

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses															--- Marginal Cost of Congestion									
Generator Data		04/04/2025																								
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	
59TH STREET_GT_1 24138	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
	39.67	36.42	35.75	36.15	36.24	39.63	49.88	54.25	53.88	46.41	44.03	38.22	36.82	36.78	35.48	35.09	35.63	40.15	47.61	58.96	54.91	47.33	41.30	38.57		
	2.00	1.70	1.50	1.39	1.16	1.34	2.42	3.07	3.24	3.04	2.96	2.63	2.54	2.57	2.41	2.54	2.42	2.77	3.28	3.70	3.40	2.89	2.23	1.62		
74TH STREET_GT_1 24260	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	39.67	36.42	35.75	36.15	36.24	39.71	49.88	54.30	53.73	46.28	43.91	38.11	36.72	36.64	35.38	34.96	35.53	40.00	47.25	58.51	54.60	47.02	41.07	38.42		
	2.00	1.70	1.51	1.39	1.16	1.42	2.42	3.12	3.09	2.91	2.83	2.53	2.43	2.43	2.31	2.41	2.32	2.62	2.93	3.26	3.09	2.58	1.99	1.48		
74TH STREET_GT_2 24261	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	39.67	36.42	35.75	36.15	36.24	39.71	49.88	54.30	53.73	46.28	43.91	38.11	36.72	36.64	35.38	34.96	35.53	40.00	47.25	58.51	54.60	47.02	41.07	38.42		
	2.00	1.70	1.51	1.39	1.16	1.42	2.42	3.12	3.09	2.91	2.83	2.53	2.43	2.43	2.31	2.41	2.32	2.62	2.93	3.26	3.09	2.58	1.99	1.48		
ADK HUDSON___FALLS 24011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	40.08	36.84	36.33	36.95	37.01	40.51	50.59	54.76	54.03	45.98	43.29	37.26	35.73	35.65	34.42	33.92	34.67	39.29	46.90	58.85	54.81	47.11	41.30	38.75		
	2.41	2.12	2.09	2.19	1.93	2.22	3.13	3.58	3.39	2.60	2.22	1.67	1.44	1.44	1.36	1.37	1.46	1.91	2.57	3.59	3.30	2.67	2.23	1.81		
ADK RESOURCE___RCVRY 23798	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	40.27	37.01	36.50	37.15	37.18	40.63	50.88	55.07	54.33	46.24	43.45	37.43	35.87	35.75	34.52	34.02	34.77	39.44	47.30	59.34	55.27	47.47	41.61	39.08		
	2.60	2.29	2.26	2.40	2.10	2.34	3.42	3.89	3.69	2.86	2.38	1.85	1.58	1.54	1.45	1.47	1.56	2.05	2.97	4.09	3.76	3.02	2.54	2.14		
ADK S GLENS___FALLS 24028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	40.08	36.84	36.33	36.95	37.01	40.51	50.59	54.76	54.03	45.98	43.29	37.26	35.73	35.65	34.42	33.92	34.67	39.29	46.90	58.85	54.81	47.11	41.30	38.75		
	2.41	2.12	2.09	2.19	1.93	2.22	3.13	3.58	3.39	2.60	2.22	1.67	1.44	1.44	1.36	1.37	1.46	1.91	2.57	3.59	3.30	2.67	2.23	1.81		
ADK_NYS___DAM 23527	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	39.14	36.11	35.54	36.08	36.34	39.40	49.31	53.28	52.51	45.07	42.59	36.90	35.62	35.55	34.36	33.89	34.57	38.95	46.54	57.91	53.88	46.45	40.64	38.12		
	1.47	1.39	1.30	1.32	1.26	1.11	1.85	2.10	1.87	1.69	1.52	1.32	1.34	1.33	1.29	1.34	1.36	1.57	2.22	2.65	2.37	2.00	1.56	1.18		
AIR_PRODUCTS___DRP 24190	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	38.01	35.00	34.55	35.04	35.18	38.25	47.51	51.44	50.74	43.55	41.20	35.69	34.53	34.52	33.37	32.88	33.54	37.57	44.68	55.64	51.82	44.67	39.11	36.83		
	0.34	0.28	0.31	0.28	0.11	-0.04	0.05	0.26	0.10	0.17	0.12	0.11	0.24	0.31	0.30	0.33	0.33	0.19	0.35	0.39	0.31	0.22	0.04	-0.11		
AKWESSNE_115KV_BK 355683	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	37.37	34.62	34.14	34.69	35.08	38.29	47.55	51.23	50.84	43.51	41.15	35.58	34.29	34.25	33.10	32.59	33.37	37.64	44.50	55.48	51.77	44.67	39.35	37.24		
	-0.30	-0.10	-0.10	-0.07	0.00	0.00	0.09	0.05	0.20	0.13	0.08	0.00	0.00	0.03	0.03	0.03	0.17	0.26	0.18	0.22	0.26	0.22	0.27	0.30		
ALBANY_1_SOLAR 323833	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	38.80	35.73	35.31	35.80	35.96	39.02	48.50	52.41	51.60	44.07	41.53	35.90	34.70	34.62	33.47	33.01	33.67	38.02	45.56	56.97	53.05	45.73	40.09	37.83		
	1.13	1.01	1.06	1.04	0.88	0.73	1.04	1.23	0.96	0.69	0.45	0.32	0.41	0.41	0.40	0.46	0.46	0.63	1.24	1.71	1.54	1.29	1.01	0.89		
ALBANY_2_SOLAR 323834	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	38.77	35.73	35.27	35.80	35.96	38.98	48.50	52.41	51.60	44.07	41.53	35.90	34.70	34.62	33.47	33.01	33.67	38.02	45.56	56.91	53.05	45.73	40.09	37.83		
	1.09	1.01	1.03	1.04	0.88	0.69	1.04	1.23	0.96	0.69	0.45	0.32	0.41	0.41	0.40	0.46	0.46	0.63	1.24	1.66	1.54	1.29	1.01	0.89		
ALBANY___1 23571	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	38.01	35.00	34.55	35.04	35.18	38.25	47.51	51.44	50.74	43.55	41.20	35.69	34.53	34.52	33.37	32.88	33.54	37.57	44.68	55.64	51.82	44.67	39.11	36.83		
	0.34	0.28	0.31	0.28	0.11	-0.04	0.05	0.26	0.10	0.17	0.12	0.11	0.24	0.31	0.30	0.33	0.33	0.19	0.35	0.39	0.31	0.22	0.04	-0.11		

ALBANY___2 23572	38.01 0.34 0.00	35.00 0.28 0.00	34.55 0.31 0.00	35.04 0.28 0.00	35.18 0.11 0.00	38.25 -0.04 0.00	47.51 0.05 0.00	51.44 0.26 0.00	50.74 0.10 0.00	43.55 0.17 0.00	41.20 0.12 0.00	35.69 0.11 0.00	34.53 0.24 0.00	34.52 0.31 0.00	33.37 0.30 0.00	32.88 0.33 0.00	33.54 0.33 0.00	37.57 0.19 0.00	44.68 0.35 0.00	55.64 0.39 0.00	51.82 0.31 0.00	44.67 0.22 0.00	39.11 0.04 0.00	36.83 -0.11 0.00
ALBANY___3 23573	38.01 0.34 0.00	35.00 0.28 0.00	34.55 0.31 0.00	35.04 0.28 0.00	35.18 0.11 0.00	38.25 -0.04 0.00	47.51 0.05 0.00	51.44 0.26 0.00	50.74 0.10 0.00	43.55 0.17 0.00	41.20 0.12 0.00	35.69 0.11 0.00	34.53 0.24 0.00	34.52 0.31 0.00	33.37 0.30 0.00	32.88 0.33 0.00	33.54 0.33 0.00	37.57 0.19 0.00	44.68 0.35 0.00	55.64 0.39 0.00	51.82 0.31 0.00	44.67 0.22 0.00	39.11 0.04 0.00	36.83 -0.11 0.00
ALBANY___4 23574	38.01 0.34 0.00	35.00 0.28 0.00	34.55 0.31 0.00	35.04 0.28 0.00	35.18 0.11 0.00	38.25 -0.04 0.00	47.51 0.05 0.00	51.44 0.26 0.00	50.74 0.10 0.00	43.55 0.17 0.00	41.20 0.12 0.00	35.69 0.11 0.00	34.53 0.24 0.00	34.52 0.31 0.00	33.37 0.30 0.00	32.88 0.33 0.00	33.54 0.33 0.00	37.57 0.19 0.00	44.68 0.35 0.00	55.64 0.39 0.00	51.82 0.31 0.00	44.67 0.22 0.00	39.11 0.04 0.00	36.83 -0.11 0.00
ALBANY___LFGE 323615	38.31 0.64 0.00	35.28 0.55 0.00	34.82 0.58 0.00	35.35 0.59 0.00	35.47 0.39 0.00	38.48 0.19 0.00	47.93 0.47 0.00	51.84 0.66 0.00	51.30 0.66 0.00	43.98 0.61 0.00	41.61 0.53 0.00	36.01 0.43 0.00	34.83 0.55 0.00	34.79 0.58 0.00	33.63 0.56 0.00	33.14 0.59 0.00	33.77 0.56 0.00	37.91 0.52 0.00	45.21 0.89 0.00	56.36 1.10 0.00	52.49 0.98 0.00	45.25 0.80 0.00	39.58 0.51 0.00	37.39 0.44 0.00
ALCOA_PA_115KV_PL-6C 55860	37.45 -0.23 0.00	34.72 0.00 0.00	34.24 0.00 0.00	34.79 0.03 0.00	35.18 0.11 0.00	38.41 0.11 0.00	47.70 0.24 0.00	51.39 0.20 0.00	50.99 0.35 0.00	43.64 0.26 0.00	41.24 0.16 0.00	35.65 0.07 0.00	34.36 0.07 0.00	34.28 0.07 0.00	33.17 0.10 0.00	32.62 0.07 0.00	33.47 0.27 0.00	37.76 0.37 0.00	44.64 0.31 0.00	55.64 0.39 0.00	51.97 0.46 0.00	44.85 0.40 0.00	39.51 0.43 0.00	37.35 0.41 0.00
ALCOA_RYNLDS___DRP 24188	37.45 -0.23 0.00	34.72 0.00 0.00	34.24 0.00 0.00	34.79 0.03 0.00	35.18 0.11 0.00	38.41 0.11 0.00	47.70 0.24 0.00	51.39 0.20 0.00	50.99 0.35 0.00	43.64 0.26 0.00	41.24 0.16 0.00	35.65 0.07 0.00	34.36 0.07 0.00	34.28 0.07 0.00	33.17 0.10 0.00	32.62 0.07 0.00	33.47 0.27 0.00	37.76 0.37 0.00	44.64 0.31 0.00	55.64 0.39 0.00	51.97 0.46 0.00	44.85 0.40 0.00	39.51 0.43 0.00	37.35 0.41 0.00
ALCOA___DSASP 323711	37.45 -0.22 0.00	34.69 -0.03 0.00	34.24 0.00 0.00	34.79 0.03 0.00	35.18 0.11 0.00	38.41 0.12 0.00	47.70 0.24 0.00	51.39 0.21 0.00	51.00 0.36 0.00	43.64 0.26 0.00	41.24 0.16 0.00	35.65 0.07 0.00	34.36 0.07 0.00	34.28 0.07 0.00	33.17 0.10 0.00	32.62 0.07 0.00	33.47 0.26 0.00	37.76 0.37 0.00	44.68 0.35 0.00	55.64 0.39 0.00	51.97 0.46 0.00	44.84 0.40 0.00	39.55 0.47 0.00	37.39 0.44 0.00
ALLEGHENY___COGEN 23514	40.95 3.28 0.00	37.60 2.88 0.00	36.92 2.67 0.00	37.61 2.85 0.00	38.34 3.26 0.00	42.54 4.25 0.00	52.06 4.60 0.00	55.58 4.40 0.00	53.63 2.99 0.00	45.16 1.78 0.00	42.55 1.48 0.00	36.72 1.14 0.00	34.94 0.65 0.00	34.76 0.55 0.00	33.60 0.53 0.00	32.59 0.03 0.00	33.24 0.03 0.00	37.65 0.26 0.00	45.52 1.20 0.00	57.47 2.21 0.00	53.83 2.32 0.00	46.27 1.82 0.00	40.75 1.68 0.00	38.61 1.66 0.00
ALTAMONT_115KV_TB 2 55880	39.14 1.47 0.00	36.01 1.28 0.00	35.51 1.27 0.00	36.08 1.32 0.00	36.27 1.19 0.00	39.55 1.26 0.00	49.26 1.80 0.00	53.23 2.05 0.00	52.46 1.82 0.00	44.77 1.39 0.00	42.26 1.19 0.00	36.58 1.00 0.00	35.25 0.96 0.00	35.17 0.96 0.00	33.99 0.93 0.00	33.27 0.72 0.00	33.94 0.73 0.00	38.17 0.79 0.00	45.34 1.02 0.00	56.53 1.27 0.00	52.64 1.13 0.00	45.38 0.93 0.00	39.78 0.70 0.00	37.39 0.44 0.00
ALTONA_WT_PWR 323606	36.50 -1.17 0.00	33.92 -0.80 0.00	33.52 -0.72 0.00	34.17 -0.59 0.00	34.66 -0.42 0.00	38.02 -0.27 0.00	47.36 -0.09 0.00	51.13 -0.05 0.00	50.69 0.05 0.00	43.25 -0.13 0.00	40.83 -0.24 0.00	35.26 -0.32 0.00	33.98 -0.31 0.00	33.97 -0.24 0.00	32.94 -0.13 0.00	32.52 -0.03 0.00	33.47 0.26 0.00	37.91 0.52 0.00	44.95 0.62 0.00	56.08 0.83 0.00	52.54 1.03 0.00	45.38 0.93 0.00	40.01 0.94 0.00	37.83 0.89 0.00
AMERICAN_REF_FUEL 24010	38.01 0.34 0.00	34.86 0.14 0.00	34.00 -0.24 0.00	34.44 -0.31 0.00	35.43 0.35 0.00	39.40 1.11 0.00	47.79 0.33 0.00	50.36 -0.82 0.00	48.97 -1.67 0.00	42.21 -1.17 0.00	40.37 -0.70 0.00	35.19 -0.39 0.00	33.57 -0.72 0.00	33.49 -0.72 0.00	32.37 -0.70 0.00	31.74 -0.81 0.00	32.01 -1.19 0.00	35.74 -1.64 0.00	42.38 -1.95 0.00	53.21 -2.04 0.00	49.66 -1.85 0.00	42.80 -1.64 0.00	38.02 -1.05 0.00	36.50 -0.44 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	39.78 2.11 0.00	36.63 1.91 0.00	35.79 1.54 0.00	36.36 1.60 0.00	37.33 2.25 0.00	41.54 3.25 0.00	50.92 3.46 0.00	53.94 2.76 0.00	52.61 1.97 0.00	45.07 1.69 0.00	42.96 1.89 0.00	37.33 1.74 0.00	35.52 1.23 0.00	35.44 1.23 0.00	34.22 1.16 0.00	33.50 0.94 0.00	33.91 0.70 0.00	37.91 0.52 0.00	45.03 0.71 0.00	56.58 1.32 0.00	52.54 1.03 0.00	44.98 0.54 0.00	39.51 0.43 0.00	37.50 0.55 0.00
ARTHUR KILL_GT_1 23520	53.20 2.22 -13.31	43.60 1.94 -6.93	36.00 1.75 -0.01	36.40 1.63 -0.01	36.49 1.40 -0.01	39.79 1.49 -0.01	53.23 2.51 -3.26	54.21 3.02 -0.01	56.37 3.14 -2.59	55.10 2.99 -8.74	54.64 3.00 -10.57	53.88 2.70 -15.59	53.84 2.57 -16.98	53.84 2.60 -17.03	53.83 2.45 -18.32	54.98 2.57 -19.86	55.23 2.46 -19.56	55.28 2.81 -15.09	57.05 3.33 -9.40	58.69 3.43 -0.01	57.78 3.50 -2.76	57.10 3.06 -9.59	53.21 2.42 -11.71	52.54 1.81 -13.79
ARTHUR_KILL_2 23512	53.09 2.11 -13.31	43.49 1.84 -6.93	35.89 1.64 -0.01	36.29 1.53 -0.01	36.42 1.33 -0.01	39.72 1.42 -0.01	53.09 2.37 -3.26	54.05 2.86 -0.01	56.27 3.04 -2.59	55.02 2.91 -8.74	54.51 2.87 -10.57	53.77 2.60 -15.59	53.77 2.50 -16.98	53.77 2.53 -17.03	53.77 2.38 -18.32	54.92 2.51 -19.86	55.16 2.39 -19.56	55.17 2.69 -15.09	56.92 3.19 -9.40	58.52 3.26 -0.01	57.62 3.35 -2.76	56.92 2.89 -9.59	53.09 2.30 -11.71	52.47 1.74 -13.79
ARTHUR_KILL_3 23513	52.56 1.58 -13.30	42.96 1.32 -6.92	35.37 1.13 0.00	35.77 1.01 0.00	35.85 0.77 0.00	39.17 0.88 0.00	52.56 1.85 -3.25	53.59 2.41 0.00	55.75 2.53 -2.58	54.53 2.43 -8.73	54.01 2.38 -10.56	53.34 2.17 -15.58	53.39 2.13 -16.97	53.35 2.12 -17.02	53.40 2.02 -18.31	54.55 2.15 -19.85	54.82 2.06 -19.55	54.79 2.32 -15.09	56.47 2.75 -9.39	58.24 2.98 0.00	56.99 2.73 -2.76	56.38 2.35 -9.58	52.54 1.76 -11.70	51.91 1.18 -13.78

ARTHUR_KILL_COGEN 323718	53.20 2.22 -13.31	43.60 1.94 -6.93	36.00 1.75 -0.01	36.40 1.63 -0.01	36.49 1.40 -0.01	39.79 1.49 -0.01	53.23 2.51 -3.26	54.21 3.02 -0.01	56.37 3.14 -2.59	55.10 2.99 -8.74	54.64 3.00 -10.57	53.88 2.70 -15.59	53.84 2.57 -16.98	53.84 2.60 -17.03	53.83 2.45 -18.32	54.98 2.57 -19.86	55.23 2.46 -19.56	55.28 2.81 -15.09	57.05 3.33 -9.40	58.69 3.43 -0.01	57.78 3.50 -2.76	57.10 3.06 -9.59	53.21 2.42 -11.71	52.54 1.81 -13.79
ASHOKAN____ 23654	39.59 1.92 0.00	36.39 1.67 0.00	35.82 1.58 0.00	36.22 1.46 0.00	36.41 1.33 0.00	39.44 1.15 0.00	49.26 1.80 0.00	53.18 1.99 0.00	51.85 1.21 0.00	44.50 1.13 0.00	41.98 0.90 0.00	36.26 0.67 0.00	34.94 0.65 0.00	34.83 0.62 0.00	33.83 0.76 0.00	33.37 0.81 0.00	34.00 0.80 0.00	38.50 1.12 0.00	46.01 1.68 0.00	58.02 2.76 0.00	53.67 2.16 0.00	46.36 1.91 0.00	40.64 1.56 0.00	38.38 1.44 0.00
ASTORIA_EAST_ENERGY_CC1 323581	39.71 2.03 -0.01	36.47 1.74 -0.01	35.79 1.54 0.00	36.15 1.39 0.00	36.20 1.12 0.00	39.40 1.11 0.00	49.40 1.95 0.01	53.73 2.56 0.01	53.36 2.73 0.01	46.02 2.65 0.01	43.61 2.55 0.01	37.89 2.31 0.01	36.51 2.23 0.01	36.46 2.26 0.01	35.18 2.12 0.01	34.86 2.31 0.01	35.36 2.16 0.01	39.80 2.43 0.01	47.20 2.88 0.01	58.34 3.09 0.01	54.44 2.93 0.01	46.92 2.49 0.01	40.94 1.88 0.01	38.42 1.48 0.00
ASTORIA_EAST_ENERGY_CC2 323582	39.71 2.03 -0.01	36.47 1.74 -0.01	35.79 1.54 0.00	36.15 1.39 0.00	36.20 1.12 0.00	39.40 1.11 0.00	49.40 1.95 0.01	53.73 2.56 0.01	53.36 2.73 0.01	46.02 2.65 0.01	43.61 2.55 0.01	37.89 2.31 0.01	36.51 2.23 0.01	36.46 2.26 0.01	35.18 2.12 0.01	34.86 2.31 0.01	35.36 2.16 0.01	39.80 2.43 0.01	47.20 2.88 0.01	58.34 3.09 0.01	54.44 2.93 0.01	46.92 2.49 0.01	40.94 1.88 0.01	38.42 1.48 0.00
ASTORIA_GT2_1 24094	39.75 2.07 -0.01	36.50 1.77 -0.01	35.82 1.58 0.00	36.18 1.43 0.00	36.24 1.16 0.00	39.55 1.26 0.00	49.50 2.04 0.00	53.95 2.76 0.00	53.42 2.79 0.00	46.02 2.65 0.00	43.66 2.59 0.00	37.90 2.31 0.00	36.51 2.23 0.01	36.44 2.22 0.00	35.22 2.15 0.00	34.83 2.28 0.00	35.37 2.16 0.00	39.81 2.43 0.00	46.94 2.62 0.00	57.96 2.71 0.00	54.24 2.73 0.00	46.71 2.27 0.00	40.79 1.72 0.00	38.31 1.37 0.00
ASTORIA_GT2_2 24095	39.75 2.07 -0.01	36.50 1.77 -0.01	35.82 1.58 0.00	36.18 1.43 0.00	36.24 1.16 0.00	39.55 1.26 0.00	49.50 2.04 0.00	53.95 2.76 0.00	53.42 2.79 0.00	46.02 2.65 0.00	43.66 2.59 0.00	37.90 2.31 0.00	36.51 2.23 0.01	36.44 2.22 0.00	35.22 2.15 0.00	34.83 2.28 0.00	35.37 2.16 0.00	39.81 2.43 0.00	46.94 2.62 0.00	57.96 2.71 0.00	54.24 2.73 0.00	46.71 2.27 0.00	40.79 1.72 0.00	38.31 1.37 0.00
ASTORIA_GT2_3 24096	39.75 2.07 -0.01	36.50 1.77 -0.01	35.82 1.58 0.00	36.18 1.43 0.00	36.24 1.16 0.00	39.55 1.26 0.00	49.50 2.04 0.00	53.95 2.76 0.00	53.42 2.79 0.00	46.02 2.65 0.00	43.66 2.59 0.00	37.90 2.31 0.00	36.51 2.23 0.01	36.44 2.22 0.00	35.22 2.15 0.00	34.83 2.28 0.00	35.37 2.16 0.00	39.81 2.43 0.00	46.94 2.62 0.00	57.96 2.71 0.00	54.24 2.73 0.00	46.71 2.27 0.00	40.79 1.72 0.00	38.31 1.37 0.00
ASTORIA_GT2_4 24097	39.75 2.07 -0.01	36.50 1.77 -0.01	35.82 1.58 0.00	36.18 1.43 0.00	36.24 1.16 0.00	39.55 1.26 0.00	49.50 2.04 0.00	53.95 2.76 0.00	53.42 2.79 0.00	46.02 2.65 0.00	43.66 2.59 0.00	37.90 2.31 0.00	36.51 2.23 0.01	36.44 2.22 0.00	35.22 2.15 0.00	34.83 2.28 0.00	35.37 2.16 0.00	39.81 2.43 0.00	46.94 2.62 0.00	57.96 2.71 0.00	54.24 2.73 0.00	46.71 2.27 0.00	40.79 1.72 0.00	38.31 1.37 0.00
ASTORIA_GT3_1 24098	39.75 2.07 -0.01	36.50 1.77 -0.01	35.82 1.58 0.00	36.18 1.43 0.00	36.24 1.16 0.00	39.55 1.26 0.00	49.50 2.04 0.00	53.95 2.76 0.00	53.42 2.79 0.00	46.02 2.65 0.00	43.66 2.59 0.00	37.90 2.31 0.00	36.51 2.23 0.01	36.44 2.22 0.00	35.22 2.15 0.00	34.83 2.28 0.00	35.37 2.16 0.00	39.81 2.43 0.00	46.94 2.62 0.00	57.96 2.71 0.00	54.24 2.73 0.00	46.71 2.27 0.00	40.79 1.72 0.00	38.31 1.37 0.00
ASTORIA_GT3_2 24099	39.75 2.07 -0.01	36.50 1.77 -0.01	35.82 1.58 0.00	36.18 1.43 0.00	36.24 1.16 0.00	39.55 1.26 0.00	49.50 2.04 0.00	53.95 2.76 0.00	53.42 2.79 0.00	46.02 2.65 0.00	43.66 2.59 0.00	37.90 2.31 0.00	36.51 2.23 0.01	36.44 2.22 0.00	35.22 2.15 0.00	34.83 2.28 0.00	35.37 2.16 0.00	39.81 2.43 0.00	46.94 2.62 0.00	57.96 2.71 0.00	54.24 2.73 0.00	46.71 2.27 0.00	40.79 1.72 0.00	38.31 1.37 0.00
ASTORIA_GT3_3 24100	39.75 2.07 -0.01	36.50 1.77 -0.01	35.82 1.58 0.00	36.18 1.43 0.00	36.24 1.16 0.00	39.55 1.26 0.00	49.50 2.04 0.00	53.95 2.76 0.00	53.42 2.79 0.00	46.02 2.65 0.00	43.66 2.59 0.00	37.90 2.31 0.00	36.51 2.23 0.01	36.44 2.22 0.00	35.22 2.15 0.00	34.83 2.28 0.00	35.37 2.16 0.00	39.81 2.43 0.00	46.94 2.62 0.00	57.96 2.71 0.00	54.24 2.73 0.00	46.71 2.27 0.00	40.79 1.72 0.00	38.31 1.37 0.00
ASTORIA_GT3_4 24101	39.75 2.07 -0.01	36.50 1.77 -0.01	35.82 1.58 0.00	36.18 1.43 0.00	36.24 1.16 0.00	39.55 1.26 0.00	49.50 2.04 0.00	53.95 2.76 0.00	53.42 2.79 0.00	46.02 2.65 0.00	43.66 2.59 0.00	37.90 2.31 0.00	36.51 2.23 0.01	36.44 2.22 0.00	35.22 2.15 0.00	34.83 2.28 0.00	35.37 2.16 0.00	39.81 2.43 0.00	46.94 2.62 0.00	57.96 2.71 0.00	54.24 2.73 0.00	46.71 2.27 0.00	40.79 1.72 0.00	38.31 1.37 0.00
ASTORIA_GT4_1 24102	39.75 2.07 -0.01	36.50 1.77 -0.01	35.82 1.58 0.00	36.18 1.43 0.00	36.24 1.16 0.00	39.55 1.26 0.00	49.50 2.04 0.00	53.95 2.76 0.00	53.42 2.79 0.00	46.02 2.65 0.00	43.66 2.59 0.00	37.90 2.31 0.00	36.51 2.23 0.01	36.44 2.22 0.00	35.22 2.15 0.00	34.83 2.28 0.00	35.37 2.16 0.00	39.81 2.43 0.00	46.94 2.62 0.00	57.96 2.71 0.00	54.24 2.73 0.00	46.71 2.27 0.00	40.79 1.72 0.00	38.31 1.37 0.00
ASTORIA_GT4_2 24103	39.75 2.07 -0.01	36.50 1.77 -0.01	35.82 1.58 0.00	36.18 1.43 0.00	36.24 1.16 0.00	39.55 1.26 0.00	49.50 2.04 0.00	53.95 2.76 0.00	53.42 2.79 0.00	46.02 2.65 0.00	43.66 2.59 0.00	37.90 2.31 0.00	36.51 2.23 0.01	36.44 2.22 0.00	35.22 2.15 0.00	34.83 2.28 0.00	35.37 2.16 0.00	39.81 2.43 0.00	46.94 2.62 0.00	57.96 2.71 0.00	54.24 2.73 0.00	46.71 2.27 0.00	40.79 1.72 0.00	38.31 1.37 0.00
ASTORIA_GT4_3 24104	39.75 2.07 -0.01	36.50 1.77 -0.01	35.82 1.58 0.00	36.18 1.43 0.00	36.24 1.16 0.00	39.55 1.26 0.00	49.50 2.04 0.00	53.95 2.76 0.00	53.42 2.79 0.00	46.02 2.65 0.00	43.66 2.59 0.00	37.90 2.31 0.00	36.51 2.23 0.01	36.44 2.22 0.00	35.22 2.15 0.00	34.83 2.28 0.00	35.37 2.16 0.00	39.81 2.43 0.00	46.94 2.62 0.00	57.96 2.71 0.00	54.24 2.73 0.00	46.71 2.27 0.00	40.79 1.72 0.00	38.31 1.37 0.00

ASTORIA_GT4_4 24105	39.75 2.07 -0.01	36.50 1.77 -0.01	35.82 1.58 0.00	36.18 1.43 0.00	36.24 1.16 0.00	39.55 1.26 0.00	49.50 2.04 0.00	53.95 2.76 0.00	53.42 2.79 0.00	46.02 2.65 0.00	43.66 2.59 0.00	37.90 2.31 0.00	36.51 2.23 0.01	36.44 2.22 0.00	35.22 2.15 0.00	34.83 2.28 0.00	35.37 2.16 0.00	39.81 2.43 0.00	46.94 2.62 0.00	57.96 2.71 0.00	54.24 2.73 0.00	46.71 2.27 0.00	40.79 1.72 0.00	38.31 1.37 0.00
ASTORIA_GT_1 23523	39.79 2.11 -0.01	36.53 1.80 -0.01	35.85 1.61 0.00	36.22 1.46 0.00	36.27 1.19 0.00	39.52 1.22 0.00	49.54 2.09 0.01	53.83 2.66 0.01	53.47 2.83 0.01	46.10 2.73 0.01	43.73 2.67 0.01	37.96 2.38 0.01	36.61 2.33 0.01	36.53 2.33 0.01	35.28 2.22 0.01	34.92 2.38 0.01	35.43 2.23 0.01	39.88 2.50 0.01	47.33 3.02 0.01	58.45 3.20 0.01	54.54 3.04 0.01	47.01 2.58 0.01	41.02 1.95 0.01	38.49 1.55 0.00
ASTORIA_GT_10 24110	39.68 2.00 -0.01	36.47 1.74 -0.01	35.75 1.51 0.00	36.15 1.39 0.00	36.24 1.16 0.00	39.63 1.34 0.00	49.74 2.28 0.00	54.15 2.97 0.00	53.63 2.99 0.00	46.20 2.82 0.00	43.82 2.75 0.00	38.04 2.46 0.00	36.70 2.40 -0.01	36.61 2.39 0.00	35.35 2.28 0.00	34.93 2.38 0.00	35.50 2.29 0.00	39.96 2.58 0.00	47.12 2.79 0.00	58.18 2.93 0.00	54.45 2.94 0.00	46.89 2.44 0.00	40.95 1.88 0.00	38.35 1.40 0.00
ASTORIA_GT_11 24225	39.68 2.00 -0.01	36.47 1.74 -0.01	35.75 1.51 0.00	36.15 1.39 0.00	36.24 1.16 0.00	39.63 1.34 0.00	49.74 2.28 0.00	54.15 2.97 0.00	53.63 2.99 0.00	46.20 2.82 0.00	43.82 2.75 0.00	38.04 2.46 0.00	36.70 2.40 -0.01	36.61 2.39 0.00	35.35 2.28 0.00	34.93 2.38 0.00	35.50 2.29 0.00	39.96 2.58 0.00	47.12 2.79 0.00	58.18 2.93 0.00	54.45 2.94 0.00	46.89 2.44 0.00	40.95 1.88 0.00	38.35 1.40 0.00
ASTORIA_GT_12 24226	39.68 2.00 -0.01	36.47 1.74 -0.01	35.75 1.51 0.00	36.15 1.39 0.00	36.24 1.16 0.00	39.63 1.34 0.00	49.74 2.28 0.00	54.15 2.97 0.00	53.63 2.99 0.00	46.20 2.82 0.00	43.82 2.75 0.00	38.04 2.46 0.00	36.70 2.40 -0.01	36.61 2.39 0.00	35.35 2.28 0.00	34.93 2.38 0.00	35.50 2.29 0.00	39.96 2.58 0.00	47.12 2.79 0.00	58.18 2.93 0.00	54.45 2.94 0.00	46.89 2.44 0.00	40.95 1.88 0.00	38.35 1.40 0.00
ASTORIA_GT_13 24227	39.68 2.00 -0.01	36.47 1.74 -0.01	35.75 1.51 0.00	36.15 1.39 0.00	36.24 1.16 0.00	39.63 1.34 0.00	49.74 2.28 0.00	54.15 2.97 0.00	53.63 2.99 0.00	46.20 2.82 0.00	43.82 2.75 0.00	38.04 2.46 0.00	36.70 2.40 -0.01	36.61 2.39 0.00	35.35 2.28 0.00	34.93 2.38 0.00	35.50 2.29 0.00	39.96 2.58 0.00	47.12 2.79 0.00	58.18 2.93 0.00	54.45 2.94 0.00	46.89 2.44 0.00	40.95 1.88 0.00	38.35 1.40 0.00
ASTORIA_GT_5 24106	39.83 2.15 -0.01	36.57 1.84 -0.01	35.85 1.61 0.00	36.22 1.46 0.00	36.27 1.19 0.00	39.63 1.34 0.00	49.59 2.14 0.00	54.00 2.81 0.00	53.53 2.89 0.00	46.11 2.73 0.00	43.74 2.67 0.00	37.97 2.38 0.00	36.58 2.30 0.01	36.50 2.29 0.00	35.28 2.22 0.00	34.90 2.34 0.00	35.43 2.22 0.00	39.89 2.50 0.00	47.03 2.70 0.00	58.07 2.82 0.00	54.34 2.83 0.00	46.76 2.31 0.00	40.87 1.80 0.00	38.38 1.44 0.00
ASTORIA_GT_7 24107	39.83 2.15 -0.01	36.57 1.84 -0.01	35.85 1.61 0.00	36.22 1.46 0.00	36.27 1.19 0.00	39.63 1.34 0.00	49.59 2.14 0.00	54.00 2.81 0.00	53.53 2.89 0.00	46.11 2.73 0.00	43.74 2.67 0.00	37.97 2.38 0.00	36.58 2.30 0.01	36.50 2.29 0.00	35.28 2.22 0.00	34.90 2.34 0.00	35.43 2.22 0.00	39.89 2.50 0.00	47.03 2.70 0.00	58.07 2.82 0.00	54.34 2.83 0.00	46.76 2.31 0.00	40.87 1.80 0.00	38.38 1.44 0.00
ASTORIA_GT_8 24108	39.83 2.15 -0.01	36.57 1.84 -0.01	35.85 1.61 0.00	36.22 1.46 0.00	36.27 1.19 0.00	39.63 1.34 0.00	49.59 2.14 0.00	54.00 2.81 0.00	53.53 2.89 0.00	46.11 2.73 0.00	43.74 2.67 0.00	37.97 2.38 0.00	36.58 2.30 0.01	36.50 2.29 0.00	35.28 2.22 0.00	34.90 2.34 0.00	35.43 2.22 0.00	39.89 2.50 0.00	47.03 2.70 0.00	58.07 2.82 0.00	54.34 2.83 0.00	46.76 2.31 0.00	40.87 1.80 0.00	38.38 1.44 0.00
ASTORIA___2 24149	39.71 2.03 -0.01	36.47 1.74 -0.01	35.82 1.58 0.00	36.18 1.43 0.00	36.24 1.16 0.00	39.44 1.15 0.00	49.44 1.99 0.01	53.73 2.56 0.01	53.42 2.78 0.01	46.02 2.65 0.01	43.65 2.59 0.01	37.89 2.31 0.01	36.54 2.26 0.01	36.46 2.26 0.01	35.21 2.15 0.01	34.86 2.31 0.01	35.36 2.16 0.01	39.80 2.43 0.01	47.24 2.92 0.01	58.34 3.09 0.01	54.49 2.99 0.01	46.97 2.53 0.01	40.98 1.91 0.01	38.42 1.48 0.00
ASTORIA___3 23516	39.64 1.96 -0.01	36.43 1.70 -0.01	35.75 1.50 0.00	36.15 1.39 0.00	36.24 1.16 0.00	39.52 1.22 0.00	49.69 2.23 0.00	53.99 2.81 0.00	53.63 2.99 0.00	46.20 2.82 0.00	43.82 2.75 0.00	38.07 2.49 0.00	36.69 2.40 -0.01	36.64 2.43 0.00	35.35 2.28 0.00	34.96 2.41 0.00	35.53 2.32 0.00	39.96 2.58 0.00	47.38 3.06 0.00	58.57 3.32 0.00	54.71 3.19 0.00	47.16 2.71 0.00	41.15 2.07 0.00	38.49 1.55 0.00
ASTORIA___4 23517	39.68 2.00 -0.01	36.47 1.74 -0.01	35.75 1.51 0.00	36.15 1.39 0.00	36.24 1.16 0.00	39.63 1.34 0.00	49.74 2.28 0.00	54.15 2.97 0.00	53.63 2.99 0.00	46.20 2.82 0.00	43.82 2.75 0.00	38.04 2.46 0.00	36.70 2.40 -0.01	36.61 2.39 0.00	35.35 2.28 0.00	34.93 2.38 0.00	35.50 2.29 0.00	39.96 2.58 0.00	47.12 2.79 0.00	58.18 2.93 0.00	54.45 2.94 0.00	46.89 2.44 0.00	40.95 1.88 0.00	38.35 1.40 0.00
ASTORIA___5 23518	39.64 1.96 -0.01	36.43 1.70 -0.01	35.75 1.50 0.00	36.15 1.39 0.00	36.24 1.16 0.00	39.52 1.22 0.00	49.69 2.23 0.00	53.99 2.81 0.00	53.63 2.99 0.00	46.20 2.82 0.00	43.82 2.75 0.00	38.07 2.49 0.00	36.69 2.40 -0.01	36.64 2.43 0.00	35.35 2.28 0.00	34.96 2.41 0.00	35.53 2.32 0.00	39.96 2.58 0.00	47.38 3.06 0.00	58.57 3.32 0.00	54.71 3.19 0.00	47.16 2.71 0.00	41.15 2.07 0.00	38.49 1.55 0.00
AST_ENERGY_2_CC3 323677	39.37 1.70 0.00	36.18 1.46 0.00	35.54 1.30 0.00	35.94 1.18 0.00	36.03 0.95 0.00	39.32 1.03 0.00	49.50 2.04 0.00	53.79 2.61 0.00	53.37 2.73 0.00	45.98 2.60 0.00	43.62 2.55 0.00	37.86 2.28 0.00	36.51 2.23 0.00	36.43 2.22 0.00	35.19 2.12 0.00	34.80 2.24 0.00	35.37 2.16 0.00	39.81 2.43 0.00	47.20 2.88 0.00	58.46 3.20 0.00	54.45 2.93 0.00	46.98 2.53 0.00	40.99 1.91 0.00	38.27 1.33 0.00
AST_ENERGY_2_CC4 323678	39.37 1.70 0.00	36.18 1.46 0.00	35.54 1.30 0.00	35.94 1.18 0.00	36.03 0.95 0.00	39.32 1.03 0.00	49.50 2.04 0.00	53.79 2.61 0.00	53.37 2.73 0.00	45.98 2.60 0.00	43.62 2.55 0.00	37.86 2.28 0.00	36.51 2.23 0.00	36.43 2.22 0.00	35.19 2.12 0.00	34.80 2.24 0.00	35.37 2.16 0.00	39.81 2.43 0.00	47.20 2.88 0.00	58.46 3.20 0.00	54.45 2.93 0.00	46.98 2.53 0.00	40.99 1.91 0.00	38.27 1.33 0.00

ATHENS_STG_1 23668	38.62 0.94 0.00	35.55 0.83 0.00	35.10 0.86 0.00	35.56 0.80 0.00	35.74 0.66 0.00	38.79 0.50 0.00	48.50 1.04 0.00	52.51 1.33 0.00	51.91 1.27 0.00	44.59 1.21 0.00	42.22 1.15 0.00	36.62 1.03 0.00	35.38 1.10 0.00	35.31 1.09 0.00	34.13 1.06 0.00	33.63 1.07 0.00	34.24 1.03 0.00	38.54 1.16 0.00	45.83 1.51 0.00	57.02 1.77 0.00	53.05 1.54 0.00	45.78 1.33 0.00	40.05 0.98 0.00	37.64 0.70 0.00
ATHENS_STG_2 23670	38.62 0.94 0.00	35.55 0.83 0.00	35.10 0.86 0.00	35.56 0.80 0.00	35.74 0.66 0.00	38.79 0.50 0.00	48.50 1.04 0.00	52.51 1.33 0.00	51.91 1.27 0.00	44.59 1.21 0.00	42.22 1.15 0.00	36.62 1.03 0.00	35.38 1.10 0.00	35.31 1.09 0.00	34.13 1.06 0.00	33.63 1.07 0.00	34.24 1.03 0.00	38.54 1.16 0.00	45.83 1.51 0.00	57.02 1.77 0.00	53.05 1.54 0.00	45.78 1.33 0.00	40.05 0.98 0.00	37.64 0.70 0.00
ATHENS_STG_3 23677	38.62 0.94 0.00	35.55 0.83 0.00	35.10 0.86 0.00	35.56 0.80 0.00	35.74 0.66 0.00	38.79 0.50 0.00	48.50 1.04 0.00	52.51 1.33 0.00	51.91 1.27 0.00	44.59 1.21 0.00	42.22 1.15 0.00	36.62 1.03 0.00	35.38 1.10 0.00	35.31 1.09 0.00	34.13 1.06 0.00	33.63 1.07 0.00	34.24 1.03 0.00	38.54 1.16 0.00	45.83 1.51 0.00	57.02 1.77 0.00	53.05 1.54 0.00	45.78 1.33 0.00	40.05 0.98 0.00	37.64 0.70 0.00
AUBURN___LFGE 323710	38.24 0.57 0.00	35.17 0.45 0.00	34.65 0.41 0.00	35.21 0.45 0.00	35.68 0.60 0.00	39.06 0.77 0.00	48.26 0.81 0.00	51.95 0.77 0.00	51.25 0.61 0.00	43.72 0.35 0.00	41.44 0.37 0.00	35.90 0.32 0.00	34.49 0.21 0.00	34.38 0.17 0.00	33.17 0.10 0.00	32.65 0.10 0.00	33.21 0.00 0.00	37.42 0.04 0.00	44.59 0.27 0.00	55.64 0.39 0.00	51.87 0.36 0.00	44.80 0.36 0.00	39.43 0.35 0.00	37.35 0.41 0.00
BABYLON_RES_REC 323704	39.71 2.03 0.00	36.18 1.46 0.00	35.65 1.40 0.00	35.97 1.22 0.00	35.96 0.88 0.00	39.21 0.92 0.00	50.07 2.61 0.00	53.99 2.81 0.00	53.89 3.24 -0.01	46.47 3.08 -0.01	43.96 2.87 -0.01	39.28 2.60 -1.10	36.77 2.47 -0.01	36.69 2.46 -0.01	35.19 2.12 0.00	34.87 2.31 0.00	35.53 2.32 0.00	40.09 2.69 -0.01	47.61 3.28 -0.01	58.74 3.48 0.00	54.50 2.99 0.00	47.57 3.11 -0.01	41.50 2.42 0.00	38.46 1.52 0.00
BABYLON___69_KV_BK2 356345	40.05 2.37 0.00	36.70 1.98 0.00	35.92 1.68 0.00	36.22 1.46 0.00	36.17 1.09 0.00	39.63 1.34 0.00	50.73 3.27 0.00	54.66 3.48 0.00	54.30 3.65 -0.01	46.90 3.51 -0.01	44.37 3.29 -0.01	39.65 2.99 -1.07	37.04 2.74 -0.01	36.92 2.70 -0.01	35.42 2.35 0.00	35.06 2.51 0.00	35.77 2.56 0.00	40.35 2.95 -0.01	47.75 3.41 -0.01	58.90 3.65 0.00	54.70 3.19 0.00	47.65 3.20 -0.01	41.50 2.42 0.00	38.57 1.63 0.00
BALL_HILL_WT_PWR 323825	39.37 1.70 0.00	36.18 1.46 0.00	35.34 1.10 0.00	35.87 1.11 0.00	36.80 1.72 0.00	40.93 2.64 0.00	50.07 2.61 0.00	52.97 1.79 0.00	51.65 1.01 0.00	44.29 0.91 0.00	42.26 1.19 0.00	36.72 1.14 0.00	35.01 0.72 0.00	34.93 0.72 0.00	33.76 0.70 0.00	33.07 0.52 0.00	33.47 0.26 0.00	37.46 0.07 0.00	44.55 0.22 0.00	55.92 0.67 0.00	52.03 0.52 0.00	44.62 0.18 0.00	39.35 0.28 0.00	37.57 0.63 0.00
BARON_WINDS___WT_PWR 323822	38.31 0.64 0.00	35.35 0.63 0.00	34.69 0.44 0.00	35.21 0.45 0.00	35.96 0.88 0.00	39.78 1.49 0.00	48.88 1.42 0.00	52.05 0.87 0.00	50.64 0.00 0.00	43.20 -0.17 0.00	40.99 -0.08 0.00	35.58 0.00 0.00	34.08 -0.20 0.00	34.04 -0.17 0.00	32.80 -0.27 0.00	32.26 -0.29 0.00	32.78 -0.43 0.00	36.90 -0.49 0.00	44.28 -0.04 0.00	55.48 0.22 0.00	51.77 0.26 0.00	44.49 0.04 0.00	39.15 0.08 0.00	37.27 0.33 0.00
BARRETT_IC_1 23704	39.56 1.88 0.00	36.15 1.42 0.00	35.58 1.33 0.00	35.94 1.18 0.00	35.92 0.84 0.00	39.21 0.92 0.00	49.78 2.32 0.00	53.74 2.56 0.00	53.48 2.83 -0.01	46.12 2.73 -0.01	43.68 2.59 -0.02	38.80 2.21 -1.01	36.59 2.30 -0.01	36.48 2.26 -0.01	35.15 2.08 0.00	34.80 2.24 0.00	35.40 2.19 0.00	39.97 2.58 -0.01	47.30 2.97 -0.01	58.35 3.09 0.00	54.19 2.68 0.00	47.30 2.85 -0.01	41.34 2.27 0.00	38.38 1.44 0.00
BARRETT_IC_10 23701	39.56 1.88 0.00	36.15 1.42 0.00	35.58 1.33 0.00	35.94 1.18 0.00	35.92 0.84 0.00	39.21 0.92 0.00	49.78 2.32 0.00	53.74 2.56 0.00	53.48 2.83 -0.01	46.12 2.73 -0.01	43.68 2.59 -0.02	38.80 2.21 -1.01	36.59 2.30 -0.01	36.48 2.26 -0.01	35.15 2.08 0.00	34.80 2.24 0.00	35.40 2.19 0.00	39.97 2.58 -0.01	47.30 2.97 -0.01	58.35 3.09 0.00	54.19 2.68 0.00	47.30 2.85 -0.01	41.34 2.27 0.00	38.38 1.44 0.00
BARRETT_IC_11 23702	39.56 1.88 0.00	36.15 1.42 0.00	35.58 1.33 0.00	35.94 1.18 0.00	35.92 0.84 0.00	39.21 0.92 0.00	49.78 2.32 0.00	53.74 2.56 0.00	53.48 2.83 -0.01	46.12 2.73 -0.01	43.68 2.59 -0.02	38.80 2.21 -1.01	36.59 2.30 -0.01	36.48 2.26 -0.01	35.15 2.08 0.00	34.80 2.24 0.00	35.40 2.19 0.00	39.97 2.58 -0.01	47.30 2.97 -0.01	58.35 3.09 0.00	54.19 2.68 0.00	47.30 2.85 -0.01	41.34 2.27 0.00	38.38 1.44 0.00
BARRETT_IC_12 23703	39.56 1.88 0.00	36.15 1.42 0.00	35.58 1.33 0.00	35.94 1.18 0.00	35.92 0.84 0.00	39.21 0.92 0.00	49.78 2.32 0.00	53.74 2.56 0.00	53.48 2.83 -0.01	46.12 2.73 -0.01	43.68 2.59 -0.02	38.80 2.21 -1.01	36.59 2.30 -0.01	36.48 2.26 -0.01	35.15 2.08 0.00	34.80 2.24 0.00	35.40 2.19 0.00	39.97 2.58 -0.01	47.30 2.97 -0.01	58.35 3.09 0.00	54.19 2.68 0.00	47.30 2.85 -0.01	41.34 2.27 0.00	38.38 1.44 0.00
BARRETT_IC_2 23705	39.56 1.88 0.00	36.15 1.42 0.00	35.58 1.33 0.00	35.94 1.18 0.00	35.92 0.84 0.00	39.21 0.92 0.00	49.78 2.32 0.00	53.74 2.56 0.00	53.48 2.83 -0.01	46.12 2.73 -0.01	43.68 2.59 -0.02	38.80 2.21 -1.01	36.59 2.30 -0.01	36.48 2.26 -0.01	35.15 2.08 0.00	34.80 2.24 0.00	35.40 2.19 0.00	39.97 2.58 -0.01	47.30 2.97 -0.01	58.35 3.09 0.00	54.19 2.68 0.00	47.30 2.85 -0.01	41.34 2.27 0.00	38.38 1.44 0.00
BARRETT_IC_3 23706	39.56 1.88 0.00	36.15 1.42 0.00	35.58 1.33 0.00	35.94 1.18 0.00	35.92 0.84 0.00	39.21 0.92 0.00	49.78 2.32 0.00	53.74 2.56 0.00	53.48 2.83 -0.01	46.12 2.73 -0.01	43.68 2.59 -0.02	38.80 2.21 -1.01	36.59 2.30 -0.01	36.48 2.26 -0.01	35.15 2.08 0.00	34.80 2.24 0.00	35.40 2.19 0.00	39.97 2.58 -0.01	47.30 2.97 -0.01	58.35 3.09 0.00	54.19 2.68 0.00	47.30 2.85 -0.01	41.34 2.27 0.00	38.38 1.44 0.00
BARRETT_IC_4 23707	39.56 1.88 0.00	36.15 1.42 0.00	35.58 1.33 0.00	35.94 1.18 0.00	35.92 0.84 0.00	39.21 0.92 0.00	49.78 2.32 0.00	53.74 2.56 0.00	53.48 2.83 -0.01	46.12 2.73 -0.01	43.68 2.59 -0.02	38.80 2.21 -1.01	36.59 2.30 -0.01	36.48 2.26 -0.01	35.15 2.08 0.00	34.80 2.24 0.00	35.40 2.19 0.00	39.97 2.58 -0.01	47.30 2.97 -0.01	58.35 3.09 0.00	54.19 2.68 0.00	47.30 2.85 -0.01	41.34 2.27 0.00	38.38 1.44 0.00

