

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion									
Generator Data		12/22/2023																									
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	40.69	38.10	36.53	36.42	37.29	42.16	52.18	60.10	51.04	46.78	42.75	39.65	38.65	38.82	39.97	44.59	49.97	60.03	55.41	46.79	44.88	42.16	39.28	37.45		
		2.01	1.88	1.74	1.80	1.77	2.12	3.28	4.30	3.47	3.22	2.80	2.56	2.56	2.61	2.51	2.92	3.53	4.35	3.91	3.14	2.78	2.72	2.50	2.22		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
74TH STREET_GT_1 24260	EST	40.77	38.18	36.63	36.46	37.32	42.20	52.23	60.09	51.08	46.74	42.75	39.68	38.65	38.85	39.97	44.63	49.97	60.19	55.46	46.83	44.97	42.12	39.42	37.52		
		2.09	1.96	1.84	1.84	1.81	2.16	3.33	4.30	3.52	3.18	2.80	2.60	2.56	2.64	2.51	2.96	3.53	4.51	3.97	3.19	2.86	2.68	2.65	2.29		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
74TH STREET_GT_2 24261	EST	40.77	38.18	36.63	36.46	37.32	42.20	52.23	60.09	51.08	46.74	42.75	39.68	38.65	38.85	39.97	44.63	49.97	60.19	55.46	46.83	44.97	42.12	39.42	37.52		
		2.09	1.96	1.84	1.84	1.81	2.16	3.33	4.30	3.52	3.18	2.80	2.60	2.56	2.64	2.51	2.96	3.53	4.51	3.97	3.19	2.86	2.68	2.65	2.29		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK HUDSON___FALLS 24011	EST	40.58	37.96	36.49	36.36	37.25	42.24	52.38	60.04	50.99	46.13	42.03	38.83	37.68	37.77	39.22	44.00	49.50	59.64	55.00	46.48	44.54	41.65	38.84	37.03		
		1.90	1.74	1.70	1.73	1.74	2.20	3.47	4.24	3.42	2.57	2.08	1.74	1.59	1.56	1.76	2.33	3.06	3.95	3.50	2.84	2.44	2.21	2.06	1.80		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	40.77	38.14	36.67	36.53	37.47	42.48	52.77	60.49	51.37	46.52	42.31	39.02	37.86	37.95	39.41	44.26	49.83	59.91	55.36	46.74	44.80	41.89	38.98	37.21		
		2.09	1.92	1.88	1.90	1.95	2.44	3.86	4.69	3.81	2.96	2.36	1.93	1.77	1.74	1.95	2.58	3.39	4.23	3.86	3.10	2.70	2.45	2.21	1.97		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK S GLENS___FALLS 24028	EST	40.58	37.96	36.49	36.36	37.25	42.24	52.38	60.04	50.99	46.13	42.03	38.83	37.68	37.77	39.22	44.00	49.50	59.64	55.00	46.48	44.54	41.65	38.84	37.03		
		1.90	1.74	1.70	1.73	1.74	2.20	3.47	4.24	3.42	2.57	2.08	1.74	1.59	1.56	1.76	2.33	3.06	3.95	3.50	2.84	2.44	2.21	2.06	1.80		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	40.43	37.81	36.36	36.22	37.22	42.04	51.94	59.37	50.42	45.60	41.67	38.72	37.67	37.84	39.22	43.88	49.23	59.02	54.64	46.22	44.42	41.61	38.87	37.17		
		1.74	1.59	1.57	1.59	1.70	2.00	3.03	3.57	2.85	2.05	1.72	1.63	1.59	1.63	1.76	2.21	2.79	3.34	3.14	2.57	2.31	2.17	2.10	1.94		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	39.03	36.55	35.10	34.97	35.83	40.48	49.88	56.97	48.47	44.08	40.27	37.38	36.38	36.53	37.80	42.21	47.32	56.80	52.42	44.39	42.69	39.96	37.37	35.73		
		0.35	0.33	0.31	0.35	0.32	0.44	0.98	1.17	0.90	0.52	0.32	0.30	0.29	0.33	0.34	0.54	0.88	1.11	0.93	0.74	0.59	0.51	0.59	0.49		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	39.07	36.55	35.10	34.94	35.83	40.28	48.66	55.46	47.47	43.73	40.23	37.50	36.52	36.61	37.84	41.88	46.16	55.18	51.24	43.69	42.40	39.68	37.03	35.44		
		0.39	0.33	0.31	0.31	0.32	0.24	-0.24	-0.33	-0.10	0.17	0.28	0.41	0.43	0.40	0.37	0.21	-0.28	-0.50	-0.26	0.04	0.29	0.24	0.26	0.21		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	40.04	37.52	36.04	35.87	36.76	41.48	51.11	58.31	49.52	45.04	41.07	38.05	36.99	37.15	38.47	43.04	48.30	57.91	53.56	45.34	43.62	40.86	38.14	36.57		
		1.35	1.30	1.25	1.24	1.24	1.44	2.20	2.51	1.95	1.48	1.12	0.96	0.90	0.94	1.01	1.37	1.86	2.23	2.06	1.70	1.51	1.42	1.36	1.34		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	40.04	37.49	36.04	35.87	36.76	41.48	51.11	58.25	49.52	44.99	41.07	38.05	36.99	37.11	38.47	43.04	48.30	57.91	53.56	45.34	43.62	40.86	38.14	36.54		
		1.35	1.27	1.25	1.24	1.24	1.44	2.20	2.45	1.95	1.44	1.12	0.96	0.90	0.91	1.01	1.37	1.86	2.23	2.06	1.70	1.51	1.42	1.36	1.30		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	39.03	36.55	35.10	34.97	35.83	40.48	49.88	56.97	48.47	44.08	40.27	37.38	36.38	36.53	37.80	42.21	47.32	56.80	52.42	44.39	42.69	39.96	37.37	35.73		
		0.35	0.33	0.31	0.35	0.32	0.44	0.98	1.17	0.90	0.52	0.32	0.30	0.29	0.33	0.34	0.54	0.88	1.11	0.93	0.74	0.59	0.51	0.59	0.49		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.03 0.35 0.00	36.55 0.33 0.00	35.10 0.31 0.00	34.97 0.35 0.00	35.83 0.32 0.00	40.48 0.44 0.00	49.88 0.98 0.00	56.97 1.17 0.00	48.47 0.90 0.00	44.08 0.52 0.00	40.27 0.32 0.00	37.38 0.30 0.00	36.38 0.29 0.00	36.53 0.33 0.00	37.80 0.34 0.00	42.21 0.54 0.00	47.32 0.88 0.00	56.80 1.11 0.00	52.42 0.93 0.00	44.39 0.74 0.00	42.69 0.59 0.00	39.96 0.51 0.00	37.37 0.59 0.00	35.73 0.49 0.00
ALBANY___3 23573	39.03 0.35 0.00	36.55 0.33 0.00	35.10 0.31 0.00	34.97 0.35 0.00	35.83 0.32 0.00	40.48 0.44 0.00	49.88 0.98 0.00	56.97 1.17 0.00	48.47 0.90 0.00	44.08 0.52 0.00	40.27 0.32 0.00	37.38 0.30 0.00	36.38 0.29 0.00	36.53 0.33 0.00	37.80 0.34 0.00	42.21 0.54 0.00	47.32 0.88 0.00	56.80 1.11 0.00	52.42 0.93 0.00	44.39 0.74 0.00	42.69 0.59 0.00	39.96 0.51 0.00	37.37 0.59 0.00	35.73 0.49 0.00
ALBANY___4 23574	39.03 0.35 0.00	36.55 0.33 0.00	35.10 0.31 0.00	34.97 0.35 0.00	35.83 0.32 0.00	40.48 0.44 0.00	49.88 0.98 0.00	56.97 1.17 0.00	48.47 0.90 0.00	44.08 0.52 0.00	40.27 0.32 0.00	37.38 0.30 0.00	36.38 0.29 0.00	36.53 0.33 0.00	37.80 0.34 0.00	42.21 0.54 0.00	47.32 0.88 0.00	56.80 1.11 0.00	52.42 0.93 0.00	44.39 0.74 0.00	42.69 0.59 0.00	39.96 0.51 0.00	37.37 0.59 0.00	35.73 0.49 0.00
ALBANY___LFGE 323615	39.46 0.77 0.00	36.94 0.72 0.00	35.48 0.70 0.00	35.35 0.73 0.00	36.22 0.71 0.00	40.92 0.88 0.00	50.47 1.56 0.00	57.70 1.90 0.00	49.09 1.52 0.00	44.65 1.09 0.00	40.75 0.80 0.00	37.76 0.67 0.00	36.74 0.65 0.00	36.90 0.69 0.00	38.17 0.71 0.00	42.71 1.04 0.00	47.83 1.39 0.00	57.35 1.67 0.00	53.04 1.54 0.00	44.86 1.22 0.00	43.16 1.05 0.00	40.43 0.99 0.00	37.73 0.95 0.00	36.11 0.88 0.00
ALCOA_PA_115KV_PL-6C 55860	39.30 0.62 0.00	36.76 0.54 0.00	35.28 0.49 0.00	35.14 0.52 0.00	36.05 0.53 0.00	40.36 0.32 0.00	48.81 -0.10 0.00	55.69 -0.11 0.00	47.61 0.05 0.00	43.90 0.35 0.00	40.35 0.40 0.00	37.76 0.67 0.00	36.74 0.65 0.00	36.82 0.62 0.00	38.10 0.64 0.00	42.00 0.33 0.00	46.30 -0.14 0.00	55.40 -0.28 0.00	51.39 -0.10 0.00	43.82 0.17 0.00	42.57 0.46 0.00	39.84 0.39 0.00	37.25 0.48 0.00	35.66 0.42 0.00
ALCOA_RYNLDS___DRP 24188	39.30 0.62 0.00	36.76 0.54 0.00	35.28 0.49 0.00	35.14 0.52 0.00	36.05 0.53 0.00	40.36 0.32 0.00	48.81 -0.10 0.00	55.69 -0.11 0.00	47.61 0.05 0.00	43.90 0.35 0.00	40.35 0.40 0.00	37.76 0.67 0.00	36.74 0.65 0.00	36.82 0.62 0.00	38.10 0.64 0.00	42.00 0.33 0.00	46.30 -0.14 0.00	55.40 -0.28 0.00	51.39 -0.10 0.00	43.82 0.17 0.00	42.57 0.46 0.00	39.84 0.39 0.00	37.25 0.48 0.00	35.66 0.42 0.00
ALCOA___DSASP 323711	39.30 0.62 0.00	36.76 0.54 0.00	35.28 0.49 0.00	35.14 0.52 0.00	36.05 0.53 0.00	40.36 0.32 0.00	48.81 -0.10 0.00	55.69 -0.11 0.00	47.61 0.05 0.00	43.86 0.31 0.00	40.35 0.40 0.00	37.76 0.67 0.00	36.74 0.65 0.00	36.82 0.61 0.00	38.10 0.64 0.00	42.00 0.33 0.00	46.30 -0.14 0.00	55.63 -0.06 0.00	51.39 -0.10 0.00	43.82 0.18 0.00	42.57 0.46 0.00	39.84 0.39 0.00	37.25 0.48 0.00	35.66 0.42 0.00
ALLEGHENY___COGEN 23514	40.00 1.32 0.00	37.38 1.16 0.00	35.94 1.15 0.00	35.63 1.00 0.00	36.65 1.14 0.00	41.40 1.36 0.00	50.66 1.76 0.00	58.03 2.23 0.00	49.37 1.81 0.00	44.69 1.13 0.00	40.63 0.68 0.00	37.42 0.33 0.00	36.45 0.36 0.00	36.39 0.18 0.00	38.02 0.56 0.00	41.34 -0.33 0.00	47.37 0.93 0.00	56.74 1.06 0.00	52.63 1.13 0.00	43.91 0.26 0.00	41.85 -0.25 0.00	39.13 -0.32 0.00	36.41 -0.37 0.00	35.27 0.04 0.00
ALTAMONT_115KV_TB 2 55880	39.50 0.81 0.00	37.02 0.80 0.00	35.55 0.77 0.00	35.39 0.76 0.00	36.29 0.78 0.00	40.96 0.92 0.00	50.47 1.56 0.00	57.64 1.84 0.00	49.04 1.47 0.00	44.65 1.09 0.00	40.83 0.88 0.00	37.90 0.82 0.00	36.88 0.79 0.00	37.01 0.80 0.00	38.29 0.82 0.00	42.75 1.08 0.00	47.88 1.44 0.00	57.52 1.84 0.00	53.09 1.60 0.00	44.95 1.31 0.00	43.24 1.14 0.00	40.51 1.06 0.00	37.81 1.03 0.00	36.18 0.95 0.00
ALTONA_WT_PWR 323606	40.00 1.32 0.00	37.45 1.23 0.00	35.94 1.15 0.00	35.77 1.14 0.00	36.72 1.21 0.00	41.28 1.24 0.00	49.93 1.03 0.00	57.02 1.23 0.00	48.80 1.23 0.00	44.86 1.31 0.00	41.27 1.32 0.00	38.50 1.41 0.00	37.46 1.37 0.00	37.51 1.30 0.00	38.77 1.31 0.00	42.92 1.25 0.00	47.32 0.88 0.00	56.96 1.28 0.00	52.63 1.13 0.00	44.86 1.22 0.00	43.49 1.39 0.00	40.70 1.26 0.00	37.84 1.07 0.00	36.22 0.99 0.00
AMERICAN_REF_FUEL 24010	35.01 -3.68 0.00	33.00 -3.22 0.00	31.69 -3.10 0.00	31.51 -3.12 0.00	32.28 -3.23 0.00	36.12 -3.92 0.00	43.38 -5.53 0.00	48.66 -7.14 0.00	41.67 -5.90 0.00	38.07 -5.49 0.00	35.12 -4.84 0.00	32.71 -4.38 0.00	31.87 -4.22 0.00	31.79 -4.42 0.00	33.08 -4.38 0.00	36.42 -5.25 0.00	41.66 -4.78 0.00	49.22 -6.46 0.00	46.03 -5.46 0.00	38.23 -5.41 0.00	36.29 -5.81 0.00	34.16 -5.28 0.00	32.03 -4.74 0.00	31.68 -3.56 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.06 -1.62 0.00	34.81 -1.41 0.00	33.40 -1.39 0.00	33.20 -1.42 0.00	34.13 -1.39 0.00	38.24 -1.80 0.00	46.17 -2.74 0.00	52.23 -3.57 0.00	44.66 -2.90 0.00	40.77 -2.79 0.00	37.51 -2.44 0.00	34.98 -2.11 0.00	34.07 -2.02 0.00	33.96 -2.25 0.00	35.36 -2.10 0.00	39.05 -2.62 0.00	44.58 -1.86 0.00	52.78 -2.90 0.00	49.07 -2.42 0.00	40.72 -2.92 0.00	38.52 -3.58 0.00	36.25 -3.19 0.00	33.76 -3.01 0.00	33.23 -2.01 0.00
ARTHUR KILL_GT_1 23520	41.01 2.32 -0.01	38.36 2.14 0.00	36.77 1.98 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.16 2.12 0.00	52.18 3.28 0.00	59.99 4.19 0.00	50.84 3.28 0.00	46.66 3.09 -0.01	49.50 2.64 -6.92	39.49 2.41 0.01	40.60 2.42 -2.10	40.28 2.50 -1.57	39.78 2.32 0.01	44.64 2.79 -0.18	49.87 3.44 0.01	59.90 4.23 0.01	55.35 3.86 0.01	46.64 3.01 0.01	44.76 2.65 0.00	42.14 2.68 -0.01	39.47 2.68 -0.01	37.70 2.47 0.00
ARTHUR_KILL_2 23512	40.90 2.20 -0.01	38.25 2.03 0.00	36.67 1.88 0.00	36.49 1.87 0.00	37.36 1.85 0.00	42.04 2.00 0.00	51.99 3.08 0.00	59.76 3.96 0.00	50.65 3.09 0.00	46.53 2.96 -0.01	49.39 2.52 -6.92	39.38 2.30 0.01	40.50 2.31 -2.10	40.17 2.39 -1.57	39.66 2.21 0.01	44.52 2.67 -0.18	49.68 3.25 0.01	59.69 4.01 0.01	55.14 3.66 0.01	46.52 2.88 0.01	44.63 2.53 0.00	42.02 2.56 -0.01	39.36 2.57 -0.01	37.59 2.36 0.00
ARTHUR_KILL_3 23513	40.31 1.62 0.00	37.74 1.52 0.00	36.25 1.46 0.00	36.11 1.49 0.00	36.94 1.42 0.00	41.76 1.72 0.00	51.64 2.74 0.00	59.42 3.62 0.00	50.47 2.90 0.00	46.30 2.75 0.00	49.23 2.36 -6.93	39.31 2.23 0.00	40.39 2.20 -2.10	40.07 2.28 -1.58	39.60 2.13 0.00	44.35 2.50 -0.18	49.41 2.97 0.00	59.41 3.73 0.00	54.84 3.35 0.00	46.31 2.66 0.00	44.46 2.36 0.00	41.81 2.37 -0.01	38.99 2.21 -0.01	37.13 1.90 0.00

ARTHUR_KILL_COGEN 323718	41.01 2.32 -0.01	38.36 2.14 0.00	36.77 1.98 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.16 2.12 0.00	52.18 3.28 0.00	59.99 4.19 0.00	50.84 3.28 0.00	46.66 3.09 -0.01	49.50 2.64 -6.92	39.49 2.41 0.01	40.60 2.42 -2.10	40.28 2.50 -1.57	39.78 2.32 0.01	44.64 2.79 -0.18	49.87 3.44 0.01	59.90 4.23 0.01	55.35 3.86 0.01	46.64 3.01 0.01	44.76 2.65 0.00	42.14 2.68 -0.01	39.47 2.68 -0.01	37.70 2.47 0.00
ASHOKAN____ 23654	40.89 2.20 0.00	38.28 2.06 0.00	36.77 1.98 0.00	36.56 1.94 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.47 3.57 0.00	59.48 3.68 0.00	50.32 2.76 0.00	45.65 2.09 0.00	41.31 1.36 0.00	38.05 0.96 0.00	36.70 0.61 0.00	37.00 0.80 0.00	38.29 0.82 0.00	43.21 1.54 0.00	49.13 2.69 0.00	59.08 3.40 0.00	54.48 2.99 0.00	46.17 2.53 0.00	44.42 2.31 0.00	41.57 2.13 0.00	38.69 1.91 0.00	37.13 1.90 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.74 2.05 -0.01	38.17 1.95 0.00	36.60 1.81 0.00	36.42 1.80 0.00	37.29 1.77 0.00	41.96 1.92 0.00	51.78 2.88 0.01	59.69 3.90 0.01	50.79 3.24 0.01	46.55 3.00 0.01	42.50 2.56 0.01	39.46 2.38 0.01	38.46 2.38 0.01	38.66 2.46 0.01	39.78 2.32 0.01	44.37 2.71 0.01	49.73 3.30 0.01	59.74 4.06 0.01	55.20 3.71 0.01	46.56 2.92 0.01	44.62 2.53 0.01	41.88 2.45 0.01	39.13 2.36 0.00	37.49 2.26 0.00
ASTORIA_EAST_ENERGY_CC2 323582	40.74 2.05 -0.01	38.17 1.95 0.00	36.60 1.81 0.00	36.42 1.80 0.00	37.29 1.77 0.00	41.96 1.92 0.00	51.78 2.88 0.01	59.69 3.90 0.01	50.79 3.24 0.01	46.55 3.00 0.01	42.54 2.60 0.01	39.46 2.38 0.01	38.46 2.38 0.01	38.66 2.46 0.01	39.78 2.32 0.01	44.37 2.71 0.01	49.73 3.30 0.01	59.74 4.06 0.01	55.20 3.71 0.01	46.56 2.92 0.01	44.62 2.53 0.01	41.88 2.45 0.01	39.13 2.36 0.00	37.49 2.26 0.00
ASTORIA_GT2_1 24094	40.78 2.09 -0.01	38.21 1.99 0.00	36.63 1.84 0.00	36.46 1.84 0.00	37.32 1.81 0.00	41.96 1.92 0.00	51.84 2.93 0.00	59.76 3.96 0.00	50.85 3.28 0.00	46.51 2.96 0.01	42.55 2.60 0.00	39.50 2.41 0.00	38.51 2.42 0.00	38.67 2.46 0.00	39.82 2.36 0.00	44.42 2.75 0.00	49.69 3.25 0.00	59.91 4.23 0.00	55.20 3.71 0.00	46.57 2.92 0.00	44.71 2.61 0.00	41.85 2.41 0.00	39.28 2.50 0.00	37.49 2.25 0.00
ASTORIA_GT2_2 24095	40.78 2.09 -0.01	38.21 1.99 0.00	36.63 1.84 0.00	36.46 1.84 0.00	37.32 1.81 0.00	41.96 1.92 0.00	51.84 2.93 0.00	59.76 3.96 0.00	50.85 3.28 0.00	46.51 2.96 0.01	42.55 2.60 0.00	39.50 2.41 0.00	38.51 2.42 0.00	38.67 2.46 0.00	39.82 2.36 0.00	44.42 2.75 0.00	49.69 3.25 0.00	59.91 4.23 0.00	55.20 3.71 0.00	46.57 2.92 0.00	44.71 2.61 0.00	41.85 2.41 0.00	39.28 2.50 0.00	37.49 2.25 0.00
ASTORIA_GT2_3 24096	40.78 2.09 -0.01	38.21 1.99 0.00	36.63 1.84 0.00	36.46 1.84 0.00	37.32 1.81 0.00	41.96 1.92 0.00	51.84 2.93 0.00	59.76 3.96 0.00	50.85 3.28 0.00	46.51 2.96 0.01	42.55 2.60 0.00	39.50 2.41 0.00	38.51 2.42 0.00	38.67 2.46 0.00	39.82 2.36 0.00	44.42 2.75 0.00	49.69 3.25 0.00	59.91 4.23 0.00	55.20 3.71 0.00	46.57 2.92 0.00	44.71 2.61 0.00	41.85 2.41 0.00	39.28 2.50 0.00	37.49 2.25 0.00
ASTORIA_GT2_4 24097	40.78 2.09 -0.01	38.21 1.99 0.00	36.63 1.84 0.00	36.46 1.84 0.00	37.32 1.81 0.00	41.96 1.92 0.00	51.84 2.93 0.00	59.76 3.96 0.00	50.85 3.28 0.00	46.51 2.96 0.01	42.55 2.60 0.00	39.50 2.41 0.00	38.51 2.42 0.00	38.67 2.46 0.00	39.82 2.36 0.00	44.42 2.75 0.00	49.69 3.25 0.00	59.91 4.23 0.00	55.20 3.71 0.00	46.57 2.92 0.00	44.71 2.61 0.00	41.85 2.41 0.00	39.28 2.50 0.00	37.49 2.25 0.00
ASTORIA_GT3_1 24098	40.78 2.09 -0.01	38.21 1.99 0.00	36.63 1.84 0.00	36.46 1.84 0.00	37.32 1.81 0.00	41.96 1.92 0.00	51.84 2.93 0.00	59.76 3.96 0.00	50.85 3.28 0.00	46.51 2.96 0.01	42.55 2.60 0.00	39.50 2.41 0.00	38.51 2.42 0.00	38.67 2.46 0.00	39.82 2.36 0.00	44.42 2.75 0.00	49.69 3.25 0.00	59.91 4.23 0.00	55.20 3.71 0.00	46.57 2.92 0.00	44.71 2.61 0.00	41.85 2.41 0.00	39.28 2.50 0.00	37.49 2.25 0.00
ASTORIA_GT3_2 24099	40.78 2.09 -0.01	38.21 1.99 0.00	36.63 1.84 0.00	36.46 1.84 0.00	37.32 1.81 0.00	41.96 1.92 0.00	51.84 2.93 0.00	59.76 3.96 0.00	50.85 3.28 0.00	46.51 2.96 0.01	42.55 2.60 0.00	39.50 2.41 0.00	38.51 2.42 0.00	38.67 2.46 0.00	39.82 2.36 0.00	44.42 2.75 0.00	49.69 3.25 0.00	59.91 4.23 0.00	55.20 3.71 0.00	46.57 2.92 0.00	44.71 2.61 0.00	41.85 2.41 0.00	39.28 2.50 0.00	37.49 2.25 0.00
ASTORIA_GT3_3 24100	40.78 2.09 -0.01	38.21 1.99 0.00	36.63 1.84 0.00	36.46 1.84 0.00	37.32 1.81 0.00	41.96 1.92 0.00	51.84 2.93 0.00	59.76 3.96 0.00	50.85 3.28 0.00	46.51 2.96 0.01	42.55 2.60 0.00	39.50 2.41 0.00	38.51 2.42 0.00	38.67 2.46 0.00	39.82 2.36 0.00	44.42 2.75 0.00	49.69 3.25 0.00	59.91 4.23 0.00	55.20 3.71 0.00	46.57 2.92 0.00	44.71 2.61 0.00	41.85 2.41 0.00	39.28 2.50 0.00	37.49 2.25 0.00
ASTORIA_GT3_4 24101	40.78 2.09 -0.01	38.21 1.99 0.00	36.63 1.84 0.00	36.46 1.84 0.00	37.32 1.81 0.00	41.96 1.92 0.00	51.84 2.93 0.00	59.76 3.96 0.00	50.85 3.28 0.00	46.51 2.96 0.01	42.55 2.60 0.00	39.50 2.41 0.00	38.51 2.42 0.00	38.67 2.46 0.00	39.82 2.36 0.00	44.42 2.75 0.00	49.69 3.25 0.00	59.91 4.23 0.00	55.20 3.71 0.00	46.57 2.92 0.00	44.71 2.61 0.00	41.85 2.41 0.00	39.28 2.50 0.00	37.49 2.25 0.00
ASTORIA_GT4_1 24102	40.78 2.09 -0.01	38.21 1.99 0.00	36.63 1.84 0.00	36.46 1.84 0.00	37.32 1.81 0.00	41.96 1.92 0.00	51.84 2.93 0.00	59.76 3.96 0.00	50.85 3.28 0.00	46.51 2.96 0.01	42.55 2.60 0.00	39.50 2.41 0.00	38.51 2.42 0.00	38.67 2.46 0.00	39.82 2.36 0.00	44.42 2.75 0.00	49.69 3.25 0.00	59.91 4.23 0.00	55.20 3.71 0.00	46.57 2.92 0.00	44.71 2.61 0.00	41.85 2.41 0.00	39.28 2.50 0.00	37.49 2.25 0.00
ASTORIA_GT4_2 24103	40.78 2.09 -0.01	38.21 1.99 0.00	36.63 1.84 0.00	36.46 1.84 0.00	37.32 1.81 0.00	41.96 1.92 0.00	51.84 2.93 0.00	59.76 3.96 0.00	50.85 3.28 0.00	46.51 2.96 0.01	42.55 2.60 0.00	39.50 2.41 0.00	38.51 2.42 0.00	38.67 2.46 0.00	39.82 2.36 0.00	44.42 2.75 0.00	49.69 3.25 0.00	59.91 4.23 0.00	55.20 3.71 0.00	46.57 2.92 0.00	44.71 2.61 0.00	41.85 2.41 0.00	39.28 2.50 0.00	37.49 2.25 0.00
ASTORIA_GT4_3 24104	40.78 2.09 -0.01	38.21 1.99 0.00	36.63 1.84 0.00	36.46 1.84 0.00	37.32 1.81 0.00	41.96 1.92 0.00	51.84 2.93 0.00	59.76 3.96 0.00	50.85 3.28 0.00	46.51 2.96 0.01	42.55 2.60 0.00	39.50 2.41 0.00	38.51 2.42 0.00	38.67 2.46 0.00	39.82 2.36 0.00	44.42 2.75 0.00	49.69 3.25 0.00	59.91 4.23 0.00	55.20 3.71 0.00	46.57 2.92 0.00	44.71 2.61 0.00	41.85 2.41 0.00	39.28 2.50 0.00	37.49 2.25 0.00

ASTORIA_GT4_4 24105	40.78 2.09 -0.01	38.21 1.99 0.00	36.63 1.84 0.00	36.46 1.84 0.00	37.32 1.81 0.00	41.96 1.92 0.00	51.84 2.93 0.00	59.76 3.96 0.00	50.85 3.28 0.00	46.51 2.96 0.01	42.55 2.60 0.00	39.50 2.41 0.00	38.51 2.42 0.00	38.67 2.46 0.00	39.82 2.36 0.00	44.42 2.75 0.00	49.69 3.25 0.00	59.91 4.23 0.00	55.20 3.71 0.00	46.57 2.92 0.00	44.71 2.61 0.00	41.85 2.41 0.00	39.28 2.50 0.00	37.49 2.25 0.00
ASTORIA_GT_1 23523	40.82 2.13 -0.01	38.25 2.03 0.00	36.70 1.91 0.00	36.49 1.87 0.00	37.36 1.85 0.00	42.04 2.00 0.00	51.93 3.03 0.01	59.81 4.02 0.01	50.93 3.38 0.01	46.69 3.14 0.01	42.62 2.68 0.01	39.57 2.49 0.01	38.57 2.49 0.01	38.73 2.53 0.01	39.89 2.43 0.01	44.50 2.84 0.01	49.87 3.44 0.01	59.90 4.23 0.01	55.30 3.81 0.01	46.64 3.01 0.01	44.75 2.65 0.01	41.96 2.53 0.01	39.24 2.46 0.00	37.56 2.32 0.00
ASTORIA_GT_10 24110	40.82 2.13 -0.01	38.25 2.03 0.00	36.67 1.88 0.00	36.49 1.87 0.00	37.36 1.85 0.00	42.16 2.12 0.00	52.13 3.23 0.00	60.04 4.24 0.00	50.99 3.42 0.00	46.70 3.14 -0.01	42.67 2.72 0.00	39.61 2.52 0.00	38.62 2.53 0.00	38.78 2.57 0.00	39.93 2.47 0.00	44.55 2.88 0.00	49.88 3.44 0.00	60.08 4.40 0.00	55.36 3.86 0.00	46.70 3.06 0.00	44.84 2.74 0.00	42.05 2.60 0.00	39.39 2.61 0.00	37.52 2.29 0.00
ASTORIA_GT_11 24225	40.82 2.13 -0.01	38.25 2.03 0.00	36.67 1.88 0.00	36.49 1.87 0.00	37.36 1.85 0.00	42.16 2.12 0.00	52.13 3.23 0.00	60.04 4.24 0.00	50.99 3.42 0.00	46.70 3.14 -0.01	42.67 2.72 0.00	39.61 2.52 0.00	38.62 2.53 0.00	38.78 2.57 0.00	39.93 2.47 0.00	44.55 2.88 0.00	49.88 3.44 0.00	60.08 4.40 0.00	55.36 3.86 0.00	46.70 3.06 0.00	44.84 2.74 0.00	42.05 2.60 0.00	39.39 2.61 0.00	37.52 2.29 0.00
ASTORIA_GT_12 24226	40.82 2.13 -0.01	38.25 2.03 0.00	36.67 1.88 0.00	36.49 1.87 0.00	37.36 1.85 0.00	42.16 2.12 0.00	52.13 3.23 0.00	60.04 4.24 0.00	50.99 3.42 0.00	46.70 3.14 -0.01	42.67 2.72 0.00	39.61 2.52 0.00	38.62 2.53 0.00	38.78 2.57 0.00	39.93 2.47 0.00	44.55 2.88 0.00	49.88 3.44 0.00	60.08 4.40 0.00	55.36 3.86 0.00	46.70 3.06 0.00	44.84 2.74 0.00	42.05 2.60 0.00	39.39 2.61 0.00	37.52 2.29 0.00
ASTORIA_GT_13 24227	40.82 2.13 -0.01	38.25 2.03 0.00	36.67 1.88 0.00	36.49 1.87 0.00	37.36 1.85 0.00	42.16 2.12 0.00	52.13 3.23 0.00	60.04 4.24 0.00	50.99 3.42 0.00	46.70 3.14 -0.01	42.67 2.72 0.00	39.61 2.52 0.00	38.62 2.53 0.00	38.78 2.57 0.00	39.93 2.47 0.00	44.55 2.88 0.00	49.88 3.44 0.00	60.08 4.40 0.00	55.36 3.86 0.00	46.70 3.06 0.00	44.84 2.74 0.00	42.05 2.60 0.00	39.39 2.61 0.00	37.52 2.29 0.00
ASTORIA_GT_5 24106	40.82 2.13 -0.01	38.28 2.06 0.00	36.70 1.91 0.00	36.49 1.87 0.00	37.36 1.85 0.00	42.04 2.00 0.00	51.94 3.03 0.00	59.82 4.02 0.00	50.94 3.38 0.00	46.60 3.05 0.01	42.63 2.68 0.00	39.57 2.48 0.00	38.58 2.49 0.00	38.74 2.53 0.00	39.90 2.44 0.00	44.50 2.83 0.00	49.78 3.34 0.00	60.03 4.34 0.00	55.30 3.81 0.00	46.66 3.01 0.00	44.80 2.69 0.00	41.93 2.48 0.00	39.31 2.54 0.00	37.56 2.33 0.00
ASTORIA_GT_7 24107	40.82 2.13 -0.01	38.28 2.06 0.00	36.70 1.91 0.00	36.49 1.87 0.00	37.36 1.85 0.00	42.04 2.00 0.00	51.94 3.03 0.00	59.82 4.02 0.00	50.94 3.38 0.00	46.60 3.05 0.01	42.63 2.68 0.00	39.57 2.48 0.00	38.58 2.49 0.00	38.74 2.53 0.00	39.90 2.44 0.00	44.50 2.83 0.00	49.78 3.34 0.00	60.03 4.34 0.00	55.30 3.81 0.00	46.66 3.01 0.00	44.80 2.69 0.00	41.93 2.48 0.00	39.31 2.54 0.00	37.56 2.33 0.00
ASTORIA_GT_8 24108	40.82 2.13 -0.01	38.28 2.06 0.00	36.70 1.91 0.00	36.49 1.87 0.00	37.36 1.85 0.00	42.04 2.00 0.00	51.94 3.03 0.00	59.82 4.02 0.00	50.94 3.38 0.00	46.60 3.05 0.01	42.63 2.68 0.00	39.57 2.48 0.00	38.58 2.49 0.00	38.74 2.53 0.00	39.90 2.44 0.00	44.50 2.83 0.00	49.78 3.34 0.00	60.03 4.34 0.00	55.30 3.81 0.00	46.66 3.01 0.00	44.80 2.69 0.00	41.93 2.48 0.00	39.31 2.54 0.00	37.56 2.33 0.00
ASTORIA___2 24149	40.78 2.09 -0.01	38.21 1.99 0.00	36.63 1.84 0.00	36.46 1.83 0.00	37.32 1.81 0.00	41.96 1.92 0.00	51.83 2.93 0.01	59.69 3.90 0.01	50.84 3.28 0.01	46.60 3.05 0.01	42.54 2.60 0.01	39.49 2.41 0.01	38.50 2.42 0.01	38.66 2.46 0.01	39.82 2.36 0.01	44.41 2.75 0.01	49.73 3.30 0.01	59.79 4.12 0.01	55.20 3.71 0.01	46.56 2.92 0.01	44.66 2.57 0.01	41.92 2.49 0.01	39.17 2.39 0.00	37.49 2.26 0.00
ASTORIA___3 23516	40.82 2.13 -0.01	38.21 1.99 0.00	36.67 1.88 0.00	36.49 1.87 0.00	37.36 1.85 0.00	42.16 2.12 0.00	52.13 3.23 0.00	60.04 4.24 0.00	50.99 3.43 0.00	46.79 3.22 -0.01	42.67 2.72 0.00	39.61 2.52 0.00	38.61 2.53 0.00	38.78 2.57 0.00	39.90 2.43 0.00	44.54 2.87 0.00	49.92 3.48 0.00	59.97 4.29 0.00	55.36 3.86 0.00	46.70 3.05 0.00	44.80 2.70 0.00	42.09 2.64 0.00	39.31 2.54 0.00	37.52 2.29 0.00
ASTORIA___4 23517	40.82 2.13 -0.01	38.25 2.03 0.00	36.67 1.88 0.00	36.49 1.87 0.00	37.36 1.85 0.00	42.16 2.12 0.00	52.13 3.23 0.00	60.04 4.24 0.00	50.99 3.42 0.00	46.70 3.14 -0.01	42.67 2.72 0.00	39.61 2.52 0.00	38.62 2.53 0.00	38.78 2.57 0.00	39.93 2.47 0.00	44.55 2.88 0.00	49.88 3.44 0.00	60.08 4.40 0.00	55.36 3.86 0.00	46.70 3.06 0.00	44.84 2.74 0.00	42.05 2.60 0.00	39.39 2.61 0.00	37.52 2.29 0.00
ASTORIA___5 23518	40.82 2.13 -0.01	38.21 1.99 0.00	36.67 1.88 0.00	36.49 1.87 0.00	37.36 1.85 0.00	42.16 2.12 0.00	52.13 3.23 0.00	60.04 4.24 0.00	50.99 3.43 0.00	46.79 3.22 -0.01	42.67 2.72 0.00	39.61 2.52 0.00	38.61 2.53 0.00	38.78 2.57 0.00	39.90 2.43 0.00	44.54 2.87 0.00	49.92 3.48 0.00	59.97 4.29 0.00	55.36 3.86 0.00	46.70 3.05 0.00	44.80 2.70 0.00	42.09 2.64 0.00	39.31 2.54 0.00	37.52 2.29 0.00
AST_ENERGY_2_CC3 323677	40.50 1.82 0.00	37.92 1.70 0.00	36.42 1.64 0.00	36.25 1.63 0.00	37.11 1.60 0.00	41.96 1.92 0.00	51.89 2.98 0.00	59.70 3.90 0.00	50.65 3.09 0.00	46.48 2.92 0.00	42.47 2.52 0.00	39.43 2.34 0.00	38.40 2.31 0.00	38.60 2.39 0.00	39.71 2.25 0.00	44.34 2.67 0.00	49.64 3.20 0.00	59.64 3.95 0.00	55.04 3.55 0.00	46.48 2.84 0.00	44.63 2.53 0.00	41.93 2.49 0.00	39.09 2.32 0.00	37.31 2.08 0.00
AST_ENERGY_2_CC4 323678	40.50 1.82 0.00	37.92 1.70 0.00	36.42 1.64 0.00	36.25 1.63 0.00	37.11 1.60 0.00	41.96 1.92 0.00	51.89 2.98 0.00	59.70 3.90 0.00	50.65 3.09 0.00	46.48 2.92 0.00	42.47 2.52 0.00	39.43 2.34 0.00	38.40 2.31 0.00	38.60 2.39 0.00	39.71 2.25 0.00	44.34 2.67 0.00	49.64 3.20 0.00	59.64 3.95 0.00	55.04 3.55 0.00	46.48 2.84 0.00	44.63 2.53 0.00	41.93 2.49 0.00	39.09 2.32 0.00	37.31 2.08 0.00

ATHENS_STG_1 23668	39.73 1.04 0.00	37.20 0.98 0.00	35.73 0.94 0.00	35.59 0.97 0.00	36.47 0.96 0.00	41.20 1.16 0.00	50.76 1.86 0.00	58.09 2.29 0.00	49.37 1.81 0.00	45.04 1.48 0.00	41.19 1.24 0.00	38.24 1.15 0.00	37.21 1.12 0.00	37.37 1.16 0.00	38.58 1.12 0.00	43.09 1.42 0.00	48.30 1.86 0.00	57.91 2.23 0.00	53.56 2.06 0.00	45.34 1.70 0.00	43.58 1.47 0.00	40.86 1.42 0.00	38.14 1.36 0.00	36.43 1.20 0.00
ATHENS_STG_2 23670	39.73 1.04 0.00	37.20 0.98 0.00	35.73 0.94 0.00	35.59 0.97 0.00	36.47 0.96 0.00	41.20 1.16 0.00	50.76 1.86 0.00	58.09 2.29 0.00	49.37 1.81 0.00	45.04 1.48 0.00	41.19 1.24 0.00	38.24 1.15 0.00	37.21 1.12 0.00	37.37 1.16 0.00	38.58 1.12 0.00	43.09 1.42 0.00	48.30 1.86 0.00	57.91 2.23 0.00	53.56 2.06 0.00	45.34 1.70 0.00	43.58 1.47 0.00	40.86 1.42 0.00	38.14 1.36 0.00	36.43 1.20 0.00
ATHENS_STG_3 23677	39.73 1.04 0.00	37.20 0.98 0.00	35.73 0.94 0.00	35.59 0.97 0.00	36.47 0.96 0.00	41.20 1.16 0.00	50.76 1.86 0.00	58.09 2.29 0.00	49.37 1.81 0.00	45.04 1.48 0.00	41.19 1.24 0.00	38.24 1.15 0.00	37.21 1.12 0.00	37.37 1.16 0.00	38.58 1.12 0.00	43.09 1.42 0.00	48.30 1.86 0.00	57.91 2.23 0.00	53.56 2.06 0.00	45.34 1.70 0.00	43.58 1.47 0.00	40.86 1.42 0.00	38.14 1.36 0.00	36.43 1.20 0.00
AUBURN___LFGE 323710	38.37 -0.31 0.00	35.93 -0.29 0.00	34.55 -0.24 0.00	34.31 -0.31 0.00	35.23 -0.28 0.00	39.84 -0.20 0.00	48.90 0.00 0.00	55.91 0.11 0.00	47.61 0.05 0.00	43.34 -0.22 0.00	39.63 -0.32 0.00	36.64 -0.45 0.00	35.66 -0.43 0.00	35.74 -0.47 0.00	37.05 -0.41 0.00	41.17 -0.50 0.00	46.39 -0.05 0.00	55.85 0.17 0.00	51.49 0.00 0.00	43.34 -0.31 0.00	41.55 -0.55 0.00	38.93 -0.51 0.00	36.15 -0.63 0.00	34.74 -0.49 0.00
BABYLON_RES_REC 323704	45.64 2.98 -3.97	41.00 2.75 -2.03	38.42 2.64 -0.99	38.61 2.67 -1.32	40.48 2.66 -2.30	46.60 3.16 -3.40	60.36 4.70 -6.76	77.91 5.80 -16.30	61.02 4.71 -8.74	52.89 4.14 -5.19	54.96 3.64 -11.37	50.64 3.34 -10.22	44.50 3.28 -5.13	47.27 3.33 -7.74	47.38 3.33 -6.59	52.42 3.88 -6.87	64.71 4.74 -13.53	82.13 5.85 -20.60	75.40 5.36 -18.55	72.67 4.32 -24.70	66.67 3.92 -20.65	58.76 3.75 -15.57	54.86 3.46 -14.63	48.95 3.13 -10.58
BABYLON__69_KV_BK2 356345	46.10 3.44 -3.97	41.48 3.22 -2.03	38.84 3.06 -0.99	39.03 3.08 -1.32	40.90 3.09 -2.30	47.12 3.68 -3.40	61.05 5.38 -6.76	78.80 6.70 -16.30	61.73 5.42 -8.74	53.45 4.70 -5.19	55.56 4.23 -11.37	51.16 3.86 -10.22	44.97 3.75 -5.13	47.75 3.80 -7.74	47.91 3.86 -6.59	52.96 4.42 -6.87	65.35 5.39 -13.53	83.02 6.74 -20.60	76.12 6.08 -18.55	73.36 5.02 -24.70	67.34 4.59 -20.65	59.28 4.26 -15.57	55.45 4.05 -14.63	49.41 3.59 -10.58
BALL_HILL_WT_PWR 323825	36.63 -2.05 0.00	34.45 -1.77 0.00	33.05 -1.74 0.00	32.86 -1.76 0.00	33.70 -1.81 0.00	37.76 -2.28 0.00	45.53 -3.37 0.00	51.39 -4.41 0.00	43.90 -3.66 0.00	40.11 -3.44 0.00	36.91 -3.04 0.00	34.34 -2.74 0.00	33.49 -2.60 0.00	33.38 -2.82 0.00	34.76 -2.70 0.00	38.38 -3.29 0.00	43.84 -2.60 0.00	51.95 -3.73 0.00	48.41 -3.09 0.00	40.28 -3.36 0.00	38.23 -3.87 0.00	35.97 -3.47 0.00	33.61 -3.16 0.00	33.08 -2.15 0.00
BARON_WINDS___WT_PWR 323822	39.11 0.43 0.00	36.62 0.40 0.00	35.21 0.42 0.00	34.97 0.35 0.00	35.90 0.39 0.00	40.52 0.48 0.00	49.54 0.63 0.00	56.52 0.72 0.00	48.09 0.52 0.00	43.73 0.17 0.00	39.91 -0.04 0.00	36.98 -0.11 0.00	36.02 -0.07 0.00	36.03 -0.18 0.00	37.42 -0.04 0.00	40.00 -1.67 0.00	45.46 -0.98 0.00	54.18 -1.50 0.00	50.31 -1.18 0.00	42.03 -1.61 0.00	40.08 -2.02 0.00	37.63 -1.81 0.00	35.09 -1.69 0.00	34.10 -1.13 0.00
BARRETT_IC_1 23704	44.90 2.24 -3.97	40.43 2.17 -2.03	37.83 2.05 -0.99	38.03 2.08 -1.32	39.87 2.06 -2.30	45.76 2.32 -3.40	59.13 3.47 -6.75	76.44 4.36 -16.29	59.77 3.47 -8.74	51.88 3.14 -5.18	54.07 2.75 -11.37	49.82 2.52 -10.21	43.74 2.53 -5.13	46.51 2.57 -7.73	46.55 2.51 -6.58	51.45 2.92 -6.86	63.48 3.53 -13.51	80.50 4.23 -20.59	73.89 3.86 -18.53	71.47 3.14 -24.68	65.56 2.82 -20.63	57.76 2.76 -15.56	54.01 2.61 -14.62	48.17 2.36 -10.58
BARRETT_IC_10 23701	44.90 2.24 -3.97	40.43 2.17 -2.03	37.83 2.05 -0.99	38.03 2.08 -1.32	39.87 2.06 -2.30	45.76 2.32 -3.40	59.13 3.47 -6.75	76.44 4.36 -16.29	59.77 3.47 -8.74	51.88 3.14 -5.18	54.07 2.75 -11.37	49.82 2.52 -10.21	43.74 2.53 -5.13	46.51 2.57 -7.73	46.55 2.51 -6.58	51.45 2.92 -6.86	63.48 3.53 -13.51	80.50 4.23 -20.59	73.89 3.86 -18.53	71.47 3.14 -24.68	65.56 2.82 -20.63	57.76 2.76 -15.56	54.01 2.61 -14.62	48.17 2.36 -10.58
BARRETT_IC_11 23702	44.90 2.24 -3.97	40.43 2.17 -2.03	37.83 2.05 -0.99	38.03 2.08 -1.32	39.87 2.06 -2.30	45.76 2.32 -3.40	59.13 3.47 -6.75	76.44 4.36 -16.29	59.77 3.47 -8.74	51.88 3.14 -5.18	54.07 2.75 -11.37	49.82 2.52 -10.21	43.74 2.53 -5.13	46.51 2.57 -7.73	46.55 2.51 -6.58	51.45 2.92 -6.86	63.48 3.53 -13.51	80.50 4.23 -20.59	73.89 3.86 -18.53	71.47 3.14 -24.68	65.56 2.82 -20.63	57.76 2.76 -15.56	54.01 2.61 -14.62	48.17 2.36 -10.58
BARRETT_IC_12 23703	44.90 2.24 -3.97	40.43 2.17 -2.03	37.83 2.05 -0.99	38.03 2.08 -1.32	39.87 2.06 -2.30	45.76 2.32 -3.40	59.13 3.47 -6.75	76.44 4.36 -16.29	59.77 3.47 -8.74	51.88 3.14 -5.18	54.07 2.75 -11.37	49.82 2.52 -10.21	43.74 2.53 -5.13	46.51 2.57 -7.73	46.55 2.51 -6.58	51.45 2.92 -6.86	63.48 3.53 -13.51	80.50 4.23 -20.59	73.89 3.86 -18.53	71.47 3.14 -24.68	65.56 2.82 -20.63	57.76 2.76 -15.56	54.01 2.61 -14.62	48.17 2.36 -10.58
BARRETT_IC_2 23705	44.90 2.24 -3.97	40.43 2.17 -2.03	37.83 2.05 -0.99	38.03 2.08 -1.32	39.87 2.06 -2.30	45.76 2.32 -3.40	59.13 3.47 -6.75	76.44 4.36 -16.29	59.77 3.47 -8.74	51.88 3.14 -5.18	54.07 2.75 -11.37	49.82 2.52 -10.21	43.74 2.53 -5.13	46.51 2.57 -7.73	46.55 2.51 -6.58	51.45 2.92 -6.86	63.48 3.53 -13.51	80.50 4.23 -20.59	73.89 3.86 -18.53	71.47 3.14 -24.68	65.56 2.82 -20.63	57.76 2.76 -15.56	54.01 2.61 -14.62	48.17 2.36 -10.58
BARRETT_IC_3 23706	44.90 2.24 -3.97	40.43 2.17 -2.03	37.83 2.05 -0.99	38.03 2.08 -1.32	39.87 2.06 -2.30	45.76 2.32 -3.40	59.13 3.47 -6.75	76.44 4.36 -16.29	59.77 3.47 -8.74	51.88 3.14 -5.18	54.07 2.75 -11.37	49.82 2.52 -10.21	43.74 2.53 -5.13	46.51 2.57 -7.73	46.55 2.51 -6.58	51.45 2.92 -6.86	63.48 3.53 -13.51	80.50 4.23 -20.59	73.89 3.86 -18.53	71.47 3.14 -24.68	65.56 2.82 -20.63	57.76 2.76 -15.56	54.01 2.61 -14.62	48.17 2.36 -10.58
BARRETT_IC_4 23707	44.90 2.24 -3.97	40.43 2.17 -2.03	37.83 2.05 -0.99	38.03 2.08 -1.32	39.87 2.06 -2.30	45.76 2.32 -3.40	59.13 3.47 -6.75	76.44 4.36 -16.29	59.77 3.47 -8.74	51.88 3.14 -5.18	54.07 2.75 -11.37	49.82 2.52 -10.21	43.74 2.53 -5.13	46.51 2.57 -7.73	46.55 2.51 -6.58	51.45 2.92 -6.86	63.48 3.53 -13.51	80.50 4.23 -20.59	73.89 3.86 -18.53	71.47 3.14 -24.68	65.56 2.82 -20.63	57.76 2.76 -15.56	54.01 2.61 -14.62	48.17 2.36 -10.58

BARRETT_IC_5 23708	44.90 2.24 -3.97	40.43 2.17 -2.03	37.83 2.05 -0.99	38.03 2.08 -1.32	39.87 2.06 -2.30	45.76 2.32 -3.40	59.13 3.47 -6.75	76.44 4.36 -16.29	59.77 3.47 -8.74	51.88 3.14 -5.18	54.07 2.75 -11.37	49.82 2.52 -10.21	43.74 2.53 -5.13	46.51 2.57 -7.73	46.55 2.51 -6.58	51.45 2.92 -6.86	63.48 3.53 -13.51	80.50 4.23 -20.59	73.89 3.86 -18.53	71.47 3.14 -24.68	65.56 2.82 -20.63	57.76 2.76 -15.56	54.01 2.61 -14.62	48.17 2.36 -10.58
BARRETT_IC_6 23709	44.90 2.24 -3.97	40.43 2.17 -2.03	37.83 2.05 -0.99	38.03 2.08 -1.32	39.87 2.06 -2.30	45.76 2.32 -3.40	59.13 3.47 -6.75	76.44 4.36 -16.29	59.77 3.47 -8.74	51.88 3.14 -5.18	54.07 2.75 -11.37	49.82 2.52 -10.21	43.74 2.53 -5.13	46.51 2.57 -7.73	46.55 2.51 -6.58	51.45 2.92 -6.86	63.48 3.53 -13.51	80.50 4.23 -20.59	73.89 3.86 -18.53	71.47 3.14 -24.68	65.56 2.82 -20.63	57.76 2.76 -15.56	54.01 2.61 -14.62	48.17 2.36 -10.58
BARRETT_IC_7 23710	44.90 2.24 -3.97	40.46 2.21 -2.03	37.83 2.05 -0.99	38.03 2.08 -1.32	39.87 2.06 -2.30	45.76 2.32 -3.40	59.13 3.47 -6.75	76.44 4.35 -16.29	59.77 3.47 -8.74	51.83 3.09 -5.18	54.07 2.76 -11.37	49.86 2.56 -10.21	43.74 2.53 -5.13	46.51 2.57 -7.73	46.55 2.51 -6.58	51.45 2.92 -6.86	63.43 3.48 -13.51	80.67 4.40 -20.59	73.89 3.86 -18.53	71.47 3.14 -24.68	65.60 2.86 -20.63	57.72 2.72 -15.56	54.09 2.68 -14.62	48.17 2.36 -10.58
BARRETT_IC_8 23711	44.90 2.24 -3.97	40.43 2.17 -2.03	37.83 2.05 -0.99	38.03 2.08 -1.32	39.87 2.06 -2.30	45.76 2.32 -3.40	59.13 3.47 -6.75	76.44 4.36 -16.29	59.77 3.47 -8.74	51.88 3.14 -5.18	54.07 2.75 -11.37	49.82 2.52 -10.21	43.74 2.53 -5.13	46.51 2.57 -7.73	46.55 2.51 -6.58	51.45 2.92 -6.86	63.48 3.53 -13.51	80.50 4.23 -20.59	73.89 3.86 -18.53	71.47 3.14 -24.68	65.56 2.82 -20.63	57.76 2.76 -15.56	54.01 2.61 -14.62	48.17 2.36 -10.58
BARRETT_IC_9 23700	44.90 2.24 -3.97	40.43 2.17 -2.03	37.83 2.05 -0.99	38.03 2.08 -1.32	39.87 2.06 -2.30	45.76 2.32 -3.40	59.13 3.47 -6.75	76.44 4.36 -16.29	59.77 3.47 -8.74	51.88 3.14 -5.18	54.07 2.75 -11.37	49.82 2.52 -10.21	43.74 2.53 -5.13	46.51 2.57 -7.73	46.55 2.51 -6.58	51.45 2.92 -6.86	63.48 3.53 -13.51	80.50 4.23 -20.59	73.89 3.86 -18.53	71.47 3.14 -24.68	65.56 2.82 -20.63	57.76 2.76 -15.56	54.01 2.61 -14.62	48.17 2.36 -10.58
BARRETT___1 23545	44.90 2.24 -3.97	40.43 2.17 -2.03	37.83 2.05 -0.99	38.03 2.08 -1.32	39.87 2.06 -2.30	45.76 2.32 -3.40	59.13 3.47 -6.75	76.44 4.36 -16.29	59.77 3.47 -8.74	51.88 3.14 -5.18	54.07 2.75 -11.37	49.82 2.52 -10.21	43.74 2.53 -5.13	46.51 2.57 -7.73	46.55 2.51 -6.58	51.45 2.92 -6.86	63.48 3.53 -13.51	80.50 4.23 -20.59	73.89 3.86 -18.53	71.47 3.14 -24.68	65.56 2.82 -20.63	57.76 2.76 -15.56	54.01 2.61 -14.62	48.17 2.36 -10.58
BARRETT___2 23546	44.90 2.24 -3.97	40.43 2.17 -2.03	37.83 2.05 -0.99	38.03 2.08 -1.32	39.87 2.06 -2.30	45.76 2.32 -3.40	59.13 3.47 -6.75	76.44 4.36 -16.29	59.77 3.47 -8.74	51.88 3.14 -5.18	54.07 2.75 -11.37	49.82 2.52 -10.21	43.74 2.53 -5.13	46.51 2.57 -7.73	46.55 2.51 -6.58	51.45 2.92 -6.86	63.48 3.53 -13.51	80.50 4.23 -20.59	73.89 3.86 -18.53	71.47 3.14 -24.68	65.56 2.82 -20.63	57.76 2.76 -15.56	54.01 2.61 -14.62	48.17 2.36 -10.58
BATAVIA__115KV_TB1 55881	36.87 -1.82 0.00	34.44 -1.77 0.00	33.26 -1.53 0.00	33.03 -1.59 0.00	33.92 -1.60 0.00	38.08 -1.96 0.00	46.02 -2.89 0.00	52.00 -3.79 0.00	44.47 -3.09 0.00	40.55 -3.01 0.00	37.27 -2.68 0.00	34.49 -2.60 0.00	33.63 -2.45 0.00	33.57 -2.64 0.00	34.95 -2.51 0.00	38.63 -3.04 0.00	44.26 -2.18 0.00	53.40 -2.28 0.00	48.92 -2.57 0.00	40.72 -2.92 0.00	38.48 -3.62 0.00	36.52 -2.92 0.00	33.69 -3.09 0.00	33.23 -2.01 0.00
BAYONEEC___CTG1 323682	40.50 1.82 0.00	37.92 1.70 0.00	36.42 1.64 0.00	36.25 1.63 0.00	37.11 1.60 0.00	41.92 1.88 0.00	51.84 2.93 0.00	59.65 3.85 0.00	50.65 3.09 0.00	46.48 2.92 0.00	42.47 2.52 0.00	39.43 2.34 0.00	38.43 2.34 0.00	38.60 2.39 0.00	39.75 2.29 0.00	44.34 2.67 0.00	49.64 3.20 0.00	59.64 3.95 0.00	55.04 3.55 0.00	46.48 2.84 0.00	44.63 2.53 0.00	41.97 2.53 0.00	39.13 2.36 0.00	37.31 2.08 0.00
BAYONEEC___CTG10 323750	40.50 1.82 0.00	37.92 1.70 0.00	36.42 1.64 0.00	36.25 1.63 0.00	37.11 1.60 0.00	41.92 1.88 0.00	51.84 2.93 0.00	59.65 3.85 0.00	50.65 3.09 0.00	46.48 2.92 0.00	42.47 2.52 0.00	39.43 2.34 0.00	38.43 2.34 0.00	38.60 2.39 0.00	39.75 2.29 0.00	44.34 2.67 0.00	49.64 3.20 0.00	59.64 3.95 0.00	55.04 3.55 0.00	46.48 2.84 0.00	44.63 2.53 0.00	41.97 2.53 0.00	39.13 2.36 0.00	37.31 2.08 0.00
BAYONEEC___CTG2 323683	40.50 1.82 0.00	37.92 1.70 0.00	36.42 1.64 0.00	36.25 1.63 0.00	37.11 1.60 0.00	41.92 1.88 0.00	51.84 2.93 0.00	59.65 3.85 0.00	50.65 3.09 0.00	46.48 2.92 0.00	42.47 2.52 0.00	39.43 2.34 0.00	38.43 2.34 0.00	38.60 2.39 0.00	39.75 2.29 0.00	44.34 2.67 0.00	49.64 3.20 0.00	59.64 3.95 0.00	55.04 3.55 0.00	46.48 2.84 0.00	44.63 2.53 0.00	41.97 2.53 0.00	39.13 2.36 0.00	37.31 2.08 0.00
BAYONEEC___CTG3 323684	40.50 1.82 0.00	37.92 1.70 0.00	36.42 1.64 0.00	36.25 1.63 0.00	37.11 1.60 0.00	41.92 1.88 0.00	51.84 2.93 0.00	59.65 3.85 0.00	50.65 3.09 0.00	46.48 2.92 0.00	42.47 2.52 0.00	39.43 2.34 0.00	38.43 2.34 0.00	38.60 2.39 0.00	39.75 2.29 0.00	44.34 2.67 0.00	49.64 3.20 0.00	59.64 3.95 0.00	55.04 3.55 0.00	46.48 2.84 0.00	44.63 2.53 0.00	41.97 2.53 0.00	39.13 2.36 0.00	37.31 2.08 0.00
BAYONEEC___CTG4 323685	40.50 1.82 0.00	37.92 1.70 0.00	36.42 1.64 0.00	36.25 1.63 0.00	37.11 1.60 0.00	41.92 1.88 0.00	51.84 2.93 0.00	59.65 3.85 0.00	50.65 3.09 0.00	46.48 2.92 0.00	42.47 2.52 0.00	39.43 2.34 0.00	38.43 2.34 0.00	38.60 2.39 0.00	39.75 2.29 0.00	44.34 2.67 0.00	49.64 3.20 0.00	59.64 3.95 0.00	55.04 3.55 0.00	46.48 2.84 0.00	44.63 2.53 0.00	41.97 2.53 0.00	39.13 2.36 0.00	37.31 2.08 0.00
BAYONEEC___CTG5 323686	40.50 1.82 0.00	37.92 1.70 0.00	36.42 1.64 0.00	36.25 1.63 0.00	37.11 1.60 0.00	41.92 1.88 0.00	51.84 2.93 0.00	59.65 3.85 0.00	50.65 3.09 0.00	46.48 2.92 0.00	42.47 2.52 0.00	39.43 2.34 0.00	38.43 2.34 0.00	38.60 2.39 0.00	39.75 2.29 0.00	44.34 2.67 0.00	49.64 3.20 0.00	59.64 3.95 0.00	55.04 3.55 0.00	46.48 2.84 0.00	44.63 2.53 0.00	41.97 2.53 0.00	39.13 2.36 0.00	37.31 2.08 0.00
BAYONEEC___CTG6 323687	40.50 1.82 0.00	37.92 1.70 0.00	36.42 1.64 0.00	36.25 1.63 0.00	37.11 1.60 0.00	41.92 1.88 0.00	51.84 2.93 0.00	59.65 3.85 0.00	50.65 3.09 0.00	46.48 2.92 0.00	42.47 2.52 0.00	39.43 2.34 0.00	38.43 2.34 0.00	38.60 2.39 0.00	39.75 2.29 0.00	44.34 2.67 0.00	49.64 3.20 0.00	59.64 3.95 0.00	55.04 3.55 0.00	46.48 2.84 0.00	44.63 2.53 0.00	41.97 2.53 0.00	39.13 2.36 0.00	37.31 2.08 0.00

