59 2.66 0.01	56.98 2.19 0.00	50.16 2.57 0.00	45.13 2.47 0.00	43.09 2.13 0.00