BARRETT_IC_5 23708	39.56 1.88 0.00	36.15 1.42 0.00	35.58 1.33 0.00	35.94 1.18 0.00	35.92 0.84 0.00	39.21 0.92 0.00	49.78 2.32 0.00	53.74 2.56 0.00	53.48 2.83 -0.01	46.12 2.73 -0.01	43.68 2.59 -0.02	38.80 2.21 -1.01	36.59 2.30 -0.01	36.48 2.26 -0.01	35.15 2.08 0.00	34.80 2.24 0.00	35.40 2.19 0.00	39.97 2.58 -0.01	47.30 2.97 -0.01	58.35 3.09 0.00	54.19 2.68 0.00	47.30 2.85 -0.01	41.34 2.27 0.00	38.38 1.44 0.00
BARRETT_IC_6 23709	39.56 1.88 0.00	36.15 1.42 0.00	35.58 1.33 0.00	35.94 1.18 0.00	35.92 0.84 0.00	39.21 0.92 0.00	49.78 2.32 0.00	53.74 2.56 0.00	53.48 2.83 -0.01	46.12 2.73 -0.01	43.68 2.59 -0.02	38.80 2.21 -1.01	36.59 2.30 -0.01	36.48 2.26 -0.01	35.15 2.08 0.00	34.80 2.24 0.00	35.40 2.19 0.00	39.97 2.58 -0.01	47.30 2.97 -0.01	58.35 3.09 0.00	54.19 2.68 0.00	47.30 2.85 -0.01	41.34 2.27 0.00	38.38 1.44 0.00
BARRETT_IC_7 23710	39.59 1.92 0.00	36.32 1.60 0.00	35.58 1.34 0.00	35.94 1.18 0.00	35.92 0.84 0.00	39.36 1.07 0.00	50.07 2.61 0.00	54.00 2.81 0.00	53.48 2.84 -0.01	46.12 2.73 -0.01	43.67 2.59 -0.01	38.80 2.21 -1.01	36.56 2.26 -0.01	36.45 2.22 -0.01	35.12 2.05 0.00	34.77 2.21 0.00	35.40 2.19 0.00	39.93 2.54 -0.01	47.08 2.75 -0.01	58.02 2.76 0.00	53.98 2.47 0.00	47.03 2.58 -0.01	41.07 1.99 0.00	38.23 1.29 0.00
BARRETT_IC_8 23711	39.56 1.88 0.00	36.15 1.42 0.00	35.58 1.33 0.00	35.94 1.18 0.00	35.92 0.84 0.00	39.21 0.92 0.00	49.78 2.32 0.00	53.74 2.56 0.00	53.48 2.83 -0.01	46.12 2.73 -0.01	43.68 2.59 -0.02	38.80 2.21 -1.01	36.59 2.30 -0.01	36.48 2.26 -0.01	35.15 2.08 0.00	34.80 2.24 0.00	35.40 2.19 0.00	39.97 2.58 -0.01	47.30 2.97 -0.01	58.35 3.09 0.00	54.19 2.68 0.00	47.30 2.85 -0.01	41.34 2.27 0.00	38.38 1.44 0.00
BARRETT_IC_9 23700	39.56 1.88 0.00	36.15 1.42 0.00	35.58 1.33 0.00	35.94 1.18 0.00	35.92 0.84 0.00	39.21 0.92 0.00	49.78 2.32 0.00	53.74 2.56 0.00	53.48 2.83 -0.01	46.12 2.73 -0.01	43.68 2.59 -0.02	38.80 2.21 -1.01	36.59 2.30 -0.01	36.48 2.26 -0.01	35.15 2.08 0.00	34.80 2.24 0.00	35.40 2.19 0.00	39.97 2.58 -0.01	47.30 2.97 -0.01	58.35 3.09 0.00	54.19 2.68 0.00	47.30 2.85 -0.01	41.34 2.27 0.00	38.38 1.44 0.00
BARRETT___1 23545	39.56 1.88 0.00	36.15 1.42 0.00	35.58 1.33 0.00	35.94 1.18 0.00	35.92 0.84 0.00	39.21 0.92 0.00	49.78 2.32 0.00	53.74 2.56 0.00	53.48 2.83 -0.01	46.12 2.73 -0.01	43.68 2.59 -0.02	38.80 2.21 -1.01	36.59 2.30 -0.01	36.48 2.26 -0.01	35.15 2.08 0.00	34.80 2.24 0.00	35.40 2.19 0.00	39.97 2.58 -0.01	47.30 2.97 -0.01	58.35 3.09 0.00	54.19 2.68 0.00	47.30 2.85 -0.01	41.34 2.27 0.00	38.38 1.44 0.00
BARRETT___2 23546	39.56 1.88 0.00	36.15 1.42 0.00	35.58 1.33 0.00	35.94 1.18 0.00	35.92 0.84 0.00	39.21 0.92 0.00	49.78 2.32 0.00	53.74 2.56 0.00	53.48 2.83 -0.01	46.12 2.73 -0.01	43.68 2.59 -0.02	38.80 2.21 -1.01	36.59 2.30 -0.01	36.48 2.26 -0.01	35.15 2.08 0.00	34.80 2.24 0.00	35.40 2.19 0.00	39.97 2.58 -0.01	47.30 2.97 -0.01	58.35 3.09 0.00	54.19 2.68 0.00	47.30 2.85 -0.01	41.34 2.27 0.00	38.38 1.44 0.00
BATAVIA__115KV_TB1 55881	39.22 1.54 0.00	36.08 1.35 0.00	35.30 1.06 0.00	35.87 1.11 0.00	36.76 1.68 0.00	40.82 2.53 0.00	49.55 2.09 0.00	52.05 0.87 0.00	50.99 0.35 0.00	43.72 0.35 0.00	41.73 0.66 0.00	36.22 0.64 0.00	34.77 0.48 0.00	34.66 0.44 0.00	33.43 0.36 0.00	32.88 0.33 0.00	33.21 0.00 0.00	37.31 -0.07 0.00	44.50 0.18 0.00	55.97 0.72 0.00	52.13 0.62 0.00	44.98 0.53 0.00	39.78 0.70 0.00	37.87 0.92 0.00
BAYONEEC___CTG1 323682	39.37 1.70 0.00	36.18 1.46 0.00	35.51 1.27 0.00	35.90 1.15 0.00	35.99 0.91 0.00	39.32 1.03 0.00	49.50 2.04 0.00	53.79 2.61 0.00	53.37 2.73 0.00	45.98 2.60 0.00	43.62 2.55 0.00	37.86 2.28 0.00	36.51 2.23 0.00	36.43 2.22 0.00	35.19 2.12 0.00	34.80 2.24 0.00	35.34 2.13 0.00	39.81 2.43 0.00	47.20 2.88 0.00	58.46 3.20 0.00	54.45 2.93 0.00	46.98 2.53 0.00	40.99 1.91 0.00	38.27 1.33 0.00
BAYONEEC___CTG10 323750	39.37 1.70 0.00	36.18 1.46 0.00	35.51 1.27 0.00	35.90 1.15 0.00	35.99 0.91 0.00	39.32 1.03 0.00	49.50 2.04 0.00	53.79 2.61 0.00	53.37 2.73 0.00	45.98 2.60 0.00	43.62 2.55 0.00	37.86 2.28 0.00	36.51 2.23 0.00	36.43 2.22 0.00	35.19 2.12 0.00	34.80 2.24 0.00	35.34 2.13 0.00	39.81 2.43 0.00	47.20 2.88 0.00	58.46 3.20 0.00	54.45 2.93 0.00	46.98 2.53 0.00	40.99 1.91 0.00	38.27 1.33 0.00
BAYONEEC___CTG2 323683	39.37 1.70 0.00	36.18 1.46 0.00	35.51 1.27 0.00	35.90 1.15 0.00	35.99 0.91 0.00	39.32 1.03 0.00	49.50 2.04 0.00	53.79 2.61 0.00	53.37 2.73 0.00	45.98 2.60 0.00	43.62 2.55 0.00	37.86 2.28 0.00	36.51 2.23 0.00	36.43 2.22 0.00	35.19 2.12 0.00	34.80 2.24 0.00	35.34 2.13 0.00	39.81 2.43 0.00	47.20 2.88 0.00	58.46 3.20 0.00	54.45 2.93 0.00	46.98 2.53 0.00	40.99 1.91 0.00	38.27 1.33 0.00
BAYONEEC___CTG3 323684	39.37 1.70 0.00	36.18 1.46 0.00	35.51 1.27 0.00	35.90 1.15 0.00	35.99 0.91 0.00	39.32 1.03 0.00	49.50 2.04 0.00	53.79 2.61 0.00	53.37 2.73 0.00	45.98 2.60 0.00	43.62 2.55 0.00	37.86 2.28 0.00	36.51 2.23 0.00	36.43 2.22 0.00	35.19 2.12 0.00	34.80 2.24 0.00	35.34 2.13 0.00	39.81 2.43 0.00	47.20 2.88 0.00	58.46 3.20 0.00	54.45 2.93 0.00	46.98 2.53 0.00	40.99 1.91 0.00	38.27 1.33 0.00
BAYONEEC___CTG4 323685	39.37 1.70 0.00	36.18 1.46 0.00	35.51 1.27 0.00	35.90 1.15 0.00	35.99 0.91 0.00	39.32 1.03 0.00	49.50 2.04 0.00	53.79 2.61 0.00	53.37 2.73 0.00	45.98 2.60 0.00	43.62 2.55 0.00	37.86 2.28 0.00	36.51 2.23 0.00	36.43 2.22 0.00	35.19 2.12 0.00	34.80 2.24 0.00	35.34 2.13 0.00	39.81 2.43 0.00	47.20 2.88 0.00	58.46 3.20 0.00	54.45 2.93 0.00	46.98 2.53 0.00	40.99 1.91 0.00	38.27 1.33 0.00
BAYONEEC___CTG5 323686	39.37 1.70 0.00	36.18 1.46 0.00	35.51 1.27 0.00	35.90 1.15 0.00	35.99 0.91 0.00	39.32 1.03 0.00	49.50 2.04 0.00	53.79 2.61 0.00	53.37 2.73 0.00	45.98 2.60 0.00	43.62 2.55 0.00	37.86 2.28 0.00	36.51 2.23 0.00	36.43 2.22 0.00	35.19 2.12 0.00	34.80 2.24 0.00	35.34 2.13 0.00	39.81 2.43 0.00	47.20 2.88 0.00	58.46 3.20 0.00	54.45 2.93 0.00	46.98 2.53 0.00	40.99 1.91 0.00	38.27 1.33 0.00
BAYONEEC___CTG6 323687	39.37 1.70 0.00	36.18 1.46 0.00	35.51 1.27 0.00	35.90 1.15 0.00	35.99 0.91 0.00	39.32 1.03 0.00	49.50 2.04 0.00	53.79 2.61 0.00	53.37 2.73 0.00	45.98 2.60 0.00	43.62 2.55 0.00	37.86 2.28 0.00	36.51 2.23 0.00	36.43 2.22 0.00	35.19 2.12 0.00	34.80 2.24 0.00	35.34 2.13 0.00	39.81 2.43 0.00	47.20 2.88 0.00	58.46 3.20 0.00	54.45 2.93 0.00	46.98 2.53 0.00	40.99 1.91 0.00	38.27 1.33 0.00

BAYONEEC___CTG7 323688	39.37 1.70 0.00	36.18 1.46 0.00	35.51 1.27 0.00	35.90 1.15 0.00	35.99 0.91 0.00	39.32 1.03 0.00	49.50 2.04 0.00	53.79 2.61 0.00	53.37 2.73 0.00	45.98 2.60 0.00	43.62 2.55 0.00	37.86 2.28 0.00	36.51 2.23 0.00	36.43 2.22 0.00	35.19 2.12 0.00	34.80 2.24 0.00	35.34 2.13 0.00	39.81 2.43 0.00	47.20 2.88 0.00	58.46 3.20 0.00	54.45 2.93 0.00	46.98 2.53 0.00	40.99 1.91 0.00	38.27 1.33 0.00
BAYONEEC___CTG8 323689	39.37 1.70 0.00	36.18 1.46 0.00	35.51 1.27 0.00	35.90 1.15 0.00	35.99 0.91 0.00	39.32 1.03 0.00	49.50 2.04 0.00	53.79 2.61 0.00	53.37 2.73 0.00	45.98 2.60 0.00	43.62 2.55 0.00	37.86 2.28 0.00	36.51 2.23 0.00	36.43 2.22 0.00	35.19 2.12 0.00	34.80 2.24 0.00	35.34 2.13 0.00	39.81 2.43 0.00	47.20 2.88 0.00	58.46 3.20 0.00	54.45 2.93 0.00	46.98 2.53 0.00	40.99 1.91 0.00	38.27 1.33 0.00
BAYONEEC___CTG9 323749	39.37 1.70 0.00	36.18 1.46 0.00	35.51 1.27 0.00	35.90 1.15 0.00	35.99 0.91 0.00	39.32 1.03 0.00	49.50 2.04 0.00	53.79 2.61 0.00	53.37 2.73 0.00	45.98 2.60 0.00	43.62 2.55 0.00	37.86 2.28 0.00	36.51 2.23 0.00	36.43 2.22 0.00	35.19 2.12 0.00	34.80 2.24 0.00	35.34 2.13 0.00	39.81 2.43 0.00	47.20 2.88 0.00	58.46 3.20 0.00	54.45 2.93 0.00	46.98 2.53 0.00	40.99 1.91 0.00	38.27 1.33 0.00
BEACON___LESR 323632	38.50 0.83 0.00	35.48 0.76 0.00	35.03 0.79 0.00	35.52 0.76 0.00	35.67 0.60 0.00	38.71 0.42 0.00	48.26 0.81 0.00	52.26 1.08 0.00	51.60 0.96 0.00	44.20 0.82 0.00	41.77 0.70 0.00	36.15 0.57 0.00	34.97 0.69 0.00	34.90 0.68 0.00	33.76 0.70 0.00	33.27 0.72 0.00	33.94 0.73 0.00	38.09 0.71 0.00	45.48 1.15 0.00	56.75 1.49 0.00	52.85 1.34 0.00	45.51 1.06 0.00	39.86 0.78 0.00	37.61 0.67 0.00
BEAVER RIVER___HYD 24048	36.43 -1.24 0.00	33.65 -1.08 0.00	33.25 -0.99 0.00	33.82 -0.94 0.00	34.06 -1.02 0.00	37.29 -1.00 0.00	46.37 -1.09 0.00	50.10 -1.08 0.00	49.57 -1.07 0.00	41.99 -1.39 0.00	39.63 -1.44 0.00	34.37 -1.21 0.00	33.09 -1.20 0.00	32.98 -1.23 0.00	31.88 -1.19 0.00	31.45 -1.11 0.00	32.21 -1.00 0.00	36.45 -0.93 0.00	43.57 -0.75 0.00	54.59 -0.66 0.00	50.95 -0.57 0.00	44.04 -0.40 0.00	38.68 -0.39 0.00	36.46 -0.48 0.00
BEEBEE_GT_13 23619	38.39 0.72 0.00	35.28 0.56 0.00	34.62 0.38 0.00	35.14 0.38 0.00	35.85 0.77 0.00	39.63 1.34 0.00	48.50 1.04 0.00	51.59 0.41 0.00	50.79 0.15 0.00	43.55 0.17 0.00	41.44 0.37 0.00	35.94 0.36 0.00	34.42 0.14 0.00	34.31 0.10 0.00	33.13 0.07 0.00	32.59 0.03 0.00	32.98 -0.23 0.00	37.01 -0.37 0.00	44.06 -0.27 0.00	55.14 -0.11 0.00	51.41 -0.10 0.00	44.36 -0.09 0.00	39.15 0.08 0.00	37.24 0.30 0.00
BENSHRST_27_KV_BENSHRST_1 355998	53.43 2.45 -13.31	43.77 2.12 -6.93	36.13 1.88 0.00	36.53 1.77 0.00	36.62 1.54 0.00	40.13 1.84 0.00	53.60 2.89 -3.25	54.82 3.63 0.00	56.87 3.65 -2.58	55.49 3.38 -8.73	54.92 3.29 -10.56	54.08 2.92 -15.58	54.08 2.81 -16.98	54.04 2.81 -17.02	54.09 2.71 -18.31	55.17 2.77 -19.85	55.45 2.69 -19.55	55.50 3.03 -15.09	57.13 3.41 -9.39	58.90 3.65 0.00	57.92 3.66 -2.76	57.05 3.02 -9.58	53.16 2.38 -11.70	52.61 1.88 -13.78
BETHLEHEM___GRP 23843	38.01 0.34 0.00	35.00 0.28 0.00	34.55 0.31 0.00	35.04 0.28 0.00	35.18 0.11 0.00	38.25 -0.04 0.00	47.51 0.05 0.00	51.44 0.26 0.00	50.74 0.10 0.00	43.55 0.17 0.00	41.20 0.12 0.00	35.69 0.11 0.00	34.53 0.24 0.00	34.52 0.31 0.00	33.37 0.30 0.00	32.88 0.33 0.00	33.54 0.33 0.00	37.57 0.19 0.00	44.68 0.35 0.00	55.64 0.39 0.00	51.82 0.31 0.00	44.67 0.22 0.00	39.11 0.04 0.00	36.83 -0.11 0.00
BETHLEHEM___GS1 323560	37.97 0.30 0.00	35.00 0.28 0.00	34.55 0.31 0.00	35.03 0.28 0.00	35.18 0.11 0.00	38.14 -0.15 0.00	47.46 0.00 0.00	51.34 0.15 0.00	50.74 0.10 0.00	43.55 0.17 0.00	41.20 0.12 0.00	35.69 0.11 0.00	34.56 0.27 0.00	34.48 0.27 0.00	33.36 0.30 0.00	32.91 0.36 0.00	33.54 0.33 0.00	37.61 0.23 0.00	44.81 0.49 0.00	55.81 0.55 0.00	51.97 0.46 0.00	44.80 0.35 0.00	39.23 0.16 0.00	37.05 0.11 0.00
BETHLEHEM___GS2 323561	37.97 0.30 0.00	35.00 0.28 0.00	34.55 0.31 0.00	35.03 0.28 0.00	35.18 0.11 0.00	38.14 -0.15 0.00	47.46 0.00 0.00	51.34 0.15 0.00	50.74 0.10 0.00	43.55 0.17 0.00	41.20 0.12 0.00	35.69 0.11 0.00	34.56 0.27 0.00	34.48 0.27 0.00	33.36 0.30 0.00	32.91 0.36 0.00	33.54 0.33 0.00	37.61 0.23 0.00	44.81 0.49 0.00	55.81 0.55 0.00	51.97 0.46 0.00	44.80 0.35 0.00	39.23 0.16 0.00	37.05 0.11 0.00
BETHLEHEM___GS3 323562	37.97 0.30 0.00	35.00 0.28 0.00	34.55 0.31 0.00	35.03 0.28 0.00	35.18 0.11 0.00	38.14 -0.15 0.00	47.46 0.00 0.00	51.34 0.15 0.00	50.74 0.10 0.00	43.55 0.17 0.00	41.20 0.12 0.00	35.69 0.11 0.00	34.56 0.27 0.00	34.48 0.27 0.00	33.36 0.30 0.00	32.91 0.36 0.00	33.54 0.33 0.00	37.61 0.23 0.00	44.81 0.49 0.00	55.81 0.55 0.00	51.97 0.46 0.00	44.80 0.35 0.00	39.23 0.16 0.00	37.05 0.11 0.00
BETHLEHEM___STEEL 23779	38.95 1.28 0.00	35.76 1.04 0.00	34.96 0.72 0.00	35.45 0.70 0.00	36.41 1.33 0.00	40.51 2.22 0.00	49.36 1.90 0.00	51.80 0.61 0.00	50.79 0.15 0.00	43.64 0.26 0.00	41.73 0.66 0.00	36.30 0.71 0.00	34.66 0.38 0.00	34.59 0.38 0.00	33.40 0.33 0.00	32.78 0.23 0.00	33.04 -0.17 0.00	37.01 -0.37 0.00	43.88 -0.44 0.00	55.03 -0.22 0.00	51.25 -0.26 0.00	44.18 -0.27 0.00	39.11 0.04 0.00	37.46 0.52 0.00
BETHLHEM_115KV_TB1 79974	38.09 0.41 0.00	35.10 0.38 0.00	34.62 0.38 0.00	35.11 0.35 0.00	35.29 0.21 0.00	38.37 0.08 0.00	47.65 0.19 0.00	51.59 0.41 0.00	50.89 0.25 0.00	43.68 0.30 0.00	41.32 0.25 0.00	35.80 0.21 0.00	34.63 0.34 0.00	34.62 0.41 0.00	33.46 0.40 0.00	32.98 0.42 0.00	33.61 0.40 0.00	37.72 0.34 0.00	44.81 0.49 0.00	55.81 0.55 0.00	51.97 0.46 0.00	44.80 0.36 0.00	39.23 0.16 0.00	36.94 0.00 0.00
BETHPAGE_CC_5 323564	39.71 2.03 0.00	36.25 1.53 0.00	35.68 1.44 0.00	36.04 1.29 0.00	36.03 0.95 0.00	39.32 1.03 0.00	50.07 2.61 0.00	54.05 2.86 0.00	53.89 3.24 -0.01	46.47 3.08 -0.01	44.00 2.92 -0.01	39.34 2.60 -1.16	36.83 2.54 -0.01	36.72 2.50 -0.01	35.32 2.25 0.00	34.96 2.41 0.00	35.60 2.39 0.00	40.16 2.77 -0.01	47.66 3.33 -0.01	58.84 3.59 0.00	54.60 3.09 0.00	47.57 3.11 -0.01	41.54 2.46 0.00	38.53 1.59 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.95 1.28 0.00	35.80 1.08 0.00	35.00 0.75 0.00	35.49 0.73 0.00	36.45 1.37 0.00	40.55 2.26 0.00	49.45 1.99 0.00	51.85 0.67 0.00	50.89 0.25 0.00	43.72 0.35 0.00	41.77 0.70 0.00	36.33 0.75 0.00	34.70 0.41 0.00	34.62 0.41 0.00	33.40 0.33 0.00	32.81 0.26 0.00	33.08 -0.13 0.00	37.05 -0.34 0.00	43.97 -0.35 0.00	55.14 -0.11 0.00	51.30 -0.21 0.00	44.22 -0.22 0.00	39.11 0.04 0.00	37.50 0.55 0.00

BINGHAMTON___COGEN 23790	38.35 0.68 0.00	35.31 0.59 0.00	34.79 0.55 0.00	35.28 0.52 0.00	35.75 0.67 0.00	39.17 0.88 0.00	48.45 1.00 0.00	52.05 0.87 0.00	52.21 1.57 0.00	44.59 1.21 0.00	42.22 1.15 0.00	36.58 1.00 0.00	35.08 0.79 0.00	35.00 0.79 0.00	33.76 0.69 0.00	33.20 0.65 0.00	33.37 0.17 0.00	37.57 0.19 0.00	44.72 0.40 0.00	55.81 0.55 0.00	52.03 0.52 0.00	44.89 0.44 0.00	39.43 0.35 0.00	37.39 0.44 0.00
BIXINCNT_115KV_LOAD 355685	38.61 0.94 0.00	35.76 1.04 0.00	35.13 0.89 0.00	35.73 0.97 0.00	36.69 1.61 0.00	40.82 2.53 0.00	50.02 2.56 0.00	52.56 1.38 0.00	51.55 0.91 0.00	44.16 0.78 0.00	42.10 1.03 0.00	36.62 1.03 0.00	34.90 0.62 0.00	34.83 0.62 0.00	33.60 0.53 0.00	32.98 0.42 0.00	33.31 0.10 0.00	37.31 -0.07 0.00	44.28 -0.04 0.00	55.42 0.17 0.00	51.51 0.00 0.00	44.27 -0.18 0.00	39.04 -0.04 0.00	37.39 0.44 0.00
BLACK RIVER___HYD 24047	36.84 -0.83 0.00	33.99 -0.73 0.00	33.63 -0.62 0.00	34.20 -0.56 0.00	34.45 -0.63 0.00	37.79 -0.50 0.00	46.79 -0.66 0.00	50.57 -0.61 0.00	49.88 -0.76 0.00	42.08 -1.30 0.00	39.68 -1.40 0.00	34.27 -1.32 0.00	32.98 -1.30 0.00	32.88 -1.33 0.00	31.74 -1.32 0.00	31.32 -1.24 0.00	32.08 -1.13 0.00	36.30 -1.09 0.00	43.53 -0.80 0.00	54.76 -0.50 0.00	51.10 -0.41 0.00	44.22 -0.22 0.00	38.84 -0.23 0.00	36.57 -0.37 0.00
BLACKRVR_115KV_TB2 79977	36.84 -0.83 0.00	33.99 -0.73 0.00	33.63 -0.62 0.00	34.20 -0.56 0.00	34.45 -0.63 0.00	37.75 -0.54 0.00	46.79 -0.66 0.00	50.57 -0.61 0.00	49.88 -0.76 0.00	42.08 -1.30 0.00	39.68 -1.40 0.00	34.27 -1.32 0.00	32.98 -1.30 0.00	32.88 -1.33 0.00	31.74 -1.32 0.00	31.32 -1.24 0.00	32.08 -1.13 0.00	36.30 -1.08 0.00	43.62 -0.71 0.00	54.81 -0.44 0.00	51.10 -0.41 0.00	44.27 -0.18 0.00	38.84 -0.23 0.00	36.61 -0.33 0.00
BLISS_WT_PWR 323608	38.62 0.94 0.00	35.80 1.08 0.00	35.10 0.86 0.00	35.73 0.97 0.00	36.73 1.65 0.00	40.90 2.61 0.00	50.07 2.61 0.00	52.92 1.74 0.00	51.60 0.96 0.00	44.20 0.82 0.00	42.14 1.07 0.00	36.65 1.07 0.00	34.87 0.58 0.00	34.83 0.62 0.00	33.63 0.56 0.00	32.95 0.39 0.00	33.31 0.10 0.00	37.27 -0.11 0.00	44.24 -0.09 0.00	55.42 0.17 0.00	51.61 0.10 0.00	44.22 -0.22 0.00	38.96 -0.12 0.00	37.27 0.33 0.00
BLUESTONE___WT_PWR 323821	39.22 1.55 0.00	36.18 1.46 0.00	35.79 1.54 0.00	36.43 1.67 0.00	36.80 1.72 0.00	40.40 2.10 0.00	50.16 2.70 0.00	54.15 2.97 0.00	53.42 2.78 0.00	45.16 1.78 0.00	42.55 1.48 0.00	36.62 1.03 0.00	35.18 0.89 0.00	35.03 0.82 0.00	33.83 0.76 0.00	33.37 0.81 0.00	34.14 0.93 0.00	38.58 1.20 0.00	46.37 2.04 0.00	58.13 2.87 0.00	54.14 2.63 0.00	46.84 2.40 0.00	41.18 2.11 0.00	38.86 1.92 0.00
BLUE_CIRC_CHEM_DRP 24182	38.58 0.90 0.00	35.52 0.80 0.00	35.10 0.86 0.00	35.59 0.83 0.00	35.78 0.70 0.00	38.90 0.61 0.00	48.31 0.85 0.00	52.20 1.02 0.00	51.45 0.81 0.00	44.03 0.65 0.00	41.61 0.53 0.00	36.01 0.43 0.00	34.77 0.48 0.00	34.73 0.51 0.00	33.56 0.50 0.00	33.07 0.52 0.00	33.74 0.53 0.00	37.98 0.60 0.00	45.26 0.93 0.00	56.47 1.22 0.00	52.59 1.08 0.00	45.38 0.93 0.00	39.78 0.70 0.00	37.46 0.52 0.00
BOC_GAS_DRP 24189	38.35 0.68 0.00	35.31 0.59 0.00	34.86 0.62 0.00	35.35 0.59 0.00	35.54 0.46 0.00	38.64 0.34 0.00	48.08 0.62 0.00	52.05 0.87 0.00	51.35 0.71 0.00	44.07 0.69 0.00	41.73 0.66 0.00	36.15 0.57 0.00	34.94 0.65 0.00	34.90 0.68 0.00	33.73 0.66 0.00	33.24 0.68 0.00	33.87 0.66 0.00	38.06 0.67 0.00	45.21 0.89 0.00	56.30 1.05 0.00	52.39 0.88 0.00	45.20 0.76 0.00	39.58 0.51 0.00	37.24 0.30 0.00
BOONVILLE_115KV_TB1 79983	37.71 0.04 0.00	34.76 0.03 0.00	34.35 0.10 0.00	34.90 0.14 0.00	35.15 0.07 0.00	38.44 0.15 0.00	47.74 0.28 0.00	51.59 0.41 0.00	51.10 0.46 0.00	43.38 0.00 0.00	41.03 -0.04 0.00	35.51 -0.07 0.00	34.22 -0.07 0.00	34.11 -0.10 0.00	32.97 -0.10 0.00	32.49 -0.07 0.00	33.21 0.00 0.00	37.46 0.07 0.00	44.72 0.40 0.00	55.97 0.72 0.00	52.13 0.62 0.00	45.07 0.62 0.00	39.54 0.47 0.00	37.31 0.37 0.00
BORALEX_4TH_BRANCH 23824	39.18 1.51 0.00	36.11 1.39 0.00	35.54 1.30 0.00	36.08 1.32 0.00	36.34 1.26 0.00	39.59 1.30 0.00	49.36 1.90 0.00	53.33 2.15 0.00	52.51 1.87 0.00	45.07 1.69 0.00	42.59 1.52 0.00	36.90 1.32 0.00	35.62 1.34 0.00	35.55 1.33 0.00	34.36 1.29 0.00	33.89 1.33 0.00	34.57 1.36 0.00	38.92 1.53 0.00	46.32 1.99 0.00	57.69 2.43 0.00	53.62 2.11 0.00	46.27 1.82 0.00	40.48 1.41 0.00	37.94 1.00 0.00
BOWLINE___1 23526	38.95 1.28 0.00	35.83 1.11 0.00	35.24 0.99 0.00	35.66 0.90 0.00	35.78 0.70 0.00	38.98 0.69 0.00	48.98 1.52 0.00	53.13 1.94 0.00	52.61 1.97 0.00	45.28 1.91 0.00	42.96 1.89 0.00	37.26 1.67 0.00	35.90 1.61 0.00	35.82 1.61 0.00	34.62 1.55 0.00	34.18 1.63 0.00	34.77 1.56 0.00	39.18 1.79 0.00	46.54 2.22 0.00	57.80 2.54 0.00	53.77 2.26 0.00	46.40 1.95 0.00	40.52 1.45 0.00	37.90 0.96 0.00
BOWLINE___2 23595	38.95 1.28 0.00	35.83 1.11 0.00	35.24 0.99 0.00	35.66 0.90 0.00	35.78 0.70 0.00	38.98 0.69 0.00	48.98 1.52 0.00	53.13 1.94 0.00	52.61 1.97 0.00	45.28 1.91 0.00	42.92 1.85 0.00	37.26 1.67 0.00	35.90 1.61 0.00	35.82 1.61 0.00	34.62 1.55 0.00	34.18 1.63 0.00	34.77 1.56 0.00	39.18 1.79 0.00	46.54 2.22 0.00	57.80 2.54 0.00	53.77 2.26 0.00	46.40 1.95 0.00	40.52 1.45 0.00	37.90 0.96 0.00
BRADY___115KV_TB2 356060	37.45 -0.23 0.00	34.72 0.00 0.00	34.28 0.03 0.00	34.86 0.10 0.00	35.22 0.14 0.00	38.48 0.19 0.00	47.79 0.33 0.00	51.44 0.26 0.00	50.94 0.30 0.00	43.46 0.09 0.00	41.03 -0.04 0.00	35.44 -0.14 0.00	34.12 -0.17 0.00	34.08 -0.14 0.00	32.97 -0.10 0.00	32.46 -0.10 0.00	33.34 0.13 0.00	37.68 0.30 0.00	44.68 0.35 0.00	55.75 0.50 0.00	52.13 0.62 0.00	44.98 0.53 0.00	39.62 0.55 0.00	37.42 0.48 0.00
BRANSCOMB___SOLAR 323811	39.56 1.88 0.00	36.39 1.67 0.00	35.89 1.64 0.00	36.49 1.74 0.00	36.59 1.51 0.00	39.86 1.57 0.00	49.83 2.37 0.00	53.84 2.66 0.00	53.12 2.48 0.00	45.33 1.95 0.00	42.63 1.56 0.00	36.79 1.21 0.00	35.38 1.10 0.00	35.27 1.06 0.00	34.09 1.03 0.00	33.66 1.11 0.00	34.44 1.23 0.00	38.95 1.57 0.00	46.50 2.17 0.00	58.18 2.93 0.00	54.19 2.68 0.00	46.62 2.18 0.00	40.84 1.76 0.00	38.38 1.44 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	39.86 2.19 0.00	36.49 1.77 0.00	35.72 1.47 0.00	36.04 1.29 0.00	35.96 0.88 0.00	39.36 1.07 0.00	50.45 2.99 0.00	54.30 3.12 0.00	53.94 3.29 -0.01	46.64 3.25 -0.01	44.12 3.04 -0.01	39.37 2.78 -1.01	36.83 2.54 -0.01	36.72 2.50 -0.01	35.22 2.15 0.00	34.86 2.31 0.00	35.57 2.36 0.00	40.08 2.69 -0.01	47.44 3.10 -0.01	58.40 3.15 0.00	54.24 2.73 0.00	47.34 2.89 -0.01	41.22 2.15 0.00	38.35 1.40 0.00

BRISTLHL_115KV_TB1 79998	37.45 -0.23 0.00	34.44 -0.28 0.00	33.97 -0.27 0.00	34.48 -0.28 0.00	34.83 -0.25 0.00	38.06 -0.23 0.00	46.98 -0.47 0.00	50.62 -0.56 0.00	49.98 -0.66 0.00	42.77 -0.61 0.00	40.50 -0.58 0.00	35.09 -0.50 0.00	33.77 -0.51 0.00	33.66 -0.55 0.00	32.54 -0.53 0.00	32.03 -0.52 0.00	32.58 -0.63 0.00	36.63 -0.75 0.00	43.57 -0.75 0.00	54.37 -0.88 0.00	50.69 -0.82 0.00	43.78 -0.67 0.00	38.53 -0.55 0.00	36.54 -0.41 0.00
BROOKHAVEN___DRP 24191	39.48 1.81 0.00	36.15 1.42 0.00	35.37 1.13 0.00	35.66 0.90 0.00	35.43 0.35 0.00	38.64 0.34 0.00	49.83 2.37 0.00	53.48 2.30 0.00	53.38 2.73 -0.01	46.42 3.04 -0.01	43.88 2.79 -0.01	39.24 2.67 -0.99	36.56 2.26 -0.01	36.41 2.19 -0.01	34.75 1.69 0.00	34.41 1.86 0.00	35.10 1.89 0.00	39.41 2.02 -0.01	46.68 2.35 -0.01	57.52 2.27 0.00	53.47 1.96 0.00	46.59 2.13 -0.01	40.56 1.48 0.00	37.68 0.74 0.00
BROOKLYN_NAVY_YARD 23515	39.37 1.70 0.00	36.18 1.46 0.00	35.51 1.27 0.00	35.90 1.15 0.00	35.99 0.91 0.00	39.36 1.07 0.00	49.54 2.09 0.00	53.84 2.66 0.00	53.42 2.78 0.00	46.02 2.65 0.00	43.66 2.59 0.00	37.90 2.31 0.00	36.55 2.26 0.00	36.47 2.26 0.00	35.22 2.15 0.00	34.83 2.28 0.00	35.40 2.19 0.00	39.85 2.47 0.00	47.30 2.97 0.00	58.57 3.32 0.00	54.55 3.04 0.00	47.07 2.62 0.00	41.03 1.95 0.00	38.31 1.37 0.00
BROOKLYN___ARMY_DRP 323595	53.28 2.30 -13.31	43.67 2.01 -6.93	36.02 1.78 0.00	36.43 1.67 0.00	36.52 1.44 0.00	39.98 1.68 0.00	53.42 2.71 -3.25	54.61 3.43 0.00	56.62 3.39 -2.58	55.32 3.21 -8.73	54.75 3.12 -10.56	53.94 2.78 -15.58	53.94 2.67 -16.98	53.90 2.67 -17.02	53.96 2.58 -18.31	55.04 2.64 -19.85	55.32 2.56 -19.55	55.35 2.88 -15.09	56.91 3.19 -9.39	58.62 3.37 0.00	57.67 3.40 -2.76	56.87 2.84 -9.58	53.00 2.23 -11.70	52.46 1.74 -13.78
BROOKVLE_69_KV_TB1 55790	39.82 2.15 0.00	36.53 1.81 0.00	35.82 1.58 0.00	36.18 1.43 0.00	36.20 1.12 0.00	39.67 1.38 0.00	50.26 2.80 0.00	54.46 3.28 0.00	54.00 3.34 -0.01	46.47 3.08 -0.01	44.09 3.00 -0.02	39.85 2.63 -1.63	36.87 2.57 -0.01	36.76 2.53 -0.01	35.45 2.38 0.00	35.03 2.47 0.00	35.63 2.42 0.00	40.16 2.77 -0.01	47.49 3.15 -0.01	58.74 3.48 0.00	54.65 3.14 0.00	47.35 2.89 -0.01	41.30 2.23 0.00	38.49 1.55 0.00
BROOME_2_LFGE 323671	38.39 0.71 0.00	35.31 0.59 0.00	34.79 0.55 0.00	35.28 0.52 0.00	35.74 0.66 0.00	39.17 0.88 0.00	48.46 1.00 0.00	52.10 0.92 0.00	52.21 1.57 0.00	44.59 1.21 0.00	42.22 1.15 0.00	36.58 0.99 0.00	35.08 0.79 0.00	34.96 0.75 0.00	33.79 0.73 0.00	33.20 0.65 0.00	33.38 0.17 0.00	37.57 0.19 0.00	44.72 0.40 0.00	55.86 0.61 0.00	52.08 0.57 0.00	44.89 0.44 0.00	39.47 0.39 0.00	37.39 0.44 0.00
BROOME___LFGE 323600	38.39 0.71 0.00	35.31 0.59 0.00	34.79 0.55 0.00	35.28 0.52 0.00	35.74 0.66 0.00	39.17 0.88 0.00	48.46 1.00 0.00	52.10 0.92 0.00	52.21 1.57 0.00	44.59 1.21 0.00	42.22 1.15 0.00	36.58 0.99 0.00	35.08 0.79 0.00	34.96 0.75 0.00	33.79 0.73 0.00	33.20 0.65 0.00	33.38 0.17 0.00	37.57 0.19 0.00	44.72 0.40 0.00	55.86 0.61 0.00	52.08 0.57 0.00	44.89 0.44 0.00	39.47 0.39 0.00	37.39 0.44 0.00
BROWNFLS_115KV_TB_3_5 80003	36.05 -1.62 0.00	33.33 -1.39 0.00	32.94 -1.30 0.00	33.51 -1.25 0.00	33.78 -1.30 0.00	36.95 -1.34 0.00	45.99 -1.47 0.00	49.65 -1.54 0.00	49.17 -1.47 0.00	41.77 -1.60 0.00	39.47 -1.60 0.00	34.12 -1.46 0.00	32.88 -1.41 0.00	32.81 -1.40 0.00	31.71 -1.36 0.00	31.25 -1.30 0.00	32.08 -1.13 0.00	36.26 -1.12 0.00	43.17 -1.15 0.00	54.04 -1.22 0.00	50.43 -1.08 0.00	43.60 -0.84 0.00	38.29 -0.78 0.00	36.13 -0.81 0.00
BROWNSV1_27_KV_LOAD 356125	39.71 2.03 0.00	36.46 1.74 0.00	35.78 1.54 0.00	36.18 1.43 0.00	36.24 1.16 0.00	39.75 1.46 0.00	49.93 2.47 0.00	54.41 3.22 0.00	53.83 3.19 0.00	46.37 2.99 0.00	43.99 2.92 0.00	38.18 2.60 0.00	36.76 2.47 0.00	36.68 2.46 0.00	35.45 2.38 0.00	35.00 2.44 0.00	35.60 2.39 0.00	40.07 2.69 0.00	47.34 3.01 0.00	58.62 3.37 0.00	54.76 3.25 0.00	47.11 2.67 0.00	41.15 2.07 0.00	38.46 1.51 0.00
BURROWS___LYONSDAL 23803	37.33 -0.34 0.00	34.44 -0.28 0.00	34.04 -0.21 0.00	34.58 -0.17 0.00	34.83 -0.25 0.00	38.14 -0.15 0.00	47.36 -0.09 0.00	51.18 0.00 0.00	50.69 0.05 0.00	43.03 -0.35 0.00	40.66 -0.41 0.00	35.26 -0.32 0.00	33.94 -0.34 0.00	33.87 -0.34 0.00	32.70 -0.36 0.00	32.23 -0.33 0.00	32.98 -0.23 0.00	37.23 -0.15 0.00	44.46 0.13 0.00	55.64 0.39 0.00	51.87 0.36 0.00	44.85 0.40 0.00	39.39 0.31 0.00	37.13 0.18 0.00
CAITHNESS_CC_1 323624	39.37 1.70 0.00	35.76 1.04 0.00	35.34 1.10 0.00	35.66 0.90 0.00	35.47 0.39 0.00	38.56 0.27 0.00	49.60 2.14 0.00	53.23 2.05 0.00	53.43 2.78 -0.01	46.38 2.99 -0.01	43.83 2.75 -0.01	39.17 2.60 -0.99	36.63 2.33 -0.01	36.55 2.33 -0.01	34.79 1.72 0.00	34.47 1.92 0.00	35.13 1.93 0.00	39.48 2.09 -0.01	46.99 2.66 -0.01	57.85 2.60 0.00	53.67 2.16 0.00	46.94 2.49 -0.01	40.91 1.84 0.00	37.87 0.92 0.00
CALPINE BETH_PAGE_GT4 24209	39.78 2.11 0.00	36.46 1.74 0.00	35.72 1.47 0.00	36.08 1.32 0.00	36.06 0.98 0.00	39.52 1.23 0.00	50.31 2.85 0.00	54.41 3.22 0.00	53.94 3.29 -0.01	46.47 3.08 -0.01	44.00 2.92 -0.01	39.46 2.63 -1.24	36.80 2.50 -0.01	36.69 2.46 -0.01	35.32 2.25 0.00	34.93 2.38 0.00	35.60 2.39 0.00	40.16 2.77 -0.01	47.44 3.10 -0.01	58.62 3.37 0.00	54.50 2.99 0.00	47.39 2.93 -0.01	41.26 2.19 0.00	38.42 1.48 0.00
CALPINE_BETH_PAGE_GT_4 323586	39.74 2.07 0.00	36.29 1.56 0.00	35.71 1.47 0.00	36.08 1.32 0.00	36.06 0.98 0.00	39.36 1.07 0.00	50.11 2.66 0.00	54.10 2.92 0.00	53.94 3.29 -0.01	46.47 3.08 -0.01	44.00 2.92 -0.01	39.46 2.63 -1.24	36.84 2.54 -0.01	36.75 2.53 -0.01	35.32 2.25 0.00	34.96 2.41 0.00	35.63 2.42 0.00	40.20 2.81 -0.01	47.70 3.37 -0.01	58.96 3.70 0.00	54.65 3.14 0.00	47.61 3.16 -0.01	41.54 2.46 0.00	38.57 1.62 0.00
CALPINE_BP_GT1 23823	39.74 2.07 0.00	36.29 1.56 0.00	35.71 1.47 0.00	36.08 1.32 0.00	36.06 0.98 0.00	39.36 1.07 0.00	50.11 2.66 0.00	54.10 2.92 0.00	53.94 3.29 -0.01	46.47 3.08 -0.01	44.00 2.92 -0.01	39.46 2.63 -1.24	36.84 2.54 -0.01	36.75 2.53 -0.01	35.32 2.25 0.00	34.96 2.41 0.00	35.63 2.42 0.00	40.20 2.81 -0.01	47.70 3.37 -0.01	58.96 3.70 0.00	54.65 3.14 0.00	47.61 3.16 -0.01	41.54 2.46 0.00	38.57 1.62 0.00
CALSPAN___DRP 24200	38.95 1.28 0.00	35.76 1.04 0.00	34.96 0.72 0.00	35.45 0.70 0.00	36.41 1.33 0.00	40.51 2.22 0.00	49.36 1.90 0.00	51.80 0.61 0.00	50.79 0.15 0.00	43.64 0.26 0.00	41.73 0.66 0.00	36.30 0.71 0.00	34.66 0.38 0.00	34.59 0.38 0.00	33.40 0.33 0.00	32.78 0.23 0.00	33.04 -0.17 0.00	37.01 -0.37 0.00	43.88 -0.44 0.00	55.03 -0.22 0.00	51.25 -0.26 0.00	44.18 -0.27 0.00	39.11 0.04 0.00	37.46 0.52 0.00