BAYONEEC___CTG7 323688	40.50 1.82 0.00	37.92 1.70 0.00	36.42 1.64 0.00	36.25 1.63 0.00	37.11 1.60 0.00	41.92 1.88 0.00	51.84 2.93 0.00	59.65 3.85 0.00	50.65 3.09 0.00	46.48 2.92 0.00	42.47 2.52 0.00	39.43 2.34 0.00	38.43 2.34 0.00	38.60 2.39 0.00	39.75 2.29 0.00	44.34 2.67 0.00	49.64 3.20 0.00	59.64 3.95 0.00	55.04 3.55 0.00	46.48 2.84 0.00	44.63 2.53 0.00	41.97 2.53 0.00	39.13 2.36 0.00	37.31 2.08 0.00
BAYONEEC___CTG8 323689	40.50 1.82 0.00	37.92 1.70 0.00	36.42 1.64 0.00	36.25 1.63 0.00	37.11 1.60 0.00	41.92 1.88 0.00	51.84 2.93 0.00	59.65 3.85 0.00	50.65 3.09 0.00	46.48 2.92 0.00	42.47 2.52 0.00	39.43 2.34 0.00	38.43 2.34 0.00	38.60 2.39 0.00	39.75 2.29 0.00	44.34 2.67 0.00	49.64 3.20 0.00	59.64 3.95 0.00	55.04 3.55 0.00	46.48 2.84 0.00	44.63 2.53 0.00	41.97 2.53 0.00	39.13 2.36 0.00	37.31 2.08 0.00
BAYONEEC___CTG9 323749	40.50 1.82 0.00	37.92 1.70 0.00	36.42 1.64 0.00	36.25 1.63 0.00	37.11 1.60 0.00	41.92 1.88 0.00	51.84 2.93 0.00	59.65 3.85 0.00	50.65 3.09 0.00	46.48 2.92 0.00	42.47 2.52 0.00	39.43 2.34 0.00	38.43 2.34 0.00	38.60 2.39 0.00	39.75 2.29 0.00	44.34 2.67 0.00	49.64 3.20 0.00	59.64 3.95 0.00	55.04 3.55 0.00	46.48 2.84 0.00	44.63 2.53 0.00	41.97 2.53 0.00	39.13 2.36 0.00	37.31 2.08 0.00
BEACON___LESR 323632	39.88 1.20 0.00	37.34 1.12 0.00	35.87 1.08 0.00	35.73 1.11 0.00	36.62 1.10 0.00	41.40 1.36 0.00	51.11 2.20 0.00	58.42 2.62 0.00	49.71 2.14 0.00	45.17 1.61 0.00	41.11 1.16 0.00	38.12 1.04 0.00	37.03 0.94 0.00	37.15 0.94 0.00	38.47 1.01 0.00	43.04 1.37 0.00	48.34 1.90 0.00	58.02 2.34 0.00	53.61 2.11 0.00	45.39 1.75 0.00	43.58 1.47 0.00	40.82 1.38 0.00	38.06 1.29 0.00	36.43 1.20 0.00
BEAVER RIVER___HYD 24048	38.80 0.12 0.00	36.26 0.04 0.00	34.79 0.00 0.00	34.66 0.03 0.00	35.62 0.11 0.00	40.24 0.20 0.00	49.39 0.49 0.00	56.64 0.84 0.00	48.14 0.57 0.00	43.95 0.39 0.00	40.07 0.12 0.00	37.24 0.15 0.00	36.12 0.04 0.00	36.17 -0.04 0.00	37.46 0.00 0.00	41.75 0.08 0.00	46.81 0.37 0.00	56.40 0.72 0.00	52.01 0.51 0.00	43.95 0.31 0.00	42.31 0.21 0.00	39.60 0.16 0.00	36.78 0.00 0.00	35.16 -0.07 0.00
BEEBEE_GT_13 23619	37.02 -1.66 0.00	34.63 -1.59 0.00	33.40 -1.39 0.00	33.17 -1.45 0.00	34.06 -1.46 0.00	38.32 -1.72 0.00	46.56 -2.35 0.00	52.84 -2.96 0.00	45.14 -2.43 0.00	41.20 -2.35 0.00	37.79 -2.16 0.00	34.97 -2.11 0.00	34.10 -1.98 0.00	34.07 -2.14 0.00	35.44 -2.02 0.00	39.21 -2.46 0.00	44.58 -1.86 0.00	53.73 -1.95 0.00	49.33 -2.16 0.00	41.29 -2.36 0.00	39.28 -2.82 0.00	37.08 -2.37 0.00	34.31 -2.46 0.00	33.51 -1.73 0.00
BENSHRST_27_KV_BENSHRST_1 355998	41.21 2.51 -0.01	38.54 2.32 0.00	36.91 2.12 0.00	36.74 2.11 0.00	37.61 2.10 0.00	42.40 2.36 0.00	52.52 3.62 0.00	60.49 4.69 0.00	51.37 3.81 0.00	47.09 3.53 -0.01	60.61 3.16 -17.50	40.02 2.93 0.00	44.29 2.89 -5.32	39.18 2.97 0.00	40.27 2.81 0.00	45.47 3.33 -0.46	50.29 3.85 0.00	60.69 5.01 0.00	55.92 4.43 0.00	47.18 3.54 0.00	45.26 3.16 0.00	42.49 3.04 -0.01	39.81 3.02 -0.01	37.91 2.68 0.00
BETHLEHEM___GRP 23843	39.03 0.35 0.00	36.55 0.33 0.00	35.10 0.31 0.00	34.97 0.35 0.00	35.83 0.32 0.00	40.48 0.44 0.00	49.88 0.98 0.00	56.97 1.17 0.00	48.47 0.90 0.00	44.08 0.52 0.00	40.27 0.32 0.00	37.38 0.30 0.00	36.38 0.29 0.00	36.53 0.33 0.00	37.80 0.34 0.00	42.21 0.54 0.00	47.32 0.88 0.00	56.80 1.11 0.00	52.42 0.93 0.00	44.39 0.74 0.00	42.69 0.59 0.00	39.96 0.51 0.00	37.37 0.59 0.00	35.73 0.49 0.00
BETHLEHEM___GS1 323560	39.03 0.35 0.00	36.54 0.33 0.00	35.10 0.31 0.00	34.97 0.35 0.00	35.83 0.32 0.00	40.48 0.44 0.00	49.88 0.98 0.00	56.97 1.17 0.00	48.47 0.90 0.00	44.12 0.56 0.00	40.27 0.32 0.00	37.38 0.30 0.00	36.38 0.29 0.00	36.53 0.33 0.00	37.80 0.34 0.00	42.21 0.54 0.00	47.32 0.88 0.00	56.69 1.00 0.00	52.42 0.93 0.00	44.38 0.74 0.00	42.69 0.59 0.00	39.99 0.55 0.00	37.33 0.55 0.00	35.73 0.49 0.00
BETHLEHEM___GS2 323561	39.03 0.35 0.00	36.54 0.33 0.00	35.10 0.31 0.00	34.97 0.35 0.00	35.83 0.32 0.00	40.48 0.44 0.00	49.88 0.98 0.00	56.97 1.17 0.00	48.47 0.90 0.00	44.12 0.56 0.00	40.27 0.32 0.00	37.38 0.30 0.00	36.38 0.29 0.00	36.53 0.33 0.00	37.80 0.34 0.00	42.21 0.54 0.00	47.32 0.88 0.00	56.69 1.00 0.00	52.42 0.93 0.00	44.38 0.74 0.00	42.69 0.59 0.00	39.99 0.55 0.00	37.33 0.55 0.00	35.73 0.49 0.00
BETHLEHEM___GS3 323562	39.03 0.35 0.00	36.54 0.33 0.00	35.10 0.31 0.00	34.97 0.35 0.00	35.83 0.32 0.00	40.48 0.44 0.00	49.88 0.98 0.00	56.97 1.17 0.00	48.47 0.90 0.00	44.12 0.56 0.00	40.27 0.32 0.00	37.38 0.30 0.00	36.38 0.29 0.00	36.53 0.33 0.00	37.80 0.34 0.00	42.21 0.54 0.00	47.32 0.88 0.00	56.69 1.00 0.00	52.42 0.93 0.00	44.38 0.74 0.00	42.69 0.59 0.00	39.99 0.55 0.00	37.33 0.55 0.00	35.73 0.49 0.00
BETHLEHEM___STEEL 23779	36.44 -2.24 0.00	34.12 -2.10 0.00	32.91 -1.88 0.00	32.72 -1.90 0.00	33.56 -1.95 0.00	37.56 -2.48 0.00	45.24 -3.67 0.00	50.94 -4.85 0.00	43.57 -4.00 0.00	39.81 -3.75 0.00	36.63 -3.32 0.00	34.08 -3.00 0.00	33.27 -2.81 0.00	33.17 -3.04 0.00	34.47 -3.00 0.00	38.17 -3.50 0.00	43.65 -2.79 0.00	52.56 -3.12 0.00	48.20 -3.30 0.00	40.06 -3.58 0.00	37.85 -4.25 0.00	36.01 -3.43 0.00	33.25 -3.53 0.00	32.94 -2.29 0.00
BETHLHEM_115KV_TB1 79974	39.15 0.46 0.00	36.65 0.43 0.00	35.21 0.42 0.00	35.04 0.42 0.00	35.94 0.43 0.00	40.56 0.52 0.00	50.03 1.12 0.00	57.14 1.34 0.00	48.61 1.05 0.00	44.21 0.65 0.00	40.39 0.44 0.00	37.50 0.41 0.00	36.49 0.40 0.00	36.61 0.40 0.00	37.91 0.45 0.00	42.34 0.67 0.00	47.41 0.98 0.00	56.91 1.23 0.00	52.57 1.08 0.00	44.52 0.87 0.00	42.82 0.72 0.00	40.07 0.63 0.00	37.48 0.70 0.00	35.83 0.60 0.00
BETHPAGE_CC_5 323564	45.40 2.75 -3.97	40.79 2.53 -2.03	38.21 2.43 -0.99	38.41 2.46 -1.32	40.26 2.45 -2.30	46.20 2.76 -3.40	59.77 4.11 -6.76	77.18 5.08 -16.30	60.44 4.14 -8.74	52.44 3.70 -5.19	54.56 3.23 -11.37	50.31 3.00 -10.22	44.21 2.99 -5.13	46.95 3.00 -7.74	47.01 2.96 -6.59	51.96 3.42 -6.87	64.10 4.13 -13.53	81.35 5.07 -20.60	74.68 4.64 -18.55	72.10 3.75 -24.70	66.12 3.37 -20.65	58.29 3.27 -15.57	54.46 3.05 -14.63	48.57 2.75 -10.58
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.63 -2.05 0.00	34.30 -1.92 0.00	33.08 -1.70 0.00	32.86 -1.77 0.00	33.70 -1.81 0.00	37.76 -2.28 0.00	45.48 -3.42 0.00	51.28 -4.52 0.00	43.85 -3.71 0.00	40.07 -3.48 0.00	36.87 -3.08 0.00	34.27 -2.82 0.00	33.45 -2.63 0.00	33.35 -2.86 0.00	34.69 -2.77 0.00	38.34 -3.33 0.00	43.88 -2.55 0.00	52.84 -2.84 0.00	48.46 -3.04 0.00	40.28 -3.36 0.00	38.06 -4.04 0.00	36.21 -3.23 0.00	33.43 -3.35 0.00	33.08 -2.15 0.00

BINGHAMTON___COGEN 23790	38.72 0.04 0.00	36.26 0.04 0.00	34.82 0.03 0.00	34.62 0.00 0.00	35.55 0.04 0.00	40.12 0.08 0.00	49.15 0.24 0.00	56.08 0.28 0.00	47.71 0.14 0.00	43.47 -0.09 0.00	39.79 -0.16 0.00	36.87 -0.22 0.00	35.87 -0.22 0.00	35.96 -0.25 0.00	37.27 -0.19 0.00	41.34 -0.33 0.00	46.58 0.14 0.00	56.02 0.33 0.00	51.65 0.15 0.00	43.47 -0.17 0.00	41.68 -0.42 0.00	39.13 -0.32 0.00	36.37 -0.40 0.00	35.06 -0.18 0.00
BIXINCNT_115KV_LOAD 355685	37.37 -1.32 0.00	34.99 -1.23 0.00	33.64 -1.15 0.00	33.45 -1.18 0.00	34.34 -1.17 0.00	38.52 -1.52 0.00	46.36 -2.54 0.00	52.51 -3.29 0.00	44.85 -2.71 0.00	40.90 -2.66 0.00	37.55 -2.40 0.00	34.94 -2.15 0.00	34.07 -2.02 0.00	33.96 -2.24 0.00	35.33 -2.14 0.00	39.00 -2.67 0.00	44.63 -1.81 0.00	53.68 -2.00 0.00	49.12 -2.37 0.00	40.89 -2.75 0.00	38.61 -3.49 0.00	36.76 -2.68 0.00	33.91 -2.87 0.00	33.33 -1.90 0.00
BLACK RIVER___HYD 24047	38.64 -0.04 0.00	36.15 -0.07 0.00	34.65 -0.14 0.00	34.52 -0.10 0.00	35.48 -0.04 0.00	40.16 0.12 0.00	49.39 0.49 0.00	56.69 0.89 0.00	48.14 0.57 0.00	43.82 0.26 0.00	39.91 -0.04 0.00	36.98 -0.11 0.00	35.84 -0.25 0.00	35.92 -0.29 0.00	37.24 -0.22 0.00	41.59 -0.08 0.00	46.90 0.46 0.00	56.69 1.00 0.00	52.16 0.67 0.00	43.95 0.31 0.00	42.27 0.17 0.00	39.44 0.00 0.00	36.59 -0.18 0.00	34.99 -0.24 0.00
BLACKRVR_115KV_TB2 79977	38.64 -0.04 0.00	36.15 -0.07 0.00	34.65 -0.14 0.00	34.52 -0.10 0.00	35.48 -0.04 0.00	40.16 0.12 0.00	49.39 0.49 0.00	56.69 0.89 0.00	48.14 0.57 0.00	43.82 0.26 0.00	39.91 -0.04 0.00	36.98 -0.11 0.00	35.84 -0.25 0.00	35.92 -0.29 0.00	37.24 -0.22 0.00	41.59 -0.08 0.00	46.90 0.46 0.00	56.74 1.06 0.00	52.16 0.67 0.00	43.95 0.31 0.00	42.23 0.13 0.00	39.44 0.00 0.00	36.59 -0.18 0.00	34.99 -0.25 0.00
BLISS_WT_PWR 323608	37.37 -1.32 0.00	35.10 -1.12 0.00	33.64 -1.15 0.00	33.45 -1.18 0.00	34.34 -1.17 0.00	38.52 -1.52 0.00	46.41 -2.49 0.00	52.51 -3.29 0.00	44.86 -2.71 0.00	40.94 -2.61 0.00	37.59 -2.36 0.00	35.01 -2.08 0.00	34.10 -1.98 0.00	34.00 -2.21 0.00	35.40 -2.06 0.00	39.05 -2.62 0.00	44.58 -1.86 0.00	52.84 -2.84 0.00	49.13 -2.37 0.00	40.90 -2.75 0.00	38.73 -3.37 0.00	36.56 -2.88 0.00	34.06 -2.72 0.00	33.26 -1.97 0.00
BLUESTONE___WT_PWR 323821	41.39 2.71 0.00	38.75 2.53 0.00	37.08 2.30 0.00	36.98 2.36 0.00	37.93 2.42 0.00	43.00 2.96 0.00	53.06 4.15 0.00	60.88 5.08 0.00	51.47 3.90 0.00	46.82 3.27 0.00	42.63 2.68 0.00	39.31 2.23 0.00	38.07 1.98 0.00	38.27 2.06 0.00	39.67 2.21 0.00	44.30 2.63 0.00	50.29 3.85 0.00	60.70 5.01 0.00	56.03 4.53 0.00	47.05 3.41 0.00	45.05 2.95 0.00	42.00 2.56 0.00	38.87 2.10 0.00	37.31 2.08 0.00
BLUE_CIRC_CHEM_DRP 24182	39.73 1.04 0.00	37.23 1.01 0.00	35.76 0.97 0.00	35.59 0.97 0.00	36.47 0.96 0.00	41.16 1.12 0.00	50.66 1.76 0.00	57.86 2.06 0.00	49.18 1.62 0.00	44.73 1.18 0.00	40.87 0.92 0.00	37.90 0.82 0.00	36.85 0.76 0.00	37.01 0.80 0.00	38.32 0.86 0.00	42.84 1.17 0.00	47.97 1.53 0.00	57.58 1.89 0.00	53.19 1.70 0.00	45.04 1.40 0.00	43.32 1.22 0.00	40.59 1.14 0.00	37.92 1.14 0.00	36.29 1.06 0.00
BOC_GAS_DRP 24189	39.34 0.66 0.00	36.87 0.65 0.00	35.42 0.63 0.00	35.25 0.62 0.00	36.15 0.64 0.00	40.80 0.76 0.00	50.22 1.32 0.00	57.36 1.56 0.00	48.80 1.24 0.00	44.43 0.87 0.00	40.67 0.72 0.00	37.76 0.67 0.00	36.74 0.65 0.00	36.90 0.69 0.00	38.14 0.67 0.00	42.55 0.88 0.00	47.65 1.21 0.00	57.19 1.50 0.00	52.83 1.34 0.00	44.73 1.09 0.00	43.03 0.93 0.00	40.31 0.87 0.00	37.66 0.88 0.00	36.04 0.81 0.00
BOONVILLE_115KV_TB1 79983	39.53 0.85 0.00	36.98 0.76 0.00	35.49 0.70 0.00	35.35 0.73 0.00	36.29 0.78 0.00	41.04 1.00 0.00	50.47 1.56 0.00	57.86 2.06 0.00	49.13 1.57 0.00	44.82 1.26 0.00	40.79 0.84 0.00	37.94 0.85 0.00	36.81 0.72 0.00	36.97 0.76 0.00	38.25 0.79 0.00	42.67 1.00 0.00	47.92 1.49 0.00	57.74 2.06 0.00	53.14 1.65 0.00	44.87 1.22 0.00	43.15 1.05 0.00	40.31 0.87 0.00	37.48 0.70 0.00	35.87 0.63 0.00
BORALEX_4TH_BRANCH 23824	40.42 1.74 0.00	37.85 1.63 0.00	36.35 1.57 0.00	36.22 1.59 0.00	37.22 1.70 0.00	42.04 2.00 0.00	51.94 3.03 0.00	59.37 3.57 0.00	50.42 2.85 0.00	45.56 2.00 0.00	41.67 1.72 0.00	38.72 1.63 0.00	37.68 1.59 0.00	37.84 1.63 0.00	39.22 1.76 0.00	43.88 2.21 0.00	49.23 2.79 0.00	59.13 3.45 0.00	54.63 3.14 0.00	46.22 2.57 0.00	44.42 2.32 0.00	41.61 2.17 0.00	38.91 2.13 0.00	37.17 1.94 0.00
BOWLINE___1 23526	40.12 1.43 0.00	37.56 1.34 0.00	36.08 1.29 0.00	35.94 1.32 0.00	36.79 1.28 0.00	41.56 1.52 0.00	51.45 2.54 0.00	58.98 3.18 0.00	49.94 2.38 0.00	45.69 2.13 0.00	41.83 1.88 0.00	38.79 1.71 0.00	37.82 1.73 0.00	37.98 1.77 0.00	39.11 1.65 0.00	43.63 1.96 0.00	48.85 2.41 0.00	58.69 3.00 0.00	54.22 2.73 0.00	45.82 2.18 0.00	44.04 1.94 0.00	41.37 1.93 0.00	38.61 1.84 0.00	36.86 1.62 0.00
BOWLINE___2 23595	40.12 1.43 0.00	37.56 1.34 0.00	36.08 1.29 0.00	35.94 1.32 0.00	36.79 1.28 0.00	41.56 1.52 0.00	51.45 2.54 0.00	59.03 3.24 0.00	50.04 2.47 0.00	45.78 2.22 0.00	41.87 1.92 0.00	38.83 1.74 0.00	37.82 1.73 0.00	38.02 1.81 0.00	39.15 1.69 0.00	43.67 2.00 0.00	48.94 2.51 0.00	58.80 3.12 0.00	54.27 2.78 0.00	45.87 2.22 0.00	44.08 1.98 0.00	41.41 1.97 0.00	38.61 1.84 0.00	36.89 1.66 0.00
BRADY___115KV_TB2 356060	39.50 0.81 0.00	36.94 0.72 0.00	35.45 0.66 0.00	35.32 0.69 0.00	36.22 0.71 0.00	40.60 0.56 0.00	49.15 0.24 0.00	56.19 0.39 0.00	48.04 0.48 0.00	44.21 0.65 0.00	40.63 0.68 0.00	38.02 0.93 0.00	36.99 0.90 0.00	37.08 0.87 0.00	38.32 0.86 0.00	42.25 0.58 0.00	46.62 0.19 0.00	55.79 0.11 0.00	51.75 0.26 0.00	44.12 0.48 0.00	42.82 0.72 0.00	40.03 0.59 0.00	37.40 0.63 0.00	35.76 0.53 0.00
BRANSCOMB___SOLAR 323811	40.35 1.66 0.00	37.78 1.56 0.00	36.28 1.49 0.00	36.15 1.52 0.00	37.07 1.56 0.00	41.96 1.92 0.00	51.89 2.98 0.00	59.37 3.57 0.00	50.42 2.85 0.00	45.65 2.09 0.00	41.67 1.72 0.00	38.57 1.49 0.00	37.46 1.37 0.00	37.58 1.38 0.00	38.96 1.50 0.00	43.71 2.04 0.00	49.13 2.69 0.00	58.97 3.28 0.00	54.53 3.04 0.00	46.09 2.44 0.00	44.25 2.15 0.00	41.41 1.97 0.00	38.61 1.84 0.00	36.89 1.66 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	45.95 3.29 -3.97	41.33 3.08 -2.03	38.73 2.96 -0.99	38.93 2.98 -1.32	40.80 2.98 -2.30	47.00 3.56 -3.40	60.90 5.23 -6.76	78.52 6.42 -16.31	61.59 5.28 -8.74	53.28 4.53 -5.19	55.36 4.04 -11.37	51.01 3.71 -10.22	44.83 3.61 -5.13	47.64 3.69 -7.74	47.76 3.71 -6.59	52.84 4.29 -6.87	65.22 5.25 -13.53	82.86 6.57 -20.60	75.97 5.92 -18.55	73.19 4.84 -24.70	67.22 4.46 -20.65	59.20 4.18 -15.57	55.27 3.86 -14.63	49.31 3.49 -10.58

BRISTLHL_115KV_TB1 79998	37.52 -1.16 0.00	35.13 -1.09 0.00	33.75 -1.04 0.00	33.55 -1.07 0.00	34.45 -1.07 0.00	38.92 -1.12 0.00	47.58 -1.32 0.00	54.40 -1.39 0.00	46.33 -1.24 0.00	42.25 -1.31 0.00	38.67 -1.28 0.00	35.83 -1.26 0.00	34.86 -1.23 0.00	34.94 -1.27 0.00	36.23 -1.24 0.00	40.34 -1.33 0.00	45.28 -1.16 0.00	54.40 -1.28 0.00	50.21 -1.29 0.00	42.33 -1.31 0.00	40.71 -1.39 0.00	38.18 -1.26 0.00	35.53 -1.25 0.00	34.11 -1.13 0.00
BROOKHAVEN___DRP 24191	45.75 3.09 -3.97	41.15 2.90 -2.03	38.59 2.82 -0.99	38.79 2.84 -1.32	40.66 2.84 -2.30	46.84 3.40 -3.40	60.75 5.09 -6.76	78.52 6.42 -16.31	61.35 5.04 -8.74	53.01 4.27 -5.19	55.12 3.80 -11.37	50.90 3.60 -10.22	44.79 3.57 -5.13	47.60 3.66 -7.74	47.76 3.71 -6.59	52.79 4.25 -6.87	65.31 5.34 -13.53	82.97 6.68 -20.61	76.12 6.08 -18.55	73.32 4.98 -24.70	67.30 4.55 -20.65	59.24 4.22 -15.58	55.31 3.90 -14.63	49.34 3.52 -10.58
BROOKLYN_NAVY_YARD 23515	40.50 1.82 0.00	37.92 1.70 0.00	36.39 1.60 0.00	36.25 1.63 0.00	37.11 1.60 0.00	41.96 1.92 0.00	51.94 3.03 0.00	59.76 3.96 0.00	50.75 3.19 0.00	46.56 3.00 0.00	42.51 2.56 0.00	39.46 2.38 0.00	38.47 2.38 0.00	38.64 2.43 0.00	39.79 2.32 0.00	44.38 2.71 0.00	49.74 3.30 0.00	59.74 4.06 0.00	55.15 3.66 0.00	46.57 2.92 0.00	44.67 2.57 0.00	42.00 2.56 0.00	39.13 2.36 0.00	37.31 2.08 0.00
BROOKLYN___ARMY_DRP 323595	41.05 2.36 -0.01	38.39 2.17 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.26 4.46 0.00	51.18 3.61 0.00	46.92 3.35 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	39.03 2.82 0.00	40.12 2.66 0.00	45.30 3.17 -0.46	50.01 3.58 0.00	60.42 4.73 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.09 2.99 0.00	42.33 2.88 -0.01	39.66 2.87 -0.01	37.77 2.54 0.00
BROOKVLE_69_KV_TB1 55790	45.40 2.75 -3.97	40.82 2.57 -2.03	38.18 2.40 -0.99	38.37 2.42 -1.32	40.23 2.41 -2.30	46.28 2.84 -3.40	59.77 4.11 -6.76	77.28 5.19 -16.29	60.54 4.23 -8.74	52.49 3.75 -5.19	54.68 3.36 -11.37	50.34 3.04 -10.21	44.29 3.07 -5.13	47.06 3.11 -7.73	47.04 3.00 -6.58	52.00 3.46 -6.87	64.14 4.18 -13.52	81.62 5.35 -20.59	74.77 4.74 -18.54	72.17 3.84 -24.69	66.24 3.49 -20.64	58.28 3.27 -15.56	54.53 3.13 -14.63	48.63 2.82 -10.58
BROOME_2_LFGE 323671	38.72 0.04 0.00	36.26 0.04 0.00	34.82 0.03 0.00	34.62 0.00 0.00	35.55 0.04 0.00	40.12 0.08 0.00	49.15 0.25 0.00	56.08 0.28 0.00	47.71 0.14 0.00	43.51 -0.04 0.00	39.79 -0.16 0.00	36.87 -0.22 0.00	35.87 -0.22 0.00	35.96 -0.25 0.00	37.28 -0.19 0.00	41.34 -0.33 0.00	46.58 0.14 0.00	55.79 0.11 0.00	51.65 0.15 0.00	43.47 -0.17 0.00	41.72 -0.38 0.00	39.09 -0.36 0.00	36.41 -0.37 0.00	35.06 -0.18 0.00
BROOME___LFGE 323600	38.72 0.04 0.00	36.26 0.04 0.00	34.82 0.03 0.00	34.62 0.00 0.00	35.55 0.04 0.00	40.12 0.08 0.00	49.15 0.25 0.00	56.08 0.28 0.00	47.71 0.14 0.00	43.51 -0.04 0.00	39.79 -0.16 0.00	36.87 -0.22 0.00	35.87 -0.22 0.00	35.96 -0.25 0.00	37.28 -0.19 0.00	41.34 -0.33 0.00	46.58 0.14 0.00	55.79 0.11 0.00	51.65 0.15 0.00	43.47 -0.17 0.00	41.72 -0.38 0.00	39.09 -0.36 0.00	36.41 -0.37 0.00	35.06 -0.18 0.00
BROWNFLS_115KV_TB_3_5 80003	38.37 -0.31 0.00	35.89 -0.33 0.00	34.41 -0.38 0.00	34.28 -0.35 0.00	35.23 -0.28 0.00	39.64 -0.40 0.00	48.37 -0.54 0.00	55.41 -0.39 0.00	47.23 -0.33 0.00	43.25 -0.30 0.00	39.59 -0.36 0.00	36.90 -0.19 0.00	35.87 -0.22 0.00	35.92 -0.29 0.00	37.16 -0.30 0.00	41.21 -0.46 0.00	45.88 -0.56 0.00	55.18 -0.50 0.00	50.93 -0.57 0.00	43.25 -0.39 0.00	41.81 -0.29 0.00	39.09 -0.35 0.00	36.41 -0.37 0.00	34.81 -0.42 0.00
BROWNSV1_27_KV_LOAD 356125	40.89 2.20 0.00	38.28 2.06 0.00	36.74 1.95 0.00	36.53 1.90 0.00	37.40 1.88 0.00	42.24 2.20 0.00	52.33 3.42 0.00	60.21 4.41 0.00	51.13 3.57 0.00	46.82 3.27 0.00	42.87 2.92 0.00	39.76 2.67 0.00	38.76 2.67 0.00	38.92 2.72 0.00	40.08 2.62 0.00	44.71 3.04 0.00	50.06 3.62 0.00	60.36 4.68 0.00	55.61 4.12 0.00	46.96 3.32 0.00	45.09 2.99 0.00	42.24 2.80 0.00	39.53 2.76 0.00	37.59 2.36 0.00
BURROWS___LYONSDAL 23803	39.38 0.70 0.00	36.83 0.62 0.00	35.35 0.56 0.00	35.21 0.59 0.00	36.15 0.64 0.00	40.92 0.88 0.00	50.27 1.37 0.00	57.64 1.84 0.00	48.99 1.43 0.00	44.65 1.09 0.00	40.63 0.68 0.00	37.79 0.70 0.00	36.70 0.61 0.00	36.82 0.62 0.00	38.10 0.64 0.00	42.50 0.83 0.00	47.74 1.30 0.00	57.52 1.84 0.00	52.94 1.44 0.00	44.73 1.09 0.00	42.99 0.88 0.00	40.19 0.75 0.00	37.33 0.55 0.00	35.73 0.49 0.00
CAITHNESS_CC_1 323624	45.68 3.02 -3.97	41.04 2.79 -2.03	38.52 2.75 -0.99	38.72 2.77 -1.32	40.59 2.77 -2.30	46.76 3.32 -3.40	60.60 4.94 -6.76	78.35 6.25 -16.31	61.26 4.95 -8.74	52.93 4.18 -5.19	55.04 3.72 -11.37	50.83 3.53 -10.22	44.72 3.50 -5.13	47.50 3.55 -7.74	47.68 3.63 -6.59	52.67 4.13 -6.87	65.17 5.20 -13.53	82.63 6.35 -20.61	75.86 5.82 -18.55	73.15 4.80 -24.70	67.13 4.38 -20.65	59.16 4.14 -15.58	55.16 3.75 -14.63	49.23 3.42 -10.58
CALPINE BETH_PAGE_GT4 24209	45.29 2.63 -3.97	40.72 2.46 -2.03	38.07 2.30 -0.99	38.27 2.32 -1.32	40.12 2.31 -2.30	46.12 2.68 -3.40	59.67 4.01 -6.76	77.06 4.97 -16.30	60.35 4.04 -8.74	52.32 3.57 -5.19	54.52 3.20 -11.37	50.23 2.93 -10.21	44.11 2.89 -5.13	46.88 2.93 -7.74	46.93 2.88 -6.58	51.87 3.33 -6.87	63.96 3.99 -13.52	81.40 5.12 -20.60	74.62 4.58 -18.55	72.01 3.67 -24.70	66.07 3.33 -20.65	58.17 3.16 -15.57	54.46 3.05 -14.63	48.49 2.68 -10.58
CALPINE_BETH_PAGE_GT_4 323586	45.29 2.63 -3.97	40.68 2.43 -2.03	38.07 2.30 -0.99	38.27 2.32 -1.32	40.12 2.31 -2.30	46.12 2.68 -3.40	59.68 4.01 -6.76	77.06 4.96 -16.30	60.35 4.04 -8.74	52.36 3.61 -5.19	54.52 3.20 -11.37	50.23 2.93 -10.21	44.11 2.89 -5.13	46.88 2.93 -7.74	46.93 2.88 -6.58	51.88 3.33 -6.87	64.00 4.04 -13.52	81.29 5.01 -20.60	74.62 4.58 -18.55	72.01 3.67 -24.70	66.07 3.33 -20.65	58.20 3.19 -15.57	54.38 2.98 -14.63	48.49 2.68 -10.58
CALPINE_BP_GT1 23823	45.29 2.63 -3.97	40.68 2.43 -2.03	38.07 2.30 -0.99	38.27 2.32 -1.32	40.12 2.31 -2.30	46.12 2.68 -3.40	59.68 4.01 -6.76	77.06 4.96 -16.30	60.35 4.04 -8.74	52.36 3.61 -5.19	54.52 3.20 -11.37	50.23 2.93 -10.21	44.11 2.89 -5.13	46.88 2.93 -7.74	46.93 2.88 -6.58	51.88 3.33 -6.87	64.00 4.04 -13.52	81.29 5.01 -20.60	74.62 4.58 -18.55	72.01 3.67 -24.70	66.07 3.33 -20.65	58.20 3.19 -15.57	54.38 2.98 -14.63	48.49 2.68 -10.58
CALSPAN___DRP 24200	36.44 -2.24 0.00	34.12 -2.10 0.00	32.91 -1.88 0.00	32.72 -1.90 0.00	33.56 -1.95 0.00	37.56 -2.48 0.00	45.24 -3.67 0.00	50.94 -4.85 0.00	43.57 -4.00 0.00	39.81 -3.75 0.00	36.63 -3.32 0.00	34.08 -3.00 0.00	33.27 -2.81 0.00	33.17 -3.04 0.00	34.47 -3.00 0.00	38.17 -3.50 0.00	43.65 -2.79 0.00	52.56 -3.12 0.00	48.20 -3.30 0.00	40.06 -3.58 0.00	37.85 -4.25 0.00	36.01 -3.43 0.00	33.25 -3.53 0.00	32.94 -2.29 0.00

CALVERTON___SOLAR 323806	45.87 3.21 -3.97	41.22 2.97 -2.03	38.70 2.92 -0.99	38.89 2.94 -1.32	40.76 2.95 -2.30	47.00 3.56 -3.40	60.90 5.24 -6.76	78.74 6.64 -16.31	61.49 5.19 -8.74	53.14 4.40 -5.19	55.24 3.92 -11.37	51.01 3.71 -10.22	44.90 3.68 -5.13	47.71 3.77 -7.74	47.91 3.86 -6.59	52.92 4.37 -6.87	65.54 5.57 -13.53	83.08 6.79 -20.61	76.33 6.28 -18.55	73.49 5.15 -24.70	67.47 4.71 -20.65	59.43 4.42 -15.58	55.42 4.01 -14.63	49.48 3.66 -10.58
CANDIGU_WT_PWR 323617	39.11 0.43 0.00	36.62 0.40 0.00	35.21 0.42 0.00	34.97 0.35 0.00	35.90 0.39 0.00	40.52 0.48 0.00	49.54 0.63 0.00	56.52 0.72 0.00	48.09 0.52 0.00	43.73 0.17 0.00	39.91 -0.04 0.00	36.98 -0.11 0.00	36.02 -0.07 0.00	36.03 -0.18 0.00	37.42 -0.04 0.00	40.00 -1.67 0.00	45.46 -0.98 0.00	54.18 -1.50 0.00	50.31 -1.18 0.00	42.03 -1.61 0.00	40.08 -2.02 0.00	37.63 -1.81 0.00	35.09 -1.69 0.00	34.10 -1.13 0.00
CARR STREET_E_SYR 24060	37.64 -1.04 0.00	35.24 -0.98 0.00	33.85 -0.94 0.00	33.66 -0.97 0.00	34.56 -0.96 0.00	39.04 -1.00 0.00	47.83 -1.08 0.00	54.62 -1.17 0.00	46.52 -1.05 0.00	42.42 -1.13 0.00	38.83 -1.12 0.00	35.98 -1.11 0.00	34.97 -1.12 0.00	35.09 -1.12 0.00	36.37 -1.09 0.00	40.46 -1.21 0.00	45.42 -1.02 0.00	54.46 -1.23 0.00	50.36 -1.13 0.00	42.47 -1.18 0.00	40.84 -1.26 0.00	38.22 -1.22 0.00	35.60 -1.18 0.00	34.18 -1.06 0.00
CARTHAGE___PAPER 23857	38.68 0.00 0.00	36.15 -0.07 0.00	34.65 -0.14 0.00	34.52 -0.10 0.00	35.48 -0.04 0.00	40.12 0.08 0.00	49.34 0.44 0.00	56.58 0.78 0.00	48.09 0.52 0.00	43.86 0.31 0.00	40.03 0.08 0.00	37.16 0.07 0.00	36.02 -0.07 0.00	36.06 -0.14 0.00	37.35 -0.11 0.00	41.67 0.00 0.00	46.81 0.37 0.00	56.52 0.84 0.00	52.01 0.51 0.00	43.95 0.31 0.00	42.31 0.21 0.00	39.52 0.08 0.00	36.67 -0.11 0.00	35.06 -0.18 0.00
CASSADAGA_WT_PWR 323784	37.52 -1.16 0.00	35.24 -0.98 0.00	33.78 -1.01 0.00	33.59 -1.04 0.00	34.52 -0.99 0.00	38.72 -1.32 0.00	46.70 -2.20 0.00	52.89 -2.90 0.00	45.28 -2.28 0.00	41.34 -2.22 0.00	37.99 -1.96 0.00	35.38 -1.71 0.00	34.47 -1.62 0.00	34.36 -1.85 0.00	35.74 -1.72 0.00	39.42 -2.25 0.00	45.05 -1.39 0.00	53.35 -2.34 0.00	49.59 -1.90 0.00	41.16 -2.49 0.00	38.94 -3.16 0.00	36.72 -2.72 0.00	34.17 -2.61 0.00	33.58 -1.66 0.00
CE_DUNWOOD___DRP 24194	40.39 1.70 0.00	37.85 1.63 0.00	36.29 1.50 0.00	36.15 1.52 0.00	37.00 1.49 0.00	41.84 1.80 0.00	51.74 2.84 0.00	59.54 3.74 0.00	50.51 2.95 0.00	46.13 2.57 0.00	42.27 2.32 0.00	39.20 2.11 0.00	38.18 2.09 0.00	38.35 2.14 0.00	39.52 2.06 0.00	44.09 2.42 0.00	49.41 2.97 0.00	59.47 3.79 0.00	54.84 3.35 0.00	46.31 2.66 0.00	44.50 2.40 0.00	41.69 2.25 0.00	38.98 2.21 0.00	37.14 1.90 0.00
CE_MILLWOOD___DRP 24193	40.31 1.62 0.00	37.78 1.56 0.00	36.25 1.46 0.00	36.08 1.45 0.00	36.93 1.42 0.00	41.76 1.72 0.00	51.64 2.74 0.00	59.37 3.57 0.00	50.37 2.81 0.00	46.00 2.44 0.00	42.11 2.16 0.00	39.09 2.00 0.00	38.07 1.98 0.00	38.24 2.03 0.00	39.37 1.91 0.00	43.96 2.29 0.00	49.27 2.83 0.00	59.30 3.62 0.00	54.69 3.19 0.00	46.22 2.57 0.00	44.42 2.32 0.00	41.61 2.17 0.00	38.91 2.13 0.00	37.07 1.83 0.00
CE_NYC2_DRP 24202	40.82 2.13 -0.01	38.21 1.99 0.00	36.67 1.88 0.00	36.49 1.87 0.00	37.36 1.85 0.00	42.16 2.12 0.00	52.13 3.23 0.00	60.04 4.24 0.00	50.99 3.42 0.00	46.70 3.14 -0.01	42.71 2.76 0.00	39.65 2.56 0.00	38.62 2.53 0.00	38.78 2.57 0.00	39.93 2.47 0.00	44.55 2.88 0.00	49.88 3.44 0.00	60.14 4.45 0.00	55.36 3.86 0.00	46.74 3.10 0.00	44.88 2.78 0.00	42.05 2.60 0.00	39.39 2.61 0.00	37.52 2.29 0.00
CE_NYC_DRP 24195	40.54 1.86 0.00	37.99 1.77 0.00	36.42 1.64 0.00	36.29 1.66 0.00	37.15 1.63 0.00	42.00 1.96 0.00	51.94 3.03 0.00	59.82 4.02 0.00	50.80 3.23 0.00	46.47 2.92 0.00	42.55 2.60 0.00	39.50 2.41 0.00	38.47 2.38 0.00	38.67 2.46 0.00	39.78 2.32 0.00	44.42 2.75 0.00	49.69 3.25 0.00	59.86 4.18 0.00	55.15 3.66 0.00	46.57 2.92 0.00	44.75 2.65 0.00	41.93 2.48 0.00	39.24 2.46 0.00	37.35 2.11 0.00
CHAFFEE___LFGE 323603	36.56 -2.13 0.00	34.37 -1.85 0.00	33.02 -1.77 0.00	32.79 -1.84 0.00	33.67 -1.85 0.00	37.68 -2.36 0.00	45.34 -3.57 0.00	51.17 -4.63 0.00	43.76 -3.81 0.00	39.94 -3.61 0.00	36.79 -3.16 0.00	34.23 -2.86 0.00	33.38 -2.71 0.00	33.28 -2.93 0.00	34.65 -2.81 0.00	38.30 -3.37 0.00	43.74 -2.69 0.00	51.84 -3.84 0.00	48.35 -3.14 0.00	40.24 -3.40 0.00	38.19 -3.91 0.00	35.97 -3.47 0.00	33.65 -3.13 0.00	33.08 -2.15 0.00
CHATEAUG_35_KV_LOAD 355732	39.81 1.12 0.00	37.23 1.01 0.00	35.73 0.94 0.00	35.56 0.93 0.00	36.51 0.99 0.00	41.04 1.00 0.00	49.64 0.73 0.00	56.69 0.89 0.00	48.47 0.90 0.00	44.65 1.09 0.00	41.03 1.08 0.00	38.27 1.19 0.00	37.24 1.15 0.00	37.30 1.09 0.00	38.55 1.09 0.00	42.67 1.00 0.00	47.04 0.60 0.00	56.35 0.67 0.00	52.27 0.77 0.00	44.56 0.92 0.00	43.24 1.14 0.00	40.47 1.03 0.00	37.66 0.88 0.00	36.04 0.81 0.00
CHATEAUG_WT_PWR 323614	39.73 1.04 0.00	37.20 0.98 0.00	35.69 0.90 0.00	35.52 0.90 0.00	36.47 0.96 0.00	41.00 0.96 0.00	49.59 0.68 0.00	56.64 0.84 0.00	48.42 0.86 0.00	44.51 0.96 0.00	40.95 1.00 0.00	38.20 1.11 0.00	37.17 1.08 0.00	37.26 1.05 0.00	38.51 1.05 0.00	42.63 0.96 0.00	47.00 0.56 0.00	56.52 0.84 0.00	52.21 0.72 0.00	44.52 0.87 0.00	43.16 1.05 0.00	40.39 0.95 0.00	37.58 0.81 0.00	35.97 0.74 0.00
CHAT_HIGH_FALL_HYD 323578	39.81 1.12 0.00	37.23 1.01 0.00	35.73 0.94 0.00	35.56 0.94 0.00	36.51 0.99 0.00	41.04 1.00 0.00	49.64 0.73 0.00	56.69 0.89 0.00	48.47 0.90 0.00	44.60 1.04 0.00	41.03 1.08 0.00	38.27 1.19 0.00	37.24 1.15 0.00	37.29 1.09 0.00	38.55 1.09 0.00	42.67 1.00 0.00	47.04 0.60 0.00	56.57 0.89 0.00	52.27 0.77 0.00	44.56 0.92 0.00	43.24 1.14 0.00	40.47 1.02 0.00	37.66 0.88 0.00	36.04 0.81 0.00
CHAUTAUQUA___LFGE 323629	36.94 -1.74 0.00	34.70 -1.52 0.00	33.33 -1.46 0.00	33.10 -1.52 0.00	33.99 -1.53 0.00	38.12 -1.92 0.00	45.97 -2.93 0.00	51.89 -3.91 0.00	44.38 -3.19 0.00	40.55 -3.00 0.00	37.31 -2.64 0.00	34.71 -2.37 0.00	33.85 -2.24 0.00	33.75 -2.46 0.00	35.14 -2.32 0.00	38.80 -2.87 0.00	44.30 -2.14 0.00	52.51 -3.17 0.00	48.87 -2.62 0.00	40.72 -2.92 0.00	38.57 -3.54 0.00	36.33 -3.12 0.00	33.87 -2.91 0.00	33.33 -1.90 0.00
CHERRYST_13_KV_LD 356241	40.66 1.97 0.00	38.07 1.85 0.00	36.53 1.74 0.00	36.39 1.77 0.00	37.25 1.74 0.00	42.08 2.04 0.00	52.08 3.18 0.00	59.98 4.18 0.00	50.94 3.38 0.00	46.65 3.09 0.00	42.67 2.72 0.00	39.61 2.52 0.00	38.62 2.53 0.00	38.78 2.57 0.00	39.93 2.47 0.00	44.55 2.88 0.00	49.88 3.44 0.00	60.08 4.40 0.00	55.36 3.86 0.00	46.70 3.06 0.00	44.84 2.74 0.00	42.05 2.60 0.00	39.31 2.54 0.00	37.42 2.18 0.00

CHESTROR_138KV_BK263 355645	40.00 1.32 0.00	37.45 1.23 0.00	35.94 1.15 0.00	35.80 1.18 0.00	36.65 1.14 0.00	41.44 1.40 0.00	51.20 2.30 0.00	58.70 2.90 0.00	49.80 2.24 0.00	45.47 1.92 0.00	41.63 1.68 0.00	38.57 1.48 0.00	37.53 1.44 0.00	37.73 1.52 0.00	38.89 1.42 0.00	43.42 1.75 0.00	48.67 2.23 0.00	58.58 2.90 0.00	54.02 2.52 0.00	45.69 2.05 0.00	43.91 1.81 0.00	41.14 1.70 0.00	38.43 1.65 0.00	36.68 1.44 0.00
CH_MIDHUDSON___DRP 24192	40.39 1.70 0.00	37.85 1.63 0.00	36.32 1.53 0.00	36.18 1.56 0.00	37.04 1.53 0.00	41.88 1.84 0.00	51.79 2.89 0.00	59.37 3.57 0.00	50.37 2.81 0.00	45.91 2.35 0.00	41.99 2.04 0.00	38.94 1.85 0.00	37.89 1.80 0.00	38.06 1.85 0.00	39.26 1.80 0.00	43.88 2.21 0.00	49.27 2.83 0.00	59.30 3.62 0.00	54.69 3.19 0.00	46.22 2.57 0.00	44.46 2.36 0.00	41.61 2.17 0.00	38.87 2.10 0.00	37.10 1.87 0.00
CH_MISC_IPPS 23765	40.62 1.93 0.00	38.03 1.81 0.00	36.53 1.74 0.00	36.36 1.73 0.00	37.18 1.67 0.00	42.08 2.04 0.00	52.08 3.18 0.00	59.65 3.85 0.00	50.61 3.05 0.00	46.21 2.66 0.00	42.19 2.24 0.00	39.05 1.96 0.00	37.96 1.88 0.00	38.16 1.95 0.00	39.33 1.87 0.00	44.00 2.33 0.00	49.50 3.06 0.00	59.47 3.79 0.00	54.94 3.45 0.00	46.44 2.80 0.00	44.63 2.53 0.00	41.85 2.41 0.00	38.98 2.21 0.00	37.21 1.97 0.00
CH_RES_BVR_FALLS 23983	38.80 0.12 0.00	36.33 0.11 0.00	34.89 0.10 0.00	34.73 0.10 0.00	35.66 0.14 0.00	40.08 0.04 0.00	48.71 -0.19 0.00	55.52 -0.28 0.00	47.42 -0.14 0.00	43.56 0.00 0.00	40.07 0.12 0.00	37.27 0.19 0.00	36.27 0.18 0.00	36.39 0.18 0.00	37.61 0.15 0.00	41.75 0.08 0.00	46.21 -0.23 0.00	55.57 -0.11 0.00	51.29 -0.21 0.00	43.51 -0.13 0.00	41.98 -0.13 0.00	39.29 -0.16 0.00	36.63 -0.15 0.00	35.06 -0.18 0.00
CH_RES_NIAGARA 23895	34.82 -3.87 0.00	32.78 -3.44 0.00	31.52 -3.27 0.00	31.30 -3.32 0.00	32.10 -3.41 0.00	35.87 -4.16 0.00	43.08 -5.82 0.00	48.26 -7.53 0.00	41.34 -6.23 0.00	37.81 -5.75 0.00	34.84 -5.11 0.00	32.49 -4.60 0.00	31.68 -4.40 0.00	31.57 -4.64 0.00	32.85 -4.61 0.00	36.13 -5.54 0.00	41.28 -5.16 0.00	48.78 -6.91 0.00	45.67 -5.82 0.00	37.93 -5.72 0.00	36.00 -6.11 0.00	33.88 -5.56 0.00	31.81 -4.97 0.00	31.46 -3.77 0.00
CH_RES_SYRACUSE 23985	38.14 -0.54 0.00	35.68 -0.54 0.00	34.27 -0.52 0.00	34.07 -0.56 0.00	34.98 -0.53 0.00	39.52 -0.52 0.00	48.42 -0.49 0.00	55.30 -0.50 0.00	47.09 -0.48 0.00	42.95 -0.61 0.00	39.27 -0.68 0.00	36.38 -0.71 0.00	35.37 -0.72 0.00	35.45 -0.76 0.00	36.79 -0.67 0.00	40.92 -0.75 0.00	45.97 -0.46 0.00	55.07 -0.61 0.00	50.98 -0.51 0.00	42.99 -0.65 0.00	41.30 -0.80 0.00	38.65 -0.79 0.00	36.00 -0.77 0.00	34.56 -0.67 0.00
CLINTON_WT_PWR 323605	39.73 1.04 0.00	37.20 0.98 0.00	35.69 0.90 0.00	35.52 0.90 0.00	36.47 0.96 0.00	41.00 0.96 0.00	49.59 0.68 0.00	56.64 0.84 0.00	48.42 0.86 0.00	44.51 0.96 0.00	40.95 1.00 0.00	38.20 1.11 0.00	37.17 1.08 0.00	37.26 1.05 0.00	38.51 1.05 0.00	42.63 0.96 0.00	47.00 0.56 0.00	56.52 0.84 0.00	52.21 0.72 0.00	44.52 0.87 0.00	43.16 1.05 0.00	40.39 0.95 0.00	37.58 0.81 0.00	35.97 0.74 0.00
CLINTON___LFGE 323618	40.43 1.74 0.00	37.81 1.59 0.00	36.28 1.49 0.00	36.11 1.49 0.00	37.07 1.56 0.00	41.72 1.68 0.00	50.47 1.56 0.00	57.75 1.95 0.00	49.42 1.85 0.00	45.39 1.83 0.00	41.75 1.80 0.00	38.94 1.85 0.00	37.93 1.84 0.00	37.95 1.74 0.00	39.22 1.76 0.00	43.42 1.75 0.00	47.92 1.49 0.00	57.68 2.00 0.00	53.29 1.80 0.00	45.43 1.79 0.00	44.04 1.94 0.00	41.22 1.78 0.00	38.29 1.51 0.00	36.61 1.37 0.00
COBBLENY_34_KV_TB1 80064	36.56 -2.13 0.00	34.23 -1.99 0.00	33.02 -1.77 0.00	32.79 -1.84 0.00	33.67 -1.85 0.00	37.68 -2.36 0.00	45.38 -3.52 0.00	51.17 -4.63 0.00	43.76 -3.81 0.00	39.98 -3.57 0.00	36.79 -3.16 0.00	34.20 -2.89 0.00	33.38 -2.71 0.00	33.28 -2.93 0.00	34.61 -2.85 0.00	38.30 -3.38 0.00	43.79 -2.65 0.00	52.73 -2.95 0.00	48.40 -3.09 0.00	40.24 -3.40 0.00	38.02 -4.08 0.00	36.17 -3.27 0.00	33.39 -3.38 0.00	33.08 -2.15 0.00
COFFEEN___115KV_TB3 355620	38.84 0.15 0.00	36.29 0.07 0.00	34.79 0.00 0.00	34.69 0.07 0.00	35.66 0.14 0.00	40.36 0.32 0.00	49.74 0.83 0.00	57.08 1.28 0.00	48.42 0.86 0.00	44.08 0.52 0.00	40.11 0.16 0.00	37.12 0.04 0.00	35.94 -0.14 0.00	36.03 -0.18 0.00	37.39 -0.07 0.00	41.80 0.13 0.00	47.23 0.79 0.00	57.19 1.50 0.00	52.52 1.03 0.00	44.25 0.61 0.00	42.48 0.38 0.00	39.64 0.20 0.00	36.74 -0.04 0.00	35.13 -0.11 0.00
COLDSPRG_115KV_BK1 355956	38.06 -0.62 0.00	35.60 -0.62 0.00	34.27 -0.52 0.00	34.04 -0.59 0.00	34.95 -0.57 0.00	39.24 -0.80 0.00	47.24 -1.66 0.00	53.57 -2.23 0.00	45.81 -1.76 0.00	41.77 -1.79 0.00	38.39 -1.56 0.00	35.68 -1.41 0.00	34.79 -1.30 0.00	34.69 -1.52 0.00	36.08 -1.39 0.00	39.75 -1.92 0.00	45.51 -0.93 0.00	54.79 -0.89 0.00	50.15 -1.34 0.00	41.68 -1.96 0.00	39.37 -2.74 0.00	37.55 -1.89 0.00	34.64 -2.13 0.00	34.14 -1.09 0.00
COLONIE_LFGE___ 323577	39.96 1.27 0.00	37.41 1.19 0.00	35.97 1.18 0.00	35.80 1.18 0.00	36.76 1.24 0.00	41.52 1.48 0.00	51.25 2.35 0.00	58.59 2.79 0.00	49.80 2.24 0.00	45.17 1.61 0.00	41.27 1.32 0.00	38.27 1.19 0.00	37.24 1.15 0.00	37.40 1.19 0.00	38.74 1.27 0.00	43.29 1.62 0.00	48.58 2.14 0.00	58.24 2.56 0.00	53.86 2.37 0.00	45.61 1.97 0.00	43.79 1.69 0.00	41.02 1.58 0.00	38.29 1.51 0.00	36.64 1.41 0.00
COOPERNY_115KV_TB1 80082	39.65 0.97 0.00	37.12 0.91 0.00	35.62 0.83 0.00	35.49 0.87 0.00	36.33 0.82 0.00	41.08 1.04 0.00	50.62 1.71 0.00	58.03 2.23 0.00	49.23 1.66 0.00	44.99 1.44 0.00	41.19 1.24 0.00	38.20 1.11 0.00	37.17 1.08 0.00	37.37 1.16 0.00	38.55 1.09 0.00	42.96 1.29 0.00	48.16 1.72 0.00	57.91 2.23 0.00	53.40 1.91 0.00	45.17 1.53 0.00	43.45 1.35 0.00	40.70 1.26 0.00	37.99 1.21 0.00	36.29 1.06 0.00
COPENHAGEN_WT_PWR 323753	38.53 -0.15 0.00	36.00 -0.22 0.00	34.55 -0.24 0.00	34.42 -0.21 0.00	35.34 -0.18 0.00	40.00 -0.04 0.00	49.20 0.30 0.00	56.41 0.61 0.00	47.90 0.34 0.00	43.64 0.09 0.00	39.75 -0.20 0.00	36.83 -0.26 0.00	35.69 -0.40 0.00	35.78 -0.43 0.00	37.09 -0.37 0.00	41.42 -0.25 0.00	46.72 0.28 0.00	56.40 0.72 0.00	51.90 0.41 0.00	43.77 0.13 0.00	42.06 -0.04 0.00	39.29 -0.16 0.00	36.44 -0.33 0.00	34.88 -0.35 0.00
CORNELL_____ 23752	39.42 0.73 0.00	36.87 0.65 0.00	35.42 0.63 0.00	35.21 0.59 0.00	36.15 0.64 0.00	40.88 0.84 0.00	50.18 1.27 0.00	57.47 1.67 0.00	48.80 1.24 0.00	44.43 0.87 0.00	40.51 0.56 0.00	37.46 0.37 0.00	36.41 0.32 0.00	36.53 0.33 0.00	37.91 0.45 0.00	42.13 0.46 0.00	47.55 1.11 0.00	57.30 1.61 0.00	52.83 1.34 0.00	44.43 0.79 0.00	42.61 0.51 0.00	39.88 0.43 0.00	37.00 0.22 0.00	35.59 0.35 0.00

CORONA__69_KV_TB1 355595	45.17 2.51 -3.97	40.64 2.39 -2.03	38.04 2.26 -0.99	38.20 2.25 -1.32	40.05 2.24 -2.30	46.08 2.64 -3.40	59.47 3.81 -6.76	76.89 4.80 -16.29	60.16 3.85 -8.74	52.18 3.44 -5.18	54.39 3.08 -11.37	50.19 2.89 -10.21	44.03 2.81 -5.13	46.84 2.90 -7.73	46.89 2.85 -6.58	51.83 3.29 -6.87	63.85 3.90 -13.51	81.23 4.96 -20.59	74.46 4.43 -18.53	71.91 3.58 -24.69	65.98 3.24 -20.63	58.04 3.04 -15.56	54.34 2.94 -14.62	48.45 2.64 -10.58
CORTLAND__115KV_TB3 80093	38.99 0.31 0.00	36.47 0.25 0.00	35.03 0.24 0.00	34.83 0.21 0.00	35.76 0.25 0.00	40.44 0.40 0.00	49.64 0.73 0.00	56.75 0.95 0.00	48.23 0.67 0.00	43.95 0.39 0.00	40.15 0.20 0.00	37.16 0.07 0.00	36.12 0.04 0.00	36.25 0.04 0.00	37.57 0.11 0.00	41.80 0.13 0.00	47.09 0.65 0.00	56.63 0.95 0.00	52.21 0.72 0.00	43.95 0.31 0.00	42.19 0.08 0.00	39.52 0.08 0.00	36.70 -0.07 0.00	35.27 0.04 0.00
COXSACKIE__GT 23611	41.43 2.75 0.00	38.79 2.57 0.00	37.26 2.47 0.00	37.05 2.42 0.00	37.96 2.45 0.00	42.88 2.84 0.00	53.35 4.45 0.00	60.43 4.63 0.00	51.18 3.61 0.00	46.26 2.70 0.00	41.83 1.88 0.00	38.50 1.41 0.00	37.17 1.08 0.00	37.44 1.23 0.00	38.85 1.39 0.00	43.88 2.21 0.00	49.83 3.39 0.00	59.86 4.18 0.00	55.25 3.76 0.00	46.83 3.18 0.00	45.09 2.99 0.00	42.09 2.64 0.00	39.09 2.32 0.00	37.56 2.32 0.00
CPV_VALLEY__CC1 323721	39.69 1.00 0.00	37.16 0.94 0.00	35.66 0.87 0.00	35.52 0.90 0.00	36.36 0.85 0.00	41.12 1.08 0.00	50.76 1.86 0.00	58.20 2.40 0.00	49.42 1.85 0.00	45.17 1.61 0.00	41.31 1.36 0.00	38.31 1.22 0.00	37.28 1.19 0.00	37.48 1.27 0.00	38.62 1.16 0.00	43.09 1.42 0.00	48.30 1.86 0.00	57.97 2.28 0.00	53.61 2.11 0.00	45.30 1.66 0.00	43.53 1.43 0.00	40.86 1.42 0.00	38.10 1.32 0.00	36.39 1.16 0.00
CPV_VALLEY__CC2 323722	39.69 1.00 0.00	37.16 0.94 0.00	35.66 0.87 0.00	35.52 0.90 0.00	36.36 0.85 0.00	41.12 1.08 0.00	50.76 1.86 0.00	58.20 2.40 0.00	49.42 1.85 0.00	45.17 1.61 0.00	41.31 1.36 0.00	38.31 1.22 0.00	37.28 1.19 0.00	37.48 1.27 0.00	38.62 1.16 0.00	43.09 1.42 0.00	48.30 1.86 0.00	57.97 2.28 0.00	53.61 2.11 0.00	45.30 1.66 0.00	43.53 1.43 0.00	40.86 1.42 0.00	38.10 1.32 0.00	36.39 1.16 0.00
CRESCENT__HYD 24018	39.96 1.27 0.00	37.41 1.19 0.00	35.97 1.18 0.00	35.80 1.18 0.00	36.76 1.24 0.00	41.52 1.48 0.00	51.25 2.35 0.00	58.59 2.79 0.00	49.80 2.24 0.00	45.17 1.61 0.00	41.27 1.32 0.00	38.27 1.19 0.00	37.24 1.15 0.00	37.40 1.19 0.00	38.74 1.27 0.00	43.29 1.62 0.00	48.58 2.14 0.00	58.24 2.56 0.00	53.86 2.37 0.00	45.61 1.97 0.00	43.79 1.69 0.00	41.02 1.58 0.00	38.29 1.51 0.00	36.64 1.41 0.00
CRICKET__VALLEY_CC1 323756	40.04 1.35 0.00	37.52 1.30 0.00	36.08 1.29 0.00	35.94 1.32 0.00	36.79 1.28 0.00	41.52 1.48 0.00	51.35 2.44 0.00	58.87 3.07 0.00	49.99 2.42 0.00	45.52 1.96 0.00	41.59 1.64 0.00	38.65 1.56 0.00	37.67 1.59 0.00	37.84 1.63 0.00	39.04 1.57 0.00	43.63 1.96 0.00	48.90 2.46 0.00	58.69 3.00 0.00	54.22 2.73 0.00	45.82 2.18 0.00	44.04 1.94 0.00	41.34 1.89 0.00	38.58 1.80 0.00	36.89 1.66 0.00
CRICKET__VALLEY_CC2 323757	40.04 1.35 0.00	37.52 1.30 0.00	36.08 1.29 0.00	35.94 1.32 0.00	36.79 1.28 0.00	41.52 1.48 0.00	51.35 2.44 0.00	58.87 3.07 0.00	49.99 2.42 0.00	45.52 1.96 0.00	41.59 1.64 0.00	38.65 1.56 0.00	37.67 1.59 0.00	37.84 1.63 0.00	39.04 1.57 0.00	43.63 1.96 0.00	48.90 2.46 0.00	58.69 3.00 0.00	54.22 2.73 0.00	45.82 2.18 0.00	44.04 1.94 0.00	41.34 1.89 0.00	38.58 1.80 0.00	36.89 1.66 0.00
CRICKET__VALLEY_CC3 323758	40.04 1.35 0.00	37.52 1.30 0.00	36.08 1.29 0.00	35.94 1.32 0.00	36.79 1.28 0.00	41.52 1.48 0.00	51.35 2.44 0.00	58.87 3.07 0.00	49.99 2.42 0.00	45.52 1.96 0.00	41.59 1.64 0.00	38.65 1.56 0.00	37.67 1.59 0.00	37.84 1.63 0.00	39.04 1.57 0.00	43.63 1.96 0.00	48.90 2.46 0.00	58.69 3.00 0.00	54.22 2.73 0.00	45.82 2.18 0.00	44.04 1.94 0.00	41.34 1.89 0.00	38.58 1.80 0.00	36.89 1.66 0.00
CRUCIBLE_METL_DRP 24180	38.14 -0.54 0.00	35.68 -0.54 0.00	34.27 -0.52 0.00	34.07 -0.55 0.00	34.98 -0.53 0.00	39.52 -0.52 0.00	48.42 -0.49 0.00	55.30 -0.50 0.00	47.09 -0.48 0.00	42.90 -0.65 0.00	39.27 -0.68 0.00	36.35 -0.74 0.00	35.37 -0.72 0.00	35.45 -0.76 0.00	36.75 -0.71 0.00	40.92 -0.75 0.00	45.97 -0.46 0.00	55.24 -0.45 0.00	50.98 -0.51 0.00	42.99 -0.65 0.00	41.30 -0.80 0.00	38.69 -0.75 0.00	35.97 -0.81 0.00	34.56 -0.67 0.00
DAHOWA__HYDRO 323763	40.38 1.70 0.00	37.81 1.59 0.00	36.36 1.57 0.00	36.22 1.59 0.00	37.11 1.60 0.00	42.04 2.00 0.00	52.04 3.13 0.00	59.59 3.80 0.00	50.61 3.05 0.00	45.82 2.26 0.00	41.79 1.84 0.00	38.65 1.56 0.00	37.53 1.45 0.00	37.62 1.41 0.00	39.04 1.57 0.00	43.80 2.12 0.00	49.23 2.79 0.00	59.14 3.45 0.00	54.69 3.19 0.00	46.22 2.57 0.00	44.33 2.23 0.00	41.49 2.05 0.00	38.69 1.91 0.00	36.92 1.69 0.00
DANC__LFGE 323619	38.03 -0.66 0.00	35.57 -0.65 0.00	34.13 -0.66 0.00	33.97 -0.66 0.00	34.88 -0.64 0.00	39.44 -0.60 0.00	48.42 -0.49 0.00	55.47 -0.33 0.00	47.14 -0.43 0.00	42.95 -0.61 0.00	39.19 -0.76 0.00	36.31 -0.78 0.00	35.22 -0.87 0.00	35.31 -0.90 0.00	36.60 -0.86 0.00	40.84 -0.83 0.00	45.97 -0.46 0.00	55.35 -0.33 0.00	51.08 -0.41 0.00	43.08 -0.57 0.00	41.39 -0.72 0.00	38.73 -0.71 0.00	35.97 -0.81 0.00	34.46 -0.78 0.00
DANSKAMMER__1 23586	40.62 1.93 0.00	38.03 1.81 0.00	36.53 1.74 0.00	36.36 1.73 0.00	37.18 1.67 0.00	42.08 2.04 0.00	52.08 3.18 0.00	59.65 3.85 0.00	50.61 3.05 0.00	46.21 2.66 0.00	42.19 2.24 0.00	39.05 1.96 0.00	37.96 1.88 0.00	38.16 1.95 0.00	39.33 1.87 0.00	44.00 2.33 0.00	49.50 3.06 0.00	59.47 3.79 0.00	54.94 3.45 0.00	46.44 2.80 0.00	44.63 2.53 0.00	41.85 2.41 0.00	38.98 2.21 0.00	37.21 1.97 0.00
DANSKAMMER__2 23589	40.62 1.93 0.00	38.03 1.81 0.00	36.53 1.74 0.00	36.36 1.73 0.00	37.18 1.67 0.00	42.08 2.04 0.00	52.08 3.18 0.00	59.65 3.85 0.00	50.61 3.05 0.00	46.21 2.66 0.00	42.19 2.24 0.00	39.05 1.96 0.00	37.96 1.88 0.00	38.16 1.95 0.00	39.33 1.87 0.00	44.00 2.33 0.00	49.50 3.06 0.00	59.47 3.79 0.00	54.94 3.45 0.00	46.44 2.80 0.00	44.63 2.53 0.00	41.85 2.41 0.00	38.98 2.21 0.00	37.21 1.97 0.00
DANSKAMMER__3 23590	40.62 1.93 0.00	38.03 1.81 0.00	36.53 1.74 0.00	36.36 1.73 0.00	37.18 1.67 0.00	42.08 2.04 0.00	52.08 3.18 0.00	59.65 3.85 0.00	50.61 3.05 0.00	46.21 2.66 0.00	42.19 2.24 0.00	39.05 1.96 0.00	37.96 1.88 0.00	38.16 1.95 0.00	39.33 1.87 0.00	44.00 2.33 0.00	49.50 3.06 0.00	59.47 3.79 0.00	54.94 3.45 0.00	46.44 2.80 0.00	44.63 2.53 0.00	41.85 2.41 0.00	38.98 2.21 0.00	37.21 1.97 0.00