CALVERTON___SOLAR 323806	39.41 1.73 0.00	35.73 1.01 0.00	35.37 1.13 0.00	35.70 0.94 0.00	35.43 0.35 0.00	38.48 0.19 0.00	49.60 2.14 0.00	53.18 1.99 0.00	53.43 2.78 -0.01	46.51 3.12 -0.01	43.96 2.87 -0.01	39.28 2.70 -0.99	36.70 2.40 -0.01	36.62 2.39 -0.01	34.72 1.65 0.00	34.41 1.85 0.00	35.10 1.89 0.00	39.41 2.02 -0.01	46.90 2.57 -0.01	57.85 2.60 0.00	53.62 2.11 0.00	46.85 2.40 -0.01	40.84 1.76 0.00	37.79 0.85 0.00
CANDIGU_WT_PWR 323617	38.31 0.64 0.00	35.35 0.63 0.00	34.69 0.44 0.00	35.21 0.45 0.00	35.96 0.88 0.00	39.78 1.49 0.00	48.88 1.42 0.00	52.05 0.87 0.00	50.64 0.00 0.00	43.20 -0.17 0.00	40.99 -0.08 0.00	35.58 0.00 0.00	34.08 -0.20 0.00	34.04 -0.17 0.00	32.80 -0.27 0.00	32.26 -0.29 0.00	32.78 -0.43 0.00	36.90 -0.49 0.00	44.28 -0.04 0.00	55.48 0.22 0.00	51.77 0.26 0.00	44.49 0.04 0.00	39.15 0.08 0.00	37.27 0.33 0.00
CARR STREET_E_SYR 24060	37.86 0.19 0.00	34.83 0.10 0.00	34.31 0.07 0.00	34.83 0.07 0.00	35.22 0.14 0.00	38.56 0.27 0.00	47.55 0.10 0.00	51.28 0.10 0.00	50.54 -0.10 0.00	43.29 -0.09 0.00	40.99 -0.08 0.00	35.55 -0.04 0.00	34.18 -0.10 0.00	34.08 -0.14 0.00	32.94 -0.13 0.00	32.39 -0.16 0.00	32.94 -0.27 0.00	37.05 -0.34 0.00	43.97 -0.36 0.00	54.87 -0.38 0.00	51.15 -0.36 0.00	44.14 -0.31 0.00	38.84 -0.23 0.00	36.87 -0.07 0.00
CARTHAGE___PAPER 23857	36.54 -1.13 0.00	33.75 -0.97 0.00	33.35 -0.89 0.00	33.96 -0.80 0.00	34.20 -0.88 0.00	37.48 -0.81 0.00	46.55 -0.90 0.00	50.31 -0.87 0.00	49.73 -0.91 0.00	41.99 -1.39 0.00	39.60 -1.48 0.00	34.27 -1.32 0.00	32.98 -1.30 0.00	32.88 -1.33 0.00	31.81 -1.26 0.00	31.35 -1.20 0.00	32.14 -1.06 0.00	36.37 -1.01 0.00	43.57 -0.75 0.00	54.70 -0.55 0.00	51.00 -0.52 0.00	44.14 -0.31 0.00	38.76 -0.31 0.00	36.50 -0.44 0.00
CASSADAGA_WT_PWR 323784	39.97 2.30 0.00	36.81 2.08 0.00	35.95 1.71 0.00	36.56 1.81 0.00	37.53 2.45 0.00	41.77 3.48 0.00	51.30 3.84 0.00	54.41 3.23 0.00	53.07 2.43 0.00	45.37 2.00 0.00	43.25 2.18 0.00	37.57 1.99 0.00	35.73 1.44 0.00	35.65 1.44 0.00	34.42 1.36 0.00	33.69 1.14 0.00	34.11 0.90 0.00	38.17 0.79 0.00	45.35 1.02 0.00	56.97 1.71 0.00	52.90 1.39 0.00	45.29 0.84 0.00	39.74 0.66 0.00	37.68 0.74 0.00
CE_DUNWOOD___DRP 24194	39.29 1.62 0.00	36.11 1.39 0.00	35.48 1.23 0.00	35.87 1.11 0.00	35.99 0.91 0.00	39.36 1.07 0.00	49.45 1.99 0.00	53.74 2.56 0.00	53.12 2.48 0.00	45.72 2.34 0.00	43.37 2.30 0.00	37.61 2.03 0.00	36.21 1.92 0.00	36.13 1.92 0.00	34.92 1.85 0.00	34.47 1.92 0.00	35.07 1.86 0.00	39.51 2.13 0.00	46.72 2.39 0.00	57.96 2.71 0.00	54.03 2.52 0.00	46.58 2.13 0.00	40.68 1.60 0.00	38.05 1.11 0.00
CE_MILLWOOD___DRP 24193	39.18 1.51 0.00	36.01 1.28 0.00	35.37 1.13 0.00	35.80 1.04 0.00	35.92 0.84 0.00	39.25 0.96 0.00	49.26 1.80 0.00	53.54 2.35 0.00	52.87 2.23 0.00	45.50 2.13 0.00	43.17 2.09 0.00	37.43 1.85 0.00	36.04 1.75 0.00	35.99 1.78 0.00	34.79 1.72 0.00	34.34 1.79 0.00	34.94 1.73 0.00	39.36 1.98 0.00	46.54 2.22 0.00	57.80 2.54 0.00	53.83 2.32 0.00	46.40 1.96 0.00	40.52 1.45 0.00	37.94 1.00 0.00
CE_NYC2_DRP 24202	39.68 2.00 -0.01	36.47 1.74 -0.01	35.75 1.51 0.00	36.15 1.39 0.00	36.24 1.16 0.00	39.67 1.38 0.00	49.78 2.33 0.00	54.20 3.02 0.00	53.68 3.04 0.00	46.24 2.86 0.00	43.87 2.79 0.00	38.07 2.49 0.00	36.70 2.40 -0.01	36.61 2.39 0.00	35.38 2.31 0.00	34.93 2.38 0.00	35.50 2.29 0.00	39.96 2.58 0.00	47.16 2.84 0.00	58.24 2.98 0.00	54.50 2.99 0.00	46.93 2.49 0.00	40.99 1.91 0.00	38.38 1.44 0.00
CE_NYC_DRP 24195	39.48 1.81 0.00	36.28 1.56 0.00	35.58 1.34 0.00	36.01 1.25 0.00	36.06 0.98 0.00	39.52 1.23 0.00	49.64 2.18 0.00	54.05 2.87 0.00	53.53 2.89 0.00	46.11 2.73 0.00	43.74 2.67 0.00	37.97 2.38 0.00	36.58 2.30 0.00	36.50 2.29 0.00	35.25 2.18 0.00	34.83 2.28 0.00	35.40 2.19 0.00	39.85 2.47 0.00	47.07 2.75 0.00	58.24 2.98 0.00	54.40 2.88 0.00	46.85 2.40 0.00	40.91 1.84 0.00	38.23 1.29 0.00
CHAFFEE___LFGE 323603	38.58 0.90 0.00	35.48 0.76 0.00	34.66 0.41 0.00	35.18 0.42 0.00	35.99 0.91 0.00	39.97 1.68 0.00	49.22 1.76 0.00	52.00 0.82 0.00	50.74 0.10 0.00	43.38 0.00 0.00	41.24 0.16 0.00	35.87 0.28 0.00	34.18 -0.10 0.00	34.11 -0.10 0.00	32.94 -0.13 0.00	32.29 -0.26 0.00	32.74 -0.46 0.00	36.75 -0.64 0.00	43.75 -0.58 0.00	54.92 -0.33 0.00	51.20 -0.31 0.00	43.87 -0.58 0.00	38.68 -0.39 0.00	37.16 0.22 0.00
CHATEAUG_35_KV_LOAD 355732	36.32 -1.36 0.00	33.71 -1.01 0.00	33.28 -0.96 0.00	33.92 -0.83 0.00	34.41 -0.67 0.00	37.75 -0.54 0.00	47.03 -0.43 0.00	50.77 -0.41 0.00	50.34 -0.30 0.00	43.03 -0.35 0.00	40.62 -0.45 0.00	35.09 -0.50 0.00	33.81 -0.48 0.00	33.80 -0.41 0.00	32.77 -0.30 0.00	32.36 -0.20 0.00	33.31 0.10 0.00	37.68 0.30 0.00	44.64 0.31 0.00	55.75 0.50 0.00	52.23 0.72 0.00	45.11 0.67 0.00	39.74 0.66 0.00	37.61 0.66 0.00
CHATEAUG_WT_PWR 323614	36.32 -1.35 0.00	33.75 -0.97 0.00	33.32 -0.92 0.00	33.96 -0.80 0.00	34.41 -0.67 0.00	37.75 -0.54 0.00	47.03 -0.43 0.00	50.77 -0.41 0.00	50.34 -0.30 0.00	43.03 -0.35 0.00	40.58 -0.49 0.00	35.09 -0.50 0.00	33.81 -0.48 0.00	33.80 -0.41 0.00	32.77 -0.30 0.00	32.36 -0.19 0.00	33.27 0.07 0.00	37.68 0.30 0.00	44.64 0.31 0.00	55.75 0.50 0.00	52.23 0.72 0.00	45.11 0.67 0.00	39.78 0.70 0.00	37.61 0.67 0.00
CHAT_HIGH_FALL_HYD 323578	36.32 -1.36 0.00	33.71 -1.01 0.00	33.28 -0.96 0.00	33.92 -0.83 0.00	34.41 -0.67 0.00	37.75 -0.54 0.00	47.03 -0.43 0.00	50.77 -0.41 0.00	50.34 -0.30 0.00	43.03 -0.35 0.00	40.62 -0.45 0.00	35.09 -0.50 0.00	33.81 -0.48 0.00	33.80 -0.41 0.00	32.77 -0.30 0.00	32.36 -0.20 0.00	33.31 0.10 0.00	37.68 0.30 0.00	44.64 0.31 0.00	55.75 0.50 0.00	52.23 0.72 0.00	45.11 0.67 0.00	39.74 0.66 0.00	37.61 0.66 0.00
CHAUTAUQUA___LFGE 323629	39.71 2.03 0.00	36.53 1.80 0.00	35.65 1.40 0.00	36.22 1.46 0.00	37.15 2.07 0.00	41.31 3.02 0.00	50.69 3.23 0.00	53.64 2.46 0.00	52.31 1.67 0.00	44.81 1.43 0.00	42.72 1.64 0.00	37.11 1.53 0.00	35.35 1.06 0.00	35.27 1.06 0.00	34.09 1.03 0.00	33.37 0.81 0.00	33.77 0.56 0.00	37.79 0.41 0.00	44.95 0.62 0.00	56.42 1.16 0.00	52.49 0.98 0.00	44.98 0.54 0.00	39.58 0.51 0.00	37.75 0.81 0.00
CHERRYST_13_KV_LD 356241	39.59 1.92 0.00	36.35 1.63 0.00	35.68 1.44 0.00	36.08 1.32 0.00	36.17 1.09 0.00	39.63 1.34 0.00	49.83 2.37 0.00	54.25 3.07 0.00	53.68 3.04 0.00	46.24 2.86 0.00	43.87 2.79 0.00	38.07 2.49 0.00	36.69 2.40 0.00	36.61 2.39 0.00	35.38 2.31 0.00	34.93 2.38 0.00	35.53 2.32 0.00	40.00 2.62 0.00	47.21 2.88 0.00	58.40 3.15 0.00	54.55 3.04 0.00	46.98 2.53 0.00	40.99 1.91 0.00	38.35 1.40 0.00

CHESTROR_138KV_BK263 355645	38.84 1.17 0.00	35.69 0.97 0.00	35.13 0.89 0.00	35.56 0.80 0.00	35.71 0.63 0.00	38.98 0.69 0.00	48.79 1.33 0.00	52.97 1.79 0.00	52.26 1.62 0.00	44.94 1.56 0.00	42.63 1.56 0.00	36.94 1.35 0.00	35.59 1.30 0.00	35.51 1.30 0.00	34.36 1.29 0.00	33.89 1.33 0.00	34.50 1.30 0.00	38.88 1.50 0.00	46.01 1.68 0.00	57.24 1.99 0.00	53.31 1.80 0.00	45.91 1.47 0.00	40.17 1.09 0.00	37.68 0.74 0.00
CH_MIDHUDSON___DRP 24192	39.14 1.47 0.00	35.97 1.25 0.00	35.37 1.13 0.00	35.80 1.04 0.00	35.96 0.88 0.00	39.25 0.96 0.00	49.17 1.71 0.00	53.38 2.20 0.00	52.67 2.03 0.00	45.29 1.91 0.00	42.92 1.85 0.00	37.18 1.60 0.00	35.83 1.54 0.00	35.75 1.54 0.00	34.59 1.52 0.00	34.15 1.60 0.00	34.77 1.56 0.00	39.14 1.76 0.00	46.36 2.04 0.00	57.74 2.49 0.00	53.73 2.21 0.00	46.27 1.82 0.00	40.44 1.37 0.00	37.90 0.96 0.00
CH_MISC_IPPS 23765	39.25 1.58 0.00	36.07 1.35 0.00	35.51 1.27 0.00	35.90 1.15 0.00	36.06 0.98 0.00	39.28 0.99 0.00	49.31 1.85 0.00	53.54 2.36 0.00	52.82 2.18 0.00	45.46 2.08 0.00	43.08 2.01 0.00	37.29 1.71 0.00	35.93 1.65 0.00	35.85 1.64 0.00	34.72 1.65 0.00	34.28 1.72 0.00	34.84 1.63 0.00	39.29 1.91 0.00	46.72 2.39 0.00	58.29 3.04 0.00	54.14 2.63 0.00	46.67 2.22 0.00	40.75 1.68 0.00	38.16 1.22 0.00
CH_RES_BVR_FALLS 23983	36.96 -0.72 0.00	34.17 -0.56 0.00	33.73 -0.51 0.00	34.27 -0.49 0.00	34.62 -0.46 0.00	37.79 -0.50 0.00	46.94 -0.52 0.00	50.67 -0.51 0.00	50.29 -0.35 0.00	43.12 -0.26 0.00	40.83 -0.24 0.00	35.34 -0.25 0.00	34.08 -0.20 0.00	34.01 -0.20 0.00	32.90 -0.16 0.00	32.39 -0.16 0.00	33.14 -0.07 0.00	37.35 -0.04 0.00	44.24 -0.09 0.00	55.09 -0.17 0.00	51.36 -0.15 0.00	44.31 -0.13 0.00	39.00 -0.08 0.00	36.87 -0.07 0.00
CH_RES_NIAGARA 23895	38.35 0.68 0.00	35.17 0.45 0.00	34.35 0.10 0.00	34.79 0.03 0.00	35.78 0.70 0.00	39.90 1.61 0.00	47.84 0.38 0.00	50.06 -1.13 0.00	49.07 -1.57 0.00	42.29 -1.08 0.00	40.50 -0.58 0.00	35.30 -0.28 0.00	33.74 -0.55 0.00	33.66 -0.55 0.00	32.51 -0.56 0.00	31.94 -0.62 0.00	32.11 -1.10 0.00	35.92 -1.46 0.00	42.55 -1.77 0.00	53.27 -1.99 0.00	49.60 -1.91 0.00	42.89 -1.56 0.00	38.10 -0.98 0.00	36.57 -0.37 0.00
CH_RES_SYRACUSE 23985	38.09 0.42 0.00	35.03 0.31 0.00	34.52 0.27 0.00	35.03 0.28 0.00	35.43 0.35 0.00	38.79 0.50 0.00	47.84 0.38 0.00	51.59 0.41 0.00	50.84 0.20 0.00	43.51 0.13 0.00	41.20 0.12 0.00	35.73 0.14 0.00	34.32 0.03 0.00	34.21 0.00 0.00	33.07 0.00 0.00	32.52 -0.03 0.00	33.11 -0.10 0.00	37.23 -0.15 0.00	44.24 -0.09 0.00	55.14 -0.11 0.00	51.46 -0.05 0.00	44.40 -0.04 0.00	39.08 0.00 0.00	37.05 0.11 0.00
CLINTON_WT_PWR 323605	36.32 -1.35 0.00	33.75 -0.97 0.00	33.32 -0.92 0.00	33.96 -0.80 0.00	34.41 -0.67 0.00	37.75 -0.54 0.00	47.03 -0.43 0.00	50.77 -0.41 0.00	50.34 -0.30 0.00	43.03 -0.35 0.00	40.58 -0.49 0.00	35.09 -0.50 0.00	33.81 -0.48 0.00	33.80 -0.41 0.00	32.77 -0.30 0.00	32.36 -0.19 0.00	33.27 0.07 0.00	37.68 0.30 0.00	44.64 0.31 0.00	55.75 0.50 0.00	52.23 0.72 0.00	45.11 0.67 0.00	39.78 0.70 0.00	37.61 0.67 0.00
CLINTON___LFGE 323618	37.00 -0.68 0.00	34.41 -0.31 0.00	33.97 -0.28 0.00	34.65 -0.10 0.00	35.18 0.11 0.00	38.60 0.30 0.00	48.17 0.71 0.00	52.00 0.82 0.00	51.50 0.86 0.00	43.90 0.52 0.00	41.40 0.33 0.00	35.69 0.11 0.00	34.39 0.10 0.00	34.38 0.17 0.00	33.30 0.23 0.00	32.91 0.36 0.00	33.94 0.73 0.00	38.47 1.08 0.00	45.65 1.33 0.00	56.91 1.66 0.00	53.36 1.85 0.00	46.04 1.60 0.00	40.60 1.52 0.00	38.35 1.40 0.00
COBBLENY_34_KV_TB1 80064	38.46 0.79 0.00	35.38 0.66 0.00	34.65 0.41 0.00	35.17 0.42 0.00	36.03 0.95 0.00	39.98 1.68 0.00	49.17 1.71 0.00	51.74 0.56 0.00	50.74 0.10 0.00	43.38 0.00 0.00	41.28 0.21 0.00	35.87 0.28 0.00	34.22 -0.07 0.00	34.11 -0.10 0.00	32.94 -0.13 0.00	32.33 -0.23 0.00	32.71 -0.50 0.00	36.78 -0.60 0.00	43.75 -0.58 0.00	54.81 -0.44 0.00	51.10 -0.41 0.00	43.87 -0.58 0.00	38.65 -0.43 0.00	37.13 0.18 0.00
COFFEEN___115KV_TB3 355620	37.03 -0.64 0.00	34.17 -0.56 0.00	33.76 -0.48 0.00	34.38 -0.38 0.00	34.59 -0.49 0.00	37.95 -0.34 0.00	47.03 -0.43 0.00	50.77 -0.41 0.00	50.08 -0.56 0.00	42.16 -1.21 0.00	39.76 -1.31 0.00	34.30 -1.28 0.00	33.02 -1.27 0.00	32.88 -1.33 0.00	31.78 -1.29 0.00	31.35 -1.20 0.00	32.11 -1.10 0.00	36.37 -1.01 0.00	43.75 -0.58 0.00	55.03 -0.22 0.00	51.36 -0.15 0.00	44.49 0.04 0.00	39.00 -0.08 0.00	36.76 -0.18 0.00
COLDSPRG_115KV_BK1 355956	39.93 2.26 0.00	36.77 2.05 0.00	35.99 1.75 0.00	36.53 1.77 0.00	37.50 2.42 0.00	41.66 3.37 0.00	51.21 3.75 0.00	54.05 2.87 0.00	52.97 2.33 0.00	45.29 1.91 0.00	43.13 2.05 0.00	37.47 1.89 0.00	35.69 1.41 0.00	35.58 1.37 0.00	34.32 1.26 0.00	33.66 1.11 0.00	34.04 0.83 0.00	38.20 0.82 0.00	45.39 1.06 0.00	56.97 1.71 0.00	52.95 1.44 0.00	45.42 0.98 0.00	39.94 0.86 0.00	38.12 1.18 0.00
COLONIE_LFGE___ 323577	38.91 1.24 0.00	35.87 1.14 0.00	35.34 1.10 0.00	35.87 1.11 0.00	36.06 0.98 0.00	39.17 0.88 0.00	48.93 1.47 0.00	52.87 1.69 0.00	52.21 1.57 0.00	44.72 1.35 0.00	42.26 1.19 0.00	36.54 0.96 0.00	35.28 0.99 0.00	35.21 0.99 0.00	34.03 0.96 0.00	33.56 1.01 0.00	34.24 1.03 0.00	38.58 1.20 0.00	46.01 1.68 0.00	57.35 2.10 0.00	53.42 1.91 0.00	46.00 1.55 0.00	40.29 1.21 0.00	37.90 0.96 0.00
COOPERNY_115KV_TB1 80082	38.54 0.87 0.00	35.45 0.73 0.00	34.93 0.68 0.00	35.38 0.63 0.00	35.61 0.53 0.00	38.87 0.57 0.00	48.50 1.04 0.00	52.51 1.33 0.00	51.86 1.22 0.00	44.55 1.17 0.00	42.22 1.15 0.00	36.58 1.00 0.00	35.28 0.99 0.00	35.17 0.96 0.00	34.03 0.96 0.00	33.53 0.98 0.00	34.14 0.93 0.00	38.47 1.08 0.00	45.57 1.24 0.00	56.69 1.44 0.00	52.85 1.34 0.00	45.56 1.11 0.00	39.90 0.82 0.00	37.50 0.55 0.00
COPENHAGEN_WT_PWR 323753	36.88 -0.79 0.00	34.03 -0.69 0.00	33.63 -0.62 0.00	34.20 -0.56 0.00	34.45 -0.63 0.00	37.79 -0.50 0.00	46.79 -0.66 0.00	50.51 -0.67 0.00	49.88 -0.76 0.00	42.12 -1.26 0.00	39.72 -1.35 0.00	34.34 -1.25 0.00	33.02 -1.27 0.00	32.91 -1.30 0.00	31.81 -1.26 0.00	31.35 -1.20 0.00	32.11 -1.10 0.00	36.30 -1.09 0.00	43.53 -0.80 0.00	54.65 -0.61 0.00	51.00 -0.52 0.00	44.14 -0.31 0.00	38.76 -0.31 0.00	36.54 -0.41 0.00
CORNELL_____ 23752	38.77 1.09 0.00	35.69 0.97 0.00	35.17 0.92 0.00	35.73 0.97 0.00	36.17 1.09 0.00	39.63 1.34 0.00	49.07 1.61 0.00	52.82 1.64 0.00	51.96 1.32 0.00	44.24 0.87 0.00	41.85 0.78 0.00	36.22 0.64 0.00	34.77 0.48 0.00	34.66 0.44 0.00	33.46 0.40 0.00	32.98 0.42 0.00	33.61 0.40 0.00	37.91 0.52 0.00	45.30 0.98 0.00	56.58 1.33 0.00	52.80 1.29 0.00	45.60 1.16 0.00	40.05 0.98 0.00	37.94 1.00 0.00

CORONA__69_KV_TB1 355595	39.86 2.19 0.00	36.53 1.81 0.00	35.78 1.54 0.00	36.15 1.39 0.00	36.13 1.05 0.00	39.59 1.30 0.00	50.35 2.89 0.00	54.41 3.22 0.00	53.90 3.24 -0.02	46.43 3.04 -0.02	43.92 2.83 -0.02	39.83 2.49 -1.76	36.81 2.50 -0.02	36.69 2.46 -0.02	35.35 2.28 0.00	34.96 2.41 0.00	35.60 2.39 0.00	40.20 2.80 -0.02	47.44 3.10 -0.02	58.62 3.37 0.00	54.55 3.04 0.00	47.35 2.89 -0.02	41.34 2.27 0.00	38.49 1.55 0.00
CORTLAND__115KV_TB3 80093	38.43 0.75 0.00	35.38 0.66 0.00	34.89 0.65 0.00	35.42 0.66 0.00	35.82 0.74 0.00	39.17 0.88 0.00	48.50 1.04 0.00	52.20 1.02 0.00	51.45 0.81 0.00	43.94 0.56 0.00	41.57 0.49 0.00	36.01 0.43 0.00	34.60 0.31 0.00	34.49 0.27 0.00	33.33 0.26 0.00	32.81 0.26 0.00	33.41 0.20 0.00	37.64 0.26 0.00	44.90 0.58 0.00	56.03 0.77 0.00	52.23 0.72 0.00	45.11 0.67 0.00	39.66 0.59 0.00	37.53 0.59 0.00
COXSACKIE__GT 23611	39.52 1.85 0.00	36.35 1.63 0.00	35.85 1.61 0.00	36.32 1.57 0.00	36.48 1.40 0.00	39.63 1.34 0.00	49.45 1.99 0.00	53.43 2.25 0.00	52.11 1.47 0.00	44.50 1.13 0.00	41.85 0.78 0.00	36.12 0.53 0.00	34.87 0.58 0.00	34.76 0.55 0.00	33.73 0.66 0.00	33.27 0.72 0.00	34.00 0.80 0.00	38.50 1.12 0.00	46.23 1.90 0.00	58.40 3.15 0.00	54.09 2.57 0.00	46.53 2.09 0.00	40.75 1.68 0.00	38.49 1.55 0.00
CPV_VALLEY__CC1 323721	38.58 0.90 0.00	35.48 0.76 0.00	34.93 0.68 0.00	35.35 0.59 0.00	35.53 0.45 0.00	38.71 0.42 0.00	48.46 1.00 0.00	52.51 1.33 0.00	51.95 1.31 0.00	44.68 1.30 0.00	42.35 1.27 0.00	36.72 1.14 0.00	35.42 1.13 0.00	35.34 1.13 0.00	34.16 1.09 0.00	33.69 1.14 0.00	34.30 1.09 0.00	38.65 1.27 0.00	45.88 1.55 0.00	57.08 1.82 0.00	53.05 1.54 0.00	45.78 1.33 0.00	40.05 0.98 0.00	37.57 0.63 0.00
CPV_VALLEY__CC2 323722	38.58 0.90 0.00	35.48 0.76 0.00	34.93 0.68 0.00	35.35 0.59 0.00	35.53 0.45 0.00	38.71 0.42 0.00	48.46 1.00 0.00	52.51 1.33 0.00	51.95 1.31 0.00	44.68 1.30 0.00	42.35 1.27 0.00	36.72 1.14 0.00	35.42 1.13 0.00	35.34 1.13 0.00	34.16 1.09 0.00	33.69 1.14 0.00	34.30 1.09 0.00	38.65 1.27 0.00	45.88 1.55 0.00	57.08 1.82 0.00	53.05 1.54 0.00	45.78 1.33 0.00	40.05 0.98 0.00	37.57 0.63 0.00
CRESCENT__HYD 24018	38.91 1.24 0.00	35.87 1.14 0.00	35.34 1.10 0.00	35.87 1.11 0.00	36.06 0.98 0.00	39.17 0.88 0.00	48.93 1.47 0.00	52.87 1.69 0.00	52.21 1.57 0.00	44.72 1.35 0.00	42.26 1.19 0.00	36.54 0.96 0.00	35.28 0.99 0.00	35.21 0.99 0.00	34.03 0.96 0.00	33.56 1.01 0.00	34.24 1.03 0.00	38.58 1.20 0.00	46.01 1.68 0.00	57.35 2.10 0.00	53.42 1.91 0.00	46.00 1.55 0.00	40.29 1.21 0.00	37.90 0.96 0.00
CRICKET__VALLEY_CC1 323756	38.69 1.02 0.00	35.62 0.90 0.00	35.06 0.82 0.00	35.52 0.76 0.00	35.67 0.60 0.00	38.71 0.42 0.00	48.55 1.09 0.00	52.61 1.43 0.00	52.01 1.37 0.00	44.72 1.35 0.00	42.35 1.27 0.00	36.72 1.14 0.00	35.45 1.17 0.00	35.38 1.16 0.00	34.19 1.12 0.00	33.79 1.24 0.00	34.37 1.16 0.00	38.69 1.31 0.00	46.05 1.73 0.00	57.19 1.93 0.00	53.21 1.70 0.00	45.91 1.46 0.00	40.13 1.06 0.00	37.57 0.63 0.00
CRICKET__VALLEY_CC2 323757	38.69 1.02 0.00	35.62 0.90 0.00	35.06 0.82 0.00	35.52 0.76 0.00	35.67 0.60 0.00	38.71 0.42 0.00	48.55 1.09 0.00	52.61 1.43 0.00	52.01 1.37 0.00	44.72 1.35 0.00	42.35 1.27 0.00	36.72 1.14 0.00	35.45 1.17 0.00	35.38 1.16 0.00	34.19 1.12 0.00	33.79 1.24 0.00	34.37 1.16 0.00	38.69 1.31 0.00	46.05 1.73 0.00	57.19 1.93 0.00	53.21 1.70 0.00	45.91 1.46 0.00	40.13 1.06 0.00	37.57 0.63 0.00
CRICKET__VALLEY_CC3 323758	38.69 1.02 0.00	35.62 0.90 0.00	35.06 0.82 0.00	35.52 0.76 0.00	35.67 0.60 0.00	38.71 0.42 0.00	48.55 1.09 0.00	52.61 1.43 0.00	52.01 1.37 0.00	44.72 1.35 0.00	42.35 1.27 0.00	36.72 1.14 0.00	35.45 1.17 0.00	35.38 1.16 0.00	34.19 1.12 0.00	33.79 1.24 0.00	34.37 1.16 0.00	38.69 1.31 0.00	46.05 1.73 0.00	57.19 1.93 0.00	53.21 1.70 0.00	45.91 1.46 0.00	40.13 1.06 0.00	37.57 0.63 0.00
CRUCIBLE_METL_DRP 24180	38.05 0.38 0.00	35.03 0.31 0.00	34.52 0.27 0.00	35.04 0.28 0.00	35.43 0.35 0.00	38.71 0.42 0.00	47.84 0.38 0.00	51.54 0.36 0.00	50.84 0.20 0.00	43.51 0.13 0.00	41.20 0.12 0.00	35.73 0.14 0.00	34.32 0.03 0.00	34.25 0.03 0.00	33.07 0.00 0.00	32.52 -0.03 0.00	33.11 -0.10 0.00	37.23 -0.15 0.00	44.33 0.00 0.00	55.25 0.00 0.00	51.51 0.00 0.00	44.49 0.04 0.00	39.15 0.08 0.00	37.13 0.18 0.00
DAHOWA__HYDRO 323763	39.67 2.00 0.00	36.49 1.77 0.00	35.99 1.75 0.00	36.60 1.84 0.00	36.69 1.61 0.00	39.97 1.68 0.00	49.97 2.51 0.00	54.10 2.92 0.00	53.32 2.68 0.00	45.46 2.08 0.00	42.80 1.72 0.00	36.86 1.28 0.00	35.45 1.17 0.00	35.34 1.13 0.00	34.16 1.09 0.00	33.69 1.14 0.00	34.47 1.26 0.00	39.03 1.64 0.00	46.63 2.30 0.00	58.35 3.09 0.00	54.34 2.83 0.00	46.75 2.31 0.00	40.99 1.91 0.00	38.49 1.55 0.00
DANC__LFGE 323619	37.00 -0.68 0.00	34.10 -0.62 0.00	33.66 -0.58 0.00	34.20 -0.56 0.00	34.52 -0.56 0.00	37.79 -0.50 0.00	46.75 -0.71 0.00	50.46 -0.72 0.00	49.73 -0.91 0.00	42.21 -1.17 0.00	39.88 -1.19 0.00	34.52 -1.07 0.00	33.19 -1.10 0.00	33.08 -1.13 0.00	31.98 -1.09 0.00	31.51 -1.04 0.00	32.18 -1.03 0.00	36.34 -1.05 0.00	43.35 -0.98 0.00	54.37 -0.89 0.00	50.68 -0.83 0.00	43.82 -0.62 0.00	38.53 -0.55 0.00	36.39 -0.55 0.00
DANSKAMMER__1 23586	39.25 1.58 0.00	36.07 1.35 0.00	35.51 1.27 0.00	35.90 1.15 0.00	36.06 0.98 0.00	39.28 0.99 0.00	49.31 1.85 0.00	53.54 2.36 0.00	52.82 2.18 0.00	45.46 2.08 0.00	43.08 2.01 0.00	37.29 1.71 0.00	35.93 1.65 0.00	35.85 1.64 0.00	34.72 1.65 0.00	34.28 1.72 0.00	34.84 1.63 0.00	39.29 1.91 0.00	46.72 2.39 0.00	58.29 3.04 0.00	54.14 2.63 0.00	46.67 2.22 0.00	40.75 1.68 0.00	38.16 1.22 0.00
DANSKAMMER__2 23589	39.25 1.58 0.00	36.07 1.35 0.00	35.51 1.27 0.00	35.90 1.15 0.00	36.06 0.98 0.00	39.28 0.99 0.00	49.31 1.85 0.00	53.54 2.36 0.00	52.82 2.18 0.00	45.46 2.08 0.00	43.08 2.01 0.00	37.29 1.71 0.00	35.93 1.65 0.00	35.85 1.64 0.00	34.72 1.65 0.00	34.28 1.72 0.00	34.84 1.63 0.00	39.29 1.91 0.00	46.72 2.39 0.00	58.29 3.04 0.00	54.14 2.63 0.00	46.67 2.22 0.00	40.75 1.68 0.00	38.16 1.22 0.00
DANSKAMMER__3 23590	39.25 1.58 0.00	36.07 1.35 0.00	35.51 1.27 0.00	35.90 1.15 0.00	36.06 0.98 0.00	39.28 0.99 0.00	49.31 1.85 0.00	53.54 2.36 0.00	52.82 2.18 0.00	45.46 2.08 0.00	43.08 2.01 0.00	37.29 1.71 0.00	35.93 1.65 0.00	35.85 1.64 0.00	34.72 1.65 0.00	34.28 1.72 0.00	34.84 1.63 0.00	39.29 1.91 0.00	46.72 2.39 0.00	58.29 3.04 0.00	54.14 2.63 0.00	46.67 2.22 0.00	40.75 1.68 0.00	38.16 1.22 0.00

DANSKAMMER___4 23591	39.25 1.58 0.00	36.07 1.35 0.00	35.51 1.27 0.00	35.90 1.15 0.00	36.06 0.98 0.00	39.28 0.99 0.00	49.31 1.85 0.00	53.54 2.36 0.00	52.82 2.18 0.00	45.46 2.08 0.00	43.08 2.01 0.00	37.29 1.71 0.00	35.93 1.65 0.00	35.85 1.64 0.00	34.72 1.65 0.00	34.28 1.72 0.00	34.84 1.63 0.00	39.29 1.91 0.00	46.72 2.39 0.00	58.29 3.04 0.00	54.14 2.63 0.00	46.67 2.22 0.00	40.75 1.68 0.00	38.16 1.22 0.00
DANSKAMMER___DIESEL 23592	39.29 1.62 0.00	36.11 1.39 0.00	35.51 1.27 0.00	35.90 1.15 0.00	36.06 0.98 0.00	39.40 1.11 0.00	49.36 1.90 0.00	53.64 2.46 0.00	52.82 2.18 0.00	45.46 2.08 0.00	43.09 2.01 0.00	37.29 1.71 0.00	35.93 1.65 0.00	35.82 1.61 0.00	34.69 1.62 0.00	34.25 1.69 0.00	34.87 1.66 0.00	39.29 1.91 0.00	46.54 2.22 0.00	58.02 2.76 0.00	53.93 2.42 0.00	46.45 2.00 0.00	40.60 1.52 0.00	38.05 1.11 0.00
DARBY___SOLAR 323810	39.63 1.96 0.00	36.46 1.74 0.00	35.95 1.71 0.00	36.53 1.77 0.00	36.66 1.58 0.00	39.90 1.61 0.00	49.88 2.42 0.00	53.94 2.76 0.00	53.22 2.58 0.00	45.37 2.00 0.00	42.72 1.64 0.00	36.83 1.24 0.00	35.42 1.13 0.00	35.31 1.09 0.00	34.13 1.06 0.00	33.69 1.14 0.00	34.44 1.23 0.00	38.99 1.61 0.00	46.54 2.22 0.00	58.24 2.98 0.00	54.24 2.73 0.00	46.67 2.22 0.00	40.91 1.84 0.00	38.46 1.52 0.00
DASHVILLE___HYD 23610	39.10 1.43 0.00	35.94 1.22 0.00	35.37 1.13 0.00	35.77 1.01 0.00	35.96 0.88 0.00	39.17 0.88 0.00	49.02 1.57 0.00	53.18 2.00 0.00	52.26 1.62 0.00	44.98 1.60 0.00	42.63 1.56 0.00	36.94 1.35 0.00	35.59 1.30 0.00	35.51 1.30 0.00	34.39 1.32 0.00	33.92 1.37 0.00	34.54 1.33 0.00	38.92 1.53 0.00	46.10 1.77 0.00	57.46 2.21 0.00	53.42 1.91 0.00	46.09 1.64 0.00	40.33 1.25 0.00	37.83 0.89 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	39.48 1.81 0.00	36.11 1.39 0.00	35.37 1.13 0.00	35.66 0.90 0.00	35.36 0.28 0.00	38.64 0.34 0.00	50.07 2.61 0.00	53.79 2.61 0.00	53.74 3.09 -0.01	46.81 3.43 -0.01	44.12 3.04 -0.01	39.42 2.85 -0.99	36.52 2.23 -0.01	36.38 2.16 -0.01	34.65 1.59 0.00	34.34 1.79 0.00	35.03 1.83 0.00	39.34 1.94 -0.01	46.68 2.35 -0.01	57.74 2.49 0.00	53.52 2.01 0.00	46.59 2.13 -0.01	40.56 1.48 0.00	37.75 0.81 0.00
DELAWARE___LFGE 323621	38.77 1.09 0.00	35.69 0.97 0.00	35.27 1.03 0.00	35.80 1.04 0.00	36.06 0.98 0.00	39.32 1.03 0.00	48.88 1.42 0.00	52.82 1.64 0.00	52.21 1.57 0.00	44.59 1.21 0.00	42.22 1.15 0.00	36.51 0.93 0.00	35.21 0.93 0.00	35.14 0.92 0.00	33.93 0.86 0.00	33.40 0.85 0.00	34.04 0.83 0.00	38.35 0.97 0.00	45.65 1.33 0.00	56.91 1.66 0.00	53.00 1.49 0.00	45.73 1.29 0.00	40.13 1.06 0.00	37.79 0.85 0.00
DERFIELD_115KV_TB7 355931	37.79 0.11 0.00	34.79 0.07 0.00	34.35 0.10 0.00	34.86 0.10 0.00	35.11 0.04 0.00	38.33 0.04 0.00	47.55 0.09 0.00	51.33 0.15 0.00	50.79 0.15 0.00	43.46 0.09 0.00	41.15 0.08 0.00	35.65 0.07 0.00	34.36 0.07 0.00	34.28 0.07 0.00	33.13 0.07 0.00	32.65 0.10 0.00	33.27 0.07 0.00	37.46 0.07 0.00	44.50 0.18 0.00	55.48 0.22 0.00	51.67 0.15 0.00	44.62 0.18 0.00	39.19 0.12 0.00	36.98 0.04 0.00
DOGLEVILLE___HYD 23807	35.26 -2.41 0.00	32.60 -2.12 0.00	32.29 -1.95 0.00	32.85 -1.91 0.00	33.08 -2.00 0.00	36.18 -2.11 0.00	45.09 -2.37 0.00	48.98 -2.20 0.00	48.56 -2.08 0.00	41.34 -2.04 0.00	39.10 -1.97 0.00	33.88 -1.71 0.00	32.74 -1.54 0.00	32.67 -1.54 0.00	31.61 -1.45 0.00	31.28 -1.27 0.00	32.05 -1.16 0.00	36.22 -1.16 0.00	43.26 -1.06 0.00	54.09 -1.16 0.00	50.48 -1.03 0.00	43.73 -0.71 0.00	38.45 -0.63 0.00	36.24 -0.70 0.00
DUNKIRK___115KV_TB_200 55889	39.52 1.85 0.00	36.35 1.63 0.00	35.58 1.34 0.00	36.15 1.39 0.00	37.08 2.00 0.00	41.24 2.95 0.00	50.54 3.08 0.00	53.18 2.00 0.00	52.16 1.52 0.00	44.72 1.34 0.00	42.63 1.56 0.00	37.04 1.46 0.00	35.35 1.06 0.00	35.24 1.03 0.00	34.03 0.96 0.00	33.37 0.81 0.00	33.71 0.50 0.00	37.79 0.41 0.00	44.90 0.58 0.00	56.30 1.05 0.00	52.33 0.82 0.00	44.93 0.49 0.00	39.54 0.47 0.00	37.72 0.78 0.00
DUNKIRK___1 23563	39.52 1.85 0.00	36.35 1.63 0.00	35.58 1.34 0.00	36.15 1.39 0.00	37.08 2.00 0.00	41.24 2.95 0.00	50.54 3.08 0.00	53.18 2.00 0.00	52.16 1.52 0.00	44.72 1.34 0.00	42.63 1.56 0.00	37.04 1.46 0.00	35.35 1.06 0.00	35.24 1.03 0.00	34.03 0.96 0.00	33.37 0.81 0.00	33.71 0.50 0.00	37.79 0.41 0.00	44.90 0.58 0.00	56.30 1.05 0.00	52.33 0.82 0.00	44.93 0.49 0.00	39.54 0.47 0.00	37.72 0.78 0.00
DUNKIRK___2 23564	39.52 1.85 0.00	36.35 1.63 0.00	35.58 1.34 0.00	36.15 1.39 0.00	37.08 2.00 0.00	41.24 2.95 0.00	50.54 3.08 0.00	53.18 2.00 0.00	52.16 1.52 0.00	44.72 1.34 0.00	42.63 1.56 0.00	37.04 1.46 0.00	35.35 1.06 0.00	35.24 1.03 0.00	34.03 0.96 0.00	33.37 0.81 0.00	33.71 0.50 0.00	37.79 0.41 0.00	44.90 0.58 0.00	56.30 1.05 0.00	52.33 0.82 0.00	44.93 0.49 0.00	39.54 0.47 0.00	37.72 0.78 0.00
DUNKIRK___3 23565	39.26 1.58 0.00	36.11 1.39 0.00	35.34 1.10 0.00	35.87 1.11 0.00	36.80 1.72 0.00	40.89 2.60 0.00	50.07 2.61 0.00	52.67 1.48 0.00	51.70 1.06 0.00	44.29 0.91 0.00	42.26 1.19 0.00	36.76 1.17 0.00	35.08 0.79 0.00	34.96 0.75 0.00	33.76 0.69 0.00	33.11 0.55 0.00	33.44 0.23 0.00	37.53 0.15 0.00	44.55 0.22 0.00	55.86 0.61 0.00	51.92 0.41 0.00	44.62 0.18 0.00	39.35 0.27 0.00	37.57 0.63 0.00
DUNKIRK___4 23566	39.26 1.58 0.00	36.11 1.39 0.00	35.34 1.10 0.00	35.87 1.11 0.00	36.80 1.72 0.00	40.89 2.60 0.00	50.07 2.61 0.00	52.67 1.48 0.00	51.70 1.06 0.00	44.29 0.91 0.00	42.26 1.19 0.00	36.76 1.17 0.00	35.08 0.79 0.00	34.96 0.75 0.00	33.76 0.69 0.00	33.11 0.55 0.00	33.44 0.23 0.00	37.53 0.15 0.00	44.55 0.22 0.00	55.86 0.61 0.00	51.92 0.41 0.00	44.62 0.18 0.00	39.35 0.27 0.00	37.57 0.63 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	39.37 1.70 0.00	36.18 1.46 0.00	35.54 1.30 0.00	35.94 1.18 0.00	36.06 0.98 0.00	39.44 1.15 0.00	49.55 2.09 0.00	53.89 2.71 0.00	53.27 2.63 0.00	45.85 2.47 0.00	43.50 2.42 0.00	37.72 2.14 0.00	36.31 2.02 0.00	36.27 2.05 0.00	35.02 1.95 0.00	34.60 2.05 0.00	35.17 1.96 0.00	39.63 2.24 0.00	46.85 2.53 0.00	58.07 2.82 0.00	54.19 2.68 0.00	46.71 2.27 0.00	40.79 1.72 0.00	38.16 1.22 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.03 1.36 0.00	35.87 1.15 0.00	35.27 1.03 0.00	35.70 0.94 0.00	35.85 0.77 0.00	39.17 0.88 0.00	49.07 1.61 0.00	53.28 2.10 0.00	52.51 1.87 0.00	45.20 1.82 0.00	42.84 1.77 0.00	37.11 1.53 0.00	35.76 1.47 0.00	35.65 1.44 0.00	34.52 1.45 0.00	34.05 1.50 0.00	34.67 1.46 0.00	39.06 1.68 0.00	46.28 1.95 0.00	57.58 2.32 0.00	53.62 2.11 0.00	46.18 1.73 0.00	40.36 1.29 0.00	37.83 0.89 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	39.72 2.03 -0.01	36.47 1.74 -0.01	35.78 1.54 0.00	36.15 1.39 0.00	36.20 1.12 0.00	39.55 1.26 0.00	49.50 2.04 0.00	53.95 2.76 0.00	53.42 2.79 0.00	46.02 2.65 0.00	43.62 2.55 0.00	37.90 2.31 0.00	36.51 2.23 0.01	36.44 2.22 0.00	35.22 2.15 0.00	34.77 2.21 0.00	35.37 2.16 0.00	39.77 2.39 0.00	46.94 2.62 0.00	57.96 2.71 0.00	54.24 2.73 0.00	46.71 2.27 0.00	40.79 1.72 0.00	38.31 1.37 0.00
E179THST_13_KV_LOAD 356214	39.87 2.19 -0.01	36.60 1.87 -0.01	35.92 1.68 0.00	36.29 1.53 0.00	36.34 1.26 0.00	39.71 1.42 0.00	49.69 2.23 0.00	54.15 2.97 0.00	53.63 2.99 0.00	46.20 2.82 0.00	43.82 2.75 0.00	38.07 2.49 0.00	36.68 2.40 0.01	36.61 2.39 0.00	35.35 2.28 0.00	34.93 2.38 0.00	35.50 2.29 0.00	39.96 2.58 0.00	47.16 2.84 0.00	58.24 2.98 0.00	54.50 2.99 0.00	46.93 2.49 0.00	40.95 1.88 0.00	38.46 1.51 0.00
EAST HAMPTON___GT 23717	39.03 1.35 0.00	35.31 0.59 0.00	35.00 0.75 0.00	35.28 0.52 0.00	35.01 -0.07 0.00	38.14 -0.15 0.00	49.60 2.14 0.00	53.33 2.15 0.00	53.58 2.94 -0.01	46.64 3.25 -0.01	43.79 2.71 -0.01	39.10 2.53 -0.99	36.21 1.92 -0.01	36.14 1.91 -0.01	34.26 1.19 0.00	34.02 1.47 0.00	34.64 1.43 0.00	38.96 1.57 -0.01	46.51 2.17 -0.01	57.74 2.49 0.00	53.26 1.75 0.00	46.36 1.91 -0.01	40.56 1.48 0.00	37.72 0.78 0.00
EAST RIVER___6 23660	39.48 1.81 0.00	36.29 1.56 0.00	35.61 1.37 0.00	36.01 1.25 0.00	36.10 1.02 0.00	39.44 1.15 0.00	49.64 2.18 0.00	53.99 2.81 0.00	53.58 2.94 0.00	46.16 2.78 0.00	43.78 2.71 0.00	38.00 2.42 0.00	36.65 2.36 0.00	36.57 2.36 0.00	35.32 2.25 0.00	34.90 2.35 0.00	35.47 2.26 0.00	39.93 2.54 0.00	47.38 3.06 0.00	58.68 3.43 0.00	54.65 3.14 0.00	47.11 2.67 0.00	41.11 2.03 0.00	38.38 1.44 0.00
EAST RIVER___7 23524	39.48 1.81 0.00	36.29 1.56 0.00	35.61 1.37 0.00	36.01 1.25 0.00	36.10 1.02 0.00	39.44 1.15 0.00	49.64 2.18 0.00	53.99 2.81 0.00	53.58 2.94 0.00	46.16 2.78 0.00	43.78 2.71 0.00	38.00 2.42 0.00	36.65 2.36 0.00	36.57 2.36 0.00	35.32 2.25 0.00	34.90 2.35 0.00	35.47 2.26 0.00	39.93 2.54 0.00	47.38 3.06 0.00	58.68 3.43 0.00	54.65 3.14 0.00	47.11 2.67 0.00	41.11 2.03 0.00	38.38 1.44 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.29 1.62 0.00	36.11 1.39 0.00	35.48 1.23 0.00	35.87 1.11 0.00	35.99 0.91 0.00	39.36 1.07 0.00	49.45 1.99 0.00	53.74 2.56 0.00	53.12 2.48 0.00	45.72 2.34 0.00	43.37 2.30 0.00	37.61 2.03 0.00	36.21 1.92 0.00	36.13 1.92 0.00	34.92 1.85 0.00	34.47 1.92 0.00	35.07 1.86 0.00	39.51 2.13 0.00	46.72 2.39 0.00	57.96 2.71 0.00	54.03 2.52 0.00	46.58 2.13 0.00	40.68 1.60 0.00	38.05 1.11 0.00
EAST_HAMPTON___DIESEL 23722	38.95 1.28 0.00	35.24 0.52 0.00	34.93 0.68 0.00	35.21 0.45 0.00	34.94 -0.14 0.00	38.06 -0.23 0.00	49.54 2.09 0.00	53.23 2.05 0.00	53.48 2.83 -0.01	46.55 3.16 -0.01	43.71 2.63 -0.01	39.00 2.42 -0.99	36.15 1.85 -0.01	36.03 1.81 -0.01	34.16 1.09 0.00	33.95 1.40 0.00	34.57 1.36 0.00	38.89 1.50 -0.01	46.42 2.08 -0.01	57.57 2.32 0.00	53.16 1.65 0.00	46.28 1.82 -0.01	40.44 1.37 0.00	37.64 0.70 0.00
EAST_POINT___SOLAR 323840	40.65 2.98 0.00	37.33 2.61 0.00	36.84 2.60 0.00	37.50 2.75 0.00	37.61 2.53 0.00	41.20 2.91 0.00	51.35 3.89 0.00	55.12 3.94 0.00	53.98 3.34 0.00	44.94 1.56 0.00	42.06 0.98 0.00	36.19 0.60 0.00	35.18 0.89 0.00	34.83 0.62 0.00	33.36 0.30 0.00	32.95 0.39 0.00	33.97 0.76 0.00	39.55 2.17 0.00	48.00 3.68 0.00	60.33 5.08 0.00	56.25 4.74 0.00	48.31 3.86 0.00	42.36 3.28 0.00	39.71 2.77 0.00
EAST_PULASKI___ESR 323781	37.26 -0.41 0.00	34.27 -0.45 0.00	33.80 -0.45 0.00	34.34 -0.42 0.00	34.69 -0.39 0.00	37.98 -0.31 0.00	46.89 -0.57 0.00	50.51 -0.67 0.00	49.83 -0.81 0.00	42.46 -0.91 0.00	40.17 -0.90 0.00	34.80 -0.78 0.00	33.46 -0.82 0.00	33.39 -0.82 0.00	32.24 -0.83 0.00	31.74 -0.81 0.00	32.38 -0.83 0.00	36.48 -0.90 0.00	43.39 -0.93 0.00	54.26 -0.99 0.00	50.59 -0.93 0.00	43.69 -0.76 0.00	38.45 -0.63 0.00	36.39 -0.55 0.00
EAST_RIVER___1 323558	39.44 1.77 0.00	36.25 1.53 0.00	35.58 1.33 0.00	36.01 1.25 0.00	36.06 0.98 0.00	39.40 1.11 0.00	49.60 2.14 0.00	53.89 2.71 0.00	53.52 2.88 0.00	46.11 2.73 0.00	43.74 2.67 0.00	37.97 2.38 0.00	36.58 2.30 0.00	36.54 2.33 0.00	35.25 2.18 0.00	34.87 2.31 0.00	35.43 2.23 0.00	39.89 2.50 0.00	47.34 3.02 0.00	58.57 3.32 0.00	54.60 3.09 0.00	47.07 2.62 0.00	41.07 1.99 0.00	38.35 1.40 0.00
EAST_RIVER___2 323559	39.48 1.81 0.00	36.29 1.56 0.00	35.61 1.37 0.00	36.01 1.25 0.00	36.10 1.02 0.00	39.44 1.15 0.00	49.64 2.18 0.00	53.99 2.81 0.00	53.58 2.94 0.00	46.16 2.78 0.00	43.78 2.71 0.00	38.00 2.42 0.00	36.65 2.36 0.00	36.57 2.36 0.00	35.32 2.25 0.00	34.90 2.35 0.00	35.47 2.26 0.00	39.93 2.54 0.00	47.38 3.06 0.00	58.68 3.43 0.00	54.65 3.14 0.00	47.11 2.67 0.00	41.11 2.03 0.00	38.38 1.44 0.00
EAST___DELAWARE_HYD 23607	39.07 1.39 0.00	35.94 1.21 0.00	35.37 1.13 0.00	35.77 1.01 0.00	35.92 0.84 0.00	39.13 0.84 0.00	49.07 1.61 0.00	53.23 2.05 0.00	52.41 1.77 0.00	45.07 1.69 0.00	42.67 1.60 0.00	36.90 1.32 0.00	35.45 1.17 0.00	35.27 1.06 0.00	34.13 1.06 0.00	33.69 1.14 0.00	34.30 1.09 0.00	38.73 1.34 0.00	46.10 1.77 0.00	57.63 2.37 0.00	53.47 1.96 0.00	46.09 1.65 0.00	40.29 1.21 0.00	37.75 0.81 0.00
EIGHT_POINT___WT_PWR 323820	38.69 1.02 0.00	35.66 0.94 0.00	35.03 0.79 0.00	35.63 0.87 0.00	36.41 1.33 0.00	40.36 2.07 0.00	49.64 2.18 0.00	52.92 1.74 0.00	51.35 0.71 0.00	43.68 0.31 0.00	41.40 0.33 0.00	35.94 0.36 0.00	34.36 0.07 0.00	34.32 0.10 0.00	33.03 -0.03 0.00	32.49 -0.06 0.00	33.04 -0.17 0.00	37.27 -0.11 0.00	44.86 0.53 0.00	56.25 1.00 0.00	52.54 1.03 0.00	45.15 0.71 0.00	39.70 0.62 0.00	37.68 0.74 0.00
ELBRIDGE_115KV_TB2 80188	37.90 0.23 0.00	34.90 0.17 0.00	34.38 0.14 0.00	34.90 0.14 0.00	35.32 0.25 0.00	38.60 0.31 0.00	47.65 0.19 0.00	51.28 0.10 0.00	50.64 0.00 0.00	43.29 -0.09 0.00	41.03 -0.04 0.00	35.55 -0.04 0.00	34.18 -0.10 0.00	34.08 -0.14 0.00	32.94 -0.13 0.00	32.39 -0.16 0.00	32.98 -0.23 0.00	37.08 -0.30 0.00	44.10 -0.22 0.00	55.03 -0.22 0.00	51.30 -0.21 0.00	44.31 -0.13 0.00	39.00 -0.08 0.00	36.98 0.04 0.00
ELEC_TRO_TEK 24086	39.56 1.88 0.00	36.25 1.53 0.00	35.54 1.30 0.00	35.87 1.11 0.00	35.89 0.81 0.00	39.32 1.03 0.00	49.97 2.52 0.00	54.00 2.81 0.00	53.49 2.84 -0.02	46.08 2.69 -0.02	43.64 2.55 -0.02	39.64 2.28 -1.78	36.53 2.23 -0.02	36.42 2.19 -0.02	35.12 2.05 0.00	34.73 2.18 0.00	35.37 2.16 0.00	39.90 2.50 0.00	47.09 2.75 -0.02	58.18 2.93 0.00	54.14 2.63 0.00	46.99 2.53 -0.02	40.99 1.91 0.00	38.20 1.26 0.00

ELLENBURG_WT_PWR 323604	36.32 -1.35 0.00	33.75 -0.97 0.00	33.32 -0.92 0.00	33.96 -0.80 0.00	34.41 -0.67 0.00	37.75 -0.54 0.00	47.03 -0.43 0.00	50.77 -0.41 0.00	50.34 -0.30 0.00	43.03 -0.35 0.00	40.58 -0.49 0.00	35.09 -0.50 0.00	33.81 -0.48 0.00	33.80 -0.41 0.00	32.77 -0.30 0.00	32.36 -0.19 0.00	33.27 0.07 0.00	37.68 0.30 0.00	44.64 0.31 0.00	55.75 0.50 0.00	52.23 0.72 0.00	45.11 0.67 0.00	39.78 0.70 0.00	37.61 0.67 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	38.77 1.09 0.00	35.59 0.87 0.00	34.79 0.55 0.00	35.24 0.49 0.00	36.24 1.16 0.00	40.32 2.03 0.00	49.07 1.61 0.00	51.44 0.26 0.00	50.44 -0.20 0.00	43.42 0.04 0.00	41.48 0.41 0.00	36.12 0.53 0.00	34.49 0.21 0.00	34.42 0.21 0.00	33.23 0.17 0.00	32.62 0.07 0.00	32.88 -0.33 0.00	36.78 -0.60 0.00	43.66 -0.66 0.00	54.70 -0.55 0.00	50.94 -0.57 0.00	43.96 -0.49 0.00	38.92 -0.16 0.00	37.27 0.33 0.00
EMPIRE_CC_1 323656	38.35 0.68 0.00	35.38 0.66 0.00	34.89 0.65 0.00	35.38 0.63 0.00	35.53 0.45 0.00	38.52 0.23 0.00	47.98 0.52 0.00	51.90 0.72 0.00	51.25 0.61 0.00	43.98 0.61 0.00	41.61 0.53 0.00	36.12 0.53 0.00	34.94 0.65 0.00	34.90 0.68 0.00	33.76 0.70 0.00	33.27 0.72 0.00	33.94 0.73 0.00	38.06 0.67 0.00	45.35 1.02 0.00	56.42 1.16 0.00	52.54 1.03 0.00	45.29 0.84 0.00	39.62 0.55 0.00	37.39 0.44 0.00
EMPIRE_CC_2 323658	38.35 0.68 0.00	35.38 0.66 0.00	34.89 0.65 0.00	35.38 0.63 0.00	35.53 0.45 0.00	38.52 0.23 0.00	47.98 0.52 0.00	51.90 0.72 0.00	51.25 0.61 0.00	43.98 0.61 0.00	41.61 0.53 0.00	36.12 0.53 0.00	34.94 0.65 0.00	34.90 0.68 0.00	33.76 0.70 0.00	33.27 0.72 0.00	33.94 0.73 0.00	38.06 0.67 0.00	45.35 1.02 0.00	56.42 1.16 0.00	52.54 1.03 0.00	45.29 0.84 0.00	39.62 0.55 0.00	37.39 0.44 0.00
ENORWICH_115KV_TB1 80156	39.78 2.11 0.00	36.77 2.05 0.00	36.40 2.16 0.00	37.09 2.33 0.00	37.43 2.35 0.00	41.16 2.87 0.00	51.06 3.61 0.00	55.07 3.89 0.00	54.24 3.60 0.00	45.50 2.13 0.00	42.80 1.73 0.00	36.76 1.17 0.00	35.28 0.99 0.00	35.10 0.89 0.00	33.89 0.83 0.00	33.47 0.91 0.00	34.34 1.13 0.00	38.95 1.57 0.00	47.03 2.70 0.00	59.18 3.92 0.00	55.12 3.61 0.00	47.78 3.33 0.00	41.93 2.85 0.00	39.60 2.66 0.00
ERIE_ST__34_KV_TB1-2 80199	38.92 1.24 0.00	35.76 1.04 0.00	34.96 0.72 0.00	35.42 0.66 0.00	36.38 1.30 0.00	40.47 2.18 0.00	49.45 1.99 0.00	51.90 0.72 0.00	50.89 0.25 0.00	43.68 0.30 0.00	41.69 0.62 0.00	36.30 0.71 0.00	34.63 0.34 0.00	34.55 0.34 0.00	33.37 0.30 0.00	32.75 0.20 0.00	33.04 -0.17 0.00	37.05 -0.34 0.00	43.97 -0.35 0.00	55.20 -0.06 0.00	51.36 -0.15 0.00	44.22 -0.22 0.00	39.08 0.00 0.00	37.50 0.55 0.00
ERIE_WT_PWR 323693	39.10 1.43 0.00	35.87 1.14 0.00	35.00 0.75 0.00	35.49 0.73 0.00	36.45 1.37 0.00	40.59 2.30 0.00	49.45 1.99 0.00	52.20 1.02 0.00	50.84 0.20 0.00	43.68 0.31 0.00	41.73 0.66 0.00	36.33 0.75 0.00	34.60 0.31 0.00	34.55 0.34 0.00	33.40 0.33 0.00	32.72 0.16 0.00	33.04 -0.17 0.00	36.94 -0.45 0.00	43.84 -0.49 0.00	55.09 -0.17 0.00	51.41 -0.10 0.00	44.18 -0.27 0.00	39.11 0.04 0.00	37.50 0.55 0.00
ESPRGFLD_115KV_TB1 80157	39.78 2.11 0.00	36.60 1.87 0.00	36.16 1.92 0.00	36.74 1.98 0.00	36.97 1.89 0.00	40.47 2.18 0.00	50.45 2.99 0.00	54.41 3.22 0.00	53.63 2.99 0.00	45.37 2.00 0.00	42.80 1.73 0.00	36.90 1.32 0.00	35.59 1.30 0.00	35.41 1.20 0.00	34.13 1.06 0.00	33.63 1.07 0.00	34.40 1.20 0.00	39.14 1.76 0.00	46.85 2.53 0.00	58.68 3.43 0.00	54.70 3.19 0.00	47.11 2.67 0.00	41.30 2.23 0.00	38.86 1.92 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.73 1.05 0.00	35.62 0.90 0.00	35.13 0.89 0.00	35.70 0.94 0.00	36.10 1.02 0.00	39.55 1.26 0.00	48.98 1.52 0.00	52.72 1.54 0.00	51.91 1.27 0.00	44.20 0.82 0.00	41.77 0.70 0.00	36.15 0.57 0.00	34.73 0.45 0.00	34.59 0.38 0.00	33.43 0.36 0.00	32.91 0.36 0.00	33.54 0.33 0.00	37.87 0.49 0.00	45.26 0.93 0.00	56.47 1.22 0.00	52.70 1.18 0.00	45.51 1.07 0.00	40.01 0.94 0.00	37.87 0.92 0.00
ETNA____115KV_TB2 80207	38.73 1.05 0.00	35.62 0.90 0.00	35.13 0.89 0.00	35.70 0.94 0.00	36.10 1.02 0.00	39.55 1.26 0.00	48.98 1.52 0.00	52.72 1.54 0.00	51.91 1.27 0.00	44.20 0.82 0.00	41.77 0.70 0.00	36.15 0.57 0.00	34.73 0.45 0.00	34.59 0.38 0.00	33.43 0.36 0.00	32.91 0.36 0.00	33.54 0.33 0.00	37.87 0.49 0.00	45.26 0.93 0.00	56.47 1.22 0.00	52.70 1.18 0.00	45.51 1.07 0.00	40.01 0.94 0.00	37.87 0.92 0.00
EUCLID__115KV_TB2 356179	37.67 0.00 0.00	34.65 -0.07 0.00	34.14 -0.10 0.00	34.65 -0.10 0.00	35.08 0.00 0.00	38.33 0.04 0.00	47.32 -0.14 0.00	50.93 -0.26 0.00	50.23 -0.41 0.00	43.03 -0.35 0.00	40.79 -0.29 0.00	35.37 -0.21 0.00	34.01 -0.27 0.00	33.90 -0.31 0.00	32.77 -0.30 0.00	32.26 -0.29 0.00	32.81 -0.40 0.00	36.90 -0.49 0.00	43.84 -0.49 0.00	54.70 -0.55 0.00	51.00 -0.52 0.00	44.00 -0.44 0.00	38.72 -0.35 0.00	36.76 -0.18 0.00
E_CANADA_CAP_HY 24051	40.24 2.56 0.00	36.98 2.26 0.00	36.50 2.26 0.00	37.12 2.36 0.00	37.25 2.18 0.00	40.74 2.45 0.00	50.88 3.42 0.00	54.87 3.69 0.00	53.93 3.29 0.00	45.46 2.08 0.00	42.72 1.64 0.00	36.79 1.21 0.00	35.52 1.23 0.00	35.34 1.13 0.00	34.03 0.96 0.00	33.53 0.98 0.00	34.40 1.19 0.00	39.40 2.02 0.00	47.52 3.19 0.00	59.62 4.36 0.00	55.58 4.07 0.00	47.78 3.34 0.00	41.89 2.82 0.00	39.31 2.37 0.00
E_CANADA_MHWK_HY 24050	35.26 -2.41 0.00	32.60 -2.12 0.00	32.29 -1.95 0.00	32.85 -1.91 0.00	33.08 -2.00 0.00	36.18 -2.11 0.00	45.09 -2.37 0.00	48.98 -2.20 0.00	48.56 -2.08 0.00	41.34 -2.04 0.00	39.10 -1.97 0.00	33.88 -1.71 0.00	32.74 -1.54 0.00	32.67 -1.54 0.00	31.61 -1.45 0.00	31.28 -1.27 0.00	32.05 -1.16 0.00	36.22 -1.16 0.00	43.26 -1.06 0.00	54.09 -1.16 0.00	50.48 -1.03 0.00	43.73 -0.71 0.00	38.45 -0.63 0.00	36.24 -0.70 0.00
E_FISHKILL__LBMP 23776	39.03 1.36 0.00	35.87 1.15 0.00	35.30 1.06 0.00	35.73 0.97 0.00	35.85 0.77 0.00	39.13 0.84 0.00	49.07 1.61 0.00	53.28 2.10 0.00	52.56 1.92 0.00	45.24 1.87 0.00	42.88 1.81 0.00	37.18 1.60 0.00	35.83 1.54 0.00	35.79 1.57 0.00	34.59 1.52 0.00	34.15 1.60 0.00	34.74 1.53 0.00	39.10 1.72 0.00	46.32 1.99 0.00	57.46 2.21 0.00	53.57 2.06 0.00	46.18 1.73 0.00	40.36 1.29 0.00	37.79 0.85 0.00
FALCON___SEABRD_CC1 323796	36.73 -0.94 0.00	34.13 -0.59 0.00	33.69 -0.55 0.00	34.38 -0.38 0.00	34.87 -0.21 0.00	38.25 -0.04 0.00	47.70 0.24 0.00	51.49 0.31 0.00	51.00 0.36 0.00	43.55 0.17 0.00	41.07 0.00 0.00	35.48 -0.11 0.00	34.18 -0.10 0.00	34.18 -0.03 0.00	33.10 0.03 0.00	32.68 0.13 0.00	33.67 0.46 0.00	38.13 0.75 0.00	45.21 0.89 0.00	56.42 1.16 0.00	52.85 1.34 0.00	45.65 1.20 0.00	40.25 1.17 0.00	38.05 1.11 0.00

FALCON___SEABRD_CC2 323797	36.73 -0.94 0.00	34.13 -0.59 0.00	33.69 -0.55 0.00	34.38 -0.38 0.00	34.87 -0.21 0.00	38.25 -0.04 0.00	47.70 0.24 0.00	51.49 0.31 0.00	51.00 0.36 0.00	43.55 0.17 0.00	41.07 0.00 0.00	35.48 -0.11 0.00	34.18 -0.10 0.00	34.18 -0.03 0.00	33.10 0.03 0.00	32.68 0.13 0.00	33.67 0.46 0.00	38.13 0.75 0.00	45.21 0.89 0.00	56.42 1.16 0.00	52.85 1.34 0.00	45.65 1.20 0.00	40.25 1.17 0.00	38.05 1.11 0.00
FAR ROCKAWAY___4 23548	40.12 2.45 0.00	36.74 2.01 0.00	35.99 1.75 0.00	36.36 1.60 0.00	36.34 1.26 0.00	39.86 1.57 0.00	50.69 3.23 0.00	54.82 3.63 0.00	54.30 3.65 -0.01	46.77 3.38 -0.01	44.29 3.20 -0.02	39.98 2.81 -1.58	37.08 2.78 -0.01	36.96 2.74 -0.01	35.61 2.55 0.00	35.22 2.67 0.00	35.86 2.66 0.00	40.50 3.10 -0.01	47.80 3.46 -0.01	59.12 3.87 0.00	54.96 3.45 0.00	47.75 3.29 -0.01	41.65 2.58 0.00	38.75 1.81 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	39.48 1.81 0.00	36.28 1.56 0.00	35.58 1.34 0.00	36.01 1.25 0.00	36.06 0.98 0.00	39.52 1.23 0.00	49.64 2.18 0.00	54.05 2.87 0.00	53.53 2.89 0.00	46.11 2.73 0.00	43.70 2.63 0.00	37.97 2.38 0.00	36.55 2.26 0.00	36.47 2.26 0.00	35.25 2.18 0.00	34.80 2.25 0.00	35.40 2.19 0.00	39.85 2.47 0.00	47.07 2.75 0.00	58.24 2.98 0.00	54.40 2.88 0.00	46.85 2.40 0.00	40.91 1.84 0.00	38.23 1.29 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	39.48 1.81 0.00	36.28 1.56 0.00	35.58 1.34 0.00	36.01 1.25 0.00	36.10 1.02 0.00	39.52 1.23 0.00	49.64 2.18 0.00	54.05 2.87 0.00	53.48 2.84 0.00	46.07 2.69 0.00	43.70 2.63 0.00	37.97 2.38 0.00	36.55 2.26 0.00	36.47 2.26 0.00	35.25 2.18 0.00	34.80 2.25 0.00	35.40 2.19 0.00	39.85 2.47 0.00	47.07 2.75 0.00	58.24 2.98 0.00	54.40 2.88 0.00	46.85 2.40 0.00	40.91 1.84 0.00	38.23 1.29 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	39.48 1.81 0.00	36.25 1.53 0.00	35.58 1.34 0.00	35.97 1.22 0.00	36.06 0.98 0.00	39.52 1.23 0.00	49.64 2.18 0.00	54.05 2.87 0.00	53.48 2.84 0.00	46.07 2.69 0.00	43.70 2.63 0.00	37.93 2.35 0.00	36.55 2.26 0.00	36.47 2.26 0.00	35.22 2.15 0.00	34.80 2.25 0.00	35.37 2.16 0.00	39.85 2.47 0.00	47.03 2.70 0.00	58.18 2.93 0.00	54.34 2.83 0.00	46.80 2.36 0.00	40.87 1.80 0.00	38.23 1.29 0.00
FARRAGUT___LBMP 323566	39.44 1.77 0.00	36.25 1.53 0.00	35.54 1.30 0.00	35.97 1.22 0.00	36.03 0.95 0.00	39.48 1.19 0.00	49.59 2.14 0.00	54.00 2.81 0.00	53.42 2.79 0.00	46.02 2.65 0.00	43.66 2.59 0.00	37.90 2.31 0.00	36.52 2.23 0.00	36.44 2.22 0.00	35.22 2.15 0.00	34.77 2.21 0.00	35.37 2.16 0.00	39.81 2.43 0.00	46.98 2.66 0.00	58.18 2.93 0.00	54.34 2.83 0.00	46.80 2.36 0.00	40.83 1.76 0.00	38.20 1.26 0.00
FENNER___WINDPWR 24204	38.43 0.75 0.00	35.38 0.66 0.00	34.89 0.65 0.00	35.45 0.69 0.00	35.78 0.70 0.00	39.17 0.88 0.00	48.50 1.04 0.00	52.31 1.12 0.00	51.65 1.01 0.00	43.98 0.61 0.00	41.61 0.53 0.00	35.98 0.39 0.00	34.60 0.31 0.00	34.52 0.31 0.00	33.33 0.26 0.00	32.85 0.29 0.00	33.51 0.30 0.00	37.76 0.37 0.00	44.99 0.67 0.00	56.25 1.00 0.00	52.44 0.93 0.00	45.29 0.84 0.00	39.78 0.70 0.00	37.61 0.67 0.00
FIBERTEK___ENERGY 23856	38.05 0.38 0.00	35.03 0.31 0.00	34.52 0.27 0.00	35.04 0.28 0.00	35.43 0.35 0.00	38.71 0.42 0.00	47.84 0.38 0.00	51.54 0.36 0.00	50.84 0.20 0.00	43.51 0.13 0.00	41.20 0.12 0.00	35.73 0.14 0.00	34.32 0.03 0.00	34.25 0.03 0.00	33.07 0.00 0.00	32.52 -0.03 0.00	33.11 -0.10 0.00	37.23 -0.15 0.00	44.33 0.00 0.00	55.25 0.00 0.00	51.51 0.00 0.00	44.49 0.04 0.00	39.15 0.08 0.00	37.13 0.18 0.00
FITZPATRICK____ 23598	37.15 -0.53 0.00	34.20 -0.52 0.00	33.73 -0.51 0.00	34.24 -0.52 0.00	34.59 -0.49 0.00	37.83 -0.46 0.00	46.61 -0.85 0.00	50.16 -1.02 0.00	49.53 -1.11 0.00	42.42 -0.95 0.00	40.17 -0.90 0.00	34.83 -0.75 0.00	33.53 -0.75 0.00	33.46 -0.75 0.00	32.34 -0.73 0.00	31.81 -0.75 0.00	32.41 -0.80 0.00	36.41 -0.97 0.00	43.13 -1.19 0.00	53.82 -1.44 0.00	50.17 -1.34 0.00	43.29 -1.16 0.00	38.14 -0.94 0.00	36.20 -0.74 0.00
FLOWRFLD_69_KV_BK1 356044	39.82 2.15 0.00	36.46 1.74 0.00	35.68 1.44 0.00	36.01 1.25 0.00	35.89 0.81 0.00	39.25 0.96 0.00	50.35 2.89 0.00	54.20 3.02 0.00	53.99 3.34 -0.01	46.73 3.34 -0.01	44.20 3.12 -0.01	39.46 2.88 -1.00	36.87 2.57 -0.01	36.75 2.53 -0.01	35.18 2.12 0.00	34.83 2.28 0.00	35.53 2.32 0.00	40.01 2.62 0.00	47.39 3.06 -0.01	58.40 3.15 0.00	54.19 2.68 0.00	47.25 2.80 -0.01	41.11 2.03 0.00	38.20 1.26 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	39.33 1.66 0.00	36.15 1.42 0.00	35.54 1.30 0.00	35.97 1.22 0.00	36.10 1.02 0.00	39.44 1.15 0.00	49.45 1.99 0.00	53.74 2.56 0.00	52.92 2.28 0.00	45.55 2.17 0.00	43.13 2.05 0.00	37.36 1.78 0.00	35.97 1.68 0.00	35.85 1.64 0.00	34.75 1.69 0.00	34.28 1.73 0.00	34.90 1.69 0.00	39.33 1.94 0.00	46.59 2.26 0.00	58.13 2.87 0.00	54.03 2.52 0.00	46.53 2.09 0.00	40.64 1.56 0.00	38.09 1.15 0.00
FORT ORANGE____ 23900	38.35 0.68 0.00	35.31 0.59 0.00	34.86 0.62 0.00	35.35 0.59 0.00	35.53 0.45 0.00	38.52 0.23 0.00	47.98 0.52 0.00	51.84 0.66 0.00	51.20 0.56 0.00	43.86 0.48 0.00	41.44 0.37 0.00	35.90 0.32 0.00	34.73 0.44 0.00	34.66 0.44 0.00	33.53 0.46 0.00	33.07 0.52 0.00	33.74 0.53 0.00	37.91 0.52 0.00	45.26 0.93 0.00	56.47 1.21 0.00	52.54 1.03 0.00	45.29 0.84 0.00	39.62 0.55 0.00	37.39 0.44 0.00
FORT_DRUM_COGEN 23780	36.81 -0.87 0.00	33.96 -0.76 0.00	33.56 -0.68 0.00	34.13 -0.63 0.00	34.38 -0.70 0.00	37.68 -0.61 0.00	46.75 -0.71 0.00	50.46 -0.72 0.00	49.83 -0.81 0.00	42.03 -1.34 0.00	39.68 -1.40 0.00	34.27 -1.32 0.00	32.98 -1.30 0.00	32.88 -1.33 0.00	31.74 -1.32 0.00	31.32 -1.24 0.00	32.08 -1.13 0.00	36.30 -1.08 0.00	43.57 -0.75 0.00	54.76 -0.50 0.00	51.10 -0.41 0.00	44.22 -0.22 0.00	38.80 -0.27 0.00	36.57 -0.37 0.00
FOX_HILLS___ESR 323835	53.24 2.26 -13.31	43.63 1.98 -6.93	35.99 1.75 0.00	36.39 1.63 0.00	36.48 1.40 0.00	39.94 1.65 0.00	53.32 2.61 -3.25	54.46 3.28 0.00	56.46 3.24 -2.58	55.14 3.04 -8.73	54.63 3.00 -10.56	53.87 2.70 -15.58	53.87 2.61 -16.98	53.83 2.60 -17.02	53.86 2.48 -18.31	54.98 2.57 -19.85	55.25 2.49 -19.55	55.27 2.80 -15.09	56.82 3.10 -9.39	58.40 3.15 0.00	57.51 3.25 -2.76	56.78 2.76 -9.58	52.93 2.15 -11.70	52.39 1.66 -13.78
FPL FAR_ROCK_GT1 24212	40.05 2.37 0.00	36.60 1.87 0.00	35.99 1.75 0.00	36.36 1.60 0.00	36.34 1.26 0.00	39.71 1.42 0.00	50.45 2.99 0.00	54.56 3.38 0.00	54.30 3.65 -0.01	46.78 3.39 -0.01	44.30 3.21 -0.02	39.98 2.81 -1.58	37.08 2.78 -0.01	37.00 2.77 -0.01	35.61 2.55 0.00	35.25 2.70 0.00	35.87 2.66 0.00	40.50 3.10 -0.01	48.02 3.68 -0.01	59.45 4.20 0.00	55.12 3.60 0.00	47.97 3.51 -0.01	41.89 2.82 0.00	38.90 1.96 0.00

FPL FAR_ROCK_GT2 23815	40.05 2.37 0.00	36.60 1.87 0.00	35.99 1.75 0.00	36.36 1.60 0.00	36.34 1.26 0.00	39.71 1.42 0.00	50.45 2.99 0.00	54.56 3.38 0.00	54.30 3.65 -0.01	46.78 3.39 -0.01	44.30 3.21 -0.02	39.98 2.81 -1.58	37.08 2.78 -0.01	37.00 2.77 -0.01	35.61 2.55 0.00	35.25 2.70 0.00	35.87 2.66 0.00	40.50 3.10 -0.01	48.02 3.68 -0.01	59.45 4.20 0.00	55.12 3.60 0.00	47.97 3.51 -0.01	41.89 2.82 0.00	38.90 1.96 0.00
FRANKLIN_FALL_HYD 24054	36.73 -0.94 0.00	34.13 -0.59 0.00	33.69 -0.55 0.00	34.38 -0.38 0.00	34.83 -0.25 0.00	38.21 -0.08 0.00	47.65 0.19 0.00	51.44 0.26 0.00	50.99 0.35 0.00	43.51 0.13 0.00	41.03 -0.04 0.00	35.37 -0.21 0.00	34.08 -0.21 0.00	34.04 -0.17 0.00	32.97 -0.10 0.00	32.55 0.00 0.00	33.54 0.33 0.00	37.98 0.60 0.00	45.03 0.71 0.00	56.19 0.94 0.00	52.64 1.13 0.00	45.47 1.02 0.00	40.01 0.94 0.00	37.83 0.89 0.00
FREEPORT_EQUS_GT1 23764	39.74 2.07 0.00	36.29 1.56 0.00	35.71 1.47 0.00	36.08 1.32 0.00	36.06 0.98 0.00	39.40 1.11 0.00	50.11 2.66 0.00	54.15 2.97 0.00	53.90 3.24 -0.01	46.42 3.04 -0.01	43.96 2.87 -0.01	39.49 2.56 -1.34	36.80 2.50 -0.01	36.72 2.50 -0.01	35.32 2.25 0.00	35.00 2.44 0.00	35.63 2.42 0.00	40.20 2.81 -0.01	47.70 3.37 -0.01	58.96 3.70 0.00	54.71 3.19 0.00	47.61 3.16 -0.01	41.58 2.50 0.00	38.57 1.62 0.00
FREEPORT___CT2 23818	39.74 2.07 0.00	36.29 1.56 0.00	35.71 1.47 0.00	36.08 1.32 0.00	36.06 0.98 0.00	39.40 1.11 0.00	50.11 2.66 0.00	54.15 2.97 0.00	53.90 3.24 -0.01	46.42 3.04 -0.01	43.96 2.87 -0.01	39.49 2.56 -1.34	36.80 2.50 -0.01	36.72 2.50 -0.01	35.32 2.25 0.00	35.00 2.44 0.00	35.63 2.42 0.00	40.20 2.81 -0.01	47.70 3.37 -0.01	58.96 3.70 0.00	54.71 3.19 0.00	47.61 3.16 -0.01	41.58 2.50 0.00	38.57 1.62 0.00
FRESHKLS_33_KV_LOAD 356253	53.24 2.26 -13.31	43.63 1.98 -6.93	35.99 1.75 0.00	36.39 1.63 0.00	36.48 1.40 0.00	39.94 1.65 0.00	53.27 2.56 -3.25	54.35 3.17 0.00	56.36 3.14 -2.58	55.06 2.95 -8.73	54.59 2.96 -10.56	53.80 2.63 -15.58	53.81 2.54 -16.98	53.80 2.57 -17.02	53.83 2.45 -18.31	54.94 2.54 -19.85	55.22 2.46 -19.55	55.24 2.77 -15.09	56.78 3.06 -9.39	58.29 3.04 0.00	57.46 3.19 -2.76	56.74 2.71 -9.58	52.97 2.19 -11.70	52.39 1.66 -13.78
FULTON COGEN____ 23766	37.45 -0.23 0.00	34.44 -0.28 0.00	33.97 -0.27 0.00	34.48 -0.28 0.00	34.83 -0.25 0.00	38.06 -0.23 0.00	46.98 -0.47 0.00	50.62 -0.56 0.00	49.98 -0.66 0.00	42.77 -0.61 0.00	40.50 -0.58 0.00	35.09 -0.50 0.00	33.77 -0.51 0.00	33.66 -0.55 0.00	32.54 -0.53 0.00	32.03 -0.52 0.00	32.58 -0.63 0.00	36.63 -0.75 0.00	43.57 -0.75 0.00	54.37 -0.88 0.00	50.69 -0.82 0.00	43.78 -0.67 0.00	38.53 -0.55 0.00	36.54 -0.41 0.00
FULTON___LFGE 323630	40.24 2.56 0.00	36.98 2.26 0.00	36.47 2.22 0.00	37.12 2.36 0.00	37.25 2.18 0.00	40.70 2.41 0.00	50.88 3.42 0.00	54.87 3.69 0.00	53.98 3.34 0.00	45.59 2.21 0.00	42.84 1.76 0.00	36.94 1.35 0.00	35.59 1.30 0.00	35.41 1.20 0.00	34.13 1.06 0.00	33.66 1.11 0.00	34.50 1.29 0.00	39.44 2.05 0.00	47.52 3.19 0.00	59.62 4.36 0.00	55.58 4.07 0.00	47.78 3.34 0.00	41.89 2.82 0.00	39.31 2.37 0.00
G.F.CEMENT___DRP 24184	40.08 2.41 0.00	36.84 2.12 0.00	36.33 2.09 0.00	36.95 2.19 0.00	37.01 1.93 0.00	40.51 2.22 0.00	50.59 3.13 0.00	54.76 3.58 0.00	54.03 3.39 0.00	45.98 2.60 0.00	43.29 2.22 0.00	37.26 1.67 0.00	35.73 1.44 0.00	35.65 1.44 0.00	34.42 1.36 0.00	33.92 1.37 0.00	34.67 1.46 0.00	39.29 1.91 0.00	46.90 2.57 0.00	58.85 3.59 0.00	54.81 3.30 0.00	47.11 2.67 0.00	41.30 2.23 0.00	38.75 1.81 0.00
GARDENVILLE___LBMP 24039	38.84 1.17 0.00	35.69 0.97 0.00	34.89 0.65 0.00	35.38 0.63 0.00	36.34 1.26 0.00	40.40 2.11 0.00	49.21 1.76 0.00	51.64 0.46 0.00	50.64 0.00 0.00	43.55 0.17 0.00	41.61 0.53 0.00	36.22 0.64 0.00	34.56 0.27 0.00	34.49 0.27 0.00	33.30 0.23 0.00	32.68 0.13 0.00	32.94 -0.27 0.00	36.90 -0.49 0.00	43.79 -0.53 0.00	54.92 -0.33 0.00	51.10 -0.41 0.00	44.05 -0.40 0.00	39.00 -0.08 0.00	37.35 0.41 0.00
GARDNVLA_35_KV_LD 355827	39.07 1.39 0.00	35.87 1.15 0.00	35.06 0.82 0.00	35.52 0.76 0.00	36.52 1.44 0.00	40.63 2.34 0.00	49.55 2.09 0.00	51.95 0.77 0.00	50.99 0.35 0.00	43.81 0.43 0.00	41.89 0.82 0.00	36.44 0.85 0.00	34.80 0.51 0.00	34.73 0.51 0.00	33.53 0.46 0.00	32.91 0.36 0.00	33.14 -0.07 0.00	37.12 -0.26 0.00	44.06 -0.27 0.00	55.25 0.00 0.00	51.46 -0.05 0.00	44.31 -0.13 0.00	39.23 0.16 0.00	37.61 0.66 0.00
GELCKHM___115KV_LOAD 80723	37.79 0.11 0.00	34.79 0.07 0.00	34.28 0.03 0.00	34.79 0.03 0.00	35.18 0.11 0.00	38.44 0.15 0.00	47.46 0.00 0.00	51.13 -0.05 0.00	50.49 -0.15 0.00	43.20 -0.17 0.00	40.95 -0.12 0.00	35.48 -0.11 0.00	34.12 -0.17 0.00	34.04 -0.17 0.00	32.87 -0.20 0.00	32.36 -0.20 0.00	32.91 -0.30 0.00	37.01 -0.37 0.00	44.01 -0.31 0.00	54.87 -0.39 0.00	51.15 -0.36 0.00	44.18 -0.27 0.00	38.88 -0.20 0.00	36.87 -0.07 0.00
GENERAL___MILLS 23808	38.95 1.28 0.00	35.76 1.04 0.00	34.96 0.72 0.00	35.45 0.70 0.00	36.41 1.33 0.00	40.51 2.22 0.00	49.36 1.90 0.00	51.80 0.61 0.00	50.79 0.15 0.00	43.64 0.26 0.00	41.73 0.66 0.00	36.30 0.71 0.00	34.66 0.38 0.00	34.59 0.38 0.00	33.40 0.33 0.00	32.78 0.23 0.00	33.04 -0.17 0.00	37.01 -0.37 0.00	43.88 -0.44 0.00	55.03 -0.22 0.00	51.25 -0.26 0.00	44.18 -0.27 0.00	39.11 0.04 0.00	37.46 0.52 0.00
GE_PLASTICS___DRP 24183	38.35 0.68 0.00	35.31 0.59 0.00	34.86 0.62 0.00	35.35 0.59 0.00	35.54 0.46 0.00	38.64 0.34 0.00	48.03 0.57 0.00	51.95 0.77 0.00	51.30 0.66 0.00	43.98 0.61 0.00	41.61 0.53 0.00	36.05 0.46 0.00	34.87 0.58 0.00	34.83 0.62 0.00	33.66 0.60 0.00	33.17 0.62 0.00	33.81 0.60 0.00	37.98 0.60 0.00	45.12 0.80 0.00	56.25 0.99 0.00	52.33 0.82 0.00	45.16 0.71 0.00	39.54 0.47 0.00	37.20 0.26 0.00
GILBOA___1 23756	38.50 0.83 0.00	35.45 0.73 0.00	35.20 0.96 0.00	35.70 0.94 0.00	35.92 0.84 0.00	38.79 0.50 0.00	48.41 0.95 0.00	52.31 1.12 0.00	51.70 1.07 0.00	44.38 1.00 0.00	42.02 0.95 0.00	36.44 0.85 0.00	35.28 0.99 0.00	35.21 0.99 0.00	34.03 0.96 0.00	33.40 0.84 0.00	34.04 0.83 0.00	38.32 0.93 0.00	45.56 1.24 0.00	56.75 1.49 0.00	52.85 1.34 0.00	45.56 1.11 0.00	39.90 0.82 0.00	37.53 0.59 0.00
GILBOA___2 23757	38.50 0.83 0.00	35.45 0.73 0.00	35.20 0.96 0.00	35.70 0.94 0.00	35.92 0.84 0.00	38.79 0.50 0.00	48.41 0.95 0.00	52.31 1.12 0.00	51.70 1.07 0.00	44.38 1.00 0.00	42.02 0.95 0.00	36.44 0.85 0.00	35.28 0.99 0.00	35.21 0.99 0.00	34.03 0.96 0.00	33.40 0.84 0.00	34.04 0.83 0.00	38.32 0.93 0.00	45.56 1.24 0.00	56.75 1.49 0.00	52.85 1.34 0.00	45.56 1.11 0.00	39.90 0.82 0.00	37.53 0.59 0.00

GILBOA___3 23758	38.50 0.83 0.00	35.45 0.73 0.00	35.20 0.96 0.00	35.70 0.94 0.00	35.92 0.84 0.00	38.79 0.50 0.00	48.41 0.95 0.00	52.31 1.12 0.00	51.70 1.07 0.00	44.38 1.00 0.00	42.02 0.95 0.00	36.44 0.85 0.00	35.28 0.99 0.00	35.21 0.99 0.00	34.03 0.96 0.00	33.40 0.84 0.00	34.04 0.83 0.00	38.32 0.93 0.00	45.56 1.24 0.00	56.75 1.49 0.00	52.85 1.34 0.00	45.56 1.11 0.00	39.90 0.82 0.00	37.53 0.59 0.00
GILBOA___4 23759	38.50 0.83 0.00	35.45 0.73 0.00	35.20 0.96 0.00	35.70 0.94 0.00	35.92 0.84 0.00	38.79 0.50 0.00	48.41 0.95 0.00	52.31 1.12 0.00	51.70 1.07 0.00	44.38 1.00 0.00	42.02 0.95 0.00	36.44 0.85 0.00	35.28 0.99 0.00	35.21 0.99 0.00	34.03 0.96 0.00	33.40 0.84 0.00	34.04 0.83 0.00	38.32 0.93 0.00	45.56 1.24 0.00	56.75 1.49 0.00	52.85 1.34 0.00	45.56 1.11 0.00	39.90 0.82 0.00	37.53 0.59 0.00
GILBOA___ 23599	38.54 0.87 0.00	35.45 0.73 0.00	35.20 0.96 0.00	35.70 0.94 0.00	35.92 0.84 0.00	38.87 0.57 0.00	48.41 0.95 0.00	52.41 1.23 0.00	51.70 1.06 0.00	44.37 1.00 0.00	42.02 0.94 0.00	36.44 0.85 0.00	35.25 0.96 0.00	35.20 0.99 0.00	34.03 0.96 0.00	33.40 0.85 0.00	34.01 0.80 0.00	38.28 0.90 0.00	45.43 1.11 0.00	56.58 1.33 0.00	52.70 1.18 0.00	45.42 0.98 0.00	39.82 0.74 0.00	37.46 0.52 0.00
GINNA___ 23603	36.58 -1.09 0.00	33.61 -1.11 0.00	33.01 -1.23 0.00	33.51 -1.25 0.00	34.13 -0.95 0.00	37.68 -0.61 0.00	46.13 -1.33 0.00	49.44 -1.74 0.00	48.56 -2.08 0.00	41.60 -1.78 0.00	39.51 -1.56 0.00	34.23 -1.35 0.00	32.78 -1.51 0.00	32.67 -1.54 0.00	31.58 -1.49 0.00	30.99 -1.56 0.00	31.45 -1.76 0.00	35.33 -2.06 0.00	42.02 -2.31 0.00	52.66 -2.60 0.00	49.14 -2.37 0.00	42.36 -2.09 0.00	37.36 -1.72 0.00	35.46 -1.48 0.00
GLEN PARK___ 23778	36.96 -0.72 0.00	34.06 -0.66 0.00	33.69 -0.55 0.00	34.27 -0.49 0.00	34.52 -0.56 0.00	37.87 -0.42 0.00	46.94 -0.52 0.00	50.67 -0.51 0.00	49.98 -0.66 0.00	42.08 -1.30 0.00	39.68 -1.40 0.00	34.27 -1.32 0.00	32.95 -1.34 0.00	32.84 -1.37 0.00	31.71 -1.36 0.00	31.28 -1.27 0.00	32.08 -1.13 0.00	36.30 -1.09 0.00	43.57 -0.75 0.00	54.87 -0.38 0.00	51.20 -0.31 0.00	44.31 -0.13 0.00	38.92 -0.16 0.00	36.65 -0.30 0.00
GLENDALE_27_KV_LOAD 356172	39.83 2.15 -0.01	36.57 1.84 -0.01	35.85 1.61 0.00	36.25 1.49 0.00	36.34 1.26 0.00	39.78 1.49 0.00	49.97 2.52 0.00	54.46 3.28 0.00	53.88 3.24 0.00	46.41 3.04 0.00	44.03 2.96 0.00	38.22 2.63 0.00	36.83 2.54 -0.01	36.74 2.53 0.00	35.51 2.45 0.00	35.06 2.51 0.00	35.67 2.46 0.00	40.15 2.77 0.00	47.38 3.06 0.00	58.51 3.26 0.00	54.76 3.25 0.00	47.11 2.67 0.00	41.15 2.07 0.00	38.53 1.59 0.00
GLENWOOD_IC_1_G5 23712	39.71 2.03 0.00	36.42 1.70 0.00	35.72 1.47 0.00	36.08 1.32 0.00	36.17 1.09 0.00	39.59 1.30 0.00	50.07 2.61 0.00	54.30 3.12 0.00	53.79 3.14 -0.02	46.30 2.91 -0.02	43.88 2.79 -0.02	39.80 2.49 -1.72	36.70 2.40 -0.02	36.62 2.39 -0.02	35.32 2.25 0.00	34.90 2.34 0.00	35.50 2.29 0.00	40.05 2.65 -0.02	47.31 2.97 -0.02	58.57 3.32 0.00	54.50 2.99 0.00	47.17 2.71 -0.02	41.15 2.07 0.00	38.38 1.44 0.00
GLENWOOD_IC_2_G1 23688	39.44 1.77 0.00	36.18 1.46 0.00	35.58 1.33 0.00	35.97 1.22 0.00	36.03 0.95 0.00	39.32 1.03 0.00	49.64 2.18 0.00	53.79 2.61 0.00	53.42 2.78 0.00	45.98 2.60 0.00	43.58 2.51 0.00	37.90 2.24 -0.07	36.48 2.20 0.00	36.40 2.19 0.00	35.12 2.05 0.00	34.73 2.18 0.00	35.30 2.09 0.00	39.81 2.43 0.00	47.25 2.92 0.00	58.51 3.26 0.00	54.39 2.88 0.00	47.07 2.62 0.00	41.11 2.03 0.00	38.35 1.40 0.00
GLENWOOD_IC_3_G1 23689	39.44 1.77 0.00	36.18 1.46 0.00	35.58 1.33 0.00	35.97 1.22 0.00	36.03 0.95 0.00	39.32 1.03 0.00	49.64 2.18 0.00	53.79 2.61 0.00	53.42 2.78 0.00	45.98 2.60 0.00	43.58 2.51 0.00	37.90 2.24 -0.07	36.48 2.20 0.00	36.40 2.19 0.00	35.12 2.05 0.00	34.73 2.18 0.00	35.30 2.09 0.00	39.81 2.43 0.00	47.25 2.92 0.00	58.51 3.26 0.00	54.39 2.88 0.00	47.07 2.62 0.00	41.11 2.03 0.00	38.35 1.40 0.00
GLENWOOD___4 23550	39.71 2.03 0.00	36.42 1.70 0.00	35.72 1.47 0.00	36.08 1.32 0.00	36.17 1.09 0.00	39.59 1.30 0.00	50.07 2.61 0.00	54.30 3.12 0.00	53.79 3.14 -0.02	46.30 2.91 -0.02	43.88 2.79 -0.02	39.80 2.49 -1.72	36.70 2.40 -0.02	36.62 2.39 -0.02	35.32 2.25 0.00	34.90 2.34 0.00	35.50 2.29 0.00	40.05 2.65 -0.02	47.31 2.97 -0.02	58.57 3.32 0.00	54.50 2.99 0.00	47.17 2.71 -0.02	41.15 2.07 0.00	38.38 1.44 0.00
GLENWOOD___5 23614	39.71 2.03 0.00	36.42 1.70 0.00	35.72 1.47 0.00	36.08 1.32 0.00	36.17 1.09 0.00	39.59 1.30 0.00	50.07 2.61 0.00	54.30 3.12 0.00	53.79 3.14 -0.02	46.30 2.91 -0.02	43.88 2.79 -0.02	39.80 2.49 -1.72	36.70 2.40 -0.02	36.62 2.39 -0.02	35.32 2.25 0.00	34.90 2.34 0.00	35.50 2.29 0.00	40.05 2.65 -0.02	47.31 2.97 -0.02	58.57 3.32 0.00	54.50 2.99 0.00	47.17 2.71 -0.02	41.15 2.07 0.00	38.38 1.44 0.00
GLOBAL GREEN_PORT_GT1 23814	39.37 1.70 0.00	35.62 0.90 0.00	35.31 1.06 0.00	35.59 0.83 0.00	35.33 0.25 0.00	38.48 0.19 0.00	49.92 2.47 0.00	53.64 2.46 0.00	53.89 3.24 -0.01	46.90 3.51 -0.01	44.16 3.08 -0.01	39.39 2.81 -0.99	36.56 2.26 -0.01	36.48 2.26 -0.01	34.59 1.52 0.00	34.34 1.79 0.00	34.97 1.76 0.00	39.33 1.94 -0.01	46.95 2.61 -0.01	58.18 2.93 0.00	53.72 2.21 0.00	46.81 2.35 -0.01	40.91 1.84 0.00	37.97 1.03 0.00
GLOBE___DSASP 323697	38.28 0.60 0.00	35.10 0.38 0.00	34.31 0.07 0.00	34.76 0.00 0.00	35.75 0.67 0.00	39.82 1.53 0.00	47.70 0.24 0.00	49.85 -1.33 0.00	48.87 -1.77 0.00	42.16 -1.21 0.00	40.37 -0.70 0.00	35.19 -0.39 0.00	33.64 -0.65 0.00	33.56 -0.65 0.00	32.37 -0.69 0.00	31.84 -0.72 0.00	32.01 -1.20 0.00	35.77 -1.61 0.00	42.37 -1.95 0.00	53.10 -2.15 0.00	49.45 -2.06 0.00	42.76 -1.69 0.00	37.98 -1.09 0.00	36.46 -0.48 0.00
GOETHSLN___LBMP 323567	39.29 1.62 0.00	36.08 1.35 0.00	35.37 1.13 0.00	35.77 1.01 0.00	35.85 0.77 0.00	39.29 1.00 0.00	49.36 1.90 0.00	53.74 2.56 0.00	53.17 2.53 0.00	45.81 2.43 0.00	43.45 2.38 0.00	37.75 2.17 0.00	36.38 2.09 0.00	36.30 2.09 0.00	35.08 2.02 0.00	34.64 2.08 0.00	35.23 2.03 0.00	39.66 2.28 0.00	46.76 2.44 0.00	57.85 2.60 0.00	54.09 2.58 0.00	46.58 2.13 0.00	40.68 1.60 0.00	38.01 1.07 0.00
GOLAH___69_KV_TB 1_2 80279	38.61 0.94 0.00	35.52 0.80 0.00	34.89 0.65 0.00	35.42 0.66 0.00	36.17 1.09 0.00	40.05 1.76 0.00	48.98 1.52 0.00	52.00 0.82 0.00	51.15 0.51 0.00	43.81 0.43 0.00	41.57 0.49 0.00	36.01 0.43 0.00	34.39 0.10 0.00	34.21 0.00 0.00	33.00 -0.07 0.00	32.42 -0.13 0.00	32.78 -0.43 0.00	36.82 -0.56 0.00	43.84 -0.49 0.00	54.98 -0.28 0.00	51.20 -0.31 0.00	44.22 -0.22 0.00	39.04 -0.04 0.00	37.13 0.18 0.00