DANSKAMMER___4 23591	40.62 1.93 0.00	38.03 1.81 0.00	36.53 1.74 0.00	36.36 1.73 0.00	37.18 1.67 0.00	42.08 2.04 0.00	52.08 3.18 0.00	59.65 3.85 0.00	50.61 3.05 0.00	46.21 2.66 0.00	42.19 2.24 0.00	39.05 1.96 0.00	37.96 1.88 0.00	38.16 1.95 0.00	39.33 1.87 0.00	44.00 2.33 0.00	49.50 3.06 0.00	59.47 3.79 0.00	54.94 3.45 0.00	46.44 2.80 0.00	44.63 2.53 0.00	41.85 2.41 0.00	38.98 2.21 0.00	37.21 1.97 0.00
DANSKAMMER___DIESEL 23592	40.62 1.93 0.00	38.03 1.81 0.00	36.53 1.74 0.00	36.36 1.73 0.00	37.18 1.67 0.00	42.08 2.04 0.00	52.08 3.18 0.00	59.65 3.85 0.00	50.61 3.04 0.00	46.17 2.61 0.00	42.19 2.24 0.00	39.05 1.97 0.00	37.97 1.88 0.00	38.16 1.96 0.00	39.34 1.87 0.00	44.00 2.33 0.00	49.50 3.06 0.00	59.58 3.90 0.00	54.94 3.45 0.00	46.44 2.79 0.00	44.67 2.57 0.00	41.81 2.37 0.00	39.02 2.24 0.00	37.21 1.97 0.00
DARBY___SOLAR 323810	40.35 1.66 0.00	37.78 1.56 0.00	36.32 1.53 0.00	36.18 1.56 0.00	37.07 1.56 0.00	41.96 1.92 0.00	51.94 3.03 0.00	59.42 3.62 0.00	50.47 2.90 0.00	45.73 2.18 0.00	41.75 1.80 0.00	38.61 1.52 0.00	37.53 1.45 0.00	37.62 1.41 0.00	39.04 1.57 0.00	43.75 2.08 0.00	49.13 2.69 0.00	59.02 3.34 0.00	54.53 3.04 0.00	46.13 2.49 0.00	44.25 2.15 0.00	41.41 1.97 0.00	38.61 1.84 0.00	36.89 1.66 0.00
DASHVILLE___HYD 23610	40.15 1.47 0.00	37.63 1.41 0.00	36.15 1.36 0.00	35.97 1.35 0.00	36.83 1.31 0.00	41.60 1.56 0.00	51.40 2.49 0.00	58.76 2.96 0.00	49.85 2.28 0.00	45.47 1.92 0.00	41.59 1.64 0.00	38.53 1.45 0.00	37.42 1.34 0.00	37.66 1.45 0.00	38.77 1.31 0.00	43.38 1.71 0.00	48.95 2.51 0.00	58.91 3.23 0.00	54.27 2.78 0.00	45.91 2.27 0.00	44.17 2.06 0.00	41.41 1.97 0.00	38.69 1.91 0.00	36.92 1.69 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	46.60 3.95 -3.97	41.91 3.66 -2.03	39.32 3.55 -0.99	39.51 3.57 -1.32	41.40 3.59 -2.30	47.76 4.32 -3.40	61.98 6.31 -6.76	80.03 7.92 -16.31	62.54 6.23 -8.74	54.02 5.27 -5.19	56.08 4.75 -11.37	51.76 4.45 -10.22	45.55 4.33 -5.13	48.36 4.42 -7.74	48.62 4.57 -6.59	53.75 5.21 -6.87	66.56 6.59 -13.53	84.58 8.30 -20.61	77.62 7.57 -18.55	74.54 6.20 -24.70	68.44 5.68 -20.65	60.30 5.29 -15.58	56.23 4.82 -14.63	50.19 4.37 -10.58
DELAWARE___LFGE 323621	39.88 1.20 0.00	37.38 1.16 0.00	35.87 1.08 0.00	35.70 1.07 0.00	36.61 1.10 0.00	41.40 1.36 0.00	51.01 2.10 0.00	58.37 2.57 0.00	49.56 2.00 0.00	45.17 1.61 0.00	41.35 1.40 0.00	38.27 1.19 0.00	37.21 1.12 0.00	37.37 1.16 0.00	38.66 1.20 0.00	43.09 1.42 0.00	48.44 2.00 0.00	58.30 2.62 0.00	53.76 2.27 0.00	45.43 1.79 0.00	43.62 1.52 0.00	40.82 1.38 0.00	37.99 1.21 0.00	36.40 1.16 0.00
DERFIELD_115KV_TB7 355931	38.80 0.12 0.00	36.36 0.14 0.00	34.89 0.10 0.00	34.76 0.14 0.00	35.66 0.14 0.00	40.24 0.20 0.00	49.34 0.44 0.00	56.36 0.56 0.00	47.99 0.43 0.00	43.82 0.26 0.00	40.15 0.20 0.00	37.24 0.15 0.00	36.23 0.14 0.00	36.39 0.18 0.00	37.61 0.15 0.00	41.92 0.25 0.00	46.86 0.42 0.00	56.24 0.56 0.00	51.91 0.41 0.00	43.95 0.31 0.00	42.31 0.21 0.00	39.64 0.20 0.00	36.92 0.15 0.00	35.37 0.14 0.00
DOGLEVILLE___HYD 23807	39.07 0.39 0.00	36.58 0.36 0.00	35.10 0.31 0.00	34.97 0.35 0.00	35.87 0.36 0.00	40.52 0.48 0.00	49.68 0.78 0.00	56.75 0.95 0.00	48.32 0.76 0.00	44.12 0.56 0.00	40.31 0.36 0.00	37.50 0.41 0.00	36.49 0.40 0.00	36.65 0.44 0.00	37.87 0.41 0.00	42.17 0.50 0.00	47.18 0.74 0.00	56.46 0.78 0.00	52.06 0.57 0.00	44.04 0.39 0.00	42.31 0.21 0.00	39.56 0.12 0.00	36.89 0.11 0.00	35.30 0.07 0.00
DUNKIRK___115KV_TB_200 55889	36.87 -1.82 0.00	34.48 -1.74 0.00	33.26 -1.53 0.00	33.03 -1.59 0.00	33.92 -1.60 0.00	38.00 -2.04 0.00	45.82 -3.08 0.00	51.78 -4.02 0.00	44.24 -3.33 0.00	40.42 -3.14 0.00	37.19 -2.76 0.00	34.60 -2.48 0.00	33.74 -2.35 0.00	33.64 -2.57 0.00	34.99 -2.47 0.00	38.67 -3.00 0.00	44.26 -2.18 0.00	53.23 -2.45 0.00	48.76 -2.73 0.00	40.63 -3.01 0.00	38.36 -3.75 0.00	36.44 -3.00 0.00	33.65 -3.13 0.00	33.30 -1.94 0.00
DUNKIRK___1 23563	36.87 -1.82 0.00	34.48 -1.74 0.00	33.26 -1.53 0.00	33.03 -1.59 0.00	33.92 -1.60 0.00	38.00 -2.04 0.00	45.82 -3.08 0.00	51.78 -4.02 0.00	44.24 -3.33 0.00	40.42 -3.14 0.00	37.19 -2.76 0.00	34.60 -2.48 0.00	33.74 -2.35 0.00	33.64 -2.57 0.00	34.99 -2.47 0.00	38.67 -3.00 0.00	44.26 -2.18 0.00	53.23 -2.45 0.00	48.76 -2.73 0.00	40.63 -3.01 0.00	38.36 -3.75 0.00	36.44 -3.00 0.00	33.65 -3.13 0.00	33.30 -1.94 0.00
DUNKIRK___2 23564	36.87 -1.82 0.00	34.48 -1.74 0.00	33.26 -1.53 0.00	33.03 -1.59 0.00	33.92 -1.60 0.00	38.00 -2.04 0.00	45.82 -3.08 0.00	51.78 -4.02 0.00	44.24 -3.33 0.00	40.42 -3.14 0.00	37.19 -2.76 0.00	34.60 -2.48 0.00	33.74 -2.35 0.00	33.64 -2.57 0.00	34.99 -2.47 0.00	38.67 -3.00 0.00	44.26 -2.18 0.00	53.23 -2.45 0.00	48.76 -2.73 0.00	40.63 -3.01 0.00	38.36 -3.75 0.00	36.44 -3.00 0.00	33.65 -3.13 0.00	33.30 -1.94 0.00
DUNKIRK___3 23565	36.75 -1.93 0.00	34.41 -1.81 0.00	33.19 -1.60 0.00	32.96 -1.66 0.00	33.81 -1.70 0.00	37.92 -2.12 0.00	45.73 -3.18 0.00	51.61 -4.18 0.00	44.09 -3.47 0.00	40.29 -3.27 0.00	37.07 -2.88 0.00	34.45 -2.63 0.00	33.63 -2.45 0.00	33.53 -2.68 0.00	34.84 -2.62 0.00	38.50 -3.17 0.00	44.02 -2.41 0.00	53.01 -2.67 0.00	48.56 -2.94 0.00	40.41 -3.23 0.00	38.19 -3.92 0.00	36.29 -3.16 0.00	33.50 -3.27 0.00	33.15 -2.08 0.00
DUNKIRK___4 23566	36.75 -1.93 0.00	34.41 -1.81 0.00	33.15 -1.64 0.00	32.96 -1.66 0.00	33.81 -1.70 0.00	37.88 -2.16 0.00	45.68 -3.23 0.00	51.56 -4.24 0.00	44.09 -3.47 0.00	40.25 -3.31 0.00	37.03 -2.92 0.00	34.45 -2.63 0.00	33.63 -2.45 0.00	33.53 -2.68 0.00	34.84 -2.62 0.00	38.50 -3.17 0.00	44.07 -2.37 0.00	53.07 -2.62 0.00	48.61 -2.88 0.00	40.41 -3.23 0.00	38.19 -3.92 0.00	36.29 -3.16 0.00	33.50 -3.27 0.00	33.15 -2.08 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.42 1.74 0.00	37.89 1.67 0.00	36.32 1.53 0.00	36.18 1.56 0.00	37.04 1.53 0.00	41.88 1.84 0.00	51.84 2.93 0.00	59.65 3.85 0.00	50.66 3.09 0.00	46.26 2.70 0.00	42.35 2.40 0.00	39.31 2.23 0.00	38.29 2.20 0.00	38.45 2.24 0.00	39.63 2.17 0.00	44.21 2.54 0.00	49.55 3.11 0.00	59.64 3.95 0.00	55.00 3.50 0.00	46.44 2.79 0.00	44.63 2.53 0.00	41.81 2.37 0.00	39.09 2.32 0.00	37.21 1.97 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.23 1.55 0.00	37.70 1.48 0.00	36.18 1.39 0.00	36.01 1.38 0.00	36.86 1.35 0.00	41.68 1.64 0.00	51.59 2.69 0.00	59.09 3.29 0.00	50.13 2.57 0.00	45.73 2.18 0.00	41.83 1.88 0.00	38.79 1.71 0.00	37.71 1.62 0.00	37.91 1.70 0.00	39.07 1.61 0.00	43.67 2.00 0.00	49.04 2.60 0.00	59.02 3.34 0.00	54.43 2.94 0.00	46.00 2.36 0.00	44.25 2.15 0.00	41.41 1.97 0.00	38.69 1.91 0.00	36.89 1.66 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	40.90 2.20 -0.01	38.32 2.10 0.00	36.74 1.95 0.00	36.56 1.94 0.00	37.43 1.92 0.00	42.08 2.04 0.00	51.94 3.03 0.00	59.82 4.02 0.00	50.80 3.23 0.00	46.51 2.96 0.01	42.51 2.56 0.00	39.46 2.37 0.00	38.47 2.38 0.00	38.64 2.43 0.00	39.78 2.32 0.00	44.38 2.71 0.00	49.64 3.20 0.00	59.86 4.18 0.00	55.15 3.66 0.00	46.52 2.88 0.00	44.67 2.57 0.00	41.89 2.45 0.00	39.31 2.54 0.00	37.56 2.33 0.00
E179THST_13_KV_LOAD 356214	41.05 2.36 -0.01	38.46 2.25 0.00	36.88 2.09 0.00	36.67 2.04 0.00	37.54 2.02 0.00	42.24 2.20 0.00	52.18 3.28 0.00	60.04 4.24 0.00	51.04 3.47 0.00	46.68 3.14 0.01	42.71 2.76 0.00	39.65 2.56 0.00	38.62 2.53 0.00	38.82 2.61 0.00	39.93 2.47 0.00	44.59 2.92 0.00	49.92 3.48 0.00	60.19 4.51 0.00	55.46 3.97 0.00	46.74 3.10 0.00	44.88 2.78 0.00	42.05 2.60 0.00	39.46 2.68 0.00	37.70 2.47 0.00
EAST HAMPTON___GT 23717	47.07 4.41 -3.97	42.31 4.06 -2.03	39.74 3.96 -0.99	39.89 3.95 -1.32	41.83 4.01 -2.30	48.24 4.80 -3.40	62.61 6.94 -6.76	80.81 8.70 -16.31	63.20 6.89 -8.74	54.58 5.84 -5.19	56.60 5.27 -11.37	52.20 4.90 -10.22	45.99 4.76 -5.13	48.76 4.82 -7.74	49.03 4.98 -6.59	54.25 5.71 -6.87	67.21 7.24 -13.53	85.19 8.91 -20.61	78.34 8.29 -18.55	75.15 6.81 -24.70	69.03 6.27 -20.65	60.85 5.84 -15.58	56.67 5.26 -14.63	50.61 4.79 -10.58
EAST RIVER___6 23660	40.54 1.86 0.00	37.96 1.74 0.00	36.42 1.64 0.00	36.29 1.66 0.00	37.11 1.60 0.00	42.00 1.96 0.00	51.99 3.08 0.00	59.87 4.07 0.00	50.89 3.33 0.00	46.69 3.14 0.00	42.63 2.68 0.00	39.57 2.49 0.00	38.58 2.49 0.00	38.74 2.53 0.00	39.90 2.43 0.00	44.51 2.84 0.00	49.88 3.44 0.00	59.91 4.23 0.00	55.30 3.81 0.00	46.65 3.01 0.00	44.76 2.65 0.00	42.04 2.60 0.00	39.20 2.43 0.00	37.35 2.11 0.00
EAST RIVER___7 23524	40.54 1.86 0.00	37.96 1.74 0.00	36.42 1.64 0.00	36.29 1.66 0.00	37.11 1.60 0.00	42.00 1.96 0.00	51.99 3.08 0.00	59.87 4.07 0.00	50.89 3.33 0.00	46.69 3.14 0.00	42.63 2.68 0.00	39.57 2.49 0.00	38.58 2.49 0.00	38.74 2.53 0.00	39.90 2.43 0.00	44.51 2.84 0.00	49.88 3.44 0.00	59.91 4.23 0.00	55.30 3.81 0.00	46.65 3.01 0.00	44.76 2.65 0.00	42.04 2.60 0.00	39.20 2.43 0.00	37.35 2.11 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.39 1.70 0.00	37.85 1.63 0.00	36.29 1.50 0.00	36.15 1.52 0.00	37.00 1.49 0.00	41.84 1.80 0.00	51.74 2.84 0.00	59.54 3.74 0.00	50.51 2.95 0.00	46.13 2.57 0.00	42.27 2.32 0.00	39.20 2.11 0.00	38.18 2.09 0.00	38.35 2.14 0.00	39.52 2.06 0.00	44.09 2.42 0.00	49.41 2.97 0.00	59.47 3.79 0.00	54.84 3.35 0.00	46.31 2.66 0.00	44.50 2.40 0.00	41.69 2.25 0.00	38.98 2.21 0.00	37.14 1.90 0.00
EAST_HAMPTON___DIESEL 23722	47.10 4.45 -3.97	42.31 4.06 -2.03	39.74 3.96 -0.99	39.93 3.98 -1.32	41.83 4.01 -2.30	48.24 4.80 -3.40	62.61 6.94 -6.76	80.81 8.70 -16.31	63.20 6.89 -8.74	54.62 5.88 -5.19	56.64 5.31 -11.37	52.20 4.90 -10.22	45.99 4.76 -5.13	48.80 4.85 -7.74	49.07 5.02 -6.59	54.25 5.71 -6.87	67.21 7.24 -13.53	85.19 8.91 -20.61	78.39 8.34 -18.55	75.15 6.81 -24.70	69.03 6.27 -20.65	60.85 5.84 -15.58	56.67 5.26 -14.63	50.61 4.79 -10.58
EAST_PULASKI___ESR 323781	37.68 -1.01 0.00	35.24 -0.98 0.00	33.85 -0.94 0.00	33.69 -0.93 0.00	34.59 -0.92 0.00	39.08 -0.96 0.00	47.78 -1.12 0.00	54.63 -1.17 0.00	46.47 -1.09 0.00	42.38 -1.18 0.00	38.75 -1.20 0.00	35.86 -1.22 0.00	34.86 -1.23 0.00	34.94 -1.27 0.00	36.23 -1.24 0.00	40.38 -1.29 0.00	45.37 -1.07 0.00	54.62 -1.06 0.00	50.36 -1.13 0.00	42.47 -1.18 0.00	40.84 -1.26 0.00	38.38 -1.06 0.00	35.64 -1.14 0.00	34.18 -1.06 0.00
EAST_RIVER___1 323558	40.54 1.86 0.00	37.96 1.74 0.00	36.42 1.64 0.00	36.29 1.66 0.00	37.15 1.63 0.00	42.00 1.96 0.00	51.94 3.03 0.00	59.82 4.02 0.00	50.80 3.24 0.00	46.56 3.00 0.00	42.55 2.60 0.00	39.50 2.41 0.00	38.47 2.38 0.00	38.67 2.46 0.00	39.79 2.32 0.00	44.42 2.75 0.00	49.74 3.30 0.00	59.74 4.06 0.00	55.15 3.66 0.00	46.57 2.92 0.00	44.67 2.57 0.00	42.00 2.56 0.00	39.17 2.39 0.00	37.35 2.11 0.00
EAST_RIVER___2 323559	40.54 1.86 0.00	37.96 1.74 0.00	36.42 1.64 0.00	36.29 1.66 0.00	37.11 1.60 0.00	42.00 1.96 0.00	51.99 3.08 0.00	59.87 4.07 0.00	50.89 3.33 0.00	46.69 3.14 0.00	42.63 2.68 0.00	39.57 2.49 0.00	38.58 2.49 0.00	38.74 2.53 0.00	39.90 2.43 0.00	44.51 2.84 0.00	49.88 3.44 0.00	59.91 4.23 0.00	55.30 3.81 0.00	46.65 3.01 0.00	44.76 2.65 0.00	42.04 2.60 0.00	39.20 2.43 0.00	37.35 2.11 0.00
EAST___DELAWARE_HYD 23607	40.89 2.20 0.00	38.28 2.06 0.00	36.74 1.95 0.00	36.56 1.94 0.00	37.43 1.92 0.00	42.40 2.36 0.00	52.57 3.67 0.00	60.10 4.30 0.00	50.94 3.38 0.00	46.52 2.96 0.00	42.39 2.44 0.00	39.20 2.11 0.00	38.00 1.91 0.00	38.24 2.03 0.00	39.41 1.95 0.00	44.13 2.46 0.00	49.88 3.44 0.00	59.97 4.29 0.00	55.30 3.81 0.00	46.79 3.14 0.00	44.97 2.86 0.00	42.13 2.68 0.00	39.20 2.43 0.00	37.42 2.19 0.00
EIGHT_POINT___WT_PWR 323820	40.04 1.35 0.00	37.52 1.30 0.00	36.04 1.25 0.00	35.80 1.18 0.00	36.79 1.28 0.00	41.52 1.48 0.00	50.86 1.96 0.00	58.20 2.40 0.00	49.47 1.90 0.00	44.91 1.35 0.00	40.91 0.96 0.00	37.83 0.74 0.00	36.85 0.76 0.00	36.86 0.65 0.00	38.29 0.82 0.00	40.71 -0.96 0.00	46.39 -0.05 0.00	55.30 -0.39 0.00	51.34 -0.15 0.00	42.81 -0.83 0.00	40.80 -1.31 0.00	38.26 -1.18 0.00	35.64 -1.14 0.00	34.63 -0.60 0.00
ELBRIDGE_115KV_TB2 80188	37.95 -0.73 0.00	35.49 -0.72 0.00	34.13 -0.66 0.00	33.93 -0.69 0.00	34.80 -0.71 0.00	39.32 -0.72 0.00	48.17 -0.73 0.00	55.02 -0.78 0.00	46.85 -0.71 0.00	42.69 -0.87 0.00	39.07 -0.88 0.00	36.20 -0.89 0.00	35.22 -0.87 0.00	35.30 -0.91 0.00	36.60 -0.86 0.00	40.67 -1.00 0.00	45.74 -0.70 0.00	54.96 -0.72 0.00	50.72 -0.77 0.00	42.77 -0.87 0.00	41.05 -1.05 0.00	38.50 -0.95 0.00	35.78 -0.99 0.00	34.39 -0.85 0.00
ELEC_TRO_TEK 24086	45.02 2.36 -3.97	40.46 2.21 -2.03	37.86 2.09 -0.99	38.06 2.11 -1.32	39.91 2.10 -2.30	45.92 2.48 -3.40	59.38 3.72 -6.76	76.78 4.69 -16.29	60.06 3.76 -8.74	52.09 3.35 -5.18	54.32 3.00 -11.37	50.04 2.74 -10.21	43.92 2.71 -5.13	46.69 2.75 -7.73	46.74 2.70 -6.58	51.66 3.13 -6.87	63.71 3.76 -13.51	81.06 4.79 -20.59	74.30 4.27 -18.54	71.78 3.45 -24.69	65.85 3.12 -20.64	57.96 2.96 -15.56	54.23 2.83 -14.63	48.31 2.50 -10.58
ELLENBURG_WT_PWR 323604	39.73 1.04 0.00	37.20 0.98 0.00	35.69 0.90 0.00	35.52 0.90 0.00	36.47 0.96 0.00	41.00 0.96 0.00	49.59 0.68 0.00	56.64 0.84 0.00	48.42 0.86 0.00	44.51 0.96 0.00	40.95 1.00 0.00	38.20 1.11 0.00	37.17 1.08 0.00	37.26 1.05 0.00	38.51 1.05 0.00	42.63 0.96 0.00	47.00 0.56 0.00	56.52 0.84 0.00	52.21 0.72 0.00	44.52 0.87 0.00	43.16 1.05 0.00	40.39 0.95 0.00	37.58 0.81 0.00	35.97 0.74 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	36.13 -2.55 0.00	33.83 -2.39 0.00	32.67 -2.12 0.00	32.44 -2.18 0.00	33.28 -2.24 0.00	37.24 -2.80 0.00	44.85 -4.06 0.00	50.50 -5.30 0.00	43.14 -4.42 0.00	39.46 -4.09 0.00	36.32 -3.64 0.00	33.79 -3.30 0.00	32.99 -3.10 0.00	32.88 -3.33 0.00	34.17 -3.30 0.00	37.75 -3.92 0.00	43.23 -3.20 0.00	52.01 -3.68 0.00	47.68 -3.81 0.00	39.67 -3.97 0.00	37.47 -4.63 0.00	35.66 -3.79 0.00	32.92 -3.86 0.00	32.66 -2.57 0.00
EMPIRE_CC_1 323656	39.53 0.85 0.00	37.02 0.80 0.00	35.59 0.80 0.00	35.42 0.80 0.00	36.33 0.82 0.00	41.04 1.00 0.00	50.61 1.71 0.00	57.70 1.90 0.00	49.18 1.62 0.00	44.69 1.13 0.00	40.71 0.76 0.00	37.83 0.74 0.00	36.85 0.76 0.00	37.00 0.80 0.00	38.25 0.79 0.00	42.71 1.04 0.00	47.88 1.44 0.00	57.30 1.62 0.00	52.99 1.49 0.00	44.95 1.31 0.00	43.20 1.09 0.00	40.47 1.02 0.00	37.92 1.14 0.00	36.29 1.06 0.00
EMPIRE_CC_2 323658	39.53 0.85 0.00	37.02 0.80 0.00	35.59 0.80 0.00	35.42 0.80 0.00	36.33 0.82 0.00	41.04 1.00 0.00	50.61 1.71 0.00	57.70 1.90 0.00	49.18 1.62 0.00	44.69 1.13 0.00	40.71 0.76 0.00	37.83 0.74 0.00	36.85 0.76 0.00	37.00 0.80 0.00	38.25 0.79 0.00	42.71 1.04 0.00	47.88 1.44 0.00	57.30 1.62 0.00	52.99 1.49 0.00	44.95 1.31 0.00	43.20 1.09 0.00	40.47 1.02 0.00	37.92 1.14 0.00	36.29 1.06 0.00
ENORWICH_115KV_TB1 80156	42.36 3.67 0.00	39.62 3.40 0.00	37.89 3.10 0.00	37.78 3.15 0.00	38.75 3.23 0.00	44.00 3.96 0.00	54.28 5.38 0.00	62.38 6.58 0.00	52.65 5.09 0.00	47.91 4.36 0.00	43.47 3.52 0.00	39.98 2.89 0.00	38.58 2.49 0.00	38.82 2.61 0.00	40.27 2.81 0.00	45.05 3.38 0.00	51.41 4.97 0.00	62.48 6.79 0.00	57.36 5.87 0.00	48.10 4.45 0.00	45.98 3.87 0.00	42.87 3.43 0.00	39.42 2.65 0.00	37.88 2.64 0.00
ERIE_ST__34_KV_TB1-2 80199	36.98 -1.70 0.00	34.63 -1.59 0.00	33.36 -1.43 0.00	33.17 -1.45 0.00	34.02 -1.49 0.00	38.12 -1.92 0.00	45.92 -2.98 0.00	51.89 -3.91 0.00	44.38 -3.19 0.00	40.51 -3.05 0.00	37.27 -2.68 0.00	34.64 -2.45 0.00	33.82 -2.27 0.00	33.71 -2.50 0.00	35.06 -2.40 0.00	38.71 -2.96 0.00	44.30 -2.14 0.00	53.34 -2.34 0.00	48.92 -2.57 0.00	40.68 -2.97 0.00	38.44 -3.66 0.00	36.56 -2.88 0.00	33.76 -3.02 0.00	33.37 -1.87 0.00
ERIE_WT_PWR 323693	36.48 -2.20 0.00	34.30 -1.92 0.00	32.94 -1.84 0.00	32.72 -1.90 0.00	33.60 -1.92 0.00	37.60 -2.44 0.00	45.24 -3.67 0.00	51.00 -4.80 0.00	43.62 -3.95 0.00	39.85 -3.70 0.00	36.68 -3.28 0.00	34.16 -2.93 0.00	33.27 -2.81 0.00	33.20 -3.00 0.00	34.54 -2.92 0.00	38.17 -3.50 0.00	43.65 -2.79 0.00	51.67 -4.01 0.00	48.25 -3.24 0.00	40.11 -3.53 0.00	38.06 -4.04 0.00	35.81 -3.63 0.00	33.50 -3.27 0.00	32.98 -2.26 0.00
ESPRGFLD_115KV_TB1 80157	40.77 2.09 0.00	38.25 2.03 0.00	36.67 1.88 0.00	36.56 1.94 0.00	37.50 1.99 0.00	42.52 2.48 0.00	52.62 3.72 0.00	60.32 4.52 0.00	51.13 3.57 0.00	46.52 2.96 0.00	42.47 2.52 0.00	39.20 2.11 0.00	38.00 1.91 0.00	38.16 1.96 0.00	39.56 2.10 0.00	44.21 2.54 0.00	49.92 3.48 0.00	60.25 4.57 0.00	55.51 4.02 0.00	46.83 3.19 0.00	44.84 2.74 0.00	41.89 2.45 0.00	38.87 2.10 0.00	37.17 1.94 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.34 0.66 0.00	36.80 0.58 0.00	35.38 0.59 0.00	35.14 0.52 0.00	36.08 0.57 0.00	40.80 0.76 0.00	50.08 1.17 0.00	57.36 1.56 0.00	48.71 1.14 0.00	44.34 0.78 0.00	40.43 0.48 0.00	37.42 0.33 0.00	36.34 0.25 0.00	36.46 0.25 0.00	37.84 0.37 0.00	42.09 0.42 0.00	47.51 1.07 0.00	57.19 1.50 0.00	52.73 1.24 0.00	44.34 0.70 0.00	42.52 0.42 0.00	39.84 0.39 0.00	36.96 0.18 0.00	35.52 0.28 0.00
ETNA_____115KV_TB2 80207	39.34 0.66 0.00	36.80 0.58 0.00	35.38 0.59 0.00	35.14 0.52 0.00	36.08 0.57 0.00	40.80 0.76 0.00	50.08 1.17 0.00	57.36 1.56 0.00	48.71 1.14 0.00	44.34 0.78 0.00	40.43 0.48 0.00	37.42 0.33 0.00	36.34 0.25 0.00	36.46 0.25 0.00	37.84 0.37 0.00	42.09 0.42 0.00	47.51 1.07 0.00	57.19 1.50 0.00	52.73 1.24 0.00	44.34 0.70 0.00	42.52 0.42 0.00	39.84 0.39 0.00	36.96 0.18 0.00	35.52 0.28 0.00
EUCLID___115KV_TB2 356179	37.60 -1.08 0.00	35.21 -1.01 0.00	33.82 -0.97 0.00	33.66 -0.97 0.00	34.52 -0.99 0.00	39.00 -1.04 0.00	47.73 -1.17 0.00	54.51 -1.28 0.00	46.42 -1.14 0.00	42.38 -1.18 0.00	38.79 -1.16 0.00	35.94 -1.15 0.00	34.97 -1.12 0.00	35.05 -1.16 0.00	36.34 -1.12 0.00	40.42 -1.25 0.00	45.37 -1.07 0.00	54.51 -1.17 0.00	50.31 -1.18 0.00	42.42 -1.22 0.00	40.75 -1.35 0.00	38.22 -1.22 0.00	35.56 -1.21 0.00	34.18 -1.06 0.00
E_CANADA_CAP_HY 24051	41.08 2.40 0.00	38.54 2.32 0.00	36.98 2.19 0.00	36.87 2.25 0.00	37.82 2.31 0.00	42.92 2.88 0.00	53.31 4.40 0.00	61.16 5.36 0.00	51.85 4.28 0.00	47.00 3.44 0.00	42.83 2.88 0.00	39.50 2.41 0.00	38.25 2.17 0.00	38.42 2.21 0.00	39.86 2.40 0.00	44.75 3.08 0.00	50.48 4.04 0.00	60.80 5.12 0.00	56.13 4.64 0.00	47.35 3.71 0.00	45.34 3.24 0.00	42.32 2.88 0.00	39.31 2.54 0.00	37.52 2.29 0.00
E_CANADA_MHWK_HY 24050	39.07 0.39 0.00	36.58 0.36 0.00	35.10 0.31 0.00	34.97 0.35 0.00	35.87 0.36 0.00	40.52 0.48 0.00	49.68 0.78 0.00	56.75 0.95 0.00	48.32 0.76 0.00	44.12 0.56 0.00	40.31 0.36 0.00	37.50 0.41 0.00	36.49 0.40 0.00	36.65 0.44 0.00	37.87 0.41 0.00	42.17 0.50 0.00	47.18 0.74 0.00	56.46 0.78 0.00	52.06 0.57 0.00	44.04 0.39 0.00	42.31 0.21 0.00	39.56 0.12 0.00	36.89 0.11 0.00	35.30 0.07 0.00
E_FISHKILL___LBMP 23776	40.19 1.51 0.00	37.67 1.45 0.00	36.15 1.36 0.00	36.01 1.38 0.00	36.86 1.35 0.00	41.64 1.60 0.00	51.50 2.59 0.00	59.09 3.29 0.00	50.18 2.62 0.00	45.78 2.22 0.00	41.91 1.96 0.00	38.87 1.78 0.00	37.86 1.77 0.00	38.06 1.85 0.00	39.22 1.76 0.00	43.80 2.13 0.00	49.04 2.60 0.00	59.02 3.34 0.00	54.43 2.94 0.00	46.00 2.36 0.00	44.21 2.11 0.00	41.41 1.97 0.00	38.73 1.95 0.00	36.92 1.69 0.00
FALCON___SEABRD_CC1 323796	40.31 1.62 0.00	37.70 1.49 0.00	36.18 1.39 0.00	36.01 1.39 0.00	37.00 1.49 0.00	41.60 1.56 0.00	50.32 1.42 0.00	57.53 1.73 0.00	49.23 1.66 0.00	45.21 1.65 0.00	41.59 1.64 0.00	38.79 1.71 0.00	37.79 1.70 0.00	37.80 1.59 0.00	39.11 1.65 0.00	43.25 1.58 0.00	47.74 1.30 0.00	57.41 1.73 0.00	53.09 1.60 0.00	45.21 1.57 0.00	43.87 1.77 0.00	41.02 1.58 0.00	38.14 1.36 0.00	36.50 1.27 0.00
FALCON___SEABRD_CC2 323797	40.31 1.62 0.00	37.70 1.49 0.00	36.18 1.39 0.00	36.01 1.39 0.00	37.00 1.49 0.00	41.60 1.56 0.00	50.32 1.42 0.00	57.53 1.73 0.00	49.23 1.66 0.00	45.21 1.65 0.00	41.59 1.64 0.00	38.79 1.71 0.00	37.79 1.70 0.00	37.80 1.59 0.00	39.11 1.65 0.00	43.25 1.58 0.00	47.74 1.30 0.00	57.41 1.73 0.00	53.09 1.60 0.00	45.21 1.57 0.00	43.87 1.77 0.00	41.02 1.58 0.00	38.14 1.36 0.00	36.50 1.27 0.00

FAR ROCKAWAY___4 23548	45.48 2.82 -3.97	40.93 2.68 -2.03	38.28 2.50 -0.99	38.48 2.53 -1.32	40.34 2.52 -2.30	46.36 2.92 -3.40	59.57 3.91 -6.76	77.00 4.91 -16.29	60.30 4.00 -8.74	52.27 3.53 -5.18	54.47 3.16 -11.37	50.52 3.23 -10.21	44.36 3.14 -5.13	47.13 3.19 -7.73	47.19 3.15 -6.58	52.16 3.63 -6.87	63.99 4.04 -13.51	81.39 5.12 -20.59	74.61 4.58 -18.53	71.99 3.67 -24.69	66.10 3.37 -20.63	58.12 3.12 -15.56	54.38 2.98 -14.62	48.73 2.92 -10.58
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.62 1.93 0.00	38.03 1.81 0.00	36.49 1.70 0.00	36.32 1.70 0.00	37.18 1.67 0.00	42.04 2.00 0.00	51.99 3.08 0.00	59.82 4.02 0.00	50.80 3.23 0.00	46.52 2.96 0.00	42.59 2.64 0.00	39.54 2.45 0.00	38.51 2.42 0.00	38.67 2.46 0.00	39.82 2.36 0.00	44.42 2.75 0.00	49.74 3.30 0.00	59.91 4.23 0.00	55.20 3.71 0.00	46.61 2.97 0.00	44.75 2.65 0.00	41.97 2.52 0.00	39.28 2.50 0.00	37.38 2.15 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.58 1.90 0.00	38.03 1.81 0.00	36.49 1.70 0.00	36.32 1.70 0.00	37.18 1.67 0.00	42.04 2.00 0.00	51.99 3.08 0.00	59.82 4.02 0.00	50.80 3.23 0.00	46.52 2.96 0.00	42.59 2.64 0.00	39.54 2.45 0.00	38.51 2.42 0.00	38.67 2.46 0.00	39.82 2.36 0.00	44.42 2.75 0.00	49.74 3.30 0.00	59.91 4.23 0.00	55.20 3.71 0.00	46.61 2.97 0.00	44.80 2.69 0.00	41.97 2.52 0.00	39.28 2.50 0.00	37.38 2.15 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.54 1.86 0.00	37.99 1.77 0.00	36.46 1.67 0.00	36.29 1.66 0.00	37.15 1.63 0.00	42.00 1.96 0.00	51.94 3.03 0.00	59.82 4.02 0.00	50.80 3.23 0.00	46.47 2.92 0.00	42.55 2.60 0.00	39.50 2.41 0.00	38.47 2.38 0.00	38.67 2.46 0.00	39.78 2.32 0.00	44.42 2.75 0.00	49.69 3.25 0.00	59.86 4.18 0.00	55.15 3.66 0.00	46.57 2.92 0.00	44.75 2.65 0.00	41.93 2.48 0.00	39.24 2.46 0.00	37.35 2.11 0.00
FARRAGUT___LBMP 323566	40.54 1.86 0.00	37.96 1.74 0.00	36.42 1.64 0.00	36.29 1.66 0.00	37.15 1.63 0.00	41.96 1.92 0.00	51.94 3.03 0.00	59.76 3.96 0.00	50.75 3.19 0.00	46.43 2.87 0.00	42.51 2.56 0.00	39.46 2.37 0.00	38.43 2.35 0.00	38.64 2.43 0.00	39.75 2.29 0.00	44.38 2.71 0.00	49.64 3.20 0.00	59.80 4.12 0.00	55.10 3.60 0.00	46.52 2.88 0.00	44.71 2.61 0.00	41.93 2.48 0.00	39.20 2.43 0.00	37.31 2.08 0.00
FENNER___WINDPWR 24204	39.38 0.70 0.00	36.83 0.62 0.00	35.38 0.59 0.00	35.21 0.59 0.00	36.15 0.64 0.00	40.92 0.88 0.00	50.27 1.37 0.00	57.53 1.73 0.00	48.89 1.33 0.00	44.56 1.00 0.00	40.67 0.72 0.00	37.68 0.59 0.00	36.63 0.54 0.00	36.75 0.54 0.00	38.10 0.64 0.00	42.46 0.79 0.00	47.69 1.25 0.00	57.19 1.50 0.00	52.83 1.34 0.00	44.52 0.87 0.00	42.77 0.67 0.00	39.99 0.55 0.00	37.18 0.41 0.00	35.66 0.42 0.00
FIBERTEK___ENERGY 23856	38.14 -0.54 0.00	35.68 -0.54 0.00	34.27 -0.52 0.00	34.07 -0.55 0.00	34.98 -0.53 0.00	39.52 -0.52 0.00	48.42 -0.49 0.00	55.30 -0.50 0.00	47.09 -0.48 0.00	42.90 -0.65 0.00	39.27 -0.68 0.00	36.35 -0.74 0.00	35.37 -0.72 0.00	35.45 -0.76 0.00	36.75 -0.71 0.00	40.92 -0.75 0.00	45.97 -0.46 0.00	55.24 -0.45 0.00	50.98 -0.51 0.00	42.99 -0.65 0.00	41.30 -0.80 0.00	38.69 -0.75 0.00	35.97 -0.81 0.00	34.56 -0.67 0.00
FITZPATRICK___ 23598	37.13 -1.55 0.00	34.77 -1.45 0.00	33.40 -1.39 0.00	33.20 -1.42 0.00	34.09 -1.42 0.00	38.44 -1.60 0.00	47.05 -1.86 0.00	53.68 -2.12 0.00	45.71 -1.86 0.00	41.77 -1.79 0.00	38.27 -1.68 0.00	35.49 -1.59 0.00	34.50 -1.59 0.00	34.62 -1.59 0.00	35.85 -1.61 0.00	39.88 -1.79 0.00	44.67 -1.76 0.00	53.57 -2.12 0.00	49.54 -1.96 0.00	41.85 -1.79 0.00	40.25 -1.85 0.00	37.71 -1.73 0.00	35.16 -1.62 0.00	33.76 -1.48 0.00
FLOWRFLD_69_KV_BK1 356044	45.83 3.17 -3.97	41.22 2.97 -2.03	38.63 2.85 -0.99	38.79 2.84 -1.32	40.69 2.88 -2.30	46.88 3.44 -3.40	60.70 5.04 -6.76	78.41 6.31 -16.31	61.40 5.09 -8.74	53.19 4.44 -5.19	55.28 3.96 -11.37	50.98 3.67 -10.22	44.79 3.57 -5.13	47.60 3.66 -7.74	47.76 3.71 -6.59	52.79 4.25 -6.87	65.22 5.25 -13.53	82.86 6.57 -20.60	75.91 5.87 -18.55	73.19 4.84 -24.70	67.17 4.42 -20.65	59.12 4.10 -15.57	55.27 3.86 -14.63	49.27 3.45 -10.58
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.69 2.01 0.00	38.10 1.88 0.00	36.60 1.81 0.00	36.43 1.80 0.00	37.25 1.74 0.00	42.16 2.12 0.00	52.18 3.28 0.00	59.82 4.02 0.00	50.70 3.14 0.00	46.26 2.70 0.00	42.27 2.32 0.00	39.13 2.04 0.00	38.00 1.91 0.00	38.20 1.99 0.00	39.37 1.91 0.00	44.09 2.42 0.00	49.60 3.16 0.00	59.75 4.06 0.00	55.05 3.55 0.00	46.52 2.88 0.00	44.75 2.65 0.00	41.89 2.45 0.00	39.09 2.32 0.00	37.28 2.04 0.00
FORT ORANGE___ 23900	39.53 0.85 0.00	37.02 0.80 0.00	35.55 0.76 0.00	35.42 0.80 0.00	36.33 0.82 0.00	40.72 0.68 0.00	50.23 1.32 0.00	57.31 1.51 0.00	48.75 1.19 0.00	44.34 0.78 0.00	40.47 0.52 0.00	37.50 0.41 0.00	36.49 0.40 0.00	36.65 0.44 0.00	37.91 0.45 0.00	42.42 0.75 0.00	47.55 1.11 0.00	57.02 1.33 0.00	52.73 1.23 0.00	44.65 1.00 0.00	42.99 0.89 0.00	40.23 0.79 0.00	37.55 0.77 0.00	36.19 0.95 0.00
FORT_DRUM_COGEN 23780	38.68 0.00 0.00	36.15 -0.07 0.00	34.65 -0.14 0.00	34.52 -0.10 0.00	35.48 -0.04 0.00	40.16 0.12 0.00	49.39 0.49 0.00	56.69 0.89 0.00	48.14 0.57 0.00	43.82 0.26 0.00	39.95 0.00 0.00	37.01 -0.07 0.00	35.84 -0.25 0.00	35.92 -0.29 0.00	37.24 -0.22 0.00	41.59 -0.08 0.00	46.90 0.46 0.00	56.74 1.06 0.00	52.16 0.67 0.00	43.95 0.31 0.00	42.27 0.17 0.00	39.48 0.04 0.00	36.59 -0.18 0.00	34.99 -0.25 0.00
FOX_HILLS___ESR 323835	41.05 2.36 -0.01	38.39 2.17 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.21 4.41 0.00	51.08 3.52 0.00	46.83 3.27 -0.01	60.37 2.92 -17.50	39.80 2.71 0.00	44.08 2.67 -5.32	38.96 2.75 0.00	40.05 2.58 0.00	45.18 3.04 -0.46	49.97 3.53 0.00	60.36 4.68 0.00	55.61 4.12 0.00	46.87 3.23 0.00	45.01 2.91 0.00	42.30 2.84 -0.01	39.62 2.83 -0.01	37.77 2.54 0.00
FPL_FAR_ROCK_GT1 24212	45.48 2.82 -3.97	40.90 2.64 -2.03	38.28 2.51 -0.99	38.47 2.53 -1.32	40.34 2.52 -2.30	46.36 2.92 -3.40	59.57 3.91 -6.76	77.00 4.91 -16.29	60.30 4.00 -8.74	52.70 3.96 -5.18	54.83 3.52 -11.37	50.52 3.23 -10.21	44.35 3.14 -5.13	47.13 3.19 -7.73	47.19 3.15 -6.58	52.16 3.62 -6.87	63.99 4.04 -13.51	81.22 4.95 -20.59	74.56 4.53 -18.53	72.00 3.67 -24.69	66.06 3.33 -20.63	58.16 3.16 -15.56	54.34 2.94 -14.62	48.73 2.92 -10.58
FPL_FAR_ROCK_GT2 23815	45.48 2.82 -3.97	40.90 2.64 -2.03	38.28 2.51 -0.99	38.47 2.53 -1.32	40.34 2.52 -2.30	46.36 2.92 -3.40	59.57 3.91 -6.76	77.00 4.91 -16.29	60.30 4.00 -8.74	52.70 3.96 -5.18	54.83 3.52 -11.37	50.52 3.23 -10.21	44.35 3.14 -5.13	47.13 3.19 -7.73	47.19 3.15 -6.58	52.16 3.62 -6.87	63.99 4.04 -13.51	81.22 4.95 -20.59	74.56 4.53 -18.53	72.00 3.67 -24.69	66.06 3.33 -20.63	58.16 3.16 -15.56	54.34 2.94 -14.62	48.73 2.92 -10.58

FRANKLIN_FALL_HYD 24054	39.81 1.12 0.00	37.23 1.01 0.00	35.73 0.94 0.00	35.56 0.93 0.00	36.51 0.99 0.00	41.04 1.00 0.00	49.69 0.78 0.00	56.86 1.06 0.00	48.66 1.09 0.00	44.78 1.22 0.00	41.15 1.20 0.00	38.42 1.34 0.00	37.39 1.30 0.00	37.44 1.23 0.00	38.70 1.24 0.00	42.75 1.08 0.00	47.14 0.70 0.00	56.57 0.89 0.00	52.47 0.98 0.00	44.73 1.09 0.00	43.41 1.31 0.00	40.59 1.14 0.00	37.73 0.96 0.00	36.08 0.85 0.00
FREEPORT_EQUS_GT1 23764	45.32 2.67 -3.97	40.75 2.50 -2.03	38.14 2.37 -0.99	38.34 2.39 -1.32	40.19 2.38 -2.30	46.20 2.76 -3.40	59.77 4.11 -6.76	77.28 5.19 -16.30	60.49 4.19 -8.74	52.44 3.70 -5.19	54.60 3.28 -11.37	50.30 3.00 -10.21	44.18 2.96 -5.13	46.95 3.00 -7.73	47.00 2.96 -6.58	52.00 3.46 -6.87	64.05 4.09 -13.52	81.29 5.01 -20.59	74.67 4.64 -18.54	72.04 3.71 -24.69	66.11 3.37 -20.64	58.36 3.35 -15.56	54.53 3.12 -14.63	48.60 2.78 -10.58
FREEPORT___CT2 23818	45.32 2.67 -3.97	40.75 2.50 -2.03	38.14 2.37 -0.99	38.34 2.39 -1.32	40.19 2.38 -2.30	46.20 2.76 -3.40	59.77 4.11 -6.76	77.28 5.19 -16.30	60.49 4.19 -8.74	52.44 3.70 -5.19	54.60 3.28 -11.37	50.30 3.00 -10.21	44.18 2.96 -5.13	46.95 3.00 -7.73	47.00 2.96 -6.58	52.00 3.46 -6.87	64.05 4.09 -13.52	81.29 5.01 -20.59	74.67 4.64 -18.54	72.04 3.71 -24.69	66.11 3.37 -20.64	58.36 3.35 -15.56	54.53 3.12 -14.63	48.60 2.78 -10.58
FRESHKLS_33_KV_LOAD 356253	41.01 2.32 -0.01	38.39 2.17 0.00	36.77 1.98 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.16 2.12 0.00	52.18 3.28 0.00	59.98 4.18 0.00	50.85 3.28 0.00	46.57 3.01 -0.01	49.51 2.64 -6.92	39.54 2.45 0.00	40.60 2.42 -2.10	36.29 2.50 2.42	39.78 2.32 0.00	44.64 2.79 -0.18	49.74 3.30 0.00	60.03 4.34 0.00	55.36 3.86 0.00	46.66 3.01 0.00	44.80 2.69 0.00	42.10 2.64 -0.01	39.51 2.72 -0.01	37.70 2.47 0.00
FULTON COGEN____ 23766	37.52 -1.16 0.00	35.13 -1.09 0.00	33.75 -1.04 0.00	33.55 -1.07 0.00	34.45 -1.07 0.00	38.92 -1.12 0.00	47.58 -1.32 0.00	54.40 -1.39 0.00	46.33 -1.24 0.00	42.25 -1.31 0.00	38.67 -1.28 0.00	35.83 -1.26 0.00	34.86 -1.23 0.00	34.94 -1.27 0.00	36.23 -1.24 0.00	40.34 -1.33 0.00	45.28 -1.16 0.00	54.40 -1.28 0.00	50.21 -1.29 0.00	42.33 -1.31 0.00	40.71 -1.39 0.00	38.18 -1.26 0.00	35.53 -1.25 0.00	34.11 -1.13 0.00
FULTON___LFGE 323630	43.21 4.52 0.00	40.53 4.31 0.00	38.93 4.14 0.00	38.88 4.26 0.00	39.88 4.37 0.00	45.41 5.37 0.00	56.68 7.78 0.00	65.12 9.32 0.00	55.08 7.51 0.00	49.70 6.14 0.00	45.18 5.23 0.00	41.43 4.34 0.00	40.06 3.97 0.00	40.19 3.98 0.00	41.92 4.46 0.00	47.38 5.71 0.00	53.54 7.11 0.00	64.54 8.85 0.00	59.37 7.88 0.00	50.15 6.50 0.00	47.87 5.77 0.00	44.69 5.25 0.00	41.45 4.67 0.00	39.46 4.23 0.00
G.F.CEMENT___DRP 24184	40.58 1.90 0.00	37.96 1.74 0.00	36.49 1.70 0.00	36.36 1.73 0.00	37.25 1.74 0.00	42.24 2.20 0.00	52.38 3.47 0.00	60.04 4.24 0.00	50.99 3.42 0.00	46.13 2.57 0.00	42.03 2.08 0.00	38.83 1.74 0.00	37.68 1.59 0.00	37.77 1.56 0.00	39.22 1.76 0.00	44.00 2.33 0.00	49.50 3.06 0.00	59.64 3.95 0.00	55.00 3.50 0.00	46.48 2.84 0.00	44.54 2.44 0.00	41.65 2.21 0.00	38.84 2.06 0.00	37.03 1.80 0.00
GARDENVILLE___LBMP 24039	36.32 -2.36 0.00	34.01 -2.21 0.00	32.81 -1.98 0.00	32.58 -2.04 0.00	33.45 -2.06 0.00	37.44 -2.60 0.00	45.09 -3.81 0.00	50.78 -5.02 0.00	43.43 -4.14 0.00	39.68 -3.88 0.00	36.52 -3.44 0.00	33.97 -3.12 0.00	33.17 -2.92 0.00	33.06 -3.15 0.00	34.35 -3.11 0.00	38.00 -3.67 0.00	43.51 -2.93 0.00	52.34 -3.34 0.00	47.99 -3.50 0.00	39.93 -3.71 0.00	37.72 -4.38 0.00	35.89 -3.55 0.00	33.14 -3.64 0.00	32.84 -2.40 0.00
GARDNVLA_35_KV_LD 355827	36.52 -2.17 0.00	34.19 -2.03 0.00	32.98 -1.81 0.00	32.75 -1.87 0.00	33.60 -1.92 0.00	37.64 -2.40 0.00	45.29 -3.62 0.00	51.06 -4.74 0.00	43.66 -3.90 0.00	39.90 -3.66 0.00	36.71 -3.24 0.00	34.16 -2.93 0.00	33.35 -2.74 0.00	33.24 -2.97 0.00	34.54 -2.92 0.00	38.25 -3.42 0.00	43.75 -2.69 0.00	52.68 -3.01 0.00	48.30 -3.19 0.00	40.15 -3.49 0.00	37.93 -4.17 0.00	36.05 -3.39 0.00	33.32 -3.46 0.00	33.01 -2.22 0.00
GELCKHM___115KV_LOAD 80723	37.79 -0.89 0.00	35.39 -0.83 0.00	33.99 -0.80 0.00	33.79 -0.83 0.00	34.70 -0.82 0.00	39.20 -0.84 0.00	47.98 -0.93 0.00	54.85 -0.95 0.00	46.66 -0.90 0.00	42.60 -0.96 0.00	38.99 -0.96 0.00	36.09 -1.00 0.00	35.11 -0.97 0.00	35.20 -1.01 0.00	36.49 -0.97 0.00	40.59 -1.08 0.00	45.60 -0.84 0.00	54.79 -0.89 0.00	50.57 -0.93 0.00	42.64 -1.00 0.00	40.97 -1.14 0.00	38.42 -1.03 0.00	35.71 -1.07 0.00	34.32 -0.92 0.00
GENERAL___MILLS 23808	36.44 -2.24 0.00	34.12 -2.10 0.00	32.91 -1.88 0.00	32.72 -1.90 0.00	33.56 -1.95 0.00	37.56 -2.48 0.00	45.24 -3.67 0.00	50.94 -4.85 0.00	43.57 -4.00 0.00	39.81 -3.75 0.00	36.63 -3.32 0.00	34.08 -3.00 0.00	33.27 -2.81 0.00	33.17 -3.04 0.00	34.47 -3.00 0.00	38.17 -3.50 0.00	43.65 -2.79 0.00	52.56 -3.12 0.00	48.20 -3.30 0.00	40.06 -3.58 0.00	37.85 -4.25 0.00	36.01 -3.43 0.00	33.25 -3.53 0.00	32.94 -2.29 0.00
GE_PLASTICS___DRP 24183	39.42 0.73 0.00	36.91 0.69 0.00	35.45 0.66 0.00	35.32 0.69 0.00	36.19 0.67 0.00	40.84 0.80 0.00	50.32 1.42 0.00	57.47 1.67 0.00	48.85 1.28 0.00	44.47 0.91 0.00	40.67 0.72 0.00	37.72 0.63 0.00	36.70 0.61 0.00	36.86 0.65 0.00	38.14 0.67 0.00	42.59 0.92 0.00	47.69 1.25 0.00	57.24 1.56 0.00	52.88 1.39 0.00	44.78 1.13 0.00	43.07 0.97 0.00	40.35 0.91 0.00	37.70 0.92 0.00	36.08 0.85 0.00
GILBOA___1 23756	39.50 0.81 0.00	36.98 0.76 0.00	35.52 0.73 0.00	35.39 0.76 0.00	36.26 0.75 0.00	40.96 0.92 0.00	50.42 1.52 0.00	57.53 1.73 0.00	48.89 1.33 0.00	44.65 1.09 0.00	40.91 0.96 0.00	37.94 0.85 0.00	36.92 0.83 0.00	37.08 0.87 0.00	38.32 0.86 0.00	42.75 1.08 0.00	47.83 1.39 0.00	57.24 1.56 0.00	53.04 1.54 0.00	44.95 1.31 0.00	43.20 1.09 0.00	40.51 1.07 0.00	37.77 0.99 0.00	36.15 0.91 0.00
GILBOA___2 23757	39.50 0.81 0.00	36.98 0.76 0.00	35.52 0.73 0.00	35.39 0.76 0.00	36.26 0.75 0.00	40.96 0.92 0.00	50.42 1.52 0.00	57.53 1.73 0.00	48.89 1.33 0.00	44.65 1.09 0.00	40.91 0.96 0.00	37.94 0.85 0.00	36.92 0.83 0.00	37.08 0.87 0.00	38.32 0.86 0.00	42.75 1.08 0.00	47.83 1.39 0.00	57.24 1.56 0.00	53.04 1.54 0.00	44.95 1.31 0.00	43.20 1.09 0.00	40.51 1.07 0.00	37.77 0.99 0.00	36.15 0.91 0.00
GILBOA___3 23758	39.50 0.81 0.00	36.98 0.76 0.00	35.52 0.73 0.00	35.39 0.76 0.00	36.26 0.75 0.00	40.96 0.92 0.00	50.42 1.52 0.00	57.53 1.73 0.00	48.89 1.33 0.00	44.65 1.09 0.00	40.91 0.96 0.00	37.94 0.85 0.00	36.92 0.83 0.00	37.08 0.87 0.00	38.32 0.86 0.00	42.75 1.08 0.00	47.83 1.39 0.00	57.24 1.56 0.00	53.04 1.54 0.00	44.95 1.31 0.00	43.20 1.09 0.00	40.51 1.07 0.00	37.77 0.99 0.00	36.15 0.91 0.00

GILBOA___4 23759	39.50 0.81 0.00	36.98 0.76 0.00	35.52 0.73 0.00	35.39 0.76 0.00	36.26 0.75 0.00	40.96 0.92 0.00	50.42 1.52 0.00	57.53 1.73 0.00	48.89 1.33 0.00	44.65 1.09 0.00	40.91 0.96 0.00	37.94 0.85 0.00	36.92 0.83 0.00	37.08 0.87 0.00	38.32 0.86 0.00	42.75 1.08 0.00	47.83 1.39 0.00	57.24 1.56 0.00	53.04 1.54 0.00	44.95 1.31 0.00	43.20 1.09 0.00	40.51 1.07 0.00	37.77 0.99 0.00	36.15 0.91 0.00
GILBOA____ 23599	39.50 0.81 0.00	36.98 0.76 0.00	35.52 0.73 0.00	35.39 0.76 0.00	36.26 0.75 0.00	40.96 0.92 0.00	50.42 1.52 0.00	57.53 1.73 0.00	48.90 1.33 0.00	44.60 1.05 0.00	40.91 0.96 0.00	37.94 0.85 0.00	36.92 0.83 0.00	37.08 0.87 0.00	38.32 0.86 0.00	42.75 1.08 0.00	47.83 1.39 0.00	57.30 1.61 0.00	53.04 1.54 0.00	44.95 1.31 0.00	43.20 1.09 0.00	40.47 1.03 0.00	37.81 1.03 0.00	36.15 0.92 0.00
GINNA____ 23603	35.55 -3.13 0.00	33.29 -2.93 0.00	32.00 -2.78 0.00	31.79 -2.84 0.00	32.64 -2.88 0.00	36.80 -3.24 0.00	44.85 -4.06 0.00	51.11 -4.69 0.00	43.57 -4.00 0.00	39.72 -3.83 0.00	36.40 -3.56 0.00	33.68 -3.41 0.00	32.81 -3.28 0.00	32.80 -3.41 0.00	34.13 -3.33 0.00	37.80 -3.87 0.00	42.82 -3.62 0.00	51.17 -4.51 0.00	47.48 -4.02 0.00	39.80 -3.84 0.00	38.02 -4.08 0.00	35.62 -3.83 0.00	33.25 -3.53 0.00	32.13 -3.10 0.00
GLEN PARK____ 23778	38.72 0.04 0.00	36.18 -0.04 0.00	34.69 -0.10 0.00	34.59 -0.03 0.00	35.55 0.04 0.00	40.24 0.20 0.00	49.54 0.63 0.00	56.91 1.12 0.00	48.28 0.71 0.00	43.90 0.35 0.00	39.99 0.04 0.00	37.01 -0.07 0.00	35.84 -0.25 0.00	35.92 -0.29 0.00	37.28 -0.19 0.00	41.67 0.00 0.00	47.04 0.60 0.00	56.85 1.17 0.00	52.31 0.82 0.00	44.08 0.44 0.00	42.36 0.25 0.00	39.52 0.08 0.00	36.63 -0.15 0.00	35.02 -0.21 0.00
GLENDALE_27_KV_LOAD 356172	40.94 2.24 -0.01	38.32 2.10 0.00	36.77 1.98 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.28 2.24 0.00	52.33 3.42 0.00	60.26 4.46 0.00	51.23 3.66 0.00	46.92 3.35 -0.01	42.87 2.92 0.00	39.80 2.71 0.00	38.80 2.71 0.00	38.96 2.75 0.00	40.08 2.62 0.00	44.75 3.08 0.00	50.11 3.67 0.00	60.42 4.73 0.00	55.61 4.12 0.00	46.96 3.32 0.00	45.05 2.95 0.00	42.24 2.80 0.00	39.53 2.76 0.00	37.66 2.43 0.00
GLENWOOD_IC_1_G5 23712	45.25 -3.97 -3.97	40.68 -2.03 -2.03	38.07 2.30 -0.99	38.27 2.32 -1.32	40.09 2.27 -2.30	46.16 2.72 -3.40	59.48 3.81 -6.76	76.95 4.85 -16.29	60.25 3.95 -8.74	52.23 3.48 -5.18	54.44 3.12 -11.37	50.16 2.86 -10.21	44.14 2.92 -5.13	46.95 3.01 -7.73	46.82 2.77 -6.58	51.79 3.25 -6.87	63.90 3.95 -13.52	81.28 5.01 -20.59	74.51 4.48 -18.54	71.91 3.58 -24.69	65.98 3.24 -20.64	58.04 3.04 -15.56	54.31 2.91 -14.63	48.53 2.71 -10.58
GLENWOOD_IC_2_G1 23688	45.14 2.48 -3.97	40.54 2.28 -2.03	37.97 2.19 -0.99	38.13 2.18 -1.32	39.98 2.17 -2.30	46.00 2.56 -3.40	59.48 3.82 -6.76	76.89 4.80 -16.29	60.20 3.90 -8.74	52.27 3.53 -5.18	54.39 3.08 -11.37	50.12 2.82 -10.21	44.03 2.82 -5.13	46.80 2.86 -7.73	46.81 2.77 -6.58	51.75 3.21 -6.87	63.85 3.90 -13.51	81.06 4.79 -20.59	74.40 4.37 -18.53	71.86 3.53 -24.68	65.93 3.20 -20.63	58.08 3.08 -15.56	54.27 2.87 -14.62	48.42 2.61 -10.58
GLENWOOD_IC_3_G1 23689	45.14 2.48 -3.97	40.54 2.28 -2.03	37.97 2.19 -0.99	38.13 2.18 -1.32	39.98 2.17 -2.30	46.00 2.56 -3.40	59.48 3.82 -6.76	76.89 4.80 -16.29	60.20 3.90 -8.74	52.27 3.53 -5.18	54.39 3.08 -11.37	50.12 2.82 -10.21	44.03 2.82 -5.13	46.80 2.86 -7.73	46.81 2.77 -6.58	51.75 3.21 -6.87	63.85 3.90 -13.51	81.06 4.79 -20.59	74.40 4.37 -18.53	71.86 3.53 -24.68	65.93 3.20 -20.63	58.08 3.08 -15.56	54.27 2.87 -14.62	48.42 2.61 -10.58
GLENWOOD___4 23550	45.25 2.59 -3.97	40.68 2.43 -2.03	38.07 2.30 -0.99	38.27 2.32 -1.32	40.09 2.27 -2.30	46.16 2.72 -3.40	59.57 3.91 -6.76	77.00 4.91 -16.29	60.30 4.00 -8.74	52.27 3.53 -5.18	54.52 3.20 -11.37	50.19 2.89 -10.21	44.14 2.92 -5.13	46.95 3.01 -7.73	46.89 2.85 -6.58	51.83 3.29 -6.87	63.95 3.99 -13.52	81.34 5.07 -20.59	74.56 4.53 -18.54	71.95 3.62 -24.69	66.07 3.33 -20.64	58.12 3.12 -15.56	54.38 2.98 -14.63	48.53 2.71 -10.58
GLENWOOD___5 23614	45.25 2.59 -3.97	40.68 2.43 -2.03	38.07 2.30 -0.99	38.27 2.32 -1.32	40.09 2.27 -2.30	46.16 2.72 -3.40	59.57 3.91 -6.76	77.00 4.91 -16.29	60.30 4.00 -8.74	52.27 3.53 -5.18	54.52 3.20 -11.37	50.19 2.89 -10.21	44.14 2.92 -5.13	46.95 3.01 -7.73	46.89 2.85 -6.58	51.83 3.29 -6.87	63.95 3.99 -13.52	81.34 5.07 -20.59	74.56 4.53 -18.54	71.95 3.62 -24.69	66.07 3.33 -20.64	58.12 3.12 -15.56	54.38 2.98 -14.63	48.53 2.71 -10.58
GLOBAL GREEN_PORT_GT1 23814	47.03 4.37 -3.97	42.27 4.02 -2.03	39.67 3.90 -0.99	39.86 3.91 -1.32	41.76 3.94 -2.30	48.16 4.72 -3.40	62.56 6.90 -6.76	80.75 8.65 -16.31	63.16 6.85 -8.74	54.54 5.79 -5.19	56.56 5.23 -11.37	52.16 4.86 -10.22	45.95 4.73 -5.13	48.73 4.78 -7.74	48.99 4.94 -6.59	54.21 5.67 -6.87	67.17 7.20 -13.53	85.14 8.85 -20.61	78.28 8.24 -18.55	75.11 6.76 -24.70	68.98 6.23 -20.65	60.82 5.80 -15.58	56.63 5.22 -14.63	50.57 4.75 -10.58
GLOBE___DSASP 323697	34.70 -3.98 0.00	32.52 -3.69 0.00	31.41 -3.37 0.00	31.23 -3.39 0.00	32.03 -3.48 0.00	35.79 -4.24 0.00	42.94 -5.97 0.00	48.15 -7.64 0.00	41.19 -6.37 0.00	37.72 -5.84 0.00	34.76 -5.19 0.00	32.34 -4.75 0.00	31.61 -4.48 0.00	31.50 -4.71 0.00	32.74 -4.72 0.00	36.05 -5.63 0.00	41.28 -5.15 0.00	49.61 -6.07 0.00	45.52 -5.97 0.00	37.84 -5.80 0.00	35.70 -6.40 0.00	34.04 -5.40 0.00	31.44 -5.33 0.00	31.39 -3.84 0.00
GOETHSLN___LBMP 323567	40.31 1.62 0.00	37.78 1.56 0.00	36.25 1.46 0.00	36.08 1.45 0.00	36.93 1.42 0.00	41.72 1.68 0.00	51.59 2.69 0.00	59.43 3.63 0.00	50.47 2.90 0.00	46.21 2.66 0.00	42.31 2.36 0.00	39.31 2.23 0.00	38.29 2.20 0.00	38.45 2.24 0.00	39.60 2.14 0.00	44.17 2.50 0.00	49.36 2.93 0.00	59.47 3.79 0.00	54.79 3.30 0.00	46.26 2.62 0.00	44.50 2.40 0.00	41.73 2.29 0.00	39.06 2.28 0.00	37.14 1.90 0.00
GOLAH___69_KV_TB 1_2 80279	37.10 -1.59 0.00	34.73 -1.48 0.00	33.47 -1.32 0.00	33.20 -1.42 0.00	34.09 -1.42 0.00	38.40 -1.64 0.00	46.56 -2.35 0.00	52.67 -3.12 0.00	44.95 -2.62 0.00	40.99 -2.57 0.00	37.47 -2.48 0.00	34.71 -2.37 0.00	33.96 -2.13 0.00	33.93 -2.28 0.00	35.25 -2.21 0.00	38.92 -2.75 0.00	44.30 -2.14 0.00	53.29 -2.39 0.00	48.97 -2.52 0.00	40.94 -2.71 0.00	38.86 -3.24 0.00	36.68 -2.76 0.00	34.02 -2.76 0.00	33.33 -1.90 0.00
GOODYEAR_LAKE_HYD 323669	40.31 1.62 0.00	37.78 1.56 0.00	36.22 1.43 0.00	36.08 1.45 0.00	37.00 1.49 0.00	41.88 1.84 0.00	51.69 2.79 0.00	59.20 3.40 0.00	50.23 2.66 0.00	45.78 2.22 0.00	41.87 1.92 0.00	38.72 1.63 0.00	37.57 1.48 0.00	37.77 1.56 0.00	39.07 1.61 0.00	43.59 1.92 0.00	49.09 2.65 0.00	59.19 3.51 0.00	54.58 3.09 0.00	46.04 2.40 0.00	44.17 2.06 0.00	41.30 1.85 0.00	38.39 1.62 0.00	36.75 1.52 0.00

GOUDEY___1 345031	38.72 0.04 0.00	36.26 0.04 0.00	34.86 0.07 0.00	34.66 0.03 0.00	35.55 0.04 0.00	40.12 0.08 0.00	49.15 0.24 0.00	56.02 0.22 0.00	47.66 0.10 0.00	43.47 -0.09 0.00	39.75 -0.20 0.00	36.87 -0.22 0.00	35.87 -0.22 0.00	35.96 -0.25 0.00	37.27 -0.19 0.00	41.30 -0.38 0.00	46.58 0.14 0.00	56.02 0.33 0.00	51.65 0.15 0.00	43.47 -0.17 0.00	41.64 -0.46 0.00	39.09 -0.35 0.00	36.34 -0.44 0.00	35.06 -0.18 0.00
GOUDEY___7 23579	38.76 0.08 0.00	36.29 0.07 0.00	34.89 0.10 0.00	34.69 0.07 0.00	35.58 0.07 0.00	40.16 0.12 0.00	49.20 0.29 0.00	56.08 0.28 0.00	47.71 0.14 0.00	43.51 -0.04 0.00	39.79 -0.16 0.00	36.90 -0.19 0.00	35.91 -0.18 0.00	35.99 -0.22 0.00	37.31 -0.15 0.00	41.38 -0.29 0.00	46.62 0.19 0.00	56.07 0.39 0.00	51.70 0.21 0.00	43.51 -0.13 0.00	41.68 -0.42 0.00	39.13 -0.32 0.00	36.37 -0.40 0.00	35.09 -0.14 0.00
GOUDEY___8 23580	38.72 0.04 0.00	36.26 0.04 0.00	34.86 0.07 0.00	34.66 0.03 0.00	35.55 0.04 0.00	40.12 0.08 0.00	49.15 0.24 0.00	56.02 0.22 0.00	47.66 0.10 0.00	43.47 -0.09 0.00	39.75 -0.20 0.00	36.87 -0.22 0.00	35.87 -0.22 0.00	35.96 -0.25 0.00	37.27 -0.19 0.00	41.30 -0.38 0.00	46.58 0.14 0.00	56.02 0.33 0.00	51.65 0.15 0.00	43.47 -0.17 0.00	41.64 -0.46 0.00	39.09 -0.35 0.00	36.34 -0.44 0.00	35.06 -0.18 0.00
GOWANUS_GT1_1 24077	41.05 2.36 -0.01	38.39 2.17 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.33 3.42 0.00	60.26 4.46 0.00	51.18 3.61 0.00	46.92 3.35 -0.01	60.41 2.96 -17.50	39.83 2.74 0.00	44.15 2.74 -5.32	39.00 2.79 0.00	40.08 2.62 0.00	45.26 3.13 -0.46	50.06 3.62 0.00	60.42 4.73 0.00	55.66 4.17 0.00	46.96 3.32 0.00	45.05 2.95 0.00	42.30 2.84 -0.01	39.62 2.83 -0.01	37.74 -2.50 0.00
GOWANUS_GT1_2 24078	41.05 2.36 -0.01	38.39 2.17 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.33 3.42 0.00	60.26 4.46 0.00	51.18 3.61 0.00	46.92 3.35 -0.01	60.41 2.96 -17.50	39.83 2.74 0.00	44.15 2.74 -5.32	39.00 2.79 0.00	40.08 2.62 0.00	45.26 3.13 -0.46	50.06 3.62 0.00	60.42 4.73 0.00	55.66 4.17 0.00	46.96 3.32 0.00	45.05 2.95 0.00	42.30 2.84 -0.01	39.62 2.83 -0.01	37.74 -2.50 0.00
GOWANUS_GT1_3 24079	41.05 2.36 -0.01	38.39 2.17 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.33 3.42 0.00	60.26 4.46 0.00	51.18 3.61 0.00	46.92 3.35 -0.01	60.41 2.96 -17.50	39.83 2.74 0.00	44.15 2.74 -5.32	39.00 2.79 0.00	40.08 2.62 0.00	45.26 3.13 -0.46	50.06 3.62 0.00	60.42 4.73 0.00	55.66 4.17 0.00	46.96 3.32 0.00	45.05 2.95 0.00	42.30 2.84 -0.01	39.62 2.83 -0.01	37.74 -2.50 0.00
GOWANUS_GT1_4 24080	41.05 2.36 -0.01	38.39 2.17 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.33 3.42 0.00	60.26 4.46 0.00	51.18 3.61 0.00	46.92 3.35 -0.01	60.41 2.96 -17.50	39.83 2.74 0.00	44.15 2.74 -5.32	39.00 2.79 0.00	40.08 2.62 0.00	45.26 3.13 -0.46	50.06 3.62 0.00	60.42 4.73 0.00	55.66 4.17 0.00	46.96 3.32 0.00	45.05 2.95 0.00	42.30 2.84 -0.01	39.62 2.83 -0.01	37.74 -2.50 0.00
GOWANUS_GT1_5 24084	41.05 2.36 -0.01	38.39 2.17 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.33 3.42 0.00	60.26 4.46 0.00	51.18 3.61 0.00	46.92 3.35 -0.01	60.41 2.96 -17.50	39.83 2.74 0.00	44.15 2.74 -5.32	39.00 2.79 0.00	40.08 2.62 0.00	45.26 3.13 -0.46	50.06 3.62 0.00	60.42 4.73 0.00	55.66 4.17 0.00	46.96 3.32 0.00	45.05 2.95 0.00	42.30 2.84 -0.01	39.62 2.83 -0.01	37.74 -2.50 0.00
GOWANUS_GT1_6 24111	41.05 2.36 -0.01	38.39 2.17 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.33 3.42 0.00	60.26 4.46 0.00	51.18 3.61 0.00	46.92 3.35 -0.01	60.41 2.96 -17.50	39.83 2.74 0.00	44.15 2.74 -5.32	39.00 2.79 0.00	40.08 2.62 0.00	45.26 3.13 -0.46	50.06 3.62 0.00	60.42 4.73 0.00	55.66 4.17 0.00	46.96 3.32 0.00	45.05 2.95 0.00	42.30 2.84 -0.01	39.62 2.83 -0.01	37.74 -2.50 0.00
GOWANUS_GT1_7 24112	41.05 2.36 -0.01	38.39 2.17 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.33 3.42 0.00	60.26 4.46 0.00	51.18 3.61 0.00	46.92 3.35 -0.01	60.41 2.96 -17.50	39.83 2.74 0.00	44.15 2.74 -5.32	39.00 2.79 0.00	40.08 2.62 0.00	45.26 3.13 -0.46	50.06 3.62 0.00	60.42 4.73 0.00	55.66 4.17 0.00	46.96 3.32 0.00	45.05 2.95 0.00	42.30 2.84 -0.01	39.62 2.83 -0.01	37.74 -2.50 0.00
GOWANUS_GT1_8 24113	41.05 2.36 -0.01	38.39 2.17 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.33 3.42 0.00	60.26 4.46 0.00	51.18 3.61 0.00	46.92 3.35 -0.01	60.41 2.96 -17.50	39.83 2.74 0.00	44.15 2.74 -5.32	39.00 2.79 0.00	40.08 2.62 0.00	45.26 3.13 -0.46	50.06 3.62 0.00	60.42 4.73 0.00	55.66 4.17 0.00	46.96 3.32 0.00	45.05 2.95 0.00	42.30 2.84 -0.01	39.62 2.83 -0.01	37.74 -2.50 0.00
GOWANUS_GT2_1 24114	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	43.03 2.83 -3.99	40.12 2.66 0.00	45.30 3.17 -0.46	50.25 3.81 0.00	60.25 4.57 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.05 2.95 0.00	42.42 2.96 -0.01	39.62 2.83 -0.01	37.77 2.54 0.00
GOWANUS_GT2_2 24115	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	43.03 2.83 -3.99	40.12 2.66 0.00	45.30 3.17 -0.46	50.25 3.81 0.00	60.25 4.57 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.05 2.95 0.00	42.42 2.96 -0.01	39.62 2.83 -0.01	37.77 2.54 0.00
GOWANUS_GT2_3 24116	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	43.03 2.83 -3.99	40.12 2.66 0.00	45.30 3.17 -0.46	50.25 3.81 0.00	60.25 4.57 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.05 2.95 0.00	42.42 2.96 -0.01	39.62 2.83 -0.01	37.77 2.54 0.00
GOWANUS_GT2_4 24117	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	43.03 2.83 -3.99	40.12 2.66 0.00	45.30 3.17 -0.46	50.25 3.81 0.00	60.25 4.57 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.05 2.95 0.00	42.42 2.96 -0.01	39.62 2.83 -0.01	37.77 2.54 0.00

GOWANUS_GT2_5 24118	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	43.03 2.83 -3.99	40.12 2.66 0.00	45.30 3.17 -0.46	50.25 3.81 0.00	60.25 4.57 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.05 2.95 0.00	42.42 2.96 -0.01	39.62 2.83 -0.01	37.77 2.54 0.00
GOWANUS_GT2_6 24119	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	43.03 2.83 -3.99	40.12 2.66 0.00	45.30 3.17 -0.46	50.25 3.81 0.00	60.25 4.57 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.05 2.95 0.00	42.42 2.96 -0.01	39.62 2.83 -0.01	37.77 2.54 0.00
GOWANUS_GT2_7 24120	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	43.03 2.83 -3.99	40.12 2.66 0.00	45.30 3.17 -0.46	50.25 3.81 0.00	60.25 4.57 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.05 2.95 0.00	42.42 2.96 -0.01	39.62 2.83 -0.01	37.77 2.54 0.00
GOWANUS_GT2_8 24121	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	43.03 2.83 -3.99	40.12 2.66 0.00	45.30 3.17 -0.46	50.25 3.81 0.00	60.25 4.57 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.05 2.95 0.00	42.42 2.96 -0.01	39.62 2.83 -0.01	37.77 2.54 0.00
GOWANUS_GT3_1 24122	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.33 3.42 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.41 2.96 -17.50	39.83 2.74 0.00	44.15 2.74 -5.32	42.99 2.79 -3.99	40.08 2.62 0.00	45.26 3.13 -0.46	50.20 3.76 0.00	60.30 4.62 0.00	55.66 4.17 0.00	46.96 3.32 0.00	45.01 2.90 0.00	42.37 2.92 -0.01	39.58 2.79 -0.01	37.74 2.50 0.00
GOWANUS_GT3_2 24123	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.33 3.42 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.41 2.96 -17.50	39.83 2.74 0.00	44.15 2.74 -5.32	42.99 2.79 -3.99	40.08 2.62 0.00	45.26 3.13 -0.46	50.20 3.76 0.00	60.30 4.62 0.00	55.66 4.17 0.00	46.96 3.32 0.00	45.01 2.90 0.00	42.37 2.92 -0.01	39.58 2.79 -0.01	37.74 2.50 0.00
GOWANUS_GT3_3 24124	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.33 3.42 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.41 2.96 -17.50	39.83 2.74 0.00	44.15 2.74 -5.32	42.99 2.79 -3.99	40.08 2.62 0.00	45.26 3.13 -0.46	50.20 3.76 0.00	60.30 4.62 0.00	55.66 4.17 0.00	46.96 3.32 0.00	45.01 2.90 0.00	42.37 2.92 -0.01	39.58 2.79 -0.01	37.74 2.50 0.00
GOWANUS_GT3_4 24125	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.33 3.42 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.41 2.96 -17.50	39.83 2.74 0.00	44.15 2.74 -5.32	42.99 2.79 -3.99	40.08 2.62 0.00	45.26 3.13 -0.46	50.20 3.76 0.00	60.30 4.62 0.00	55.66 4.17 0.00	46.96 3.32 0.00	45.01 2.90 0.00	42.37 2.92 -0.01	39.58 2.79 -0.01	37.74 2.50 0.00
GOWANUS_GT3_5 24126	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.33 3.42 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.41 2.96 -17.50	39.83 2.74 0.00	44.15 2.74 -5.32	42.99 2.79 -3.99	40.08 2.62 0.00	45.26 3.13 -0.46	50.20 3.76 0.00	60.30 4.62 0.00	55.66 4.17 0.00	46.96 3.32 0.00	45.01 2.90 0.00	42.37 2.92 -0.01	39.58 2.79 -0.01	37.74 2.50 0.00
GOWANUS_GT3_6 24127	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.33 3.42 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.41 2.96 -17.50	39.83 2.74 0.00	44.15 2.74 -5.32	42.99 2.79 -3.99	40.08 2.62 0.00	45.26 3.13 -0.46	50.20 3.76 0.00	60.30 4.62 0.00	55.66 4.17 0.00	46.96 3.32 0.00	45.01 2.90 0.00	42.37 2.92 -0.01	39.58 2.79 -0.01	37.74 2.50 0.00
GOWANUS_GT3_7 24128	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.33 3.42 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.41 2.96 -17.50	39.83 2.74 0.00	44.15 2.74 -5.32	42.99 2.79 -3.99	40.08 2.62 0.00	45.26 3.13 -0.46	50.20 3.76 0.00	60.30 4.62 0.00	55.66 4.17 0.00	46.96 3.32 0.00	45.01 2.90 0.00	42.37 2.92 -0.01	39.58 2.79 -0.01	37.74 2.50 0.00
GOWANUS_GT3_8 24129	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.33 3.42 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.41 2.96 -17.50	39.83 2.74 0.00	44.15 2.74 -5.32	42.99 2.79 -3.99	40.08 2.62 0.00	45.26 3.13 -0.46	50.20 3.76 0.00	60.30 4.62 0.00	55.66 4.17 0.00	46.96 3.32 0.00	45.01 2.90 0.00	42.37 2.92 -0.01	39.58 2.79 -0.01	37.74 2.50 0.00
GOWANUS_GT4_1 24130	41.05 2.36 -0.01	38.39 2.17 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.26 4.46 0.00	51.18 3.61 0.00	46.92 3.35 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	39.03 2.82 0.00	40.12 2.66 0.00	45.30 3.17 -0.46	50.01 3.58 0.00	60.42 4.73 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.09 2.99 0.00	42.33 2.88 -0.01	39.66 2.87 -0.01	37.77 2.54 0.00
GOWANUS_GT4_2 24131	41.05 2.36 -0.01	38.39 2.17 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.26 4.46 0.00	51.18 3.61 0.00	46.92 3.35 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	39.03 2.82 0.00	40.12 2.66 0.00	45.30 3.17 -0.46	50.01 3.58 0.00	60.42 4.73 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.09 2.99 0.00	42.33 2.88 -0.01	39.66 2.87 -0.01	37.77 2.54 0.00
GOWANUS_GT4_3 24132	41.05 2.36 -0.01	38.39 2.17 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.26 4.46 0.00	51.18 3.61 0.00	46.92 3.35 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	39.03 2.82 0.00	40.12 2.66 0.00	45.30 3.17 -0.46	50.01 3.58 0.00	60.42 4.73 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.09 2.99 0.00	42.33 2.88 -0.01	39.66 2.87 -0.01	37.77 2.54 0.00

GOWANUS_GT4_4 24133	41.05 2.36 -0.01	38.39 2.17 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.26 4.46 0.00	51.18 3.61 0.00	46.92 3.35 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	39.03 2.82 0.00	40.12 2.66 0.00	45.30 3.17 -0.46	50.01 3.58 0.00	60.42 4.73 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.09 2.99 0.00	42.33 2.88 -0.01	39.66 2.87 -0.01	37.77 2.54 0.00
GOWANUS_GT4_5 24134	41.05 2.36 -0.01	38.39 2.17 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.26 4.46 0.00	51.18 3.61 0.00	46.92 3.35 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	39.03 2.82 0.00	40.12 2.66 0.00	45.30 3.17 -0.46	50.01 3.58 0.00	60.42 4.73 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.09 2.99 0.00	42.33 2.88 -0.01	39.66 2.87 -0.01	37.77 2.54 0.00
GOWANUS_GT4_6 24135	41.05 2.36 -0.01	38.39 2.17 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.26 4.46 0.00	51.18 3.61 0.00	46.92 3.35 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	39.03 2.82 0.00	40.12 2.66 0.00	45.30 3.17 -0.46	50.01 3.58 0.00	60.42 4.73 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.09 2.99 0.00	42.33 2.88 -0.01	39.66 2.87 -0.01	37.77 2.54 0.00
GOWANUS_GT4_7 24136	41.05 2.36 -0.01	38.39 2.17 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.26 4.46 0.00	51.18 3.61 0.00	46.92 3.35 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	39.03 2.82 0.00	40.12 2.66 0.00	45.30 3.17 -0.46	50.01 3.58 0.00	60.42 4.73 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.09 2.99 0.00	42.33 2.88 -0.01	39.66 2.87 -0.01	37.77 2.54 0.00
GOWANUS_GT4_8 24137	41.05 2.36 -0.01	38.39 2.17 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.26 4.46 0.00	51.18 3.61 0.00	46.92 3.35 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	39.03 2.82 0.00	40.12 2.66 0.00	45.30 3.17 -0.46	50.01 3.58 0.00	60.42 4.73 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.09 2.99 0.00	42.33 2.88 -0.01	39.66 2.87 -0.01	37.77 2.54 0.00
GREENBSH_115KV_TB3 55895	39.26 0.58 0.00	36.76 0.54 0.00	35.31 0.52 0.00	35.18 0.55 0.00	36.05 0.53 0.00	40.68 0.64 0.00	50.13 1.22 0.00	57.25 1.45 0.00	48.71 1.14 0.00	44.30 0.74 0.00	40.47 0.52 0.00	37.57 0.48 0.00	36.52 0.43 0.00	36.68 0.47 0.00	37.99 0.52 0.00	42.42 0.75 0.00	47.55 1.11 0.00	57.07 1.39 0.00	52.68 1.18 0.00	44.60 0.96 0.00	42.90 0.80 0.00	40.15 0.71 0.00	37.55 0.77 0.00	35.94 0.70 0.00
GREENDGE_115KV_TB5 80291	38.68 0.00 0.00	36.36 0.14 0.00	35.10 0.31 0.00	34.90 0.28 0.00	35.69 0.18 0.00	40.12 0.08 0.00	49.15 0.24 0.00	56.19 0.39 0.00	47.80 0.24 0.00	43.43 -0.13 0.00	39.63 -0.32 0.00	36.64 -0.45 0.00	35.80 -0.29 0.00	35.85 -0.36 0.00	37.09 -0.37 0.00	40.71 -0.96 0.00	46.16 -0.28 0.00	55.63 -0.06 0.00	51.24 -0.26 0.00	42.90 -0.74 0.00	40.97 -1.14 0.00	38.46 -0.99 0.00	35.78 -0.99 0.00	34.78 -0.46 0.00
GREENIDGE___3 23582	38.68 0.00 0.00	36.36 0.14 0.00	35.10 0.31 0.00	34.90 0.28 0.00	35.69 0.18 0.00	40.12 0.08 0.00	49.15 0.24 0.00	56.19 0.39 0.00	47.80 0.24 0.00	43.43 -0.13 0.00	39.63 -0.32 0.00	36.64 -0.45 0.00	35.80 -0.29 0.00	35.85 -0.36 0.00	37.09 -0.37 0.00	40.71 -0.96 0.00	46.16 -0.28 0.00	55.63 -0.06 0.00	51.24 -0.26 0.00	42.90 -0.74 0.00	40.97 -1.14 0.00	38.46 -0.99 0.00	35.78 -0.99 0.00	34.78 -0.46 0.00
GREENIDGE___4 23583	38.68 0.00 0.00	36.40 0.18 0.00	35.10 0.31 0.00	34.90 0.28 0.00	35.73 0.21 0.00	40.12 0.08 0.00	49.15 0.25 0.00	56.19 0.39 0.00	47.80 0.24 0.00	43.43 -0.13 0.00	39.63 -0.32 0.00	36.64 -0.44 0.00	35.87 -0.22 0.00	35.85 -0.36 0.00	37.09 -0.37 0.00	40.71 -0.96 0.00	46.16 -0.28 0.00	55.23 -0.45 0.00	51.24 -0.26 0.00	42.90 -0.74 0.00	41.01 -1.09 0.00	38.38 -1.06 0.00	35.93 -0.84 0.00	34.77 -0.46 0.00
GREENLWN_69_KV_BK 3 55738	45.17 2.51 -3.97	40.61 2.35 -2.03	38.00 2.23 -0.99	38.20 2.25 -1.32	40.05 2.24 -2.30	46.12 2.68 -3.40	59.48 3.81 -6.76	76.79 4.69 -16.30	60.07 3.76 -8.74	52.36 3.62 -5.19	54.52 3.20 -11.37	50.27 2.97 -10.22	44.11 2.89 -5.13	46.88 2.93 -7.74	46.93 2.88 -6.59	51.88 3.33 -6.87	63.73 3.76 -13.53	81.41 5.12 -20.60	74.52 4.48 -18.55	71.75 3.40 -24.70	65.82 3.07 -20.65	57.97 2.96 -15.57	54.42 3.02 -14.63	48.49 2.68 -10.58
GREENWD_138_KV_38B11_REV_LBMP_J 345004	41.05 2.36 -0.01	38.39 2.17 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.26 4.46 0.00	51.18 3.61 0.00	46.92 3.35 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	39.03 2.82 0.00	40.12 2.66 0.00	45.30 3.17 -0.46	50.01 3.58 0.00	60.42 4.73 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.09 2.99 0.00	42.33 2.88 -0.01	39.66 2.87 -0.01	37.77 2.54 0.00
GRISSOM___SOLAR 323813	43.21 4.52 0.00	40.53 4.31 0.00	38.93 4.14 0.00	38.88 4.26 0.00	39.88 4.37 0.00	45.41 5.37 0.00	56.68 7.78 0.00	65.12 9.32 0.00	55.08 7.51 0.00	49.70 6.14 0.00	45.18 5.23 0.00	41.43 4.34 0.00	40.06 3.97 0.00	40.19 3.98 0.00	41.92 4.46 0.00	47.38 5.71 0.00	53.54 7.11 0.00	64.54 8.85 0.00	59.37 7.88 0.00	50.15 6.50 0.00	47.87 5.77 0.00	44.69 5.25 0.00	41.45 4.67 0.00	39.46 4.23 0.00
GROVEVILLE___HYD 323602	40.69 2.01 0.00	38.10 1.88 0.00	36.60 1.81 0.00	36.43 1.80 0.00	37.25 1.74 0.00	42.16 2.12 0.00	52.18 3.28 0.00	59.82 4.02 0.00	50.70 3.14 0.00	46.26 2.70 0.00	42.27 2.32 0.00	39.13 2.04 0.00	38.00 1.91 0.00	38.20 1.99 0.00	39.37 1.91 0.00	44.09 2.42 0.00	49.60 3.16 0.00	59.75 4.06 0.00	55.05 3.55 0.00	46.52 2.88 0.00	44.75 2.65 0.00	41.89 2.45 0.00	39.09 2.32 0.00	37.28 2.04 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.14 -0.54 0.00	35.68 -0.54 0.00	34.27 -0.52 0.00	34.07 -0.55 0.00	34.98 -0.53 0.00	39.52 -0.52 0.00	48.42 -0.49 0.00	55.30 -0.50 0.00	47.09 -0.48 0.00	42.90 -0.65 0.00	39.27 -0.68 0.00	36.35 -0.74 0.00	35.37 -0.72 0.00	35.45 -0.76 0.00	36.75 -0.71 0.00	40.92 -0.75 0.00	45.97 -0.46 0.00	55.24 -0.45 0.00	50.98 -0.51 0.00	42.99 -0.65 0.00	41.30 -0.80 0.00	38.69 -0.75 0.00	35.97 -0.81 0.00	34.56 -0.67 0.00
HAMLTNNY_34_KV_TB 80303	38.18 -0.50 0.00	35.71 -0.51 0.00	34.34 -0.45 0.00	34.14 -0.48 0.00	35.02 -0.50 0.00	39.56 -0.48 0.00	48.46 -0.44 0.00	55.41 -0.39 0.00	47.14 -0.43 0.00	42.95 -0.61 0.00	39.31 -0.64 0.00	36.38 -0.70 0.00	35.40 -0.69 0.00	35.48 -0.72 0.00	36.79 -0.67 0.00	40.92 -0.75 0.00	46.02 -0.42 0.00	55.35 -0.33 0.00	51.03 -0.46 0.00	42.99 -0.65 0.00	41.26 -0.84 0.00	38.69 -0.75 0.00	35.97 -0.81 0.00	34.56 -0.67 0.00

HAMPSHIRE___PAPER_HYD 323593	38.37 -0.31 0.00	35.89 -0.33 0.00	34.41 -0.38 0.00	34.28 -0.35 0.00	35.23 -0.29 0.00	39.64 -0.40 0.00	48.37 -0.54 0.00	55.41 -0.39 0.00	47.23 -0.33 0.00	43.25 -0.30 0.00	39.59 -0.36 0.00	36.90 -0.18 0.00	35.87 -0.22 0.00	35.92 -0.29 0.00	37.16 -0.30 0.00	41.21 -0.46 0.00	45.88 -0.56 0.00	55.30 -0.39 0.00	50.93 -0.57 0.00	43.25 -0.39 0.00	41.81 -0.29 0.00	39.09 -0.36 0.00	36.41 -0.37 0.00	34.81 -0.42 0.00
HARDSCRABBLE_WT_PWR 323673	39.07 0.39 0.00	36.58 0.36 0.00	35.14 0.35 0.00	34.97 0.35 0.00	35.90 0.39 0.00	40.52 0.48 0.00	49.68 0.78 0.00	56.75 0.95 0.00	48.32 0.76 0.00	44.17 0.61 0.00	40.35 0.40 0.00	37.53 0.45 0.00	36.49 0.40 0.00	36.65 0.44 0.00	37.91 0.45 0.00	42.21 0.54 0.00	47.18 0.74 0.00	56.40 0.72 0.00	52.01 0.51 0.00	43.95 0.31 0.00	42.23 0.13 0.00	39.52 0.08 0.00	36.81 0.04 0.00	35.23 0.00 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.31 1.62 0.00	37.74 1.52 0.00	36.22 1.43 0.00	36.04 1.42 0.00	36.93 1.42 0.00	41.76 1.72 0.00	51.69 2.79 0.00	59.26 3.46 0.00	50.23 2.66 0.00	45.86 2.31 0.00	41.95 2.00 0.00	38.87 1.78 0.00	37.82 1.73 0.00	37.98 1.77 0.00	39.15 1.69 0.00	43.75 2.08 0.00	49.13 2.69 0.00	59.13 3.45 0.00	54.48 2.99 0.00	46.09 2.44 0.00	44.33 2.23 0.00	41.49 2.05 0.00	38.76 1.99 0.00	36.96 1.73 0.00
HARSNRAD_115KV_TB1 81005	35.59 -3.09 0.00	33.36 -2.86 0.00	32.21 -2.57 0.00	31.99 -2.63 0.00	32.81 -2.70 0.00	36.72 -3.32 0.00	44.11 -4.79 0.00	49.60 -6.19 0.00	42.43 -5.14 0.00	38.81 -4.75 0.00	35.72 -4.23 0.00	33.19 -3.89 0.00	32.44 -3.64 0.00	32.33 -3.87 0.00	33.60 -3.86 0.00	37.13 -4.54 0.00	42.54 -3.90 0.00	51.23 -4.45 0.00	46.96 -4.53 0.00	39.02 -4.63 0.00	36.84 -5.26 0.00	35.06 -4.38 0.00	32.36 -4.41 0.00	32.20 -3.03 0.00
HARZA MOOSE___RIVER 24016	39.38 0.70 0.00	36.83 0.62 0.00	35.35 0.56 0.00	35.21 0.59 0.00	36.15 0.64 0.00	40.92 0.88 0.00	50.27 1.37 0.00	57.64 1.84 0.00	48.99 1.43 0.00	44.65 1.09 0.00	40.63 0.68 0.00	37.79 0.70 0.00	36.70 0.61 0.00	36.82 0.62 0.00	38.10 0.64 0.00	42.50 0.83 0.00	47.74 1.30 0.00	57.52 1.84 0.00	52.94 1.44 0.00	44.73 1.09 0.00	42.99 0.88 0.00	40.19 0.75 0.00	37.33 0.55 0.00	35.73 0.49 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	37.75 -0.93 0.00	35.35 -0.87 0.00	33.95 -0.83 0.00	33.76 -0.87 0.00	34.66 -0.85 0.00	39.16 -0.88 0.00	47.98 -0.93 0.00	54.79 -1.00 0.00	46.66 -0.90 0.00	42.55 -1.00 0.00	38.95 -1.00 0.00	36.09 -1.00 0.00	35.08 -1.01 0.00	35.20 -1.01 0.00	36.49 -0.97 0.00	40.59 -1.08 0.00	45.60 -0.84 0.00	54.79 -0.89 0.00	50.52 -0.98 0.00	42.60 -1.05 0.00	40.92 -1.18 0.00	38.38 -1.06 0.00	35.67 -1.10 0.00	34.28 -0.95 0.00
HELLGATE_13_KV_LD 55870	40.86 2.17 -0.01	38.25 2.03 0.00	36.67 1.88 0.00	36.49 1.87 0.00	37.36 1.85 0.00	42.16 2.12 0.00	52.13 3.23 0.00	60.04 4.24 0.00	50.99 3.42 0.00	46.70 3.14 -0.01	42.67 2.72 0.00	39.61 2.52 0.00	38.62 2.53 0.00	38.78 2.57 0.00	39.93 2.47 0.00	44.55 2.88 0.00	49.88 3.44 0.00	60.08 4.40 0.00	55.36 3.86 0.00	46.70 3.06 0.00	44.84 2.74 0.00	42.05 2.60 0.00	39.39 2.61 0.00	37.56 2.33 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.86 2.17 -0.01	38.25 2.03 0.00	36.67 1.88 0.00	36.49 1.87 0.00	37.36 1.85 0.00	42.16 2.12 0.00	52.13 3.23 0.00	60.04 4.24 0.00	50.99 3.42 0.00	46.70 3.14 -0.01	42.67 2.72 0.00	39.61 2.52 0.00	38.62 2.53 0.00	38.78 2.57 0.00	39.93 2.47 0.00	44.55 2.88 0.00	49.88 3.44 0.00	60.08 4.40 0.00	55.36 3.86 0.00	46.70 3.06 0.00	44.84 2.74 0.00	42.05 2.60 0.00	39.39 2.61 0.00	37.56 2.33 0.00
HEMPSTEAD____ 23647	45.10 2.44 -3.97	40.50 2.25 -2.03	37.93 2.16 -0.99	38.13 2.18 -1.32	39.98 2.17 -2.30	45.96 2.52 -3.40	59.43 3.77 -6.76	76.89 4.80 -16.29	60.16 3.85 -8.74	52.18 3.44 -5.19	54.36 3.03 -11.37	50.08 2.78 -10.21	44.00 2.78 -5.13	46.77 2.83 -7.73	46.78 2.73 -6.58	51.70 3.17 -6.87	63.81 3.85 -13.52	81.01 4.73 -20.59	74.36 4.33 -18.54	71.83 3.49 -24.69	65.90 3.16 -20.64	58.04 3.04 -15.56	54.24 2.83 -14.63	48.38 2.57 -10.58
HEWLETT__69_KV_BK3 55828	45.29 2.63 -3.97	40.75 2.50 -2.03	38.14 2.37 -0.99	38.30 2.35 -1.32	40.16 2.34 -2.30	46.20 2.76 -3.40	59.47 3.81 -6.76	76.89 4.80 -16.29	60.20 3.90 -8.74	52.18 3.44 -5.18	54.43 3.12 -11.37	50.30 3.00 -10.21	44.17 2.96 -5.13	46.94 3.01 -7.73	47.00 2.96 -6.58	51.95 3.42 -6.87	63.90 3.95 -13.51	81.28 5.01 -20.59	74.46 4.43 -18.53	71.91 3.58 -24.69	66.02 3.28 -20.63	58.08 3.08 -15.56	54.34 2.94 -14.62	48.56 2.75 -10.58
HICKLING___1 23621	39.07 0.39 0.00	36.58 0.36 0.00	35.17 0.38 0.00	34.94 0.31 0.00	35.87 0.36 0.00	40.48 0.44 0.00	49.49 0.59 0.00	56.41 0.61 0.00	47.99 0.43 0.00	43.64 0.09 0.00	39.87 -0.08 0.00	36.90 -0.19 0.00	35.94 -0.14 0.00	35.99 -0.22 0.00	37.35 -0.11 0.00	40.80 -0.88 0.00	46.25 -0.19 0.00	55.68 0.00 0.00	51.24 -0.26 0.00	42.90 -0.74 0.00	40.92 -1.18 0.00	38.50 -0.95 0.00	35.75 -1.03 0.00	34.74 -0.49 0.00
HICKLING___2 23622	39.07 0.39 0.00	36.58 0.36 0.00	35.17 0.38 0.00	34.94 0.31 0.00	35.87 0.36 0.00	40.48 0.44 0.00	49.49 0.59 0.00	56.41 0.61 0.00	47.99 0.43 0.00	43.64 0.09 0.00	39.87 -0.08 0.00	36.90 -0.19 0.00	35.94 -0.14 0.00	35.99 -0.22 0.00	37.35 -0.11 0.00	40.80 -0.88 0.00	46.25 -0.19 0.00	55.68 0.00 0.00	51.24 -0.26 0.00	42.90 -0.74 0.00	40.92 -1.18 0.00	38.50 -0.95 0.00	35.75 -1.03 0.00	34.74 -0.49 0.00
HIGH FALLS___HY 23754	40.73 2.05 0.00	38.14 1.92 0.00	36.60 1.81 0.00	36.43 1.80 0.00	37.29 1.78 0.00	42.20 2.16 0.00	52.28 3.37 0.00	59.82 4.02 0.00	50.70 3.14 0.00	46.30 2.74 0.00	42.31 2.36 0.00	39.13 2.04 0.00	37.97 1.88 0.00	38.24 2.03 0.00	39.34 1.87 0.00	44.00 2.33 0.00	49.74 3.30 0.00	59.97 4.29 0.00	55.20 3.71 0.00	46.66 3.01 0.00	44.88 2.78 0.00	42.05 2.60 0.00	39.20 2.43 0.00	37.35 2.11 0.00
HILLBURN___GT 23639	40.19 1.51 0.00	37.63 1.41 0.00	36.14 1.36 0.00	35.97 1.35 0.00	36.83 1.31 0.00	41.64 1.60 0.00	51.54 2.64 0.00	59.15 3.35 0.00	50.13 2.57 0.00	45.86 2.31 0.00	41.95 2.00 0.00	38.90 1.82 0.00	37.89 1.80 0.00	38.05 1.85 0.00	39.19 1.72 0.00	43.75 2.08 0.00	49.04 2.60 0.00	58.91 3.23 0.00	54.43 2.93 0.00	46.00 2.36 0.00	44.21 2.10 0.00	41.49 2.05 0.00	38.69 1.91 0.00	36.92 1.69 0.00
HILLSIDE_115KV_TB1 80332	38.34 -0.35 0.00	35.89 -0.33 0.00	34.55 -0.24 0.00	34.31 -0.31 0.00	35.19 -0.32 0.00	39.72 -0.32 0.00	48.51 -0.39 0.00	55.24 -0.56 0.00	46.99 -0.57 0.00	42.82 -0.74 0.00	39.15 -0.80 0.00	36.31 -0.78 0.00	35.37 -0.72 0.00	35.38 -0.83 0.00	36.71 -0.75 0.00	40.30 -1.38 0.00	45.65 -0.79 0.00	54.90 -0.78 0.00	50.57 -0.93 0.00	42.38 -1.27 0.00	40.50 -1.60 0.00	38.10 -1.34 0.00	35.38 -1.40 0.00	34.35 -0.88 0.00

HISHELDN_WT_PWR 323625	36.13 -2.55 0.00	33.97 -2.25 0.00	32.63 -2.16 0.00	32.44 -2.18 0.00	33.28 -2.24 0.00	37.24 -2.80 0.00	44.80 -4.11 0.00	50.44 -5.36 0.00	43.14 -4.42 0.00	39.42 -4.14 0.00	36.32 -3.64 0.00	33.82 -3.26 0.00	32.95 -3.14 0.00	32.88 -3.33 0.00	34.20 -3.26 0.00	38.42 -3.25 0.00	43.84 -2.60 0.00	52.01 -3.68 0.00	48.51 -2.99 0.00	40.37 -3.27 0.00	38.35 -3.75 0.00	36.05 -3.39 0.00	33.72 -3.05 0.00	33.08 -2.15 0.00
HOLTSVILLE_IC_1 23690	45.71 3.06 -3.97	41.11 2.86 -2.03	38.56 2.78 -0.99	38.75 2.80 -1.32	40.62 2.80 -2.30	46.80 3.36 -3.40	60.66 4.99 -6.76	78.35 6.25 -16.31	61.26 4.95 -8.74	52.97 4.22 -5.19	55.08 3.75 -11.37	50.83 3.53 -10.22	44.72 3.50 -5.13	47.50 3.55 -7.74	47.65 3.60 -6.59	52.67 4.13 -6.87	65.12 5.15 -13.53	82.58 6.29 -20.61	75.81 5.77 -18.55	73.10 4.76 -24.70	67.09 4.34 -20.65	59.12 4.10 -15.58	55.12 3.71 -14.63	49.23 3.42 -10.58
HOLTSVILLE_IC_10 23699	45.94 3.29 -3.97	41.30 3.04 -2.03	38.73 2.96 -0.99	38.89 2.94 -1.32	40.76 2.95 -2.30	47.00 3.56 -3.40	60.95 5.28 -6.76	78.69 6.58 -16.31	61.59 5.28 -8.74	53.23 4.49 -5.19	55.32 3.99 -11.37	51.05 3.74 -10.22	44.90 3.68 -5.13	47.71 3.77 -7.74	47.87 3.82 -6.59	52.92 4.37 -6.87	65.45 5.48 -13.53	82.97 6.68 -20.60	76.17 6.12 -18.55	73.41 5.06 -24.70	67.39 4.63 -20.65	59.36 4.34 -15.58	55.34 3.94 -14.63	49.41 3.60 -10.58
HOLTSVILLE_IC_2 23691	45.71 3.06 -3.97	41.11 2.86 -2.03	38.56 2.78 -0.99	38.75 2.80 -1.32	40.62 2.80 -2.30	46.80 3.36 -3.40	60.66 4.99 -6.76	78.35 6.25 -16.31	61.26 4.95 -8.74	52.97 4.22 -5.19	55.08 3.75 -11.37	50.83 3.53 -10.22	44.72 3.50 -5.13	47.50 3.55 -7.74	47.65 3.60 -6.59	52.67 4.13 -6.87	65.12 5.15 -13.53	82.58 6.29 -20.61	75.81 5.77 -18.55	73.10 4.76 -24.70	67.09 4.34 -20.65	59.12 4.10 -15.58	55.12 3.71 -14.63	49.23 3.42 -10.58
HOLTSVILLE_IC_3 23692	45.71 3.06 -3.97	41.11 2.86 -2.03	38.56 2.78 -0.99	38.75 2.80 -1.32	40.62 2.80 -2.30	46.80 3.36 -3.40	60.66 4.99 -6.76	78.35 6.25 -16.31	61.26 4.95 -8.74	52.97 4.22 -5.19	55.08 3.75 -11.37	50.83 3.53 -10.22	44.72 3.50 -5.13	47.50 3.55 -7.74	47.65 3.60 -6.59	52.67 4.13 -6.87	65.12 5.15 -13.53	82.58 6.29 -20.61	75.81 5.77 -18.55	73.10 4.76 -24.70	67.09 4.34 -20.65	59.12 4.10 -15.58	55.12 3.71 -14.63	49.23 3.42 -10.58
HOLTSVILLE_IC_4 23693	45.71 3.06 -3.97	41.11 2.86 -2.03	38.56 2.78 -0.99	38.75 2.80 -1.32	40.62 2.80 -2.30	46.80 3.36 -3.40	60.66 4.99 -6.76	78.35 6.25 -16.31	61.26 4.95 -8.74	52.97 4.22 -5.19	55.08 3.75 -11.37	50.83 3.53 -10.22	44.72 3.50 -5.13	47.50 3.55 -7.74	47.65 3.60 -6.59	52.67 4.13 -6.87	65.12 5.15 -13.53	82.58 6.29 -20.61	75.81 5.77 -18.55	73.10 4.76 -24.70	67.09 4.34 -20.65	59.12 4.10 -15.58	55.12 3.71 -14.63	49.23 3.42 -10.58
HOLTSVILLE_IC_5 23694	45.71 3.06 -3.97	41.11 2.86 -2.03	38.56 2.78 -0.99	38.75 2.80 -1.32	40.62 2.80 -2.30	46.80 3.36 -3.40	60.66 4.99 -6.76	78.35 6.25 -16.31	61.26 4.95 -8.74	52.97 4.22 -5.19	55.08 3.75 -11.37	50.83 3.53 -10.22	44.72 3.50 -5.13	47.50 3.55 -7.74	47.65 3.60 -6.59	52.67 4.13 -6.87	65.12 5.15 -13.53	82.58 6.29 -20.61	75.81 5.77 -18.55	73.10 4.76 -24.70	67.09 4.34 -20.65	59.12 4.10 -15.58	55.12 3.71 -14.63	49.23 3.42 -10.58
HOLTSVILLE_IC_6 23695	45.94 3.29 -3.97	41.30 3.04 -2.03	38.73 2.96 -0.99	38.89 2.94 -1.32	40.76 2.95 -2.30	47.00 3.56 -3.40	60.95 5.28 -6.76	78.69 6.58 -16.31	61.59 5.28 -8.74	53.23 4.49 -5.19	55.32 3.99 -11.37	51.05 3.74 -10.22	44.90 3.68 -5.13	47.71 3.77 -7.74	47.87 3.82 -6.59	52.92 4.37 -6.87	65.45 5.48 -13.53	82.97 6.68 -20.60	76.17 6.12 -18.55	73.41 5.06 -24.70	67.39 4.63 -20.65	59.36 4.34 -15.58	55.34 3.94 -14.63	49.41 3.60 -10.58
HOLTSVILLE_IC_7 23696	45.94 3.29 -3.97	41.30 3.04 -2.03	38.73 2.96 -0.99	38.89 2.94 -1.32	40.76 2.95 -2.30	47.00 3.56 -3.40	60.95 5.28 -6.76	78.69 6.58 -16.31	61.59 5.28 -8.74	53.23 4.49 -5.19	55.32 3.99 -11.37	51.05 3.74 -10.22	44.90 3.68 -5.13	47.71 3.77 -7.74	47.87 3.82 -6.59	52.92 4.37 -6.87	65.45 5.48 -13.53	82.97 6.68 -20.60	76.17 6.12 -18.55	73.41 5.06 -24.70	67.39 4.63 -20.65	59.36 4.34 -15.58	55.34 3.94 -14.63	49.41 3.60 -10.58
HOLTSVILLE_IC_8 23697	45.94 3.29 -3.97	41.30 3.04 -2.03	38.73 2.96 -0.99	38.89 2.94 -1.32	40.76 2.95 -2.30	47.00 3.56 -3.40	60.95 5.28 -6.76	78.69 6.58 -16.31	61.59 5.28 -8.74	53.23 4.49 -5.19	55.32 3.99 -11.37	51.05 3.74 -10.22	44.90 3.68 -5.13	47.71 3.77 -7.74	47.87 3.82 -6.59	52.92 4.37 -6.87	65.45 5.48 -13.53	82.97 6.68 -20.60	76.17 6.12 -18.55	73.41 5.06 -24.70	67.39 4.63 -20.65	59.36 4.34 -15.58	55.34 3.94 -14.63	49.41 3.60 -10.58
HOLTSVILLE_IC_9 23698	45.94 3.29 -3.97	41.30 3.04 -2.03	38.73 2.96 -0.99	38.89 2.94 -1.32	40.76 2.95 -2.30	47.00 3.56 -3.40	60.95 5.28 -6.76	78.69 6.58 -16.31	61.59 5.28 -8.74	53.23 4.49 -5.19	55.32 3.99 -11.37	51.05 3.74 -10.22	44.90 3.68 -5.13	47.71 3.77 -7.74	47.87 3.82 -6.59	52.92 4.37 -6.87	65.45 5.48 -13.53	82.97 6.68 -20.60	76.17 6.12 -18.55	73.41 5.06 -24.70	67.39 4.63 -20.65	59.36 4.34 -15.58	55.34 3.94 -14.63	49.41 3.60 -10.58
HOMER_HL_115KV_TB2 355744	37.45 -1.24 0.00	35.06 -1.16 0.00	33.78 -1.01 0.00	33.55 -1.07 0.00	34.41 -1.10 0.00	38.64 -1.40 0.00	46.26 -2.64 0.00	52.34 -3.46 0.00	44.71 -2.85 0.00	40.77 -2.79 0.00	37.43 -2.52 0.00	34.83 -2.26 0.00	33.96 -2.13 0.00	33.86 -2.35 0.00	35.21 -2.25 0.00	38.71 -2.96 0.00	44.26 -2.18 0.00	53.23 -2.45 0.00	48.87 -2.63 0.00	40.72 -2.92 0.00	38.57 -3.54 0.00	37.00 -2.45 0.00	34.20 -2.57 0.00	33.68 -1.55 0.00
HOWARD_WT_PWR 323690	40.07 1.39 0.00	37.52 1.30 0.00	36.08 1.29 0.00	35.80 1.18 0.00	36.79 1.28 0.00	41.52 1.48 0.00	50.86 1.96 0.00	58.20 2.40 0.00	49.42 1.85 0.00	44.86 1.31 0.00	40.87 0.92 0.00	37.79 0.70 0.00	36.85 0.76 0.00	36.82 0.61 0.00	38.29 0.82 0.00	40.79 -0.88 0.00	46.49 0.05 0.00	55.41 -0.28 0.00	51.44 -0.05 0.00	42.90 -0.74 0.00	40.84 -1.26 0.00	38.30 -1.15 0.00	35.67 -1.10 0.00	34.67 -0.57 0.00
HQ_GEN_CEDARS 23644	39.30 0.62 0.00	36.76 0.54 0.00	35.28 0.49 0.00	35.14 0.52 0.00	36.05 0.53 0.00	40.28 0.24 0.00	48.71 -0.20 0.00	55.58 -0.22 0.00	47.56 0.00 0.00	43.82 0.26 0.00	40.27 0.32 0.00	37.76 0.67 0.00	36.74 0.65 0.00	36.82 0.62 0.00	38.10 0.64 0.00	41.92 0.25 0.00	46.21 -0.23 0.00	55.29 -0.39 0.00	51.29 -0.21 0.00	43.73 0.09 0.00	42.48 0.38 0.00	39.76 0.32 0.00	37.25 0.48 0.00	35.66 0.42 0.00
HQ_GEN_CEDARS_PROXY 323590	39.30 0.62 0.00	36.76 0.54 0.00	35.28 0.49 0.00	35.14 0.52 0.00	36.05 0.53 0.00	40.28 0.24 0.00	48.71 -0.19 0.00	55.58 -0.22 0.00	47.56 0.00 0.00	43.78 0.22 0.00	40.27 0.32 0.00	37.76 0.67 0.00	36.74 0.65 0.00	36.82 0.61 0.00	38.10 0.64 0.00	41.92 0.25 0.00	46.21 -0.23 0.00	55.52 -0.17 0.00	51.29 -0.21 0.00	43.73 0.09 0.00	42.48 0.38 0.00	39.76 0.31 0.00	37.25 0.48 0.00	35.66 0.42 0.00

HQ_GEN_IMPORT 323601	38.92 0.23 0.00	36.44 0.22 0.00	34.96 0.17 0.00	34.80 0.17 0.00	35.73 0.21 0.00	43.60 0.12 -3.44	45.17 -0.29 3.44	55.35 -0.45 0.00	47.33 -0.24 0.00	43.60 0.04 0.00	40.11 0.16 0.00	37.31 0.22 0.00	36.34 0.25 0.00	36.43 0.22 0.00	37.69 0.23 0.00	43.60 0.13 -1.80	44.36 -0.28 1.80	55.35 -0.33 0.00	51.19 -0.31 0.00	43.60 -0.04 0.00	42.27 0.17 0.00	39.60 0.16 0.00	36.92 0.15 0.00	35.38 0.14 0.00
HQ_GEN_WHEEL 23651	38.92 0.23 0.00	36.44 0.22 0.00	34.96 0.17 0.00	34.80 0.17 0.00	35.73 0.21 0.00	43.60 0.12 -3.44	45.17 -0.29 3.44	55.35 -0.45 0.00	47.33 -0.24 0.00	43.60 0.04 0.00	40.11 0.16 0.00	37.31 0.22 0.00	36.34 0.25 0.00	36.43 0.22 0.00	37.69 0.23 0.00	43.60 0.13 -1.80	44.36 -0.28 1.80	55.35 -0.33 0.00	51.19 -0.31 0.00	43.60 -0.04 0.00	42.27 0.17 0.00	39.60 0.16 0.00	36.92 0.15 0.00	35.38 0.14 0.00
HUDSON AVE_GT_3 23810	40.58 1.90 0.00	38.03 1.81 0.00	36.49 1.70 0.00	36.32 1.70 0.00	37.18 1.67 0.00	42.04 2.00 0.00	51.99 3.08 0.00	59.82 4.02 0.00	50.80 3.23 0.00	46.52 2.96 0.00	42.59 2.64 0.00	39.54 2.45 0.00	38.51 2.42 0.00	38.67 2.46 0.00	39.82 2.36 0.00	44.42 2.75 0.00	49.74 3.30 0.00	59.91 4.23 0.00	55.20 3.71 0.00	46.61 2.97 0.00	44.80 2.69 0.00	41.97 2.52 0.00	39.28 2.50 0.00	37.38 2.15 0.00
HUDSON AVE_GT_4 23540	40.58 1.90 0.00	38.03 1.81 0.00	36.49 1.70 0.00	36.32 1.70 0.00	37.18 1.67 0.00	42.04 2.00 0.00	51.99 3.08 0.00	59.82 4.02 0.00	50.80 3.23 0.00	46.52 2.96 0.00	42.59 2.64 0.00	39.54 2.45 0.00	38.51 2.42 0.00	38.67 2.46 0.00	39.82 2.36 0.00	44.42 2.75 0.00	49.74 3.30 0.00	59.91 4.23 0.00	55.20 3.71 0.00	46.61 2.97 0.00	44.80 2.69 0.00	41.97 2.52 0.00	39.28 2.50 0.00	37.38 2.15 0.00
HUDSON AVE_GT_5 23657	40.58 1.90 0.00	38.03 1.81 0.00	36.49 1.70 0.00	36.32 1.70 0.00	37.18 1.67 0.00	42.04 2.00 0.00	51.99 3.08 0.00	59.82 4.02 0.00	50.80 3.23 0.00	46.52 2.96 0.00	42.59 2.64 0.00	39.54 2.45 0.00	38.51 2.42 0.00	38.67 2.46 0.00	39.82 2.36 0.00	44.42 2.75 0.00	49.74 3.30 0.00	59.91 4.23 0.00	55.20 3.71 0.00	46.61 2.97 0.00	44.80 2.69 0.00	41.97 2.52 0.00	39.28 2.50 0.00	37.38 2.15 0.00
HUDSON_AVE_10 24168	40.50 1.82 0.00	37.92 1.70 0.00	36.39 1.60 0.00	36.25 1.63 0.00	37.11 1.60 0.00	41.96 1.92 0.00	51.94 3.03 0.00	59.76 3.96 0.00	50.75 3.19 0.00	46.47 2.92 0.00	42.51 2.56 0.00	39.46 2.37 0.00	38.47 2.38 0.00	38.64 2.43 0.00	39.78 2.32 0.00	44.38 2.71 0.00	49.69 3.25 0.00	59.86 4.18 0.00	55.15 3.66 0.00	46.57 2.92 0.00	44.75 2.65 0.00	41.93 2.48 0.00	39.20 2.43 0.00	37.31 2.08 0.00
HUDSON___115KV_TB 4 355613	40.27 1.59 0.00	37.74 1.52 0.00	36.25 1.46 0.00	36.08 1.45 0.00	36.97 1.46 0.00	41.64 1.60 0.00	51.45 2.54 0.00	58.64 2.85 0.00	49.80 2.24 0.00	45.17 1.61 0.00	41.15 1.20 0.00	38.05 0.96 0.00	36.92 0.83 0.00	37.11 0.91 0.00	38.47 1.01 0.00	43.17 1.50 0.00	48.58 2.14 0.00	58.35 2.67 0.00	53.86 2.37 0.00	45.61 1.96 0.00	43.87 1.77 0.00	41.02 1.58 0.00	38.28 1.51 0.00	36.78 1.55 0.00
HUNTER MOUNT___DRP 323613	40.58 1.90 0.00	37.99 1.77 0.00	36.49 1.70 0.00	36.32 1.70 0.00	37.22 1.70 0.00	41.96 1.92 0.00	51.99 3.08 0.00	59.09 3.29 0.00	50.13 2.57 0.00	45.39 1.83 0.00	41.23 1.28 0.00	38.09 1.00 0.00	36.88 0.79 0.00	37.08 0.87 0.00	38.47 1.01 0.00	43.25 1.58 0.00	48.85 2.41 0.00	58.74 3.06 0.00	54.17 2.68 0.00	45.91 2.27 0.00	44.17 2.06 0.00	41.26 1.81 0.00	38.43 1.65 0.00	36.92 1.69 0.00
HUNTINGTON_RES_REC 323705	45.48 2.82 -3.97	40.86 2.61 -2.03	38.28 2.51 -0.99	38.47 2.53 -1.32	40.34 2.52 -2.30	46.44 3.00 -3.40	60.07 4.40 -6.76	77.57 5.47 -16.30	60.68 4.37 -8.74	52.75 4.00 -5.19	54.80 3.47 -11.37	50.57 3.26 -10.22	44.40 3.18 -5.13	47.21 3.26 -7.74	47.31 3.26 -6.59	52.29 3.75 -6.87	64.47 4.50 -13.53	81.91 5.62 -20.60	75.14 5.10 -18.55	72.44 4.10 -24.70	66.46 3.71 -20.65	58.57 3.55 -15.57	54.79 3.38 -14.63	48.88 3.06 -10.58
HUNTLEY___63 23557	35.94 -2.75 0.00	33.65 -2.57 0.00	32.46 -2.33 0.00	32.27 -2.35 0.00	33.10 -2.41 0.00	37.04 -3.00 0.00	44.50 -4.40 0.00	50.11 -5.69 0.00	42.86 -4.71 0.00	39.16 -4.40 0.00	36.08 -3.88 0.00	33.53 -3.56 0.00	32.73 -3.36 0.00	32.62 -3.58 0.00	33.94 -3.52 0.00	37.42 -4.25 0.00	42.86 -3.58 0.00	51.62 -4.06 0.00	47.32 -4.17 0.00	39.32 -4.32 0.00	37.13 -4.97 0.00	35.34 -4.10 0.00	32.62 -4.16 0.00	32.41 -2.82 0.00
HUNTLEY___64 23558	35.94 -2.75 0.00	33.65 -2.57 0.00	32.46 -2.33 0.00	32.27 -2.35 0.00	33.10 -2.41 0.00	37.04 -3.00 0.00	44.50 -4.40 0.00	50.11 -5.69 0.00	42.86 -4.71 0.00	39.16 -4.40 0.00	36.08 -3.88 0.00	33.53 -3.56 0.00	32.73 -3.36 0.00	32.62 -3.58 0.00	33.94 -3.52 0.00	37.42 -4.25 0.00	42.86 -3.58 0.00	51.62 -4.06 0.00	47.32 -4.17 0.00	39.32 -4.32 0.00	37.13 -4.97 0.00	35.34 -4.10 0.00	32.62 -4.16 0.00	32.41 -2.82 0.00
HUNTLEY___65 23559	35.94 -2.75 0.00	33.65 -2.57 0.00	32.46 -2.33 0.00	32.27 -2.35 0.00	33.10 -2.41 0.00	37.04 -3.00 0.00	44.50 -4.40 0.00	50.11 -5.69 0.00	42.86 -4.71 0.00	39.16 -4.40 0.00	36.08 -3.88 0.00	33.53 -3.56 0.00	32.73 -3.36 0.00	32.62 -3.58 0.00	33.94 -3.52 0.00	37.42 -4.25 0.00	42.86 -3.58 0.00	51.62 -4.06 0.00	47.32 -4.17 0.00	39.32 -4.32 0.00	37.13 -4.97 0.00	35.34 -4.10 0.00	32.62 -4.16 0.00	32.41 -2.82 0.00
HUNTLEY___66 23560	35.94 -2.75 0.00	33.65 -2.57 0.00	32.46 -2.33 0.00	32.27 -2.35 0.00	33.10 -2.41 0.00	37.04 -3.00 0.00	44.50 -4.40 0.00	50.11 -5.69 0.00	42.86 -4.71 0.00	39.16 -4.40 0.00	36.08 -3.88 0.00	33.53 -3.56 0.00	32.73 -3.36 0.00	32.62 -3.58 0.00	33.94 -3.52 0.00	37.42 -4.25 0.00	42.86 -3.58 0.00	51.62 -4.06 0.00	47.32 -4.17 0.00	39.32 -4.32 0.00	37.13 -4.97 0.00	35.34 -4.10 0.00	32.62 -4.16 0.00	32.41 -2.82 0.00
HUNTLEY___67 23561	35.82 -2.86 0.00	33.54 -2.68 0.00	32.39 -2.40 0.00	32.20 -2.42 0.00	32.99 -2.52 0.00	36.96 -3.08 0.00	44.41 -4.50 0.00	49.94 -5.86 0.00	42.71 -4.85 0.00	39.07 -4.49 0.00	36.00 -3.96 0.00	33.45 -3.63 0.00	32.70 -3.39 0.00	32.59 -3.62 0.00	33.87 -3.60 0.00	37.38 -4.29 0.00	42.77 -3.67 0.00	51.45 -4.23 0.00	47.22 -4.27 0.00	39.24 -4.41 0.00	37.09 -5.01 0.00	35.26 -4.18 0.00	32.62 -4.16 0.00	32.41 -2.82 0.00
HUNTLEY___68 23562	35.82 -2.86 0.00	33.54 -2.68 0.00	32.39 -2.40 0.00	32.20 -2.42 0.00	32.99 -2.52 0.00	36.96 -3.08 0.00	44.41 -4.50 0.00	49.94 -5.86 0.00	42.71 -4.85 0.00	39.07 -4.49 0.00	36.00 -3.96 0.00	33.45 -3.63 0.00	32.70 -3.39 0.00	32.59 -3.62 0.00	33.87 -3.60 0.00	37.38 -4.29 0.00	42.77 -3.67 0.00	51.45 -4.23 0.00	47.22 -4.27 0.00	39.24 -4.41 0.00	37.09 -5.01 0.00	35.26 -4.18 0.00	32.62 -4.16 0.00	32.41 -2.82 0.00

HYLAND___LFGE 323620	40.19 1.51 0.00	37.56 1.34 0.00	36.08 1.29 0.00	35.77 1.14 0.00	36.79 1.28 0.00	41.60 1.56 0.00	50.91 2.01 0.00	58.37 2.57 0.00	49.61 2.04 0.00	44.91 1.35 0.00	40.79 0.84 0.00	37.53 0.45 0.00	36.56 0.47 0.00	36.50 0.29 0.00	38.17 0.71 0.00	41.50 -0.17 0.00	47.60 1.16 0.00	57.07 1.39 0.00	52.99 1.49 0.00	44.17 0.53 0.00	42.10 0.00 0.00	39.36 -0.08 0.00	36.63 -0.15 0.00	35.41 0.18 0.00
INDECK___CORINTH 23802	40.00 1.32 0.00	37.41 1.19 0.00	35.94 1.15 0.00	35.84 1.21 0.00	36.72 1.21 0.00	41.64 1.60 0.00	51.64 2.74 0.00	59.20 3.40 0.00	50.27 2.71 0.00	45.56 2.00 0.00	41.47 1.52 0.00	38.31 1.22 0.00	37.17 1.08 0.00	37.29 1.09 0.00	38.70 1.23 0.00	43.42 1.75 0.00	48.85 2.41 0.00	58.69 3.00 0.00	54.22 2.73 0.00	45.82 2.18 0.00	43.95 1.85 0.00	41.10 1.66 0.00	38.29 1.51 0.00	36.50 1.27 0.00
INDECK___ILION 23567	39.03 0.35 0.00	36.55 0.33 0.00	35.10 0.31 0.00	34.94 0.31 0.00	35.83 0.32 0.00	40.48 0.44 0.00	49.64 0.73 0.00	56.75 0.95 0.00	48.28 0.71 0.00	44.08 0.52 0.00	40.31 0.36 0.00	37.46 0.37 0.00	36.45 0.36 0.00	36.61 0.40 0.00	37.84 0.37 0.00	42.17 0.50 0.00	47.18 0.74 0.00	56.57 0.89 0.00	52.21 0.72 0.00	44.17 0.52 0.00	42.48 0.38 0.00	39.76 0.32 0.00	37.03 0.26 0.00	35.44 0.21 0.00
INDECK___OLEAN 23982	37.44 -1.24 0.00	35.17 -1.05 0.00	33.78 -1.01 0.00	33.55 -1.07 0.00	34.45 -1.06 0.00	38.64 -1.40 0.00	46.26 -2.64 0.00	52.34 -3.46 0.00	44.71 -2.85 0.00	40.81 -2.74 0.00	37.44 -2.52 0.00	34.82 -2.26 0.00	33.92 -2.16 0.00	33.86 -2.35 0.00	35.25 -2.21 0.00	38.71 -2.96 0.00	44.21 -2.23 0.00	52.51 -3.17 0.00	48.87 -2.62 0.00	40.72 -2.92 0.00	38.69 -3.41 0.00	36.84 -2.60 0.00	34.35 -2.43 0.00	33.68 -1.55 0.00
INDECK___OSWEGO 23783	37.37 -1.32 0.00	34.99 -1.23 0.00	33.61 -1.18 0.00	33.41 -1.21 0.00	34.31 -1.21 0.00	38.72 -1.32 0.00	47.05 -1.86 0.00	53.68 -2.12 0.00	45.71 -1.86 0.00	41.73 -1.83 0.00	38.19 -1.76 0.00	35.38 -1.71 0.00	34.43 -1.66 0.00	34.51 -1.70 0.00	35.78 -1.69 0.00	39.80 -1.87 0.00	44.63 -1.81 0.00	53.51 -2.17 0.00	49.54 -1.96 0.00	41.81 -1.83 0.00	40.25 -1.85 0.00	37.98 -1.46 0.00	35.38 -1.40 0.00	33.97 -1.27 0.00
INDECK___YERKES 23781	35.97 -2.71 0.00	33.83 -2.39 0.00	32.49 -2.30 0.00	32.31 -2.32 0.00	33.13 -2.38 0.00	37.08 -2.96 0.00	44.55 -4.35 0.00	50.16 -5.63 0.00	42.91 -4.66 0.00	39.20 -4.36 0.00	36.12 -3.84 0.00	33.60 -3.49 0.00	32.77 -3.32 0.00	32.66 -3.55 0.00	34.02 -3.45 0.00	37.46 -4.21 0.00	42.86 -3.57 0.00	50.73 -4.96 0.00	47.37 -4.12 0.00	39.37 -4.28 0.00	37.34 -4.76 0.00	35.14 -4.30 0.00	32.92 -3.86 0.00	32.45 -2.78 0.00
INDIAN POINT_GT_1 24139	40.27 1.59 0.00	37.74 1.52 0.00	36.18 1.39 0.00	36.04 1.42 0.00	36.90 1.39 0.00	41.72 1.68 0.00	51.59 2.69 0.00	59.31 3.52 0.00	50.32 2.76 0.00	45.95 2.40 0.00	42.07 2.12 0.00	39.02 1.93 0.00	38.00 1.91 0.00	38.16 1.96 0.00	39.34 1.87 0.00	43.88 2.21 0.00	49.18 2.74 0.00	59.25 3.56 0.00	54.63 3.14 0.00	46.13 2.49 0.00	44.33 2.23 0.00	41.57 2.13 0.00	38.84 2.06 0.00	37.03 1.80 0.00
INDIAN POINT_GT_2 23659	40.27 1.59 0.00	37.74 1.52 0.00	36.18 1.39 0.00	36.04 1.42 0.00	36.90 1.39 0.00	41.72 1.68 0.00	51.59 2.69 0.00	59.31 3.52 0.00	50.32 2.76 0.00	45.95 2.40 0.00	42.07 2.12 0.00	39.02 1.93 0.00	38.00 1.91 0.00	38.16 1.96 0.00	39.34 1.87 0.00	43.88 2.21 0.00	49.18 2.74 0.00	59.25 3.56 0.00	54.63 3.14 0.00	46.13 2.49 0.00	44.33 2.23 0.00	41.57 2.13 0.00	38.84 2.06 0.00	37.03 1.80 0.00
INDIAN POINT_GT_3 24019	40.27 1.59 0.00	37.74 1.52 0.00	36.18 1.39 0.00	36.04 1.42 0.00	36.90 1.39 0.00	41.72 1.68 0.00	51.59 2.69 0.00	59.31 3.52 0.00	50.32 2.76 0.00	45.95 2.40 0.00	42.07 2.12 0.00	39.02 1.93 0.00	38.00 1.91 0.00	38.16 1.96 0.00	39.34 1.87 0.00	43.88 2.21 0.00	49.18 2.74 0.00	59.25 3.56 0.00	54.63 3.14 0.00	46.13 2.49 0.00	44.33 2.23 0.00	41.57 2.13 0.00	38.84 2.06 0.00	37.03 1.80 0.00
INDIAN POINT___2 23530	40.19 1.51 0.00	37.63 1.41 0.00	36.14 1.36 0.00	35.97 1.35 0.00	36.83 1.31 0.00	41.64 1.60 0.00	51.54 2.64 0.00	59.20 3.40 0.00	50.18 2.61 0.00	45.91 2.35 0.00	41.99 2.04 0.00	38.94 1.85 0.00	37.93 1.84 0.00	38.13 1.92 0.00	39.26 1.80 0.00	43.84 2.17 0.00	49.13 2.69 0.00	58.97 3.28 0.00	54.48 2.99 0.00	46.04 2.40 0.00	44.21 2.10 0.00	41.53 2.09 0.00	38.72 1.95 0.00	36.96 1.73 0.00
INDIAN POINT___3 23531	40.23 1.55 0.00	37.70 1.48 0.00	36.15 1.36 0.00	36.01 1.38 0.00	36.86 1.35 0.00	41.68 1.64 0.00	51.55 2.64 0.00	59.20 3.40 0.00	50.23 2.66 0.00	45.86 2.31 0.00	41.99 2.04 0.00	38.98 1.89 0.00	37.97 1.88 0.00	38.13 1.92 0.00	39.30 1.84 0.00	43.84 2.17 0.00	49.09 2.65 0.00	59.13 3.45 0.00	54.48 2.99 0.00	46.04 2.40 0.00	44.29 2.19 0.00	41.49 2.05 0.00	38.80 2.02 0.00	37.00 1.76 0.00
INGHAM_C_115KV_TB7 356103	39.07 0.39 0.00	36.58 0.36 0.00	35.10 0.31 0.00	34.97 0.35 0.00	35.87 0.36 0.00	40.52 0.48 0.00	49.69 0.78 0.00	56.75 0.95 0.00	48.33 0.76 0.00	44.12 0.57 0.00	40.31 0.36 0.00	37.50 0.41 0.00	36.49 0.40 0.00	36.64 0.43 0.00	37.87 0.41 0.00	42.17 0.50 0.00	47.18 0.74 0.00	56.52 0.84 0.00	52.06 0.57 0.00	44.04 0.39 0.00	42.31 0.21 0.00	39.56 0.12 0.00	36.89 0.11 0.00	35.30 0.07 0.00
IP CORINTH___1 23988	40.23 1.55 0.00	37.63 1.41 0.00	36.15 1.36 0.00	36.04 1.42 0.00	36.93 1.42 0.00	41.84 1.80 0.00	51.89 2.98 0.00	59.48 3.68 0.00	50.56 3.00 0.00	45.78 2.22 0.00	41.71 1.76 0.00	38.50 1.41 0.00	37.39 1.30 0.00	37.48 1.27 0.00	38.92 1.46 0.00	43.67 2.00 0.00	49.09 2.65 0.00	59.13 3.45 0.00	54.53 3.04 0.00	46.09 2.44 0.00	44.17 2.06 0.00	41.30 1.85 0.00	38.51 1.73 0.00	36.71 1.48 0.00
IP___TICONDEROGA 23804	42.05 3.37 0.00	39.33 3.11 0.00	37.82 3.03 0.00	37.71 3.08 0.00	38.64 3.13 0.00	43.92 3.88 0.00	54.72 5.82 0.00	62.83 7.03 0.00	53.42 5.85 0.00	48.13 4.57 0.00	43.71 3.76 0.00	40.20 3.12 0.00	38.94 2.85 0.00	39.00 2.79 0.00	40.57 3.11 0.00	45.67 4.00 0.00	51.55 5.11 0.00	62.25 6.57 0.00	57.31 5.82 0.00	48.31 4.67 0.00	46.19 4.08 0.00	43.15 3.71 0.00	40.16 3.38 0.00	38.26 3.03 0.00
ISLIP_RES_REC 323679	46.10 3.44 -3.97	41.44 3.19 -2.03	38.87 3.10 -0.99	39.07 3.12 -1.32	40.94 3.13 -2.30	47.20 3.76 -3.40	61.24 5.57 -6.76	79.08 6.97 -16.31	61.87 5.56 -8.74	53.49 4.75 -5.19	55.56 4.23 -11.37	51.23 3.93 -10.22	45.09 3.86 -5.13	47.89 3.95 -7.74	48.10 4.05 -6.59	53.13 4.58 -6.87	65.73 5.76 -13.53	83.30 7.02 -20.60	76.53 6.49 -18.55	73.67 5.32 -24.70	67.64 4.88 -20.65	59.59 4.57 -15.57	55.53 4.12 -14.63	49.59 3.77 -10.58