GOODYEAR_LAKE_HYD 323669	39.18 1.51 0.00	36.04 1.32 0.00	35.65 1.40 0.00	36.18 1.43 0.00	36.45 1.37 0.00	39.78 1.49 0.00	49.55 2.09 0.00	53.48 2.30 0.00	52.87 2.23 0.00	45.03 1.65 0.00	42.55 1.48 0.00	36.76 1.17 0.00	35.45 1.17 0.00	35.31 1.09 0.00	34.09 1.03 0.00	33.56 1.01 0.00	34.24 1.03 0.00	38.69 1.31 0.00	46.10 1.77 0.00	57.58 2.32 0.00	53.67 2.16 0.00	46.31 1.87 0.00	40.60 1.52 0.00	38.23 1.29 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	38.43 0.75 0.00	35.35 0.62 0.00	34.82 0.58 0.00	35.35 0.59 0.00	35.82 0.74 0.00	39.25 0.96 0.00	48.55 1.09 0.00	52.10 0.92 0.00	51.35 0.71 0.00	43.94 0.56 0.00	41.61 0.53 0.00	36.08 0.50 0.00	34.66 0.38 0.00	34.59 0.38 0.00	33.40 0.33 0.00	32.85 0.29 0.00	33.41 0.20 0.00	37.61 0.22 0.00	44.77 0.44 0.00	55.86 0.61 0.00	52.08 0.57 0.00	44.89 0.44 0.00	39.47 0.39 0.00	37.46 0.52 0.00
GOUDEY___7 23579	38.43 0.75 0.00	35.35 0.62 0.00	34.82 0.58 0.00	35.35 0.59 0.00	35.82 0.74 0.00	39.25 0.96 0.00	48.55 1.09 0.00	52.10 0.92 0.00	51.35 0.71 0.00	43.94 0.56 0.00	41.61 0.53 0.00	36.08 0.50 0.00	34.66 0.38 0.00	34.59 0.38 0.00	33.40 0.33 0.00	32.85 0.29 0.00	33.41 0.20 0.00	37.61 0.22 0.00	44.77 0.44 0.00	55.86 0.61 0.00	52.08 0.57 0.00	44.89 0.44 0.00	39.47 0.39 0.00	37.46 0.52 0.00
GOUDEY___8 23580	38.43 0.75 0.00	35.35 0.62 0.00	34.82 0.58 0.00	35.35 0.59 0.00	35.82 0.74 0.00	39.25 0.96 0.00	48.55 1.09 0.00	52.10 0.92 0.00	51.35 0.71 0.00	43.94 0.56 0.00	41.61 0.53 0.00	36.08 0.50 0.00	34.66 0.38 0.00	34.59 0.38 0.00	33.40 0.33 0.00	32.85 0.29 0.00	33.41 0.20 0.00	37.61 0.22 0.00	44.77 0.44 0.00	55.86 0.61 0.00	52.08 0.57 0.00	44.89 0.44 0.00	39.47 0.39 0.00	37.46 0.52 0.00
GOWANUS_GT1_1 24077	53.28 2.30 -13.31	43.67 2.01 -6.93	36.02 1.78 0.00	36.43 1.67 0.00	36.52 1.44 0.00	39.98 1.68 0.00	53.42 2.71 -3.25	54.61 3.43 0.00	56.62 3.39 -2.58	55.32 3.21 -8.73	54.75 3.12 -10.56	53.94 2.78 -15.58	53.94 2.67 -16.98	53.90 2.67 -17.02	53.96 2.58 -18.31	55.04 2.64 -19.85	55.32 2.56 -19.55	55.35 2.88 -15.09	56.91 3.19 -9.39	58.62 3.37 0.00	57.67 3.40 -2.76	56.87 2.84 -9.58	53.00 2.23 -11.70	52.46 1.74 -13.78
GOWANUS_GT1_2 24078	53.28 2.30 -13.31	43.67 2.01 -6.93	36.02 1.78 0.00	36.43 1.67 0.00	36.52 1.44 0.00	39.98 1.68 0.00	53.42 2.71 -3.25	54.61 3.43 0.00	56.62 3.39 -2.58	55.32 3.21 -8.73	54.75 3.12 -10.56	53.94 2.78 -15.58	53.94 2.67 -16.98	53.90 2.67 -17.02	53.96 2.58 -18.31	55.04 2.64 -19.85	55.32 2.56 -19.55	55.35 2.88 -15.09	56.91 3.19 -9.39	58.62 3.37 0.00	57.67 3.40 -2.76	56.87 2.84 -9.58	53.00 2.23 -11.70	52.46 1.74 -13.78
GOWANUS_GT1_3 24079	53.28 2.30 -13.31	43.67 2.01 -6.93	36.02 1.78 0.00	36.43 1.67 0.00	36.52 1.44 0.00	39.98 1.68 0.00	53.42 2.71 -3.25	54.61 3.43 0.00	56.62 3.39 -2.58	55.32 3.21 -8.73	54.75 3.12 -10.56	53.94 2.78 -15.58	53.94 2.67 -16.98	53.90 2.67 -17.02	53.96 2.58 -18.31	55.04 2.64 -19.85	55.32 2.56 -19.55	55.35 2.88 -15.09	56.91 3.19 -9.39	58.62 3.37 0.00	57.67 3.40 -2.76	56.87 2.84 -9.58	53.00 2.23 -11.70	52.46 1.74 -13.78
GOWANUS_GT1_4 24080	53.28 2.30 -13.31	43.67 2.01 -6.93	36.02 1.78 0.00	36.43 1.67 0.00	36.52 1.44 0.00	39.98 1.68 0.00	53.42 2.71 -3.25	54.61 3.43 0.00	56.62 3.39 -2.58	55.32 3.21 -8.73	54.75 3.12 -10.56	53.94 2.78 -15.58	53.94 2.67 -16.98	53.90 2.67 -17.02	53.96 2.58 -18.31	55.04 2.64 -19.85	55.32 2.56 -19.55	55.35 2.88 -15.09	56.91 3.19 -9.39	58.62 3.37 0.00	57.67 3.40 -2.76	56.87 2.84 -9.58	53.00 2.23 -11.70	52.46 1.74 -13.78
GOWANUS_GT1_5 24084	53.28 2.30 -13.31	43.67 2.01 -6.93	36.02 1.78 0.00	36.43 1.67 0.00	36.52 1.44 0.00	39.98 1.68 0.00	53.42 2.71 -3.25	54.61 3.43 0.00	56.62 3.39 -2.58	55.32 3.21 -8.73	54.75 3.12 -10.56	53.94 2.78 -15.58	53.94 2.67 -16.98	53.90 2.67 -17.02	53.96 2.58 -18.31	55.04 2.64 -19.85	55.32 2.56 -19.55	55.35 2.88 -15.09	56.91 3.19 -9.39	58.62 3.37 0.00	57.67 3.40 -2.76	56.87 2.84 -9.58	53.00 2.23 -11.70	52.46 1.74 -13.78
GOWANUS_GT1_6 24111	53.28 2.30 -13.31	43.67 2.01 -6.93	36.02 1.78 0.00	36.43 1.67 0.00	36.52 1.44 0.00	39.98 1.68 0.00	53.42 2.71 -3.25	54.61 3.43 0.00	56.62 3.39 -2.58	55.32 3.21 -8.73	54.75 3.12 -10.56	53.94 2.78 -15.58	53.94 2.67 -16.98	53.90 2.67 -17.02	53.96 2.58 -18.31	55.04 2.64 -19.85	55.32 2.56 -19.55	55.35 2.88 -15.09	56.91 3.19 -9.39	58.62 3.37 0.00	57.67 3.40 -2.76	56.87 2.84 -9.58	53.00 2.23 -11.70	52.46 1.74 -13.78
GOWANUS_GT1_7 24112	53.28 2.30 -13.31	43.67 2.01 -6.93	36.02 1.78 0.00	36.43 1.67 0.00	36.52 1.44 0.00	39.98 1.68 0.00	53.42 2.71 -3.25	54.61 3.43 0.00	56.62 3.39 -2.58	55.32 3.21 -8.73	54.75 3.12 -10.56	53.94 2.78 -15.58	53.94 2.67 -16.98	53.90 2.67 -17.02	53.96 2.58 -18.31	55.04 2.64 -19.85	55.32 2.56 -19.55	55.35 2.88 -15.09	56.91 3.19 -9.39	58.62 3.37 0.00	57.67 3.40 -2.76	56.87 2.84 -9.58	53.00 2.23 -11.70	52.46 1.74 -13.78
GOWANUS_GT1_8 24113	53.28 2.30 -13.31	43.67 2.01 -6.93	36.02 1.78 0.00	36.43 1.67 0.00	36.52 1.44 0.00	39.98 1.68 0.00	53.42 2.71 -3.25	54.61 3.43 0.00	56.62 3.39 -2.58	55.32 3.21 -8.73	54.75 3.12 -10.56	53.94 2.78 -15.58	53.94 2.67 -16.98	53.90 2.67 -17.02	53.96 2.58 -18.31	55.04 2.64 -19.85	55.32 2.56 -19.55	55.35 2.88 -15.09	56.91 3.19 -9.39	58.62 3.37 0.00	57.67 3.40 -2.76	56.87 2.84 -9.58	53.00 2.23 -11.70	52.46 1.74 -13.78
GOWANUS_GT2_1 24114	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13.79
GOWANUS_GT2_2 24115	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13.79
GOWANUS_GT2_3 24116	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13.79

GOWANUS_GT2_4 24117	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13.79
GOWANUS_GT2_5 24118	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13.79
GOWANUS_GT2_6 24119	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13.79
GOWANUS_GT2_7 24120	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13.79
GOWANUS_GT2_8 24121	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13.79
GOWANUS_GT3_1 24122	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13.79
GOWANUS_GT3_2 24123	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13

GOWANUS_GT4_3 24132	53.28 2.30 -13.31	43.67 2.01 -6.93	36.02 1.78 0.00	36.43 1.67 0.00	36.52 1.44 0.00	39.98 1.68 0.00	53.42 2.71 -3.25	54.61 3.43 0.00	56.62 3.39 -2.58	55.32 3.21 -8.73	54.75 3.12 -10.56	53.94 2.78 -15.58	53.94 2.67 -16.98	53.90 2.67 -17.02	53.96 2.58 -18.31	55.04 2.64 -19.85	55.32 2.56 -19.55	55.35 2.88 -15.09	56.91 3.19 -9.39	58.62 3.37 0.00	57.67 3.40 -2.76	56.87 2.84 -9.58	53.00 2.23 -11.70	52.46 1.74 -13.78
GOWANUS_GT4_4 24133	53.28 2.30 -13.31	43.67 2.01 -6.93	36.02 1.78 0.00	36.43 1.67 0.00	36.52 1.44 0.00	39.98 1.68 0.00	53.42 2.71 -3.25	54.61 3.43 0.00	56.62 3.39 -2.58	55.32 3.21 -8.73	54.75 3.12 -10.56	53.94 2.78 -15.58	53.94 2.67 -16.98	53.90 2.67 -17.02	53.96 2.58 -18.31	55.04 2.64 -19.85	55.32 2.56 -19.55	55.35 2.88 -15.09	56.91 3.19 -9.39	58.62 3.37 0.00	57.67 3.40 -2.76	56.87 2.84 -9.58	53.00 2.23 -11.70	52.46 1.74 -13.78
GOWANUS_GT4_5 24134	53.28 2.30 -13.31	43.67 2.01 -6.93	36.02 1.78 0.00	36.43 1.67 0.00	36.52 1.44 0.00	39.98 1.68 0.00	53.42 2.71 -3.25	54.61 3.43 0.00	56.62 3.39 -2.58	55.32 3.21 -8.73	54.75 3.12 -10.56	53.94 2.78 -15.58	53.94 2.67 -16.98	53.90 2.67 -17.02	53.96 2.58 -18.31	55.04 2.64 -19.85	55.32 2.56 -19.55	55.35 2.88 -15.09	56.91 3.19 -9.39	58.62 3.37 0.00	57.67 3.40 -2.76	56.87 2.84 -9.58	53.00 2.23 -11.70	52.46 1.74 -13.78
GOWANUS_GT4_6 24135	53.28 2.30 -13.31	43.67 2.01 -6.93	36.02 1.78 0.00	36.43 1.67 0.00	36.52 1.44 0.00	39.98 1.68 0.00	53.42 2.71 -3.25	54.61 3.43 0.00	56.62 3.39 -2.58	55.32 3.21 -8.73	54.75 3.12 -10.56	53.94 2.78 -15.58	53.94 2.67 -16.98	53.90 2.67 -17.02	53.96 2.58 -18.31	55.04 2.64 -19.85	55.32 2.56 -19.55	55.35 2.88 -15.09	56.91 3.19 -9.39	58.62 3.37 0.00	57.67 3.40 -2.76	56.87 2.84 -9.58	53.00 2.23 -11.70	52.46 1.74 -13.78
GOWANUS_GT4_7 24136	53.28 2.30 -13.31	43.67 2.01 -6.93	36.02 1.78 0.00	36.43 1.67 0.00	36.52 1.44 0.00	39.98 1.68 0.00	53.42 2.71 -3.25	54.61 3.43 0.00	56.62 3.39 -2.58	55.32 3.21 -8.73	54.75 3.12 -10.56	53.94 2.78 -15.58	53.94 2.67 -16.98	53.90 2.67 -17.02	53.96 2.58 -18.31	55.04 2.64 -19.85	55.32 2.56 -19.55	55.35 2.88 -15.09	56.91 3.19 -9.39	58.62 3.37 0.00	57.67 3.40 -2.76	56.87 2.84 -9.58	53.00 2.23 -11.70	52.46 1.74 -13.78
GOWANUS_GT4_8 24137	53.28 2.30 -13.31	43.67 2.01 -6.93	36.02 1.78 0.00	36.43 1.67 0.00	36.52 1.44 0.00	39.98 1.68 0.00	53.42 2.71 -3.25	54.61 3.43 0.00	56.62 3.39 -2.58	55.32 3.21 -8.73	54.75 3.12 -10.56	53.94 2.78 -15.58	53.94 2.67 -16.98	53.90 2.67 -17.02	53.96 2.58 -18.31	55.04 2.64 -19.85	55.32 2.56 -19.55	55.35 2.88 -15.09	56.91 3.19 -9.39	58.62 3.37 0.00	57.67 3.40 -2.76	56.87 2.84 -9.58	53.00 2.23 -11.70	52.46 1.74 -13.78
GREENBSH_115KV_TB3 55895	38.20 0.53 0.00	35.17 0.45 0.00	34.69 0.45 0.00	35.17 0.42 0.00	35.36 0.28 0.00	38.44 0.15 0.00	47.74 0.28 0.00	51.69 0.51 0.00	50.99 0.35 0.00	43.77 0.39 0.00	41.36 0.29 0.00	35.87 0.28 0.00	34.70 0.41 0.00	34.66 0.44 0.00	33.50 0.43 0.00	33.01 0.46 0.00	33.67 0.46 0.00	37.76 0.37 0.00	44.90 0.58 0.00	55.97 0.72 0.00	52.08 0.57 0.00	44.89 0.44 0.00	39.31 0.23 0.00	36.98 0.04 0.00
GREENDGE_115KV_TB5 80291	38.65 0.98 0.00	35.56 0.83 0.00	35.00 0.75 0.00	35.56 0.80 0.00	36.17 1.09 0.00	39.86 1.57 0.00	49.17 1.71 0.00	52.15 0.97 0.00	51.55 0.91 0.00	43.94 0.56 0.00	41.65 0.58 0.00	36.08 0.50 0.00	34.53 0.24 0.00	34.42 0.21 0.00	33.23 0.17 0.00	32.68 0.13 0.00	33.24 0.03 0.00	37.49 0.11 0.00	44.90 0.58 0.00	55.70 0.44 0.00	51.92 0.41 0.00	45.16 0.71 0.00	39.70 0.63 0.00	37.68 0.74 0.00
GREENIDGE___3 23582	38.65 0.98 0.00	35.56 0.83 0.00	35.00 0.75 0.00	35.56 0.80 0.00	36.17 1.09 0.00	39.86 1.57 0.00	49.17 1.71 0.00	52.15 0.97 0.00	51.55 0.91 0.00	43.94 0.56 0.00	41.65 0.58 0.00	36.08 0.50 0.00	34.53 0.24 0.00	34.42 0.21 0.00	33.23 0.17 0.00	32.68 0.13 0.00	33.24 0.03 0.00	37.49 0.11 0.00	44.90 0.58 0.00	55.70 0.44 0.00	51.92 0.41 0.00	45.16 0.71 0.00	39.70 0.63 0.00	37.68 0.74 0.00
GREENIDGE___4 23583	38.73 1.05 0.00	35.62 0.90 0.00	35.00 0.75 0.00	35.56 0.80 0.00	36.17 1.09 0.00	39.90 1.61 0.00	49.16 1.71 0.00	52.77 1.59 0.00	51.55 0.91 0.00	43.94 0.56 0.00	41.65 0.57 0.00	36.08 0.50 0.00	34.53 0.24 0.00	34.42 0.21 0.00	33.23 0.17 0.00	32.65 0.10 0.00	33.24 0.03 0.00	37.46 0.07 0.00	44.81 0.49 0.00	55.69 0.44 0.00	52.39 0.87 0.00	45.11 0.67 0.00	39.70 0.62 0.00	37.68 0.74 0.00
GREENLWN_69_KV_BK 3 55738	39.74 2.07 0.00	36.42 1.70 0.00	35.65 1.40 0.00	36.01 1.25 0.00	35.99 0.91 0.00	39.40 1.11 0.00	50.26 2.80 0.00	54.25 3.07 0.00	53.84 3.19 -0.01	46.42 3.04 -0.01	43.96 2.88 -0.01	39.20 2.60 -1.02	36.76 2.47 -0.01	36.65 2.43 -0.01	35.28 2.22 0.00	34.90 2.34 0.00	35.57 2.36 0.00	40.12 2.73 -0.01	47.39 3.06 -0.01	58.51 3.26 0.00	54.40 2.88 0.00	47.30 2.84 -0.01	41.22 2.15 0.00	38.35 1.40 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	53.28 2.30 -13.31	43.67 2.01 -6.93	36.02 1.78 0.00	36.43 1.67 0.00	36.52 1.44 0.00	39.98 1.68 0.00	53.42 2.71 -3.25	54.61 3.43 0.00	56.62 3.39 -2.58	55.32 3.21 -8.73	54.75 3.12 -10.56	53.94 2.78 -15.58	53.94 2.67 -16.98	53.90 2.67 -17.02	53.96 2.58 -18.31	55.04 2.64 -19.85	55.32 2.56 -19.55	55.35 2.88 -15.09	56.91 3.19 -9.39	58.62 3.37 0.00	57.67 3.40 -2.76	56.87 2.84 -9.58	53.00 2.23 -11.70	52.46 1.74 -13.78
GRISSOM___SOLAR 323813	40.09 2.41 0.00	36.81 2.08 0.00	36.33 2.09 0.00	36.95 2.19 0.00	37.08 2.00 0.00	40.51 2.22 0.00	50.64 3.18 0.00	54.61 3.43 0.00	53.78 3.14 0.00	45.50 2.12 0.00	42.80 1.72 0.00	36.90 1.32 0.00	35.59 1.30 0.00	35.41 1.20 0.00	34.16 1.09 0.00	33.66 1.11 0.00	34.47 1.26 0.00	39.33 1.94 0.00	47.34 3.02 0.00	59.34 4.09 0.00	55.32 3.81 0.00	47.56 3.11 0.00	41.69 2.62 0.00	39.12 2.18 0.00
GROVEVILLE___HYD 323602	39.33 1.66 0.00	36.15 1.42 0.00	35.54 1.30 0.00	35.97 1.22 0.00	36.10 1.02 0.00	39.44 1.15 0.00	49.45 1.99 0.00	53.74 2.56 0.00	52.92 2.28 0.00	45.55 2.17 0.00	43.13 2.05 0.00	37.36 1.78 0.00	35.97 1.68 0.00	35.85 1.64 0.00	34.75 1.69 0.00	34.28 1.73 0.00	34.90 1.69 0.00	39.33 1.94 0.00	46.59 2.26 0.00	58.13 2.87 0.00	54.03 2.52 0.00	46.53 2.09 0.00	40.64 1.56 0.00	38.09 1.15 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.05 0.38 0.00	35.03 0.31 0.00	34.52 0.27 0.00	35.04 0.28 0.00	35.43 0.35 0.00	38.71 0.42 0.00	47.84 0.38 0.00	51.54 0.36 0.00	50.84 0.20 0.00	43.51 0.13 0.00	41.20 0.12 0.00	35.73 0.14 0.00	34.32 0.03 0.00	34.25 0.03 0.00	33.07 0.00 0.00	32.52 -0.03 0.00	33.11 -0.10 0.00	37.23 -0.15 0.00	44.33 0.00 0.00	55.25 0.00 0.00	51.51 0.00 0.00	44.49 0.04 0.00	39.15 0.08 0.00	37.13 0.18 0.00

HAMLTNNY_34_KV_TB 80303	38.16 0.49 0.00	35.10 0.38 0.00	34.59 0.34 0.00	35.14 0.38 0.00	35.57 0.49 0.00	38.87 0.57 0.00	48.03 0.57 0.00	51.69 0.51 0.00	50.99 0.35 0.00	43.59 0.22 0.00	41.32 0.25 0.00	35.80 0.21 0.00	34.39 0.10 0.00	34.31 0.10 0.00	33.13 0.07 0.00	32.59 0.03 0.00	33.18 -0.03 0.00	37.31 -0.07 0.00	44.41 0.09 0.00	55.42 0.17 0.00	51.67 0.15 0.00	44.62 0.18 0.00	39.27 0.20 0.00	37.24 0.30 0.00
HAMPSHIRE___PAPER_HYD 323593	36.02 -1.66 0.00	33.33 -1.39 0.00	32.94 -1.30 0.00	33.51 -1.25 0.00	33.78 -1.30 0.00	36.95 -1.34 0.00	45.99 -1.47 0.00	49.65 -1.53 0.00	49.17 -1.47 0.00	41.77 -1.60 0.00	39.47 -1.60 0.00	34.12 -1.46 0.00	32.88 -1.41 0.00	32.81 -1.40 0.00	31.71 -1.36 0.00	31.25 -1.30 0.00	32.08 -1.13 0.00	36.26 -1.12 0.00	43.17 -1.15 0.00	54.04 -1.22 0.00	50.43 -1.08 0.00	43.60 -0.85 0.00	38.33 -0.74 0.00	36.13 -0.81 0.00
HARDSCRABBLE_WT_PWR 323673	35.37 -2.30 0.00	32.71 -2.01 0.00	32.43 -1.82 0.00	32.95 -1.81 0.00	33.18 -1.89 0.00	36.30 -1.99 0.00	45.23 -2.23 0.00	49.13 -2.05 0.00	48.72 -1.92 0.00	41.51 -1.86 0.00	39.27 -1.81 0.00	34.02 -1.56 0.00	32.85 -1.44 0.00	32.81 -1.40 0.00	31.74 -1.32 0.00	31.38 -1.17 0.00	32.18 -1.03 0.00	36.37 -1.01 0.00	43.39 -0.93 0.00	54.26 -0.99 0.00	50.63 -0.88 0.00	43.87 -0.58 0.00	38.61 -0.47 0.00	36.39 -0.55 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.07 1.39 0.00	35.90 1.18 0.00	35.30 1.06 0.00	35.70 0.94 0.00	35.85 0.77 0.00	39.21 0.92 0.00	49.12 1.66 0.00	53.33 2.15 0.00	52.61 1.97 0.00	45.29 1.91 0.00	42.92 1.85 0.00	37.22 1.64 0.00	35.83 1.54 0.00	35.75 1.54 0.00	34.59 1.52 0.00	34.15 1.60 0.00	34.77 1.56 0.00	39.14 1.76 0.00	46.36 2.04 0.00	57.74 2.49 0.00	53.73 2.21 0.00	46.27 1.82 0.00	40.44 1.37 0.00	37.90 0.96 0.00
HARSNRAD_115KV_TB1 81005	38.31 0.64 0.00	35.21 0.49 0.00	34.41 0.17 0.00	34.86 0.10 0.00	35.85 0.77 0.00	39.86 1.57 0.00	48.41 0.95 0.00	50.67 -0.51 0.00	49.63 -1.01 0.00	42.73 -0.65 0.00	40.87 -0.21 0.00	35.58 0.00 0.00	34.01 -0.27 0.00	33.94 -0.27 0.00	32.74 -0.33 0.00	32.20 -0.36 0.00	32.41 -0.80 0.00	36.26 -1.12 0.00	43.04 -1.29 0.00	53.98 -1.27 0.00	50.27 -1.24 0.00	43.42 -1.02 0.00	38.53 -0.55 0.00	36.87 -0.07 0.00
HARZA MOOSE___RIVER 24016	37.33 -0.34 0.00	34.44 -0.28 0.00	34.04 -0.21 0.00	34.58 -0.17 0.00	34.83 -0.25 0.00	38.14 -0.15 0.00	47.36 -0.09 0.00	51.18 0.00 0.00	50.69 0.05 0.00	43.03 -0.35 0.00	40.66 -0.41 0.00	35.26 -0.32 0.00	33.94 -0.34 0.00	33.87 -0.34 0.00	32.70 -0.36 0.00	32.23 -0.33 0.00	32.98 -0.23 0.00	37.23 -0.15 0.00	44.46 0.13 0.00	55.64 0.39 0.00	51.87 0.36 0.00	44.85 0.40 0.00	39.39 0.31 0.00	37.13 0.18 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	37.82 0.15 0.00	34.83 0.10 0.00	34.31 0.07 0.00	34.83 0.07 0.00	35.22 0.14 0.00	38.48 0.19 0.00	47.55 0.09 0.00	51.18 0.00 0.00	50.54 -0.10 0.00	43.25 -0.13 0.00	40.99 -0.08 0.00	35.51 -0.07 0.00	34.15 -0.14 0.00	34.08 -0.14 0.00	32.90 -0.17 0.00	32.39 -0.16 0.00	32.94 -0.27 0.00	37.05 -0.34 0.00	44.06 -0.27 0.00	54.92 -0.33 0.00	51.20 -0.31 0.00	44.22 -0.22 0.00	38.92 -0.16 0.00	36.91 -0.04 0.00
HELLGATE_13_KV_LD 55870	39.72 2.03 -0.01	36.47 1.74 -0.01	35.78 1.54 0.00	36.15 1.39 0.00	36.24 1.16 0.00	39.67 1.38 0.00	49.74 2.28 0.00	54.20 3.02 0.00	53.63 2.99 0.00	46.20 2.82 0.00	43.82 2.75 0.00	38.07 2.49 0.00	36.70 2.40 -0.01	36.61 2.39 0.00	35.35 2.28 0.00	34.93 2.38 0.00	35.50 2.29 0.00	39.96 2.58 0.00	47.16 2.84 0.00	58.18 2.93 0.00	54.45 2.94 0.00	46.89 2.44 0.00	40.95 1.88 0.00	38.38 1.44 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.72 2.03 -0.01	36.47 1.74 -0.01	35.78 1.54 0.00	36.15 1.39 0.00	36.24 1.16 0.00	39.67 1.38 0.00	49.74 2.28 0.00	54.20 3.02 0.00	53.63 2.99 0.00	46.20 2.82 0.00	43.82 2.75 0.00	38.07 2.49 0.00	36.70 2.40 -0.01	36.61 2.39 0.00	35.35 2.28 0.00	34.93 2.38 0.00	35.50 2.29 0.00	39.96 2.58 0.00	47.16 2.84 0.00	58.18 2.93 0.00	54.45 2.94 0.00	46.89 2.44 0.00	40.95 1.88 0.00	38.38 1.44 0.00
HEMPSTEAD____ 23647	39.56 1.88 0.00	36.15 1.42 0.00	35.58 1.33 0.00	35.94 1.18 0.00	35.96 0.88 0.00	39.25 0.96 0.00	49.83 2.37 0.00	53.89 2.71 0.00	53.64 2.99 -0.01	46.21 2.82 -0.01	43.80 2.71 -0.02	39.49 2.42 -1.49	36.66 2.36 -0.01	36.55 2.33 -0.01	35.22 2.15 0.00	34.83 2.28 0.00	35.47 2.26 0.00	40.01 2.62 -0.01	47.44 3.10 -0.01	58.68 3.43 0.00	54.45 2.93 0.00	47.35 2.89 -0.01	41.34 2.27 0.00	38.38 1.44 0.00
HEWLETT_69_KV_BK3 55828	39.93 2.26 0.00	36.60 1.87 0.00	35.85 1.61 0.00	36.22 1.46 0.00	36.20 1.12 0.00	39.71 1.42 0.00	50.50 3.04 0.00	54.56 3.38 0.00	54.05 3.39 -0.01	46.56 3.17 -0.01	44.09 3.00 -0.02	39.80 2.63 -1.58	36.91 2.61 -0.01	36.83 2.60 -0.01	35.48 2.41 0.00	35.09 2.54 0.00	35.73 2.52 0.00	40.31 2.92 -0.01	47.57 3.24 -0.01	58.85 3.59 0.00	54.70 3.19 0.00	47.53 3.07 -0.01	41.46 2.38 0.00	38.60 1.66 0.00
HICKLING___1 23621	38.65 0.98 0.00	35.62 0.90 0.00	35.00 0.75 0.00	35.56 0.80 0.00	36.20 1.12 0.00	39.94 1.65 0.00	49.21 1.76 0.00	52.41 1.23 0.00	51.45 0.81 0.00	43.94 0.56 0.00	41.65 0.58 0.00	36.15 0.57 0.00	34.63 0.34 0.00	34.55 0.34 0.00	33.33 0.26 0.00	32.75 0.20 0.00	33.24 0.03 0.00	37.46 0.07 0.00	44.81 0.49 0.00	55.92 0.66 0.00	52.18 0.67 0.00	44.98 0.53 0.00	39.54 0.47 0.00	37.64 0.70 0.00
HICKLING___2 23622	38.65 0.98 0.00	35.62 0.90 0.00	35.00 0.75 0.00	35.56 0.80 0.00	36.20 1.12 0.00	39.94 1.65 0.00	49.21 1.76 0.00	52.41 1.23 0.00	51.45 0.81 0.00	43.94 0.56 0.00	41.65 0.58 0.00	36.15 0.57 0.00	34.63 0.34 0.00	34.55 0.34 0.00	33.33 0.26 0.00	32.75 0.20 0.00	33.24 0.03 0.00	37.46 0.07 0.00	44.81 0.49 0.00	55.92 0.66 0.00	52.18 0.67 0.00	44.98 0.53 0.00	39.54 0.47 0.00	37.64 0.70 0.00
HIGH FALLS___HY 23754	39.22 1.54 0.00	36.01 1.28 0.00	35.41 1.16 0.00	35.80 1.04 0.00	35.99 0.91 0.00	39.32 1.03 0.00	49.36 1.90 0.00	53.59 2.41 0.00	52.77 2.13 0.00	45.37 2.00 0.00	43.00 1.93 0.00	37.26 1.67 0.00	35.86 1.58 0.00	35.79 1.57 0.00	34.65 1.59 0.00	34.18 1.63 0.00	34.84 1.63 0.00	39.29 1.91 0.00	46.50 2.17 0.00	58.07 2.82 0.00	53.98 2.47 0.00	46.45 2.00 0.00	40.60 1.52 0.00	38.01 1.07 0.00
HIGH_RIVER___SOLAR 323847	39.29 1.62 0.00	36.15 1.42 0.00	35.65 1.40 0.00	36.22 1.46 0.00	36.41 1.33 0.00	39.67 1.38 0.00	49.50 2.04 0.00	53.33 2.15 0.00	52.56 1.92 0.00	44.59 1.21 0.00	41.94 0.86 0.00	36.22 0.64 0.00	34.97 0.69 0.00	34.90 0.68 0.00	33.63 0.56 0.00	33.20 0.65 0.00	34.00 0.80 0.00	38.69 1.31 0.00	46.41 2.08 0.00	58.02 2.76 0.00	54.03 2.52 0.00	46.53 2.09 0.00	40.79 1.72 0.00	38.35 1.40 0.00

HILLBURN___GT 23639	39.03 1.35 0.00	35.87 1.14 0.00	35.27 1.03 0.00	35.70 0.94 0.00	35.82 0.74 0.00	39.06 0.77 0.00	49.07 1.61 0.00	53.28 2.10 0.00	52.72 2.08 0.00	45.37 2.00 0.00	43.04 1.97 0.00	37.33 1.74 0.00	35.97 1.68 0.00	35.89 1.68 0.00	34.69 1.62 0.00	34.28 1.72 0.00	34.84 1.63 0.00	39.25 1.87 0.00	46.63 2.30 0.00	57.96 2.71 0.00	53.88 2.37 0.00	46.49 2.05 0.00	40.56 1.48 0.00	37.97 1.03 0.00
HILLSIDE_115KV_TB1 80332	38.20 0.53 0.00	35.14 0.42 0.00	34.52 0.27 0.00	35.07 0.31 0.00	35.68 0.60 0.00	39.29 1.00 0.00	48.45 1.00 0.00	51.59 0.41 0.00	50.74 0.10 0.00	43.38 0.00 0.00	41.15 0.08 0.00	35.73 0.14 0.00	34.25 -0.03 0.00	34.18 -0.03 0.00	32.97 -0.10 0.00	32.42 -0.13 0.00	32.94 -0.27 0.00	37.08 -0.30 0.00	44.24 -0.09 0.00	55.20 -0.06 0.00	51.46 -0.05 0.00	44.36 -0.09 0.00	39.00 -0.08 0.00	37.16 0.22 0.00
HISHELDN_WT_PWR 323625	38.20 0.53 0.00	35.21 0.49 0.00	34.45 0.21 0.00	34.97 0.21 0.00	35.85 0.77 0.00	39.82 1.53 0.00	48.60 1.14 0.00	51.44 0.26 0.00	49.93 -0.71 0.00	42.73 -0.65 0.00	40.70 -0.37 0.00	35.41 -0.18 0.00	33.84 -0.45 0.00	33.80 -0.41 0.00	32.60 -0.46 0.00	32.00 -0.55 0.00	32.41 -0.80 0.00	36.34 -1.05 0.00	43.48 -0.84 0.00	54.53 -0.72 0.00	50.95 -0.57 0.00	43.73 -0.71 0.00	38.65 -0.43 0.00	36.87 -0.07 0.00
HOLTSVILLE_IC_1 23690	39.52 1.85 0.00	35.90 1.18 0.00	35.47 1.23 0.00	35.80 1.04 0.00	35.64 0.56 0.00	38.79 0.50 0.00	49.78 2.32 0.00	53.49 2.31 0.00	53.58 2.94 -0.01	46.42 3.04 -0.01	43.88 2.79 -0.01	39.17 2.60 -0.99	36.70 2.40 -0.01	36.62 2.39 -0.01	34.95 1.88 0.00	34.61 2.05 0.00	35.30 2.09 0.00	39.71 2.32 -0.01	47.21 2.88 -0.01	58.18 2.93 0.00	53.93 2.42 0.00	47.17 2.71 -0.01	41.11 2.03 0.00	38.09 1.15 0.00
HOLTSVILLE_IC_10 23699	39.67 2.00 0.00	36.04 1.32 0.00	35.61 1.37 0.00	35.94 1.18 0.00	35.78 0.70 0.00	38.94 0.65 0.00	49.97 2.51 0.00	53.74 2.56 0.00	53.89 3.24 -0.01	46.68 3.30 -0.01	44.12 3.04 -0.01	39.39 2.81 -1.00	36.87 2.57 -0.01	36.79 2.57 -0.01	35.09 2.02 0.00	34.77 2.21 0.00	35.43 2.23 0.00	39.90 2.50 -0.01	47.44 3.10 -0.01	58.46 3.20 0.00	54.19 2.68 0.00	47.39 2.93 -0.01	41.30 2.23 0.00	38.23 1.29 0.00
HOLTSVILLE_IC_2 23691	39.52 1.85 0.00	35.90 1.18 0.00	35.47 1.23 0.00	35.80 1.04 0.00	35.64 0.56 0.00	38.79 0.50 0.00	49.78 2.32 0.00	53.49 2.31 0.00	53.58 2.94 -0.01	46.42 3.04 -0.01	43.88 2.79 -0.01	39.17 2.60 -0.99	36.70 2.40 -0.01	36.62 2.39 -0.01	34.95 1.88 0.00	34.61 2.05 0.00	35.30 2.09 0.00	39.71 2.32 -0.01	47.21 2.88 -0.01	58.18 2.93 0.00	53.93 2.42 0.00	47.17 2.71 -0.01	41.11 2.03 0.00	38.09 1.15 0.00
HOLTSVILLE_IC_3 23692	39.52 1.85 0.00	35.90 1.18 0.00	35.47 1.23 0.00	35.80 1.04 0.00	35.64 0.56 0.00	38.79 0.50 0.00	49.78 2.32 0.00	53.49 2.31 0.00	53.58 2.94 -0.01	46.42 3.04 -0.01	43.88 2.79 -0.01	39.17 2.60 -0.99	36.70 2.40 -0.01	36.62 2.39 -0.01	34.95 1.88 0.00	34.61 2.05 0.00	35.30 2.09 0.00	39.71 2.32 -0.01	47.21 2.88 -0.01	58.18 2.93 0.00	53.93 2.42 0.00	47.17 2.71 -0.01	41.11 2.03 0.00	38.09 1.15 0.00
HOLTSVILLE_IC_4 23693	39.52 1.85 0.00	35.90 1.18 0.00	35.47 1.23 0.00	35.80 1.04 0.00	35.64 0.56 0.00	38.79 0.50 0.00	49.78 2.32 0.00	53.49 2.31 0.00	53.58 2.94 -0.01	46.42 3.04 -0.01	43.88 2.79 -0.01	39.17 2.60 -0.99	36.70 2.40 -0.01	36.62 2.39 -0.01	34.95 1.88 0.00	34.61 2.05 0.00	35.30 2.09 0.00	39.71 2.32 -0.01	47.21 2.88 -0.01	58.18 2.93 0.00	53.93 2.42 0.00	47.17 2.71 -0.01	41.11 2.03 0.00	38.09 1.15 0.00
HOLTSVILLE_IC_5 23694	39.52 1.85 0.00	35.90 1.18 0.00	35.47 1.23 0.00	35.80 1.04 0.00	35.64 0.56 0.00	38.79 0.50 0.00	49.78 2.32 0.00	53.49 2.31 0.00	53.58 2.94 -0.01	46.42 3.04 -0.01	43.88 2.79 -0.01	39.17 2.60 -0.99	36.70 2.40 -0.01	36.62 2.39 -0.01	34.95 1.88 0.00	34.61 2.05 0.00	35.30 2.09 0.00	39.71 2.32 -0.01	47.21 2.88 -0.01	58.18 2.93 0.00	53.93 2.42 0.00	47.17 2.71 -0.01	41.11 2.03 0.00	38.09 1.15 0.00
HOLTSVILLE_IC_6 23695	39.67 2.00 0.00	36.04 1.32 0.00	35.61 1.37 0.00	35.94 1.18 0.00	35.78 0.70 0.00	38.94 0.65 0.00	49.97 2.51 0.00	53.74 2.56 0.00	53.89 3.24 -0.01	46.68 3.30 -0.01	44.12 3.04 -0.01	39.39 2.81 -1.00	36.87 2.57 -0.01	36.79 2.57 -0.01	35.09 2.02 0.00	34.77 2.21 0.00	35.43 2.23 0.00	39.90 2.50 -0.01	47.44 3.10 -0.01	58.46 3.20 0.00	54.19 2.68 0.00	47.39 2.93 -0.01	41.30 2.23 0.00	38.23 1.29 0.00
HOLTSVILLE_IC_7 23696	39.67 2.00 0.00	36.04 1.32 0.00	35.61 1.37 0.00	35.94 1.18 0.00	35.78 0.70 0.00	38.94 0.65 0.00	49.97 2.51 0.00	53.74 2.56 0.00	53.89 3.24 -0.01	46.68 3.30 -0.01	44.12 3.04 -0.01	39.39 2.81 -1.00	36.87 2.57 -0.01	36.79 2.57 -0.01	35.09 2.02 0.00	34.77 2.21 0.00	35.43 2.23 0.00	39.90 2.50 -0.01	47.44 3.10 -0.01	58.46 3.20 0.00	54.19 2.68 0.00	47.39 2.93 -0.01	41.30 2.23 0.00	38.23 1.29 0.00
HOLTSVILLE_IC_8 23697	39.67 2.00 0.00	36.04 1.32 0.00	35.61 1.37 0.00	35.94 1.18 0.00	35.78 0.70 0.00	38.94 0.65 0.00	49.97 2.51 0.00	53.74 2.56 0.00	53.89 3.24 -0.01	46.68 3.30 -0.01	44.12 3.04 -0.01	39.39 2.81 -1.00	36.87 2.57 -0.01	36.79 2.57 -0.01	35.09 2.02 0.00	34.77 2.21 0.00	35.43 2.23 0.00	39.90 2.50 -0.01	47.44 3.10 -0.01	58.46 3.20 0.00	54.19 2.68 0.00	47.39 2.93 -0.01	41.30 2.23 0.00	38.23 1.29 0.00
HOLTSVILLE_IC_9 23698	39.67 2.00 0.00	36.04 1.32 0.00	35.61 1.37 0.00	35.94 1.18 0.00	35.78 0.70 0.00	38.94 0.65 0.00	49.97 2.51 0.00	53.74 2.56 0.00	53.89 3.24 -0.01	46.68 3.30 -0.01	44.12 3.04 -0.01	39.39 2.81 -1.00	36.87 2.57 -0.01	36.79 2.57 -0.01	35.09 2.02 0.00	34.77 2.21 0.00	35.43 2.23 0.00	39.90 2.50 -0.01	47.44 3.10 -0.01	58.46 3.20 0.00	54.19 2.68 0.00	47.39 2.93 -0.01	41.30 2.23 0.00	38.23 1.29 0.00
HOMER_HL_115KV_TB2 355744	38.69 1.02 0.00	35.62 0.90 0.00	34.86 0.62 0.00	35.38 0.63 0.00	36.24 1.16 0.00	40.21 1.91 0.00	49.40 1.95 0.00	51.95 0.77 0.00	50.89 0.25 0.00	43.59 0.22 0.00	41.48 0.41 0.00	36.08 0.50 0.00	34.42 0.14 0.00	34.35 0.14 0.00	33.13 0.07 0.00	32.52 -0.03 0.00	32.94 -0.27 0.00	37.01 -0.37 0.00	44.01 -0.31 0.00	55.14 -0.11 0.00	51.36 -0.15 0.00	44.09 -0.36 0.00	38.84 -0.23 0.00	37.31 0.37 0.00
HOWARD_WT_PWR 323690	38.69 1.02 0.00	35.73 1.01 0.00	35.06 0.82 0.00	35.70 0.94 0.00	36.48 1.40 0.00	40.43 2.14 0.00	49.74 2.28 0.00	53.02 1.84 0.00	51.45 0.81 0.00	43.81 0.43 0.00	41.48 0.41 0.00	36.01 0.43 0.00	34.42 0.14 0.00	34.38 0.17 0.00	33.13 0.07 0.00	32.55 0.00 0.00	33.11 -0.10 0.00	37.35 -0.04 0.00	44.90 0.57 0.00	56.30 1.05 0.00	52.59 1.08 0.00	45.20 0.75 0.00	39.74 0.66 0.00	37.72 0.78 0.00

HQ_GEN_CEDARS 23644	37.41 -0.26 0.00	34.69 -0.03 0.00	34.21 -0.03 0.00	34.79 0.03 0.00	35.15 0.07 0.00	38.41 0.11 0.00	47.65 0.19 0.00	51.33 0.15 0.00	50.94 0.30 0.00	43.59 0.22 0.00	41.20 0.12 0.00	35.62 0.04 0.00	34.32 0.03 0.00	34.25 0.03 0.00	33.13 0.07 0.00	32.59 0.03 0.00	33.44 0.23 0.00	37.72 0.34 0.00	44.64 0.31 0.00	55.64 0.39 0.00	51.97 0.46 0.00	44.85 0.40 0.00	39.51 0.43 0.00	37.35 0.41 0.00
HQ_GEN_CEDARS_PROXY 323590	37.41 -0.26 0.00	34.69 -0.03 0.00	34.21 -0.03 0.00	34.79 0.03 0.00	35.15 0.07 0.00	38.37 0.08 0.00	47.65 0.19 0.00	51.34 0.15 0.00	50.95 0.31 0.00	43.60 0.22 0.00	41.20 0.12 0.00	35.62 0.04 0.00	34.32 0.03 0.00	34.25 0.03 0.00	33.13 0.07 0.00	32.59 0.03 0.00	33.44 0.23 0.00	37.72 0.34 0.00	44.64 0.31 0.00	55.64 0.39 0.00	51.97 0.46 0.00	44.84 0.40 0.00	39.55 0.47 0.00	37.35 0.41 0.00
HQ_GEN_IMPORT 323601	37.33 -0.34 0.00	34.51 -0.21 0.00	34.04 -0.20 0.00	34.58 -0.17 0.00	34.90 -0.17 0.00	38.14 -0.15 0.00	47.32 -0.14 0.00	50.98 -0.20 0.00	50.59 -0.05 0.00	43.33 -0.04 0.00	40.99 -0.08 0.00	35.48 -0.11 0.00	34.18 -0.10 0.00	34.14 -0.07 0.00	33.00 -0.07 0.00	32.49 -0.06 0.00	33.24 0.03 0.00	37.46 0.07 0.00	44.28 -0.04 0.00	55.20 -0.06 0.00	51.51 0.00 0.00	44.45 0.00 0.00	39.11 0.04 0.00	36.98 0.04 0.00
HQ_GEN_WHEEL 23651	37.33 -0.34 0.00	34.51 -0.21 0.00	34.04 -0.20 0.00	34.58 -0.17 0.00	34.90 -0.17 0.00	38.14 -0.15 0.00	47.32 -0.14 0.00	50.98 -0.20 0.00	50.59 -0.05 0.00	43.33 -0.04 0.00	40.99 -0.08 0.00	35.48 -0.11 0.00	34.18 -0.10 0.00	34.14 -0.07 0.00	33.00 -0.07 0.00	32.49 -0.06 0.00	33.24 0.03 0.00	37.46 0.07 0.00	44.28 -0.04 0.00	55.20 -0.06 0.00	51.51 0.00 0.00	44.45 0.00 0.00	39.11 0.04 0.00	36.98 0.04 0.00
HUDSON AVE_GT_3 23810	39.48 1.81 0.00	36.28 1.56 0.00	35.58 1.34 0.00	35.97 1.22 0.00	36.06 0.98 0.00	39.52 1.23 0.00	49.64 2.18 0.00	54.05 2.87 0.00	53.53 2.89 0.00	46.11 2.73 0.00	43.74 2.67 0.00	37.97 2.38 0.00	36.55 2.26 0.00	36.47 2.26 0.00	35.25 2.18 0.00	34.83 2.28 0.00	35.40 2.19 0.00	39.85 2.47 0.00	47.07 2.75 0.00	58.24 2.98 0.00	54.40 2.88 0.00	46.85 2.40 0.00	40.91 1.84 0.00	38.23 1.29 0.00
HUDSON AVE_GT_4 23540	39.48 1.81 0.00	36.28 1.56 0.00	35.58 1.34 0.00	35.97 1.22 0.00	36.06 0.98 0.00	39.52 1.23 0.00	49.64 2.18 0.00	54.05 2.87 0.00	53.53 2.89 0.00	46.11 2.73 0.00	43.74 2.67 0.00	37.97 2.38 0.00	36.55 2.26 0.00	36.47 2.26 0.00	35.25 2.18 0.00	34.83 2.28 0.00	35.40 2.19 0.00	39.85 2.47 0.00	47.07 2.75 0.00	58.24 2.98 0.00	54.40 2.88 0.00	46.85 2.40 0.00	40.91 1.84 0.00	38.23 1.29 0.00
HUDSON AVE_GT_5 23657	39.48 1.81 0.00	36.28 1.56 0.00	35.58 1.34 0.00	35.97 1.22 0.00	36.06 0.98 0.00	39.52 1.23 0.00	49.64 2.18 0.00	54.05 2.87 0.00	53.53 2.89 0.00	46.11 2.73 0.00	43.74 2.67 0.00	37.97 2.38 0.00	36.55 2.26 0.00	36.47 2.26 0.00	35.25 2.18 0.00	34.83 2.28 0.00	35.40 2.19 0.00	39.85 2.47 0.00	47.07 2.75 0.00	58.24 2.98 0.00	54.40 2.88 0.00	46.85 2.40 0.00	40.91 1.84 0.00	38.23 1.29 0.00
HUDSON_AVE_10 24168	39.41 1.73 0.00	36.18 1.46 0.00	35.51 1.27 0.00	35.90 1.15 0.00	35.99 0.91 0.00	39.48 1.19 0.00	49.59 2.14 0.00	54.05 2.87 0.00	53.48 2.84 0.00	46.02 2.65 0.00	43.66 2.59 0.00	37.90 2.31 0.00	36.52 2.23 0.00	36.44 2.22 0.00	35.22 2.15 0.00	34.80 2.25 0.00	35.37 2.16 0.00	39.81 2.43 0.00	47.03 2.70 0.00	58.24 2.98 0.00	54.40 2.88 0.00	46.80 2.36 0.00	40.87 1.80 0.00	38.20 1.26 0.00
HUDSON___115KV_TB 4 355613	38.88 1.21 0.00	35.80 1.08 0.00	35.30 1.06 0.00	35.80 1.04 0.00	35.96 0.88 0.00	39.13 0.84 0.00	48.64 1.19 0.00	52.61 1.43 0.00	51.65 1.01 0.00	44.16 0.78 0.00	41.65 0.58 0.00	36.01 0.43 0.00	34.80 0.51 0.00	34.76 0.55 0.00	33.63 0.56 0.00	33.17 0.62 0.00	33.87 0.66 0.00	38.17 0.79 0.00	45.57 1.24 0.00	57.08 1.82 0.00	53.06 1.55 0.00	45.69 1.24 0.00	40.05 0.98 0.00	37.68 0.74 0.00
HUNTER MOUNT___DRP 323613	39.07 1.39 0.00	35.94 1.22 0.00	35.44 1.20 0.00	35.94 1.18 0.00	36.13 1.05 0.00	39.29 1.00 0.00	48.83 1.38 0.00	52.77 1.59 0.00	51.65 1.01 0.00	44.16 0.78 0.00	41.61 0.53 0.00	35.94 0.36 0.00	34.73 0.45 0.00	34.69 0.48 0.00	33.60 0.53 0.00	33.11 0.55 0.00	33.84 0.63 0.00	38.13 0.75 0.00	45.61 1.29 0.00	57.30 2.04 0.00	53.21 1.70 0.00	45.82 1.38 0.00	40.17 1.09 0.00	37.87 0.92 0.00
HUNTINGTON_RES_REC 323705	39.67 2.00 0.00	36.15 1.42 0.00	35.61 1.37 0.00	35.94 1.18 0.00	35.89 0.81 0.00	39.13 0.84 0.00	50.02 2.56 0.00	53.89 2.71 0.00	53.84 3.19 -0.01	46.51 3.12 -0.01	44.00 2.92 -0.01	39.26 2.67 -1.00	36.80 2.50 -0.01	36.72 2.50 -0.01	35.19 2.12 0.00	34.87 2.31 0.00	35.53 2.32 0.00	40.08 2.69 -0.01	47.61 3.28 -0.01	58.74 3.48 0.00	54.45 2.93 0.00	47.48 3.02 -0.01	41.42 2.34 0.00	38.38 1.44 0.00
HUNTLEY___63 23557	38.88 1.21 0.00	35.69 0.97 0.00	34.89 0.65 0.00	35.35 0.59 0.00	36.34 1.26 0.00	40.43 2.14 0.00	48.93 1.47 0.00	51.28 0.10 0.00	50.29 -0.35 0.00	43.29 -0.09 0.00	41.40 0.33 0.00	36.01 0.43 0.00	34.39 0.10 0.00	34.31 0.10 0.00	33.13 0.07 0.00	32.52 -0.03 0.00	32.78 -0.43 0.00	36.67 -0.71 0.00	43.48 -0.84 0.00	54.59 -0.66 0.00	50.79 -0.72 0.00	43.87 -0.58 0.00	38.88 -0.20 0.00	37.24 0.30 0.00
HUNTLEY___64 23558	38.88 1.21 0.00	35.69 0.97 0.00	34.89 0.65 0.00	35.35 0.59 0.00	36.34 1.26 0.00	40.43 2.14 0.00	48.93 1.47 0.00	51.28 0.10 0.00	50.29 -0.35 0.00	43.29 -0.09 0.00	41.40 0.33 0.00	36.01 0.43 0.00	34.39 0.10 0.00	34.31 0.10 0.00	33.13 0.07 0.00	32.52 -0.03 0.00	32.78 -0.43 0.00	36.67 -0.71 0.00	43.48 -0.84 0.00	54.59 -0.66 0.00	50.79 -0.72 0.00	43.87 -0.58 0.00	38.88 -0.20 0.00	37.24 0.30 0.00
HUNTLEY___65 23559	38.88 1.21 0.00	35.69 0.97 0.00	34.89 0.65 0.00	35.35 0.59 0.00	36.34 1.26 0.00	40.43 2.14 0.00	48.93 1.47 0.00	51.28 0.10 0.00	50.29 -0.35 0.00	43.29 -0.09 0.00	41.40 0.33 0.00	36.01 0.43 0.00	34.39 0.10 0.00	34.31 0.10 0.00	33.13 0.07 0.00	32.52 -0.03 0.00	32.78 -0.43 0.00	36.67 -0.71 0.00	43.48 -0.84 0.00	54.59 -0.66 0.00	50.79 -0.72 0.00	43.87 -0.58 0.00	38.88 -0.20 0.00	37.24 0.30 0.00
HUNTLEY___66 23560	38.88 1.21 0.00	35.69 0.97 0.00	34.89 0.65 0.00	35.35 0.59 0.00	36.34 1.26 0.00	40.43 2.14 0.00	48.93 1.47 0.00	51.28 0.10 0.00	50.29 -0.35 0.00	43.29 -0.09 0.00	41.40 0.33 0.00	36.01 0.43 0.00	34.39 0.10 0.00	34.31 0.10 0.00	33.13 0.07 0.00	32.52 -0.03 0.00	32.78 -0.43 0.00	36.67 -0.71 0.00	43.48 -0.84 0.00	54.59 -0.66 0.00	50.79 -0.72 0.00	43.87 -0.58 0.00	38.88 -0.20 0.00	37.24 0.30 0.00

HUNTLEY___67 23561	38.50 0.83 0.00	35.35 0.62 0.00	34.55 0.31 0.00	35.00 0.24 0.00	35.99 0.91 0.00	40.05 1.76 0.00	48.69 1.23 0.00	51.03 -0.15 0.00	50.03 -0.61 0.00	43.07 -0.30 0.00	41.20 0.12 0.00	35.87 0.28 0.00	34.25 -0.03 0.00	34.18 -0.03 0.00	33.00 -0.07 0.00	32.42 -0.13 0.00	32.64 -0.56 0.00	36.56 -0.82 0.00	43.31 -1.02 0.00	54.32 -0.94 0.00	50.53 -0.98 0.00	43.65 -0.80 0.00	38.68 -0.39 0.00	37.05 0.11 0.00
HUNTLEY___68 23562	38.50 0.83 0.00	35.35 0.62 0.00	34.55 0.31 0.00	35.00 0.24 0.00	35.99 0.91 0.00	40.05 1.76 0.00	48.69 1.23 0.00	51.03 -0.15 0.00	50.03 -0.61 0.00	43.07 -0.30 0.00	41.20 0.12 0.00	35.87 0.28 0.00	34.25 -0.03 0.00	34.18 -0.03 0.00	33.00 -0.07 0.00	32.42 -0.13 0.00	32.64 -0.56 0.00	36.56 -0.82 0.00	43.31 -1.02 0.00	54.32 -0.94 0.00	50.53 -0.98 0.00	43.65 -0.80 0.00	38.68 -0.39 0.00	37.05 0.11 0.00
HYLAND___LFGE 323620	41.06 3.39 0.00	37.74 3.02 0.00	37.02 2.77 0.00	37.71 2.95 0.00	38.45 3.37 0.00	42.69 4.40 0.00	52.25 4.79 0.00	55.73 4.55 0.00	53.68 3.04 0.00	45.11 1.74 0.00	42.43 1.35 0.00	36.62 1.03 0.00	34.80 0.52 0.00	34.62 0.41 0.00	33.50 0.43 0.00	32.49 -0.06 0.00	33.18 -0.03 0.00	37.65 0.26 0.00	45.61 1.29 0.00	57.68 2.43 0.00	54.09 2.57 0.00	46.49 2.05 0.00	40.91 1.84 0.00	38.75 1.81 0.00
INDECK___CORINTH 23802	40.01 2.34 0.00	36.77 2.05 0.00	36.26 2.02 0.00	36.88 2.12 0.00	36.94 1.86 0.00	40.32 2.03 0.00	50.45 2.99 0.00	54.61 3.43 0.00	53.93 3.29 0.00	45.98 2.60 0.00	43.25 2.18 0.00	37.26 1.67 0.00	35.73 1.44 0.00	35.62 1.40 0.00	34.39 1.32 0.00	33.89 1.34 0.00	34.64 1.43 0.00	39.25 1.87 0.00	46.94 2.61 0.00	58.84 3.59 0.00	54.81 3.30 0.00	47.11 2.67 0.00	41.30 2.23 0.00	38.79 1.85 0.00
INDECK___ILION 23567	35.45 -2.22 0.00	32.74 -1.98 0.00	32.46 -1.78 0.00	33.02 -1.74 0.00	33.25 -1.82 0.00	36.41 -1.88 0.00	45.32 -2.14 0.00	49.29 -1.89 0.00	48.87 -1.77 0.00	41.60 -1.78 0.00	39.31 -1.77 0.00	34.02 -1.57 0.00	32.88 -1.41 0.00	32.84 -1.37 0.00	31.78 -1.29 0.00	31.41 -1.14 0.00	32.21 -1.00 0.00	36.41 -0.97 0.00	43.44 -0.89 0.00	54.32 -0.94 0.00	50.74 -0.77 0.00	43.96 -0.49 0.00	38.65 -0.43 0.00	36.42 -0.52 0.00
INDECK___OLEAN 23982	38.84 1.17 0.00	35.69 0.97 0.00	34.86 0.62 0.00	35.38 0.63 0.00	36.24 1.16 0.00	40.24 1.95 0.00	49.45 1.99 0.00	52.15 0.97 0.00	50.89 0.25 0.00	43.60 0.22 0.00	41.48 0.41 0.00	36.04 0.46 0.00	34.39 0.10 0.00	34.32 0.10 0.00	33.17 0.10 0.00	32.49 -0.06 0.00	32.98 -0.23 0.00	36.97 -0.41 0.00	44.02 -0.31 0.00	55.20 -0.06 0.00	51.46 -0.05 0.00	44.14 -0.31 0.00	38.88 -0.19 0.00	37.35 0.41 0.00
INDECK___OSWEGO 23783	37.30 -0.38 0.00	34.34 -0.38 0.00	33.83 -0.41 0.00	34.34 -0.42 0.00	34.73 -0.35 0.00	37.98 -0.31 0.00	46.79 -0.66 0.00	50.41 -0.77 0.00	49.73 -0.91 0.00	42.55 -0.83 0.00	40.29 -0.78 0.00	34.94 -0.64 0.00	33.63 -0.65 0.00	33.53 -0.68 0.00	32.41 -0.66 0.00	31.90 -0.65 0.00	32.48 -0.73 0.00	36.52 -0.86 0.00	43.31 -1.02 0.00	54.04 -1.22 0.00	50.38 -1.13 0.00	43.51 -0.94 0.00	38.29 -0.78 0.00	36.35 -0.59 0.00
INDECK___YERKES 23781	39.10 1.43 0.00	35.83 1.11 0.00	34.93 0.68 0.00	35.42 0.66 0.00	36.41 1.33 0.00	40.55 2.26 0.00	49.02 1.56 0.00	51.75 0.56 0.00	50.34 -0.30 0.00	43.33 -0.04 0.00	41.44 0.37 0.00	36.04 0.46 0.00	34.36 0.07 0.00	34.32 0.10 0.00	33.17 0.10 0.00	32.49 -0.06 0.00	32.78 -0.43 0.00	36.60 -0.79 0.00	43.44 -0.89 0.00	54.59 -0.66 0.00	51.00 -0.52 0.00	43.87 -0.58 0.00	38.88 -0.19 0.00	37.27 0.33 0.00
INDIAN POINT_GT_1 24139	39.07 1.39 0.00	35.90 1.18 0.00	35.27 1.03 0.00	35.70 0.94 0.00	35.82 0.74 0.00	39.17 0.88 0.00	49.12 1.66 0.00	53.38 2.20 0.00	52.72 2.08 0.00	45.37 2.00 0.00	43.04 1.97 0.00	37.33 1.74 0.00	35.93 1.65 0.00	35.85 1.64 0.00	34.65 1.59 0.00	34.21 1.66 0.00	34.84 1.63 0.00	39.21 1.83 0.00	46.41 2.08 0.00	57.63 2.38 0.00	53.73 2.21 0.00	46.27 1.82 0.00	40.44 1.37 0.00	37.87 0.92 0.00
INDIAN POINT_GT_2 23659	39.07 1.39 0.00	35.90 1.18 0.00	35.27 1.03 0.00	35.70 0.94 0.00	35.82 0.74 0.00	39.17 0.88 0.00	49.12 1.66 0.00	53.38 2.20 0.00	52.72 2.08 0.00	45.37 2.00 0.00	43.04 1.97 0.00	37.33 1.74 0.00	35.93 1.65 0.00	35.85 1.64 0.00	34.65 1.59 0.00	34.21 1.66 0.00	34.84 1.63 0.00	39.21 1.83 0.00	46.41 2.08 0.00	57.63 2.38 0.00	53.73 2.21 0.00	46.27 1.82 0.00	40.44 1.37 0.00	37.87 0.92 0.00
INDIAN POINT_GT_3 24019	39.07 1.39 0.00	35.90 1.18 0.00	35.27 1.03 0.00	35.70 0.94 0.00	35.82 0.74 0.00	39.17 0.88 0.00	49.12 1.66 0.00	53.38 2.20 0.00	52.72 2.08 0.00	45.37 2.00 0.00	43.04 1.97 0.00	37.33 1.74 0.00	35.93 1.65 0.00	35.85 1.64 0.00	34.65 1.59 0.00	34.21 1.66 0.00	34.84 1.63 0.00	39.21 1.83 0.00	46.41 2.08 0.00	57.63 2.38 0.00	53.73 2.21 0.00	46.27 1.82 0.00	40.44 1.37 0.00	37.87 0.92 0.00
INDIAN POINT___2 23530	38.91 1.24 0.00	35.80 1.08 0.00	35.20 0.96 0.00	35.63 0.87 0.00	35.74 0.66 0.00	38.94 0.65 0.00	48.93 1.47 0.00	53.08 1.89 0.00	52.51 1.87 0.00	45.24 1.86 0.00	42.88 1.81 0.00	37.19 1.60 0.00	35.87 1.58 0.00	35.79 1.57 0.00	34.56 1.49 0.00	34.15 1.59 0.00	34.74 1.53 0.00	39.14 1.76 0.00	46.50 2.17 0.00	57.74 2.49 0.00	53.72 2.21 0.00	46.36 1.91 0.00	40.48 1.40 0.00	37.87 0.92 0.00
INDIAN POINT___3 23531	39.10 1.43 0.00	35.94 1.22 0.00	35.30 1.06 0.00	35.73 0.97 0.00	35.85 0.77 0.00	39.21 0.92 0.00	49.17 1.71 0.00	53.43 2.25 0.00	52.77 2.13 0.00	45.42 2.04 0.00	43.09 2.01 0.00	37.36 1.78 0.00	36.00 1.71 0.00	35.92 1.71 0.00	34.72 1.65 0.00	34.28 1.73 0.00	34.87 1.66 0.00	39.29 1.91 0.00	46.45 2.13 0.00	57.69 2.43 0.00	53.78 2.27 0.00	46.31 1.87 0.00	40.48 1.41 0.00	37.90 0.96 0.00
INGHAM_C_115KV_TB7 356103	35.26 -2.41 0.00	32.60 -2.12 0.00	32.29 -1.95 0.00	32.85 -1.91 0.00	33.08 -2.00 0.00	36.22 -2.07 0.00	45.09 -2.37 0.00	48.98 -2.20 0.00	48.56 -2.08 0.00	41.34 -2.04 0.00	39.10 -1.97 0.00	33.88 -1.71 0.00	32.74 -1.54 0.00	32.67 -1.54 0.00	31.61 -1.45 0.00	31.28 -1.27 0.00	32.05 -1.16 0.00	36.22 -1.16 0.00	43.22 -1.11 0.00	54.04 -1.22 0.00	50.48 -1.03 0.00	43.73 -0.71 0.00	38.45 -0.63 0.00	36.24 -0.70 0.00
IP CORINTH___1 23988	40.01 2.34 0.00	36.77 2.05 0.00	36.26 2.02 0.00	36.88 2.12 0.00	36.94 1.86 0.00	40.43 2.14 0.00	50.50 3.04 0.00	54.66 3.48 0.00	53.93 3.29 0.00	45.98 2.60 0.00	43.25 2.18 0.00	37.26 1.67 0.00	35.73 1.44 0.00	35.62 1.40 0.00	34.39 1.32 0.00	33.86 1.30 0.00	34.64 1.43 0.00	39.21 1.83 0.00	46.81 2.48 0.00	58.68 3.43 0.00	54.65 3.14 0.00	46.98 2.53 0.00	41.19 2.11 0.00	38.68 1.74 0.00

IP___TICONDEROGA 23804	41.48 3.80 0.00	38.06 3.33 0.00	37.53 3.29 0.00	38.27 3.51 0.00	38.17 3.09 0.00	41.93 3.64 0.00	52.44 4.98 0.00	56.76 5.58 0.00	55.96 5.32 0.00	47.37 3.99 0.00	44.44 3.37 0.00	38.18 2.60 0.00	36.45 2.16 0.00	36.33 2.12 0.00	35.08 2.02 0.00	34.57 2.02 0.00	35.40 2.19 0.00	40.26 2.88 0.00	48.36 4.03 0.00	61.06 5.80 0.00	56.87 5.36 0.00	48.76 4.31 0.00	42.83 3.75 0.00	40.12 3.18 0.00
ISLIP_RES_REC 323679	39.82 2.15 0.00	36.15 1.42 0.00	35.71 1.47 0.00	36.04 1.29 0.00	35.89 0.81 0.00	39.10 0.81 0.00	50.21 2.75 0.00	53.99 2.81 0.00	54.14 3.49 -0.01	46.86 3.47 -0.01	44.33 3.24 -0.01	39.58 2.99 -1.00	37.00 2.71 -0.01	36.96 2.74 -0.01	35.22 2.15 0.00	34.87 2.31 0.00	35.57 2.36 0.00	40.05 2.65 -0.01	47.66 3.33 -0.01	58.74 3.48 0.00	54.45 2.93 0.00	47.56 3.11 -0.01	41.46 2.38 0.00	38.35 1.40 0.00
JAMAICA__27_KV_LOAD 355505	39.48 1.81 0.00	36.25 1.53 0.00	35.51 1.27 0.00	35.90 1.15 0.00	35.96 0.88 0.00	39.59 1.30 0.00	49.83 2.37 0.00	54.30 3.12 0.00	53.73 3.09 0.00	46.24 2.86 0.00	43.87 2.79 0.00	38.04 2.46 0.00	36.65 2.37 0.00	36.54 2.33 0.00	35.32 2.25 0.00	34.96 2.41 0.00	35.50 2.29 0.00	40.00 2.62 0.00	47.29 2.97 0.00	58.57 3.32 0.00	54.70 3.19 0.00	47.11 2.67 0.00	41.11 2.03 0.00	38.31 1.37 0.00
JANIS___SOLAR 323808	39.37 1.70 0.00	36.29 1.56 0.00	35.82 1.58 0.00	36.43 1.67 0.00	36.83 1.75 0.00	40.51 2.22 0.00	50.16 2.70 0.00	54.05 2.86 0.00	52.97 2.33 0.00	44.64 1.26 0.00	41.98 0.90 0.00	36.15 0.57 0.00	34.67 0.38 0.00	34.52 0.31 0.00	33.36 0.30 0.00	32.95 0.39 0.00	33.74 0.53 0.00	38.28 0.90 0.00	46.10 1.77 0.00	57.85 2.60 0.00	53.98 2.47 0.00	46.67 2.22 0.00	41.03 1.95 0.00	38.75 1.81 0.00
JARVIS____ 23743	37.75 0.08 0.00	34.79 0.07 0.00	34.35 0.10 0.00	34.86 0.10 0.00	35.11 0.04 0.00	38.29 0.00 0.00	47.55 0.10 0.00	51.34 0.15 0.00	50.79 0.15 0.00	43.46 0.09 0.00	41.15 0.08 0.00	35.65 0.07 0.00	34.36 0.07 0.00	34.28 0.07 0.00	33.13 0.07 0.00	32.65 0.10 0.00	33.27 0.07 0.00	37.49 0.11 0.00	44.50 0.18 0.00	55.53 0.28 0.00	51.72 0.21 0.00	44.62 0.18 0.00	39.19 0.12 0.00	37.02 0.07 0.00
JENNISON___1 23625	39.22 1.54 0.00	36.18 1.46 0.00	35.78 1.54 0.00	36.39 1.63 0.00	36.76 1.68 0.00	40.32 2.03 0.00	50.07 2.61 0.00	53.95 2.76 0.00	53.27 2.63 0.00	45.07 1.69 0.00	42.51 1.44 0.00	36.58 1.00 0.00	35.18 0.89 0.00	35.03 0.82 0.00	33.83 0.76 0.00	33.33 0.78 0.00	34.07 0.86 0.00	38.54 1.16 0.00	46.23 1.91 0.00	57.96 2.71 0.00	53.98 2.47 0.00	46.67 2.22 0.00	40.99 1.91 0.00	38.72 1.77 0.00
JENNISON___2 23626	39.22 1.54 0.00	36.18 1.46 0.00	35.78 1.54 0.00	36.39 1.63 0.00	36.76 1.68 0.00	40.32 2.03 0.00	50.07 2.61 0.00	53.95 2.76 0.00	53.27 2.63 0.00	45.07 1.69 0.00	42.51 1.44 0.00	36.58 1.00 0.00	35.18 0.89 0.00	35.03 0.82 0.00	33.83 0.76 0.00	33.33 0.78 0.00	34.07 0.86 0.00	38.54 1.16 0.00	46.23 1.91 0.00	57.96 2.71 0.00	53.98 2.47 0.00	46.67 2.22 0.00	40.99 1.91 0.00	38.72 1.77 0.00
JERICHO_RISE_WT_PWR 323719	36.28 -1.39 0.00	33.71 -1.01 0.00	33.28 -0.96 0.00	33.92 -0.83 0.00	34.41 -0.67 0.00	37.72 -0.57 0.00	47.03 -0.43 0.00	50.77 -0.41 0.00	50.34 -0.30 0.00	43.03 -0.35 0.00	40.62 -0.45 0.00	35.09 -0.50 0.00	33.81 -0.48 0.00	33.80 -0.41 0.00	32.77 -0.30 0.00	32.36 -0.19 0.00	33.31 0.10 0.00	37.68 0.30 0.00	44.68 0.35 0.00	55.75 0.50 0.00	52.23 0.72 0.00	45.11 0.67 0.00	39.78 0.70 0.00	37.61 0.67 0.00
KATONAH___115KV_46KV_TB4 355592	39.33 1.66 0.00	36.18 1.46 0.00	35.54 1.30 0.00	35.97 1.22 0.00	36.06 0.98 0.00	39.44 1.15 0.00	49.50 2.04 0.00	53.84 2.66 0.00	53.17 2.53 0.00	45.72 2.34 0.00	43.33 2.26 0.00	37.58 1.99 0.00	36.14 1.85 0.00	36.06 1.85 0.00	34.89 1.82 0.00	34.47 1.92 0.00	35.07 1.86 0.00	39.51 2.13 0.00	46.72 2.39 0.00	58.07 2.82 0.00	54.14 2.63 0.00	46.67 2.22 0.00	40.72 1.64 0.00	38.12 1.18 0.00
KCE_NY_1 323755	39.78 2.11 0.00	36.60 1.87 0.00	36.09 1.85 0.00	36.67 1.91 0.00	36.76 1.68 0.00	40.05 1.76 0.00	50.07 2.61 0.00	54.15 2.97 0.00	53.47 2.83 0.00	45.63 2.25 0.00	43.00 1.93 0.00	37.08 1.49 0.00	35.66 1.37 0.00	35.55 1.33 0.00	34.32 1.26 0.00	33.95 1.40 0.00	34.67 1.46 0.00	39.21 1.83 0.00	46.63 2.30 0.00	58.29 3.04 0.00	54.29 2.78 0.00	46.71 2.27 0.00	40.95 1.88 0.00	38.49 1.55 0.00
KCE_NY_6_ESR 323823	39.10 1.43 0.00	35.87 1.14 0.00	35.00 0.75 0.00	35.49 0.73 0.00	36.45 1.37 0.00	40.59 2.30 0.00	49.45 1.99 0.00	52.20 1.02 0.00	50.84 0.20 0.00	43.68 0.31 0.00	41.73 0.66 0.00	36.33 0.75 0.00	34.60 0.31 0.00	34.55 0.34 0.00	33.40 0.33 0.00	32.72 0.16 0.00	33.04 -0.17 0.00	36.94 -0.45 0.00	43.84 -0.49 0.00	55.09 -0.17 0.00	51.41 -0.10 0.00	44.18 -0.27 0.00	39.11 0.04 0.00	37.50 0.55 0.00
KEDC_PORT_JEFF_GT2 24210	39.71 2.03 0.00	36.07 1.35 0.00	35.61 1.37 0.00	35.94 1.18 0.00	35.78 0.70 0.00	38.98 0.69 0.00	50.02 2.56 0.00	53.74 2.56 0.00	53.89 3.24 -0.01	46.64 3.25 -0.01	44.12 3.04 -0.01	39.39 2.81 -1.00	36.87 2.57 -0.01	36.79 2.57 -0.01	35.09 2.02 0.00	34.77 2.21 0.00	35.47 2.26 0.00	39.93 2.54 -0.01	47.48 3.15 -0.01	58.51 3.26 0.00	54.24 2.73 0.00	47.39 2.93 -0.01	41.30 2.23 0.00	38.23 1.29 0.00
KEDC_PORT_JEFF_GT3 24211	39.71 2.03 0.00	36.07 1.35 0.00	35.61 1.37 0.00	35.94 1.18 0.00	35.78 0.70 0.00	38.98 0.69 0.00	50.02 2.56 0.00	53.74 2.56 0.00	53.89 3.24 -0.01	46.64 3.25 -0.01	44.12 3.04 -0.01	39.39 2.81 -1.00	36.87 2.57 -0.01	36.79 2.57 -0.01	35.09 2.02 0.00	34.77 2.21 0.00	35.47 2.26 0.00	39.93 2.54 -0.01	47.48 3.15 -0.01	58.51 3.26 0.00	54.24 2.73 0.00	47.39 2.93 -0.01	41.30 2.23 0.00	38.23 1.29 0.00
KEDC_GLWD_GT4 24219	39.67 2.00 0.00	36.32 1.60 0.00	35.71 1.47 0.00	36.08 1.32 0.00	36.17 1.09 0.00	39.48 1.19 0.00	49.92 2.47 0.00	54.10 2.92 0.00	53.80 3.14 -0.02	46.30 2.91 -0.02	43.88 2.79 -0.02	39.80 2.49 -1.72	36.74 2.43 -0.02	36.66 2.43 -0.02	35.32 2.25 0.00	34.93 2.38 0.00	35.53 2.32 0.00	40.05 2.65 -0.02	47.53 3.19 -0.02	58.84 3.59 0.00	54.71 3.19 0.00	47.39 2.93 -0.02	41.38 2.30 0.00	38.53 1.59 0.00
KEDC_GLWD_GT5 24220	39.67 2.00 0.00	36.32 1.60 0.00	35.71 1.47 0.00	36.08 1.32 0.00	36.17 1.09 0.00	39.48 1.19 0.00	49.92 2.47 0.00	54.10 2.92 0.00	53.80 3.14 -0.02	46.30 2.91 -0.02	43.88 2.79 -0.02	39.80 2.49 -1.72	36.74 2.43 -0.02	36.66 2.43 -0.02	35.32 2.25 0.00	34.93 2.38 0.00	35.53 2.32 0.00	40.05 2.65 -0.02	47.53 3.19 -0.02	58.84 3.59 0.00	54.71 3.19 0.00	47.39 2.93 -0.02	41.38 2.30 0.00	38.53 1.59 0.00

KENSICO____ 23655	39.29 1.62 0.00	36.11 1.39 0.00	35.48 1.23 0.00	35.87 1.11 0.00	35.99 0.91 0.00	39.36 1.07 0.00	49.45 1.99 0.00	53.74 2.56 0.00	53.12 2.48 0.00	45.72 2.34 0.00	43.37 2.30 0.00	37.61 2.03 0.00	36.21 1.92 0.00	36.13 1.92 0.00	34.92 1.85 0.00	34.47 1.92 0.00	35.07 1.86 0.00	39.51 2.13 0.00	46.72 2.39 0.00	57.96 2.71 0.00	54.03 2.52 0.00	46.58 2.13 0.00	40.68 1.60 0.00	38.05 1.11 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.18 1.51 0.00	36.01 1.28 0.00	35.41 1.16 0.00	35.80 1.04 0.00	35.99 0.91 0.00	39.29 1.00 0.00	49.26 1.80 0.00	53.48 2.30 0.00	52.61 1.97 0.00	45.29 1.91 0.00	42.84 1.77 0.00	37.11 1.53 0.00	35.73 1.44 0.00	35.65 1.44 0.00	34.52 1.45 0.00	34.05 1.50 0.00	34.70 1.49 0.00	39.14 1.76 0.00	46.41 2.08 0.00	57.96 2.71 0.00	53.88 2.37 0.00	46.40 1.96 0.00	40.56 1.48 0.00	38.01 1.07 0.00
KIAC_JFK_GT1 23816	39.26 1.58 0.00	36.04 1.32 0.00	35.34 1.10 0.00	35.73 0.97 0.00	35.78 0.70 0.00	39.36 1.07 0.00	49.50 2.04 0.00	54.00 2.81 0.00	53.37 2.73 0.00	45.98 2.60 0.00	43.62 2.55 0.00	37.86 2.28 0.00	36.45 2.16 0.00	36.37 2.16 0.00	35.15 2.08 0.00	34.77 2.21 0.00	35.33 2.13 0.00	39.81 2.43 0.00	46.98 2.66 0.00	58.18 2.93 0.00	54.40 2.88 0.00	46.85 2.40 0.00	40.87 1.80 0.00	38.09 1.15 0.00
KIAC_JFK_GT2 23817	39.26 1.58 0.00	36.04 1.32 0.00	35.34 1.10 0.00	35.73 0.97 0.00	35.78 0.70 0.00	39.36 1.07 0.00	49.50 2.04 0.00	54.00 2.81 0.00	53.37 2.73 0.00	45.98 2.60 0.00	43.62 2.55 0.00	37.86 2.28 0.00	36.45 2.16 0.00	36.37 2.16 0.00	35.15 2.08 0.00	34.77 2.21 0.00	35.33 2.13 0.00	39.81 2.43 0.00	46.98 2.66 0.00	58.18 2.93 0.00	54.40 2.88 0.00	46.85 2.40 0.00	40.87 1.80 0.00	38.09 1.15 0.00
KIAC_JFK____ 323774	39.22 1.55 0.00	36.01 1.29 0.00	35.34 1.10 0.00	35.73 0.97 0.00	35.78 0.70 0.00	39.25 0.96 0.00	49.45 1.99 0.00	53.84 2.66 0.00	53.37 2.73 0.00	45.98 2.60 0.00	43.62 2.55 0.00	37.86 2.28 0.00	36.48 2.20 0.00	36.40 2.19 0.00	35.15 2.08 0.00	34.83 2.28 0.00	35.37 2.16 0.00	39.85 2.47 0.00	47.30 2.97 0.00	58.51 3.26 0.00	54.55 3.04 0.00	47.11 2.67 0.00	41.03 1.95 0.00	38.20 1.26 0.00
KINTIGH____ 23543	38.12 0.45 0.00	35.00 0.28 0.00	34.24 0.00 0.00	34.72 -0.03 0.00	35.57 0.49 0.00	39.52 1.23 0.00	48.12 0.66 0.00	50.67 -0.51 0.00	49.78 -0.86 0.00	42.86 -0.52 0.00	40.91 -0.16 0.00	35.58 0.00 0.00	34.08 -0.21 0.00	33.97 -0.24 0.00	32.80 -0.26 0.00	32.26 -0.29 0.00	32.54 -0.66 0.00	36.45 -0.93 0.00	43.22 -1.11 0.00	54.09 -1.16 0.00	50.38 -1.13 0.00	43.56 -0.89 0.00	38.57 -0.51 0.00	36.83 -0.11 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	36.99 -0.68 0.00	34.41 -0.31 0.00	33.97 -0.27 0.00	34.65 -0.10 0.00	35.18 0.11 0.00	38.60 0.31 0.00	48.17 0.71 0.00	52.00 0.82 0.00	51.50 0.86 0.00	43.90 0.52 0.00	41.40 0.33 0.00	35.69 0.11 0.00	34.39 0.10 0.00	34.38 0.17 0.00	33.30 0.23 0.00	32.91 0.36 0.00	33.94 0.73 0.00	38.47 1.08 0.00	45.61 1.29 0.00	56.91 1.66 0.00	53.31 1.80 0.00	46.05 1.60 0.00	40.52 1.45 0.00	38.35 1.40 0.00
LACHUTE____HYDRO 323717	41.48 3.80 0.00	38.06 3.33 0.00	37.53 3.29 0.00	38.27 3.51 0.00	38.17 3.09 0.00	41.81 3.52 0.00	52.39 4.94 0.00	56.71 5.53 0.00	55.96 5.32 0.00	47.37 3.99 0.00	44.44 3.37 0.00	38.18 2.60 0.00	36.48 2.20 0.00	36.33 2.12 0.00	35.09 2.02 0.00	34.57 2.02 0.00	35.40 2.19 0.00	40.26 2.88 0.00	48.58 4.26 0.00	61.17 5.92 0.00	57.03 5.51 0.00	48.89 4.44 0.00	42.91 3.83 0.00	40.23 3.29 0.00
LAWRNCV_115KV_TB1 80681	36.54 -1.13 0.00	33.89 -0.83 0.00	33.42 -0.82 0.00	34.03 -0.73 0.00	34.34 -0.74 0.00	37.56 -0.73 0.00	46.70 -0.76 0.00	50.36 -0.82 0.00	49.98 -0.66 0.00	42.64 -0.74 0.00	40.25 -0.82 0.00	34.77 -0.82 0.00	33.50 -0.79 0.00	33.46 -0.75 0.00	32.34 -0.73 0.00	31.84 -0.72 0.00	32.71 -0.50 0.00	36.97 -0.41 0.00	43.79 -0.53 0.00	54.59 -0.66 0.00	51.05 -0.46 0.00	44.05 -0.40 0.00	38.76 -0.31 0.00	36.65 -0.30 0.00
LEDERLE____ 23769	39.18 1.51 0.00	36.01 1.28 0.00	35.37 1.13 0.00	35.77 1.01 0.00	35.92 0.84 0.00	39.36 1.07 0.00	49.36 1.90 0.00	53.64 2.46 0.00	52.97 2.33 0.00	45.63 2.26 0.00	43.25 2.18 0.00	37.51 1.92 0.00	36.10 1.82 0.00	36.03 1.81 0.00	34.85 1.79 0.00	34.41 1.86 0.00	34.94 1.73 0.00	39.33 1.94 0.00	46.54 2.22 0.00	57.85 2.60 0.00	53.88 2.37 0.00	46.40 1.96 0.00	40.56 1.48 0.00	37.98 1.03 0.00
LIGHTHSE_115KV_TB6 355974	37.11 -0.57 0.00	34.20 -0.52 0.00	33.73 -0.51 0.00	34.27 -0.49 0.00	34.59 -0.49 0.00	37.83 -0.46 0.00	46.75 -0.71 0.00	50.41 -0.77 0.00	49.73 -0.91 0.00	42.38 -1.00 0.00	40.09 -0.99 0.00	34.69 -0.89 0.00	33.36 -0.93 0.00	33.29 -0.92 0.00	32.14 -0.93 0.00	31.67 -0.88 0.00	32.31 -0.90 0.00	36.41 -0.97 0.00	43.44 -0.89 0.00	54.32 -0.94 0.00	50.64 -0.88 0.00	43.78 -0.67 0.00	38.45 -0.63 0.00	36.42 -0.52 0.00
LINDEN COGEN____ 23786	39.22 1.55 0.00	36.04 1.32 0.00	35.37 1.13 0.00	35.77 1.01 0.00	35.85 0.77 0.00	39.17 0.88 0.00	49.31 1.85 0.00	53.54 2.36 0.00	53.12 2.48 0.00	45.76 2.38 0.00	43.45 2.38 0.00	37.75 2.17 0.00	36.38 2.09 0.00	36.30 2.09 0.00	35.05 1.98 0.00	34.67 2.11 0.00	35.23 2.03 0.00	39.70 2.32 0.00	47.07 2.75 0.00	58.18 2.93 0.00	54.24 2.73 0.00	46.75 2.31 0.00	40.84 1.76 0.00	38.12 1.18 0.00
LINDHRST_69_KV_BK1 356055	39.93 2.26 0.00	36.60 1.87 0.00	35.82 1.58 0.00	36.15 1.39 0.00	36.10 1.02 0.00	39.55 1.26 0.00	50.54 3.08 0.00	54.51 3.33 0.00	54.14 3.49 -0.01	46.73 3.34 -0.01	44.21 3.12 -0.01	39.51 2.81 -1.11	36.94 2.64 -0.01	36.82 2.60 -0.01	35.35 2.28 0.00	35.00 2.44 0.00	35.70 2.49 0.00	40.27 2.88 -0.01	47.62 3.28 -0.01	58.74 3.48 0.00	54.60 3.09 0.00	47.52 3.07 -0.01	41.38 2.31 0.00	38.49 1.55 0.00
LIPA_MISC_IPP 23656	39.48 1.81 0.00	36.15 1.42 0.00	35.37 1.13 0.00	35.66 0.90 0.00	35.43 0.35 0.00	38.64 0.34 0.00	49.83 2.37 0.00	53.48 2.30 0.00	53.38 2.73 -0.01	46.42 3.04 -0.01	43.88 2.79 -0.01	39.24 2.67 -0.99	36.56 2.26 -0.01	36.41 2.19 -0.01	34.75 1.69 0.00	34.41 1.86 0.00	35.10 1.89 0.00	39.41 2.02 -0.01	46.68 2.35 -0.01	57.52 2.27 0.00	53.47 1.96 0.00	46.59 2.13 -0.01	40.56 1.48 0.00	37.68 0.74 0.00
LISF____SOLAR 323691	39.48 1.81 0.00	35.76 1.04 0.00	35.41 1.16 0.00	35.73 0.97 0.00	35.47 0.39 0.00	38.56 0.27 0.00	49.64 2.18 0.00	53.28 2.10 0.00	53.48 2.83 -0.01	46.51 3.12 -0.01	43.96 2.87 -0.01	39.28 2.70 -0.99	36.70 2.40 -0.01	36.65 2.43 -0.01	34.79 1.72 0.00	34.47 1.92 0.00	35.17 1.96 0.00	39.48 2.09 -0.01	46.99 2.66 -0.01	57.91 2.65 0.00	53.72 2.21 0.00	46.94 2.49 -0.01	40.91 1.84 0.00	37.87 0.92 0.00

LITTLE FALLS___HYD 24013	35.26 -2.41 0.00	32.60 -2.12 0.00	32.29 -1.95 0.00	32.85 -1.91 0.00	33.08 -2.00 0.00	36.22 -2.07 0.00	45.09 -2.37 0.00	48.98 -2.20 0.00	48.56 -2.08 0.00	41.34 -2.04 0.00	39.10 -1.97 0.00	33.88 -1.71 0.00	32.74 -1.54 0.00	32.67 -1.54 0.00	31.61 -1.45 0.00	31.28 -1.27 0.00	32.05 -1.16 0.00	36.22 -1.16 0.00	43.22 -1.11 0.00	54.04 -1.22 0.00	50.48 -1.03 0.00	43.73 -0.71 0.00	38.45 -0.63 0.00	36.24 -0.70 0.00
LITTLRIV_115KV_TB1 356100	36.88 -0.79 0.00	34.24 -0.49 0.00	33.80 -0.45 0.00	34.41 -0.35 0.00	34.73 -0.35 0.00	37.98 -0.31 0.00	47.22 -0.24 0.00	50.87 -0.31 0.00	50.44 -0.20 0.00	42.90 -0.48 0.00	40.46 -0.62 0.00	34.91 -0.68 0.00	33.64 -0.65 0.00	33.56 -0.65 0.00	32.47 -0.60 0.00	31.97 -0.59 0.00	32.91 -0.30 0.00	37.20 -0.19 0.00	44.15 -0.18 0.00	55.20 -0.06 0.00	51.56 0.05 0.00	44.53 0.09 0.00	39.19 0.12 0.00	37.02 0.07 0.00
LI_NEWBRDGE___DRP 323616	39.44 1.77 0.00	36.15 1.42 0.00	35.41 1.16 0.00	35.77 1.01 0.00	35.75 0.67 0.00	39.13 0.84 0.00	49.83 2.37 0.00	53.84 2.66 0.00	53.38 2.73 -0.01	45.99 2.60 -0.01	43.51 2.42 -0.01	38.71 2.21 -0.92	36.46 2.16 -0.01	36.34 2.12 -0.01	35.02 1.95 0.00	34.64 2.08 0.00	35.27 2.06 0.00	39.78 2.39 -0.01	46.95 2.62 -0.01	57.96 2.71 0.00	53.93 2.42 0.00	46.90 2.44 -0.01	40.87 1.80 0.00	38.05 1.11 0.00
LOCKPORT_115KV_TB60_63_64 80432	38.31 0.64 0.00	35.21 0.49 0.00	34.41 0.17 0.00	34.90 0.14 0.00	35.85 0.77 0.00	39.86 1.57 0.00	48.41 0.95 0.00	50.67 -0.51 0.00	49.68 -0.96 0.00	42.73 -0.65 0.00	40.87 -0.21 0.00	35.58 0.00 0.00	34.01 -0.27 0.00	33.94 -0.27 0.00	32.74 -0.33 0.00	32.16 -0.39 0.00	32.41 -0.80 0.00	36.26 -1.12 0.00	43.04 -1.29 0.00	54.04 -1.22 0.00	50.27 -1.24 0.00	43.42 -1.02 0.00	38.53 -0.55 0.00	36.87 -0.07 0.00
LOCKPORT___CC1 323769	38.47 0.79 0.00	35.28 0.55 0.00	34.41 0.17 0.00	34.86 0.10 0.00	35.85 0.77 0.00	39.90 1.61 0.00	48.41 0.95 0.00	51.08 -0.10 0.00	49.63 -1.01 0.00	42.73 -0.65 0.00	40.87 -0.20 0.00	35.58 0.00 0.00	33.94 -0.34 0.00	33.87 -0.34 0.00	32.74 -0.33 0.00	32.10 -0.46 0.00	32.41 -0.80 0.00	36.18 -1.20 0.00	42.95 -1.37 0.00	53.99 -1.27 0.00	50.38 -1.13 0.00	43.38 -1.07 0.00	38.53 -0.55 0.00	36.91 -0.04 0.00
LOCKPORT___CC2 323770	38.47 0.79 0.00	35.28 0.55 0.00	34.41 0.17 0.00	34.86 0.10 0.00	35.85 0.77 0.00	39.90 1.61 0.00	48.41 0.95 0.00	51.08 -0.10 0.00	49.63 -1.01 0.00	42.73 -0.65 0.00	40.87 -0.20 0.00	35.58 0.00 0.00	33.94 -0.34 0.00	33.87 -0.34 0.00	32.74 -0.33 0.00	32.10 -0.46 0.00	32.41 -0.80 0.00	36.18 -1.20 0.00	42.95 -1.37 0.00	53.99 -1.27 0.00	50.38 -1.13 0.00	43.38 -1.07 0.00	38.53 -0.55 0.00	36.91 -0.04 0.00
LOCKPORT___CC3 323771	38.47 0.79 0.00	35.28 0.55 0.00	34.41 0.17 0.00	34.86 0.10 0.00	35.85 0.77 0.00	39.90 1.61 0.00	48.41 0.95 0.00	51.08 -0.10 0.00	49.63 -1.01 0.00	42.73 -0.65 0.00	40.87 -0.20 0.00	35.58 0.00 0.00	33.94 -0.34 0.00	33.87 -0.34 0.00	32.74 -0.33 0.00	32.10 -0.46 0.00	32.41 -0.80 0.00	36.18 -1.20 0.00	42.95 -1.37 0.00	53.99 -1.27 0.00	50.38 -1.13 0.00	43.38 -1.07 0.00	38.53 -0.55 0.00	36.91 -0.04 0.00
LONG_LAKE_PHOENIX 24014	37.45 -0.23 0.00	34.44 -0.28 0.00	33.97 -0.27 0.00	34.48 -0.28 0.00	34.83 -0.25 0.00	38.06 -0.23 0.00	46.98 -0.47 0.00	50.62 -0.56 0.00	49.98 -0.66 0.00	42.77 -0.61 0.00	40.50 -0.58 0.00	35.09 -0.50 0.00	33.77 -0.51 0.00	33.66 -0.55 0.00	32.54 -0.53 0.00	32.03 -0.52 0.00	32.58 -0.63 0.00	36.63 -0.75 0.00	43.57 -0.75 0.00	54.37 -0.88 0.00	50.69 -0.82 0.00	43.78 -0.67 0.00	38.53 -0.55 0.00	36.54 -0.41 0.00
LOVETT___3 23632	39.03 1.36 0.00	35.90 1.18 0.00	35.27 1.03 0.00	35.70 0.94 0.00	35.82 0.74 0.00	39.13 0.84 0.00	49.07 1.61 0.00	53.33 2.15 0.00	52.67 2.03 0.00	45.37 2.00 0.00	43.00 1.93 0.00	37.33 1.74 0.00	35.93 1.65 0.00	35.85 1.64 0.00	34.65 1.59 0.00	34.21 1.66 0.00	34.84 1.63 0.00	39.21 1.83 0.00	46.41 2.08 0.00	57.58 2.32 0.00	53.67 2.16 0.00	46.27 1.82 0.00	40.40 1.33 0.00	37.83 0.89 0.00
LOVETT___4 23642	39.03 1.36 0.00	35.90 1.18 0.00	35.27 1.03 0.00	35.70 0.94 0.00	35.82 0.74 0.00	39.13 0.84 0.00	49.07 1.61 0.00	53.33 2.15 0.00	52.67 2.03 0.00	45.37 2.00 0.00	43.00 1.93 0.00	37.33 1.74 0.00	35.93 1.65 0.00	35.85 1.64 0.00	34.65 1.59 0.00	34.21 1.66 0.00	34.84 1.63 0.00	39.21 1.83 0.00	46.41 2.08 0.00	57.58 2.32 0.00	53.67 2.16 0.00	46.27 1.82 0.00	40.40 1.33 0.00	37.83 0.89 0.00
LOVETT___5 23593	39.03 1.36 0.00	35.90 1.18 0.00	35.27 1.03 0.00	35.70 0.94 0.00	35.82 0.74 0.00	39.13 0.84 0.00	49.07 1.61 0.00	53.33 2.15 0.00	52.67 2.03 0.00	45.37 2.00 0.00	43.00 1.93 0.00	37.33 1.74 0.00	35.93 1.65 0.00	35.85 1.64 0.00	34.65 1.59 0.00	34.21 1.66 0.00	34.84 1.63 0.00	39.21 1.83 0.00	46.41 2.08 0.00	57.58 2.32 0.00	53.67 2.16 0.00	46.27 1.82 0.00	40.40 1.33 0.00	37.83 0.89 0.00
LOWER RAQUET___HYD 24057	36.24 -1.43 0.00	33.61 -1.11 0.00	33.18 -1.06 0.00	33.78 -0.97 0.00	34.10 -0.98 0.00	37.26 -1.03 0.00	46.37 -1.09 0.00	50.01 -1.18 0.00	49.63 -1.01 0.00	42.34 -1.04 0.00	39.97 -1.11 0.00	34.52 -1.07 0.00	33.22 -1.06 0.00	33.19 -1.03 0.00	32.11 -0.96 0.00	31.61 -0.95 0.00	32.48 -0.73 0.00	36.71 -0.67 0.00	43.53 -0.80 0.00	54.31 -0.94 0.00	50.74 -0.77 0.00	43.82 -0.62 0.00	38.61 -0.47 0.00	36.42 -0.52 0.00
LOWER___HUDSON 24059	38.91 1.24 0.00	35.87 1.14 0.00	35.34 1.10 0.00	35.87 1.11 0.00	36.06 0.98 0.00	39.17 0.88 0.00	48.93 1.47 0.00	52.87 1.69 0.00	52.21 1.57 0.00	44.72 1.35 0.00	42.26 1.19 0.00	36.54 0.96 0.00	35.28 0.99 0.00	35.21 0.99 0.00	34.03 0.96 0.00	33.56 1.01 0.00	34.24 1.03 0.00	38.58 1.20 0.00	46.01 1.68 0.00	57.35 2.10 0.00	53.42 1.91 0.00	46.00 1.55 0.00	40.29 1.21 0.00	37.90 0.96 0.00
LOWVILLE_115KV_TB2 356335	36.77 -0.90 0.00	33.92 -0.80 0.00	33.52 -0.72 0.00	34.10 -0.66 0.00	34.34 -0.74 0.00	37.60 -0.69 0.00	46.75 -0.71 0.00	50.52 -0.67 0.00	50.03 -0.61 0.00	42.42 -0.95 0.00	40.09 -0.99 0.00	34.84 -0.75 0.00	33.53 -0.75 0.00	33.46 -0.75 0.00	32.34 -0.73 0.00	31.87 -0.68 0.00	32.64 -0.56 0.00	36.90 -0.49 0.00	44.10 -0.22 0.00	55.31 0.06 0.00	51.56 0.05 0.00	44.58 0.13 0.00	39.11 0.04 0.00	36.87 -0.07 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	39.78 2.11 0.00	36.60 1.87 0.00	36.06 1.81 0.00	36.67 1.91 0.00	36.76 1.68 0.00	40.17 1.88 0.00	50.07 2.61 0.00	54.15 2.97 0.00	53.42 2.79 0.00	45.59 2.21 0.00	42.96 1.89 0.00	37.08 1.49 0.00	35.62 1.34 0.00	35.55 1.33 0.00	34.32 1.26 0.00	33.92 1.37 0.00	34.67 1.46 0.00	39.18 1.79 0.00	46.45 2.13 0.00	58.07 2.82 0.00	54.09 2.58 0.00	46.58 2.13 0.00	40.83 1.76 0.00	38.38 1.44 0.00