JAMAICA__27_KV_LOAD 355505	40.73 2.05 0.00	38.14 1.92 0.00	36.60 1.81 0.00	36.43 1.80 0.00	37.29 1.78 0.00	42.20 2.16 0.00	52.33 3.42 0.00	60.26 4.46 0.00	51.18 3.61 0.00	46.87 3.31 0.00	42.87 2.92 0.00	39.80 2.71 0.00	38.76 2.67 0.00	38.96 2.75 0.00	40.08 2.62 0.00	44.71 3.04 0.00	50.15 3.72 0.00	60.47 4.79 0.00	55.72 4.22 0.00	47.05 3.40 0.00	45.13 3.03 0.00	42.28 2.84 0.00	39.53 2.76 0.00	37.56 2.33 0.00
JANIS__SOLAR 323808	40.85 2.16 0.00	38.25 2.03 0.00	36.63 1.84 0.00	36.46 1.83 0.00	37.43 1.92 0.00	42.44 2.40 0.00	52.18 3.28 0.00	59.87 4.07 0.00	50.65 3.09 0.00	45.99 2.44 0.00	41.79 1.84 0.00	38.50 1.41 0.00	37.28 1.19 0.00	37.44 1.23 0.00	38.92 1.46 0.00	43.46 1.79 0.00	49.41 2.97 0.00	59.58 3.90 0.00	55.04 3.55 0.00	46.22 2.57 0.00	44.25 2.15 0.00	41.30 1.85 0.00	38.21 1.43 0.00	36.68 1.45 0.00
JARVIS____ 23743	38.80 0.12 0.00	36.36 0.15 0.00	34.89 0.10 0.00	34.76 0.14 0.00	35.66 0.14 0.00	40.24 0.20 0.00	49.34 0.44 0.00	56.36 0.56 0.00	47.99 0.43 0.00	43.86 0.31 0.00	40.15 0.20 0.00	37.24 0.15 0.00	36.23 0.14 0.00	36.39 0.18 0.00	37.61 0.15 0.00	41.92 0.25 0.00	46.86 0.42 0.00	56.18 0.50 0.00	51.90 0.41 0.00	43.95 0.31 0.00	42.31 0.21 0.00	39.64 0.20 0.00	36.92 0.15 0.00	35.38 0.14 0.00
JENNISON____1 23625	41.12 2.44 0.00	38.50 2.28 0.00	36.88 2.09 0.00	36.74 2.11 0.00	37.72 2.20 0.00	42.72 2.68 0.00	52.67 3.77 0.00	60.43 4.63 0.00	51.13 3.57 0.00	46.52 2.96 0.00	42.35 2.40 0.00	39.09 2.00 0.00	37.86 1.77 0.00	38.06 1.85 0.00	39.45 1.99 0.00	44.00 2.33 0.00	49.97 3.53 0.00	60.47 4.79 0.00	55.61 4.12 0.00	46.70 3.06 0.00	44.71 2.61 0.00	41.77 2.33 0.00	38.62 1.84 0.00	37.10 1.87 0.00
JENNISON____2 23626	41.12 2.44 0.00	38.50 2.28 0.00	36.88 2.09 0.00	36.74 2.11 0.00	37.72 2.20 0.00	42.72 2.68 0.00	52.67 3.77 0.00	60.43 4.63 0.00	51.13 3.57 0.00	46.52 2.96 0.00	42.35 2.40 0.00	39.09 2.00 0.00	37.86 1.77 0.00	38.06 1.85 0.00	39.45 1.99 0.00	44.00 2.33 0.00	49.97 3.53 0.00	60.47 4.79 0.00	55.61 4.12 0.00	46.70 3.06 0.00	44.71 2.61 0.00	41.77 2.33 0.00	38.62 1.84 0.00	37.10 1.87 0.00
JERICOHO_RISE_WT_PWR 323719	39.65 0.97 0.00	37.09 0.87 0.00	35.59 0.80 0.00	35.42 0.80 0.00	36.36 0.85 0.00	40.88 0.84 0.00	49.39 0.49 0.00	56.41 0.61 0.00	48.28 0.71 0.00	44.43 0.87 0.00	40.87 0.92 0.00	38.12 1.04 0.00	37.10 1.01 0.00	37.19 0.98 0.00	38.43 0.97 0.00	42.55 0.88 0.00	46.86 0.42 0.00	56.30 0.61 0.00	52.06 0.57 0.00	44.38 0.74 0.00	43.07 0.97 0.00	40.31 0.87 0.00	37.51 0.74 0.00	35.90 0.67 0.00
KATONAH__115KV_46KV_TB4 355592	40.66 1.97 0.00	38.07 1.85 0.00	36.53 1.74 0.00	36.43 1.80 0.00	37.18 1.67 0.00	42.08 2.04 0.00	52.08 3.18 0.00	59.93 4.13 0.00	50.85 3.28 0.00	46.39 2.83 0.00	42.43 2.48 0.00	39.28 2.19 0.00	38.25 2.17 0.00	38.38 2.17 0.00	39.56 2.10 0.00	44.21 2.54 0.00	49.64 3.20 0.00	59.86 4.18 0.00	55.20 3.71 0.00	46.61 2.97 0.00	44.80 2.69 0.00	42.01 2.56 0.00	39.20 2.43 0.00	37.31 2.08 0.00
KCE_NY_1 323755	40.54 1.86 0.00	37.96 1.74 0.00	36.46 1.67 0.00	36.32 1.70 0.00	37.25 1.74 0.00	42.12 2.08 0.00	52.08 3.18 0.00	59.59 3.80 0.00	50.65 3.09 0.00	45.95 2.39 0.00	41.91 1.96 0.00	38.76 1.67 0.00	37.67 1.59 0.00	37.80 1.59 0.00	39.19 1.72 0.00	43.88 2.21 0.00	49.32 2.88 0.00	59.19 3.51 0.00	54.74 3.25 0.00	46.26 2.62 0.00	44.42 2.31 0.00	41.57 2.13 0.00	38.76 1.98 0.00	37.03 1.80 0.00
KCE_NY_6_ESR 323823	36.48 -2.20 0.00	34.30 -1.92 0.00	32.94 -1.84 0.00	32.72 -1.90 0.00	33.60 -1.92 0.00	37.60 -2.44 0.00	45.24 -3.67 0.00	51.00 -4.80 0.00	43.62 -3.95 0.00	39.85 -3.70 0.00	36.68 -3.28 0.00	34.16 -2.93 0.00	33.27 -2.81 0.00	33.20 -3.00 0.00	34.54 -2.92 0.00	38.17 -3.50 0.00	43.65 -2.79 0.00	51.67 -4.01 0.00	48.25 -3.24 0.00	40.11 -3.53 0.00	38.06 -4.04 0.00	35.81 -3.63 0.00	33.50 -3.27 0.00	32.98 -2.26 0.00
KEDC_PORT_JEFF_GT2 24210	45.91 3.25 -3.97	41.22 2.97 -2.03	38.66 2.89 -0.99	38.86 2.91 -1.32	40.73 2.91 -2.30	46.96 3.52 -3.40	60.85 5.18 -6.76	78.57 6.47 -16.31	61.49 5.19 -8.74	53.19 4.44 -5.19	55.28 3.96 -11.37	51.01 3.71 -10.22	44.87 3.64 -5.13	47.64 3.70 -7.74	47.83 3.78 -6.59	52.84 4.29 -6.87	65.35 5.38 -13.53	82.69 6.40 -20.60	75.91 5.87 -18.55	73.32 4.97 -24.70	67.30 4.55 -20.65	59.32 4.30 -15.57	55.30 3.90 -14.63	49.37 3.56 -10.58
KEDC_PORT_JEFF_GT3 24211	45.91 3.25 -3.97	41.22 2.97 -2.03	38.66 2.89 -0.99	38.86 2.91 -1.32	40.73 2.91 -2.30	46.96 3.52 -3.40	60.85 5.18 -6.76	78.57 6.47 -16.31	61.49 5.19 -8.74	53.19 4.44 -5.19	55.28 3.96 -11.37	51.01 3.71 -10.22	44.87 3.64 -5.13	47.64 3.70 -7.74	47.83 3.78 -6.59	52.84 4.29 -6.87	65.35 5.38 -13.53	82.69 6.40 -20.60	75.91 5.87 -18.55	73.32 4.97 -24.70	67.30 4.55 -20.65	59.32 4.30 -15.57	55.30 3.90 -14.63	49.37 3.56 -10.58
KEDC_GLWD_GT4 24219	45.25 2.59 -3.97	40.64 2.39 -2.03	38.07 2.30 -0.99	38.27 2.32 -1.32	40.09 2.27 -2.30	46.16 2.72 -3.40	59.48 3.82 -6.76	76.94 4.85 -16.29	60.25 3.95 -8.74	52.27 3.53 -5.18	54.44 3.12 -11.37	50.16 2.86 -10.21	44.14 2.92 -5.13	46.95 3.00 -7.73	46.82 2.77 -6.58	51.79 3.25 -6.87	63.90 3.95 -13.52	81.12 4.84 -20.59	74.46 4.43 -18.54	71.91 3.58 -24.69	65.94 3.20 -20.64	58.08 3.08 -15.56	54.27 2.87 -14.63	48.53 2.71 -10.58
KEDC_GLWD_GT5 24220	45.25 2.59 -3.97	40.64 2.39 -2.03	38.07 2.30 -0.99	38.27 2.32 -1.32	40.09 2.27 -2.30	46.16 2.72 -3.40	59.48 3.82 -6.76	76.94 4.85 -16.29	60.25 3.95 -8.74	52.27 3.53 -5.18	54.44 3.12 -11.37	50.16 2.86 -10.21	44.14 2.92 -5.13	46.95 3.00 -7.73	46.82 2.77 -6.58	51.79 3.25 -6.87	63.90 3.95 -13.52	81.12 4.84 -20.59	74.46 4.43 -18.54	71.91 3.58 -24.69	65.94 3.20 -20.64	58.08 3.08 -15.56	54.27 2.87 -14.63	48.53 2.71 -10.58
KENSICO____ 23655	40.39 1.70 0.00	37.85 1.63 0.00	36.29 1.50 0.00	36.15 1.52 0.00	37.00 1.49 0.00	41.84 1.80 0.00	51.74 2.84 0.00	59.54 3.74 0.00	50.51 2.95 0.00	46.13 2.57 0.00	42.27 2.32 0.00	39.20 2.11 0.00	38.18 2.09 0.00	38.35 2.14 0.00	39.52 2.06 0.00	44.09 2.42 0.00	49.41 2.97 0.00	59.47 3.79 0.00	54.84 3.35 0.00	46.31 2.66 0.00	44.50 2.40 0.00	41.69 2.25 0.00	38.98 2.21 0.00	37.14 1.90 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.77 2.09 0.00	38.21 1.99 0.00	36.67 1.88 0.00	36.49 1.87 0.00	37.36 1.85 0.00	42.24 2.20 0.00	52.38 3.47 0.00	59.93 4.13 0.00	50.80 3.23 0.00	46.34 2.79 0.00	42.31 2.36 0.00	39.13 2.04 0.00	37.97 1.88 0.00	38.20 1.99 0.00	39.37 1.91 0.00	44.05 2.38 0.00	49.78 3.34 0.00	59.97 4.29 0.00	55.25 3.76 0.00	46.70 3.06 0.00	44.92 2.82 0.00	42.05 2.60 0.00	39.20 2.43 0.00	37.38 2.15 0.00

KIAC_JFK_GT1 23816	40.62 1.93 0.00	38.03 1.81 0.00	36.49 1.70 0.00	36.32 1.70 0.00	37.18 1.67 0.00	42.08 2.04 0.00	52.13 3.23 0.00	60.09 4.30 0.00	51.04 3.47 0.00	46.69 3.14 0.00	42.75 2.80 0.00	39.68 2.60 0.00	38.65 2.56 0.00	38.82 2.61 0.00	39.93 2.47 0.00	44.59 2.92 0.00	49.97 3.53 0.00	60.25 4.57 0.00	55.51 4.02 0.00	46.87 3.23 0.00	44.97 2.86 0.00	42.16 2.72 0.00	39.39 2.61 0.00	37.45 2.22 0.00
KIAC_JFK_GT2 23817	40.62 1.93 0.00	38.03 1.81 0.00	36.49 1.70 0.00	36.32 1.70 0.00	37.18 1.67 0.00	42.08 2.04 0.00	52.13 3.23 0.00	60.09 4.30 0.00	51.04 3.47 0.00	46.69 3.14 0.00	42.75 2.80 0.00	39.68 2.60 0.00	38.65 2.56 0.00	38.82 2.61 0.00	39.93 2.47 0.00	44.59 2.92 0.00	49.97 3.53 0.00	60.25 4.57 0.00	55.51 4.02 0.00	46.87 3.23 0.00	44.97 2.86 0.00	42.16 2.72 0.00	39.39 2.61 0.00	37.45 2.22 0.00
KIAC_JFK____ 323774	40.62 1.93 0.00	37.99 1.77 0.00	36.49 1.70 0.00	36.32 1.70 0.00	37.18 1.67 0.00	42.08 2.04 0.00	52.13 3.23 0.00	60.10 4.30 0.00	51.04 3.47 0.00	46.78 3.22 0.00	42.75 2.80 0.00	39.65 2.56 0.00	38.65 2.56 0.00	38.82 2.61 0.00	39.93 2.47 0.00	44.59 2.92 0.00	50.01 3.58 0.00	60.14 4.46 0.00	55.51 4.02 0.00	46.87 3.23 0.00	44.92 2.82 0.00	42.20 2.76 0.00	39.31 2.54 0.00	37.45 2.22 0.00
KINTIGH____ 23543	35.74 -2.94 0.00	33.47 -2.75 0.00	32.32 -2.47 0.00	32.10 -2.53 0.00	32.92 -2.59 0.00	36.92 -3.12 0.00	44.55 -4.35 0.00	50.22 -5.58 0.00	42.90 -4.66 0.00	39.24 -4.31 0.00	36.12 -3.84 0.00	33.53 -3.56 0.00	32.73 -3.36 0.00	32.66 -3.55 0.00	33.94 -3.52 0.00	37.46 -4.21 0.00	42.72 -3.72 0.00	51.39 -4.29 0.00	47.22 -4.27 0.00	39.32 -4.32 0.00	37.30 -4.80 0.00	35.38 -4.06 0.00	32.73 -4.05 0.00	32.34 -2.89 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	40.42 1.74 0.00	37.81 1.59 0.00	36.29 1.50 0.00	36.11 1.49 0.00	37.08 1.56 0.00	41.72 1.68 0.00	50.47 1.56 0.00	57.75 1.95 0.00	49.42 1.86 0.00	45.43 1.87 0.00	41.75 1.80 0.00	38.94 1.85 0.00	37.93 1.84 0.00	37.95 1.74 0.00	39.22 1.76 0.00	43.42 1.75 0.00	47.92 1.49 0.00	57.52 1.84 0.00	53.30 1.80 0.00	45.43 1.79 0.00	44.04 1.94 0.00	41.22 1.77 0.00	38.28 1.51 0.00	36.61 1.37 0.00
LACHUTE____HYDRO 323717	42.05 3.36 0.00	39.33 3.12 0.00	37.81 3.03 0.00	37.71 3.08 0.00	38.64 3.13 0.00	43.92 3.88 0.00	54.72 5.82 0.00	62.83 7.03 0.00	53.41 5.85 0.00	48.17 4.61 0.00	43.71 3.75 0.00	40.20 3.12 0.00	38.94 2.85 0.00	39.00 2.79 0.00	40.57 3.11 0.00	45.67 4.00 0.00	51.55 5.11 0.00	62.08 6.40 0.00	57.31 5.82 0.00	48.32 4.67 0.00	46.18 4.08 0.00	43.15 3.71 0.00	40.16 3.38 0.00	38.26 3.03 0.00
LAWRNCV_115KV_TB1 80681	38.72 0.04 0.00	36.22 0.00 0.00	34.75 -0.03 0.00	34.62 0.00 0.00	35.51 0.00 0.00	39.76 -0.28 0.00	48.17 -0.73 0.00	55.02 -0.78 0.00	47.04 -0.52 0.00	43.34 -0.22 0.00	39.79 -0.16 0.00	37.31 0.22 0.00	36.31 0.22 0.00	36.39 0.18 0.00	37.61 0.15 0.00	41.42 -0.25 0.00	45.65 -0.79 0.00	54.68 -1.00 0.00	50.72 -0.77 0.00	43.25 -0.39 0.00	42.02 -0.08 0.00	39.28 -0.16 0.00	36.74 -0.04 0.00	35.13 -0.11 0.00
LEDERLE____ 23769	40.31 1.62 0.00	37.78 1.56 0.00	36.25 1.46 0.00	36.08 1.45 0.00	36.93 1.42 0.00	41.76 1.72 0.00	51.69 2.79 0.00	59.37 3.57 0.00	50.28 2.71 0.00	45.95 2.40 0.00	42.07 2.12 0.00	39.02 1.93 0.00	37.97 1.88 0.00	38.16 1.96 0.00	39.30 1.84 0.00	43.88 2.21 0.00	49.18 2.74 0.00	59.19 3.51 0.00	54.58 3.09 0.00	46.13 2.49 0.00	44.38 2.27 0.00	41.57 2.13 0.00	38.84 2.06 0.00	37.03 1.80 0.00
LIGHTHSE_115KV_TB6 355974	37.72 -0.97 0.00	35.28 -0.94 0.00	33.85 -0.94 0.00	33.69 -0.93 0.00	34.59 -0.92 0.00	39.12 -0.92 0.00	47.93 -0.98 0.00	54.79 -1.00 0.00	46.61 -0.95 0.00	42.51 -1.05 0.00	38.83 -1.12 0.00	35.98 -1.11 0.00	34.93 -1.15 0.00	35.01 -1.19 0.00	36.30 -1.16 0.00	40.46 -1.21 0.00	45.51 -0.93 0.00	54.85 -0.84 0.00	50.52 -0.98 0.00	42.60 -1.05 0.00	40.92 -1.18 0.00	38.38 -1.06 0.00	35.67 -1.10 0.00	34.21 -1.02 0.00
LINDEN COGEN____ 23786	40.27 1.59 0.00	37.74 1.52 0.00	36.22 1.43 0.00	36.08 1.45 0.00	36.94 1.42 0.00	41.72 1.68 0.00	51.59 2.69 0.00	59.37 3.57 0.00	50.42 2.85 0.00	46.26 2.70 0.00	42.27 2.32 0.00	39.28 2.19 0.00	38.25 2.17 0.00	38.45 2.25 0.00	39.56 2.10 0.00	44.13 2.46 0.00	49.41 2.97 0.00	59.36 3.67 0.00	54.79 3.30 0.00	46.26 2.62 0.00	44.42 2.31 0.00	41.77 2.33 0.00	38.95 2.17 0.00	37.13 1.90 0.00
LINDHRST_69_KV_BK1 356055	45.83 3.17 -3.97	41.22 2.97 -2.03	38.59 2.82 -0.99	38.79 2.84 -1.32	40.66 2.84 -2.30	46.80 3.36 -3.40	60.65 4.99 -6.76	78.30 6.19 -16.30	61.35 5.04 -8.74	53.10 4.36 -5.19	55.24 3.92 -11.37	50.90 3.60 -10.22	44.72 3.50 -5.13	47.49 3.55 -7.74	47.61 3.56 -6.59	52.63 4.08 -6.87	64.94 4.97 -13.53	82.52 6.24 -20.60	75.66 5.61 -18.55	72.93 4.58 -24.70	66.96 4.21 -20.65	58.96 3.94 -15.57	55.12 3.71 -14.63	49.16 3.35 -10.58
LIPA_MISC_IPP 23656	45.75 3.09 -3.97	41.15 2.90 -2.03	38.59 2.82 -0.99	38.79 2.84 -1.32	40.66 2.84 -2.30	46.84 3.40 -3.40	60.75 5.09 -6.76	78.52 6.42 -16.31	61.35 5.04 -8.74	53.01 4.27 -5.19	55.12 3.80 -11.37	50.90 3.60 -10.22	44.79 3.57 -5.13	47.60 3.66 -7.74	47.76 3.71 -6.59	52.79 4.25 -6.87	65.31 5.34 -13.53	82.97 6.68 -20.61	76.12 6.08 -18.55	73.32 4.98 -24.70	67.30 4.55 -20.65	59.24 4.22 -15.58	55.31 3.90 -14.63	49.34 3.52 -10.58
LISF__SOLAR 323691	45.83 3.17 -3.97	41.19 2.93 -2.03	38.66 2.89 -0.99	38.82 2.87 -1.32	40.73 2.91 -2.30	46.92 3.48 -3.40	60.85 5.18 -6.76	78.69 6.58 -16.31	61.45 5.14 -8.74	53.10 4.36 -5.19	55.20 3.87 -11.37	50.98 3.67 -10.22	44.87 3.64 -5.13	47.68 3.73 -7.74	47.83 3.78 -6.59	52.88 4.33 -6.87	65.45 5.48 -13.53	82.97 6.68 -20.60	76.22 6.18 -18.55	73.41 5.06 -24.70	67.39 4.63 -20.65	59.40 4.38 -15.58	55.34 3.94 -14.63	49.41 3.60 -10.58
LITTLE FALLS____HYD 24013	39.07 0.39 0.00	36.58 0.36 0.00	35.10 0.31 0.00	34.97 0.35 0.00	35.87 0.36 0.00	40.52 0.48 0.00	49.69 0.78 0.00	56.75 0.95 0.00	48.33 0.76 0.00	44.12 0.57 0.00	40.31 0.36 0.00	37.50 0.41 0.00	36.49 0.40 0.00	36.64 0.43 0.00	37.87 0.41 0.00	42.17 0.50 0.00	47.18 0.74 0.00	56.52 0.84 0.00	52.06 0.57 0.00	44.04 0.39 0.00	42.31 0.21 0.00	39.56 0.12 0.00	36.89 0.11 0.00	35.30 0.07 0.00
LITTLRIV_115KV_TB1 356100	39.22 0.54 0.00	36.65 0.43 0.00	35.17 0.38 0.00	35.04 0.42 0.00	35.94 0.43 0.00	40.32 0.28 0.00	48.86 -0.05 0.00	55.91 0.11 0.00	47.80 0.24 0.00	44.04 0.48 0.00	40.43 0.48 0.00	37.83 0.74 0.00	36.81 0.72 0.00	36.93 0.72 0.00	38.14 0.67 0.00	42.05 0.38 0.00	46.35 -0.09 0.00	55.52 -0.17 0.00	51.39 -0.10 0.00	43.86 0.22 0.00	42.57 0.46 0.00	39.76 0.32 0.00	37.14 0.37 0.00	35.48 0.25 0.00

LI_NEWBRDGE___DRP 323616	44.90 2.24 -3.97	40.39 2.14 -2.03	37.79 2.02 -0.99	37.99 2.04 -1.32	39.84 2.02 -2.30	45.84 2.40 -3.40	59.24 3.57 -6.76	76.61 4.52 -16.30	59.97 3.66 -8.75	51.97 3.22 -5.19	54.20 2.88 -11.37	49.98 2.67 -10.22	43.86 2.63 -5.13	46.63 2.68 -7.74	46.67 2.62 -6.59	51.59 3.04 -6.87	63.63 3.67 -13.52	80.90 4.62 -20.59	74.15 4.12 -18.54	71.65 3.32 -24.69	65.77 3.03 -20.64	57.85 2.84 -15.56	54.17 2.76 -14.63	48.25 2.43 -10.58
LOCKPORT_115KV_TB60_63_64 80432	35.63 -3.06 0.00	33.36 -2.86 0.00	32.21 -2.57 0.00	31.99 -2.63 0.00	32.81 -2.70 0.00	36.72 -3.32 0.00	44.16 -4.74 0.00	49.66 -6.14 0.00	42.48 -5.09 0.00	38.81 -4.75 0.00	35.76 -4.19 0.00	33.23 -3.86 0.00	32.44 -3.64 0.00	32.33 -3.87 0.00	33.64 -3.82 0.00	37.13 -4.54 0.00	42.54 -3.90 0.00	51.23 -4.45 0.00	46.96 -4.53 0.00	39.02 -4.63 0.00	36.84 -5.26 0.00	35.06 -4.38 0.00	32.36 -4.41 0.00	32.20 -3.03 0.00
LOCKPORT___CC1 323769	35.59 -3.10 0.00	33.50 -2.72 0.00	32.22 -2.57 0.00	31.99 -2.63 0.00	32.81 -2.70 0.00	36.72 -3.32 0.00	44.11 -4.79 0.00	49.60 -6.20 0.00	42.43 -5.14 0.00	38.77 -4.79 0.00	35.72 -4.24 0.00	33.27 -3.82 0.00	32.41 -3.68 0.00	32.34 -3.87 0.00	33.68 -3.78 0.00	37.13 -4.54 0.00	42.44 -3.99 0.00	50.23 -5.45 0.00	46.96 -4.53 0.00	39.02 -4.63 0.00	37.01 -5.10 0.00	34.83 -4.61 0.00	32.62 -4.16 0.00	32.20 -3.03 0.00
LOCKPORT___CC2 323770	35.59 -3.10 0.00	33.50 -2.72 0.00	32.22 -2.57 0.00	31.99 -2.63 0.00	32.81 -2.70 0.00	36.72 -3.32 0.00	44.11 -4.79 0.00	49.60 -6.20 0.00	42.43 -5.14 0.00	38.77 -4.79 0.00	35.72 -4.24 0.00	33.27 -3.82 0.00	32.41 -3.68 0.00	32.34 -3.87 0.00	33.68 -3.78 0.00	37.13 -4.54 0.00	42.44 -3.99 0.00	50.23 -5.45 0.00	46.96 -4.53 0.00	39.02 -4.63 0.00	37.01 -5.10 0.00	34.83 -4.61 0.00	32.62 -4.16 0.00	32.20 -3.03 0.00
LOCKPORT___CC3 323771	35.59 -3.10 0.00	33.50 -2.72 0.00	32.22 -2.57 0.00	31.99 -2.63 0.00	32.81 -2.70 0.00	36.72 -3.32 0.00	44.11 -4.79 0.00	49.60 -6.20 0.00	42.43 -5.14 0.00	38.77 -4.79 0.00	35.72 -4.24 0.00	33.27 -3.82 0.00	32.41 -3.68 0.00	32.34 -3.87 0.00	33.68 -3.78 0.00	37.13 -4.54 0.00	42.44 -3.99 0.00	50.23 -5.45 0.00	46.96 -4.53 0.00	39.02 -4.63 0.00	37.01 -5.10 0.00	34.83 -4.61 0.00	32.62 -4.16 0.00	32.20 -3.03 0.00
LONG_LAKE_PHOENIX 24014	37.52 -1.16 0.00	35.13 -1.09 0.00	33.75 -1.04 0.00	33.55 -1.07 0.00	34.45 -1.07 0.00	38.92 -1.12 0.00	47.58 -1.32 0.00	54.40 -1.39 0.00	46.33 -1.24 0.00	42.25 -1.31 0.00	38.67 -1.28 0.00	35.83 -1.26 0.00	34.86 -1.23 0.00	34.94 -1.27 0.00	36.23 -1.24 0.00	40.34 -1.33 0.00	45.28 -1.16 0.00	54.40 -1.28 0.00	50.21 -1.29 0.00	42.33 -1.31 0.00	40.71 -1.39 0.00	38.18 -1.26 0.00	35.53 -1.25 0.00	34.11 -1.13 0.00
LOVETT___3 23632	40.15 1.47 0.00	37.60 1.38 0.00	36.08 1.29 0.00	35.94 1.32 0.00	36.79 1.28 0.00	41.60 1.56 0.00	51.45 2.54 0.00	59.03 3.24 0.00	50.04 2.47 0.00	45.69 2.13 0.00	41.87 1.92 0.00	38.83 1.74 0.00	37.86 1.77 0.00	38.02 1.81 0.00	39.15 1.69 0.00	43.67 2.00 0.00	48.90 2.46 0.00	58.86 3.17 0.00	54.27 2.78 0.00	45.87 2.23 0.00	44.12 2.02 0.00	41.37 1.93 0.00	38.69 1.91 0.00	36.89 1.66 0.00
LOVETT___4 23642	40.15 1.47 0.00	37.60 1.38 0.00	36.08 1.29 0.00	35.94 1.32 0.00	36.79 1.28 0.00	41.60 1.56 0.00	51.45 2.54 0.00	59.03 3.24 0.00	50.04 2.47 0.00	45.69 2.13 0.00	41.87 1.92 0.00	38.83 1.74 0.00	37.86 1.77 0.00	38.02 1.81 0.00	39.15 1.69 0.00	43.67 2.00 0.00	48.90 2.46 0.00	58.86 3.17 0.00	54.27 2.78 0.00	45.87 2.23 0.00	44.12 2.02 0.00	41.37 1.93 0.00	38.69 1.91 0.00	36.89 1.66 0.00
LOVETT___5 23593	40.15 1.47 0.00	37.60 1.38 0.00	36.08 1.29 0.00	35.94 1.32 0.00	36.79 1.28 0.00	41.60 1.56 0.00	51.45 2.54 0.00	59.03 3.24 0.00	50.04 2.47 0.00	45.69 2.13 0.00	41.87 1.92 0.00	38.83 1.74 0.00	37.86 1.77 0.00	38.02 1.81 0.00	39.15 1.69 0.00	43.67 2.00 0.00	48.90 2.46 0.00	58.86 3.17 0.00	54.27 2.78 0.00	45.87 2.23 0.00	44.12 2.02 0.00	41.37 1.93 0.00	38.69 1.91 0.00	36.89 1.66 0.00
LOWER RAQUET___HYD 24057	38.57 -0.12 0.00	36.04 -0.18 0.00	34.58 -0.21 0.00	34.45 -0.17 0.00	35.37 -0.14 0.00	39.60 -0.44 0.00	47.97 -0.93 0.00	54.85 -0.95 0.00	46.90 -0.67 0.00	43.12 -0.44 0.00	39.67 -0.28 0.00	37.16 0.07 0.00	36.12 0.04 0.00	36.21 0.00 0.00	37.46 0.00 0.00	41.30 -0.38 0.00	45.51 -0.93 0.00	54.79 -0.89 0.00	50.51 -0.98 0.00	43.12 -0.52 0.00	41.85 -0.25 0.00	39.17 -0.27 0.00	36.59 -0.18 0.00	34.95 -0.28 0.00
LOWER___HUDSON 24059	39.96 1.27 0.00	37.41 1.19 0.00	35.97 1.18 0.00	35.80 1.18 0.00	36.76 1.24 0.00	41.52 1.48 0.00	51.25 2.35 0.00	58.59 2.79 0.00	49.80 2.24 0.00	45.17 1.61 0.00	41.27 1.32 0.00	38.27 1.19 0.00	37.24 1.15 0.00	37.40 1.19 0.00	38.74 1.27 0.00	43.29 1.62 0.00	48.58 2.14 0.00	58.24 2.56 0.00	53.86 2.37 0.00	45.61 1.97 0.00	43.79 1.69 0.00	41.02 1.58 0.00	38.29 1.51 0.00	36.64 1.41 0.00
LOWVILLE_115KV_TB2 356335	39.19 0.50 0.00	36.65 0.43 0.00	35.14 0.35 0.00	35.04 0.42 0.00	35.98 0.46 0.00	40.68 0.64 0.00	49.98 1.08 0.00	57.30 1.51 0.00	48.71 1.14 0.00	44.43 0.87 0.00	40.47 0.52 0.00	37.61 0.52 0.00	36.49 0.40 0.00	36.57 0.36 0.00	37.87 0.41 0.00	42.25 0.58 0.00	47.41 0.98 0.00	57.19 1.50 0.00	52.68 1.18 0.00	44.47 0.83 0.00	42.78 0.67 0.00	39.99 0.55 0.00	37.14 0.37 0.00	35.52 0.28 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	40.50 1.82 0.00	37.92 1.70 0.00	36.42 1.64 0.00	36.29 1.66 0.00	37.22 1.70 0.00	42.08 2.04 0.00	52.03 3.13 0.00	59.54 3.74 0.00	50.61 3.04 0.00	45.86 2.31 0.00	41.87 1.92 0.00	38.76 1.67 0.00	37.64 1.55 0.00	37.77 1.56 0.00	39.15 1.69 0.00	43.88 2.21 0.00	49.27 2.83 0.00	59.25 3.56 0.00	54.63 3.14 0.00	46.22 2.57 0.00	44.38 2.27 0.00	41.53 2.09 0.00	38.73 1.95 0.00	37.00 1.76 0.00
LUTHERNY_35_KV_BK2 355980	40.54 1.86 0.00	37.96 1.74 0.00	36.46 1.67 0.00	36.32 1.70 0.00	37.25 1.74 0.00	42.12 2.08 0.00	52.08 3.18 0.00	59.59 3.79 0.00	50.66 3.09 0.00	45.91 2.35 0.00	41.91 1.96 0.00	38.79 1.71 0.00	37.68 1.59 0.00	37.80 1.59 0.00	39.19 1.72 0.00	43.88 2.21 0.00	49.32 2.88 0.00	59.30 3.62 0.00	54.74 3.24 0.00	46.26 2.62 0.00	44.42 2.32 0.00	41.53 2.09 0.00	38.76 1.99 0.00	37.03 1.80 0.00
LWR___OSWEGATCHIE_HYD 23850	38.37 -0.31 0.00	35.89 -0.33 0.00	34.41 -0.38 0.00	34.28 -0.35 0.00	35.23 -0.28 0.00	39.64 -0.40 0.00	48.37 -0.54 0.00	55.41 -0.39 0.00	47.23 -0.33 0.00	43.25 -0.30 0.00	39.59 -0.36 0.00	36.90 -0.19 0.00	35.87 -0.22 0.00	35.92 -0.29 0.00	37.16 -0.30 0.00	41.21 -0.46 0.00	45.88 -0.56 0.00	55.18 -0.50 0.00	50.93 -0.57 0.00	43.25 -0.39 0.00	41.81 -0.29 0.00	39.09 -0.35 0.00	36.41 -0.37 0.00	34.81 -0.42 0.00

LYONS_FALL_HYD 23570	39.38 0.70 0.00	36.83 0.62 0.00	35.34 0.55 0.00	35.21 0.59 0.00	36.15 0.64 0.00	40.92 0.88 0.00	50.27 1.37 0.00	57.64 1.84 0.00	48.99 1.43 0.00	44.65 1.09 0.00	40.63 0.68 0.00	37.79 0.70 0.00	36.70 0.61 0.00	36.82 0.61 0.00	38.10 0.64 0.00	42.50 0.83 0.00	47.74 1.30 0.00	57.46 1.78 0.00	52.93 1.44 0.00	44.74 1.09 0.00	43.03 0.93 0.00	40.19 0.75 0.00	37.33 0.55 0.00	35.73 0.49 0.00
MADISON___COUNTY_LFGE 323628	39.69 1.01 0.00	37.12 0.91 0.00	35.66 0.87 0.00	35.49 0.87 0.00	36.44 0.92 0.00	41.28 1.24 0.00	50.81 1.91 0.00	58.20 2.40 0.00	49.42 1.86 0.00	44.99 1.44 0.00	41.03 1.08 0.00	38.05 0.96 0.00	36.95 0.87 0.00	37.11 0.91 0.00	38.44 0.97 0.00	42.88 1.21 0.00	48.20 1.76 0.00	57.91 2.23 0.00	53.35 1.85 0.00	44.95 1.31 0.00	43.15 1.05 0.00	40.35 0.91 0.00	37.48 0.70 0.00	35.94 0.70 0.00
MALONE___115KV_TB1 356076	39.81 1.12 0.00	37.23 1.01 0.00	35.73 0.94 0.00	35.56 0.93 0.00	36.51 0.99 0.00	41.04 1.00 0.00	49.69 0.78 0.00	56.86 1.06 0.00	48.66 1.09 0.00	44.78 1.22 0.00	41.15 1.20 0.00	38.42 1.34 0.00	37.39 1.30 0.00	37.44 1.23 0.00	38.70 1.24 0.00	42.75 1.08 0.00	47.14 0.70 0.00	56.57 0.89 0.00	52.47 0.98 0.00	44.73 1.09 0.00	43.41 1.31 0.00	40.59 1.14 0.00	37.73 0.96 0.00	36.08 0.85 0.00
MAPLEWOD_115KV_TB3 80458	39.73 1.04 0.00	37.23 1.01 0.00	35.76 0.97 0.00	35.59 0.97 0.00	36.51 0.99 0.00	41.24 1.20 0.00	50.91 2.01 0.00	58.14 2.34 0.00	49.52 1.95 0.00	44.95 1.39 0.00	41.07 1.12 0.00	38.09 1.00 0.00	37.03 0.94 0.00	37.19 0.98 0.00	38.51 1.05 0.00	43.05 1.38 0.00	48.25 1.81 0.00	57.97 2.28 0.00	53.50 2.01 0.00	45.26 1.61 0.00	43.53 1.43 0.00	40.74 1.30 0.00	38.10 1.32 0.00	36.40 1.16 0.00
MAPLE_RIDGE_WT_1 323574	38.76 0.08 0.00	36.29 0.07 0.00	34.86 0.07 0.00	34.73 0.10 0.00	35.62 0.11 0.00	40.08 0.04 0.00	48.81 -0.10 0.00	55.63 -0.17 0.00	47.47 -0.09 0.00	43.60 0.04 0.00	40.03 0.08 0.00	37.24 0.15 0.00	36.23 0.14 0.00	36.35 0.15 0.00	37.61 0.15 0.00	41.75 0.08 0.00	46.30 -0.14 0.00	55.63 -0.06 0.00	51.29 -0.21 0.00	43.43 -0.22 0.00	41.85 -0.25 0.00	39.13 -0.32 0.00	36.44 -0.33 0.00	34.88 -0.35 0.00
MAPLE_RIDGE_WT_2 323611	38.76 0.08 0.00	36.29 0.07 0.00	34.86 0.07 0.00	34.73 0.10 0.00	35.62 0.11 0.00	40.08 0.04 0.00	48.81 -0.10 0.00	55.63 -0.17 0.00	47.47 -0.09 0.00	43.60 0.04 0.00	40.03 0.08 0.00	37.24 0.15 0.00	36.23 0.14 0.00	36.35 0.15 0.00	37.61 0.15 0.00	41.75 0.08 0.00	46.30 -0.14 0.00	55.63 -0.06 0.00	51.29 -0.21 0.00	43.43 -0.22 0.00	41.85 -0.25 0.00	39.13 -0.32 0.00	36.44 -0.33 0.00	34.88 -0.35 0.00
MARBLE_RIVER_WT_PWR 323696	39.73 1.04 0.00	37.20 0.98 0.00	35.69 0.90 0.00	35.52 0.90 0.00	36.47 0.96 0.00	41.00 0.96 0.00	49.59 0.68 0.00	56.64 0.84 0.00	48.42 0.86 0.00	44.56 1.00 0.00	40.99 1.04 0.00	38.24 1.15 0.00	37.21 1.12 0.00	37.26 1.05 0.00	38.51 1.05 0.00	42.63 0.96 0.00	47.00 0.56 0.00	56.52 0.84 0.00	52.21 0.72 0.00	44.52 0.87 0.00	43.16 1.05 0.00	40.39 0.95 0.00	37.62 0.85 0.00	35.97 0.74 0.00
MARSHVLE_115KV_TB1 80742	41.24 2.55 0.00	38.68 2.46 0.00	37.16 2.37 0.00	37.01 2.39 0.00	37.96 2.45 0.00	43.12 3.08 0.00	53.55 4.65 0.00	61.43 5.64 0.00	52.08 4.52 0.00	47.22 3.66 0.00	43.03 3.08 0.00	39.65 2.56 0.00	38.40 2.31 0.00	38.56 2.35 0.00	40.05 2.58 0.00	44.96 3.29 0.00	50.71 4.27 0.00	61.25 5.57 0.00	56.39 4.89 0.00	47.57 3.93 0.00	45.55 3.45 0.00	42.52 3.08 0.00	39.50 2.72 0.00	37.66 2.43 0.00
MARSH_HILL_WT_PWR 323713	40.04 1.35 0.00	37.52 1.30 0.00	36.04 1.25 0.00	35.80 1.18 0.00	36.79 1.28 0.00	41.52 1.48 0.00	50.86 1.96 0.00	58.20 2.40 0.00	49.47 1.90 0.00	44.91 1.35 0.00	40.91 0.96 0.00	37.83 0.74 0.00	36.85 0.76 0.00	36.86 0.65 0.00	38.29 0.82 0.00	40.71 -0.96 0.00	46.39 -0.05 0.00	55.30 -0.39 0.00	51.34 -0.15 0.00	42.81 -0.83 0.00	40.80 -1.31 0.00	38.26 -1.18 0.00	35.64 -1.14 0.00	34.63 -0.60 0.00
MCINTYRE_115KV_TB2 80467	39.65 0.97 0.00	37.09 0.87 0.00	35.55 0.77 0.00	35.46 0.83 0.00	36.40 0.89 0.00	40.76 0.72 0.00	49.39 0.49 0.00	56.52 0.73 0.00	48.33 0.76 0.00	44.51 0.96 0.00	40.91 0.96 0.00	38.27 1.19 0.00	37.21 1.12 0.00	37.33 1.12 0.00	38.55 1.09 0.00	42.50 0.83 0.00	46.86 0.42 0.00	56.07 0.39 0.00	51.96 0.46 0.00	44.30 0.65 0.00	42.99 0.88 0.00	40.19 0.75 0.00	37.51 0.74 0.00	35.83 0.60 0.00
MECO_____69_KV_BK1 80468	43.21 4.53 0.00	40.53 4.31 0.00	38.93 4.14 0.00	38.88 4.26 0.00	39.88 4.37 0.00	45.40 5.37 0.00	56.68 7.78 0.00	65.12 9.32 0.00	55.08 7.52 0.00	49.65 6.10 0.00	45.18 5.23 0.00	41.43 4.34 0.00	40.06 3.97 0.00	40.19 3.98 0.00	41.92 4.46 0.00	47.38 5.71 0.00	53.54 7.11 0.00	64.70 9.02 0.00	59.37 7.88 0.00	50.15 6.50 0.00	47.87 5.77 0.00	44.69 5.25 0.00	41.45 4.67 0.00	39.46 4.23 0.00
MENANDS___115KV_TB5 355628	39.53 0.85 0.00	37.02 0.80 0.00	35.55 0.77 0.00	35.42 0.80 0.00	36.33 0.82 0.00	41.00 0.96 0.00	50.57 1.66 0.00	57.81 2.01 0.00	49.18 1.62 0.00	44.69 1.13 0.00	40.79 0.84 0.00	37.87 0.78 0.00	36.85 0.76 0.00	36.97 0.76 0.00	38.29 0.82 0.00	42.80 1.13 0.00	47.92 1.49 0.00	57.58 1.89 0.00	53.14 1.65 0.00	45.00 1.35 0.00	43.28 1.18 0.00	40.51 1.06 0.00	37.88 1.10 0.00	36.22 0.99 0.00
MG INDUSTRY___DRP 24185	39.73 1.04 0.00	37.23 1.01 0.00	35.76 0.97 0.00	35.59 0.97 0.00	36.47 0.96 0.00	41.16 1.12 0.00	50.66 1.76 0.00	57.86 2.06 0.00	49.18 1.62 0.00	44.73 1.18 0.00	40.87 0.92 0.00	37.90 0.82 0.00	36.85 0.76 0.00	37.01 0.80 0.00	38.32 0.86 0.00	42.84 1.17 0.00	47.97 1.53 0.00	57.58 1.89 0.00	53.19 1.70 0.00	45.04 1.40 0.00	43.32 1.22 0.00	40.59 1.14 0.00	37.92 1.14 0.00	36.29 1.06 0.00
MID___OSWEGATCHIE_HYD 23849	38.37 -0.31 0.00	35.89 -0.33 0.00	34.41 -0.38 0.00	34.28 -0.35 0.00	35.23 -0.28 0.00	39.64 -0.40 0.00	48.37 -0.54 0.00	55.41 -0.39 0.00	47.23 -0.33 0.00	43.25 -0.30 0.00	39.59 -0.36 0.00	36.90 -0.19 0.00	35.87 -0.22 0.00	35.92 -0.29 0.00	37.16 -0.30 0.00	41.21 -0.46 0.00	45.88 -0.56 0.00	55.18 -0.50 0.00	50.93 -0.57 0.00	43.25 -0.39 0.00	41.81 -0.29 0.00	39.09 -0.35 0.00	36.41 -0.37 0.00	34.81 -0.42 0.00
MID___RAQUETTE_HYD 23851	38.57 -0.12 0.00	36.04 -0.18 0.00	34.58 -0.21 0.00	34.45 -0.17 0.00	35.37 -0.14 0.00	39.60 -0.44 0.00	47.98 -0.93 0.00	54.79 -1.00 0.00	46.90 -0.67 0.00	43.16 -0.39 0.00	39.67 -0.28 0.00	37.16 0.07 0.00	36.12 0.04 0.00	36.21 0.00 0.00	37.46 0.00 0.00	41.30 -0.38 0.00	45.51 -0.93 0.00	54.51 -1.17 0.00	50.52 -0.98 0.00	43.12 -0.52 0.00	41.85 -0.25 0.00	39.13 -0.32 0.00	36.59 -0.18 0.00	34.95 -0.28 0.00

MILLIKEN___1 23584	39.30 0.62 0.00	36.76 0.54 0.00	35.35 0.56 0.00	35.11 0.48 0.00	36.05 0.53 0.00	40.76 0.72 0.00	50.03 1.12 0.00	57.25 1.45 0.00	48.66 1.09 0.00	44.30 0.74 0.00	40.39 0.44 0.00	37.38 0.30 0.00	36.31 0.22 0.00	36.43 0.22 0.00	37.80 0.34 0.00	42.05 0.38 0.00	47.41 0.98 0.00	57.13 1.45 0.00	52.68 1.18 0.00	44.30 0.65 0.00	42.48 0.38 0.00	39.76 0.32 0.00	36.92 0.15 0.00	35.48 0.25 0.00
MILLIKEN___2 23585	39.30 0.62 0.00	36.76 0.54 0.00	35.35 0.56 0.00	35.11 0.48 0.00	36.05 0.53 0.00	40.76 0.72 0.00	50.03 1.12 0.00	57.25 1.45 0.00	48.66 1.09 0.00	44.30 0.74 0.00	40.39 0.44 0.00	37.38 0.30 0.00	36.31 0.22 0.00	36.43 0.22 0.00	37.80 0.34 0.00	42.05 0.38 0.00	47.41 0.98 0.00	57.13 1.45 0.00	52.68 1.18 0.00	44.30 0.65 0.00	42.48 0.38 0.00	39.76 0.32 0.00	36.92 0.15 0.00	35.48 0.25 0.00
MILLIKEN___DIESEL 23629	39.30 0.62 0.00	36.76 0.54 0.00	35.35 0.56 0.00	35.11 0.48 0.00	36.05 0.53 0.00	40.76 0.72 0.00	50.03 1.12 0.00	57.25 1.45 0.00	48.66 1.09 0.00	44.30 0.74 0.00	40.39 0.44 0.00	37.38 0.30 0.00	36.31 0.22 0.00	36.43 0.22 0.00	37.80 0.34 0.00	42.05 0.38 0.00	47.41 0.98 0.00	57.13 1.45 0.00	52.68 1.18 0.00	44.30 0.65 0.00	42.48 0.38 0.00	39.76 0.32 0.00	36.92 0.15 0.00	35.48 0.25 0.00
MILLSEAT___LFGE 323607	36.44 -2.24 0.00	34.23 -1.99 0.00	32.91 -1.88 0.00	32.69 -1.94 0.00	33.53 -1.99 0.00	37.60 -2.44 0.00	45.38 -3.52 0.00	51.22 -4.57 0.00	43.81 -3.76 0.00	39.99 -3.57 0.00	36.75 -3.20 0.00	34.09 -3.00 0.00	33.24 -2.85 0.00	33.13 -3.08 0.00	34.54 -2.92 0.00	38.13 -3.54 0.00	43.60 -2.83 0.00	51.78 -3.90 0.00	48.25 -3.24 0.00	40.15 -3.49 0.00	38.10 -4.00 0.00	35.81 -3.63 0.00	33.50 -3.27 0.00	32.91 -2.33 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.31 1.62 0.00	37.78 1.56 0.00	36.25 1.46 0.00	36.08 1.45 0.00	36.93 1.42 0.00	41.76 1.72 0.00	51.64 2.74 0.00	59.37 3.57 0.00	50.37 2.81 0.00	46.00 2.44 0.00	42.11 2.16 0.00	39.09 2.00 0.00	38.07 1.98 0.00	38.24 2.03 0.00	39.37 1.91 0.00	43.96 2.29 0.00	49.27 2.83 0.00	59.30 3.62 0.00	54.69 3.19 0.00	46.22 2.57 0.00	44.42 2.32 0.00	41.61 2.17 0.00	38.91 2.13 0.00	37.07 1.83 0.00
MILLWOOD_13_KV_LOAD 356217	40.42 1.74 0.00	37.85 1.63 0.00	36.32 1.53 0.00	36.18 1.56 0.00	37.00 1.49 0.00	41.88 1.84 0.00	51.79 2.89 0.00	59.54 3.74 0.00	50.51 2.95 0.00	46.13 2.57 0.00	42.23 2.28 0.00	39.13 2.04 0.00	38.15 2.06 0.00	38.31 2.10 0.00	39.45 1.99 0.00	44.05 2.38 0.00	49.41 2.97 0.00	59.47 3.79 0.00	54.84 3.35 0.00	46.31 2.66 0.00	44.54 2.44 0.00	41.73 2.29 0.00	38.98 2.21 0.00	37.14 1.90 0.00
MODEL_CITY_ENERGY 24167	35.16 -3.52 0.00	33.10 -3.12 0.00	31.83 -2.96 0.00	31.61 -3.01 0.00	32.42 -3.09 0.00	36.27 -3.77 0.00	43.57 -5.33 0.00	48.93 -6.87 0.00	41.90 -5.66 0.00	38.28 -5.27 0.00	35.28 -4.67 0.00	32.86 -4.23 0.00	32.01 -4.08 0.00	31.94 -4.27 0.00	33.27 -4.19 0.00	36.63 -5.04 0.00	41.89 -4.55 0.00	49.50 -6.18 0.00	46.29 -5.20 0.00	38.49 -5.15 0.00	36.50 -5.60 0.00	34.32 -5.13 0.00	32.21 -4.56 0.00	31.82 -3.42 0.00
MODERN_LFGE___ 323580	35.16 -3.52 0.00	33.10 -3.12 0.00	31.83 -2.96 0.00	31.61 -3.01 0.00	32.42 -3.09 0.00	36.27 -3.77 0.00	43.57 -5.33 0.00	48.93 -6.87 0.00	41.90 -5.66 0.00	38.28 -5.27 0.00	35.28 -4.67 0.00	32.86 -4.23 0.00	32.01 -4.08 0.00	31.94 -4.27 0.00	33.27 -4.19 0.00	36.63 -5.04 0.00	41.89 -4.55 0.00	49.50 -6.18 0.00	46.29 -5.20 0.00	38.49 -5.15 0.00	36.50 -5.60 0.00	34.32 -5.13 0.00	32.21 -4.56 0.00	31.82 -3.42 0.00
MOHAWK_PAPER___DRP 24187	39.73 1.04 0.00	37.23 1.01 0.00	35.76 0.97 0.00	35.59 0.97 0.00	36.51 0.99 0.00	41.24 1.20 0.00	50.91 2.01 0.00	58.14 2.34 0.00	49.52 1.95 0.00	44.95 1.39 0.00	41.07 1.12 0.00	38.09 1.00 0.00	37.03 0.94 0.00	37.19 0.98 0.00	38.51 1.05 0.00	43.05 1.38 0.00	48.25 1.81 0.00	57.97 2.28 0.00	53.50 2.01 0.00	45.26 1.61 0.00	43.53 1.43 0.00	40.74 1.30 0.00	38.10 1.32 0.00	36.40 1.16 0.00
MOHICAN___35_KV_115KV_LD 80490	40.58 1.90 0.00	37.96 1.74 0.00	36.49 1.70 0.00	36.36 1.73 0.00	37.25 1.74 0.00	42.24 2.20 0.00	52.38 3.47 0.00	60.04 4.24 0.00	50.99 3.42 0.00	46.13 2.57 0.00	42.03 2.08 0.00	38.83 1.74 0.00	37.68 1.59 0.00	37.77 1.56 0.00	39.22 1.76 0.00	44.00 2.33 0.00	49.50 3.06 0.00	59.64 3.95 0.00	55.00 3.50 0.00	46.48 2.84 0.00	44.54 2.44 0.00	41.65 2.21 0.00	38.84 2.06 0.00	37.03 1.80 0.00
MONGAUP___HYD 23641	39.81 1.12 0.00	37.27 1.05 0.00	35.80 1.01 0.00	35.59 0.97 0.00	36.47 0.96 0.00	41.24 1.20 0.00	51.11 2.20 0.00	58.14 2.34 0.00	49.52 1.95 0.00	45.17 1.61 0.00	41.19 1.24 0.00	38.05 0.96 0.00	36.92 0.83 0.00	37.15 0.94 0.00	38.29 0.82 0.00	42.96 1.29 0.00	48.43 2.00 0.00	57.97 2.28 0.00	53.76 2.26 0.00	45.48 1.83 0.00	43.74 1.64 0.00	40.94 1.50 0.00	38.10 1.32 0.00	36.36 1.13 0.00
MONTAUK___DIESEL 23721	47.07 4.41 -3.97	42.35 4.09 -2.03	39.74 3.97 -0.99	39.90 3.95 -1.32	41.83 4.01 -2.30	48.24 4.80 -3.40	62.61 6.94 -6.76	80.81 8.70 -16.31	63.21 6.90 -8.74	54.58 5.84 -5.19	56.64 5.31 -11.37	52.20 4.90 -10.22	45.99 4.76 -5.13	48.76 4.82 -7.74	49.03 4.98 -6.59	54.25 5.71 -6.87	67.21 7.24 -13.53	85.42 9.13 -20.61	78.39 8.34 -18.55	75.20 6.85 -24.70	69.07 6.32 -20.65	60.82 5.80 -15.58	56.70 5.30 -14.63	50.61 4.79 -10.58
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.52 -1.16 0.00	35.10 -1.12 0.00	33.78 -1.01 0.00	33.59 -1.04 0.00	34.52 -0.99 0.00	38.72 -1.32 0.00	46.75 -2.15 0.00	52.90 -2.90 0.00	45.28 -2.28 0.00	41.34 -2.22 0.00	37.99 -1.96 0.00	35.34 -1.74 0.00	34.46 -1.62 0.00	34.36 -1.85 0.00	35.70 -1.76 0.00	39.42 -2.25 0.00	45.09 -1.35 0.00	54.23 -1.45 0.00	49.59 -1.91 0.00	41.16 -2.49 0.00	38.82 -3.28 0.00	36.88 -2.56 0.00	33.98 -2.80 0.00	33.58 -1.66 0.00
MORTIMER_115KV_TB3 55949	36.98 -1.70 0.00	34.59 -1.63 0.00	33.36 -1.43 0.00	33.14 -1.49 0.00	34.02 -1.49 0.00	38.28 -1.76 0.00	46.51 -2.40 0.00	52.79 -3.01 0.00	45.04 -2.52 0.00	41.12 -2.44 0.00	37.71 -2.24 0.00	34.94 -2.15 0.00	34.07 -2.02 0.00	34.04 -2.17 0.00	35.40 -2.06 0.00	39.17 -2.50 0.00	44.49 -1.95 0.00	53.62 -2.06 0.00	49.28 -2.21 0.00	41.20 -2.44 0.00	39.24 -2.86 0.00	37.04 -2.41 0.00	34.28 -2.50 0.00	33.47 -1.76 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.54 1.86 0.00	37.99 1.77 0.00	36.46 1.67 0.00	36.29 1.66 0.00	37.15 1.63 0.00	42.00 1.96 0.00	51.94 3.03 0.00	59.76 3.96 0.00	50.75 3.19 0.00	46.43 2.87 0.00	42.47 2.52 0.00	39.42 2.34 0.00	38.40 2.31 0.00	38.60 2.39 0.00	39.75 2.29 0.00	44.34 2.67 0.00	49.64 3.20 0.00	59.80 4.12 0.00	55.10 3.60 0.00	46.52 2.88 0.00	44.71 2.61 0.00	41.89 2.45 0.00	39.20 2.43 0.00	37.31 2.08 0.00

MUNSVILLE_WIND_PWR 323609	42.71 4.02 0.00	40.02 3.80 0.00	38.20 3.41 0.00	38.09 3.46 0.00	39.06 3.55 0.00	44.36 4.33 0.00	54.72 5.82 0.00	62.94 7.14 0.00	53.13 5.56 0.00	48.39 4.83 0.00	43.87 3.92 0.00	40.31 3.23 0.00	38.83 2.74 0.00	39.11 2.90 0.00	40.57 3.11 0.00	45.38 3.71 0.00	51.82 5.38 0.00	62.75 7.07 0.00	57.93 6.44 0.00	48.53 4.89 0.00	46.40 4.30 0.00	43.19 3.75 0.00	39.72 2.94 0.00	38.09 2.85 0.00
N SALMON___HYD 24042	39.81 1.12 0.00	37.23 1.01 0.00	35.73 0.94 0.00	35.56 0.94 0.00	36.51 0.99 0.00	41.04 1.00 0.00	49.68 0.78 0.00	56.86 1.06 0.00	48.66 1.09 0.00	44.73 1.18 0.00	41.15 1.20 0.00	38.42 1.33 0.00	37.39 1.30 0.00	37.44 1.23 0.00	38.70 1.23 0.00	42.75 1.08 0.00	47.14 0.70 0.00	56.80 1.11 0.00	52.47 0.98 0.00	44.74 1.09 0.00	43.41 1.31 0.00	40.59 1.14 0.00	37.73 0.95 0.00	36.08 0.84 0.00
N.AKRON___115KV_KNAPP 355671	36.40 -2.28 0.00	34.08 -2.14 0.00	32.91 -1.88 0.00	32.65 -1.97 0.00	33.52 -1.99 0.00	37.60 -2.44 0.00	45.33 -3.57 0.00	51.17 -4.63 0.00	43.76 -3.81 0.00	39.94 -3.62 0.00	36.71 -3.24 0.00	34.05 -3.04 0.00	33.20 -2.89 0.00	33.10 -3.11 0.00	34.47 -3.00 0.00	38.09 -3.58 0.00	43.65 -2.79 0.00	52.62 -3.06 0.00	48.20 -3.30 0.00	40.11 -3.54 0.00	37.89 -4.21 0.00	35.97 -3.47 0.00	33.21 -3.57 0.00	32.87 -2.36 0.00
N.BELMOR_69_KV_BK1 55787	45.25 2.59 -3.97	40.72 2.46 -2.03	38.07 2.30 -0.99	38.27 2.32 -1.32	40.12 2.31 -2.30	46.16 2.72 -3.40	59.72 4.06 -6.76	77.17 5.08 -16.30	60.40 4.09 -8.74	52.36 3.62 -5.19	54.56 3.24 -11.37	50.27 2.97 -10.21	44.14 2.92 -5.13	46.91 2.97 -7.73	46.97 2.92 -6.58	51.92 3.38 -6.87	64.00 4.04 -13.52	81.40 5.12 -20.59	74.62 4.58 -18.54	72.05 3.71 -24.69	66.11 3.37 -20.64	58.24 3.23 -15.56	54.49 3.09 -14.63	48.56 2.75 -10.58
N.E_GEN_SANDY PD 24062	40.04 1.35 0.00	37.49 1.27 0.00	36.04 1.25 0.00	35.91 1.28 0.00	36.83 1.31 0.00	41.56 1.52 0.00	52.62 2.44 -1.27	58.89 2.96 -0.14	51.28 2.33 -1.38	43.96 1.79 1.38	41.43 1.48 0.00	38.50 1.41 0.00	37.49 1.41 0.00	37.66 1.45 0.00	38.92 1.46 0.00	43.50 1.83 0.00	51.76 2.32 -3.00	66.55 2.84 -8.03	57.48 2.62 -3.36	48.13 2.14 -2.35	54.82 1.85 -10.87	51.70 1.82 -10.44	43.33 1.73 -4.82	42.00 1.62 -5.14
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.19 1.51 0.00	37.67 1.45 0.00	36.15 1.36 0.00	35.97 1.35 0.00	36.83 1.31 0.00	41.64 1.60 0.00	51.55 2.64 0.00	59.15 3.35 0.00	50.09 2.52 0.00	45.78 2.22 0.00	41.91 1.96 0.00	38.91 1.82 0.00	37.89 1.80 0.00	38.06 1.85 0.00	39.19 1.72 0.00	43.71 2.04 0.00	48.99 2.55 0.00	58.97 3.29 0.00	54.38 2.88 0.00	45.96 2.31 0.00	44.21 2.11 0.00	41.41 1.97 0.00	38.76 1.99 0.00	36.92 1.69 0.00
N.QUEENS_27_KV_LOAD 356247	40.82 2.13 -0.01	38.28 2.06 0.00	36.70 1.91 0.00	36.49 1.87 0.00	37.36 1.85 0.00	42.04 2.00 0.00	51.94 3.03 0.00	59.82 4.02 0.00	50.94 3.38 0.00	46.60 3.05 0.01	42.63 2.68 0.00	39.57 2.48 0.00	38.58 2.49 0.00	38.74 2.53 0.00	39.90 2.44 0.00	44.50 2.83 0.00	49.78 3.34 0.00	60.03 4.34 0.00	55.30 3.81 0.00	46.66 3.01 0.00	44.80 2.69 0.00	41.93 2.48 0.00	39.31 2.54 0.00	37.56 2.33 0.00
N.TROY___115KV_TB1 355778	39.96 1.28 0.00	37.41 1.20 0.00	35.97 1.18 0.00	35.80 1.18 0.00	36.76 1.24 0.00	41.52 1.48 0.00	51.25 2.35 0.00	58.59 2.79 0.00	49.80 2.24 0.00	45.17 1.61 0.00	41.27 1.32 0.00	38.27 1.19 0.00	37.24 1.15 0.00	37.37 1.16 0.00	38.74 1.27 0.00	43.30 1.63 0.00	48.58 2.14 0.00	58.35 2.67 0.00	53.86 2.37 0.00	45.61 1.96 0.00	43.83 1.73 0.00	41.02 1.58 0.00	38.32 1.54 0.00	36.64 1.41 0.00
NARROWS_GT1_1 24228	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	43.03 2.83 -3.99	40.12 2.66 0.00	45.30 3.17 -0.46	50.25 3.81 0.00	60.25 4.57 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.05 2.95 0.00	42.42 2.96 -0.01	39.62 2.83 -0.01	37.77 2.54 0.00
NARROWS_GT1_2 24229	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	43.03 2.83 -3.99	40.12 2.66 0.00	45.30 3.17 -0.46	50.25 3.81 0.00	60.25 4.57 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.05 2.95 0.00	42.42 2.96 -0.01	39.62 2.83 -0.01	37.77 2.54 0.00
NARROWS_GT1_3 24230	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	43.03 2.83 -3.99	40.12 2.66 0.00	45.30 3.17 -0.46	50.25 3.81 0.00	60.25 4.57 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.05 2.95 0.00	42.42 2.96 -0.01	39.62 2.83 -0.01	37.77 2.54 0.00
NARROWS_GT1_4 24231	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	43.03 2.83 -3.99	40.12 2.66 0.00	45.30 3.17 -0.46	50.25 3.81 0.00	60.25 4.57 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.05 2.95 0.00	42.42 2.96 -0.01	39.62 2.83 -0.01	37.77 2.54 0.00
NARROWS_GT1_5 24232	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	43.03 2.83 -3.99	40.12 2.66 0.00	45.30 3.17 -0.46	50.25 3.81 0.00	60.25 4.57 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.05 2.95 0.00	42.42 2.96 -0.01	39.62 2.83 -0.01	37.77 2.54 0.00
NARROWS_GT1_6 24233	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	43.03 2.83 -3.99	40.12 2.66 0.00	45.30 3.17 -0.46	50.25 3.81 0.00	60.25 4.57 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.05 2.95 0.00	42.42 2.96 -0.01	39.62 2.83 -0.01	37.77 2.54 0.00
NARROWS_GT1_7 24234	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	43.03 2.83 -3.99	40.12 2.66 0.00	45.30 3.17 -0.46	50.25 3.81 0.00	60.25 4.57 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.05 2.95 0.00	42.42 2.96 -0.01	39.62 2.83 -0.01	37.77 2.54 0.00