LUTHERNY_35_KV_BK2 355980	39.78 2.11 0.00	36.60 1.87 0.00	36.09 1.85 0.00	36.67 1.91 0.00	36.76 1.68 0.00	40.17 1.88 0.00	50.12 2.66 0.00	54.20 3.02 0.00	53.48 2.84 0.00	45.63 2.26 0.00	43.00 1.93 0.00	37.08 1.49 0.00	35.62 1.34 0.00	35.55 1.33 0.00	34.32 1.26 0.00	33.92 1.37 0.00	34.67 1.46 0.00	39.21 1.83 0.00	46.45 2.13 0.00	58.13 2.87 0.00	54.14 2.63 0.00	46.58 2.13 0.00	40.87 1.80 0.00	38.38 1.44 0.00
LWR___OSWEGATCHIE_HYD 23850	36.05 -1.62 0.00	33.33 -1.39 0.00	32.94 -1.30 0.00	33.51 -1.25 0.00	33.78 -1.30 0.00	36.95 -1.34 0.00	45.99 -1.47 0.00	49.65 -1.54 0.00	49.17 -1.47 0.00	41.77 -1.60 0.00	39.47 -1.60 0.00	34.12 -1.46 0.00	32.88 -1.41 0.00	32.81 -1.40 0.00	31.71 -1.36 0.00	31.25 -1.30 0.00	32.08 -1.13 0.00	36.26 -1.12 0.00	43.17 -1.15 0.00	54.04 -1.22 0.00	50.43 -1.08 0.00	43.60 -0.84 0.00	38.29 -0.78 0.00	36.13 -0.81 0.00
LYONS_FALL_HYD 23570	37.33 -0.34 0.00	34.44 -0.28 0.00	34.04 -0.20 0.00	34.58 -0.17 0.00	34.84 -0.24 0.00	38.14 -0.15 0.00	47.36 -0.09 0.00	51.18 0.00 0.00	50.69 0.05 0.00	43.03 -0.35 0.00	40.66 -0.41 0.00	35.26 -0.32 0.00	33.94 -0.34 0.00	33.87 -0.34 0.00	32.70 -0.36 0.00	32.23 -0.33 0.00	32.98 -0.23 0.00	37.23 -0.15 0.00	44.46 0.13 0.00	55.64 0.39 0.00	51.87 0.36 0.00	44.84 0.40 0.00	39.39 0.31 0.00	37.13 0.19 0.00
MADISON___COUNTY_LFGE 323628	38.50 0.83 0.00	35.45 0.73 0.00	35.03 0.79 0.00	35.56 0.80 0.00	35.89 0.81 0.00	39.25 0.96 0.00	48.64 1.19 0.00	52.46 1.28 0.00	51.86 1.22 0.00	44.07 0.69 0.00	41.69 0.62 0.00	36.01 0.43 0.00	34.66 0.38 0.00	34.55 0.34 0.00	33.40 0.33 0.00	32.91 0.36 0.00	33.57 0.37 0.00	37.87 0.49 0.00	45.17 0.84 0.00	56.53 1.27 0.00	52.64 1.13 0.00	45.51 1.07 0.00	39.97 0.90 0.00	37.72 0.78 0.00
MALONE___115KV_TB1 356076	36.73 -0.94 0.00	34.13 -0.59 0.00	33.69 -0.55 0.00	34.38 -0.38 0.00	34.83 -0.25 0.00	38.21 -0.08 0.00	47.65 0.19 0.00	51.44 0.26 0.00	50.99 0.35 0.00	43.51 0.13 0.00	41.03 -0.04 0.00	35.37 -0.21 0.00	34.08 -0.21 0.00	34.04 -0.17 0.00	32.97 -0.10 0.00	32.55 0.00 0.00	33.54 0.33 0.00	37.98 0.60 0.00	45.03 0.71 0.00	56.19 0.94 0.00	52.64 1.13 0.00	45.47 1.02 0.00	40.01 0.94 0.00	37.83 0.89 0.00
MAPLEWOD_115KV_TB3 80458	38.61 0.94 0.00	35.56 0.83 0.00	35.06 0.82 0.00	35.56 0.80 0.00	35.71 0.63 0.00	38.90 0.61 0.00	48.36 0.90 0.00	52.36 1.18 0.00	51.65 1.01 0.00	44.29 0.91 0.00	41.85 0.78 0.00	36.26 0.68 0.00	35.04 0.75 0.00	35.00 0.79 0.00	33.83 0.76 0.00	33.33 0.78 0.00	34.01 0.80 0.00	38.17 0.79 0.00	45.43 1.11 0.00	56.64 1.38 0.00	52.75 1.24 0.00	45.42 0.98 0.00	39.78 0.70 0.00	37.42 0.48 0.00
MAPLE_RIDGE_WT_1 323574	36.88 -0.79 0.00	34.10 -0.62 0.00	33.63 -0.62 0.00	34.20 -0.56 0.00	34.52 -0.56 0.00	37.72 -0.57 0.00	46.89 -0.57 0.00	50.62 -0.56 0.00	50.23 -0.41 0.00	43.08 -0.30 0.00	40.79 -0.29 0.00	35.34 -0.25 0.00	34.08 -0.20 0.00	34.01 -0.20 0.00	32.90 -0.16 0.00	32.39 -0.16 0.00	33.14 -0.07 0.00	37.35 -0.04 0.00	44.24 -0.09 0.00	55.14 -0.11 0.00	51.36 -0.15 0.00	44.31 -0.13 0.00	38.96 -0.12 0.00	36.83 -0.11 0.00
MAPLE_RIDGE_WT_2 323611	36.88 -0.79 0.00	34.10 -0.62 0.00	33.63 -0.62 0.00	34.20 -0.56 0.00	34.52 -0.56 0.00	37.72 -0.57 0.00	46.89 -0.57 0.00	50.62 -0.56 0.00	50.23 -0.41 0.00	43.08 -0.30 0.00	40.79 -0.29 0.00	35.34 -0.25 0.00	34.08 -0.20 0.00	34.01 -0.20 0.00	32.90 -0.16 0.00	32.39 -0.16 0.00	33.14 -0.07 0.00	37.35 -0.04 0.00	44.24 -0.09 0.00	55.14 -0.11 0.00	51.36 -0.15 0.00	44.31 -0.13 0.00	38.96 -0.12 0.00	36.83 -0.11 0.00
MARBLE_RIVER_WT_PWR 323696	36.47 -1.21 0.00	33.86 -0.87 0.00	33.42 -0.82 0.00	34.06 -0.69 0.00	34.55 -0.53 0.00	37.87 -0.42 0.00	47.18 -0.28 0.00	50.93 -0.25 0.00	50.49 -0.15 0.00	43.12 -0.26 0.00	40.70 -0.37 0.00	35.16 -0.43 0.00	33.91 -0.38 0.00	33.87 -0.34 0.00	32.84 -0.23 0.00	32.39 -0.16 0.00	33.34 0.13 0.00	37.72 0.34 0.00	44.68 0.35 0.00	55.75 0.50 0.00	52.23 0.72 0.00	45.11 0.67 0.00	39.78 0.70 0.00	37.61 0.67 0.00
MARSHVLE_115KV_TB1 80742	40.35 2.67 0.00	37.05 2.33 0.00	36.57 2.33 0.00	37.19 2.43 0.00	37.36 2.28 0.00	40.89 2.60 0.00	51.06 3.61 0.00	54.97 3.79 0.00	54.08 3.44 0.00	45.50 2.13 0.00	42.72 1.64 0.00	36.83 1.25 0.00	35.56 1.27 0.00	35.34 1.13 0.00	33.99 0.93 0.00	33.53 0.98 0.00	34.44 1.23 0.00	39.48 2.09 0.00	47.52 3.19 0.00	59.67 4.42 0.00	55.68 4.17 0.00	47.82 3.38 0.00	41.93 2.85 0.00	39.34 2.40 0.00
MARSH_HILL_WT_PWR 323713	38.69 1.02 0.00	35.69 0.97 0.00	35.03 0.79 0.00	35.63 0.87 0.00	36.41 1.33 0.00	40.36 2.07 0.00	49.64 2.18 0.00	52.92 1.74 0.00	51.35 0.71 0.00	43.68 0.31 0.00	41.40 0.33 0.00	35.94 0.36 0.00	34.36 0.07 0.00	34.32 0.10 0.00	33.03 -0.03 0.00	32.49 -0.06 0.00	33.04 -0.17 0.00	37.27 -0.11 0.00	44.86 0.53 0.00	56.25 1.00 0.00	52.54 1.03 0.00	45.15 0.71 0.00	39.70 0.62 0.00	37.68 0.74 0.00
MCINTYRE_115KV_TB2 80467	37.45 -0.23 0.00	34.72 0.00 0.00	34.31 0.07 0.00	34.90 0.14 0.00	35.22 0.14 0.00	38.52 0.23 0.00	47.84 0.38 0.00	51.49 0.31 0.00	50.99 0.35 0.00	43.38 0.00 0.00	40.91 -0.16 0.00	35.26 -0.32 0.00	33.98 -0.31 0.00	33.90 -0.31 0.00	32.84 -0.23 0.00	32.33 -0.23 0.00	33.24 0.03 0.00	37.61 0.22 0.00	44.68 0.35 0.00	55.86 0.61 0.00	52.18 0.67 0.00	45.07 0.62 0.00	39.70 0.63 0.00	37.50 0.55 0.00
MECO_____69_KV_BK1 80468	40.69 3.01 0.00	37.36 2.64 0.00	36.85 2.60 0.00	37.50 2.75 0.00	37.60 2.53 0.00	41.24 2.95 0.00	51.44 3.99 0.00	55.48 4.30 0.00	54.59 3.95 0.00	46.02 2.65 0.00	43.25 2.18 0.00	37.26 1.67 0.00	35.83 1.54 0.00	35.68 1.47 0.00	34.39 1.32 0.00	33.95 1.40 0.00	34.84 1.63 0.00	39.77 2.39 0.00	47.87 3.55 0.00	60.17 4.92 0.00	56.15 4.64 0.00	48.22 3.78 0.00	42.28 3.20 0.00	39.64 2.70 0.00
MENANDS___115KV_TB5 355628	38.43 0.75 0.00	35.38 0.66 0.00	34.89 0.65 0.00	35.38 0.63 0.00	35.57 0.49 0.00	38.67 0.38 0.00	48.08 0.62 0.00	52.05 0.87 0.00	51.35 0.71 0.00	44.07 0.69 0.00	41.69 0.62 0.00	36.12 0.53 0.00	34.90 0.62 0.00	34.90 0.68 0.00	33.73 0.66 0.00	33.20 0.65 0.00	33.87 0.66 0.00	38.02 0.64 0.00	45.17 0.84 0.00	56.30 1.05 0.00	52.44 0.93 0.00	45.20 0.76 0.00	39.54 0.47 0.00	37.20 0.26 0.00
MG INDUSTRY___DRP 24185	38.58 0.90 0.00	35.52 0.80 0.00	35.10 0.86 0.00	35.59 0.83 0.00	35.78 0.70 0.00	38.90 0.61 0.00	48.31 0.85 0.00	52.20 1.02 0.00	51.45 0.81 0.00	44.03 0.65 0.00	41.61 0.53 0.00	36.01 0.43 0.00	34.77 0.48 0.00	34.73 0.51 0.00	33.56 0.50 0.00	33.07 0.52 0.00	33.74 0.53 0.00	37.98 0.60 0.00	45.26 0.93 0.00	56.47 1.22 0.00	52.59 1.08 0.00	45.38 0.93 0.00	39.78 0.70 0.00	37.46 0.52 0.00

MID___OSWEGATCHIE_HYD 23849	36.05 -1.62 0.00	33.33 -1.39 0.00	32.94 -1.30 0.00	33.51 -1.25 0.00	33.78 -1.30 0.00	36.95 -1.34 0.00	45.99 -1.47 0.00	49.65 -1.54 0.00	49.17 -1.47 0.00	41.77 -1.60 0.00	39.47 -1.60 0.00	34.12 -1.46 0.00	32.88 -1.41 0.00	32.81 -1.40 0.00	31.71 -1.36 0.00	31.25 -1.30 0.00	32.08 -1.13 0.00	36.26 -1.12 0.00	43.17 -1.15 0.00	54.04 -1.22 0.00	50.43 -1.08 0.00	43.60 -0.84 0.00	38.29 -0.78 0.00	36.13 -0.81 0.00
MID___RAQUETTE_HYD 23851	36.24 -1.43 0.00	33.61 -1.11 0.00	33.18 -1.06 0.00	33.78 -0.97 0.00	34.10 -0.98 0.00	37.30 -1.00 0.00	46.37 -1.09 0.00	50.00 -1.18 0.00	49.63 -1.01 0.00	42.34 -1.04 0.00	39.96 -1.11 0.00	34.52 -1.07 0.00	33.22 -1.06 0.00	33.19 -1.03 0.00	32.11 -0.96 0.00	31.61 -0.94 0.00	32.48 -0.73 0.00	36.71 -0.67 0.00	43.53 -0.80 0.00	54.32 -0.94 0.00	50.74 -0.77 0.00	43.82 -0.62 0.00	38.57 -0.51 0.00	36.42 -0.52 0.00
MILLIKEN___1 23584	38.77 1.09 0.00	35.66 0.94 0.00	35.17 0.92 0.00	35.70 0.94 0.00	36.13 1.05 0.00	39.59 1.30 0.00	48.98 1.52 0.00	52.72 1.54 0.00	51.91 1.27 0.00	44.20 0.82 0.00	41.81 0.74 0.00	36.19 0.60 0.00	34.77 0.48 0.00	34.62 0.41 0.00	33.46 0.40 0.00	32.94 0.39 0.00	33.57 0.37 0.00	37.87 0.49 0.00	45.26 0.93 0.00	56.47 1.22 0.00	52.70 1.18 0.00	45.51 1.07 0.00	40.01 0.94 0.00	37.87 0.92 0.00
MILLIKEN___2 23585	38.77 1.09 0.00	35.66 0.94 0.00	35.17 0.92 0.00	35.70 0.94 0.00	36.13 1.05 0.00	39.59 1.30 0.00	48.98 1.52 0.00	52.72 1.54 0.00	51.91 1.27 0.00	44.20 0.82 0.00	41.81 0.74 0.00	36.19 0.60 0.00	34.77 0.48 0.00	34.62 0.41 0.00	33.46 0.40 0.00	32.94 0.39 0.00	33.57 0.37 0.00	37.87 0.49 0.00	45.26 0.93 0.00	56.47 1.22 0.00	52.70 1.18 0.00	45.51 1.07 0.00	40.01 0.94 0.00	37.87 0.92 0.00
MILLIKEN___DIESEL 23629	38.77 1.09 0.00	35.66 0.94 0.00	35.17 0.92 0.00	35.70 0.94 0.00	36.13 1.05 0.00	39.59 1.30 0.00	48.98 1.52 0.00	52.72 1.54 0.00	51.91 1.27 0.00	44.20 0.82 0.00	41.81 0.74 0.00	36.19 0.60 0.00	34.77 0.48 0.00	34.62 0.41 0.00	33.46 0.40 0.00	32.94 0.39 0.00	33.57 0.37 0.00	37.87 0.49 0.00	45.26 0.93 0.00	56.47 1.22 0.00	52.70 1.18 0.00	45.51 1.07 0.00	40.01 0.94 0.00	37.87 0.92 0.00
MILLSEAT___LFGE 323607	39.10 1.43 0.00	35.90 1.18 0.00	35.06 0.82 0.00	35.59 0.83 0.00	36.52 1.44 0.00	40.63 2.34 0.00	49.26 1.80 0.00	52.10 0.92 0.00	50.64 0.00 0.00	43.46 0.09 0.00	41.48 0.41 0.00	36.04 0.46 0.00	34.46 0.17 0.00	34.38 0.17 0.00	33.23 0.17 0.00	32.59 0.03 0.00	32.98 -0.23 0.00	36.94 -0.45 0.00	43.97 -0.36 0.00	55.37 0.11 0.00	51.67 0.15 0.00	44.49 0.04 0.00	39.39 0.31 0.00	37.61 0.67 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.18 1.51 0.00	36.01 1.28 0.00	35.37 1.13 0.00	35.80 1.04 0.00	35.92 0.84 0.00	39.25 0.96 0.00	49.26 1.80 0.00	53.54 2.35 0.00	52.87 2.23 0.00	45.50 2.13 0.00	43.17 2.09 0.00	37.43 1.85 0.00	36.04 1.75 0.00	35.99 1.78 0.00	34.79 1.72 0.00	34.34 1.79 0.00	34.94 1.73 0.00	39.36 1.98 0.00	46.54 2.22 0.00	57.80 2.54 0.00	53.83 2.32 0.00	46.40 1.96 0.00	40.52 1.45 0.00	37.94 1.00 0.00
MILLWOOD_13_KV_LOAD 356217	39.26 1.58 0.00	36.08 1.35 0.00	35.44 1.20 0.00	35.87 1.11 0.00	35.96 0.88 0.00	39.32 1.03 0.00	49.36 1.90 0.00	53.64 2.46 0.00	53.02 2.38 0.00	45.59 2.21 0.00	43.25 2.18 0.00	37.51 1.92 0.00	36.10 1.82 0.00	36.03 1.81 0.00	34.82 1.75 0.00	34.41 1.86 0.00	35.00 1.79 0.00	39.44 2.06 0.00	46.63 2.30 0.00	57.91 2.65 0.00	53.98 2.47 0.00	46.53 2.09 0.00	40.60 1.52 0.00	38.01 1.07 0.00
MODEL_CITY_ENERGY 24167	38.13 0.45 0.00	34.97 0.24 0.00	34.11 -0.14 0.00	34.55 -0.21 0.00	35.53 0.45 0.00	39.55 1.26 0.00	47.93 0.47 0.00	50.57 -0.61 0.00	49.12 -1.52 0.00	42.34 -1.04 0.00	40.50 -0.58 0.00	35.26 -0.32 0.00	33.63 -0.65 0.00	33.60 -0.61 0.00	32.44 -0.63 0.00	31.81 -0.75 0.00	32.11 -1.10 0.00	35.85 -1.53 0.00	42.51 -1.82 0.00	53.43 -1.82 0.00	49.86 -1.65 0.00	42.93 -1.51 0.00	38.14 -0.94 0.00	36.61 -0.33 0.00
MODERN_LFGE___ 323580	38.13 0.45 0.00	34.97 0.24 0.00	34.11 -0.14 0.00	34.55 -0.21 0.00	35.53 0.45 0.00	39.55 1.26 0.00	47.93 0.47 0.00	50.57 -0.61 0.00	49.12 -1.52 0.00	42.34 -1.04 0.00	40.50 -0.58 0.00	35.26 -0.32 0.00	33.63 -0.65 0.00	33.60 -0.61 0.00	32.44 -0.63 0.00	31.81 -0.75 0.00	32.11 -1.10 0.00	35.85 -1.53 0.00	42.51 -1.82 0.00	53.43 -1.82 0.00	49.86 -1.65 0.00	42.93 -1.51 0.00	38.14 -0.94 0.00	36.61 -0.33 0.00
MOHAWK_PAPER___DRP 24187	38.61 0.94 0.00	35.56 0.83 0.00	35.06 0.82 0.00	35.56 0.80 0.00	35.71 0.63 0.00	38.90 0.61 0.00	48.36 0.90 0.00	52.36 1.18 0.00	51.65 1.01 0.00	44.29 0.91 0.00	41.85 0.78 0.00	36.26 0.68 0.00	35.04 0.75 0.00	35.00 0.79 0.00	33.83 0.76 0.00	33.33 0.78 0.00	34.01 0.80 0.00	38.17 0.79 0.00	45.43 1.11 0.00	56.64 1.38 0.00	52.75 1.24 0.00	45.42 0.98 0.00	39.78 0.70 0.00	37.42 0.48 0.00
MOHICAN___35_KV_115KV_LD 80490	40.08 2.41 0.00	36.84 2.12 0.00	36.33 2.09 0.00	36.95 2.19 0.00	37.01 1.93 0.00	40.51 2.22 0.00	50.59 3.13 0.00	54.76 3.58 0.00	54.03 3.39 0.00	45.98 2.60 0.00	43.29 2.22 0.00	37.26 1.67 0.00	35.73 1.44 0.00	35.65 1.44 0.00	34.42 1.36 0.00	33.92 1.37 0.00	34.67 1.46 0.00	39.29 1.91 0.00	46.90 2.57 0.00	58.85 3.59 0.00	54.81 3.30 0.00	47.11 2.67 0.00	41.30 2.23 0.00	38.75 1.81 0.00
MONGAUP___HYD 23641	39.10 1.43 0.00	35.94 1.21 0.00	35.37 1.13 0.00	35.77 1.01 0.00	35.96 0.88 0.00	39.21 0.92 0.00	48.84 1.38 0.00	52.46 1.28 0.00	51.60 0.96 0.00	44.68 1.30 0.00	42.55 1.48 0.00	36.86 1.28 0.00	35.52 1.23 0.00	35.41 1.20 0.00	34.29 1.22 0.00	33.86 1.30 0.00	34.47 1.26 0.00	38.95 1.57 0.00	46.14 1.82 0.00	57.74 2.49 0.00	53.57 2.06 0.00	46.18 1.73 0.00	40.56 1.48 0.00	38.05 1.11 0.00
MONTAUK___DIESEL 23721	39.10 1.43 0.00	35.76 1.04 0.00	35.00 0.75 0.00	35.28 0.52 0.00	35.01 -0.07 0.00	38.29 0.00 0.00	49.88 2.42 0.00	53.64 2.46 0.00	53.53 2.89 -0.01	46.64 3.25 -0.01	43.79 2.71 -0.01	39.10 2.53 -0.99	36.11 1.82 -0.01	35.90 1.68 -0.01	34.26 1.19 0.00	33.99 1.43 0.00	34.64 1.43 0.00	38.92 1.53 -0.01	46.28 1.95 -0.01	57.41 2.15 0.00	53.11 1.60 0.00	46.10 1.64 -0.01	40.21 1.13 0.00	37.57 0.63 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	39.82 2.15 0.00	36.74 2.01 0.00	35.95 1.71 0.00	36.56 1.81 0.00	37.53 2.46 0.00	41.74 3.45 0.00	51.25 3.80 0.00	54.10 2.92 0.00	53.07 2.43 0.00	45.37 2.00 0.00	43.25 2.18 0.00	37.58 1.99 0.00	35.80 1.51 0.00	35.68 1.47 0.00	34.42 1.36 0.00	33.73 1.17 0.00	34.07 0.86 0.00	38.24 0.86 0.00	45.39 1.06 0.00	56.91 1.66 0.00	52.80 1.29 0.00	45.29 0.84 0.00	39.74 0.66 0.00	37.68 0.74 0.00

MORRIS RIDGE___SOLAR 323848	38.27 0.60 0.00	35.31 0.59 0.00	34.62 0.38 0.00	35.18 0.42 0.00	35.96 0.88 0.00	39.86 1.57 0.00	48.84 1.38 0.00	51.90 0.72 0.00	50.29 -0.35 0.00	42.86 -0.52 0.00	40.66 -0.41 0.00	35.34 -0.25 0.00	33.84 -0.45 0.00	33.80 -0.41 0.00	32.57 -0.50 0.00	31.97 -0.59 0.00	32.48 -0.73 0.00	36.56 -0.82 0.00	43.97 -0.36 0.00	55.14 -0.11 0.00	51.51 0.00 0.00	44.27 -0.18 0.00	39.00 -0.08 0.00	37.13 0.19 0.00
MORTIMER_115KV_TB3 55949	38.31 0.64 0.00	35.21 0.49 0.00	34.55 0.31 0.00	35.07 0.31 0.00	35.78 0.70 0.00	39.55 1.26 0.00	48.41 0.95 0.00	51.49 0.31 0.00	50.69 0.05 0.00	43.51 0.13 0.00	41.36 0.29 0.00	35.87 0.28 0.00	34.36 0.07 0.00	34.28 0.07 0.00	33.10 0.03 0.00	32.52 -0.03 0.00	32.91 -0.30 0.00	36.97 -0.41 0.00	43.97 -0.35 0.00	55.03 -0.22 0.00	51.30 -0.21 0.00	44.27 -0.18 0.00	39.11 0.04 0.00	37.16 0.22 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.44 1.77 0.00	36.25 1.53 0.00	35.58 1.34 0.00	35.97 1.22 0.00	36.06 0.98 0.00	39.52 1.23 0.00	49.59 2.14 0.00	54.00 2.81 0.00	53.37 2.73 0.00	45.98 2.60 0.00	43.62 2.55 0.00	37.86 2.28 0.00	36.45 2.16 0.00	36.40 2.19 0.00	35.15 2.08 0.00	34.73 2.18 0.00	35.30 2.09 0.00	39.74 2.36 0.00	46.98 2.66 0.00	58.13 2.87 0.00	54.29 2.78 0.00	46.76 2.31 0.00	40.83 1.76 0.00	38.20 1.26 0.00
MUNSVILLE_WIND_PWR 323609	39.89 2.22 0.00	36.88 2.15 0.00	36.50 2.26 0.00	37.19 2.43 0.00	37.57 2.49 0.00	41.36 3.06 0.00	51.30 3.84 0.00	55.43 4.25 0.00	54.49 3.85 0.00	45.67 2.30 0.00	42.96 1.89 0.00	36.83 1.24 0.00	35.35 1.06 0.00	35.17 0.96 0.00	33.96 0.89 0.00	33.56 1.01 0.00	34.44 1.23 0.00	39.07 1.68 0.00	47.25 2.92 0.00	59.51 4.25 0.00	55.42 3.91 0.00	48.04 3.60 0.00	42.24 3.16 0.00	39.83 2.88 0.00
N SALMON___HYD 24042	36.73 -0.94 0.00	34.13 -0.59 0.00	33.69 -0.55 0.00	34.38 -0.38 0.00	34.84 -0.24 0.00	38.18 -0.11 0.00	47.65 0.19 0.00	51.44 0.26 0.00	51.00 0.36 0.00	43.51 0.13 0.00	41.03 -0.04 0.00	35.37 -0.21 0.00	34.08 -0.20 0.00	34.08 -0.14 0.00	32.97 -0.10 0.00	32.55 0.00 0.00	33.54 0.33 0.00	37.98 0.60 0.00	45.08 0.75 0.00	56.19 0.94 0.00	52.70 1.19 0.00	45.47 1.02 0.00	40.09 1.01 0.00	37.83 0.89 0.00
N.AKRON__115KV_KNAPP 355671	38.92 1.24 0.00	35.76 1.04 0.00	35.00 0.75 0.00	35.52 0.76 0.00	36.45 1.37 0.00	40.51 2.22 0.00	49.21 1.76 0.00	51.64 0.46 0.00	50.59 -0.05 0.00	43.46 0.09 0.00	41.48 0.41 0.00	36.05 0.46 0.00	34.49 0.21 0.00	34.42 0.21 0.00	33.20 0.13 0.00	32.65 0.10 0.00	32.91 -0.30 0.00	36.93 -0.45 0.00	43.97 -0.35 0.00	55.25 0.00 0.00	51.46 -0.05 0.00	44.40 -0.04 0.00	39.31 0.23 0.00	37.50 0.55 0.00
N.BELMOR_69_KV_BK1 55787	39.74 2.07 0.00	36.42 1.70 0.00	35.68 1.44 0.00	36.04 1.29 0.00	36.03 0.95 0.00	39.48 1.19 0.00	50.26 2.80 0.00	54.30 3.12 0.00	53.84 3.19 -0.01	46.38 2.99 -0.01	43.92 2.83 -0.01	39.50 2.53 -1.39	36.73 2.43 -0.01	36.62 2.39 -0.01	35.28 2.22 0.00	34.90 2.34 0.00	35.57 2.36 0.00	40.12 2.73 -0.01	47.40 3.06 -0.01	58.57 3.32 0.00	54.45 2.94 0.00	47.30 2.84 -0.01	41.26 2.19 0.00	38.38 1.44 0.00
N.E_GEN_SANDY PD 24062	38.77 1.09 0.00	35.73 1.01 0.00	35.20 0.96 0.00	35.66 0.90 0.00	35.89 0.81 0.00	38.90 0.61 0.00	48.69 1.23 0.00	52.67 1.49 0.00	52.01 1.37 0.00	44.72 1.35 0.00	42.30 1.23 0.00	36.65 1.07 0.00	35.42 1.13 0.00	35.34 1.13 0.00	34.16 1.09 0.00	33.72 1.17 0.00	34.34 1.13 0.00	38.65 1.27 0.00	46.10 1.77 0.00	57.30 2.05 0.00	53.31 1.80 0.00	46.00 1.55 0.00	40.21 1.13 0.00	37.72 0.78 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.07 1.39 0.00	35.90 1.18 0.00	35.27 1.03 0.00	35.70 0.94 0.00	35.85 0.77 0.00	39.17 0.88 0.00	49.17 1.71 0.00	53.38 2.20 0.00	52.72 2.08 0.00	45.42 2.04 0.00	43.04 1.97 0.00	37.36 1.78 0.00	35.97 1.68 0.00	35.89 1.68 0.00	34.69 1.62 0.00	34.25 1.69 0.00	34.84 1.63 0.00	39.25 1.87 0.00	46.45 2.13 0.00	57.69 2.43 0.00	53.73 2.21 0.00	46.31 1.87 0.00	40.44 1.37 0.00	37.87 0.92 0.00
N.QUEENS_27_KV_LOAD 356247	39.83 2.15 -0.01	36.57 1.84 -0.01	35.85 1.61 0.00	36.22 1.46 0.00	36.27 1.19 0.00	39.63 1.34 0.00	49.59 2.14 0.00	54.00 2.81 0.00	53.53 2.89 0.00	46.11 2.73 0.00	43.74 2.67 0.00	37.97 2.38 0.00	36.58 2.30 0.01	36.50 2.29 0.00	35.28 2.22 0.00	34.90 2.34 0.00	35.43 2.22 0.00	39.89 2.50 0.00	47.03 2.70 0.00	58.07 2.82 0.00	54.34 2.83 0.00	46.76 2.31 0.00	40.87 1.80 0.00	38.38 1.44 0.00
N.TROY___115KV_TB1 355778	38.95 1.28 0.00	35.87 1.15 0.00	35.34 1.10 0.00	35.87 1.11 0.00	36.06 0.98 0.00	39.32 1.03 0.00	48.98 1.52 0.00	52.92 1.74 0.00	52.21 1.57 0.00	44.72 1.34 0.00	42.26 1.19 0.00	36.54 0.96 0.00	35.25 0.96 0.00	35.20 0.99 0.00	34.03 0.96 0.00	33.53 0.98 0.00	34.24 1.03 0.00	38.54 1.16 0.00	45.83 1.51 0.00	57.19 1.93 0.00	53.21 1.70 0.00	45.87 1.42 0.00	40.17 1.09 0.00	37.75 0.81 0.00
NARROWS_GT1_1 24228	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13.79
NARROWS_GT1_2 24229	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13.79
NARROWS_GT1_3 24230	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13.79
NARROWS_GT1_4 24231	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13.79

NARROWS_GT1_5 24232	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13.79
NARROWS_GT1_6 24233	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13.79
NARROWS_GT1_7 24234	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13.79
NARROWS_GT1_8 24235	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13.79
NARROWS_GT2_1 24236	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13.79
NARROWS_GT2_2 24237	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13.79
NARROWS_GT2_3 24238	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13.79
NARROWS_GT2_4 24239	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13.79
NARROWS_GT2_5 24240	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13.79
NARROWS_GT2_6 24241	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13.79
NARROWS_GT2_7 24242	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13.79
NARROWS_GT2_8 24243	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13.79
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	39.07 1.39 0.00	35.94 1.22 0.00	35.44 1.20 0.00	35.94 1.18 0.00	36.13 1.05 0.00	39.29 1.00 0.00	48.83 1.38 0.00	52.77 1.59 0.00	51.65 1.01 0.00	44.16 0.78 0.00	41.61 0.53 0.00	35.94 0.36 0.00	34.73 0.45 0.00	34.69 0.48 0.00	33.60 0.53 0.00	33.11 0.55 0.00	33.84 0.63 0.00	38.13 0.75 0.00	45.61 1.29 0.00	57.30 2.04 0.00	53.21 1.70 0.00	45.82 1.38 0.00	40.17 1.09 0.00	37.87 0.92 0.00
NCHELSEA_115KV_TR2 355582	39.29 1.62 0.00	36.11 1.39 0.00	35.51 1.27 0.00	35.94 1.18 0.00	36.06 0.98 0.00	39.40 1.11 0.00	49.40 1.95 0.00	53.64 2.46 0.00	52.82 2.18 0.00	45.50 2.13 0.00	43.09 2.01 0.00	37.33 1.74 0.00	35.93 1.65 0.00	35.85 1.64 0.00	34.72 1.65 0.00	34.25 1.69 0.00	34.87 1.66 0.00	39.29 1.91 0.00	46.54 2.22 0.00	58.02 2.76 0.00	53.98 2.47 0.00	46.49 2.04 0.00	40.60 1.52 0.00	38.05 1.11 0.00
NEG CAPITAL___MECHNVIL 23645	39.71 2.03 0.00	36.53 1.80 0.00	36.02 1.78 0.00	36.60 1.84 0.00	36.73 1.65 0.00	39.97 1.68 0.00	49.97 2.51 0.00	54.05 2.86 0.00	53.37 2.73 0.00	45.59 2.21 0.00	42.96 1.89 0.00	37.11 1.53 0.00	35.66 1.37 0.00	35.58 1.37 0.00	34.36 1.29 0.00	33.95 1.40 0.00	34.67 1.46 0.00	39.18 1.79 0.00	46.67 2.35 0.00	58.29 3.04 0.00	54.29 2.78 0.00	46.75 2.31 0.00	40.95 1.88 0.00	38.49 1.55 0.00

NEG CENTRAL_HIGH_ACRES 23767	37.67 0.00 0.00	34.62 -0.10 0.00	33.97 -0.28 0.00	34.52 -0.24 0.00	35.11 0.04 0.00	38.79 0.50 0.00	47.55 0.10 0.00	50.98 -0.20 0.00	49.98 -0.66 0.00	42.86 -0.52 0.00	40.70 -0.37 0.00	35.26 -0.32 0.00	33.77 -0.51 0.00	33.66 -0.55 0.00	32.54 -0.53 0.00	31.93 -0.62 0.00	32.41 -0.80 0.00	36.37 -1.01 0.00	43.26 -1.06 0.00	54.15 -1.10 0.00	50.59 -0.93 0.00	43.60 -0.85 0.00	38.45 -0.63 0.00	36.54 -0.41 0.00
NEG CENTRAL___DRP 24199	38.39 0.72 0.00	35.31 0.59 0.00	34.79 0.55 0.00	35.35 0.59 0.00	35.85 0.77 0.00	39.40 1.11 0.00	48.60 1.14 0.00	52.05 0.87 0.00	51.35 0.71 0.00	43.81 0.43 0.00	41.48 0.41 0.00	35.94 0.36 0.00	34.46 0.17 0.00	34.35 0.14 0.00	33.17 0.10 0.00	32.62 0.07 0.00	33.18 -0.03 0.00	37.38 0.00 0.00	44.59 0.27 0.00	55.59 0.33 0.00	51.82 0.31 0.00	44.85 0.40 0.00	39.47 0.39 0.00	37.42 0.48 0.00
NEG CENTRAL___INDECK 23768	40.69 3.01 0.00	37.40 2.67 0.00	36.67 2.43 0.00	37.37 2.61 0.00	38.10 3.02 0.00	42.27 3.98 0.00	51.73 4.27 0.00	55.33 4.14 0.00	53.52 2.88 0.00	45.28 1.91 0.00	42.76 1.68 0.00	36.97 1.39 0.00	35.18 0.89 0.00	35.03 0.82 0.00	33.83 0.76 0.00	32.75 0.20 0.00	33.31 0.10 0.00	37.61 0.23 0.00	45.30 0.97 0.00	57.08 1.82 0.00	53.42 1.91 0.00	45.91 1.46 0.00	40.44 1.37 0.00	38.35 1.40 0.00
NEG CENTRAL___SENECA 23627	38.65 0.98 0.00	35.56 0.83 0.00	35.00 0.75 0.00	35.56 0.80 0.00	36.17 1.09 0.00	39.78 1.49 0.00	49.12 1.66 0.00	52.36 1.18 0.00	51.65 1.01 0.00	44.03 0.65 0.00	41.73 0.66 0.00	36.12 0.53 0.00	34.60 0.31 0.00	34.49 0.27 0.00	33.30 0.23 0.00	32.75 0.20 0.00	33.27 0.07 0.00	37.49 0.11 0.00	44.86 0.53 0.00	55.86 0.61 0.00	52.08 0.57 0.00	45.16 0.71 0.00	39.70 0.63 0.00	37.68 0.74 0.00
NEG CENTRAL___STATE_STREET 24147	38.24 0.57 0.00	35.17 0.45 0.00	34.65 0.41 0.00	35.21 0.45 0.00	35.68 0.60 0.00	39.06 0.77 0.00	48.26 0.81 0.00	51.95 0.77 0.00	51.25 0.61 0.00	43.72 0.35 0.00	41.44 0.37 0.00	35.90 0.32 0.00	34.49 0.21 0.00	34.38 0.17 0.00	33.17 0.10 0.00	32.65 0.10 0.00	33.21 0.00 0.00	37.42 0.04 0.00	44.59 0.27 0.00	55.64 0.39 0.00	51.87 0.36 0.00	44.80 0.36 0.00	39.43 0.35 0.00	37.35 0.41 0.00
NEG MILLWOOD___DRP 24198	39.44 1.77 0.00	36.25 1.53 0.00	35.65 1.40 0.00	36.08 1.32 0.00	36.17 1.09 0.00	39.55 1.26 0.00	49.64 2.18 0.00	54.00 2.81 0.00	53.22 2.58 0.00	45.76 2.39 0.00	43.37 2.30 0.00	37.58 1.99 0.00	36.10 1.82 0.00	35.99 1.78 0.00	34.89 1.82 0.00	34.47 1.92 0.00	35.07 1.86 0.00	39.51 2.13 0.00	46.76 2.44 0.00	58.29 3.04 0.00	54.24 2.73 0.00	46.76 2.31 0.00	40.79 1.72 0.00	38.20 1.26 0.00
NEG NORTH_FLCN_SEA 23793	36.73 -0.94 0.00	34.13 -0.59 0.00	33.69 -0.55 0.00	34.38 -0.38 0.00	34.87 -0.21 0.00	38.25 -0.04 0.00	47.70 0.24 0.00	51.49 0.31 0.00	50.99 0.35 0.00	43.55 0.17 0.00	41.07 0.00 0.00	35.48 -0.11 0.00	34.18 -0.10 0.00	34.18 -0.03 0.00	33.10 0.03 0.00	32.68 0.13 0.00	33.67 0.46 0.00	38.13 0.75 0.00	45.21 0.89 0.00	56.36 1.11 0.00	52.85 1.34 0.00	45.60 1.16 0.00	40.17 1.09 0.00	38.01 1.07 0.00
NEG NORTH_KES_CHATEGAY 23792	36.32 -1.36 0.00	33.71 -1.01 0.00	33.28 -0.96 0.00	33.92 -0.83 0.00	34.41 -0.67 0.00	37.75 -0.54 0.00	47.03 -0.43 0.00	50.77 -0.41 0.00	50.34 -0.30 0.00	43.03 -0.35 0.00	40.62 -0.45 0.00	35.09 -0.50 0.00	33.81 -0.48 0.00	33.80 -0.41 0.00	32.77 -0.30 0.00	32.36 -0.20 0.00	33.31 0.10 0.00	37.68 0.30 0.00	44.64 0.31 0.00	55.75 0.50 0.00	52.23 0.72 0.00	45.11 0.67 0.00	39.74 0.66 0.00	37.61 0.66 0.00
NEG NORTH___ALICE_FALLS 23915	36.99 -0.68 0.00	34.41 -0.31 0.00	33.97 -0.27 0.00	34.65 -0.10 0.00	35.18 0.11 0.00	38.60 0.31 0.00	48.17 0.71 0.00	52.00 0.82 0.00	51.50 0.86 0.00	43.90 0.52 0.00	41.40 0.33 0.00	35.69 0.11 0.00	34.39 0.10 0.00	34.38 0.17 0.00	33.30 0.23 0.00	32.91 0.36 0.00	33.94 0.73 0.00	38.47 1.08 0.00	45.61 1.29 0.00	56.91 1.66 0.00	53.31 1.80 0.00	46.05 1.60 0.00	40.52 1.45 0.00	38.35 1.40 0.00
NEG NORTH___LWR_SARANAC 23913	36.99 -0.68 0.00	34.41 -0.31 0.00	33.97 -0.27 0.00	34.65 -0.10 0.00	35.18 0.11 0.00	38.60 0.31 0.00	48.17 0.71 0.00	52.00 0.82 0.00	51.50 0.86 0.00	43.90 0.52 0.00	41.40 0.33 0.00	35.69 0.11 0.00	34.39 0.10 0.00	34.38 0.17 0.00	33.30 0.23 0.00	32.91 0.36 0.00	33.94 0.73 0.00	38.47 1.08 0.00	45.61 1.29 0.00	56.91 1.66 0.00	53.31 1.80 0.00	46.05 1.60 0.00	40.52 1.45 0.00	38.35 1.40 0.00
NEG NORTH___PLATTSBURG 23628	37.00 -0.68 0.00	34.41 -0.31 0.00	33.97 -0.28 0.00	34.65 -0.10 0.00	35.18 0.11 0.00	38.60 0.30 0.00	48.17 0.71 0.00	52.00 0.82 0.00	51.50 0.86 0.00	43.90 0.52 0.00	41.40 0.33 0.00	35.69 0.11 0.00	34.39 0.10 0.00	34.38 0.17 0.00	33.30 0.23 0.00	32.91 0.36 0.00	33.94 0.73 0.00	38.47 1.08 0.00	45.65 1.33 0.00	56.91 1.66 0.00	53.36 1.85 0.00	46.04 1.60 0.00	40.60 1.52 0.00	38.35 1.40 0.00
NEG WEST_LEA_LOCKPORT 23791	38.31 0.64 0.00	35.21 0.49 0.00	34.41 0.17 0.00	34.86 0.10 0.00	35.85 0.77 0.00	39.86 1.57 0.00	48.41 0.95 0.00	50.67 -0.51 0.00	49.63 -1.01 0.00	42.73 -0.65 0.00	40.87 -0.21 0.00	35.58 0.00 0.00	34.01 -0.27 0.00	33.94 -0.27 0.00	32.74 -0.33 0.00	32.20 -0.36 0.00	32.41 -0.80 0.00	36.26 -1.12 0.00	43.04 -1.29 0.00	53.98 -1.27 0.00	50.27 -1.24 0.00	43.42 -1.02 0.00	38.53 -0.55 0.00	36.87 -0.07 0.00
NEG WEST___LANCASTER 23811	38.61 0.94 0.00	35.52 0.80 0.00	34.72 0.48 0.00	35.24 0.49 0.00	36.13 1.05 0.00	40.13 1.84 0.00	49.12 1.66 0.00	51.44 0.26 0.00	50.44 -0.20 0.00	43.29 -0.09 0.00	41.28 0.21 0.00	35.90 0.32 0.00	34.29 0.00 0.00	34.21 0.00 0.00	33.03 -0.03 0.00	32.42 -0.13 0.00	32.78 -0.43 0.00	36.75 -0.64 0.00	43.66 -0.66 0.00	54.70 -0.55 0.00	50.94 -0.57 0.00	43.82 -0.62 0.00	38.72 -0.35 0.00	37.24 0.30 0.00
NEG_PENN_ALLEGHNY 23528	38.43 0.75 0.00	35.35 0.63 0.00	34.82 0.58 0.00	35.31 0.55 0.00	35.78 0.70 0.00	39.21 0.92 0.00	48.55 1.09 0.00	52.20 1.02 0.00	52.01 1.37 0.00	44.46 1.08 0.00	42.10 1.03 0.00	36.47 0.89 0.00	34.97 0.69 0.00	34.90 0.68 0.00	33.69 0.63 0.00	33.11 0.55 0.00	33.41 0.20 0.00	37.61 0.23 0.00	44.77 0.44 0.00	55.92 0.67 0.00	52.13 0.62 0.00	44.93 0.49 0.00	39.51 0.43 0.00	37.42 0.48 0.00
NEG___GEN_MONROE 24207	38.61 0.94 0.00	35.52 0.80 0.00	34.89 0.65 0.00	35.42 0.66 0.00	36.17 1.09 0.00	40.05 1.76 0.00	48.98 1.52 0.00	52.00 0.82 0.00	51.15 0.51 0.00	43.81 0.43 0.00	41.57 0.49 0.00	36.01 0.43 0.00	34.39 0.10 0.00	34.21 0.00 0.00	33.00 -0.07 0.00	32.42 -0.13 0.00	32.78 -0.43 0.00	36.82 -0.56 0.00	43.84 -0.49 0.00	54.98 -0.28 0.00	51.20 -0.31 0.00	44.22 -0.22 0.00	39.04 -0.04 0.00	37.13 0.18 0.00

NEPA___ENERGY 23901	39.07 1.39 0.00	35.94 1.22 0.00	35.17 0.92 0.00	35.66 0.90 0.00	36.55 1.47 0.00	40.59 2.30 0.00	49.78 2.33 0.00	52.41 1.23 0.00	51.40 0.76 0.00	44.07 0.69 0.00	42.02 0.94 0.00	36.54 0.96 0.00	34.90 0.62 0.00	34.79 0.58 0.00	33.60 0.53 0.00	32.98 0.42 0.00	33.34 0.13 0.00	37.42 0.04 0.00	44.46 0.13 0.00	55.70 0.44 0.00	51.82 0.31 0.00	44.53 0.09 0.00	39.23 0.16 0.00	37.53 0.59 0.00
NEVERSink___HYD 23608	39.22 1.55 0.00	36.07 1.35 0.00	35.51 1.27 0.00	35.90 1.15 0.00	36.10 1.02 0.00	39.32 1.03 0.00	49.26 1.80 0.00	53.43 2.25 0.00	52.61 1.97 0.00	45.24 1.86 0.00	42.84 1.76 0.00	37.01 1.42 0.00	35.56 1.27 0.00	35.34 1.13 0.00	34.22 1.16 0.00	33.76 1.21 0.00	34.37 1.16 0.00	38.84 1.46 0.00	46.23 1.90 0.00	57.80 2.54 0.00	53.62 2.11 0.00	46.22 1.78 0.00	40.40 1.33 0.00	37.87 0.92 0.00
NEWKRMKL_115KV_TB1 55635	38.24 0.57 0.00	35.21 0.49 0.00	34.76 0.51 0.00	35.24 0.49 0.00	35.39 0.32 0.00	38.52 0.23 0.00	47.84 0.38 0.00	51.80 0.61 0.00	51.15 0.51 0.00	43.85 0.48 0.00	41.48 0.41 0.00	35.90 0.32 0.00	34.73 0.45 0.00	34.73 0.51 0.00	33.56 0.50 0.00	33.04 0.49 0.00	33.71 0.50 0.00	37.79 0.41 0.00	44.95 0.62 0.00	56.03 0.77 0.00	52.18 0.67 0.00	44.98 0.53 0.00	39.39 0.31 0.00	37.05 0.11 0.00
NEWTON___FALLS_HYD 23847	36.05 -1.62 0.00	33.33 -1.39 0.00	32.94 -1.30 0.00	33.51 -1.25 0.00	33.78 -1.30 0.00	36.95 -1.34 0.00	45.99 -1.47 0.00	49.65 -1.54 0.00	49.17 -1.47 0.00	41.77 -1.60 0.00	39.47 -1.60 0.00	34.12 -1.46 0.00	32.88 -1.41 0.00	32.81 -1.40 0.00	31.71 -1.36 0.00	31.25 -1.30 0.00	32.08 -1.13 0.00	36.26 -1.12 0.00	43.17 -1.15 0.00	54.04 -1.22 0.00	50.43 -1.08 0.00	43.60 -0.84 0.00	38.29 -0.78 0.00	36.13 -0.81 0.00
NGRID_A1_DSASP 323792	38.50 0.83 0.00	35.24 0.52 0.00	34.35 0.10 0.00	34.79 0.03 0.00	35.82 0.74 0.00	39.94 1.65 0.00	47.88 0.43 0.00	50.41 -0.77 0.00	49.07 -1.57 0.00	42.29 -1.08 0.00	40.50 -0.58 0.00	35.30 -0.29 0.00	33.67 -0.62 0.00	33.60 -0.61 0.00	32.47 -0.59 0.00	31.84 -0.72 0.00	32.11 -1.10 0.00	35.81 -1.57 0.00	42.42 -1.90 0.00	53.27 -1.99 0.00	49.71 -1.80 0.00	42.85 -1.60 0.00	38.10 -0.98 0.00	36.54 -0.41 0.00
NGRID_A2_DSASP 323793	38.50 0.83 0.00	35.24 0.52 0.00	34.35 0.10 0.00	34.79 0.03 0.00	35.82 0.74 0.00	39.94 1.65 0.00	47.88 0.43 0.00	50.41 -0.77 0.00	49.07 -1.57 0.00	42.29 -1.08 0.00	40.50 -0.58 0.00	35.30 -0.29 0.00	33.67 -0.62 0.00	33.60 -0.61 0.00	32.47 -0.59 0.00	31.84 -0.72 0.00	32.11 -1.10 0.00	35.81 -1.57 0.00	42.42 -1.90 0.00	53.27 -1.99 0.00	49.71 -1.80 0.00	42.85 -1.60 0.00	38.10 -0.98 0.00	36.54 -0.41 0.00
NGRID_A4_DSASP 323807	38.50 0.83 0.00	35.24 0.52 0.00	34.35 0.10 0.00	34.79 0.03 0.00	35.82 0.74 0.00	39.94 1.65 0.00	47.88 0.43 0.00	50.41 -0.77 0.00	49.07 -1.57 0.00	42.29 -1.08 0.00	40.50 -0.58 0.00	35.30 -0.29 0.00	33.67 -0.62 0.00	33.60 -0.61 0.00	32.47 -0.59 0.00	31.84 -0.72 0.00	32.11 -1.10 0.00	35.81 -1.57 0.00	42.42 -1.90 0.00	53.27 -1.99 0.00	49.71 -1.80 0.00	42.85 -1.60 0.00	38.10 -0.98 0.00	36.54 -0.41 0.00
NIAGARA_115E_LBMP 323715	37.94 0.27 0.00	34.79 0.07 0.00	33.93 -0.31 0.00	34.38 -0.38 0.00	35.36 0.28 0.00	39.32 1.03 0.00	47.70 0.24 0.00	50.26 -0.92 0.00	48.87 -1.77 0.00	42.12 -1.26 0.00	40.29 -0.78 0.00	35.12 -0.46 0.00	33.46 -0.82 0.00	33.43 -0.79 0.00	32.31 -0.76 0.00	31.68 -0.88 0.00	31.95 -1.26 0.00	35.63 -1.76 0.00	42.29 -2.04 0.00	53.10 -2.16 0.00	49.55 -1.96 0.00	42.71 -1.73 0.00	37.94 -1.13 0.00	36.42 -0.52 0.00
NIAGARA_115W_LBMP 323714	38.43 0.75 0.00	35.17 0.45 0.00	34.31 0.07 0.00	34.76 0.00 0.00	35.74 0.66 0.00	39.86 1.57 0.00	47.70 0.24 0.00	50.26 -0.92 0.00	48.87 -1.77 0.00	42.16 -1.21 0.00	40.37 -0.70 0.00	35.16 -0.43 0.00	33.53 -0.75 0.00	33.49 -0.72 0.00	32.37 -0.70 0.00	31.74 -0.81 0.00	32.01 -1.19 0.00	35.70 -1.68 0.00	42.29 -2.04 0.00	53.04 -2.21 0.00	49.55 -1.96 0.00	42.71 -1.73 0.00	37.98 -1.09 0.00	36.39 -0.55 0.00
NIAGARA_230_LBMP 323716	38.24 0.57 0.00	35.00 0.28 0.00	34.14 -0.10 0.00	34.58 -0.17 0.00	35.57 0.49 0.00	39.67 1.38 0.00	48.07 0.62 0.00	50.67 -0.51 0.00	49.27 -1.36 0.00	42.51 -0.87 0.00	40.66 -0.41 0.00	35.44 -0.14 0.00	33.81 -0.48 0.00	33.77 -0.45 0.00	32.64 -0.43 0.00	32.00 -0.55 0.00	32.28 -0.93 0.00	36.00 -1.38 0.00	42.69 -1.64 0.00	53.54 -1.71 0.00	49.97 -1.54 0.00	43.07 -1.38 0.00	38.29 -0.78 0.00	36.69 -0.26 0.00
NIAGARA___115KV_198_GIBSON 55903	38.28 0.60 0.00	35.10 0.38 0.00	34.31 0.07 0.00	34.76 0.00 0.00	35.75 0.67 0.00	39.82 1.53 0.00	47.70 0.24 0.00	49.85 -1.33 0.00	48.87 -1.77 0.00	42.16 -1.21 0.00	40.37 -0.70 0.00	35.19 -0.39 0.00	33.64 -0.65 0.00	33.56 -0.65 0.00	32.37 -0.69 0.00	31.84 -0.72 0.00	32.01 -1.20 0.00	35.77 -1.61 0.00	42.37 -1.95 0.00	53.10 -2.15 0.00	49.45 -2.06 0.00	42.76 -1.69 0.00	37.98 -1.09 0.00	36.46 -0.48 0.00
NIAGARA___ 23760	38.24 0.57 0.00	35.00 0.28 0.00	34.14 -0.10 0.00	34.58 -0.17 0.00	35.57 0.49 0.00	39.67 1.38 0.00	48.07 0.62 0.00	50.67 -0.51 0.00	49.27 -1.36 0.00	42.51 -0.87 0.00	40.66 -0.41 0.00	35.44 -0.14 0.00	33.81 -0.48 0.00	33.77 -0.45 0.00	32.64 -0.43 0.00	32.00 -0.55 0.00	32.28 -0.93 0.00	36.00 -1.38 0.00	42.69 -1.64 0.00	53.54 -1.71 0.00	49.97 -1.54 0.00	43.07 -1.38 0.00	38.29 -0.78 0.00	36.69 -0.26 0.00
NINE_MILE_1 23575	37.18 -0.49 0.00	34.24 -0.49 0.00	33.73 -0.51 0.00	34.24 -0.52 0.00	34.59 -0.49 0.00	37.87 -0.42 0.00	46.65 -0.81 0.00	50.21 -0.97 0.00	49.53 -1.11 0.00	42.42 -0.95 0.00	40.21 -0.86 0.00	34.87 -0.71 0.00	33.53 -0.75 0.00	33.46 -0.75 0.00	32.34 -0.73 0.00	31.84 -0.72 0.00	32.41 -0.80 0.00	36.45 -0.93 0.00	43.13 -1.19 0.00	53.82 -1.44 0.00	50.17 -1.34 0.00	43.29 -1.16 0.00	38.14 -0.94 0.00	36.20 -0.74 0.00
NINE_MILE_2 23744	37.18 -0.49 0.00	34.20 -0.52 0.00	33.73 -0.51 0.00	34.24 -0.52 0.00	34.59 -0.49 0.00	37.83 -0.46 0.00	46.61 -0.85 0.00	50.21 -0.97 0.00	49.53 -1.11 0.00	42.42 -0.95 0.00	40.17 -0.90 0.00	34.83 -0.75 0.00	33.53 -0.75 0.00	33.46 -0.75 0.00	32.34 -0.73 0.00	31.84 -0.72 0.00	32.41 -0.80 0.00	36.41 -0.97 0.00	43.13 -1.19 0.00	53.82 -1.44 0.00	50.17 -1.34 0.00	43.29 -1.16 0.00	38.14 -0.94 0.00	36.20 -0.74 0.00
NM_CAPITAL___DRP 24208	38.35 0.68 0.00	35.31 0.59 0.00	34.82 0.58 0.00	35.31 0.56 0.00	35.50 0.42 0.00	38.60 0.31 0.00	47.98 0.52 0.00	51.90 0.72 0.00	51.25 0.61 0.00	43.98 0.61 0.00	41.57 0.49 0.00	36.05 0.46 0.00	34.84 0.55 0.00	34.83 0.62 0.00	33.66 0.60 0.00	33.14 0.59 0.00	33.81 0.60 0.00	37.94 0.56 0.00	45.08 0.75 0.00	56.19 0.94 0.00	52.28 0.77 0.00	45.07 0.62 0.00	39.47 0.39 0.00	37.13 0.18 0.00