NARROWS_GT1_8 24235	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	43.03 2.83 -3.99	40.12 2.66 0.00	45.30 3.17 -0.46	50.25 3.81 0.00	60.25 4.57 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.05 2.95 0.00	42.42 2.96 -0.01	39.62 2.83 -0.01	37.77 2.54 0.00
NARROWS_GT2_1 24236	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.33 3.42 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.41 2.96 -17.50	39.83 2.74 0.00	44.15 2.74 -5.32	42.99 2.79 -3.99	40.08 2.62 0.00	45.26 3.13 -0.46	50.20 3.76 0.00	60.30 4.62 0.00	55.66 4.17 0.00	46.96 3.32 0.00	45.01 2.90 0.00	42.37 2.92 -0.01	39.58 2.79 -0.01	37.74 2.50 0.00
NARROWS_GT2_2 24237	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.33 3.42 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.41 2.96 -17.50	39.83 2.74 0.00	44.15 2.74 -5.32	42.99 2.79 -3.99	40.08 2.62 0.00	45.26 3.13 -0.46	50.20 3.76 0.00	60.30 4.62 0.00	55.66 4.17 0.00	46.96 3.32 0.00	45.01 2.90 0.00	42.37 2.92 -0.01	39.58 2.79 -0.01	37.74 2.50 0.00
NARROWS_GT2_3 24238	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.33 3.42 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.41 2.96 -17.50	39.83 2.74 0.00	44.15 2.74 -5.32	42.99 2.79 -3.99	40.08 2.62 0.00	45.26 3.13 -0.46	50.20 3.76 0.00	60.30 4.62 0.00	55.66 4.17 0.00	46.96 3.32 0.00	45.01 2.90 0.00	42.37 2.92 -0.01	39.58 2.79 -0.01	37.74 2.50 0.00
NARROWS_GT2_4 24239	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.33 3.42 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.41 2.96 -17.50	39.83 2.74 0.00	44.15 2.74 -5.32	42.99 2.79 -3.99	40.08 2.62 0.00	45.26 3.13 -0.46	50.20 3.76 0.00	60.30 4.62 0.00	55.66 4.17 0.00	46.96 3.32 0.00	45.01 2.90 0.00	42.37 2.92 -0.01	39.58 2.79 -0.01	37.74 2.50 0.00
NARROWS_GT2_5 24240	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.33 3.42 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.41 2.96 -17.50	39.83 2.74 0.00	44.15 2.74 -5.32	42.99 2.79 -3.99	40.08 2.62 0.00	45.26 3.13 -0.46	50.20 3.76 0.00	60.30 4.62 0.00	55.66 4.17 0.00	46.96 3.32 0.00	45.01 2.90 0.00	42.37 2.92 -0.01	39.58 2.79 -0.01	37.74 2.50 0.00
NARROWS_GT2_6 24241	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.33 3.42 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.41 2.96 -17.50	39.83 2.74 0.00	44.15 2.74 -5.32	42.99 2.79 -3.99	40.08 2.62 0.00	45.26 3.13 -0.46	50.20 3.76 0.00	60.30 4.62 0.00	55.66 4.17 0.00	46.96 3.32 0.00	45.01 2.90 0.00	42.37 2.92 -0.01	39.58 2.79 -0.01	37.74 2.50 0.00
NARROWS_GT2_7 24242	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.33 3.42 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.41 2.96 -17.50	39.83 2.74 0.00	44.15 2.74 -5.32	42.99 2.79 -3.99	40.08 2.62 0.00	45.26 3.13 -0.46	50.20 3.76 0.00	60.30 4.62 0.00	55.66 4.17 0.00	46.96 3.32 0.00	45.01 2.90 0.00	42.37 2.92 -0.01	39.58 2.79 -0.01	37.74 2.50 0.00
NARROWS_GT2_8 24243	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.33 3.42 0.00	60.26 4.47 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.41 2.96 -17.50	39.83 2.74 0.00	44.15 2.74 -5.32	42.99 2.79 -3.99	40.08 2.62 0.00	45.26 3.13 -0.46	50.20 3.76 0.00	60.30 4.62 0.00	55.66 4.17 0.00	46.96 3.32 0.00	45.01 2.90 0.00	42.37 2.92 -0.01	39.58 2.79 -0.01	37.74 2.50 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.58 1.90 0.00	37.99 1.77 0.00	36.49 1.70 0.00	36.32 1.70 0.00	37.22 1.70 0.00	41.96 1.92 0.00	51.99 3.08 0.00	59.09 3.29 0.00	50.13 2.57 0.00	45.39 1.83 0.00	41.23 1.28 0.00	38.09 1.00 0.00	36.88 0.79 0.00	37.08 0.87 0.00	38.47 1.01 0.00	43.25 1.58 0.00	48.85 2.41 0.00	58.74 3.06 0.00	54.17 2.68 0.00	45.91 2.27 0.00	44.17 2.06 0.00	41.26 1.81 0.00	38.43 1.65 0.00	36.92 1.69 0.00
NCHELSEA_115KV_TR2 355582	40.62 1.93 0.00	38.07 1.85 0.00	36.53 1.74 0.00	36.36 1.73 0.00	37.22 1.70 0.00	42.08 2.04 0.00	52.13 3.23 0.00	59.70 3.91 0.00	50.66 3.09 0.00	46.17 2.61 0.00	42.19 2.24 0.00	39.09 2.00 0.00	37.97 1.88 0.00	38.16 1.96 0.00	39.34 1.87 0.00	44.00 2.33 0.00	49.55 3.11 0.00	59.64 3.95 0.00	54.94 3.45 0.00	46.44 2.79 0.00	44.67 2.57 0.00	41.85 2.41 0.00	39.06 2.28 0.00	37.24 2.01 0.00
NEG CAPITAL___MECHNVIL 23645	40.54 1.86 0.00	37.96 1.74 0.00	36.49 1.70 0.00	36.36 1.73 0.00	37.25 1.74 0.00	42.16 2.12 0.00	52.13 3.23 0.00	59.65 3.85 0.00	50.70 3.14 0.00	45.99 2.44 0.00	41.95 2.00 0.00	38.83 1.74 0.00	37.75 1.66 0.00	37.84 1.63 0.00	39.26 1.80 0.00	43.96 2.29 0.00	49.41 2.97 0.00	59.30 3.62 0.00	54.79 3.30 0.00	46.35 2.71 0.00	44.46 2.36 0.00	41.61 2.17 0.00	38.80 2.02 0.00	37.10 1.87 0.00
NEG CENTRAL_HIGH_ACRES 23767	36.63 -2.05 0.00	34.33 -1.88 0.00	33.02 -1.77 0.00	32.75 -1.87 0.00	33.67 -1.85 0.00	37.92 -2.12 0.00	46.21 -2.69 0.00	52.62 -3.18 0.00	44.90 -2.66 0.00	40.94 -2.61 0.00	37.51 -2.44 0.00	34.71 -2.37 0.00	33.78 -2.31 0.00	33.82 -2.39 0.00	35.14 -2.32 0.00	38.92 -2.75 0.00	44.12 -2.32 0.00	52.67 -3.01 0.00	48.87 -2.62 0.00	40.98 -2.66 0.00	39.15 -2.95 0.00	36.68 -2.76 0.00	34.24 -2.54 0.00	33.12 -2.11 0.00
NEG CENTRAL___DRP 24199	38.34 -0.35 0.00	35.93 -0.29 0.00	34.58 -0.21 0.00	34.38 -0.24 0.00	35.26 -0.25 0.00	39.80 -0.24 0.00	48.76 -0.15 0.00	55.74 -0.06 0.00	47.42 -0.14 0.00	43.12 -0.44 0.00	39.39 -0.56 0.00	36.46 -0.63 0.00	35.51 -0.58 0.00	35.59 -0.62 0.00	36.86 -0.60 0.00	40.80 -0.88 0.00	46.11 -0.33 0.00	55.52 -0.17 0.00	51.13 -0.36 0.00	42.95 -0.70 0.00	41.09 -1.01 0.00	38.57 -0.87 0.00	35.82 -0.96 0.00	34.60 -0.63 0.00
NEG CENTRAL___INDECK 23768	39.61 0.93 0.00	37.05 0.83 0.00	35.62 0.83 0.00	35.35 0.73 0.00	36.33 0.82 0.00	41.04 1.00 0.00	50.17 1.27 0.00	57.42 1.62 0.00	48.85 1.28 0.00	44.30 0.74 0.00	40.35 0.40 0.00	37.24 0.15 0.00	36.27 0.18 0.00	36.21 0.00 0.00	37.80 0.34 0.00	41.00 -0.67 0.00	46.86 0.42 0.00	56.07 0.39 0.00	52.06 0.57 0.00	43.38 -0.26 0.00	41.35 -0.76 0.00	38.69 -0.75 0.00	36.04 -0.74 0.00	34.95 -0.28 0.00

NEG CENTRAL___SENECA 23627	38.61 -0.08 0.00	36.18 -0.04 0.00	34.89 0.10 0.00	34.66 0.03 0.00	35.55 0.04 0.00	40.04 0.00 0.00	49.05 0.15 0.00	56.08 0.28 0.00	47.66 0.10 0.00	43.34 -0.22 0.00	39.55 -0.40 0.00	36.57 -0.52 0.00	35.69 -0.40 0.00	35.70 -0.51 0.00	37.01 -0.45 0.00	40.80 -0.88 0.00	46.25 -0.19 0.00	55.74 0.06 0.00	51.29 -0.21 0.00	42.99 -0.65 0.00	41.05 -1.05 0.00	38.54 -0.91 0.00	35.82 -0.96 0.00	34.71 -0.53 0.00
NEG CENTRAL___STATE_STREET 24147	38.37 -0.31 0.00	35.93 -0.29 0.00	34.55 -0.24 0.00	34.31 -0.31 0.00	35.23 -0.28 0.00	39.84 -0.20 0.00	48.90 0.00 0.00	55.91 0.11 0.00	47.61 0.05 0.00	43.34 -0.22 0.00	39.63 -0.32 0.00	36.64 -0.45 0.00	35.66 -0.43 0.00	35.74 -0.47 0.00	37.05 -0.41 0.00	41.17 -0.50 0.00	46.39 -0.05 0.00	55.85 0.17 0.00	51.49 0.00 0.00	43.34 -0.31 0.00	41.55 -0.55 0.00	38.93 -0.51 0.00	36.15 -0.63 0.00	34.74 -0.49 0.00
NEG MILLWOOD___DRP 24198	40.85 2.17 0.00	38.25 2.03 0.00	36.74 1.95 0.00	36.56 1.94 0.00	37.36 1.85 0.00	42.28 2.24 0.00	52.33 3.42 0.00	60.21 4.41 0.00	51.04 3.47 0.00	46.52 2.96 0.00	42.51 2.56 0.00	39.31 2.23 0.00	38.22 2.13 0.00	38.38 2.17 0.00	39.56 2.10 0.00	44.25 2.58 0.00	49.83 3.39 0.00	60.08 4.40 0.00	55.41 3.91 0.00	46.79 3.14 0.00	44.97 2.86 0.00	42.16 2.72 0.00	39.31 2.54 0.00	37.45 2.22 0.00
NEG NORTH_FLCN_SEA 23793	40.31 1.62 0.00	37.70 1.48 0.00	36.18 1.39 0.00	36.01 1.38 0.00	37.00 1.49 0.00	41.60 1.56 0.00	50.32 1.42 0.00	57.53 1.73 0.00	49.23 1.66 0.00	45.26 1.70 0.00	41.59 1.64 0.00	38.79 1.71 0.00	37.78 1.70 0.00	37.80 1.59 0.00	39.11 1.65 0.00	43.25 1.58 0.00	47.74 1.30 0.00	57.24 1.56 0.00	53.09 1.60 0.00	45.21 1.57 0.00	43.87 1.77 0.00	41.02 1.58 0.00	38.14 1.36 0.00	36.50 1.27 0.00
NEG NORTH_KES_CHATAGAY 23792	39.81 1.12 0.00	37.23 1.01 0.00	35.73 0.94 0.00	35.56 0.93 0.00	36.51 0.99 0.00	41.04 1.00 0.00	49.64 0.73 0.00	56.69 0.89 0.00	48.47 0.90 0.00	44.65 1.09 0.00	41.03 1.08 0.00	38.27 1.19 0.00	37.24 1.15 0.00	37.30 1.09 0.00	38.55 1.09 0.00	42.67 1.00 0.00	47.04 0.60 0.00	56.35 0.67 0.00	52.27 0.77 0.00	44.56 0.92 0.00	43.24 1.14 0.00	40.47 1.03 0.00	37.66 0.88 0.00	36.04 0.81 0.00
NEG NORTH___ALICE_FALLS 23915	40.42 1.74 0.00	37.81 1.59 0.00	36.29 1.50 0.00	36.11 1.49 0.00	37.08 1.56 0.00	41.72 1.68 0.00	50.47 1.56 0.00	57.75 1.95 0.00	49.42 1.86 0.00	45.43 1.87 0.00	41.75 1.80 0.00	38.94 1.85 0.00	37.93 1.84 0.00	37.95 1.74 0.00	39.22 1.76 0.00	43.42 1.75 0.00	47.92 1.49 0.00	57.52 1.84 0.00	53.30 1.80 0.00	45.43 1.79 0.00	44.04 1.94 0.00	41.22 1.77 0.00	38.28 1.51 0.00	36.61 1.37 0.00
NEG NORTH___LWR_SARANAC 23913	40.42 1.74 0.00	37.81 1.59 0.00	36.29 1.50 0.00	36.11 1.49 0.00	37.08 1.56 0.00	41.72 1.68 0.00	50.47 1.56 0.00	57.75 1.95 0.00	49.42 1.86 0.00	45.43 1.87 0.00	41.75 1.80 0.00	38.94 1.85 0.00	37.93 1.84 0.00	37.95 1.74 0.00	39.22 1.76 0.00	43.42 1.75 0.00	47.92 1.49 0.00	57.52 1.84 0.00	53.30 1.80 0.00	45.43 1.79 0.00	44.04 1.94 0.00	41.22 1.77 0.00	38.28 1.51 0.00	36.61 1.37 0.00
NEG NORTH___PLATTSBURG 23628	40.43 1.74 0.00	37.81 1.59 0.00	36.28 1.49 0.00	36.11 1.49 0.00	37.07 1.56 0.00	41.72 1.68 0.00	50.47 1.56 0.00	57.75 1.95 0.00	49.42 1.85 0.00	45.39 1.83 0.00	41.75 1.80 0.00	38.94 1.85 0.00	37.93 1.84 0.00	37.95 1.74 0.00	39.22 1.76 0.00	43.42 1.75 0.00	47.92 1.49 0.00	57.68 2.00 0.00	53.29 1.80 0.00	45.43 1.79 0.00	44.04 1.94 0.00	41.22 1.78 0.00	38.29 1.51 0.00	36.61 1.37 0.00
NEG WEST_LEA_LOCKPORT 23791	35.59 -3.09 0.00	33.36 -2.86 0.00	32.21 -2.57 0.00	31.99 -2.63 0.00	32.81 -2.70 0.00	36.72 -3.32 0.00	44.11 -4.79 0.00	49.60 -6.19 0.00	42.43 -5.14 0.00	38.81 -4.75 0.00	35.72 -4.23 0.00	33.19 -3.89 0.00	32.44 -3.64 0.00	32.33 -3.87 0.00	33.60 -3.86 0.00	37.13 -4.54 0.00	42.54 -3.90 0.00	51.23 -4.45 0.00	46.96 -4.53 0.00	39.02 -4.63 0.00	36.84 -5.26 0.00	35.06 -4.38 0.00	32.36 -4.41 0.00	32.20 -3.03 0.00
NEG WEST___LANCASTER 23811	37.17 -1.51 0.00	34.81 -1.41 0.00	33.54 -1.25 0.00	33.31 -1.32 0.00	34.16 -1.35 0.00	38.32 -1.72 0.00	46.17 -2.74 0.00	52.23 -3.57 0.00	44.62 -2.95 0.00	40.73 -2.83 0.00	37.43 -2.52 0.00	34.83 -2.26 0.00	33.96 -2.13 0.00	33.86 -2.35 0.00	35.21 -2.25 0.00	38.88 -2.79 0.00	44.44 -2.00 0.00	53.45 -2.23 0.00	49.07 -2.42 0.00	40.81 -2.84 0.00	38.61 -3.49 0.00	36.72 -2.72 0.00	33.94 -2.83 0.00	33.51 -1.73 0.00
NEG_PENN_ALLEGHNY 23528	38.76 0.08 0.00	36.33 0.11 0.00	34.89 0.10 0.00	34.69 0.07 0.00	35.58 0.07 0.00	40.16 0.12 0.00	49.20 0.30 0.00	56.19 0.39 0.00	47.76 0.19 0.00	43.56 0.00 0.00	39.83 -0.12 0.00	36.90 -0.18 0.00	35.91 -0.18 0.00	35.99 -0.22 0.00	37.31 -0.15 0.00	41.38 -0.29 0.00	46.63 0.19 0.00	55.85 0.17 0.00	51.75 0.26 0.00	43.51 -0.13 0.00	41.76 -0.34 0.00	39.13 -0.32 0.00	36.41 -0.37 0.00	35.09 -0.14 0.00
NEG___GEN_MONROE 24207	37.10 -1.59 0.00	34.73 -1.48 0.00	33.47 -1.32 0.00	33.20 -1.42 0.00	34.09 -1.42 0.00	38.40 -1.64 0.00	46.56 -2.35 0.00	52.67 -3.12 0.00	44.95 -2.62 0.00	40.99 -2.57 0.00	37.47 -2.48 0.00	34.71 -2.37 0.00	33.96 -2.13 0.00	33.93 -2.28 0.00	35.25 -2.21 0.00	38.92 -2.75 0.00	44.30 -2.14 0.00	53.29 -2.39 0.00	48.97 -2.52 0.00	40.94 -2.71 0.00	38.86 -3.24 0.00	36.68 -2.76 0.00	34.02 -2.76 0.00	33.33 -1.90 0.00
NEPA___ENERGY 23901	36.79 -1.90 0.00	34.44 -1.77 0.00	33.22 -1.57 0.00	33.00 -1.63 0.00	33.84 -1.67 0.00	37.96 -2.08 0.00	45.82 -3.08 0.00	51.73 -4.07 0.00	44.19 -3.38 0.00	40.33 -3.22 0.00	37.11 -2.84 0.00	34.49 -2.60 0.00	33.67 -2.42 0.00	33.57 -2.64 0.00	34.91 -2.55 0.00	38.50 -3.17 0.00	43.98 -2.46 0.00	52.90 -2.78 0.00	48.56 -2.94 0.00	40.41 -3.23 0.00	38.27 -3.83 0.00	36.33 -3.12 0.00	33.58 -3.20 0.00	33.19 -2.04 0.00
NEVERSINK___HYD 23608	40.89 2.20 0.00	38.28 2.06 0.00	36.77 1.98 0.00	36.56 1.94 0.00	37.43 1.92 0.00	42.44 2.40 0.00	52.62 3.71 0.00	60.10 4.30 0.00	50.94 3.38 0.00	46.52 2.96 0.00	42.39 2.44 0.00	39.20 2.11 0.00	38.00 1.91 0.00	38.24 2.03 0.00	39.41 1.95 0.00	44.13 2.46 0.00	49.88 3.44 0.00	59.97 4.29 0.00	55.30 3.81 0.00	46.79 3.14 0.00	44.97 2.86 0.00	42.13 2.68 0.00	39.20 2.43 0.00	37.45 2.22 0.00
NEWKRMKL_115KV_TB1 55635	39.34 0.66 0.00	36.83 0.62 0.00	35.38 0.59 0.00	35.21 0.59 0.00	36.12 0.60 0.00	40.80 0.76 0.00	50.32 1.42 0.00	57.47 1.67 0.00	48.90 1.33 0.00	44.43 0.87 0.00	40.59 0.64 0.00	37.64 0.56 0.00	36.63 0.54 0.00	36.79 0.58 0.00	38.06 0.60 0.00	42.55 0.88 0.00	47.69 1.25 0.00	57.24 1.56 0.00	52.83 1.34 0.00	44.73 1.09 0.00	43.03 0.93 0.00	40.27 0.83 0.00	37.62 0.85 0.00	36.01 0.78 0.00

NEWTON___FALLS_HYD 23847	38.37 -0.31 0.00	35.89 -0.33 0.00	34.41 -0.38 0.00	34.28 -0.35 0.00	35.23 -0.28 0.00	39.64 -0.40 0.00	48.37 -0.54 0.00	55.41 -0.39 0.00	47.23 -0.33 0.00	43.25 -0.30 0.00	39.59 -0.36 0.00	36.90 -0.19 0.00	35.87 -0.22 0.00	35.92 -0.29 0.00	37.16 -0.30 0.00	41.21 -0.46 0.00	45.88 -0.56 0.00	55.18 -0.50 0.00	50.93 -0.57 0.00	43.25 -0.39 0.00	41.81 -0.29 0.00	39.09 -0.35 0.00	36.41 -0.37 0.00	34.81 -0.42 0.00
NGRID_A1_DSASP 323792	34.82 -3.87 0.00	32.78 -3.44 0.00	31.52 -3.27 0.00	31.30 -3.32 0.00	32.10 -3.41 0.00	35.87 -4.16 0.00	43.08 -5.82 0.00	48.26 -7.53 0.00	41.34 -6.23 0.00	37.81 -5.75 0.00	34.84 -5.11 0.00	32.49 -4.60 0.00	31.68 -4.40 0.00	31.57 -4.64 0.00	32.85 -4.61 0.00	36.13 -5.54 0.00	41.28 -5.16 0.00	48.78 -6.91 0.00	45.67 -5.82 0.00	37.93 -5.72 0.00	36.00 -6.11 0.00	33.88 -5.56 0.00	31.81 -4.97 0.00	31.46 -3.77 0.00
NGRID_A2_DSASP 323793	34.82 -3.87 0.00	32.78 -3.44 0.00	31.52 -3.27 0.00	31.30 -3.32 0.00	32.10 -3.41 0.00	35.87 -4.16 0.00	43.08 -5.82 0.00	48.26 -7.53 0.00	41.34 -6.23 0.00	37.81 -5.75 0.00	34.84 -5.11 0.00	32.49 -4.60 0.00	31.68 -4.40 0.00	31.57 -4.64 0.00	32.85 -4.61 0.00	36.13 -5.54 0.00	41.28 -5.16 0.00	48.78 -6.91 0.00	45.67 -5.82 0.00	37.93 -5.72 0.00	36.00 -6.11 0.00	33.88 -5.56 0.00	31.81 -4.97 0.00	31.46 -3.77 0.00
NGRID_A4_DSASP 323807	34.82 -3.87 0.00	32.78 -3.44 0.00	31.52 -3.27 0.00	31.30 -3.32 0.00	32.10 -3.41 0.00	35.87 -4.16 0.00	43.08 -5.82 0.00	48.26 -7.53 0.00	41.34 -6.23 0.00	37.81 -5.75 0.00	34.84 -5.11 0.00	32.49 -4.60 0.00	31.68 -4.40 0.00	31.57 -4.64 0.00	32.85 -4.61 0.00	36.13 -5.54 0.00	41.28 -5.16 0.00	48.78 -6.91 0.00	45.67 -5.82 0.00	37.93 -5.72 0.00	36.00 -6.11 0.00	33.88 -5.56 0.00	31.81 -4.97 0.00	31.46 -3.77 0.00
NIAGARA_115E_LBMP 323715	34.93 -3.75 0.00	32.89 -3.33 0.00	31.62 -3.17 0.00	31.41 -3.22 0.00	32.21 -3.30 0.00	36.04 -4.00 0.00	43.23 -5.67 0.00	48.55 -7.25 0.00	41.52 -6.04 0.00	37.98 -5.58 0.00	35.00 -4.96 0.00	32.60 -4.49 0.00	31.79 -4.30 0.00	31.68 -4.53 0.00	33.00 -4.46 0.00	36.34 -5.33 0.00	41.52 -4.92 0.00	49.11 -6.57 0.00	45.93 -5.56 0.00	38.14 -5.50 0.00	36.21 -5.89 0.00	34.04 -5.40 0.00	31.96 -4.82 0.00	31.61 -3.63 0.00
NIAGARA_115W_LBMP 323714	34.70 -3.98 0.00	32.71 -3.51 0.00	31.42 -3.37 0.00	31.23 -3.39 0.00	32.03 -3.48 0.00	35.79 -4.25 0.00	42.94 -5.97 0.00	48.16 -7.64 0.00	41.24 -6.33 0.00	37.68 -5.88 0.00	34.76 -5.19 0.00	32.38 -4.71 0.00	31.58 -4.51 0.00	31.50 -4.71 0.00	32.78 -4.68 0.00	36.04 -5.63 0.00	41.19 -5.25 0.00	48.66 -7.02 0.00	45.52 -5.97 0.00	37.84 -5.80 0.00	35.91 -6.19 0.00	33.76 -5.68 0.00	31.74 -5.04 0.00	31.39 -3.84 0.00
NIAGARA_230_LBMP 323716	35.28 -3.40 0.00	33.25 -2.97 0.00	31.94 -2.85 0.00	31.75 -2.87 0.00	32.57 -2.95 0.00	36.40 -3.64 0.00	43.72 -5.19 0.00	49.04 -6.75 0.00	42.00 -5.56 0.00	38.37 -5.18 0.00	35.40 -4.56 0.00	32.97 -4.12 0.00	32.16 -3.93 0.00	32.08 -4.13 0.00	33.38 -4.08 0.00	36.71 -4.96 0.00	41.94 -4.50 0.00	49.56 -6.13 0.00	46.34 -5.15 0.00	38.54 -5.11 0.00	36.59 -5.51 0.00	34.43 -5.01 0.00	32.33 -4.45 0.00	31.92 -3.31 0.00
NIAGARA___115KV_198_GIBSON 55903	34.70 -3.98 0.00	32.52 -3.69 0.00	31.41 -3.37 0.00	31.23 -3.39 0.00	32.03 -3.48 0.00	35.79 -4.24 0.00	42.94 -5.97 0.00	48.15 -7.64 0.00	41.19 -6.37 0.00	37.72 -5.84 0.00	34.76 -5.19 0.00	32.34 -4.75 0.00	31.61 -4.48 0.00	31.50 -4.71 0.00	32.74 -4.72 0.00	36.05 -5.63 0.00	41.28 -5.15 0.00	49.61 -6.07 0.00	45.52 -5.97 0.00	37.84 -5.80 0.00	35.70 -6.40 0.00	34.04 -5.40 0.00	31.44 -5.33 0.00	31.39 -3.84 0.00
NIAGARA____ 23760	35.28 -3.40 0.00	33.25 -2.97 0.00	31.94 -2.85 0.00	31.75 -2.87 0.00	32.57 -2.95 0.00	36.40 -3.64 0.00	43.72 -5.19 0.00	49.04 -6.75 0.00	42.00 -5.56 0.00	38.37 -5.18 0.00	35.40 -4.56 0.00	32.97 -4.12 0.00	32.16 -3.93 0.00	32.08 -4.13 0.00	33.38 -4.08 0.00	36.71 -4.96 0.00	41.94 -4.50 0.00	49.56 -6.13 0.00	46.34 -5.15 0.00	38.54 -5.11 0.00	36.59 -5.51 0.00	34.43 -5.01 0.00	32.33 -4.45 0.00	31.92 -3.31 0.00
NINE_MILE_1 23575	37.10 -1.59 0.00	34.77 -1.45 0.00	33.40 -1.39 0.00	33.20 -1.42 0.00	34.06 -1.46 0.00	38.44 -1.60 0.00	47.05 -1.86 0.00	53.68 -2.12 0.00	45.71 -1.86 0.00	41.77 -1.79 0.00	38.27 -1.68 0.00	35.46 -1.63 0.00	34.50 -1.59 0.00	34.62 -1.59 0.00	35.85 -1.61 0.00	39.88 -1.79 0.00	44.67 -1.76 0.00	53.57 -2.12 0.00	49.54 -1.96 0.00	41.85 -1.79 0.00	40.25 -1.85 0.00	37.71 -1.73 0.00	35.16 -1.62 0.00	33.72 -1.51 0.00
NINE_MILE_2 23744	37.13 -1.55 0.00	34.77 -1.45 0.00	33.40 -1.39 0.00	33.20 -1.42 0.00	34.09 -1.42 0.00	38.44 -1.60 0.00	47.05 -1.86 0.00	53.68 -2.12 0.00	45.71 -1.86 0.00	41.77 -1.79 0.00	38.27 -1.68 0.00	35.49 -1.59 0.00	34.50 -1.59 0.00	34.62 -1.59 0.00	35.85 -1.61 0.00	39.88 -1.79 0.00	44.67 -1.76 0.00	53.57 -2.12 0.00	49.54 -1.96 0.00	41.85 -1.79 0.00	40.25 -1.85 0.00	37.71 -1.73 0.00	35.16 -1.62 0.00	33.76 -1.48 0.00
NM_CAPITAL___DRP 24208	39.42 0.73 0.00	36.94 0.72 0.00	35.49 0.70 0.00	35.32 0.69 0.00	36.22 0.71 0.00	40.92 0.88 0.00	50.42 1.52 0.00	57.64 1.84 0.00	49.04 1.47 0.00	44.56 1.00 0.00	40.71 0.76 0.00	37.76 0.67 0.00	36.74 0.65 0.00	36.90 0.69 0.00	38.21 0.75 0.00	42.67 1.00 0.00	47.83 1.39 0.00	57.41 1.73 0.00	52.99 1.49 0.00	44.87 1.22 0.00	43.15 1.05 0.00	40.39 0.95 0.00	37.77 0.99 0.00	36.11 0.88 0.00
NM_CENTRAL___DRP 24181	37.79 -0.89 0.00	35.39 -0.83 0.00	33.99 -0.80 0.00	33.79 -0.83 0.00	34.70 -0.82 0.00	39.20 -0.84 0.00	48.02 -0.88 0.00	54.91 -0.89 0.00	46.71 -0.86 0.00	42.60 -0.96 0.00	38.99 -0.96 0.00	36.12 -0.96 0.00	35.11 -0.97 0.00	35.23 -0.98 0.00	36.53 -0.94 0.00	40.63 -1.04 0.00	45.65 -0.79 0.00	54.85 -0.84 0.00	50.57 -0.93 0.00	42.64 -1.00 0.00	40.97 -1.14 0.00	38.38 -1.06 0.00	35.71 -1.07 0.00	34.32 -0.92 0.00
NM_FRONTIER___DRP 24179	34.70 -3.98 0.00	32.52 -3.69 0.00	31.41 -3.37 0.00	31.23 -3.39 0.00	32.03 -3.48 0.00	35.79 -4.24 0.00	42.94 -5.97 0.00	48.15 -7.64 0.00	41.19 -6.37 0.00	37.72 -5.84 0.00	34.76 -5.19 0.00	32.34 -4.75 0.00	31.61 -4.48 0.00	31.50 -4.71 0.00	32.74 -4.72 0.00	36.05 -5.63 0.00	41.28 -5.15 0.00	49.61 -6.07 0.00	45.52 -5.97 0.00	37.84 -5.80 0.00	35.70 -6.40 0.00	34.04 -5.40 0.00	31.44 -5.33 0.00	31.39 -3.84 0.00
NM_ST_REGIS___HYD 24053	38.88 0.19 0.00	36.36 0.14 0.00	34.86 0.07 0.00	34.73 0.10 0.00	35.66 0.14 0.00	39.96 -0.08 0.00	48.42 -0.49 0.00	55.30 -0.50 0.00	47.33 -0.24 0.00	43.56 0.00 0.00	40.03 0.08 0.00	37.50 0.41 0.00	36.49 0.40 0.00	36.57 0.36 0.00	37.80 0.34 0.00	41.67 0.00 0.00	45.93 -0.51 0.00	55.07 -0.61 0.00	51.03 -0.46 0.00	43.56 -0.09 0.00	42.31 0.21 0.00	39.56 0.12 0.00	36.92 0.15 0.00	35.27 0.04 0.00

NORTHPORT___1 23551	45.56 2.90 -3.97	40.97 2.72 -2.03	38.45 2.68 -0.99	38.61 2.67 -1.32	40.48 2.66 -2.30	46.60 3.16 -3.40	60.36 4.70 -6.76	77.74 5.63 -16.31	60.97 4.66 -8.74	52.71 3.96 -5.19	54.84 3.52 -11.37	50.57 3.26 -10.22	44.43 3.21 -5.13	47.24 3.29 -7.74	47.35 3.30 -6.59	52.33 3.79 -6.87	64.57 4.60 -13.53	81.80 5.51 -20.60	75.04 4.99 -18.55	72.45 4.10 -24.70	66.54 3.79 -20.65	58.69 3.67 -15.57	54.75 3.35 -14.63	48.92 3.10 -10.58
NORTHPORT___2 23552	45.56 2.90 -3.97	40.97 2.72 -2.03	38.45 2.68 -0.99	38.61 2.67 -1.32	40.48 2.66 -2.30	46.60 3.16 -3.40	60.36 4.70 -6.76	77.74 5.63 -16.31	60.97 4.66 -8.74	52.71 3.96 -5.19	54.84 3.52 -11.37	50.57 3.26 -10.22	44.43 3.21 -5.13	47.24 3.29 -7.74	47.35 3.30 -6.59	52.33 3.79 -6.87	64.57 4.60 -13.53	81.80 5.51 -20.60	75.04 4.99 -18.55	72.45 4.10 -24.70	66.54 3.79 -20.65	58.69 3.67 -15.57	54.75 3.35 -14.63	48.92 3.10 -10.58
NORTHPORT___3 23553	45.06 2.40 -3.97	40.46 2.21 -2.03	37.90 2.12 -0.99	38.10 2.15 -1.32	39.95 2.13 -2.30	45.96 2.52 -3.40	59.23 3.57 -6.76	76.45 4.36 -16.30	59.78 3.47 -8.74	52.23 3.49 -5.19	54.24 2.91 -11.37	50.12 2.82 -10.22	44.00 2.78 -5.13	46.77 2.83 -7.74	46.82 2.77 -6.59	51.71 3.17 -6.87	63.49 3.53 -13.52	80.90 4.62 -20.60	74.16 4.12 -18.54	71.52 3.18 -24.69	65.52 2.78 -20.64	57.81 2.80 -15.57	54.24 2.83 -14.63	48.39 2.57 -10.58
NORTHPORT___4 23650	45.06 2.40 -3.97	40.46 2.21 -2.03	37.90 2.12 -0.99	38.10 2.15 -1.32	39.95 2.13 -2.30	45.96 2.52 -3.40	59.23 3.57 -6.76	76.45 4.36 -16.30	59.78 3.47 -8.74	52.23 3.49 -5.19	54.24 2.91 -11.37	50.12 2.82 -10.22	44.00 2.78 -5.13	46.77 2.83 -7.74	46.82 2.77 -6.59	51.71 3.17 -6.87	63.49 3.53 -13.52	80.90 4.62 -20.60	74.16 4.12 -18.54	71.52 3.18 -24.69	65.52 2.78 -20.64	57.81 2.80 -15.57	54.24 2.83 -14.63	48.39 2.57 -10.58
NORTHPORT___IC 23718	45.56 2.90 -3.97	40.97 2.72 -2.03	38.45 2.68 -0.99	38.61 2.67 -1.32	40.48 2.66 -2.30	46.60 3.16 -3.40	60.36 4.70 -6.76	77.74 5.63 -16.31	60.97 4.66 -8.74	52.71 3.96 -5.19	54.84 3.52 -11.37	50.57 3.26 -10.22	44.43 3.21 -5.13	47.24 3.29 -7.74	47.35 3.30 -6.59	52.33 3.79 -6.87	64.57 4.60 -13.53	81.80 5.51 -20.60	75.04 4.99 -18.55	72.45 4.10 -24.70	66.54 3.79 -20.65	58.69 3.67 -15.57	54.75 3.35 -14.63	48.92 3.10 -10.58
NORTH___COUNTRY_ESR 323785	39.65 0.97 0.00	37.09 0.87 0.00	35.59 0.80 0.00	35.42 0.80 0.00	36.36 0.85 0.00	40.88 0.84 0.00	49.39 0.49 0.00	56.41 0.61 0.00	48.28 0.71 0.00	44.43 0.87 0.00	40.87 0.92 0.00	38.12 1.04 0.00	37.10 1.01 0.00	37.19 0.98 0.00	38.43 0.97 0.00	42.55 0.88 0.00	46.86 0.42 0.00	56.30 0.61 0.00	52.06 0.57 0.00	44.38 0.74 0.00	43.07 0.97 0.00	40.31 0.87 0.00	37.51 0.74 0.00	35.90 0.67 0.00
NPX_GEN_1385_PROXY 323591	45.36 2.71 -3.97	41.08 2.83 -2.03	38.73 2.96 -0.99	38.89 2.94 -1.32	40.69 2.88 -2.30	46.76 3.32 -3.40	61.09 5.43 -6.76	77.58 5.47 -16.31	61.16 4.85 -8.74	52.10 3.35 -5.19	54.32 3.00 -11.37	50.09 2.78 -10.22	43.96 2.74 -5.13	46.73 2.79 -7.74	46.86 2.81 -6.59	52.00 3.46 -6.87	64.10 4.13 -13.53	81.30 5.01 -20.60	74.06 4.02 -18.55	71.40 3.05 -24.70	65.70 2.95 -20.65	58.37 3.35 -15.57	54.20 2.79 -14.63	48.60 2.78 -10.58
NPX_GEN_CSC 323557	45.75 3.10 -3.97	41.11 2.86 -2.03	38.63 2.85 -0.99	38.79 2.84 -1.32	40.69 2.88 -2.30	46.88 3.44 -3.40	60.80 5.13 -6.76	78.63 6.53 -16.31	61.35 5.04 -8.74	53.02 4.27 -5.19	55.12 3.80 -11.37	50.98 3.67 -10.22	44.90 3.68 -5.13	47.68 3.73 -7.74	47.87 3.82 -6.59	52.92 4.37 -6.87	65.49 5.52 -13.53	83.02 6.73 -20.61	76.27 6.23 -18.55	73.45 5.10 -24.70	67.43 4.67 -20.65	59.40 4.38 -15.58	55.38 3.97 -14.63	49.45 3.63 -10.58
NSINS_S_GLNS_FALLS 23858	40.50 1.82 0.00	37.92 1.70 0.00	36.42 1.64 0.00	36.29 1.66 0.00	37.22 1.70 0.00	42.16 2.12 0.00	52.28 3.37 0.00	59.93 4.13 0.00	50.89 3.33 0.00	46.08 2.53 0.00	41.99 2.04 0.00	38.76 1.67 0.00	37.64 1.55 0.00	37.73 1.52 0.00	39.19 1.72 0.00	43.96 2.29 0.00	49.46 3.02 0.00	59.58 3.90 0.00	54.94 3.45 0.00	46.39 2.75 0.00	44.50 2.40 0.00	41.57 2.13 0.00	38.76 1.99 0.00	36.96 1.73 0.00
NUCOR_STEEL___DRP 24197	38.41 -0.27 0.00	35.93 -0.29 0.00	34.55 -0.24 0.00	34.35 -0.28 0.00	35.23 -0.28 0.00	39.80 -0.24 0.00	48.81 -0.10 0.00	55.80 0.00 0.00	47.47 -0.10 0.00	43.25 -0.30 0.00	39.55 -0.40 0.00	36.61 -0.48 0.00	35.58 -0.51 0.00	35.67 -0.54 0.00	37.01 -0.45 0.00	41.17 -0.50 0.00	46.35 -0.09 0.00	55.74 0.06 0.00	51.39 -0.10 0.00	43.29 -0.35 0.00	41.51 -0.59 0.00	38.89 -0.55 0.00	36.15 -0.63 0.00	34.74 -0.49 0.00
NUMBER_THREE_WT_PWR 323818	39.15 0.47 0.00	36.62 0.40 0.00	35.10 0.31 0.00	34.97 0.35 0.00	35.94 0.43 0.00	40.60 0.56 0.00	49.93 1.03 0.00	57.25 1.45 0.00	48.66 1.09 0.00	44.38 0.83 0.00	40.43 0.48 0.00	37.57 0.48 0.00	36.45 0.36 0.00	36.53 0.33 0.00	37.84 0.37 0.00	42.17 0.50 0.00	47.32 0.88 0.00	57.07 1.39 0.00	52.58 1.08 0.00	44.38 0.74 0.00	42.73 0.63 0.00	39.92 0.48 0.00	37.11 0.33 0.00	35.48 0.25 0.00
NYISO_LBMP_REFERENCE 24008	38.68 0.00 0.00	36.22 0.00 0.00	34.79 0.00 0.00	34.62 0.00 0.00	35.51 0.00 0.00	40.04 0.00 0.00	48.90 0.00 0.00	55.80 0.00 0.00	47.56 0.00 0.00	43.56 0.00 0.00	39.95 0.00 0.00	37.09 0.00 0.00	36.09 0.00 0.00	36.21 0.00 0.00	37.46 0.00 0.00	41.67 0.00 0.00	46.44 0.00 0.00	55.68 0.00 0.00	51.49 0.00 0.00	43.64 0.00 0.00	42.10 0.00 0.00	39.44 0.00 0.00	36.78 0.00 0.00	35.23 0.00 0.00
NYPA_BRENTWD___GT 24164	45.94 3.29 -3.97	41.33 3.08 -2.03	38.73 2.96 -0.99	38.93 2.98 -1.32	40.80 2.98 -2.30	47.00 3.56 -3.40	60.90 5.24 -6.76	78.52 6.41 -16.31	61.59 5.28 -8.74	53.28 4.53 -5.19	55.32 3.99 -11.37	51.01 3.71 -10.22	44.83 3.61 -5.13	47.64 3.70 -7.74	47.76 3.71 -6.59	52.84 4.29 -6.87	65.26 5.29 -13.53	82.74 6.46 -20.60	75.96 5.92 -18.55	73.19 4.84 -24.70	67.17 4.42 -20.65	59.24 4.22 -15.57	55.23 3.82 -14.63	49.31 3.49 -10.58
NYPA_GOWANUS___GT5 24156	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.21 4.41 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	43.03 2.83 -3.99	40.12 2.66 0.00	45.30 3.17 -0.46	50.20 3.76 0.00	60.25 4.57 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.01 2.90 0.00	42.42 2.96 -0.01	39.62 2.83 -0.01	37.77 2.54 0.00
NYPA_GOWANUS___GT6 24157	41.05 2.36 -0.01	38.36 2.14 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.21 4.41 0.00	51.18 3.61 0.00	47.00 3.44 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	43.03 2.83 -3.99	40.12 2.66 0.00	45.30 3.17 -0.46	50.20 3.76 0.00	60.25 4.57 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.01 2.90 0.00	42.42 2.96 -0.01	39.62 2.83 -0.01	37.77 2.54 0.00

NYPA_HARLEM__RVR__GT1 24160	40.82 2.13 -0.01	38.21 1.99 0.00	36.67 1.88 0.00	36.49 1.87 0.00	37.36 1.85 0.00	42.00 1.96 0.00	51.88 2.98 0.01	59.75 3.96 0.01	50.84 3.28 0.01	46.60 3.05 0.01	42.54 2.60 0.01	39.49 2.41 0.01	38.50 2.42 0.01	38.66 2.46 0.01	39.78 2.32 0.01	44.41 2.75 0.01	49.73 3.30 0.01	59.79 4.12 0.01	55.20 3.71 0.01	46.56 2.92 0.01	44.66 2.57 0.01	41.92 2.49 0.01	39.17 2.39 0.00	37.52 2.29 0.00
NYPA_HARLEM__RVR__GT2 24161	40.82 2.13 -0.01	38.21 1.99 0.00	36.67 1.88 0.00	36.49 1.87 0.00	37.36 1.85 0.00	42.00 1.96 0.00	51.88 2.98 0.01	59.75 3.96 0.01	50.84 3.28 0.01	46.60 3.05 0.01	42.54 2.60 0.01	39.49 2.41 0.01	38.50 2.42 0.01	38.66 2.46 0.01	39.78 2.32 0.01	44.41 2.75 0.01	49.73 3.30 0.01	59.79 4.12 0.01	55.20 3.71 0.01	46.56 2.92 0.01	44.66 2.57 0.01	41.92 2.49 0.01	39.17 2.39 0.00	37.52 2.29 0.00
NYPA_KENT____GT 24152	40.93 2.24 -0.01	38.28 2.06 0.00	36.70 1.91 0.00	36.53 1.90 0.00	37.39 1.88 0.00	42.20 2.16 0.00	52.23 3.33 0.00	60.15 4.36 0.00	51.08 3.52 0.00	46.87 3.31 -0.01	60.29 2.84 -17.50	39.72 2.63 0.00	44.04 2.63 -5.32	38.89 2.68 0.00	40.01 2.55 0.00	45.14 3.00 -0.46	50.06 3.62 0.00	60.14 4.46 0.00	55.51 4.02 0.00	46.83 3.18 0.00	44.92 2.82 0.00	42.26 2.80 -0.01	39.44 2.65 -0.01	37.63 2.40 0.00
NYPA_POUCH1____GT 24155	40.93 2.24 -0.01	38.25 2.03 0.00	36.67 1.88 0.00	36.49 1.87 0.00	37.36 1.85 0.00	42.04 2.00 0.00	52.04 3.13 0.00	59.82 4.02 0.00	50.70 3.14 0.00	46.53 2.96 -0.01	49.45 2.52 -6.98	39.42 2.34 0.01	40.55 2.34 -2.11	40.18 2.39 -1.59	39.66 2.21 0.01	44.52 2.67 -0.18	49.63 3.20 0.01	59.63 3.95 0.01	55.09 3.60 0.01	46.43 2.80 0.01	44.63 2.53 0.00	42.02 2.56 -0.01	39.40 2.61 -0.01	37.59 2.36 0.00
NYPA_VERNON____GT2 24162	40.78 2.09 -0.01	38.17 1.95 0.00	36.63 1.84 0.00	36.46 1.83 0.00	37.32 1.81 0.00	42.12 2.08 0.00	52.13 3.23 0.00	60.04 4.24 0.00	50.99 3.43 0.00	46.79 3.22 -0.01	42.71 2.75 0.00	39.61 2.52 0.00	38.61 2.53 0.00	38.78 2.57 0.00	39.93 2.47 0.00	44.54 2.87 0.00	49.92 3.48 0.00	59.97 4.29 0.00	55.36 3.86 0.00	46.74 3.10 0.00	44.80 2.70 0.00	42.13 2.68 0.00	39.31 2.54 0.00	37.52 2.29 0.00
NYPA_VERNON____GT3 24163	40.78 2.09 -0.01	38.17 1.95 0.00	36.63 1.84 0.00	36.46 1.83 0.00	37.32 1.81 0.00	42.12 2.08 0.00	52.13 3.23 0.00	60.04 4.24 0.00	50.99 3.43 0.00	46.79 3.22 -0.01	42.71 2.75 0.00	39.61 2.52 0.00	38.61 2.53 0.00	38.78 2.57 0.00	39.93 2.47 0.00	44.54 2.87 0.00	49.92 3.48 0.00	59.97 4.29 0.00	55.36 3.86 0.00	46.74 3.10 0.00	44.80 2.70 0.00	42.13 2.68 0.00	39.31 2.54 0.00	37.52 2.29 0.00
NYPA__ASTORIA_CC1 323568	40.82 2.13 -0.01	38.21 1.99 0.00	36.67 1.88 0.00	36.49 1.87 0.00	37.36 1.85 0.00	42.16 2.12 0.00	52.13 3.23 0.00	60.04 4.24 0.00	50.99 3.43 0.00	46.79 3.22 -0.01	42.67 2.72 0.00	39.61 2.52 0.00	38.61 2.53 0.00	38.78 2.57 0.00	39.90 2.43 0.00	44.54 2.87 0.00	49.92 3.48 0.00	59.97 4.29 0.00	55.36 3.86 0.00	46.70 3.05 0.00	44.80 2.70 0.00	42.09 2.64 0.00	39.31 2.54 0.00	37.52 2.29 0.00
NYPA__ASTORIA_CC2 323569	40.82 2.13 -0.01	38.21 1.99 0.00	36.67 1.88 0.00	36.49 1.87 0.00	37.36 1.85 0.00	42.16 2.12 0.00	52.13 3.23 0.00	60.04 4.24 0.00	50.99 3.43 0.00	46.79 3.22 -0.01	42.67 2.72 0.00	39.61 2.52 0.00	38.61 2.53 0.00	38.78 2.57 0.00	39.90 2.43 0.00	44.54 2.87 0.00	49.92 3.48 0.00	59.97 4.29 0.00	55.36 3.86 0.00	46.70 3.05 0.00	44.80 2.70 0.00	42.09 2.64 0.00	39.31 2.54 0.00	37.52 2.29 0.00
NYPA__HOLTSVILL 23794	45.71 3.06 -3.97	41.11 2.86 -2.03	38.56 2.78 -0.99	38.75 2.80 -1.32	40.62 2.80 -2.30	46.80 3.36 -3.40	60.66 4.99 -6.76	78.35 6.25 -16.31	61.26 4.95 -8.74	52.97 4.22 -5.19	55.08 3.75 -11.37	50.83 3.53 -10.22	44.72 3.50 -5.13	47.50 3.55 -7.74	47.65 3.60 -6.59	52.67 4.13 -6.87	65.12 5.15 -13.53	82.58 6.29 -20.61	75.81 5.77 -18.55	73.10 4.76 -24.70	67.09 4.34 -20.65	59.12 4.10 -15.58	55.12 3.71 -14.63	49.23 3.42 -10.58
NYPA__HELLGATE_GT1 24158	40.82 2.13 -0.01	38.21 1.99 0.00	36.67 1.88 0.00	36.49 1.87 0.00	37.36 1.85 0.00	42.00 1.96 0.00	51.88 2.98 0.01	59.75 3.96 0.01	50.84 3.28 0.01	46.60 3.05 0.01	42.54 2.60 0.01	39.49 2.41 0.01	38.50 2.42 0.01	38.66 2.46 0.01	39.78 2.32 0.01	44.41 2.75 0.01	49.73 3.30 0.01	59.79 4.12 0.01	55.20 3.71 0.01	46.56 2.92 0.01	44.66 2.57 0.01	41.92 2.49 0.01	39.17 2.39 0.00	37.52 2.29 0.00
NYPA__HELLGATE_GT2 24159	40.82 2.13 -0.01	38.21 1.99 0.00	36.67 1.88 0.00	36.49 1.87 0.00	37.36 1.85 0.00	42.00 1.96 0.00	51.88 2.98 0.01	59.75 3.96 0.01	50.84 3.28 0.01	46.60 3.05 0.01	42.54 2.60 0.01	39.49 2.41 0.01	38.50 2.42 0.01	38.66 2.46 0.01	39.78 2.32 0.01	44.41 2.75 0.01	49.73 3.30 0.01	59.79 4.12 0.01	55.20 3.71 0.01	46.56 2.92 0.01	44.66 2.57 0.01	41.92 2.49 0.01	39.17 2.39 0.00	37.52 2.29 0.00
NYS_BARGE__HYD 23848	35.63 -3.06 0.00	33.50 -2.72 0.00	32.22 -2.57 0.00	31.99 -2.63 0.00	32.81 -2.70 0.00	36.72 -3.32 0.00	44.16 -4.74 0.00	49.66 -6.14 0.00	42.48 -5.09 0.00	38.81 -4.75 0.00	35.76 -4.19 0.00	33.27 -3.82 0.00	32.45 -3.64 0.00	32.34 -3.87 0.00	33.68 -3.78 0.00	37.13 -4.54 0.00	42.49 -3.95 0.00	50.28 -5.40 0.00	46.96 -4.53 0.00	39.02 -4.63 0.00	37.01 -5.10 0.00	34.83 -4.61 0.00	32.66 -4.12 0.00	32.20 -3.03 0.00
OAK ORCHARD__HYD 24046	36.98 -1.70 0.00	34.70 -1.52 0.00	33.36 -1.43 0.00	33.14 -1.49 0.00	34.02 -1.49 0.00	38.28 -1.76 0.00	46.51 -2.40 0.00	52.78 -3.01 0.00	45.04 -2.52 0.00	41.12 -2.44 0.00	37.71 -2.24 0.00	34.94 -2.15 0.00	34.07 -2.02 0.00	34.04 -2.17 0.00	35.40 -2.06 0.00	39.17 -2.50 0.00	44.44 -2.00 0.00	53.01 -2.67 0.00	49.28 -2.21 0.00	41.20 -2.44 0.00	39.32 -2.78 0.00	36.88 -2.56 0.00	34.42 -2.35 0.00	33.47 -1.76 0.00
OAKDALE__35_KV_LOAD 356122	38.68 0.00 0.00	36.22 0.00 0.00	34.79 0.00 0.00	34.62 0.00 0.00	35.51 0.00 0.00	40.08 0.04 0.00	49.10 0.20 0.00	56.02 0.22 0.00	47.61 0.05 0.00	43.43 -0.13 0.00	39.75 -0.20 0.00	36.83 -0.26 0.00	35.84 -0.25 0.00	35.92 -0.29 0.00	37.24 -0.22 0.00	41.30 -0.38 0.00	46.53 0.09 0.00	55.96 0.28 0.00	51.60 0.10 0.00	43.43 -0.22 0.00	41.64 -0.46 0.00	39.09 -0.35 0.00	36.34 -0.44 0.00	35.02 -0.21 0.00
OCC_CHEM__DRP 24175	34.82 -3.87 0.00	32.63 -3.59 0.00	31.52 -3.27 0.00	31.30 -3.32 0.00	32.10 -3.41 0.00	35.87 -4.16 0.00	43.08 -5.82 0.00	48.32 -7.48 0.00	41.33 -6.23 0.00	37.81 -5.75 0.00	34.88 -5.07 0.00	32.41 -4.67 0.00	31.69 -4.40 0.00	31.57 -4.63 0.00	32.82 -4.65 0.00	36.13 -5.54 0.00	41.38 -5.06 0.00	49.78 -5.90 0.00	45.67 -5.82 0.00	37.93 -5.72 0.00	35.83 -6.27 0.00	34.12 -5.32 0.00	31.52 -5.26 0.00	31.46 -3.77 0.00

OH_GEN_PROXY 24063	35.36 -3.33 0.00	33.29 -2.93 0.00	32.00 -2.78 0.00	31.82 -2.80 0.00	32.64 -2.88 0.00	36.48 -3.56 0.00	43.87 -5.04 0.00	49.33 -6.47 0.00	42.19 -5.38 0.00	38.55 -5.01 0.00	35.56 -4.39 0.00	33.08 -4.01 0.00	32.30 -3.79 0.00	32.19 -4.02 0.00	33.49 -3.97 0.00	36.84 -4.83 0.00	42.07 -4.37 0.00	49.78 -5.90 0.00	46.55 -4.94 0.00	38.71 -4.93 0.00	36.71 -5.39 0.00	34.55 -4.89 0.00	32.44 -4.34 0.00	31.99 -3.24 0.00
OLIN_CORP_DRP 24177	35.01 -3.67 0.00	32.81 -3.40 0.00	31.69 -3.10 0.00	31.51 -3.12 0.00	32.28 -3.23 0.00	36.12 -3.92 0.00	43.38 -5.53 0.00	48.66 -7.14 0.00	41.62 -5.95 0.00	38.11 -5.44 0.00	35.12 -4.83 0.00	32.64 -4.45 0.00	31.90 -4.19 0.00	31.79 -4.42 0.00	33.04 -4.42 0.00	36.42 -5.25 0.00	41.70 -4.74 0.00	50.17 -5.51 0.00	46.04 -5.46 0.00	38.23 -5.41 0.00	36.12 -5.98 0.00	34.39 -5.05 0.00	31.77 -5.00 0.00	31.68 -3.56 0.00
OLIN_CORP_DSASP 323712	34.82 -3.87 0.00	32.78 -3.44 0.00	31.52 -3.27 0.00	31.30 -3.32 0.00	32.10 -3.41 0.00	35.87 -4.16 0.00	43.08 -5.82 0.00	48.26 -7.53 0.00	41.34 -6.23 0.00	37.81 -5.75 0.00	34.84 -5.11 0.00	32.49 -4.60 0.00	31.68 -4.40 0.00	31.57 -4.64 0.00	32.85 -4.61 0.00	36.13 -5.54 0.00	41.28 -5.16 0.00	48.78 -6.91 0.00	45.67 -5.82 0.00	37.93 -5.72 0.00	36.00 -6.11 0.00	33.88 -5.56 0.00	31.81 -4.97 0.00	31.46 -3.77 0.00
ONEIDA_HERK_LFGE 323681	39.50 0.81 0.00	36.98 0.76 0.00	35.48 0.70 0.00	35.35 0.73 0.00	36.29 0.78 0.00	41.04 1.00 0.00	50.47 1.56 0.00	57.80 2.01 0.00	49.13 1.57 0.00	44.77 1.22 0.00	40.75 0.80 0.00	37.94 0.85 0.00	36.81 0.72 0.00	36.97 0.76 0.00	38.25 0.79 0.00	42.67 1.00 0.00	47.92 1.49 0.00	57.63 1.95 0.00	53.14 1.65 0.00	44.86 1.22 0.00	43.16 1.05 0.00	40.31 0.87 0.00	37.47 0.70 0.00	35.87 0.63 0.00
ONEIDA___115KV_TB4 55905	39.69 1.01 0.00	37.12 0.91 0.00	35.66 0.87 0.00	35.49 0.87 0.00	36.44 0.92 0.00	41.28 1.24 0.00	50.81 1.91 0.00	58.20 2.40 0.00	49.42 1.86 0.00	44.99 1.44 0.00	41.03 1.08 0.00	38.05 0.96 0.00	36.95 0.87 0.00	37.11 0.91 0.00	38.44 0.97 0.00	42.88 1.21 0.00	48.20 1.76 0.00	57.91 2.23 0.00	53.35 1.85 0.00	44.95 1.31 0.00	43.15 1.05 0.00	40.35 0.91 0.00	37.48 0.70 0.00	35.94 0.70 0.00
ONONDAGA_REF_OCCRA 23987	38.10 -0.58 0.00	35.64 -0.58 0.00	34.27 -0.52 0.00	34.07 -0.55 0.00	34.95 -0.57 0.00	39.48 -0.56 0.00	48.42 -0.49 0.00	55.35 -0.45 0.00	47.09 -0.48 0.00	42.95 -0.61 0.00	39.31 -0.64 0.00	36.38 -0.70 0.00	35.40 -0.69 0.00	35.48 -0.72 0.00	36.79 -0.67 0.00	40.96 -0.71 0.00	46.02 -0.42 0.00	55.29 -0.39 0.00	51.03 -0.46 0.00	43.03 -0.61 0.00	41.30 -0.80 0.00	38.69 -0.75 0.00	35.97 -0.81 0.00	34.56 -0.67 0.00
ONONDAGA___COGEN 23986	38.14 -0.54 0.00	35.68 -0.54 0.00	34.27 -0.52 0.00	34.07 -0.55 0.00	34.98 -0.53 0.00	39.52 -0.52 0.00	48.42 -0.49 0.00	55.30 -0.50 0.00	47.09 -0.48 0.00	42.90 -0.65 0.00	39.27 -0.68 0.00	36.35 -0.74 0.00	35.37 -0.72 0.00	35.45 -0.76 0.00	36.75 -0.71 0.00	40.92 -0.75 0.00	45.97 -0.46 0.00	55.24 -0.45 0.00	50.98 -0.51 0.00	42.99 -0.65 0.00	41.30 -0.80 0.00	38.69 -0.75 0.00	35.97 -0.81 0.00	34.56 -0.67 0.00
ONTARIO___LFGE 23819	38.61 -0.08 0.00	36.22 0.00 0.00	34.89 0.10 0.00	34.66 0.03 0.00	35.55 0.04 0.00	40.04 0.00 0.00	49.05 0.15 0.00	56.08 0.28 0.00	47.66 0.10 0.00	43.34 -0.22 0.00	39.55 -0.40 0.00	36.57 -0.52 0.00	35.73 -0.36 0.00	35.70 -0.51 0.00	37.01 -0.45 0.00	40.79 -0.88 0.00	46.21 -0.23 0.00	55.35 -0.33 0.00	51.29 -0.21 0.00	42.99 -0.65 0.00	41.14 -0.97 0.00	38.46 -0.98 0.00	35.93 -0.84 0.00	34.71 -0.53 0.00
ORANGEVILLE_WT_PWR 323706	39.26 0.58 0.00	36.76 0.54 0.00	35.31 0.52 0.00	35.07 0.45 0.00	36.05 0.53 0.00	40.68 0.64 0.00	49.73 0.83 0.00	56.80 1.01 0.00	48.32 0.76 0.00	43.95 0.39 0.00	40.07 0.12 0.00	37.13 0.04 0.00	36.16 0.07 0.00	36.17 -0.04 0.00	37.57 0.11 0.00	38.71 -2.96 0.00	44.16 -2.27 0.00	52.40 -3.29 0.00	48.81 -2.68 0.00	40.67 -2.97 0.00	38.65 -3.45 0.00	36.33 -3.12 0.00	33.95 -2.83 0.00	33.26 -1.97 0.00
ORANGEVILLE___ESR 323794	39.26 0.58 0.00	36.76 0.54 0.00	35.31 0.52 0.00	35.07 0.45 0.00	36.05 0.53 0.00	40.68 0.64 0.00	49.73 0.83 0.00	56.80 1.01 0.00	48.32 0.76 0.00	43.95 0.39 0.00	40.07 0.12 0.00	37.13 0.04 0.00	36.16 0.07 0.00	36.17 -0.04 0.00	37.57 0.11 0.00	38.71 -2.96 0.00	44.16 -2.27 0.00	52.40 -3.29 0.00	48.81 -2.68 0.00	40.67 -2.97 0.00	38.65 -3.45 0.00	36.33 -3.12 0.00	33.95 -2.83 0.00	33.26 -1.97 0.00
OSWEGATCHIE___HYD 24044	38.37 -0.31 0.00	35.89 -0.33 0.00	34.41 -0.38 0.00	34.28 -0.35 0.00	35.23 -0.29 0.00	39.64 -0.40 0.00	48.37 -0.54 0.00	55.41 -0.39 0.00	47.23 -0.33 0.00	43.25 -0.30 0.00	39.59 -0.36 0.00	36.90 -0.18 0.00	35.87 -0.22 0.00	35.92 -0.29 0.00	37.16 -0.30 0.00	41.21 -0.46 0.00	45.88 -0.56 0.00	55.30 -0.39 0.00	50.93 -0.57 0.00	43.25 -0.39 0.00	41.81 -0.29 0.00	39.09 -0.36 0.00	36.41 -0.37 0.00	34.81 -0.42 0.00
OSWEGO___5 23606	37.44 -1.24 0.00	35.06 -1.16 0.00	33.67 -1.11 0.00	33.48 -1.14 0.00	34.38 -1.14 0.00	38.76 -1.28 0.00	47.44 -1.47 0.00	54.13 -1.67 0.00	46.09 -1.47 0.00	42.12 -1.44 0.00	38.55 -1.40 0.00	35.75 -1.33 0.00	34.79 -1.30 0.00	34.87 -1.34 0.00	36.15 -1.31 0.00	40.17 -1.50 0.00	45.05 -1.39 0.00	54.01 -1.67 0.00	49.95 -1.54 0.00	42.16 -1.48 0.00	40.59 -1.51 0.00	38.02 -1.42 0.00	35.42 -1.36 0.00	34.00 -1.23 0.00
OSWEGO___6 23613	37.44 -1.24 0.00	35.06 -1.16 0.00	33.67 -1.11 0.00	33.48 -1.14 0.00	34.38 -1.14 0.00	38.76 -1.28 0.00	47.44 -1.47 0.00	54.13 -1.67 0.00	46.09 -1.47 0.00	42.12 -1.44 0.00	38.55 -1.40 0.00	35.75 -1.33 0.00	34.79 -1.30 0.00	34.87 -1.34 0.00	36.15 -1.31 0.00	40.17 -1.50 0.00	45.05 -1.39 0.00	54.01 -1.67 0.00	49.95 -1.54 0.00	42.16 -1.48 0.00	40.59 -1.51 0.00	38.02 -1.42 0.00	35.42 -1.36 0.00	34.00 -1.23 0.00
OUTOKUMPU-AB___DRP 24206	35.94 -2.75 0.00	33.65 -2.57 0.00	32.46 -2.33 0.00	32.27 -2.35 0.00	33.10 -2.41 0.00	37.04 -3.00 0.00	44.50 -4.40 0.00	50.11 -5.69 0.00	42.86 -4.71 0.00	39.16 -4.40 0.00	36.08 -3.88 0.00	33.53 -3.56 0.00	32.73 -3.36 0.00	32.62 -3.58 0.00	33.94 -3.52 0.00	37.42 -4.25 0.00	42.86 -3.58 0.00	51.62 -4.06 0.00	47.32 -4.17 0.00	39.32 -4.32 0.00	37.13 -4.97 0.00	35.34 -4.10 0.00	32.62 -4.16 0.00	32.41 -2.82 0.00
OXBOW___BTM 323836	35.43 -3.25 0.00	33.21 -3.01 0.00	32.08 -2.71 0.00	31.85 -2.77 0.00	32.67 -2.84 0.00	36.56 -3.48 0.00	43.92 -4.99 0.00	49.33 -6.47 0.00	42.19 -5.37 0.00	38.59 -4.97 0.00	35.56 -4.39 0.00	33.08 -4.01 0.00	32.30 -3.79 0.00	32.19 -4.02 0.00	33.45 -4.01 0.00	36.88 -4.79 0.00	42.26 -4.18 0.00	50.84 -4.84 0.00	46.65 -4.89 0.00	38.76 -4.89 0.00	36.59 -5.52 0.00	34.83 -4.61 0.00	32.14 -4.63 0.00	32.03 -3.21 0.00

OXBOW____ 24026	35.43 -3.25 0.00	33.39 -2.83 0.00	32.08 -2.71 0.00	31.85 -2.77 0.00	32.67 -2.84 0.00	36.56 -3.48 0.00	43.92 -4.99 0.00	49.33 -6.47 0.00	42.24 -5.33 0.00	38.59 -4.97 0.00	35.56 -4.39 0.00	33.12 -3.97 0.00	32.30 -3.79 0.00	32.19 -4.02 0.00	33.53 -3.93 0.00	36.88 -4.79 0.00	42.17 -4.27 0.00	49.89 -5.79 0.00	46.60 -4.89 0.00	38.76 -4.89 0.00	36.75 -5.35 0.00	34.59 -4.85 0.00	32.44 -4.34 0.00	32.03 -3.21 0.00
OXY_CHEM_DSASP 323612	34.82 -3.87 0.00	32.63 -3.59 0.00	31.52 -3.27 0.00	31.30 -3.32 0.00	32.10 -3.41 0.00	35.87 -4.16 0.00	43.08 -5.82 0.00	48.32 -7.48 0.00	41.33 -6.23 0.00	37.81 -5.75 0.00	34.88 -5.07 0.00	32.41 -4.67 0.00	31.69 -4.40 0.00	31.57 -4.63 0.00	32.82 -4.65 0.00	36.13 -5.54 0.00	41.38 -5.06 0.00	49.78 -5.90 0.00	45.67 -5.82 0.00	37.93 -5.72 0.00	35.83 -6.27 0.00	34.12 -5.32 0.00	31.52 -5.26 0.00	31.46 -3.77 0.00
OZONE_PARK_ESR 323760	40.89 2.20 0.00	38.28 2.06 0.00	36.74 1.95 0.00	36.53 1.90 0.00	37.40 1.88 0.00	42.28 2.24 0.00	52.33 3.42 0.00	60.26 4.46 0.00	51.13 3.57 0.00	46.82 3.27 0.00	42.83 2.88 0.00	39.76 2.67 0.00	38.76 2.67 0.00	38.92 2.72 0.00	40.08 2.62 0.00	44.71 3.04 0.00	50.11 3.67 0.00	60.36 4.68 0.00	55.61 4.12 0.00	46.96 3.32 0.00	45.09 2.99 0.00	42.28 2.84 0.00	39.53 2.76 0.00	37.63 2.40 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.82 -3.87 0.00	32.63 -3.59 0.00	31.52 -3.27 0.00	31.30 -3.32 0.00	32.10 -3.41 0.00	35.87 -4.16 0.00	43.08 -5.82 0.00	48.32 -7.48 0.00	41.33 -6.23 0.00	37.81 -5.75 0.00	34.88 -5.07 0.00	32.41 -4.67 0.00	31.69 -4.40 0.00	31.57 -4.63 0.00	32.82 -4.65 0.00	36.13 -5.54 0.00	41.38 -5.06 0.00	49.78 -5.90 0.00	45.67 -5.82 0.00	37.93 -5.72 0.00	35.83 -6.27 0.00	34.12 -5.32 0.00	31.52 -5.26 0.00	31.46 -3.77 0.00
PACKARD__115KV_DUPONT_184 80571	34.82 -3.87 0.00	32.63 -3.59 0.00	31.52 -3.27 0.00	31.30 -3.32 0.00	32.10 -3.41 0.00	35.87 -4.16 0.00	43.08 -5.82 0.00	48.32 -7.48 0.00	41.33 -6.23 0.00	37.81 -5.75 0.00	34.88 -5.07 0.00	32.41 -4.67 0.00	31.69 -4.40 0.00	31.57 -4.63 0.00	32.82 -4.65 0.00	36.13 -5.54 0.00	41.38 -5.06 0.00	49.78 -5.90 0.00	45.67 -5.82 0.00	37.93 -5.72 0.00	35.83 -6.27 0.00	34.12 -5.32 0.00	31.52 -5.26 0.00	31.46 -3.77 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.90 2.20 -0.01	38.32 2.10 0.00	36.74 1.95 0.00	36.56 1.94 0.00	37.43 1.92 0.00	42.08 2.04 0.00	51.94 3.03 0.00	59.76 3.96 0.00	50.80 3.23 0.00	46.47 2.92 0.01	42.51 2.56 0.00	39.46 2.37 0.00	38.43 2.35 0.00	38.60 2.39 0.00	39.75 2.29 0.00	44.34 2.67 0.00	49.64 3.20 0.00	59.80 4.12 0.00	55.15 3.66 0.00	46.52 2.88 0.00	44.67 2.57 0.00	41.85 2.41 0.00	39.28 2.50 0.00	37.56 2.33 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	41.40 2.71 -0.01	38.79 2.57 0.00	37.19 2.40 0.00	37.01 2.39 0.00	37.89 2.38 0.00	42.56 2.52 0.00	52.57 3.67 0.00	60.43 4.63 0.00	51.32 3.76 0.00	46.95 3.40 0.01	42.91 2.96 0.00	39.83 2.74 0.00	38.80 2.71 0.00	38.96 2.75 0.00	40.12 2.66 0.00	44.80 3.13 0.00	50.15 3.72 0.00	60.42 4.73 0.00	55.66 4.17 0.00	46.96 3.32 0.00	45.05 2.95 0.00	42.24 2.80 0.00	39.72 2.94 0.00	37.98 2.75 0.00
PATROON__115KV_TB1 80586	39.46 0.77 0.00	36.94 0.72 0.00	35.49 0.70 0.00	35.35 0.73 0.00	36.22 0.71 0.00	40.92 0.88 0.00	50.47 1.56 0.00	57.70 1.90 0.00	49.09 1.52 0.00	44.60 1.05 0.00	40.75 0.80 0.00	37.79 0.70 0.00	36.74 0.65 0.00	36.90 0.69 0.00	38.21 0.75 0.00	42.71 1.04 0.00	47.83 1.39 0.00	57.46 1.78 0.00	53.04 1.54 0.00	44.87 1.22 0.00	43.15 1.05 0.00	40.39 0.95 0.00	37.77 0.99 0.00	36.11 0.88 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	36.94 -1.74 0.00	34.59 -1.63 0.00	33.36 -1.43 0.00	33.14 -1.49 0.00	33.99 -1.53 0.00	38.12 -1.92 0.00	45.92 -2.98 0.00	51.89 -3.91 0.00	44.33 -3.23 0.00	40.46 -3.09 0.00	37.23 -2.72 0.00	34.60 -2.48 0.00	33.78 -2.31 0.00	33.67 -2.53 0.00	35.03 -2.44 0.00	38.67 -3.00 0.00	44.26 -2.18 0.00	53.23 -2.45 0.00	48.87 -2.63 0.00	40.63 -3.01 0.00	38.40 -3.70 0.00	36.52 -2.92 0.00	33.76 -3.02 0.00	33.37 -1.87 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.85 2.17 0.00	38.25 2.03 0.00	36.74 1.95 0.00	36.56 1.94 0.00	37.36 1.85 0.00	42.28 2.24 0.00	52.33 3.42 0.00	60.21 4.41 0.00	51.04 3.47 0.00	46.52 2.96 0.00	42.51 2.56 0.00	39.31 2.23 0.00	38.22 2.13 0.00	38.38 2.17 0.00	39.56 2.10 0.00	44.25 2.58 0.00	49.83 3.39 0.00	60.08 4.40 0.00	55.41 3.91 0.00	46.79 3.14 0.00	44.97 2.86 0.00	42.16 2.72 0.00	39.31 2.54 0.00	37.45 2.22 0.00
PEEKSKILL____ 23653	40.27 1.59 0.00	37.70 1.49 0.00	36.18 1.39 0.00	36.04 1.42 0.00	36.90 1.38 0.00	41.72 1.68 0.00	51.59 2.69 0.00	59.32 3.52 0.00	50.32 2.76 0.00	45.99 2.44 0.00	42.07 2.12 0.00	39.02 1.93 0.00	38.00 1.91 0.00	38.16 1.95 0.00	39.33 1.87 0.00	43.88 2.21 0.00	49.23 2.79 0.00	59.14 3.45 0.00	54.64 3.14 0.00	46.13 2.49 0.00	44.33 2.23 0.00	41.61 2.17 0.00	38.80 2.02 0.00	36.99 1.76 0.00
PGE MADISON__WINDPWR 24146	42.71 4.02 0.00	40.02 3.80 0.00	38.20 3.41 0.00	38.09 3.46 0.00	39.06 3.55 0.00	44.36 4.33 0.00	54.72 5.82 0.00	62.94 7.14 0.00	53.13 5.56 0.00	48.39 4.83 0.00	43.87 3.92 0.00	40.31 3.23 0.00	38.83 2.74 0.00	39.11 2.90 0.00	40.57 3.11 0.00	45.38 3.71 0.00	51.82 5.38 0.00	62.75 7.07 0.00	57.93 6.44 0.00	48.53 4.89 0.00	46.40 4.30 0.00	43.19 3.75 0.00	39.72 2.94 0.00	38.09 2.85 0.00
PIERCEFIELD__HYD 23852	38.57 -0.12 0.00	36.04 -0.18 0.00	34.58 -0.21 0.00	34.45 -0.17 0.00	35.37 -0.14 0.00	39.60 -0.44 0.00	47.98 -0.93 0.00	54.79 -1.00 0.00	46.90 -0.67 0.00	43.16 -0.39 0.00	39.67 -0.28 0.00	37.16 0.07 0.00	36.12 0.04 0.00	36.21 0.00 0.00	37.46 0.00 0.00	41.30 -0.38 0.00	45.51 -0.93 0.00	54.51 -1.17 0.00	50.52 -0.98 0.00	43.12 -0.52 0.00	41.85 -0.25 0.00	39.13 -0.32 0.00	36.59 -0.18 0.00	34.95 -0.28 0.00
PINELAWN_CC_1 323563	45.64 2.98 -3.97	41.00 2.75 -2.03	38.42 2.64 -0.99	38.61 2.67 -1.32	40.48 2.66 -2.30	46.60 3.16 -3.40	60.36 4.70 -6.76	77.91 5.80 -16.30	61.02 4.71 -8.74	52.89 4.14 -5.19	54.96 3.64 -11.37	50.64 3.34 -10.22	44.50 3.28 -5.13	47.27 3.33 -7.74	47.38 3.33 -6.59	52.42 3.88 -6.87	64.71 4.74 -13.53	82.13 5.85 -20.60	75.40 5.36 -18.55	72.67 4.32 -24.70	66.67 3.92 -20.65	58.76 3.75 -15.57	54.86 3.46 -14.63	48.95 3.13 -10.58
PJM_GEN_HTP_PROXY 323702	40.46 1.78 0.00	37.89 1.67 0.00	36.36 1.57 0.00	36.22 1.59 0.00	37.07 1.56 0.00	41.92 1.88 0.00	51.89 2.98 0.00	59.70 3.90 0.00	50.70 3.14 0.00	46.48 2.92 0.00	42.47 2.52 0.00	39.39 2.30 0.00	38.40 2.31 0.00	38.56 2.35 0.00	39.71 2.25 0.00	44.30 2.63 0.00	49.64 3.20 0.00	59.64 3.95 0.00	55.04 3.55 0.00	46.48 2.84 0.00	44.63 2.53 0.00	41.93 2.49 0.00	39.09 2.32 0.00	37.28 2.04 0.00

PJM_GEN_KEystone 24065	32.76 -0.35 5.57	30.71 -0.25 5.26	29.50 -0.24 5.05	29.89 -0.24 4.49	31.67 -0.29 3.56	34.35 -0.36 5.33	43.90 -0.34 4.66	48.50 -0.45 6.85	42.45 -0.48 4.64	35.61 -0.48 7.47	35.98 -0.48 3.49	32.47 -0.44 4.17	31.12 -0.40 4.57	30.64 -0.43 5.14	30.90 -0.45 6.11	34.03 -0.62 7.02	37.06 -0.14 9.24	50.50 -0.33 4.85	43.44 -0.15 7.90	38.70 -0.52 4.42	36.84 -0.84 4.42	34.83 -0.67 3.94	33.56 -0.55 2.67	33.80 -0.24 1.19
PJM_GEN_NEPTUNE_PROXY 323594	44.90 2.24 -3.97	40.35 2.10 -2.03	37.76 1.98 -0.99	37.96 2.01 -1.32	39.80 1.99 -2.30	45.80 2.36 -3.40	59.23 3.57 -6.76	76.61 4.52 -16.29	59.92 3.61 -8.74	52.01 3.27 -5.18	54.20 2.88 -11.37	49.93 2.63 -10.21	43.82 2.60 -5.13	46.62 2.68 -7.73	46.63 2.58 -6.58	51.54 3.00 -6.87	63.62 3.67 -13.51	80.73 4.46 -20.59	74.10 4.07 -18.53	71.60 3.27 -24.69	65.68 2.95 -20.63	57.88 2.88 -15.56	54.09 2.68 -14.63	48.21 2.40 -10.58
PJM_GEN_VFT_PROXY 323633	40.27 1.59 0.00	37.74 1.52 0.00	36.22 1.43 0.00	36.08 1.45 0.00	36.94 1.42 0.00	41.72 1.68 0.00	51.59 2.69 0.00	59.37 3.57 0.00	50.42 2.85 0.00	46.26 2.70 0.00	42.27 2.32 0.00	39.28 2.19 0.00	38.25 2.17 0.00	38.45 2.25 0.00	39.56 2.10 0.00	44.13 2.46 0.00	49.41 2.97 0.00	59.36 3.67 0.00	54.79 3.30 0.00	46.26 2.62 0.00	44.42 2.31 0.00	41.77 2.33 0.00	38.95 2.17 0.00	37.13 1.90 0.00
PLATSBRG_115KV_PMLD1 355749	40.31 1.62 0.00	37.70 1.48 0.00	36.18 1.39 0.00	36.01 1.38 0.00	36.97 1.46 0.00	41.56 1.52 0.00	50.27 1.37 0.00	57.47 1.67 0.00	49.18 1.62 0.00	45.21 1.66 0.00	41.55 1.60 0.00	38.76 1.67 0.00	37.75 1.66 0.00	37.77 1.56 0.00	39.07 1.61 0.00	43.21 1.54 0.00	47.69 1.25 0.00	57.13 1.45 0.00	52.99 1.49 0.00	45.17 1.53 0.00	43.83 1.73 0.00	40.98 1.54 0.00	38.10 1.32 0.00	36.47 1.23 0.00
PLEASANTVLY___LBMP 24000	40.15 1.47 0.00	37.63 1.41 0.00	36.11 1.32 0.00	35.97 1.35 0.00	36.86 1.35 0.00	41.64 1.60 0.00	51.45 2.54 0.00	59.03 3.24 0.00	50.13 2.57 0.00	45.69 2.13 0.00	41.83 1.88 0.00	38.83 1.74 0.00	37.82 1.73 0.00	37.98 1.77 0.00	39.19 1.72 0.00	43.75 2.08 0.00	48.99 2.55 0.00	58.97 3.29 0.00	54.38 2.88 0.00	45.96 2.31 0.00	44.21 2.11 0.00	41.41 1.97 0.00	38.69 1.91 0.00	36.92 1.69 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.42 1.74 0.00	37.89 1.67 0.00	36.35 1.57 0.00	36.18 1.56 0.00	37.04 1.53 0.00	41.88 1.84 0.00	51.79 2.89 0.00	59.59 3.79 0.00	50.61 3.04 0.00	46.21 2.66 0.00	42.31 2.36 0.00	39.24 2.15 0.00	38.22 2.13 0.00	38.38 2.17 0.00	39.56 2.10 0.00	44.13 2.46 0.00	49.46 3.02 0.00	59.58 3.90 0.00	54.94 3.45 0.00	46.39 2.75 0.00	44.59 2.48 0.00	41.77 2.33 0.00	39.02 2.24 0.00	37.17 1.94 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.42 1.74 0.00	37.89 1.67 0.00	36.35 1.57 0.00	36.18 1.56 0.00	37.04 1.53 0.00	41.88 1.84 0.00	51.79 2.89 0.00	59.59 3.79 0.00	50.61 3.04 0.00	46.21 2.66 0.00	42.31 2.36 0.00	39.24 2.15 0.00	38.22 2.13 0.00	38.38 2.17 0.00	39.56 2.10 0.00	44.13 2.46 0.00	49.46 3.02 0.00	59.58 3.90 0.00	54.94 3.45 0.00	46.39 2.75 0.00	44.59 2.48 0.00	41.77 2.33 0.00	39.02 2.24 0.00	37.17 1.94 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.50 1.82 0.00	37.96 1.74 0.00	36.42 1.64 0.00	36.29 1.66 0.00	37.15 1.63 0.00	42.00 1.96 0.00	51.99 3.08 0.00	59.54 3.74 0.00	50.51 2.95 0.00	46.04 2.48 0.00	42.07 2.12 0.00	38.98 1.89 0.00	37.89 1.80 0.00	38.09 1.88 0.00	39.30 1.84 0.00	43.92 2.25 0.00	49.41 2.97 0.00	59.47 3.79 0.00	54.84 3.35 0.00	46.35 2.71 0.00	44.59 2.48 0.00	41.73 2.29 0.00	38.98 2.21 0.00	37.17 1.94 0.00
POLETTI_____ 23519	40.50 1.82 0.00	37.96 1.74 0.00	36.42 1.64 0.00	36.25 1.63 0.00	37.11 1.60 0.00	41.96 1.92 0.00	51.89 2.98 0.00	59.70 3.91 0.00	50.66 3.09 0.00	46.39 2.83 0.00	42.47 2.52 0.00	39.42 2.34 0.00	38.40 2.31 0.00	38.60 2.39 0.00	39.71 2.25 0.00	44.34 2.67 0.00	49.60 3.16 0.00	59.75 4.06 0.00	55.05 3.55 0.00	46.48 2.84 0.00	44.67 2.57 0.00	41.89 2.45 0.00	39.17 2.39 0.00	37.31 2.08 0.00
POMONA___ESR 323819	40.19 1.51 0.00	37.63 1.41 0.00	36.14 1.36 0.00	35.97 1.35 0.00	36.83 1.31 0.00	41.64 1.60 0.00	51.54 2.64 0.00	59.15 3.35 0.00	50.08 2.52 0.00	45.82 2.26 0.00	41.91 1.96 0.00	38.87 1.78 0.00	37.89 1.80 0.00	38.05 1.85 0.00	39.19 1.72 0.00	43.71 2.04 0.00	49.04 2.60 0.00	58.85 3.17 0.00	54.38 2.88 0.00	45.96 2.31 0.00	44.16 2.06 0.00	41.45 2.01 0.00	38.69 1.91 0.00	36.92 1.69 0.00
PORT_JEFF_3 23555	45.87 3.21 -3.97	41.22 2.97 -2.03	38.66 2.89 -0.99	38.86 2.91 -1.32	40.73 2.91 -2.30	46.96 3.52 -3.40	60.85 5.18 -6.76	78.57 6.47 -16.31	61.49 5.19 -8.74	53.19 4.44 -5.19	55.24 3.92 -11.37	50.98 3.67 -10.22	44.83 3.61 -5.13	47.64 3.70 -7.74	47.79 3.75 -6.59	52.84 4.29 -6.87	65.35 5.38 -13.53	82.74 6.46 -20.60	76.02 5.97 -18.55	73.32 4.97 -24.70	67.30 4.55 -20.65	59.28 4.26 -15.58	55.30 3.90 -14.63	49.34 3.52 -10.58
PORT_JEFF_4 23616	45.87 3.21 -3.97	41.22 2.97 -2.03	38.66 2.89 -0.99	38.86 2.91 -1.32	40.73 2.91 -2.30	46.96 3.52 -3.40	60.85 5.18 -6.76	78.57 6.47 -16.31	61.49 5.19 -8.74	53.19 4.44 -5.19	55.24 3.92 -11.37	50.98 3.67 -10.22	44.83 3.61 -5.13	47.64 3.70 -7.74	47.79 3.75 -6.59	52.84 4.29 -6.87	65.35 5.38 -13.53	82.74 6.46 -20.60	76.02 5.97 -18.55	73.32 4.97 -24.70	67.30 4.55 -20.65	59.28 4.26 -15.58	55.30 3.90 -14.63	49.34 3.52 -10.58
PORT_JEFF_IC 23713	45.91 3.25 -3.97	41.22 2.97 -2.03	38.66 2.89 -0.99	38.86 2.91 -1.32	40.73 2.91 -2.30	46.96 3.52 -3.40	60.85 5.18 -6.76	78.57 6.47 -16.31	61.49 5.19 -8.74	53.19 4.44 -5.19	55.28 3.96 -11.37	51.01 3.71 -10.22	44.87 3.64 -5.13	47.64 3.70 -7.74	47.83 3.78 -6.59	52.84 4.29 -6.87	65.35 5.38 -13.53	82.69 6.40 -20.60	75.91 5.87 -18.55	73.32 4.97 -24.70	67.30 4.55 -20.65	59.32 4.30 -15.57	55.30 3.90 -14.63	49.37 3.56 -10.58
PPL PILGRIM_ST_GT1 24216	45.94 3.29 -3.97	41.33 3.08 -2.03	38.73 2.96 -0.99	38.93 2.98 -1.32	40.80 2.98 -2.30	47.00 3.56 -3.40	60.90 5.24 -6.76	78.52 6.41 -16.31	61.59 5.28 -8.74	53.28 4.53 -5.19	55.32 3.99 -11.37	51.01 3.71 -10.22	44.83 3.61 -5.13	47.64 3.70 -7.74	47.76 3.71 -6.59	52.84 4.29 -6.87	65.26 5.29 -13.53	82.74 6.46 -20.60	75.96 5.92 -18.55	73.19 4.84 -24.70	67.17 4.42 -20.65	59.24 4.22 -15.57	55.23 3.82 -14.63	49.31 3.49 -10.58
PPL PILGRIM_ST_GT2 24217	45.94 3.29 -3.97	41.33 3.08 -2.03	38.73 2.96 -0.99	38.93 2.98 -1.32	40.80 2.98 -2.30	47.00 3.56 -3.40	60.90 5.24 -6.76	78.52 6.41 -16.31	61.59 5.28 -8.74	53.28 4.53 -5.19	55.32 3.99 -11.37	51.01 3.71 -10.22	44.83 3.61 -5.13	47.64 3.70 -7.74	47.76 3.71 -6.59	52.84 4.29 -6.87	65.26 5.29 -13.53	82.74 6.46 -20.60	75.96 5.92 -18.55	73.19 4.84 -24.70	67.17 4.42 -20.65	59.24 4.22 -15.57	55.23 3.82 -14.63	49.31 3.49 -10.58

PPL_SHRM_GT3 24213	45.83 3.17 -3.97	41.15 2.90 -2.03	38.66 2.89 -0.99	38.86 2.91 -1.32	40.73 2.91 -2.30	46.96 3.52 -3.40	60.90 5.24 -6.76	78.80 6.69 -16.31	61.45 5.14 -8.74	53.10 4.36 -5.19	55.16 3.84 -11.37	51.05 3.74 -10.22	44.94 3.72 -5.13	47.75 3.80 -7.74	47.94 3.90 -6.59	53.00 4.46 -6.87	65.63 5.66 -13.53	83.19 6.90 -20.60	76.43 6.38 -18.55	73.58 5.23 -24.70	67.55 4.80 -20.65	59.51 4.49 -15.58	55.45 4.05 -14.63	49.52 3.70 -10.58
PPL_SHRM_GT4 24214	45.83 3.17 -3.97	41.15 2.90 -2.03	38.66 2.89 -0.99	38.86 2.91 -1.32	40.73 2.91 -2.30	46.96 3.52 -3.40	60.90 5.24 -6.76	78.80 6.69 -16.31	61.45 5.14 -8.74	53.10 4.36 -5.19	55.16 3.84 -11.37	51.05 3.74 -10.22	44.94 3.72 -5.13	47.75 3.80 -7.74	47.94 3.90 -6.59	53.00 4.46 -6.87	65.63 5.66 -13.53	83.19 6.90 -20.60	76.43 6.38 -18.55	73.58 5.23 -24.70	67.55 4.80 -20.65	59.51 4.49 -15.58	55.45 4.05 -14.63	49.52 3.70 -10.58
PROJECT___ORANGE 1 24174	37.83 -0.85 0.00	35.39 -0.83 0.00	34.02 -0.77 0.00	33.83 -0.80 0.00	34.73 -0.78 0.00	39.24 -0.80 0.00	48.07 -0.83 0.00	54.91 -0.89 0.00	46.76 -0.81 0.00	42.64 -0.91 0.00	39.03 -0.92 0.00	36.12 -0.96 0.00	35.15 -0.94 0.00	35.23 -0.98 0.00	36.53 -0.94 0.00	40.67 -1.00 0.00	45.70 -0.74 0.00	54.90 -0.78 0.00	50.62 -0.88 0.00	42.68 -0.96 0.00	41.01 -1.09 0.00	38.42 -1.03 0.00	35.75 -1.03 0.00	34.35 -0.88 0.00
PROJECT___ORANGE 2 24166	37.83 -0.85 0.00	35.39 -0.83 0.00	34.02 -0.77 0.00	33.83 -0.80 0.00	34.73 -0.78 0.00	39.24 -0.80 0.00	48.07 -0.83 0.00	54.91 -0.89 0.00	46.76 -0.81 0.00	42.64 -0.91 0.00	39.03 -0.92 0.00	36.12 -0.96 0.00	35.15 -0.94 0.00	35.23 -0.98 0.00	36.53 -0.94 0.00	40.67 -1.00 0.00	45.70 -0.74 0.00	54.90 -0.78 0.00	50.62 -0.88 0.00	42.68 -0.96 0.00	41.01 -1.09 0.00	38.42 -1.03 0.00	35.75 -1.03 0.00	34.35 -0.88 0.00
PUCKETT___SOLAR 323809	39.73 1.04 0.00	37.20 0.98 0.00	35.69 0.90 0.00	35.52 0.90 0.00	36.44 0.92 0.00	41.16 1.12 0.00	50.61 1.71 0.00	57.86 2.07 0.00	49.09 1.52 0.00	44.65 1.09 0.00	40.67 0.72 0.00	37.57 0.48 0.00	36.52 0.43 0.00	36.65 0.44 0.00	38.02 0.56 0.00	42.38 0.71 0.00	47.92 1.49 0.00	57.52 1.83 0.00	53.25 1.75 0.00	44.78 1.13 0.00	42.94 0.84 0.00	40.15 0.71 0.00	37.33 0.55 0.00	35.90 0.67 0.00
PYRITES___HYD 24023	39.46 0.77 0.00	36.91 0.69 0.00	35.38 0.59 0.00	35.25 0.62 0.00	36.19 0.67 0.00	40.60 0.56 0.00	49.25 0.34 0.00	56.41 0.61 0.00	48.23 0.67 0.00	44.38 0.83 0.00	40.75 0.80 0.00	38.13 1.04 0.00	37.06 0.97 0.00	37.22 1.01 0.00	38.44 0.97 0.00	42.38 0.71 0.00	46.72 0.28 0.00	55.96 0.28 0.00	51.75 0.26 0.00	44.17 0.52 0.00	42.86 0.76 0.00	39.99 0.55 0.00	37.37 0.59 0.00	35.69 0.46 0.00
QUAKERRD_115KV_BK1 80622	36.36 -2.32 0.00	34.01 -2.21 0.00	32.77 -2.02 0.00	32.55 -2.08 0.00	33.42 -2.10 0.00	37.64 -2.40 0.00	45.87 -3.03 0.00	52.17 -3.63 0.00	44.47 -3.09 0.00	40.59 -2.96 0.00	37.23 -2.72 0.00	34.45 -2.63 0.00	33.56 -2.53 0.00	33.60 -2.61 0.00	34.88 -2.58 0.00	38.67 -3.00 0.00	43.79 -2.65 0.00	52.73 -2.95 0.00	48.51 -2.99 0.00	40.68 -2.97 0.00	38.82 -3.28 0.00	36.56 -2.88 0.00	33.87 -2.91 0.00	32.91 -2.33 0.00
QUENSBRY_115KV_TB8 356137	40.50 1.82 0.00	37.92 1.70 0.00	36.42 1.64 0.00	36.29 1.66 0.00	37.22 1.70 0.00	42.20 2.16 0.00	52.38 3.47 0.00	60.04 4.24 0.00	50.99 3.42 0.00	46.17 2.61 0.00	42.03 2.08 0.00	38.79 1.71 0.00	37.64 1.55 0.00	37.73 1.52 0.00	39.19 1.72 0.00	44.00 2.33 0.00	49.50 3.06 0.00	59.64 3.95 0.00	55.00 3.50 0.00	46.44 2.79 0.00	44.54 2.44 0.00	41.61 2.17 0.00	38.76 1.99 0.00	36.96 1.73 0.00
RAMAPO___LBMP 323565	40.08 1.39 0.00	37.52 1.30 0.00	36.01 1.22 0.00	35.87 1.25 0.00	36.72 1.21 0.00	41.52 1.48 0.00	51.35 2.45 0.00	58.92 3.12 0.00	49.94 2.38 0.00	45.65 2.09 0.00	41.79 1.84 0.00	38.76 1.67 0.00	37.75 1.66 0.00	37.95 1.74 0.00	39.07 1.61 0.00	43.63 1.96 0.00	48.85 2.41 0.00	58.80 3.12 0.00	54.22 2.73 0.00	45.83 2.18 0.00	44.08 1.98 0.00	41.30 1.85 0.00	38.62 1.84 0.00	36.82 1.59 0.00
RANKINE____ 23646	36.44 -2.24 0.00	34.12 -2.10 0.00	32.91 -1.88 0.00	32.72 -1.90 0.00	33.56 -1.95 0.00	37.56 -2.48 0.00	45.24 -3.67 0.00	50.94 -4.85 0.00	43.57 -4.00 0.00	39.81 -3.75 0.00	36.63 -3.32 0.00	34.08 -3.00 0.00	33.27 -2.81 0.00	33.17 -3.04 0.00	34.47 -3.00 0.00	38.17 -3.50 0.00	43.65 -2.79 0.00	52.56 -3.12 0.00	48.20 -3.30 0.00	40.06 -3.58 0.00	37.85 -4.25 0.00	36.01 -3.43 0.00	33.25 -3.53 0.00	32.94 -2.29 0.00
RAVENSWOOD_GT2_1 24244	40.58 1.90 0.00	37.99 1.77 0.00	36.46 1.67 0.00	36.29 1.66 0.00	37.15 1.63 0.00	42.00 1.96 0.00	51.94 3.03 0.00	59.76 3.96 0.00	50.75 3.19 0.00	46.43 2.87 0.00	42.51 2.56 0.00	39.46 2.37 0.00	38.43 2.35 0.00	38.64 2.43 0.00	39.75 2.29 0.00	44.38 2.71 0.00	49.69 3.25 0.00	59.86 4.18 0.00	55.15 3.66 0.00	46.57 2.92 0.00	44.71 2.61 0.00	41.93 2.48 0.00	39.20 2.43 0.00	37.35 2.11 0.00
RAVENSWOOD_GT2_2 24245	40.58 1.90 0.00	37.99 1.77 0.00	36.46 1.67 0.00	36.29 1.66 0.00	37.15 1.63 0.00	42.00 1.96 0.00	51.94 3.03 0.00	59.76 3.96 0.00	50.75 3.19 0.00	46.43 2.87 0.00	42.51 2.56 0.00	39.46 2.37 0.00	38.43 2.35 0.00	38.64 2.43 0.00	39.75 2.29 0.00	44.38 2.71 0.00	49.69 3.25 0.00	59.86 4.18 0.00	55.15 3.66 0.00	46.57 2.92 0.00	44.71 2.61 0.00	41.93 2.48 0.00	39.20 2.43 0.00	37.35 2.11 0.00
RAVENSWOOD_GT2_3 24246	40.58 1.90 0.00	38.03 1.81 0.00	36.49 1.70 0.00	36.32 1.70 0.00	37.18 1.67 0.00	42.00 1.96 0.00	51.99 3.08 0.00	59.82 4.02 0.00	50.80 3.23 0.00	46.47 2.92 0.00	42.55 2.60 0.00	39.46 2.37 0.00	38.47 2.38 0.00	38.64 2.43 0.00	39.78 2.32 0.00	44.38 2.71 0.00	49.69 3.25 0.00	59.86 4.18 0.00	55.15 3.66 0.00	46.57 2.92 0.00	44.75 2.65 0.00	41.93 2.48 0.00	39.24 2.46 0.00	37.35 2.11 0.00
RAVENSWOOD_GT2_4 24247	40.58 1.90 0.00	38.03 1.81 0.00	36.49 1.70 0.00	36.32 1.70 0.00	37.18 1.67 0.00	42.00 1.96 0.00	51.99 3.08 0.00	59.82 4.02 0.00	50.80 3.23 0.00	46.47 2.92 0.00	42.55 2.60 0.00	39.46 2.37 0.00	38.47 2.38 0.00	38.64 2.43 0.00	39.78 2.32 0.00	44.38 2.71 0.00	49.69 3.25 0.00	59.86 4.18 0.00	55.15 3.66 0.00	46.57 2.92 0.00	44.75 2.65 0.00	41.93 2.48 0.00	39.24 2.46 0.00	37.35 2.11 0.00
RAVENSWOOD_GT3_1 24248	40.58 1.90 0.00	37.99 1.77 0.00	36.46 1.67 0.00	36.32 1.70 0.00	37.15 1.63 0.00	42.00 1.96 0.00	51.94 3.03 0.00	59.82 4.02 0.00	50.75 3.19 0.00	46.43 2.87 0.00	42.51 2.56 0.00	39.46 2.37 0.00	38.43 2.35 0.00	38.64 2.43 0.00	39.78 2.32 0.00	44.38 2.71 0.00	49.69 3.25 0.00	59.86 4.18 0.00	55.15 3.66 0.00	46.57 2.92 0.00	44.71 2.61 0.00	41.93 2.48 0.00	39.20 2.43 0.00	37.35 2.11 0.00

RAVENSWOOD_GT3_2 24249	40.58 1.90 0.00	37.99 1.77 0.00	36.46 1.67 0.00	36.32 1.70 0.00	37.15 1.63 0.00	42.00 1.96 0.00	51.94 3.03 0.00	59.82 4.02 0.00	50.75 3.19 0.00	46.43 2.87 0.00	42.51 2.56 0.00	39.46 2.37 0.00	38.43 2.35 0.00	38.64 2.43 0.00	39.78 2.32 0.00	44.38 2.71 0.00	49.69 3.25 0.00	59.86 4.18 0.00	55.15 3.66 0.00	46.57 2.92 0.00	44.71 2.61 0.00	41.93 2.48 0.00	39.20 2.43 0.00	37.35 2.11 0.00
RAVENSWOOD_GT3_3 24250	40.62 1.93 0.00	38.07 1.85 0.00	36.49 1.70 0.00	36.36 1.73 0.00	37.22 1.70 0.00	42.04 2.00 0.00	52.03 3.13 0.00	59.87 4.07 0.00	50.85 3.28 0.00	46.52 2.96 0.00	42.59 2.64 0.00	39.50 2.41 0.00	38.51 2.42 0.00	38.67 2.46 0.00	39.82 2.36 0.00	44.42 2.75 0.00	49.74 3.30 0.00	59.91 4.23 0.00	55.20 3.71 0.00	46.61 2.97 0.00	44.80 2.69 0.00	41.97 2.52 0.00	39.28 2.50 0.00	37.38 2.15 0.00
RAVENSWOOD_GT3_4 24251	40.62 1.93 0.00	38.07 1.85 0.00	36.49 1.70 0.00	36.36 1.73 0.00	37.22 1.70 0.00	42.04 2.00 0.00	52.03 3.13 0.00	59.87 4.07 0.00	50.85 3.28 0.00	46.52 2.96 0.00	42.59 2.64 0.00	39.50 2.41 0.00	38.51 2.42 0.00	38.67 2.46 0.00	39.82 2.36 0.00	44.42 2.75 0.00	49.74 3.30 0.00	59.91 4.23 0.00	55.20 3.71 0.00	46.61 2.97 0.00	44.80 2.69 0.00	41.97 2.52 0.00	39.28 2.50 0.00	37.38 2.15 0.00
RAVENSWOOD_GT_1 23729	40.78 2.09 -0.01	38.21 1.99 0.00	36.63 1.84 0.00	36.46 1.84 0.00	37.32 1.81 0.00	42.12 2.08 0.00	52.13 3.23 0.00	60.04 4.24 0.00	50.99 3.42 0.00	46.70 3.14 -0.01	42.71 2.76 0.00	39.65 2.56 0.00	38.62 2.53 0.00	38.78 2.57 0.00	39.93 2.47 0.00	44.55 2.88 0.00	49.88 3.44 0.00	60.08 4.40 0.00	55.36 3.86 0.00	46.74 3.10 0.00	44.88 2.78 0.00	42.05 2.60 0.00	39.39 2.61 0.00	37.52 2.29 0.00
RAVENSWOOD_GT_10 24258	40.58 1.90 0.00	37.99 1.77 0.00	36.46 1.67 0.00	36.29 1.66 0.00	37.15 1.63 0.00	42.00 1.96 0.00	51.94 3.03 0.00	59.76 3.96 0.00	50.75 3.19 0.00	46.43 2.87 0.00	42.51 2.56 0.00	39.46 2.37 0.00	38.43 2.35 0.00	38.60 2.39 0.00	39.75 2.29 0.00	44.38 2.71 0.00	49.64 3.20 0.00	59.80 4.12 0.00	55.15 3.66 0.00	46.57 2.92 0.00	44.71 2.61 0.00	41.93 2.48 0.00	39.20 2.43 0.00	37.35 2.11 0.00
RAVENSWOOD_GT_11 24259	40.58 1.90 0.00	37.99 1.77 0.00	36.46 1.67 0.00	36.29 1.66 0.00	37.15 1.63 0.00	42.00 1.96 0.00	51.94 3.03 0.00	59.76 3.96 0.00	50.75 3.19 0.00	46.43 2.87 0.00	42.51 2.56 0.00	39.46 2.37 0.00	38.43 2.35 0.00	38.60 2.39 0.00	39.75 2.29 0.00	44.38 2.71 0.00	49.64 3.20 0.00	59.80 4.12 0.00	55.15 3.66 0.00	46.57 2.92 0.00	44.71 2.61 0.00	41.93 2.48 0.00	39.20 2.43 0.00	37.35 2.11 0.00
RAVENSWOOD_GT_4 24252	40.50 1.82 0.01	37.96 1.74 0.00	36.42 1.64 0.00	36.25 1.63 0.00	37.11 1.60 0.00	41.96 1.92 0.00	51.89 2.98 0.00	59.70 3.91 0.00	50.70 3.14 0.00	46.38 2.83 0.01	42.47 2.52 0.00	39.42 2.34 0.00	38.40 2.31 0.00	38.60 2.39 0.00	39.71 2.25 0.00	44.34 2.67 0.00	49.64 3.20 0.00	59.75 4.06 0.00	55.10 3.60 0.00	46.52 2.88 0.00	44.71 2.61 0.00	41.89 2.45 0.00	39.17 2.39 0.00	37.31 2.08 0.00
RAVENSWOOD_GT_5 24254	40.50 1.82 0.01	37.96 1.74 0.00	36.42 1.64 0.00	36.25 1.63 0.00	37.11 1.60 0.00	41.96 1.92 0.00	51.89 2.98 0.00	59.70 3.91 0.00	50.70 3.14 0.00	46.38 2.83 0.01	42.47 2.52 0.00	39.42 2.34 0.00	38.40 2.31 0.00	38.60 2.39 0.00	39.71 2.25 0.00	44.34 2.67 0.00	49.64 3.20 0.00	59.75 4.06 0.00	55.10 3.60 0.00	46.52 2.88 0.00	44.71 2.61 0.00	41.89 2.45 0.00	39.17 2.39 0.00	37.31 2.08 0.00
RAVENSWOOD_GT_6 24253	40.50 1.82 0.01	37.96 1.74 0.00	36.42 1.64 0.00	36.25 1.63 0.00	37.11 1.60 0.00	41.96 1.92 0.00	51.89 2.98 0.00	59.70 3.91 0.00	50.70 3.14 0.00	46.38 2.83 0.01	42.47 2.52 0.00	39.42 2.34 0.00	38.40 2.31 0.00	38.60 2.39 0.00	39.71 2.25 0.00	44.34 2.67 0.00	49.64 3.20 0.00	59.75 4.06 0.00	55.10 3.60 0.00	46.52 2.88 0.00	44.71 2.61 0.00	41.89 2.45 0.00	39.17 2.39 0.00	37.31 2.08 0.00
RAVENSWOOD_GT_7 24255	40.50 1.82 0.01	37.96 1.74 0.00	36.42 1.64 0.00	36.25 1.63 0.00	37.11 1.60 0.00	41.96 1.92 0.00	51.89 2.98 0.00	59.70 3.91 0.00	50.70 3.14 0.00	46.38 2.83 0.01	42.47 2.52 0.00	39.42 2.34 0.00	38.40 2.31 0.00	38.60 2.39 0.00	39.71 2.25 0.00	44.34 2.67 0.00	49.64 3.20 0.00	59.75 4.06 0.00	55.10 3.60 0.00	46.52 2.88 0.00	44.71 2.61 0.00	41.89 2.45 0.00	39.17 2.39 0.00	37.31 2.08 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.58 1.90 0.00	37.99 1.77 0.00	36.46 1.67 0.00	36.29 1.66 0.00	37.15 1.63 0.00	42.00 1.96 0.00	51.94 3.03 0.00	59.76 3.96 0.00	50.75 3.19 0.00	46.43 2.87 0.00	42.51 2.56 0.00	39.46 2.37 0.00	38.43 2.35 0.00	38.60 2.39 0.00	39.75 2.29 0.00	44.38 2.71 0.00	49.64 3.20 0.00	59.80 4.12 0.00	55.15 3.66 0.00	46.57 2.92 0.00	44.71 2.61 0.00	41.93 2.48 0.00	39.20 2.43 0.00	37.35 2.11 0.00
RAVENSWOOD_GT_9 24257	40.58 1.90 0.00	37.99 1.77 0.00	36.46 1.67 0.00	36.29 1.66 0.00	37.15 1.63 0.00	42.00 1.96 0.00	51.94 3.03 0.00	59.76 3.96 0.00	50.75 3.19 0.00	46.43 2.87 0.00	42.51 2.56 0.00	39.46 2.37 0.00	38.43 2.35 0.00	38.60 2.39 0.00	39.75 2.29 0.00	44.38 2.71 0.00	49.64 3.20 0.00	59.80 4.12 0.00	55.15 3.66 0.00	46.57 2.92 0.00	44.71 2.61 0.00	41.93 2.48 0.00	39.20 2.43 0.00	37.35 2.11 0.00
RAVENSWOOD___1 23533	40.78 2.09 -0.01	38.17 1.95 0.00	36.63 1.84 0.00	36.46 1.83 0.00	37.32 1.81 0.00	42.12 2.08 0.00	52.13 3.23 0.00	60.04 4.24 0.00	50.99 3.43 0.00	46.79 3.22 -0.01	42.71 2.75 0.00	39.61 2.52 0.00	38.61 2.53 0.00	38.78 2.57 0.00	39.93 2.47 0.00	44.54 2.87 0.00	49.92 3.48 0.00	59.97 4.29 0.00	55.36 3.86 0.00	46.74 3.10 0.00	44.80 2.70 0.00	42.13 2.68 0.00	39.31 2.54 0.00	37.52 2.29 0.00
RAVENSWOOD___2 23534	40.78 2.09 -0.01	38.17 1.95 0.00	36.63 1.84 0.00	36.46 1.83 0.00	37.32 1.81 0.00	42.12 2.08 0.00	52.13 3.23 0.00	60.04 4.24 0.00	50.99 3.43 0.00	46.79 3.22 -0.01	42.71 2.75 0.00	39.61 2.52 0.00	38.61 2.53 0.00	38.78 2.57 0.00	39.93 2.47 0.00	44.54 2.87 0.00	49.92 3.48 0.00	59.97 4.29 0.00	55.36 3.86 0.00	46.74 3.10 0.00	44.80 2.70 0.00	42.13 2.68 0.00	39.31 2.54 0.00	37.52 2.29 0.00
RAVENSWOOD___3 23535	40.58 1.90 0.00	37.99 1.77 0.00	36.46 1.67 0.00	36.32 1.70 0.00	37.15 1.63 0.00	42.00 1.96 0.00	51.94 3.03 0.00	59.82 4.02 0.00	50.75 3.19 0.00	46.52 2.96 0.00	42.51 2.56 0.00	39.46 2.38 0.00	38.43 2.34 0.00	38.64 2.43 0.00	39.75 2.29 0.00	44.38 2.71 0.00	49.69 3.25 0.00	59.69 4.01 0.00	55.15 3.66 0.00	46.57 2.92 0.00	44.67 2.57 0.00	42.00 2.56 0.00	39.17 2.39 0.00	37.35 2.11 0.00

RAVENSWOOD___4 23820	40.78 2.09 -0.01	38.17 1.95 0.00	36.63 1.84 0.00	36.46 1.83 0.00	37.32 1.81 0.00	42.12 2.08 0.00	52.13 3.23 0.00	60.04 4.24 0.00	50.99 3.43 0.00	46.79 3.22 -0.01	42.71 2.75 0.00	39.61 2.52 0.00	38.61 2.53 0.00	38.78 2.57 0.00	39.93 2.47 0.00	44.54 2.87 0.00	49.92 3.48 0.00	59.97 4.29 0.00	55.36 3.86 0.00	46.74 3.10 0.00	44.80 2.70 0.00	42.13 2.68 0.00	39.31 2.54 0.00	37.52 2.29 0.00
RCPI_TRUST___DRP 24196	40.54 1.86 0.00	37.96 1.74 0.00	36.39 1.60 0.00	36.29 1.66 0.00	37.15 1.63 0.00	41.96 1.92 0.00	51.94 3.03 0.00	59.76 3.96 0.00	50.75 3.19 0.00	46.43 2.87 0.00	42.51 2.56 0.00	39.46 2.37 0.00	38.43 2.35 0.00	38.64 2.43 0.00	39.75 2.29 0.00	44.38 2.71 0.00	49.69 3.25 0.00	59.86 4.18 0.00	55.15 3.66 0.00	46.57 2.92 0.00	44.71 2.61 0.00	41.93 2.48 0.00	39.20 2.43 0.00	37.31 2.08 0.00
RED___ROCHESTER 323720	37.21 -1.47 0.00	34.88 -1.34 0.00	33.54 -1.25 0.00	33.31 -1.32 0.00	34.20 -1.31 0.00	38.52 -1.52 0.00	46.80 -2.10 0.00	53.18 -2.62 0.00	45.38 -2.19 0.00	41.42 -2.13 0.00	37.99 -1.96 0.00	35.20 -1.89 0.00	34.29 -1.80 0.00	34.25 -1.96 0.00	35.66 -1.80 0.00	39.42 -2.25 0.00	44.81 -1.63 0.00	53.45 -2.23 0.00	49.64 -1.85 0.00	41.55 -2.09 0.00	39.62 -2.48 0.00	37.15 -2.29 0.00	34.68 -2.09 0.00	33.65 -1.58 0.00
REGAN___SOLAR 323812	43.21 4.52 0.00	40.53 4.31 0.00	38.93 4.14 0.00	38.88 4.26 0.00	39.88 4.37 0.00	45.41 5.37 0.00	56.68 7.78 0.00	65.12 9.32 0.00	55.08 7.51 0.00	49.70 6.14 0.00	45.18 5.23 0.00	41.43 4.34 0.00	40.06 3.97 0.00	40.19 3.98 0.00	41.92 4.46 0.00	47.38 5.71 0.00	53.54 7.11 0.00	64.54 8.85 0.00	59.37 7.88 0.00	50.15 6.50 0.00	47.87 5.77 0.00	44.69 5.25 0.00	41.45 4.67 0.00	39.46 4.23 0.00
RENSSELAER___COGEN 23796	39.26 0.58 0.00	36.76 0.54 0.00	35.31 0.52 0.00	35.18 0.55 0.00	36.05 0.53 0.00	40.68 0.64 0.00	50.13 1.22 0.00	57.25 1.45 0.00	48.70 1.14 0.00	44.34 0.78 0.00	40.47 0.52 0.00	37.53 0.45 0.00	36.52 0.43 0.00	36.68 0.47 0.00	37.95 0.49 0.00	42.42 0.75 0.00	47.55 1.11 0.00	56.96 1.28 0.00	52.68 1.19 0.00	44.60 0.96 0.00	42.90 0.80 0.00	40.19 0.75 0.00	37.55 0.77 0.00	35.94 0.70 0.00
REPUBLIC_115KV_BARTNBRK 55605	42.32 3.64 0.00	39.55 3.33 0.00	38.02 3.24 0.00	37.91 3.29 0.00	38.85 3.34 0.00	44.16 4.12 0.00	55.12 6.21 0.00	63.33 7.53 0.00	53.80 6.23 0.00	48.48 4.92 0.00	43.99 4.04 0.00	40.43 3.34 0.00	39.19 3.10 0.00	39.21 3.01 0.00	40.80 3.33 0.00	45.96 4.29 0.00	51.87 5.43 0.00	62.70 7.02 0.00	57.72 6.23 0.00	48.66 5.02 0.00	46.48 4.38 0.00	43.43 3.98 0.00	40.38 3.60 0.00	38.48 3.24 0.00
REVERE_CPPR_DRP 24186	40.04 1.35 0.00	37.49 1.27 0.00	35.97 1.18 0.00	35.84 1.21 0.00	36.79 1.28 0.00	41.68 1.64 0.00	51.30 2.40 0.00	58.81 3.01 0.00	49.94 2.38 0.00	45.47 1.92 0.00	41.43 1.48 0.00	38.42 1.34 0.00	37.28 1.19 0.00	37.44 1.23 0.00	38.77 1.31 0.00	43.30 1.63 0.00	48.71 2.28 0.00	58.69 3.01 0.00	53.97 2.47 0.00	45.48 1.83 0.00	43.66 1.56 0.00	40.78 1.34 0.00	37.84 1.07 0.00	36.26 1.02 0.00
REYNOLDS_115KV_TB3 80639	39.53 0.85 0.00	37.05 0.83 0.00	35.59 0.80 0.00	35.42 0.80 0.00	36.33 0.82 0.00	41.04 1.00 0.00	50.62 1.71 0.00	57.81 2.01 0.00	49.18 1.62 0.00	44.65 1.09 0.00	40.79 0.84 0.00	37.87 0.78 0.00	36.88 0.79 0.00	37.01 0.80 0.00	38.32 0.86 0.00	42.80 1.13 0.00	47.97 1.53 0.00	57.58 1.89 0.00	53.14 1.65 0.00	45.00 1.35 0.00	43.28 1.18 0.00	40.51 1.06 0.00	37.92 1.14 0.00	36.26 1.02 0.00
RIVERBAY____ 323610	41.40 2.71 -0.01	38.79 2.57 0.00	37.19 2.40 0.00	37.01 2.39 0.00	37.89 2.38 0.00	42.56 2.52 0.00	52.57 3.67 0.00	60.43 4.63 0.00	51.32 3.76 0.00	46.95 3.40 0.01	42.91 2.96 0.00	39.83 2.74 0.00	38.80 2.71 0.00	38.96 2.75 0.00	40.12 2.66 0.00	44.80 3.13 0.00	50.15 3.72 0.00	60.42 4.73 0.00	55.66 4.17 0.00	46.96 3.32 0.00	45.05 2.95 0.00	42.24 2.80 0.00	39.72 2.94 0.00	37.98 2.75 0.00
RIVERSDE_115KV_TB3 55908	39.42 0.73 0.00	36.94 0.72 0.00	35.49 0.70 0.00	35.32 0.69 0.00	36.22 0.71 0.00	40.92 0.88 0.00	50.42 1.52 0.00	57.64 1.84 0.00	49.04 1.47 0.00	44.56 1.00 0.00	40.71 0.76 0.00	37.76 0.67 0.00	36.74 0.65 0.00	36.90 0.69 0.00	38.21 0.75 0.00	42.67 1.00 0.00	47.83 1.39 0.00	57.41 1.73 0.00	52.99 1.49 0.00	44.87 1.22 0.00	43.15 1.05 0.00	40.39 0.95 0.00	37.77 0.99 0.00	36.11 0.88 0.00
ROARING___BROOK_WT_PWR 323790	38.76 0.08 0.00	36.29 0.07 0.00	34.86 0.07 0.00	34.73 0.10 0.00	35.62 0.11 0.00	40.08 0.04 0.00	48.81 -0.10 0.00	55.63 -0.17 0.00	47.47 -0.09 0.00	43.60 0.04 0.00	40.03 0.08 0.00	37.24 0.15 0.00	36.23 0.14 0.00	36.35 0.15 0.00	37.61 0.15 0.00	41.75 0.08 0.00	46.30 -0.14 0.00	55.63 -0.06 0.00	51.29 -0.21 0.00	43.43 -0.22 0.00	41.85 -0.25 0.00	39.13 -0.32 0.00	36.44 -0.33 0.00	34.88 -0.35 0.00
ROCHESRG_115KV_T4 355643	36.79 -1.90 0.00	34.44 -1.77 0.00	33.19 -1.60 0.00	32.96 -1.66 0.00	33.84 -1.67 0.00	38.08 -1.96 0.00	46.26 -2.64 0.00	52.45 -3.35 0.00	44.76 -2.81 0.00	40.90 -2.66 0.00	37.51 -2.44 0.00	34.75 -2.34 0.00	33.89 -2.20 0.00	33.89 -2.32 0.00	35.21 -2.25 0.00	38.96 -2.71 0.00	44.26 -2.18 0.00	53.29 -2.39 0.00	48.97 -2.52 0.00	40.98 -2.66 0.00	39.03 -3.07 0.00	36.84 -2.60 0.00	34.13 -2.65 0.00	33.30 -1.94 0.00
ROCHESTER_9_IC 23652	37.02 -1.66 0.00	34.63 -1.59 0.00	33.40 -1.39 0.00	33.17 -1.45 0.00	34.06 -1.46 0.00	38.32 -1.72 0.00	46.56 -2.35 0.00	52.84 -2.96 0.00	45.14 -2.43 0.00	41.20 -2.35 0.00	37.79 -2.16 0.00	34.97 -2.11 0.00	34.10 -1.98 0.00	34.07 -2.14 0.00	35.44 -2.02 0.00	39.21 -2.46 0.00	44.58 -1.86 0.00	53.73 -1.95 0.00	49.33 -2.16 0.00	41.29 -2.36 0.00	39.28 -2.82 0.00	37.08 -2.37 0.00	34.31 -2.46 0.00	33.51 -1.73 0.00
ROCKVIEW_13_KV_LD 356306	40.54 1.86 0.00	37.96 1.74 0.00	36.42 1.64 0.00	36.29 1.66 0.00	37.11 1.60 0.00	42.00 1.96 0.00	51.99 3.08 0.00	59.87 4.07 0.00	50.85 3.28 0.00	46.43 2.87 0.00	42.51 2.56 0.00	39.42 2.34 0.00	38.43 2.35 0.00	38.60 2.39 0.00	39.75 2.29 0.00	44.38 2.71 0.00	49.74 3.30 0.00	59.91 4.23 0.00	55.20 3.71 0.00	46.61 2.97 0.00	44.80 2.69 0.00	41.97 2.52 0.00	39.20 2.43 0.00	37.31 2.08 0.00
ROME_____115KV_TB2 80656	40.04 1.35 0.00	37.49 1.27 0.00	35.97 1.18 0.00	35.84 1.21 0.00	36.79 1.28 0.00	41.68 1.64 0.00	51.30 2.40 0.00	58.81 3.01 0.00	49.94 2.38 0.00	45.47 1.92 0.00	41.43 1.48 0.00	38.42 1.34 0.00	37.28 1.19 0.00	37.44 1.23 0.00	38.77 1.31 0.00	43.30 1.63 0.00	48.71 2.28 0.00	58.69 3.01 0.00	53.97 2.47 0.00	45.48 1.83 0.00	43.66 1.56 0.00	40.78 1.34 0.00	37.84 1.07 0.00	36.26 1.02 0.00

ROSETON___1 23587	40.12 1.43 0.00	37.56 1.34 0.00	36.08 1.29 0.00	35.94 1.32 0.00	36.79 1.28 0.00	41.56 1.52 0.00	51.40 2.49 0.00	58.98 3.18 0.00	50.04 2.47 0.00	45.73 2.18 0.00	41.83 1.88 0.00	38.79 1.71 0.00	37.79 1.70 0.00	37.95 1.74 0.00	39.11 1.65 0.00	43.67 2.00 0.00	48.90 2.46 0.00	58.74 3.06 0.00	54.27 2.78 0.00	45.87 2.22 0.00	44.08 1.98 0.00	41.34 1.89 0.00	38.58 1.80 0.00	36.82 1.59 0.00
ROSETON___2 23588	40.12 1.43 0.00	37.56 1.34 0.00	36.08 1.29 0.00	35.94 1.32 0.00	36.79 1.28 0.00	41.56 1.52 0.00	51.40 2.49 0.00	58.98 3.18 0.00	50.04 2.47 0.00	45.73 2.18 0.00	41.83 1.88 0.00	38.79 1.71 0.00	37.79 1.70 0.00	37.95 1.74 0.00	39.11 1.65 0.00	43.67 2.00 0.00	48.90 2.46 0.00	58.74 3.06 0.00	54.27 2.78 0.00	45.87 2.22 0.00	44.08 1.98 0.00	41.34 1.89 0.00	38.58 1.80 0.00	36.82 1.59 0.00
ROTTTRDAM_115KV_TB3 80664	39.77 1.08 0.00	37.27 1.05 0.00	35.80 1.01 0.00	35.63 1.00 0.00	36.54 1.03 0.00	41.28 1.24 0.00	50.86 1.96 0.00	58.14 2.34 0.00	49.47 1.90 0.00	44.99 1.44 0.00	41.15 1.20 0.00	38.16 1.08 0.00	37.14 1.05 0.00	37.26 1.05 0.00	38.55 1.09 0.00	43.09 1.42 0.00	48.25 1.81 0.00	57.97 2.28 0.00	53.55 2.06 0.00	45.30 1.66 0.00	43.53 1.43 0.00	40.78 1.34 0.00	38.06 1.29 0.00	36.36 1.13 0.00
RUSSELL___1 23602	37.21 -1.47 0.00	34.81 -1.41 0.00	33.54 -1.25 0.00	33.31 -1.32 0.00	34.20 -1.31 0.00	38.52 -1.52 0.00	46.80 -2.10 0.00	53.18 -2.62 0.00	45.38 -2.19 0.00	41.42 -2.13 0.00	37.99 -1.96 0.00	35.16 -1.93 0.00	34.28 -1.80 0.00	34.25 -1.96 0.00	35.63 -1.84 0.00	39.42 -2.25 0.00	44.86 -1.58 0.00	54.07 -1.61 0.00	49.64 -1.85 0.00	41.55 -2.09 0.00	39.53 -2.57 0.00	37.27 -2.17 0.00	34.50 -2.28 0.00	33.65 -1.59 0.00
RUSSELL___2 23532	37.21 -1.47 0.00	34.81 -1.41 0.00	33.54 -1.25 0.00	33.31 -1.32 0.00	34.20 -1.31 0.00	38.52 -1.52 0.00	46.80 -2.10 0.00	53.18 -2.62 0.00	45.38 -2.19 0.00	41.42 -2.13 0.00	37.99 -1.96 0.00	35.16 -1.93 0.00	34.28 -1.80 0.00	34.25 -1.96 0.00	35.63 -1.84 0.00	39.42 -2.25 0.00	44.86 -1.58 0.00	54.07 -1.61 0.00	49.64 -1.85 0.00	41.55 -2.09 0.00	39.53 -2.57 0.00	37.27 -2.17 0.00	34.50 -2.28 0.00	33.65 -1.59 0.00
RUSSELL___3 23549	37.21 -1.47 0.00	34.81 -1.41 0.00	33.54 -1.25 0.00	33.31 -1.32 0.00	34.20 -1.31 0.00	38.52 -1.52 0.00	46.80 -2.10 0.00	53.18 -2.62 0.00	45.38 -2.19 0.00	41.42 -2.13 0.00	37.99 -1.96 0.00	35.16 -1.93 0.00	34.28 -1.80 0.00	34.25 -1.96 0.00	35.63 -1.84 0.00	39.42 -2.25 0.00	44.86 -1.58 0.00	54.07 -1.61 0.00	49.64 -1.85 0.00	41.55 -2.09 0.00	39.53 -2.57 0.00	37.27 -2.17 0.00	34.50 -2.28 0.00	33.65 -1.59 0.00
RUSSELL___4 23556	37.21 -1.47 0.00	34.81 -1.41 0.00	33.54 -1.25 0.00	33.31 -1.32 0.00	34.20 -1.31 0.00	38.52 -1.52 0.00	46.80 -2.10 0.00	53.18 -2.62 0.00	45.38 -2.19 0.00	41.42 -2.13 0.00	37.99 -1.96 0.00	35.16 -1.93 0.00	34.28 -1.80 0.00	34.25 -1.96 0.00	35.63 -1.84 0.00	39.42 -2.25 0.00	44.86 -1.58 0.00	54.07 -1.61 0.00	49.64 -1.85 0.00	41.55 -2.09 0.00	39.53 -2.57 0.00	37.27 -2.17 0.00	34.50 -2.28 0.00	33.65 -1.59 0.00
RUSSELL___STATION 23914	37.21 -1.47 0.00	34.81 -1.41 0.00	33.54 -1.25 0.00	33.31 -1.32 0.00	34.20 -1.31 0.00	38.52 -1.52 0.00	46.80 -2.10 0.00	53.18 -2.62 0.00	45.38 -2.19 0.00	41.42 -2.13 0.00	37.99 -1.96 0.00	35.16 -1.93 0.00	34.28 -1.80 0.00	34.25 -1.96 0.00	35.63 -1.84 0.00	39.42 -2.25 0.00	44.86 -1.58 0.00	54.07 -1.61 0.00	49.64 -1.85 0.00	41.55 -2.09 0.00	39.53 -2.57 0.00	37.27 -2.17 0.00	34.50 -2.28 0.00	33.65 -1.59 0.00
S SALMON___HYD 24043	37.72 -0.97 0.00	35.28 -0.94 0.00	33.85 -0.94 0.00	33.69 -0.93 0.00	34.59 -0.92 0.00	39.12 -0.92 0.00	47.93 -0.98 0.00	54.80 -1.00 0.00	46.61 -0.95 0.00	42.51 -1.05 0.00	38.83 -1.12 0.00	35.98 -1.11 0.00	34.93 -1.16 0.00	35.02 -1.19 0.00	36.30 -1.16 0.00	40.46 -1.21 0.00	45.51 -0.93 0.00	54.68 -1.00 0.00	50.51 -0.98 0.00	42.60 -1.05 0.00	40.97 -1.13 0.00	38.38 -1.06 0.00	35.67 -1.10 0.00	34.21 -1.02 0.00
S.PERRY___115KV_TB1 80734	39.61 0.93 0.00	36.98 0.76 0.00	35.62 0.83 0.00	35.35 0.73 0.00	36.33 0.82 0.00	41.04 1.00 0.00	50.18 1.27 0.00	57.42 1.62 0.00	48.85 1.28 0.00	44.30 0.74 0.00	40.35 0.40 0.00	37.20 0.11 0.00	36.27 0.18 0.00	36.21 0.00 0.00	37.76 0.30 0.00	41.00 -0.67 0.00	46.90 0.46 0.00	56.74 1.06 0.00	52.06 0.57 0.00	43.38 -0.26 0.00	41.26 -0.84 0.00	38.85 -0.59 0.00	35.86 -0.92 0.00	34.92 -0.32 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.90 -2.79 0.00	33.65 -2.57 0.00	32.46 -2.33 0.00	32.27 -2.35 0.00	33.10 -2.41 0.00	37.04 -3.00 0.00	44.55 -4.35 0.00	50.11 -5.69 0.00	42.86 -4.71 0.00	39.20 -4.36 0.00	36.08 -3.88 0.00	33.56 -3.52 0.00	32.77 -3.32 0.00	32.66 -3.55 0.00	33.98 -3.48 0.00	37.46 -4.21 0.00	42.86 -3.58 0.00	51.62 -4.06 0.00	47.32 -4.17 0.00	39.37 -4.28 0.00	37.18 -4.93 0.00	35.38 -4.06 0.00	32.69 -4.08 0.00	32.49 -2.75 0.00
SAWYER___23_KV_LOAD 55526	35.90 -2.79 0.00	33.65 -2.57 0.00	32.46 -2.33 0.00	32.27 -2.35 0.00	33.10 -2.41 0.00	37.04 -3.00 0.00	44.55 -4.35 0.00	50.11 -5.69 0.00	42.86 -4.71 0.00	39.20 -4.36 0.00	36.08 -3.88 0.00	33.56 -3.52 0.00	32.77 -3.32 0.00	32.66 -3.55 0.00	33.98 -3.48 0.00	37.46 -4.21 0.00	42.86 -3.58 0.00	51.62 -4.06 0.00	47.32 -4.17 0.00	39.37 -4.28 0.00	37.18 -4.93 0.00	35.38 -4.06 0.00	32.69 -4.08 0.00	32.49 -2.75 0.00
SELKIRK___I 23801	39.73 1.04 0.00	37.20 0.98 0.00	35.76 0.97 0.00	35.59 0.97 0.00	36.47 0.96 0.00	41.16 1.12 0.00	50.66 1.76 0.00	57.86 2.07 0.00	49.18 1.62 0.00	44.73 1.18 0.00	40.87 0.92 0.00	37.90 0.81 0.00	36.85 0.76 0.00	37.00 0.80 0.00	38.32 0.86 0.00	42.84 1.17 0.00	47.97 1.53 0.00	57.52 1.83 0.00	53.19 1.70 0.00	45.04 1.40 0.00	43.32 1.22 0.00	40.59 1.14 0.00	37.88 1.10 0.00	36.29 1.06 0.00
SELKIRK___II 23799	39.42 0.73 0.00	36.91 0.69 0.00	35.45 0.66 0.00	35.32 0.69 0.00	36.19 0.67 0.00	40.84 0.80 0.00	50.32 1.42 0.00	57.47 1.67 0.00	48.85 1.28 0.00	44.51 0.96 0.00	40.67 0.72 0.00	37.72 0.63 0.00	36.70 0.61 0.00	36.86 0.65 0.00	38.14 0.68 0.00	42.59 0.92 0.00	47.69 1.25 0.00	57.19 1.50 0.00	52.88 1.39 0.00	44.78 1.13 0.00	43.07 0.97 0.00	40.35 0.91 0.00	37.66 0.88 0.00	36.08 0.84 0.00
SENECA OSWGO___HYD 24041	37.52 -1.16 0.00	35.13 -1.09 0.00	33.75 -1.04 0.00	33.55 -1.07 0.00	34.45 -1.06 0.00	38.92 -1.12 0.00	47.59 -1.32 0.00	54.41 -1.39 0.00	46.33 -1.24 0.00	42.25 -1.31 0.00	38.67 -1.28 0.00	35.83 -1.26 0.00	34.86 -1.23 0.00	34.94 -1.27 0.00	36.23 -1.24 0.00	40.34 -1.34 0.00	45.28 -1.16 0.00	54.23 -1.45 0.00	50.21 -1.29 0.00	42.34 -1.31 0.00	40.71 -1.39 0.00	38.18 -1.26 0.00	35.56 -1.21 0.00	34.10 -1.13 0.00

SENECA___115KV_TB3 355854	36.52 -2.17 0.00	34.19 -2.03 0.00	32.98 -1.81 0.00	32.75 -1.87 0.00	33.63 -1.88 0.00	37.64 -2.40 0.00	45.29 -3.62 0.00	51.06 -4.74 0.00	43.66 -3.90 0.00	39.90 -3.66 0.00	36.71 -3.24 0.00	34.16 -2.93 0.00	33.35 -2.74 0.00	33.24 -2.97 0.00	34.54 -2.92 0.00	38.25 -3.42 0.00	43.75 -2.69 0.00	52.68 -3.01 0.00	48.30 -3.19 0.00	40.15 -3.49 0.00	37.93 -4.17 0.00	36.09 -3.35 0.00	33.32 -3.46 0.00	33.01 -2.22 0.00
SENECA___ENERGY 23797	37.99 -0.70 0.00	35.60 -0.62 0.00	34.23 -0.56 0.00	34.04 -0.59 0.00	34.91 -0.60 0.00	39.44 -0.60 0.00	48.32 -0.58 0.00	55.19 -0.61 0.00	46.95 -0.62 0.00	42.77 -0.78 0.00	39.07 -0.88 0.00	36.16 -0.93 0.00	35.22 -0.87 0.00	35.27 -0.94 0.00	36.56 -0.90 0.00	40.46 -1.21 0.00	45.69 -0.74 0.00	54.74 -0.95 0.00	50.72 -0.77 0.00	42.60 -1.05 0.00	40.84 -1.26 0.00	38.18 -1.26 0.00	35.60 -1.18 0.00	34.32 -0.92 0.00
SHOEMAKER___GT 23640	39.92 1.24 0.00	37.38 1.16 0.00	35.90 1.11 0.00	35.73 1.11 0.00	36.62 1.10 0.00	41.36 1.32 0.00	51.11 2.20 0.00	58.53 2.73 0.00	49.66 2.09 0.00	45.39 1.83 0.00	41.47 1.52 0.00	38.42 1.33 0.00	37.39 1.30 0.00	37.55 1.34 0.00	38.74 1.27 0.00	43.29 1.62 0.00	48.58 2.14 0.00	58.30 2.62 0.00	53.86 2.37 0.00	45.56 1.92 0.00	43.79 1.69 0.00	41.06 1.62 0.00	38.25 1.47 0.00	36.57 1.34 0.00
SHOEMAKR_138KV_BK 111 55601	39.92 1.24 0.00	37.38 1.16 0.00	35.87 1.08 0.00	35.73 1.11 0.00	36.58 1.07 0.00	41.36 1.32 0.00	51.10 2.20 0.00	58.53 2.73 0.00	49.66 2.09 0.00	45.30 1.74 0.00	41.47 1.52 0.00	38.46 1.37 0.00	37.39 1.30 0.00	37.59 1.38 0.00	38.77 1.31 0.00	43.30 1.63 0.00	48.53 2.09 0.00	58.41 2.73 0.00	53.86 2.37 0.00	45.52 1.88 0.00	43.79 1.68 0.00	41.02 1.58 0.00	38.32 1.54 0.00	36.57 1.34 0.00
SHOREHAM_IC_1 23715	45.83 3.17 -3.97	41.15 2.90 -2.03	38.66 2.89 -0.99	38.86 2.91 -1.32	40.73 2.91 -2.30	46.96 3.52 -3.40	60.90 5.24 -6.76	78.80 6.69 -16.31	61.45 5.14 -8.74	53.10 4.36 -5.19	55.16 3.84 -11.37	51.05 3.74 -10.22	44.94 3.72 -5.13	47.75 3.80 -7.74	47.94 3.90 -6.59	53.00 4.46 -6.87	65.63 5.66 -13.53	83.19 6.90 -20.60	76.43 6.38 -18.55	73.58 5.23 -24.70	67.55 4.80 -20.65	59.51 4.49 -15.58	55.45 4.05 -14.63	49.52 3.70 -10.58
SHOREHAM_IC_2 23716	45.83 3.17 -3.97	41.15 2.90 -2.03	38.66 2.89 -0.99	38.86 2.91 -1.32	40.73 2.91 -2.30	46.96 3.52 -3.40	60.90 5.24 -6.76	78.80 6.69 -16.31	61.45 5.14 -8.74	53.10 4.36 -5.19	55.16 3.84 -11.37	51.05 3.74 -10.22	44.94 3.72 -5.13	47.75 3.80 -7.74	47.94 3.90 -6.59	53.00 4.46 -6.87	65.63 5.66 -13.53	83.19 6.90 -20.60	76.43 6.38 -18.55	73.58 5.23 -24.70	67.55 4.80 -20.65	59.51 4.49 -15.58	55.45 4.05 -14.63	49.52 3.70 -10.58
SISSONVILLE____ 23735	38.57 -0.12 0.00	36.04 -0.18 0.00	34.58 -0.21 0.00	34.45 -0.17 0.00	35.37 -0.14 0.00	39.60 -0.44 0.00	47.98 -0.93 0.00	54.79 -1.00 0.00	46.90 -0.67 0.00	43.16 -0.39 0.00	39.67 -0.28 0.00	37.16 0.07 0.00	36.12 0.04 0.00	36.21 0.00 0.00	37.46 0.00 0.00	41.30 -0.38 0.00	45.51 -0.93 0.00	54.51 -1.17 0.00	50.52 -0.98 0.00	43.12 -0.52 0.00	41.85 -0.25 0.00	39.13 -0.32 0.00	36.59 -0.18 0.00	34.95 -0.28 0.00
SITHE_IND_GS1 24169	37.10 -1.59 0.00	34.73 -1.49 0.00	33.36 -1.43 0.00	33.17 -1.45 0.00	34.02 -1.49 0.00	38.40 -1.64 0.00	47.00 -1.91 0.00	53.62 -2.18 0.00	45.66 -1.90 0.00	41.73 -1.83 0.00	38.23 -1.72 0.00	35.42 -1.67 0.00	34.47 -1.62 0.00	34.58 -1.63 0.00	35.81 -1.65 0.00	39.84 -1.83 0.00	44.63 -1.81 0.00	53.51 -2.17 0.00	49.48 -2.01 0.00	41.81 -1.83 0.00	40.21 -1.89 0.00	37.67 -1.77 0.00	35.12 -1.65 0.00	33.68 -1.55 0.00
SITHE_IND_GS2 24170	37.10 -1.59 0.00	34.73 -1.49 0.00	33.36 -1.43 0.00	33.17 -1.45 0.00	34.02 -1.49 0.00	38.40 -1.64 0.00	47.00 -1.91 0.00	53.62 -2.18 0.00	45.66 -1.90 0.00	41.73 -1.83 0.00	38.23 -1.72 0.00	35.42 -1.67 0.00	34.47 -1.62 0.00	34.58 -1.63 0.00	35.81 -1.65 0.00	39.84 -1.83 0.00	44.63 -1.81 0.00	53.51 -2.17 0.00	49.48 -2.01 0.00	41.81 -1.83 0.00	40.21 -1.89 0.00	37.67 -1.77 0.00	35.12 -1.65 0.00	33.68 -1.55 0.00
SITHE_IND_GS3 24171	37.10 -1.59 0.00	34.73 -1.49 0.00	33.36 -1.43 0.00	33.17 -1.45 0.00	34.02 -1.49 0.00	38.40 -1.64 0.00	47.00 -1.91 0.00	53.62 -2.18 0.00	45.66 -1.90 0.00	41.73 -1.83 0.00	38.23 -1.72 0.00	35.42 -1.67 0.00	34.47 -1.62 0.00	34.58 -1.63 0.00	35.81 -1.65 0.00	39.84 -1.83 0.00	44.63 -1.81 0.00	53.51 -2.17 0.00	49.48 -2.01 0.00	41.81 -1.83 0.00	40.21 -1.89 0.00	37.67 -1.77 0.00	35.12 -1.65 0.00	33.68 -1.55 0.00
SITHE_IND_GS4 24172	37.10 -1.59 0.00	34.73 -1.49 0.00	33.36 -1.43 0.00	33.17 -1.45 0.00	34.02 -1.49 0.00	38.40 -1.64 0.00	47.00 -1.91 0.00	53.62 -2.18 0.00	45.66 -1.90 0.00	41.73 -1.83 0.00	38.23 -1.72 0.00	35.42 -1.67 0.00	34.47 -1.62 0.00	34.58 -1.63 0.00	35.81 -1.65 0.00	39.84 -1.83 0.00	44.63 -1.81 0.00	53.51 -2.17 0.00	49.48 -2.01 0.00	41.81 -1.83 0.00	40.21 -1.89 0.00	37.67 -1.77 0.00	35.12 -1.65 0.00	33.68 -1.55 0.00
SITHE___BATAVIA 24024	36.94 -1.74 0.00	34.66 -1.56 0.00	33.33 -1.46 0.00	33.07 -1.56 0.00	33.95 -1.56 0.00	38.16 -1.88 0.00	46.12 -2.79 0.00	52.17 -3.63 0.00	44.57 -3.00 0.00	40.64 -2.92 0.00	37.35 -2.60 0.00	34.60 -2.48 0.00	33.71 -2.38 0.00	33.64 -2.57 0.00	35.06 -2.40 0.00	38.71 -2.96 0.00	44.30 -2.14 0.00	52.67 -3.01 0.00	49.02 -2.47 0.00	40.81 -2.84 0.00	38.73 -3.37 0.00	36.37 -3.08 0.00	34.02 -2.76 0.00	33.30 -1.94 0.00
SITHE___INDEPEND 23800	37.06 -1.62 0.00	34.70 -1.52 0.00	33.36 -1.43 0.00	33.17 -1.45 0.00	34.02 -1.49 0.00	38.40 -1.64 0.00	47.00 -1.91 0.00	53.62 -2.18 0.00	45.66 -1.90 0.00	41.73 -1.83 0.00	38.23 -1.72 0.00	35.42 -1.67 0.00	34.46 -1.62 0.00	34.58 -1.63 0.00	35.81 -1.65 0.00	39.84 -1.83 0.00	44.63 -1.81 0.00	53.62 -2.06 0.00	49.49 -2.01 0.00	41.81 -1.83 0.00	40.21 -1.89 0.00	37.71 -1.74 0.00	35.08 -1.69 0.00	33.68 -1.55 0.00
SITHE___MASSENA 23902	39.30 0.62 0.00	36.76 0.54 0.00	35.31 0.52 0.00	35.14 0.52 0.00	36.05 0.53 0.00	40.36 0.32 0.00	48.81 -0.10 0.00	55.69 -0.11 0.00	47.61 0.05 0.00	43.86 0.31 0.00	40.35 0.40 0.00	37.76 0.67 0.00	36.74 0.65 0.00	36.82 0.61 0.00	38.10 0.64 0.00	42.00 0.33 0.00	46.30 -0.14 0.00	55.63 -0.06 0.00	51.39 -0.10 0.00	43.82 0.18 0.00	42.57 0.46 0.00	39.84 0.39 0.00	37.25 0.48 0.00	35.66 0.42 0.00
SITHE___OGDNSBRG 24021	39.61 0.93 0.00	37.05 0.83 0.00	35.52 0.73 0.00	35.42 0.80 0.00	36.33 0.82 0.00	40.72 0.68 0.00	49.34 0.44 0.00	56.41 0.61 0.00	48.23 0.67 0.00	44.43 0.87 0.00	40.83 0.88 0.00	38.20 1.11 0.00	37.14 1.05 0.00	37.26 1.05 0.00	38.51 1.05 0.00	42.42 0.75 0.00	46.76 0.33 0.00	55.96 0.28 0.00	51.91 0.41 0.00	44.25 0.61 0.00	42.94 0.84 0.00	40.15 0.71 0.00	37.48 0.70 0.00	35.83 0.60 0.00

SITHE___STERLING 23777	39.69 1.00 0.00	37.13 0.91 0.00	35.66 0.87 0.00	35.49 0.87 0.00	36.44 0.92 0.00	41.28 1.24 0.00	50.81 1.91 0.00	58.20 2.40 0.00	49.42 1.85 0.00	45.04 1.48 0.00	41.03 1.08 0.00	38.05 0.96 0.00	36.95 0.86 0.00	37.11 0.91 0.00	38.43 0.97 0.00	42.88 1.21 0.00	48.20 1.76 0.00	57.80 2.12 0.00	53.34 1.85 0.00	44.95 1.31 0.00	43.20 1.09 0.00	40.35 0.91 0.00	37.47 0.70 0.00	35.94 0.70 0.00
SLEIGHT__34_KV_TB1 80719	37.37 -1.32 0.00	34.95 -1.27 0.00	33.64 -1.15 0.00	33.41 -1.21 0.00	34.31 -1.21 0.00	38.72 -1.32 0.00	47.34 -1.56 0.00	53.96 -1.84 0.00	45.95 -1.62 0.00	41.90 -1.66 0.00	38.35 -1.60 0.00	35.46 -1.63 0.00	34.54 -1.55 0.00	34.54 -1.67 0.00	35.93 -1.54 0.00	39.84 -1.83 0.00	45.09 -1.35 0.00	54.29 -1.39 0.00	49.95 -1.54 0.00	41.90 -1.75 0.00	40.04 -2.06 0.00	37.63 -1.81 0.00	34.86 -1.91 0.00	33.75 -1.48 0.00
SOUTH CAIRO___GT 23612	41.08 2.40 0.00	38.47 2.25 0.00	36.91 2.12 0.00	36.74 2.11 0.00	37.64 2.13 0.00	42.48 2.44 0.00	52.77 3.86 0.00	59.87 4.07 0.00	50.75 3.19 0.00	45.91 2.35 0.00	41.59 1.64 0.00	38.35 1.26 0.00	37.06 0.97 0.00	37.29 1.09 0.00	38.70 1.23 0.00	43.63 1.96 0.00	49.41 2.97 0.00	59.36 3.67 0.00	54.79 3.30 0.00	46.48 2.84 0.00	44.71 2.61 0.00	41.73 2.29 0.00	38.83 2.06 0.00	37.31 2.08 0.00
SOUTH HAMPTN___IC 23720	46.33 3.68 -3.97	41.66 3.40 -2.03	39.11 3.34 -0.99	39.27 3.32 -1.32	41.19 3.38 -2.30	47.48 4.04 -3.40	61.58 5.91 -6.76	79.58 7.48 -16.31	62.16 5.85 -8.74	53.71 4.96 -5.19	55.76 4.43 -11.37	51.49 4.19 -10.22	45.33 4.11 -5.13	48.14 4.20 -7.74	48.36 4.31 -6.59	53.46 4.91 -6.87	66.24 6.27 -13.53	83.92 7.63 -20.61	77.15 7.11 -18.55	74.15 5.81 -24.70	68.10 5.35 -20.65	60.03 5.01 -15.58	55.93 4.52 -14.63	49.94 4.12 -10.58
SOUTHDOW_115KV_TB1 355954	38.10 -0.58 0.00	35.60 -0.62 0.00	34.27 -0.52 0.00	34.07 -0.55 0.00	34.98 -0.53 0.00	39.28 -0.76 0.00	47.39 -1.52 0.00	53.73 -2.06 0.00	45.95 -1.62 0.00	41.94 -1.61 0.00	38.55 -1.40 0.00	35.83 -1.26 0.00	34.93 -1.15 0.00	34.80 -1.41 0.00	36.19 -1.27 0.00	39.92 -1.75 0.00	45.70 -0.74 0.00	55.01 -0.67 0.00	50.31 -1.18 0.00	41.81 -1.83 0.00	39.45 -2.65 0.00	37.55 -1.89 0.00	34.57 -2.21 0.00	34.14 -1.09 0.00
SOUTHOLD_69_KV_BK 2 55809	47.03 4.37 -3.97	42.27 4.02 -2.03	39.67 3.90 -0.99	39.86 3.91 -1.32	41.76 3.94 -2.30	48.16 4.72 -3.40	62.56 6.90 -6.76	80.75 8.65 -16.31	63.16 6.85 -8.74	54.54 5.79 -5.19	56.60 5.27 -11.37	52.16 4.86 -10.22	45.95 4.73 -5.13	48.73 4.78 -7.74	48.99 4.94 -6.59	54.21 5.67 -6.87	67.12 7.15 -13.53	85.36 9.08 -20.61	78.34 8.29 -18.55	75.15 6.81 -24.70	68.99 6.23 -20.65	60.78 5.76 -15.58	56.67 5.26 -14.63	50.57 4.76 -10.58
SOUTHOLD___IC 23719	47.03 4.37 -3.97	42.27 4.02 -2.03	39.67 3.90 -0.99	39.86 3.91 -1.32	41.76 3.94 -2.30	48.16 4.72 -3.40	62.56 6.90 -6.76	80.75 8.65 -16.31	63.16 6.85 -8.74	54.54 5.79 -5.19	56.56 5.23 -11.37	52.16 4.86 -10.22	45.95 4.73 -5.13	48.73 4.78 -7.74	48.99 4.94 -6.59	54.21 5.67 -6.87	67.17 7.20 -13.53	85.14 8.85 -20.61	78.28 8.24 -18.55	75.11 6.76 -24.70	68.98 6.23 -20.65	60.82 5.80 -15.58	56.63 5.22 -14.63	50.57 4.75 -10.58
SOUTH_FORK_WT_PWR 323839	47.10 4.45 -3.97	42.31 4.06 -2.03	39.74 3.96 -0.99	39.93 3.98 -1.32	41.83 4.01 -2.30	48.24 4.80 -3.40	62.61 6.94 -6.76	80.81 8.70 -16.31	63.20 6.89 -8.74	54.62 5.88 -5.19	56.64 5.31 -11.37	52.20 4.90 -10.22	45.99 4.76 -5.13	48.80 4.85 -7.74	49.07 5.02 -6.59	54.25 5.71 -6.87	67.21 7.24 -13.53	85.19 8.91 -20.61	78.39 8.34 -18.55	75.15 6.81 -24.70	69.03 6.27 -20.65	60.85 5.84 -15.58	56.67 5.26 -14.63	50.61 4.79 -10.58
SPIERFLS_115KV_TB 1 80737	40.23 1.55 0.00	37.63 1.41 0.00	36.15 1.36 0.00	36.04 1.42 0.00	36.93 1.42 0.00	41.84 1.80 0.00	51.89 2.98 0.00	59.48 3.68 0.00	50.56 3.00 0.00	45.78 2.22 0.00	41.71 1.76 0.00	38.50 1.41 0.00	37.39 1.30 0.00	37.48 1.27 0.00	38.92 1.46 0.00	43.67 2.00 0.00	49.09 2.65 0.00	59.13 3.45 0.00	54.53 3.04 0.00	46.09 2.44 0.00	44.17 2.06 0.00	41.30 1.85 0.00	38.51 1.73 0.00	36.71 1.48 0.00
ST LAWRENCE____ 23600	38.88 0.19 0.00	36.40 0.18 0.00	34.93 0.14 0.00	34.76 0.14 0.00	35.69 0.18 0.00	40.08 0.04 0.00	48.42 -0.49 0.00	55.19 -0.61 0.00	47.18 -0.38 0.00	43.47 -0.09 0.00	40.07 0.12 0.00	37.31 0.22 0.00	36.34 0.25 0.00	36.43 0.22 0.00	37.65 0.19 0.00	41.71 0.04 0.00	45.93 -0.51 0.00	55.18 -0.50 0.00	50.98 -0.51 0.00	43.47 -0.17 0.00	42.19 0.08 0.00	39.52 0.08 0.00	36.85 0.07 0.00	35.27 0.04 0.00
STATE_CA_115KV_115_LB 55624	39.46 0.77 0.00	36.94 0.72 0.00	35.49 0.70 0.00	35.35 0.73 0.00	36.22 0.71 0.00	40.92 0.88 0.00	50.47 1.56 0.00	57.70 1.90 0.00	49.09 1.52 0.00	44.60 1.05 0.00	40.75 0.80 0.00	37.79 0.70 0.00	36.74 0.65 0.00	36.90 0.69 0.00	38.21 0.75 0.00	42.71 1.04 0.00	47.83 1.39 0.00	57.46 1.78 0.00	53.04 1.54 0.00	44.91 1.27 0.00	43.15 1.05 0.00	40.39 0.95 0.00	37.77 0.99 0.00	36.11 0.88 0.00
STATE_ST_34_KV_LOAD 55959	38.37 -0.31 0.00	35.93 -0.29 0.00	34.55 -0.24 0.00	34.31 -0.31 0.00	35.23 -0.28 0.00	39.84 -0.20 0.00	48.90 0.00 0.00	55.91 0.11 0.00	47.61 0.05 0.00	43.34 -0.22 0.00	39.63 -0.32 0.00	36.64 -0.45 0.00	35.66 -0.43 0.00	35.74 -0.47 0.00	37.05 -0.41 0.00	41.17 -0.50 0.00	46.39 -0.05 0.00	55.85 0.17 0.00	51.49 0.00 0.00	43.34 -0.31 0.00	41.55 -0.55 0.00	38.93 -0.51 0.00	36.15 -0.63 0.00	34.74 -0.49 0.00
STATION 5_MISC_HYD 23604	37.02 -1.66 0.00	34.73 -1.49 0.00	33.40 -1.39 0.00	33.17 -1.45 0.00	34.06 -1.46 0.00	38.32 -1.72 0.00	46.56 -2.35 0.00	52.84 -2.96 0.00	45.14 -2.42 0.00	41.16 -2.40 0.00	37.79 -2.16 0.00	35.01 -2.08 0.00	34.10 -1.98 0.00	34.07 -2.14 0.00	35.48 -1.99 0.00	39.21 -2.46 0.00	44.53 -1.91 0.00	53.12 -2.56 0.00	49.33 -2.16 0.00	41.29 -2.36 0.00	39.37 -2.74 0.00	36.92 -2.53 0.00	34.50 -2.28 0.00	33.51 -1.73 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.87 -0.81 0.00	35.42 -0.80 0.00	34.13 -0.66 0.00	33.90 -0.73 0.00	34.80 -0.71 0.00	39.28 -0.76 0.00	47.93 -0.98 0.00	54.68 -1.12 0.00	46.57 -1.00 0.00	42.42 -1.13 0.00	38.83 -1.12 0.00	35.90 -1.19 0.00	34.97 -1.12 0.00	35.01 -1.19 0.00	36.38 -1.09 0.00	40.25 -1.42 0.00	45.65 -0.79 0.00	55.07 -0.61 0.00	50.62 -0.88 0.00	42.42 -1.22 0.00	40.46 -1.64 0.00	38.06 -1.38 0.00	35.27 -1.51 0.00	34.21 -1.02 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.90 -1.78 0.00	34.52 -1.70 0.00	33.26 -1.53 0.00	33.03 -1.59 0.00	33.92 -1.60 0.00	38.20 -1.84 0.00	46.46 -2.45 0.00	52.84 -2.96 0.00	45.04 -2.52 0.00	41.12 -2.44 0.00	37.71 -2.24 0.00	34.90 -2.19 0.00	34.03 -2.06 0.00	34.04 -2.17 0.00	35.36 -2.10 0.00	39.17 -2.50 0.00	44.49 -1.95 0.00	53.62 -2.06 0.00	49.23 -2.27 0.00	41.24 -2.40 0.00	39.28 -2.82 0.00	37.04 -2.41 0.00	34.31 -2.46 0.00	33.40 -1.83 0.00

STA_56___34_KV_BUS2 355983	36.90 -1.78 0.00	34.52 -1.70 0.00	33.26 -1.53 0.00	33.03 -1.59 0.00	33.92 -1.60 0.00	38.20 -1.84 0.00	46.46 -2.45 0.00	52.84 -2.96 0.00	45.04 -2.52 0.00	41.12 -2.44 0.00	37.71 -2.24 0.00	34.90 -2.19 0.00	34.03 -2.06 0.00	34.04 -2.17 0.00	35.36 -2.10 0.00	39.17 -2.50 0.00	44.49 -1.95 0.00	53.62 -2.06 0.00	49.23 -2.27 0.00	41.24 -2.40 0.00	39.28 -2.82 0.00	37.04 -2.41 0.00	34.31 -2.46 0.00	33.40 -1.83 0.00
STA_67___115KV_BK2 355882	36.94 -1.74 0.00	34.55 -1.67 0.00	33.33 -1.46 0.00	33.10 -1.52 0.00	33.95 -1.56 0.00	38.24 -1.80 0.00	46.46 -2.45 0.00	52.73 -3.07 0.00	45.00 -2.57 0.00	41.07 -2.48 0.00	37.67 -2.28 0.00	34.90 -2.19 0.00	34.03 -2.06 0.00	34.00 -2.21 0.00	35.36 -2.10 0.00	39.13 -2.54 0.00	44.44 -2.00 0.00	53.57 -2.12 0.00	49.18 -2.32 0.00	41.16 -2.49 0.00	39.20 -2.91 0.00	37.00 -2.45 0.00	34.24 -2.54 0.00	33.44 -1.80 0.00
STA_7___115KV_9TRANS 80674	37.21 -1.47 0.00	34.81 -1.41 0.00	33.54 -1.25 0.00	33.31 -1.32 0.00	34.20 -1.31 0.00	38.52 -1.52 0.00	46.80 -2.10 0.00	53.18 -2.62 0.00	45.38 -2.19 0.00	41.42 -2.13 0.00	37.99 -1.96 0.00	35.16 -1.93 0.00	34.28 -1.80 0.00	34.25 -1.96 0.00	35.63 -1.84 0.00	39.42 -2.25 0.00	44.86 -1.58 0.00	54.07 -1.61 0.00	49.64 -1.85 0.00	41.55 -2.09 0.00	39.53 -2.57 0.00	37.27 -2.17 0.00	34.50 -2.28 0.00	33.65 -1.59 0.00
STA_82___115KV_TB1 80780	36.98 -1.70 0.00	34.59 -1.63 0.00	33.33 -1.46 0.00	33.10 -1.52 0.00	33.99 -1.53 0.00	38.24 -1.80 0.00	46.51 -2.40 0.00	52.79 -3.01 0.00	45.04 -2.52 0.00	41.12 -2.44 0.00	37.71 -2.24 0.00	34.90 -2.19 0.00	34.03 -2.06 0.00	34.04 -2.17 0.00	35.36 -2.10 0.00	39.13 -2.54 0.00	44.49 -1.95 0.00	53.62 -2.06 0.00	49.23 -2.27 0.00	41.20 -2.44 0.00	39.20 -2.91 0.00	37.00 -2.45 0.00	34.28 -2.50 0.00	33.44 -1.80 0.00
STEEL___WIND 323596	36.48 -2.20 0.00	34.30 -1.92 0.00	32.94 -1.84 0.00	32.72 -1.90 0.00	33.60 -1.92 0.00	37.60 -2.44 0.00	45.24 -3.67 0.00	51.00 -4.80 0.00	43.62 -3.95 0.00	39.85 -3.70 0.00	36.68 -3.28 0.00	34.16 -2.93 0.00	33.27 -2.81 0.00	33.20 -3.00 0.00	34.54 -2.92 0.00	38.17 -3.50 0.00	43.65 -2.79 0.00	51.67 -4.01 0.00	48.25 -3.24 0.00	40.11 -3.53 0.00	38.06 -4.04 0.00	35.81 -3.63 0.00	33.50 -3.27 0.00	32.98 -2.26 0.00
STEPHTWN_115KV_BK_2 55603	39.88 1.20 0.00	37.38 1.16 0.00	35.87 1.08 0.00	35.73 1.11 0.00	36.61 1.10 0.00	41.40 1.36 0.00	51.10 2.20 0.00	58.42 2.62 0.00	49.71 2.14 0.00	45.12 1.57 0.00	41.11 1.16 0.00	38.13 1.04 0.00	37.03 0.94 0.00	37.15 0.94 0.00	38.47 1.01 0.00	43.05 1.38 0.00	48.30 1.86 0.00	58.08 2.39 0.00	53.60 2.11 0.00	45.39 1.75 0.00	43.58 1.47 0.00	40.78 1.34 0.00	38.10 1.32 0.00	36.43 1.20 0.00
STEBUBEN_REC_LFGE 323667	40.08 1.39 0.00	37.49 1.27 0.00	36.11 1.32 0.00	35.84 1.21 0.00	36.83 1.31 0.00	41.56 1.52 0.00	50.81 1.91 0.00	58.14 2.34 0.00	49.42 1.86 0.00	44.82 1.26 0.00	40.83 0.88 0.00	37.76 0.67 0.00	36.77 0.69 0.00	36.75 0.54 0.00	38.21 0.75 0.00	41.00 -0.67 0.00	46.81 0.37 0.00	56.41 0.72 0.00	51.75 0.26 0.00	43.12 -0.52 0.00	40.97 -1.14 0.00	38.65 -0.79 0.00	35.71 -1.07 0.00	34.85 -0.39 0.00
STILLWATER___SOLAR 323814	40.43 1.74 0.00	37.85 1.63 0.00	36.36 1.57 0.00	36.22 1.59 0.00	37.15 1.63 0.00	42.04 2.00 0.00	51.94 3.03 0.00	59.42 3.62 0.00	50.52 2.95 0.00	45.82 2.26 0.00	41.79 1.84 0.00	38.68 1.59 0.00	37.60 1.52 0.00	37.69 1.49 0.00	39.11 1.65 0.00	43.80 2.12 0.00	49.18 2.74 0.00	59.02 3.34 0.00	54.58 3.09 0.00	46.13 2.49 0.00	44.29 2.19 0.00	41.45 2.01 0.00	38.69 1.91 0.00	36.96 1.73 0.00
STONY___BROOK 24151	45.87 3.21 -3.97	41.19 2.93 -2.03	38.63 2.85 -0.99	38.82 2.87 -1.32	40.69 2.88 -2.30	46.88 3.44 -3.40	60.75 5.09 -6.76	78.46 6.36 -16.31	61.40 5.09 -8.74	53.19 4.44 -5.19	55.28 3.96 -11.37	50.98 3.67 -10.22	44.80 3.57 -5.13	47.60 3.66 -7.74	47.76 3.71 -6.59	52.80 4.25 -6.87	65.26 5.29 -13.53	82.63 6.35 -20.60	75.91 5.87 -18.55	73.19 4.84 -24.70	67.17 4.42 -20.65	59.20 4.18 -15.57	55.23 3.82 -14.63	49.27 3.45 -10.58
STURGEON_POOL_HYD 23609	40.23 1.55 0.00	37.67 1.45 0.00	36.18 1.39 0.00	36.01 1.38 0.00	36.86 1.35 0.00	41.64 1.60 0.00	51.50 2.59 0.00	58.92 3.12 0.00	49.99 2.43 0.00	45.65 2.09 0.00	41.75 1.80 0.00	38.68 1.59 0.00	37.60 1.52 0.00	37.84 1.63 0.00	38.96 1.50 0.00	43.55 1.88 0.00	49.09 2.65 0.00	59.13 3.45 0.00	54.48 2.99 0.00	46.09 2.44 0.00	44.33 2.23 0.00	41.53 2.09 0.00	38.80 2.02 0.00	37.00 1.76 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.04 1.35 0.00	37.52 1.30 0.00	36.01 1.22 0.00	35.84 1.21 0.00	36.69 1.17 0.00	41.48 1.44 0.00	51.30 2.40 0.00	58.81 3.01 0.00	49.90 2.33 0.00	45.56 2.00 0.00	41.71 1.76 0.00	38.65 1.56 0.00	37.64 1.55 0.00	37.80 1.59 0.00	38.96 1.50 0.00	43.50 1.83 0.00	48.76 2.32 0.00	58.69 3.01 0.00	54.12 2.63 0.00	45.74 2.09 0.00	44.00 1.89 0.00	41.22 1.77 0.00	38.51 1.73 0.00	36.71 1.48 0.00
SWANROAD_115KV_TB1 355699	35.01 -3.67 0.00	32.81 -3.40 0.00	31.69 -3.10 0.00	31.51 -3.12 0.00	32.28 -3.23 0.00	36.12 -3.92 0.00	43.38 -5.53 0.00	48.71 -7.09 0.00	41.67 -5.90 0.00	38.11 -5.44 0.00	35.12 -4.83 0.00	32.64 -4.45 0.00	31.90 -4.19 0.00	31.79 -4.42 0.00	33.04 -4.42 0.00	36.46 -5.21 0.00	41.75 -4.69 0.00	50.23 -5.46 0.00	46.09 -5.41 0.00	38.28 -5.37 0.00	36.12 -5.98 0.00	34.39 -5.05 0.00	31.77 -5.00 0.00	31.68 -3.56 0.00
SYNERGY___BIOGAS 323694	36.94 -1.74 0.00	34.66 -1.56 0.00	33.33 -1.46 0.00	33.07 -1.56 0.00	33.95 -1.56 0.00	38.16 -1.88 0.00	46.12 -2.79 0.00	52.17 -3.63 0.00	44.57 -3.00 0.00	40.64 -2.92 0.00	37.35 -2.60 0.00	34.60 -2.48 0.00	33.71 -2.38 0.00	33.64 -2.57 0.00	35.06 -2.40 0.00	38.71 -2.96 0.00	44.30 -2.14 0.00	52.67 -3.01 0.00	49.02 -2.47 0.00	40.81 -2.84 0.00	38.73 -3.37 0.00	36.37 -3.08 0.00	34.02 -2.76 0.00	33.30 -1.94 0.00
SYRACUSE___ENERGY_ST1 323597	38.14 -0.54 0.00	35.68 -0.54 0.00	34.27 -0.52 0.00	34.07 -0.55 0.00	34.98 -0.53 0.00	39.52 -0.52 0.00	48.42 -0.49 0.00	55.30 -0.50 0.00	47.09 -0.48 0.00	42.90 -0.65 0.00	39.27 -0.68 0.00	36.35 -0.74 0.00	35.37 -0.72 0.00	35.45 -0.76 0.00	36.75 -0.71 0.00	40.92 -0.75 0.00	45.97 -0.46 0.00	55.24 -0.45 0.00	50.98 -0.51 0.00	42.99 -0.65 0.00	41.30 -0.80 0.00	38.69 -0.75 0.00	35.97 -0.81 0.00	34.56 -0.67 0.00
SYRACUSE___ENERGY_ST2 323598	38.14 -0.54 0.00	35.68 -0.54 0.00	34.27 -0.52 0.00	34.07 -0.55 0.00	34.98 -0.53 0.00	39.52 -0.52 0.00	48.42 -0.49 0.00	55.30 -0.50 0.00	47.09 -0.48 0.00	42.90 -0.65 0.00	39.27 -0.68 0.00	36.35 -0.74 0.00	35.37 -0.72 0.00	35.45 -0.76 0.00	36.75 -0.71 0.00	40.92 -0.75 0.00	45.97 -0.46 0.00	55.24 -0.45 0.00	50.98 -0.51 0.00	42.99 -0.65 0.00	41.30 -0.80 0.00	38.69 -0.75 0.00	35.97 -0.81 0.00	34.56 -0.67 0.00

SYRACUSE___POWER 24017	38.06 -0.62 0.00	35.60 -0.62 0.00	34.23 -0.56 0.00	34.00 -0.62 0.00	34.91 -0.60 0.00	39.44 -0.60 0.00	48.37 -0.54 0.00	55.30 -0.50 0.00	47.04 -0.52 0.00	42.90 -0.65 0.00	39.23 -0.72 0.00	36.35 -0.74 0.00	35.37 -0.72 0.00	35.45 -0.76 0.00	36.75 -0.71 0.00	40.88 -0.79 0.00	45.97 -0.46 0.00	55.24 -0.45 0.00	50.98 -0.51 0.00	42.95 -0.70 0.00	41.26 -0.84 0.00	38.65 -0.79 0.00	35.93 -0.85 0.00	34.53 -0.70 0.00
TALLMAN___138KV_BK151 55660	40.15 1.47 0.00	37.63 1.41 0.00	36.08 1.29 0.00	35.94 1.32 0.00	36.79 1.28 0.00	41.60 1.56 0.00	51.45 2.54 0.00	59.09 3.29 0.00	50.09 2.52 0.00	45.73 2.18 0.00	41.91 1.96 0.00	38.87 1.78 0.00	37.86 1.77 0.00	38.02 1.81 0.00	39.15 1.69 0.00	43.71 2.04 0.00	48.95 2.51 0.00	58.91 3.23 0.00	54.33 2.83 0.00	45.91 2.27 0.00	44.17 2.06 0.00	41.37 1.93 0.00	38.69 1.91 0.00	36.89 1.66 0.00
TEALLAVE_115KV_TB7 355573	37.79 -0.89 0.00	35.39 -0.83 0.00	33.99 -0.80 0.00	33.79 -0.83 0.00	34.70 -0.82 0.00	39.20 -0.84 0.00	48.02 -0.88 0.00	54.91 -0.89 0.00	46.71 -0.86 0.00	42.60 -0.96 0.00	38.99 -0.96 0.00	36.12 -0.96 0.00	35.11 -0.97 0.00	35.23 -0.98 0.00	36.53 -0.94 0.00	40.63 -1.04 0.00	45.65 -0.79 0.00	54.85 -0.84 0.00	50.57 -0.93 0.00	42.64 -1.00 0.00	40.97 -1.14 0.00	38.38 -1.06 0.00	35.71 -1.07 0.00	34.32 -0.92 0.00
TELGRAPH_34_KV_EAST 80808	36.17 -2.51 0.00	33.86 -2.35 0.00	32.70 -2.09 0.00	32.48 -2.15 0.00	33.31 -2.20 0.00	37.36 -2.68 0.00	45.04 -3.86 0.00	50.78 -5.02 0.00	43.38 -4.19 0.00	39.64 -3.92 0.00	36.48 -3.48 0.00	33.82 -3.26 0.00	33.02 -3.07 0.00	32.91 -3.30 0.00	34.24 -3.22 0.00	37.84 -3.83 0.00	43.33 -3.11 0.00	52.23 -3.45 0.00	47.89 -3.60 0.00	39.80 -3.84 0.00	37.64 -4.46 0.00	35.73 -3.71 0.00	32.99 -3.79 0.00	32.70 -2.54 0.00
TEMPLE___115KV_TB 2 55572	37.83 -0.85 0.00	35.39 -0.83 0.00	34.02 -0.77 0.00	33.83 -0.80 0.00	34.73 -0.78 0.00	39.24 -0.80 0.00	48.07 -0.83 0.00	54.91 -0.89 0.00	46.76 -0.81 0.00	42.64 -0.91 0.00	39.03 -0.92 0.00	36.12 -0.96 0.00	35.15 -0.94 0.00	35.23 -0.98 0.00	36.53 -0.94 0.00	40.67 -1.00 0.00	45.70 -0.74 0.00	54.90 -0.78 0.00	50.62 -0.88 0.00	42.68 -0.96 0.00	41.01 -1.09 0.00	38.42 -1.03 0.00	35.75 -1.03 0.00	34.35 -0.88 0.00
TIANA___69_KV_BK 1 55817	46.22 3.56 -3.97	41.55 3.30 -2.03	38.98 3.20 -0.99	39.17 3.22 -1.32	41.05 3.23 -2.30	47.32 3.88 -3.40	61.39 5.72 -6.76	79.36 7.25 -16.31	61.97 5.66 -8.74	53.54 4.79 -5.19	55.64 4.31 -11.37	51.35 4.04 -10.22	45.23 4.01 -5.13	48.04 4.09 -7.74	48.24 4.20 -6.59	53.29 4.75 -6.87	66.01 6.04 -13.53	83.92 7.63 -20.61	76.95 6.90 -18.55	74.02 5.67 -24.70	67.93 5.18 -20.65	59.83 4.81 -15.58	55.82 4.41 -14.63	49.80 3.98 -10.58
TILDEN___115KV_TB1 80814	38.06 -0.62 0.00	35.60 -0.62 0.00	34.23 -0.56 0.00	34.00 -0.62 0.00	34.91 -0.60 0.00	39.44 -0.60 0.00	48.37 -0.54 0.00	55.30 -0.50 0.00	47.04 -0.52 0.00	42.90 -0.65 0.00	39.23 -0.72 0.00	36.35 -0.74 0.00	35.37 -0.72 0.00	35.45 -0.76 0.00	36.75 -0.71 0.00	40.88 -0.79 0.00	45.97 -0.46 0.00	55.24 -0.45 0.00	50.98 -0.51 0.00	42.95 -0.70 0.00	41.26 -0.84 0.00	38.65 -0.79 0.00	35.93 -0.85 0.00	34.53 -0.70 0.00
TRIGEN___CC 323695	45.02 2.36 -3.97	40.46 2.21 -2.03	37.86 2.09 -0.99	38.06 2.11 -1.32	39.91 2.10 -2.30	45.92 2.48 -3.40	59.38 3.72 -6.76	76.78 4.69 -16.29	60.06 3.76 -8.74	52.09 3.35 -5.18	54.32 3.00 -11.37	50.04 2.74 -10.21	43.92 2.71 -5.13	46.69 2.75 -7.73	46.74 2.70 -6.58	51.66 3.13 -6.87	63.71 3.76 -13.51	81.06 4.79 -20.59	74.30 4.27 -18.54	71.78 3.45 -24.69	65.85 3.12 -20.64	57.96 2.96 -15.56	54.23 2.83 -14.63	48.31 2.50 -10.58
TRINITY___115KV___4 BK 55933	39.30 0.62 0.00	36.83 0.62 0.00	35.35 0.56 0.00	35.21 0.59 0.00	36.12 0.60 0.00	40.76 0.72 0.00	50.27 1.37 0.00	57.42 1.62 0.00	48.85 1.28 0.00	44.43 0.87 0.00	40.59 0.64 0.00	37.64 0.56 0.00	36.63 0.54 0.00	36.79 0.58 0.00	38.06 0.60 0.00	42.55 0.88 0.00	47.65 1.21 0.00	57.19 1.50 0.00	52.83 1.34 0.00	44.73 1.09 0.00	43.03 0.93 0.00	40.27 0.83 0.00	37.66 0.88 0.00	36.01 0.78 0.00
UNION___PROCESSING_DRP 323587	36.98 -1.70 0.00	34.59 -1.63 0.00	33.36 -1.43 0.00	33.14 -1.49 0.00	34.02 -1.49 0.00	38.28 -1.76 0.00	46.51 -2.40 0.00	52.79 -3.01 0.00	45.04 -2.52 0.00	41.12 -2.44 0.00	37.71 -2.24 0.00	34.94 -2.15 0.00	34.07 -2.02 0.00	34.04 -2.17 0.00	35.40 -2.06 0.00	39.17 -2.50 0.00	44.49 -1.95 0.00	53.62 -2.06 0.00	49.28 -2.21 0.00	41.20 -2.44 0.00	39.24 -2.86 0.00	37.04 -2.41 0.00	34.28 -2.50 0.00	33.47 -1.76 0.00
UPPER HUDSON___HYD 24058	40.23 1.55 0.00	37.60 1.38 0.00	36.14 1.36 0.00	36.04 1.42 0.00	36.94 1.42 0.00	41.84 1.80 0.00	51.89 2.98 0.00	59.48 3.68 0.00	50.56 3.00 0.00	45.78 2.22 0.00	41.71 1.76 0.00	38.50 1.41 0.00	37.39 1.30 0.00	37.48 1.27 0.00	38.89 1.42 0.00	43.67 2.00 0.00	49.08 2.65 0.00	59.02 3.34 0.00	54.53 3.04 0.00	46.09 2.44 0.00	44.16 2.06 0.00	41.30 1.85 0.00	38.47 1.69 0.00	36.71 1.48 0.00
UPPER RAQUET___HYD 24056	38.57 -0.12 0.00	36.04 -0.18 0.00	34.58 -0.21 0.00	34.45 -0.17 0.00	35.37 -0.14 0.00	39.60 -0.44 0.00	47.97 -0.93 0.00	54.85 -0.95 0.00	46.90 -0.67 0.00	43.12 -0.44 0.00	39.67 -0.28 0.00	37.16 0.07 0.00	36.12 0.04 0.00	36.21 0.00 0.00	37.46 0.00 0.00	41.30 -0.38 0.00	45.51 -0.93 0.00	54.79 -0.89 0.00	50.51 -0.98 0.00	43.12 -0.52 0.00	41.85 -0.25 0.00	39.17 -0.27 0.00	36.59 -0.18 0.00	34.95 -0.28 0.00
VALLEY44_115KV_TB2 355964	37.29 -1.39 0.00	34.92 -1.30 0.00	33.61 -1.18 0.00	33.41 -1.21 0.00	34.27 -1.24 0.00	38.44 -1.60 0.00	46.21 -2.69 0.00	52.23 -3.57 0.00	44.66 -2.90 0.00	40.73 -2.83 0.00	37.39 -2.56 0.00	34.79 -2.30 0.00	33.92 -2.17 0.00	33.86 -2.35 0.00	35.18 -2.29 0.00	38.75 -2.92 0.00	44.30 -2.14 0.00	53.29 -2.39 0.00	48.92 -2.57 0.00	40.72 -2.92 0.00	38.61 -3.49 0.00	36.84 -2.60 0.00	34.09 -2.68 0.00	33.58 -1.66 0.00
VALLEY___115KV_TB 1-4 80826	39.11 0.43 0.00	36.62 0.40 0.00	35.17 0.38 0.00	35.01 0.38 0.00	35.94 0.43 0.00	40.56 0.52 0.00	49.74 0.83 0.00	56.86 1.06 0.00	48.37 0.81 0.00	44.21 0.65 0.00	40.39 0.44 0.00	37.57 0.48 0.00	36.52 0.43 0.00	36.68 0.47 0.00	37.95 0.49 0.00	42.25 0.58 0.00	47.23 0.79 0.00	56.57 0.89 0.00	52.16 0.67 0.00	44.08 0.44 0.00	42.35 0.25 0.00	39.64 0.20 0.00	36.92 0.15 0.00	35.34 0.11 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	41.08 2.40 0.00	38.43 2.21 0.00	36.88 2.09 0.00	36.74 2.11 0.00	37.68 2.17 0.00	42.64 2.60 0.00	52.72 3.81 0.00	60.49 4.69 0.00	51.23 3.66 0.00	46.61 3.05 0.00	42.55 2.60 0.00	39.35 2.26 0.00	38.15 2.06 0.00	38.38 2.17 0.00	39.63 2.17 0.00	44.25 2.58 0.00	49.92 3.48 0.00	60.25 4.57 0.00	55.51 4.02 0.00	46.83 3.19 0.00	44.92 2.82 0.00	41.97 2.52 0.00	38.98 2.21 0.00	37.31 2.08 0.00

VISCHER___FERRY HYD 24020	39.96 1.27 0.00	37.41 1.19 0.00	35.97 1.18 0.00	35.80 1.18 0.00	36.76 1.24 0.00	41.52 1.48 0.00	51.25 2.35 0.00	58.59 2.79 0.00	49.80 2.24 0.00	45.17 1.61 0.00	41.27 1.32 0.00	38.27 1.19 0.00	37.24 1.15 0.00	37.40 1.19 0.00	38.74 1.27 0.00	43.29 1.62 0.00	48.58 2.14 0.00	58.24 2.56 0.00	53.86 2.37 0.00	45.61 1.97 0.00	43.79 1.69 0.00	41.02 1.58 0.00	38.29 1.51 0.00	36.64 1.41 0.00
V_A_10_SYNC_DSASP 323832	35.74 -2.94 0.00	33.61 -2.61 0.00	32.32 -2.47 0.00	32.10 -2.53 0.00	32.92 -2.59 0.00	36.92 -3.12 0.00	44.55 -4.35 0.00	50.22 -5.58 0.00	42.91 -4.66 0.00	39.20 -4.36 0.00	36.08 -3.87 0.00	33.56 -3.52 0.00	32.73 -3.36 0.00	32.66 -3.55 0.00	33.98 -3.48 0.00	37.46 -4.21 0.00	42.63 -3.81 0.00	50.56 -5.12 0.00	47.17 -4.33 0.00	39.32 -4.32 0.00	37.43 -4.67 0.00	35.18 -4.26 0.00	32.95 -3.83 0.00	32.35 -2.89 0.00
V_CMM_10_SYNC_DSASP 323787	39.03 0.35 0.00	36.51 0.29 0.00	35.07 0.28 0.00	34.90 0.28 0.00	35.80 0.28 0.00	40.24 0.20 0.00	48.61 -0.29 0.00	55.41 -0.39 0.00	47.38 -0.19 0.00	43.64 0.09 0.00	40.19 0.24 0.00	37.46 0.37 0.00	36.49 0.40 0.00	36.57 0.36 0.00	37.80 0.34 0.00	41.84 0.17 0.00	46.12 -0.32 0.00	55.35 -0.33 0.00	51.19 -0.31 0.00	43.60 -0.04 0.00	42.36 0.25 0.00	39.68 0.24 0.00	37.00 0.22 0.00	35.41 0.18 0.00
V_CMP_10_SYNC_DSASP 323788	40.31 1.62 0.00	37.70 1.49 0.00	36.18 1.39 0.00	36.01 1.39 0.00	36.97 1.46 0.00	41.56 1.52 0.00	50.27 1.37 0.00	57.47 1.67 0.00	49.18 1.62 0.00	45.17 1.61 0.00	41.55 1.60 0.00	38.76 1.67 0.00	37.75 1.66 0.00	37.77 1.56 0.00	39.07 1.61 0.00	43.21 1.54 0.00	47.69 1.25 0.00	57.35 1.67 0.00	52.99 1.49 0.00	45.17 1.53 0.00	43.83 1.73 0.00	40.98 1.54 0.00	38.10 1.32 0.00	36.47 1.23 0.00
V_D_10_SYNC_DSASP 323841	39.30 0.62 0.00	36.76 0.54 0.00	35.28 0.49 0.00	35.14 0.52 0.00	36.05 0.53 0.00	40.36 0.32 0.00	48.81 -0.10 0.00	55.69 -0.11 0.00	47.61 0.05 0.00	43.86 0.31 0.00	40.35 0.40 0.00	37.76 0.67 0.00	36.74 0.65 0.00	36.82 0.61 0.00	38.10 0.64 0.00	42.00 0.33 0.00	46.30 -0.14 0.00	55.63 -0.06 0.00	51.39 -0.10 0.00	43.82 0.18 0.00	42.57 0.46 0.00	39.84 0.39 0.00	37.25 0.48 0.00	35.66 0.42 0.00
V_E_10_SYNC_DSASP 323830	42.71 4.02 0.00	40.02 3.80 0.00	38.20 3.41 0.00	38.09 3.46 0.00	39.06 3.55 0.00	44.36 4.33 0.00	54.72 5.82 0.00	62.94 7.14 0.00	53.13 5.56 0.00	48.39 4.83 0.00	43.87 3.92 0.00	40.31 3.23 0.00	38.83 2.74 0.00	39.11 2.90 0.00	40.57 3.11 0.00	45.38 3.71 0.00	51.82 5.38 0.00	62.75 7.07 0.00	57.93 6.44 0.00	48.53 4.89 0.00	46.40 4.30 0.00	43.19 3.75 0.00	39.72 2.94 0.00	38.09 2.85 0.00
V_F_30_NSYNC___DSASP 323816	40.50 1.82 0.00	37.92 1.70 0.00	36.42 1.64 0.00	36.29 1.66 0.00	37.22 1.70 0.00	42.08 2.04 0.00	52.04 3.13 0.00	59.54 3.74 0.00	50.61 3.05 0.00	45.91 2.35 0.00	41.87 1.92 0.00	38.76 1.67 0.00	37.64 1.55 0.00	37.77 1.56 0.00	39.15 1.69 0.00	43.88 2.21 0.00	49.27 2.83 0.00	59.14 3.45 0.00	54.64 3.14 0.00	46.22 2.57 0.00	44.37 2.27 0.00	41.53 2.09 0.00	38.72 1.95 0.00	36.99 1.76 0.00
V_F_30_SYNC_DSASP 323786	39.46 0.77 0.00	36.94 0.72 0.00	35.49 0.70 0.00	35.35 0.73 0.00	36.22 0.71 0.00	40.92 0.88 0.00	50.47 1.56 0.00	57.70 1.90 0.00	49.09 1.52 0.00	44.60 1.05 0.00	40.75 0.80 0.00	37.79 0.70 0.00	36.74 0.65 0.00	36.90 0.69 0.00	38.21 0.75 0.00	42.71 1.04 0.00	47.83 1.39 0.00	57.46 1.78 0.00	53.04 1.54 0.00	44.87 1.22 0.00	43.15 1.05 0.00	40.39 0.95 0.00	37.77 0.99 0.00	36.11 0.88 0.00
V_XM_10_SYNC_DSASP 323789	40.31 1.62 0.00	37.70 1.49 0.00	36.18 1.39 0.00	36.01 1.39 0.00	36.97 1.46 0.00	41.56 1.52 0.00	50.27 1.37 0.00	57.47 1.67 0.00	49.18 1.62 0.00	45.17 1.61 0.00	41.55 1.60 0.00	38.76 1.67 0.00	37.75 1.66 0.00	37.77 1.56 0.00	39.07 1.61 0.00	43.21 1.54 0.00	47.69 1.25 0.00	57.35 1.67 0.00	52.99 1.49 0.00	45.17 1.53 0.00	43.83 1.73 0.00	40.98 1.54 0.00	38.10 1.32 0.00	36.47 1.23 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.31 1.62 0.00	37.74 1.52 0.00	36.22 1.43 0.00	36.08 1.45 0.00	36.93 1.42 0.00	41.76 1.72 0.00	51.69 2.79 0.00	59.31 3.52 0.00	50.23 2.66 0.00	45.91 2.35 0.00	42.03 2.08 0.00	38.98 1.89 0.00	37.97 1.88 0.00	38.13 1.92 0.00	39.26 1.80 0.00	43.84 2.17 0.00	49.13 2.69 0.00	59.13 3.45 0.00	54.53 3.04 0.00	46.09 2.44 0.00	44.33 2.23 0.00	41.53 2.09 0.00	38.84 2.06 0.00	37.00 1.76 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.50 1.82 0.00	37.96 1.74 0.00	36.39 1.60 0.00	36.25 1.63 0.00	37.11 1.60 0.00	41.96 1.92 0.00	51.94 3.03 0.00	59.76 3.96 0.00	50.75 3.19 0.00	46.43 2.87 0.00	42.51 2.56 0.00	39.46 2.37 0.00	38.43 2.35 0.00	38.60 2.39 0.00	39.75 2.29 0.00	44.34 2.67 0.00	49.64 3.20 0.00	59.80 4.12 0.00	55.10 3.60 0.00	46.52 2.88 0.00	44.71 2.61 0.00	41.89 2.45 0.00	39.20 2.43 0.00	37.31 2.08 0.00
W50THST__13_KV_LOAD 356117	40.66 1.97 0.00	38.10 1.88 0.00	36.53 1.74 0.00	36.39 1.77 0.00	37.25 1.74 0.00	42.12 2.08 0.00	52.13 3.23 0.00	60.04 4.24 0.00	50.99 3.42 0.00	46.65 3.09 0.00	42.71 2.76 0.00	39.65 2.56 0.00	38.62 2.53 0.00	38.78 2.57 0.00	39.93 2.47 0.00	44.55 2.88 0.00	49.92 3.48 0.00	60.08 4.40 0.00	55.36 3.86 0.00	46.74 3.10 0.00	44.88 2.78 0.00	42.05 2.60 0.00	39.35 2.57 0.00	37.45 2.22 0.00
WADING RIVER_IC_1 23522	45.75 3.10 -3.97	41.11 2.86 -2.03	38.63 2.85 -0.99	38.79 2.84 -1.32	40.69 2.88 -2.30	46.88 3.44 -3.40	60.80 5.13 -6.76	78.63 6.53 -16.31	61.35 5.04 -8.74	53.02 4.27 -5.19	55.12 3.80 -11.37	50.98 3.67 -10.22	44.90 3.68 -5.13	47.68 3.73 -7.74	47.87 3.82 -6.59	52.92 4.37 -6.87	65.49 5.52 -13.53	83.02 6.73 -20.61	76.27 6.23 -18.55	73.45 5.10 -24.70	67.43 4.67 -20.65	59.40 4.38 -15.58	55.38 3.97 -14.63	49.45 3.63 -10.58
WADING RIVER_IC_2 23547	45.75 3.10 -3.97	41.11 2.86 -2.03	38.63 2.85 -0.99	38.79 2.84 -1.32	40.69 2.88 -2.30	46.88 3.44 -3.40	60.80 5.13 -6.76	78.63 6.53 -16.31	61.35 5.04 -8.74	53.02 4.27 -5.19	55.12 3.80 -11.37	50.98 3.67 -10.22	44.90 3.68 -5.13	47.68 3.73 -7.74	47.87 3.82 -6.59	52.92 4.37 -6.87	65.49 5.52 -13.53	83.02 6.73 -20.61	76.27 6.23 -18.55	73.45 5.10 -24.70	67.43 4.67 -20.65	59.40 4.38 -15.58	55.38 3.97 -14.63	49.45 3.63 -10.58
WADING RIVER_IC_3 23601	45.75 3.10 -3.97	41.11 2.86 -2.03	38.63 2.85 -0.99	38.79 2.84 -1.32	40.69 2.88 -2.30	46.88 3.44 -3.40	60.80 5.13 -6.76	78.63 6.53 -16.31	61.35 5.04 -8.74	53.02 4.27 -5.19	55.12 3.80 -11.37	50.98 3.67 -10.22	44.90 3.68 -5.13	47.68 3.73 -7.74	47.87 3.82 -6.59	52.92 4.37 -6.87	65.49 5.52 -13.53	83.02 6.73 -20.61	76.27 6.23 -18.55	73.45 5.10 -24.70	67.43 4.67 -20.65	59.40 4.38 -15.58	55.38 3.97 -14.63	49.45 3.63 -10.58

WALDENNY_12_KV_BK2 80841	36.40 -2.28 0.00	34.08 -2.14 0.00	32.88 -1.91 0.00	32.69 -1.94 0.00	33.52 -1.99 0.00	37.52 -2.52 0.00	45.19 -3.72 0.00	50.94 -4.85 0.00	43.52 -4.04 0.00	39.77 -3.79 0.00	36.63 -3.32 0.00	34.08 -3.00 0.00	33.24 -2.85 0.00	33.13 -3.08 0.00	34.47 -3.00 0.00	38.13 -3.54 0.00	43.61 -2.83 0.00	52.51 -3.17 0.00	48.15 -3.35 0.00	40.02 -3.62 0.00	37.81 -4.29 0.00	35.93 -3.51 0.00	33.21 -3.57 0.00	32.91 -2.33 0.00
WALDEN___HYDRO 24148	40.31 1.62 0.00	37.74 1.52 0.00	36.22 1.43 0.00	36.08 1.45 0.00	36.94 1.42 0.00	41.76 1.72 0.00	51.69 2.79 0.00	59.20 3.40 0.00	50.18 2.61 0.00	45.86 2.31 0.00	41.87 1.92 0.00	38.79 1.71 0.00	37.71 1.63 0.00	37.91 1.70 0.00	39.07 1.61 0.00	43.71 2.04 0.00	49.13 2.69 0.00	59.02 3.34 0.00	54.53 3.04 0.00	46.09 2.44 0.00	44.29 2.19 0.00	41.53 2.09 0.00	38.69 1.91 0.00	36.92 1.69 0.00
WARRENSBURG___ 23737	40.23 1.55 0.00	37.60 1.38 0.00	36.14 1.36 0.00	36.04 1.42 0.00	36.94 1.42 0.00	41.84 1.80 0.00	51.89 2.98 0.00	59.48 3.68 0.00	50.56 3.00 0.00	45.78 2.22 0.00	41.71 1.76 0.00	38.50 1.41 0.00	37.39 1.30 0.00	37.48 1.27 0.00	38.89 1.42 0.00	43.67 2.00 0.00	49.08 2.65 0.00	59.02 3.34 0.00	54.53 3.04 0.00	46.09 2.44 0.00	44.16 2.06 0.00	41.30 1.85 0.00	38.47 1.69 0.00	36.71 1.48 0.00
WATERSIDE___6 8 9 23538	40.78 2.09 -0.01	38.21 1.99 0.00	36.63 1.84 0.00	36.46 1.84 0.00	37.32 1.81 0.00	42.12 2.08 0.00	52.13 3.23 0.00	60.04 4.24 0.00	50.99 3.42 0.00	46.70 3.14 -0.01	42.71 2.76 0.00	39.65 2.56 0.00	38.62 2.53 0.00	38.78 2.57 0.00	39.93 2.47 0.00	44.55 2.88 0.00	49.88 3.44 0.00	60.08 4.40 0.00	55.36 3.86 0.00	46.74 3.10 0.00	44.88 2.78 0.00	42.05 2.60 0.00	39.39 2.61 0.00	37.52 2.29 0.00
WATKINRD_115KV_LN8_ILLION 55919	39.03 0.35 0.00	36.55 0.33 0.00	35.10 0.31 0.00	34.94 0.31 0.00	35.83 0.32 0.00	40.48 0.44 0.00	49.64 0.73 0.00	56.75 0.95 0.00	48.28 0.71 0.00	44.08 0.52 0.00	40.31 0.36 0.00	37.46 0.37 0.00	36.45 0.36 0.00	36.61 0.40 0.00	37.84 0.37 0.00	42.17 0.50 0.00	47.18 0.74 0.00	56.57 0.89 0.00	52.21 0.72 0.00	44.17 0.52 0.00	42.48 0.38 0.00	39.76 0.32 0.00	37.03 0.26 0.00	35.44 0.21 0.00
WATSON___69_KV_BK 1 55734	46.22 3.56 -3.97	41.59 3.33 -2.03	38.98 3.20 -0.99	39.13 3.19 -1.32	41.01 3.20 -2.30	47.28 3.84 -3.40	61.29 5.62 -6.76	79.08 6.97 -16.31	61.97 5.66 -8.74	53.58 4.83 -5.19	55.68 4.35 -11.37	51.31 4.01 -10.22	45.12 3.90 -5.13	47.89 3.95 -7.74	48.09 4.05 -6.59	53.13 4.58 -6.87	65.68 5.71 -13.53	83.47 7.18 -20.60	76.53 6.49 -18.55	73.67 5.32 -24.70	67.64 4.88 -20.65	59.55 4.54 -15.57	55.64 4.23 -14.63	49.59 3.77 -10.58
WDELAWARE___HYD 323627	40.89 2.20 0.00	38.28 2.06 0.00	36.74 1.95 0.00	36.56 1.94 0.00	37.43 1.92 0.00	42.40 2.36 0.00	52.57 3.67 0.00	60.10 4.30 0.00	50.94 3.38 0.00	46.52 2.96 0.00	42.39 2.44 0.00	39.20 2.11 0.00	38.00 1.91 0.00	38.24 2.03 0.00	39.41 1.95 0.00	44.13 2.46 0.00	49.88 3.44 0.00	59.97 4.29 0.00	55.30 3.81 0.00	46.79 3.14 0.00	44.97 2.86 0.00	42.13 2.68 0.00	39.20 2.43 0.00	37.42 2.19 0.00
WEST BABYLON___IC 23714	46.02 3.37 -3.97	41.37 3.11 -2.03	38.77 2.99 -0.99	38.93 2.98 -1.32	40.83 3.02 -2.30	47.00 3.56 -3.40	60.90 5.23 -6.76	78.57 6.47 -16.30	61.59 5.28 -8.74	53.32 4.57 -5.19	55.44 4.11 -11.37	51.05 3.75 -10.22	44.87 3.64 -5.13	47.64 3.69 -7.74	47.79 3.75 -6.59	52.83 4.29 -6.87	65.17 5.20 -13.53	82.80 6.51 -20.60	75.91 5.87 -18.55	73.14 4.80 -24.70	67.17 4.42 -20.65	59.16 4.14 -15.57	55.34 3.94 -14.63	49.34 3.52 -10.58
WEST CANADA___HYD 24049	38.80 0.12 0.00	36.36 0.15 0.00	34.89 0.10 0.00	34.76 0.14 0.00	35.66 0.14 0.00	40.24 0.20 0.00	49.34 0.44 0.00	56.36 0.56 0.00	47.99 0.43 0.00	43.86 0.31 0.00	40.15 0.20 0.00	37.24 0.15 0.00	36.23 0.14 0.00	36.39 0.18 0.00	37.61 0.15 0.00	41.92 0.25 0.00	46.86 0.42 0.00	56.18 0.50 0.00	51.90 0.41 0.00	43.95 0.31 0.00	42.31 0.21 0.00	39.64 0.20 0.00	36.92 0.15 0.00	35.38 0.14 0.00
WESTERN_NY_WIND 24143	36.87 -1.82 0.00	34.44 -1.77 0.00	33.26 -1.53 0.00	33.03 -1.59 0.00	33.92 -1.60 0.00	38.08 -1.96 0.00	46.02 -2.89 0.00	52.00 -3.79 0.00	44.47 -3.09 0.00	40.55 -3.01 0.00	37.27 -2.68 0.00	34.49 -2.60 0.00	33.63 -2.45 0.00	33.57 -2.64 0.00	34.95 -2.51 0.00	38.63 -3.04 0.00	44.26 -2.18 0.00	53.40 -2.28 0.00	48.92 -2.57 0.00	40.72 -2.92 0.00	38.48 -3.62 0.00	36.52 -2.92 0.00	33.69 -3.09 0.00	33.23 -2.01 0.00
WESTOVER___LESR 323668	38.76 0.08 0.00	36.29 0.07 0.00	34.89 0.10 0.00	34.69 0.07 0.00	35.58 0.07 0.00	40.16 0.12 0.00	49.20 0.29 0.00	56.08 0.28 0.00	47.71 0.14 0.00	43.51 -0.04 0.00	39.79 -0.16 0.00	36.90 -0.19 0.00	35.91 -0.18 0.00	35.99 -0.22 0.00	37.31 -0.15 0.00	41.38 -0.29 0.00	46.62 0.19 0.00	56.07 0.39 0.00	51.70 0.21 0.00	43.51 -0.13 0.00	41.68 -0.42 0.00	39.13 -0.32 0.00	36.37 -0.40 0.00	35.09 -0.14 0.00
WETHRSFD_WT_PWR 323626	39.26 0.58 0.00	36.76 0.54 0.00	35.31 0.52 0.00	35.07 0.45 0.00	36.05 0.53 0.00	40.68 0.64 0.00	49.73 0.83 0.00	56.80 1.01 0.00	48.32 0.76 0.00	43.95 0.39 0.00	40.07 0.12 0.00	37.13 0.04 0.00	36.16 0.07 0.00	36.17 -0.04 0.00	37.57 0.11 0.00	38.80 -2.87 0.00	44.21 -2.23 0.00	52.51 -3.17 0.00	48.92 -2.57 0.00	40.76 -2.88 0.00	38.73 -3.37 0.00	36.41 -3.04 0.00	34.02 -2.76 0.00	33.30 -1.94 0.00
WHAVSTOR_138KV_BK127 55557	40.15 1.47 0.00	37.60 1.38 0.00	36.08 1.29 0.00	35.94 1.32 0.00	36.79 1.28 0.00	41.60 1.56 0.00	51.45 2.54 0.00	59.03 3.24 0.00	49.99 2.43 0.00	45.69 2.13 0.00	41.87 1.92 0.00	38.83 1.74 0.00	37.86 1.77 0.00	38.02 1.81 0.00	39.15 1.69 0.00	43.67 2.00 0.00	48.90 2.46 0.00	58.86 3.17 0.00	54.27 2.78 0.00	45.87 2.23 0.00	44.12 2.02 0.00	41.34 1.89 0.00	38.69 1.91 0.00	36.89 1.66 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.15 1.47 0.00	37.60 1.38 0.00	36.08 1.29 0.00	35.94 1.32 0.00	36.79 1.28 0.00	41.60 1.56 0.00	51.45 2.54 0.00	59.03 3.24 0.00	49.99 2.43 0.00	45.69 2.13 0.00	41.87 1.92 0.00	38.83 1.74 0.00	37.86 1.77 0.00	38.02 1.81 0.00	39.15 1.69 0.00	43.67 2.00 0.00	48.90 2.46 0.00	58.86 3.17 0.00	54.27 2.78 0.00	45.87 2.23 0.00	44.12 2.02 0.00	41.34 1.89 0.00	38.69 1.91 0.00	36.89 1.66 0.00
WHITEHAL_115KV_TB1 80871	41.20 2.51 0.00	38.54 2.32 0.00	37.02 2.23 0.00	36.91 2.29 0.00	37.86 2.34 0.00	42.96 2.92 0.00	53.40 4.50 0.00	61.32 5.52 0.00	52.08 4.52 0.00	47.04 3.48 0.00	42.79 2.84 0.00	39.42 2.34 0.00	38.25 2.17 0.00	38.31 2.10 0.00	39.82 2.36 0.00	44.75 3.08 0.00	50.43 3.99 0.00	60.80 5.12 0.00	56.08 4.58 0.00	47.31 3.67 0.00	45.30 3.20 0.00	42.32 2.88 0.00	39.39 2.61 0.00	37.56 2.33 0.00

WHITEPLN_13_KV_LOAD 356215	40.73 2.05 0.00	38.18 1.96 0.00	36.60 1.81 0.00	36.46 1.84 0.00	37.29 1.78 0.00	42.20 2.16 0.00	52.28 3.37 0.00	60.32 4.52 0.00	51.23 3.66 0.00	46.78 3.22 0.00	42.87 2.92 0.00	39.68 2.60 0.00	38.69 2.60 0.00	38.85 2.64 0.00	40.01 2.55 0.00	44.63 2.96 0.00	50.11 3.67 0.00	60.36 4.68 0.00	55.61 4.12 0.00	46.96 3.32 0.00	45.09 2.99 0.00	42.20 2.76 0.00	39.42 2.65 0.00	37.49 2.25 0.00
WM_FLOYD_69_KV_BK2 356380	45.91 3.25 -3.97	41.30 3.04 -2.03	38.73 2.96 -0.99	38.89 2.94 -1.32	40.80 2.98 -2.30	47.00 3.56 -3.40	60.95 5.28 -6.76	78.80 6.70 -16.31	61.59 5.28 -8.74	53.19 4.44 -5.19	55.32 4.00 -11.37	51.05 3.75 -10.22	44.94 3.72 -5.13	47.75 3.80 -7.74	47.91 3.86 -6.59	52.96 4.42 -6.87	65.54 5.57 -13.53	83.30 7.02 -20.60	76.43 6.39 -18.55	73.54 5.19 -24.70	67.51 4.76 -20.65	59.44 4.42 -15.58	55.49 4.08 -14.63	49.48 3.66 -10.58
WOODARD__115KV_TB2 355635	37.75 -0.93 0.00	35.35 -0.87 0.00	33.95 -0.83 0.00	33.76 -0.87 0.00	34.66 -0.85 0.00	39.16 -0.88 0.00	47.93 -0.98 0.00	54.79 -1.00 0.00	46.61 -0.95 0.00	42.55 -1.00 0.00	38.95 -1.00 0.00	36.09 -1.00 0.00	35.08 -1.01 0.00	35.20 -1.01 0.00	36.45 -1.01 0.00	40.59 -1.08 0.00	45.56 -0.88 0.00	54.74 -0.95 0.00	50.52 -0.98 0.00	42.60 -1.05 0.00	40.92 -1.18 0.00	38.38 -1.06 0.00	35.67 -1.10 0.00	34.28 -0.95 0.00
YORK___WARBASSE 23770	41.05 2.36 -0.01	38.39 2.17 0.00	36.81 2.02 0.00	36.60 1.97 0.00	37.47 1.95 0.00	42.24 2.20 0.00	52.28 3.37 0.00	60.26 4.46 0.00	51.18 3.61 0.00	46.92 3.35 -0.01	60.45 3.00 -17.50	39.87 2.78 0.00	44.18 2.78 -5.32	39.03 2.82 0.00	40.12 2.66 0.00	45.30 3.17 -0.46	50.01 3.58 0.00	60.42 4.73 0.00	55.66 4.17 0.00	46.92 3.27 0.00	45.09 2.99 0.00	42.33 2.88 -0.01	39.66 2.87 -0.01	37.77 2.54 0.00