NM_CENTRAL___DRP 24181	37.86 0.19 0.00	34.86 0.14 0.00	34.35 0.10 0.00	34.86 0.10 0.00	35.25 0.18 0.00	38.52 0.23 0.00	47.60 0.14 0.00	51.23 0.05 0.00	50.59 -0.05 0.00	43.29 -0.09 0.00	41.03 -0.04 0.00	35.55 -0.04 0.00	34.18 -0.10 0.00	34.11 -0.10 0.00	32.94 -0.13 0.00	32.42 -0.13 0.00	32.98 -0.23 0.00	37.08 -0.30 0.00	44.10 -0.22 0.00	54.98 -0.28 0.00	51.25 -0.26 0.00	44.27 -0.18 0.00	38.96 -0.12 0.00	36.94 0.00 0.00
NM_FRONTIER___DRP 24179	38.28 0.60 0.00	35.10 0.38 0.00	34.31 0.07 0.00	34.76 0.00 0.00	35.75 0.67 0.00	39.82 1.53 0.00	47.70 0.24 0.00	49.85 -1.33 0.00	48.87 -1.77 0.00	42.16 -1.21 0.00	40.37 -0.70 0.00	35.19 -0.39 0.00	33.64 -0.65 0.00	33.56 -0.65 0.00	32.37 -0.69 0.00	31.84 -0.72 0.00	32.01 -1.20 0.00	35.77 -1.61 0.00	42.37 -1.95 0.00	53.10 -2.15 0.00	49.45 -2.06 0.00	42.76 -1.69 0.00	37.98 -1.09 0.00	36.46 -0.48 0.00
NM_ST_REGIS___HYD 24053	36.35 -1.32 0.00	33.75 -0.97 0.00	33.32 -0.92 0.00	33.92 -0.83 0.00	34.31 -0.77 0.00	37.52 -0.77 0.00	46.70 -0.76 0.00	50.41 -0.77 0.00	49.98 -0.66 0.00	42.64 -0.74 0.00	40.25 -0.82 0.00	34.73 -0.85 0.00	33.46 -0.82 0.00	33.39 -0.82 0.00	32.34 -0.73 0.00	31.84 -0.72 0.00	32.78 -0.43 0.00	37.05 -0.34 0.00	43.93 -0.40 0.00	54.81 -0.44 0.00	51.30 -0.21 0.00	44.27 -0.18 0.00	38.96 -0.12 0.00	36.83 -0.11 0.00
NORTHPORT___1 23551	39.33 1.66 0.00	35.90 1.18 0.00	35.37 1.13 0.00	35.70 0.94 0.00	35.64 0.56 0.00	38.79 0.50 0.00	49.60 2.14 0.00	53.23 2.05 0.00	53.28 2.63 -0.01	46.03 2.65 -0.01	43.59 2.51 -0.01	38.87 2.31 -0.98	36.46 2.16 -0.01	36.38 2.16 -0.01	34.85 1.78 0.00	34.54 1.99 0.00	35.20 1.99 0.00	39.71 2.32 -0.01	47.08 2.75 -0.01	57.74 2.49 0.00	53.57 2.06 0.00	47.12 2.67 -0.01	41.07 1.99 0.00	38.09 1.15 0.00
NORTHPORT___2 23552	39.33 1.66 0.00	35.90 1.18 0.00	35.37 1.13 0.00	35.70 0.94 0.00	35.64 0.56 0.00	38.79 0.50 0.00	49.60 2.14 0.00	53.23 2.05 0.00	53.28 2.63 -0.01	46.03 2.65 -0.01	43.59 2.51 -0.01	38.87 2.31 -0.98	36.46 2.16 -0.01	36.38 2.16 -0.01	34.85 1.78 0.00	34.54 1.99 0.00	35.20 1.99 0.00	39.71 2.32 -0.01	47.08 2.75 -0.01	57.74 2.49 0.00	53.57 2.06 0.00	47.12 2.67 -0.01	41.07 1.99 0.00	38.09 1.15 0.00
NORTHPORT___3 23553	39.67 2.00 0.00	36.21 1.49 0.00	35.65 1.40 0.00	36.01 1.25 0.00	35.96 0.88 0.00	39.25 0.96 0.00	50.02 2.56 0.00	53.99 2.81 0.00	53.84 3.19 -0.01	46.38 2.99 -0.01	43.91 2.83 -0.01	39.13 2.56 -0.99	36.77 2.47 -0.01	36.69 2.46 -0.01	35.28 2.22 0.00	34.93 2.38 0.00	35.57 2.36 0.00	40.12 2.73 -0.01	47.57 3.23 -0.01	58.79 3.54 0.00	54.50 2.99 0.00	47.48 3.02 -0.01	41.46 2.38 0.00	38.46 1.52 0.00
NORTHPORT___4 23650	39.67 2.00 0.00	36.21 1.49 0.00	35.65 1.40 0.00	36.01 1.25 0.00	35.96 0.88 0.00	39.25 0.96 0.00	50.02 2.56 0.00	53.99 2.81 0.00	53.84 3.19 -0.01	46.38 2.99 -0.01	43.91 2.83 -0.01	39.13 2.56 -0.99	36.77 2.47 -0.01	36.69 2.46 -0.01	35.28 2.22 0.00	34.93 2.38 0.00	35.57 2.36 0.00	40.12 2.73 -0.01	47.57 3.23 -0.01	58.79 3.54 0.00	54.50 2.99 0.00	47.48 3.02 -0.01	41.46 2.38 0.00	38.46 1.52 0.00
NORTHPORT___IC 23718	39.37 1.70 0.00	36.15 1.42 0.00	35.37 1.13 0.00	35.70 0.94 0.00	35.64 0.56 0.00	38.94 0.65 0.00	49.88 2.42 0.00	53.59 2.41 0.00	53.23 2.58 -0.01	46.03 2.65 -0.01	43.59 2.51 -0.01	38.88 2.31 -0.98	36.42 2.13 -0.01	36.31 2.09 -0.01	34.85 1.79 0.00	34.51 1.95 0.00	35.20 1.99 0.00	39.67 2.28 -0.01	46.86 2.53 -0.01	57.46 2.21 0.00	53.42 1.91 0.00	46.81 2.36 -0.01	40.76 1.68 0.00	37.98 1.03 0.00
NORTH___COUNTRY_ESR 323785	36.28 -1.39 0.00	33.71 -1.01 0.00	33.28 -0.96 0.00	33.92 -0.83 0.00	34.41 -0.67 0.00	37.72 -0.57 0.00	47.03 -0.43 0.00	50.77 -0.41 0.00	50.34 -0.30 0.00	43.03 -0.35 0.00	40.62 -0.45 0.00	35.09 -0.50 0.00	33.81 -0.48 0.00	33.80 -0.41 0.00	32.77 -0.30 0.00	32.36 -0.19 0.00	33.31 0.10 0.00	37.68 0.30 0.00	44.68 0.35 0.00	55.75 0.50 0.00	52.23 0.72 0.00	45.11 0.67 0.00	39.78 0.70 0.00	37.61 0.67 0.00
NPX_GEN_1385_PROXY 323591	38.54 0.87 0.00	35.55 0.83 0.00	34.96 0.72 0.00	35.31 0.55 0.00	35.29 0.21 0.00	38.14 -0.15 0.00	48.74 1.28 0.00	51.98 0.82 0.02	46.49 1.42 5.57	39.75 1.65 5.28	38.79 1.52 3.80	38.20 1.64 -0.98	35.00 1.34 0.62	34.42 1.33 1.13	33.00 1.03 1.09	33.00 1.21 0.76	34.60 1.39 0.00	39.19 1.79 -0.01	46.15 1.82 -0.01	46.21 1.21 10.26	48.69 0.82 3.64	46.72 2.27 -0.01	40.56 1.48 0.00	37.75 0.81 0.00
NPX_GEN_CSC 323557	39.33 1.66 0.00	35.55 0.83 0.00	35.27 1.03 0.00	35.59 0.83 0.00	35.26 0.18 0.00	38.21 -0.08 0.00	49.36 1.90 0.00	52.82 1.64 0.00	53.23 2.58 -0.01	46.47 3.08 -0.01	43.91 2.83 -0.01	39.35 2.78 -0.99	36.66 2.36 -0.01	36.58 2.36 -0.01	34.59 1.52 0.00	34.28 1.72 0.00	34.97 1.76 0.00	39.19 1.79 -0.01	46.64 2.30 -0.01	57.52 2.27 0.00	53.31 1.80 0.00	46.59 2.13 -0.01	40.60 1.52 0.00	37.57 0.63 0.00
NSINS_S___GLNS_FALLS 23858	40.12 2.45 0.00	36.87 2.15 0.00	36.37 2.12 0.00	36.98 2.22 0.00	37.04 1.96 0.00	40.55 2.26 0.00	50.64 3.18 0.00	54.82 3.63 0.00	54.08 3.44 0.00	46.07 2.69 0.00	43.33 2.26 0.00	37.33 1.74 0.00	35.80 1.51 0.00	35.68 1.47 0.00	34.46 1.39 0.00	33.95 1.40 0.00	34.70 1.49 0.00	39.33 1.94 0.00	46.94 2.62 0.00	58.85 3.59 0.00	54.86 3.35 0.00	47.11 2.67 0.00	41.34 2.27 0.00	38.79 1.85 0.00
NUCOR_STEEL___DRP 24197	38.35 0.68 0.00	35.28 0.56 0.00	34.79 0.55 0.00	35.35 0.59 0.00	35.78 0.70 0.00	39.13 0.84 0.00	48.31 0.85 0.00	52.00 0.82 0.00	51.30 0.66 0.00	43.81 0.43 0.00	41.48 0.41 0.00	35.94 0.36 0.00	34.53 0.24 0.00	34.42 0.21 0.00	33.23 0.17 0.00	32.68 0.13 0.00	33.24 0.03 0.00	37.46 0.07 0.00	44.64 0.31 0.00	55.70 0.44 0.00	51.92 0.41 0.00	44.85 0.40 0.00	39.47 0.39 0.00	37.42 0.48 0.00
NUMBER_THREE_WT_PWR 323818	36.66 -1.02 0.00	33.86 -0.87 0.00	33.46 -0.79 0.00	34.03 -0.73 0.00	34.24 -0.84 0.00	37.48 -0.81 0.00	46.65 -0.81 0.00	50.41 -0.77 0.00	49.93 -0.71 0.00	42.34 -1.04 0.00	40.00 -1.07 0.00	34.80 -0.78 0.00	33.50 -0.79 0.00	33.39 -0.82 0.00	32.27 -0.79 0.00	31.81 -0.75 0.00	32.58 -0.63 0.00	36.82 -0.56 0.00	44.02 -0.31 0.00	55.20 -0.06 0.00	51.46 -0.05 0.00	44.49 0.04 0.00	39.08 0.00 0.00	36.83 -0.11 0.00
NYISO_LBMP_REFERENCE 24008	37.67 0.00 0.00	34.72 0.00 0.00	34.24 0.00 0.00	34.76 0.00 0.00	35.08 0.00 0.00	38.29 0.00 0.00	47.46 0.00 0.00	51.18 0.00 0.00	50.64 0.00 0.00	43.38 0.00 0.00	41.07 0.00 0.00	35.58 0.00 0.00	34.29 0.00 0.00	34.21 0.00 0.00	33.07 0.00 0.00	32.55 0.00 0.00	33.21 0.00 0.00	37.38 0.00 0.00	44.33 0.00 0.00	55.25 0.00 0.00	51.51 0.00 0.00	44.45 0.00 0.00	39.08 0.00 0.00	36.94 0.00 0.00

NYPA_BRENTWD____GT 24164	39.78 2.11 0.00	36.25 1.53 0.00	35.71 1.47 0.00	36.04 1.29 0.00	35.96 0.88 0.00	39.21 0.92 0.00	50.16 2.70 0.00	53.99 2.81 0.00	53.99 3.34 -0.01	46.64 3.25 -0.01	44.12 3.04 -0.01	39.37 2.78 -1.01	36.90 2.60 -0.01	36.82 2.60 -0.01	35.25 2.18 0.00	34.90 2.35 0.00	35.57 2.36 0.00	40.12 2.73 -0.01	47.66 3.33 -0.01	58.68 3.43 0.00	54.39 2.88 0.00	47.66 3.20 -0.01	41.54 2.46 0.00	38.49 1.55 0.00
NYPA_GOWANUS____GT5 24156	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13.79
NYPA_GOWANUS____GT6 24157	53.28 2.30 -13.31	43.63 1.98 -6.93	36.03 1.78 -0.01	36.43 1.67 -0.01	36.53 1.44 -0.01	39.87 1.57 -0.01	53.37 2.66 -3.26	54.47 3.28 -0.01	56.63 3.39 -2.59	55.32 3.21 -8.74	54.76 3.12 -10.57	53.98 2.81 -15.59	53.98 2.71 -16.98	53.94 2.70 -17.03	53.97 2.58 -18.32	55.11 2.70 -19.86	55.36 2.59 -19.56	55.39 2.92 -15.09	57.19 3.46 -9.40	59.02 3.76 -0.01	57.93 3.66 -2.76	57.14 3.11 -9.59	53.21 2.42 -11.71	52.62 1.88 -13.79
NYPA_HARLEM_RVR_GT1 24160	39.71 2.03 -0.01	36.47 1.74 -0.01	35.79 1.54 0.00	36.18 1.43 0.00	36.20 1.12 0.00	39.44 1.15 0.00	49.44 1.99 0.01	53.73 2.56 0.01	53.36 2.73 0.01	46.02 2.65 0.01	43.65 2.59 0.01	37.89 2.31 0.01	36.54 2.26 0.01	36.46 2.26 0.01	35.21 2.15 0.01	34.86 2.31 0.01	35.36 2.16 0.01	39.80 2.43 0.01	47.24 2.92 0.01	58.34 3.09 0.01	54.44 2.93 0.01	46.97 2.53 0.01	40.98 1.91 0.01	38.42 1.48 0.00
NYPA_HARLEM_RVR_GT2 24161	39.71 2.03 -0.01	36.47 1.74 -0.01	35.79 1.54 0.00	36.18 1.43 0.00	36.20 1.12 0.00	39.44 1.15 0.00	49.44 1.99 0.01	53.73 2.56 0.01	53.36 2.73 0.01	46.02 2.65 0.01	43.65 2.59 0.01	37.89 2.31 0.01	36.54 2.26 0.01	36.46 2.26 0.01	35.21 2.15 0.01	34.86 2.31 0.01	35.36 2.16 0.01	39.80 2.43 0.01	47.24 2.92 0.01	58.34 3.09 0.01	54.44 2.93 0.01	46.97 2.53 0.01	40.98 1.91 0.01	38.42 1.48 0.00
NYPA_KENT____GT 24152	59.74 2.11 -19.96	46.95 1.84 -10.39	35.89 1.64 0.00	36.29 1.53 0.00	36.38 1.30 0.00	39.71 1.42 0.00	51.55 2.47 -1.63	54.25 3.07 0.00	57.76 3.24 -3.88	50.78 3.04 -4.37	49.31 2.96 -5.28	46.01 2.63 -7.79	45.35 2.57 -8.49	45.29 2.57 -8.51	44.67 2.45 -9.16	64.87 2.54 -29.78	65.00 2.46 -29.33	62.78 2.77 -22.63	52.30 3.28 -4.70	58.85 3.59 0.00	56.34 3.45 -1.38	52.17 2.93 -4.79	47.19 2.27 -5.85	45.57 1.74 -6.89
NYPA_POUCH1____GT 24155	53.20 2.22 -13.31	43.60 1.94 -6.93	36.00 1.75 -0.01	36.40 1.63 -0.01	36.49 1.40 -0.01	39.83 1.53 -0.01	53.28 2.56 -3.26	54.31 3.12 -0.01	56.48 3.24 -2.59	55.19 3.08 -8.74	54.68 3.04 -10.57	53.91 2.74 -15.59	53.87 2.60 -16.98	53.87 2.63 -17.03	53.90 2.51 -18.32	55.02 2.61 -19.86	55.29 2.52 -19.56	55.32 2.84 -15.09	57.09 3.37 -9.40	58.85 3.59 -0.01	57.83 3.55 -2.76	57.10 3.06 -9.59	53.17 2.38 -11.71	52.58 1.85 -13.79
NYPA_VERNON____GT2 24162	39.64 1.96 -0.01	36.43 1.70 -0.01	35.75 1.50 0.00	36.15 1.39 0.00	36.23 1.16 0.00	39.55 1.26 0.00	49.74 2.28 0.00	54.05 2.86 0.00	53.68 3.04 0.00	46.24 2.86 0.00	43.87 2.79 0.00	38.07 2.49 0.00	36.73 2.43 -0.01	36.64 2.43 0.00	35.38 2.31 0.00	34.96 2.41 0.00	35.53 2.32 0.00	40.00 2.62 0.00	47.43 3.10 0.00	58.63 3.37 0.00	54.71 3.19 0.00	47.16 2.71 0.00	41.18 2.11 0.00	38.49 1.55 0.00
NYPA_VERNON____GT3 24163	39.64 1.96 -0.01	36.43 1.70 -0.01	35.75 1.50 0.00	36.15 1.39 0.00	36.23 1.16 0.00	39.55 1.26 0.00	49.74 2.28 0.00	54.05 2.86 0.00	53.68 3.04 0.00	46.24 2.86 0.00	43.87 2.79 0.00	38.07 2.49 0.00	36.73 2.43 -0.01	36.64 2.43 0.00	35.38 2.31 0.00	34.96 2.41 0.00	35.53 2.32 0.00	40.00 2.62 0.00	47.43 3.10 0.00	58.63 3.37 0.00	54.71 3.19 0.00	47.16 2.71 0.00	41.18 2.11 0.00	38.49 1.55 0.00
NYPA____ASTORIA_CC1 323568	39.64 1.96 -0.01	36.43 1.70 -0.01	35.75 1.50 0.00	36.15 1.39 0.00	36.24 1.16 0.00	39.52 1.22 0.00	49.69 2.23 0.00	53.99 2.81 0.00	53.63 2.99 0.00	46.20 2.82 0.00	43.82 2.75 0.00	38.07 2.49 0.00	36.69 2.40 -0.01	36.64 2.43 0.00	35.35 2.28 0.00	34.96 2.41 0.00	35.53 2.32 0.00	39.96 2.58 0.00	47.38 3.06 0.00	58.57 3.32 0.00	54.71 3.19 0.00	47.16 2.71 0.00	41.15 2.07 0.00	38.49 1.55 0.00
NYPA____ASTORIA_CC2 323569	39.64 1.96 -0.01	36.43 1.70 -0.01	35.75 1.50 0.00	36.15 1.39 0.00	36.24 1.16 0.00	39.52 1.22 0.00	49.69 2.23 0.00	53.99 2.81 0.00	53.63 2.99 0.00	46.20 2.82 0.00	43.82 2.75 0.00	38.07 2.49 0.00	36.69 2.40 -0.01	36.64 2.43 0.00	35.35 2.28 0.00	34.96 2.41 0.00	35.53 2.32 0.00	39.96 2.58 0.00	47.38 3.06 0.00	58.57 3.32 0.00	54.71 3.19 0.00	47.16 2.71 0.00	41.15 2.07 0.00	38.49 1.55 0.00
NYPA____HOLTSVILL 23794	39.52 1.85 0.00	35.90 1.18 0.00	35.47 1.23 0.00	35.80 1.04 0.00	35.64 0.56 0.00	38.79 0.50 0.00	49.78 2.32 0.00	53.49 2.31 0.00	53.58 2.94 -0.01	46.42 3.04 -0.01	43.88 2.79 -0.01	39.17 2.60 -0.99	36.70 2.40 -0.01	36.62 2.39 -0.01	34.95 1.88 0.00	34.61 2.05 0.00	35.30 2.09 0.00	39.71 2.32 -0.01	47.21 2.88 -0.01	58.18 2.93 0.00	53.93 2.42 0.00	47.17 2.71 -0.01	41.11 2.03 0.00	38.09 1.15 0.00
NYPA____HELLGATE_GT1 24158	39.71 2.03 -0.01	36.47 1.74 -0.01	35.79 1.54 0.00	36.18 1.43 0.00	36.20 1.12 0.00	39.44 1.15 0.00	49.44 1.99 0.01	53.73 2.56 0.01	53.36 2.73 0.01	46.02 2.65 0.01	43.65 2.59 0.01	37.89 2.31 0.01	36.54 2.26 0.01	36.46 2.26 0.01	35.21 2.15 0.01	34.86 2.31 0.01	35.36 2.16 0.01	39.80 2.43 0.01	47.24 2.92 0.01	58.34 3.09 0.01	54.44 2.93 0.01	46.97 2.53 0.01	40.98 1.91 0.01	38.42 1.48 0.00
NYPA____HELLGATE_GT2 24159	39.71 2.03 -0.01	36.47 1.74 -0.01	35.79 1.54 0.00	36.18 1.43 0.00	36.20 1.12 0.00	39.44 1.15 0.00	49.44 1.99 0.01	53.73 2.56 0.01	53.36 2.73 0.01	46.02 2.65 0.01	43.65 2.59 0.01	37.89 2.31 0.01	36.54 2.26 0.01	36.46 2.26 0.01	35.21 2.15 0.01	34.86 2.31 0.01	35.36 2.16 0.01	39.80 2.43 0.01	47.24 2.92 0.01	58.34 3.09 0.01	54.44 2.93 0.01	46.97 2.53 0.01	40.98 1.91 0.01	38.42 1.48 0.00
NYS_BARGE____HYD 23848	38.47 0.79 0.00	35.28 0.55 0.00	34.41 0.17 0.00	34.90 0.14 0.00	35.89 0.81 0.00	39.90 1.61 0.00	48.41 0.95 0.00	51.08 -0.10 0.00	49.68 -0.96 0.00	42.73 -0.65 0.00	40.87 -0.20 0.00	35.58 0.00 0.00	33.91 -0.38 0.00	33.87 -0.34 0.00	32.74 -0.33 0.00	32.10 -0.46 0.00	32.41 -0.80 0.00	36.18 -1.20 0.00	42.95 -1.37 0.00	53.99 -1.27 0.00	50.43 -1.08 0.00	43.38 -1.07 0.00	38.53 -0.55 0.00	36.91 -0.04 0.00

OAK ORCHARD___HYD 24046	38.43 0.75 0.00	35.24 0.52 0.00	34.55 0.31 0.00	35.07 0.31 0.00	35.78 0.70 0.00	39.63 1.34 0.00	48.46 1.00 0.00	51.75 0.56 0.00	50.69 0.05 0.00	43.51 0.13 0.00	41.36 0.29 0.00	35.87 0.28 0.00	34.32 0.03 0.00	34.25 0.03 0.00	33.07 0.00 0.00	32.46 -0.10 0.00	32.91 -0.30 0.00	36.90 -0.49 0.00	43.88 -0.44 0.00	54.98 -0.27 0.00	51.31 -0.21 0.00	44.22 -0.22 0.00	39.04 -0.04 0.00	37.13 0.19 0.00
OAKDALE___35_KV_LOAD 356122	38.31 0.64 0.00	35.28 0.56 0.00	34.76 0.51 0.00	35.24 0.49 0.00	35.71 0.63 0.00	39.13 0.84 0.00	48.41 0.95 0.00	51.95 0.77 0.00	51.20 0.56 0.00	43.81 0.43 0.00	41.52 0.45 0.00	36.01 0.43 0.00	34.63 0.34 0.00	34.52 0.31 0.00	33.33 0.26 0.00	32.81 0.26 0.00	33.37 0.17 0.00	37.57 0.19 0.00	44.68 0.35 0.00	55.75 0.50 0.00	51.97 0.46 0.00	44.80 0.36 0.00	39.39 0.31 0.00	37.35 0.41 0.00
OCC_CHEM___DRP 24175	38.35 0.68 0.00	35.17 0.45 0.00	34.35 0.10 0.00	34.79 0.03 0.00	35.78 0.70 0.00	39.90 1.61 0.00	47.84 0.38 0.00	50.06 -1.13 0.00	49.07 -1.57 0.00	42.29 -1.08 0.00	40.50 -0.58 0.00	35.30 -0.28 0.00	33.74 -0.55 0.00	33.66 -0.55 0.00	32.51 -0.56 0.00	31.94 -0.62 0.00	32.11 -1.10 0.00	35.92 -1.46 0.00	42.55 -1.77 0.00	53.27 -1.99 0.00	49.60 -1.91 0.00	42.89 -1.56 0.00	38.10 -0.98 0.00	36.57 -0.37 0.00
OH_GEN_PROXY 24063	38.20 0.53 0.00	35.00 0.28 0.00	34.14 -0.10 0.00	34.58 -0.17 0.00	35.53 0.45 0.00	39.63 1.34 0.00	48.07 0.62 0.00	50.72 -0.46 0.00	49.38 -1.26 0.00	42.55 -0.83 0.00	40.70 -0.37 0.00	35.44 -0.14 0.00	33.84 -0.45 0.00	33.77 -0.45 0.00	32.64 -0.43 0.00	32.00 -0.55 0.00	32.31 -0.90 0.00	36.07 -1.31 0.00	42.77 -1.55 0.00	53.65 -1.60 0.00	50.07 -1.44 0.00	43.15 -1.29 0.00	38.29 -0.78 0.00	36.69 -0.26 0.00
OLIN_CORP_DRP 24177	37.86 0.19 0.00	34.79 0.07 0.00	34.00 -0.24 0.00	34.44 -0.31 0.00	35.43 0.35 0.00	39.36 1.07 0.00	47.79 0.33 0.00	49.95 -1.23 0.00	48.97 -1.67 0.00	42.21 -1.17 0.00	40.37 -0.70 0.00	35.19 -0.39 0.00	33.64 -0.65 0.00	33.56 -0.65 0.00	32.41 -0.66 0.00	31.84 -0.72 0.00	32.05 -1.16 0.00	35.81 -1.57 0.00	42.46 -1.86 0.00	53.21 -2.04 0.00	49.55 -1.96 0.00	42.85 -1.60 0.00	38.02 -1.06 0.00	36.42 -0.52 0.00
OLIN_CORP_DSASP 323712	38.50 0.83 0.00	35.24 0.52 0.00	34.35 0.10 0.00	34.79 0.03 0.00	35.82 0.74 0.00	39.94 1.65 0.00	47.88 0.43 0.00	50.41 -0.77 0.00	49.07 -1.57 0.00	42.29 -1.08 0.00	40.50 -0.58 0.00	35.30 -0.29 0.00	33.67 -0.62 0.00	33.60 -0.61 0.00	32.47 -0.59 0.00	31.84 -0.72 0.00	32.11 -1.10 0.00	35.81 -1.57 0.00	42.42 -1.90 0.00	53.27 -1.99 0.00	49.71 -1.80 0.00	42.85 -1.60 0.00	38.10 -0.98 0.00	36.54 -0.41 0.00
ONEIDA_HERK_LFGE 323681	37.71 0.04 0.00	34.79 0.07 0.00	34.35 0.10 0.00	34.90 0.14 0.00	35.15 0.07 0.00	38.44 0.15 0.00	47.74 0.29 0.00	51.59 0.41 0.00	51.09 0.45 0.00	43.42 0.04 0.00	41.03 -0.04 0.00	35.51 -0.07 0.00	34.22 -0.07 0.00	34.11 -0.10 0.00	32.97 -0.10 0.00	32.49 -0.06 0.00	33.21 0.00 0.00	37.46 0.07 0.00	44.72 0.40 0.00	55.92 0.67 0.00	52.13 0.62 0.00	45.07 0.62 0.00	39.58 0.51 0.00	37.31 0.37 0.00
ONEIDA___115KV_TB4 55905	38.50 0.83 0.00	35.45 0.73 0.00	35.03 0.79 0.00	35.56 0.80 0.00	35.89 0.81 0.00	39.25 0.96 0.00	48.64 1.19 0.00	52.46 1.28 0.00	51.86 1.22 0.00	44.07 0.69 0.00	41.69 0.62 0.00	36.01 0.43 0.00	34.66 0.38 0.00	34.55 0.34 0.00	33.40 0.33 0.00	32.91 0.36 0.00	33.57 0.37 0.00	37.87 0.49 0.00	45.17 0.84 0.00	56.53 1.27 0.00	52.64 1.13 0.00	45.51 1.07 0.00	39.97 0.90 0.00	37.72 0.78 0.00
ONONDAGA_REF_OCCRA 23987	37.97 0.30 0.00	34.96 0.24 0.00	34.45 0.21 0.00	34.97 0.21 0.00	35.36 0.28 0.00	38.64 0.34 0.00	47.74 0.28 0.00	51.44 0.26 0.00	50.79 0.15 0.00	43.42 0.04 0.00	41.11 0.04 0.00	35.65 0.07 0.00	34.29 0.00 0.00	34.18 -0.03 0.00	33.03 -0.03 0.00	32.49 -0.07 0.00	33.08 -0.13 0.00	37.23 -0.15 0.00	44.28 -0.04 0.00	55.20 -0.06 0.00	51.51 0.00 0.00	44.45 0.00 0.00	39.11 0.04 0.00	37.05 0.11 0.00
ONONDAGA___COGEN 23986	38.05 0.38 0.00	35.03 0.31 0.00	34.52 0.27 0.00	35.04 0.28 0.00	35.43 0.35 0.00	38.71 0.42 0.00	47.84 0.38 0.00	51.54 0.36 0.00	50.84 0.20 0.00	43.51 0.13 0.00	41.20 0.12 0.00	35.73 0.14 0.00	34.32 0.03 0.00	34.25 0.03 0.00	33.07 0.00 0.00	32.52 -0.03 0.00	33.11 -0.10 0.00	37.23 -0.15 0.00	44.33 0.00 0.00	55.25 0.00 0.00	51.51 0.00 0.00	44.49 0.04 0.00	39.15 0.08 0.00	37.13 0.18 0.00
ONTARIO___LFGE 23819	38.69 1.02 0.00	35.59 0.87 0.00	35.00 0.75 0.00	35.56 0.80 0.00	36.13 1.05 0.00	39.82 1.53 0.00	49.12 1.66 0.00	52.77 1.59 0.00	51.65 1.01 0.00	44.03 0.65 0.00	41.69 0.62 0.00	36.12 0.53 0.00	34.60 0.31 0.00	34.48 0.27 0.00	33.30 0.23 0.00	32.72 0.16 0.00	33.27 0.07 0.00	37.49 0.11 0.00	44.81 0.49 0.00	55.81 0.55 0.00	52.33 0.82 0.00	45.11 0.67 0.00	39.66 0.59 0.00	37.64 0.70 0.00
ORANGEVILLE_WT_PWR 323706	38.16 0.49 0.00	35.21 0.49 0.00	34.48 0.24 0.00	35.03 0.28 0.00	35.89 0.81 0.00	39.82 1.53 0.00	48.65 1.19 0.00	51.59 0.41 0.00	50.03 -0.61 0.00	42.77 -0.61 0.00	40.66 -0.41 0.00	35.37 -0.21 0.00	33.84 -0.45 0.00	33.80 -0.41 0.00	32.60 -0.46 0.00	32.00 -0.55 0.00	32.41 -0.80 0.00	36.41 -0.97 0.00	43.61 -0.71 0.00	54.70 -0.55 0.00	51.05 -0.46 0.00	43.87 -0.58 0.00	38.68 -0.39 0.00	36.91 -0.04 0.00
ORANGEVILLE___ESR 323794	38.16 0.49 0.00	35.21 0.49 0.00	34.48 0.24 0.00	35.03 0.28 0.00	35.89 0.81 0.00	39.82 1.53 0.00	48.65 1.19 0.00	51.59 0.41 0.00	50.03 -0.61 0.00	42.77 -0.61 0.00	40.66 -0.41 0.00	35.37 -0.21 0.00	33.84 -0.45 0.00	33.80 -0.41 0.00	32.60 -0.46 0.00	32.00 -0.55 0.00	32.41 -0.80 0.00	36.41 -0.97 0.00	43.61 -0.71 0.00	54.70 -0.55 0.00	51.05 -0.46 0.00	43.87 -0.58 0.00	38.68 -0.39 0.00	36.91 -0.04 0.00
OSWEGATCHIE___HYD 24044	36.02 -1.66 0.00	33.33 -1.39 0.00	32.94 -1.30 0.00	33.51 -1.25 0.00	33.78 -1.30 0.00	36.95 -1.34 0.00	45.99 -1.47 0.00	49.65 -1.53 0.00	49.17 -1.47 0.00	41.77 -1.60 0.00	39.47 -1.60 0.00	34.12 -1.46 0.00	32.88 -1.41 0.00	32.81 -1.40 0.00	31.71 -1.36 0.00	31.25 -1.30 0.00	32.08 -1.13 0.00	36.26 -1.12 0.00	43.17 -1.15 0.00	54.04 -1.22 0.00	50.43 -1.08 0.00	43.60 -0.85 0.00	38.33 -0.74 0.00	36.13 -0.81 0.00
OSWEGO___5 23606	37.41 -0.26 0.00	34.41 -0.31 0.00	33.90 -0.34 0.00	34.41 -0.35 0.00	34.80 -0.28 0.00	38.10 -0.19 0.00	46.94 -0.52 0.00	50.57 -0.61 0.00	49.88 -0.76 0.00	42.68 -0.70 0.00	40.46 -0.61 0.00	35.09 -0.50 0.00	33.74 -0.55 0.00	33.66 -0.55 0.00	32.54 -0.53 0.00	32.00 -0.55 0.00	32.61 -0.60 0.00	36.64 -0.75 0.00	43.44 -0.89 0.00	54.20 -1.05 0.00	50.53 -0.98 0.00	43.60 -0.85 0.00	38.41 -0.66 0.00	36.42 -0.52 0.00

OSWEGO___6 23613	37.41 -0.26 0.00	34.41 -0.31 0.00	33.90 -0.34 0.00	34.41 -0.35 0.00	34.80 -0.28 0.00	38.10 -0.19 0.00	46.94 -0.52 0.00	50.57 -0.61 0.00	49.88 -0.76 0.00	42.68 -0.70 0.00	40.46 -0.61 0.00	35.09 -0.50 0.00	33.74 -0.55 0.00	33.66 -0.55 0.00	32.54 -0.53 0.00	32.00 -0.55 0.00	32.61 -0.60 0.00	36.64 -0.75 0.00	43.44 -0.89 0.00	54.20 -1.05 0.00	50.53 -0.98 0.00	43.60 -0.85 0.00	38.41 -0.66 0.00	36.42 -0.52 0.00
OUTOKUMPU-AB___DRP 24206	38.88 1.21 0.00	35.69 0.97 0.00	34.89 0.65 0.00	35.35 0.59 0.00	36.34 1.26 0.00	40.43 2.14 0.00	48.93 1.47 0.00	51.28 0.10 0.00	50.29 -0.35 0.00	43.29 -0.09 0.00	41.40 0.33 0.00	36.01 0.43 0.00	34.39 0.10 0.00	34.31 0.10 0.00	33.13 0.07 0.00	32.52 -0.03 0.00	32.78 -0.43 0.00	36.67 -0.71 0.00	43.48 -0.84 0.00	54.59 -0.66 0.00	50.79 -0.72 0.00	43.87 -0.58 0.00	38.88 -0.20 0.00	37.24 0.30 0.00
OXBOW___BTM 323836	38.73 1.05 0.00	35.48 0.76 0.00	34.59 0.34 0.00	35.03 0.28 0.00	36.06 0.98 0.00	40.17 1.88 0.00	48.36 0.90 0.00	51.03 -0.15 0.00	49.63 -1.01 0.00	42.77 -0.61 0.00	40.91 -0.16 0.00	35.62 0.04 0.00	33.94 -0.34 0.00	33.90 -0.31 0.00	32.77 -0.30 0.00	32.13 -0.42 0.00	32.41 -0.80 0.00	36.15 -1.23 0.00	42.91 -1.42 0.00	53.88 -1.38 0.00	50.27 -1.24 0.00	43.29 -1.16 0.00	38.45 -0.63 0.00	36.83 -0.11 0.00
OXBOW____ 24026	38.58 0.90 0.00	35.42 0.69 0.00	34.59 0.34 0.00	35.04 0.28 0.00	36.06 0.98 0.00	40.13 1.84 0.00	48.36 0.90 0.00	50.62 -0.56 0.00	49.63 -1.01 0.00	42.77 -0.61 0.00	40.91 -0.16 0.00	35.62 0.04 0.00	34.05 -0.24 0.00	33.97 -0.24 0.00	32.77 -0.30 0.00	32.20 -0.36 0.00	32.41 -0.80 0.00	36.26 -1.12 0.00	43.00 -1.33 0.00	53.87 -1.38 0.00	50.17 -1.34 0.00	43.33 -1.11 0.00	38.45 -0.63 0.00	36.87 -0.07 0.00
OXY_CHEM_DSASP 323612	38.35 0.68 0.00	35.17 0.45 0.00	34.35 0.10 0.00	34.79 0.03 0.00	35.78 0.70 0.00	39.90 1.61 0.00	47.84 0.38 0.00	50.06 -1.13 0.00	49.07 -1.57 0.00	42.29 -1.08 0.00	40.50 -0.58 0.00	35.30 -0.28 0.00	33.74 -0.55 0.00	33.66 -0.55 0.00	32.51 -0.56 0.00	31.94 -0.62 0.00	32.11 -1.10 0.00	35.92 -1.46 0.00	42.55 -1.77 0.00	53.27 -1.99 0.00	49.60 -1.91 0.00	42.89 -1.56 0.00	38.10 -0.98 0.00	36.57 -0.37 0.00
OZONE_PARK_ESR 323760	39.71 2.03 0.00	36.49 1.77 0.00	35.78 1.54 0.00	36.18 1.43 0.00	36.27 1.19 0.00	39.75 1.46 0.00	49.97 2.52 0.00	54.41 3.22 0.00	53.83 3.19 0.00	46.37 2.99 0.00	43.99 2.92 0.00	38.15 2.56 0.00	36.76 2.47 0.00	36.68 2.46 0.00	35.45 2.38 0.00	35.00 2.44 0.00	35.60 2.39 0.00	40.07 2.69 0.00	47.34 3.01 0.00	58.62 3.37 0.00	54.76 3.25 0.00	47.16 2.71 0.00	41.15 2.07 0.00	38.49 1.55 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	38.35 0.68 0.00	35.17 0.45 0.00	34.35 0.10 0.00	34.79 0.03 0.00	35.78 0.70 0.00	39.90 1.61 0.00	47.84 0.38 0.00	50.06 -1.13 0.00	49.07 -1.57 0.00	42.29 -1.08 0.00	40.50 -0.58 0.00	35.30 -0.28 0.00	33.74 -0.55 0.00	33.66 -0.55 0.00	32.51 -0.56 0.00	31.94 -0.62 0.00	32.11 -1.10 0.00	35.92 -1.46 0.00	42.55 -1.77 0.00	53.27 -1.99 0.00	49.60 -1.91 0.00	42.89 -1.56 0.00	38.10 -0.98 0.00	36.57 -0.37 0.00
PACKARD__115KV_DUPONT_184 80571	38.35 0.68 0.00	35.17 0.45 0.00	34.35 0.10 0.00	34.79 0.03 0.00	35.78 0.70 0.00	39.90 1.61 0.00	47.84 0.38 0.00	50.06 -1.13 0.00	49.07 -1.57 0.00	42.29 -1.08 0.00	40.50 -0.58 0.00	35.30 -0.28 0.00	33.74 -0.55 0.00	33.66 -0.55 0.00	32.51 -0.56 0.00	31.94 -0.62 0.00	32.11 -1.10 0.00	35.92 -1.46 0.00	42.55 -1.77 0.00	53.27 -1.99 0.00	49.60 -1.91 0.00	42.89 -1.56 0.00	38.10 -0.98 0.00	36.57 -0.37 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	39.72 2.03 -0.01	36.47 1.74 -0.01	35.78 1.54 0.00	36.15 1.39 0.00	36.20 1.12 0.00	39.52 1.23 0.00	49.50 2.04 0.00	53.89 2.71 0.00	53.37 2.73 0.00	45.98 2.60 0.00	43.62 2.55 0.00	37.90 2.31 0.00	36.51 2.23 0.01	36.44 2.22 0.00	35.18 2.12 0.00	34.77 2.21 0.00	35.33 2.13 0.00	39.77 2.39 0.00	46.94 2.62 0.00	57.91 2.65 0.00	54.19 2.68 0.00	46.67 2.22 0.00	40.76 1.68 0.00	38.27 1.33 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	39.90 2.22 -0.01	36.67 1.94 -0.01	35.95 1.71 0.00	36.36 1.60 0.00	36.41 1.33 0.00	39.75 1.46 0.00	49.74 2.28 0.00	54.15 2.97 0.00	53.58 2.94 0.00	46.11 2.73 0.00	43.70 2.63 0.00	38.04 2.46 0.00	36.54 2.26 0.01	36.44 2.22 0.00	35.22 2.15 0.00	34.77 2.21 0.00	35.37 2.16 0.00	39.81 2.43 0.00	46.98 2.66 0.00	58.02 2.76 0.00	54.34 2.83 0.00	46.80 2.36 0.00	40.87 1.80 0.00	38.38 1.44 0.00
PATROON__115KV_TB1 80586	38.35 0.68 0.00	35.31 0.59 0.00	34.82 0.58 0.00	35.35 0.59 0.00	35.46 0.39 0.00	38.60 0.31 0.00	47.98 0.52 0.00	51.95 0.77 0.00	51.30 0.66 0.00	43.98 0.61 0.00	41.61 0.53 0.00	36.01 0.43 0.00	34.84 0.55 0.00	34.79 0.58 0.00	33.63 0.56 0.00	33.14 0.59 0.00	33.77 0.56 0.00	37.91 0.52 0.00	45.08 0.75 0.00	56.19 0.94 0.00	52.33 0.82 0.00	45.07 0.62 0.00	39.51 0.43 0.00	37.16 0.22 0.00
PATTRSNVILLE___SOLAR 323815	39.14 1.47 0.00	36.01 1.29 0.00	35.54 1.30 0.00	36.08 1.32 0.00	36.27 1.19 0.00	39.52 1.22 0.00	49.31 1.85 0.00	53.18 1.99 0.00	52.46 1.82 0.00	44.68 1.30 0.00	42.14 1.07 0.00	36.44 0.85 0.00	35.14 0.86 0.00	35.07 0.86 0.00	33.83 0.76 0.00	33.37 0.81 0.00	34.11 0.90 0.00	38.61 1.23 0.00	46.23 1.90 0.00	57.74 2.49 0.00	53.83 2.32 0.00	46.36 1.91 0.00	40.64 1.56 0.00	38.20 1.26 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	38.84 1.17 0.00	35.69 0.97 0.00	34.89 0.65 0.00	35.38 0.63 0.00	36.31 1.23 0.00	40.36 2.07 0.00	49.31 1.85 0.00	51.69 0.51 0.00	50.69 0.05 0.00	43.51 0.13 0.00	41.52 0.45 0.00	36.15 0.57 0.00	34.49 0.21 0.00	34.42 0.21 0.00	33.23 0.17 0.00	32.62 0.07 0.00	32.94 -0.27 0.00	36.93 -0.45 0.00	43.84 -0.49 0.00	54.98 -0.28 0.00	51.20 -0.31 0.00	44.05 -0.40 0.00	38.96 -0.12 0.00	37.39 0.44 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	39.44 1.77 0.00	36.25 1.53 0.00	35.65 1.40 0.00	36.08 1.32 0.00	36.17 1.09 0.00	39.55 1.26 0.00	49.64 2.18 0.00	54.00 2.81 0.00	53.22 2.58 0.00	45.76 2.39 0.00	43.37 2.30 0.00	37.58 1.99 0.00	36.10 1.82 0.00	35.99 1.78 0.00	34.89 1.82 0.00	34.47 1.92 0.00	35.07 1.86 0.00	39.51 2.13 0.00	46.76 2.44 0.00	58.29 3.04 0.00	54.24 2.73 0.00	46.76 2.31 0.00	40.79 1.72 0.00	38.20 1.26 0.00
PEEKSKILL____ 23653	39.03 1.35 0.00	35.87 1.14 0.00	35.27 1.03 0.00	35.70 0.94 0.00	35.82 0.74 0.00	39.06 0.77 0.00	49.07 1.61 0.00	53.23 2.05 0.00	52.72 2.08 0.00	45.37 2.00 0.00	43.04 1.97 0.00	37.33 1.74 0.00	35.97 1.68 0.00	35.89 1.68 0.00	34.69 1.62 0.00	34.25 1.69 0.00	34.84 1.63 0.00	39.25 1.87 0.00	46.63 2.30 0.00	57.91 2.65 0.00	53.88 2.37 0.00	46.49 2.05 0.00	40.60 1.52 0.00	37.97 1.03 0.00

PGE MADISON___WINDPWR 24146	39.89 2.22 0.00	36.88 2.15 0.00	36.50 2.26 0.00	37.19 2.43 0.00	37.57 2.49 0.00	41.36 3.06 0.00	51.30 3.84 0.00	55.43 4.25 0.00	54.49 3.85 0.00	45.67 2.30 0.00	42.96 1.89 0.00	36.83 1.24 0.00	35.35 1.06 0.00	35.17 0.96 0.00	33.96 0.89 0.00	33.56 1.01 0.00	34.44 1.23 0.00	39.07 1.68 0.00	47.25 2.92 0.00	59.51 4.25 0.00	55.42 3.91 0.00	48.04 3.60 0.00	42.24 3.16 0.00	39.83 2.88 0.00
PIERCEFIELD___HYD 23852	36.24 -1.43 0.00	33.61 -1.11 0.00	33.18 -1.06 0.00	33.78 -0.97 0.00	34.10 -0.98 0.00	37.30 -1.00 0.00	46.37 -1.09 0.00	50.00 -1.18 0.00	49.63 -1.01 0.00	42.34 -1.04 0.00	39.96 -1.11 0.00	34.52 -1.07 0.00	33.22 -1.06 0.00	33.19 -1.03 0.00	32.11 -0.96 0.00	31.61 -0.94 0.00	32.48 -0.73 0.00	36.71 -0.67 0.00	43.53 -0.80 0.00	54.32 -0.94 0.00	50.74 -0.77 0.00	43.82 -0.62 0.00	38.57 -0.51 0.00	36.42 -0.52 0.00
PINELAWN_CC_1 323563	39.71 2.03 0.00	36.18 1.46 0.00	35.65 1.40 0.00	35.97 1.22 0.00	35.96 0.88 0.00	39.21 0.92 0.00	50.07 2.61 0.00	53.99 2.81 0.00	53.89 3.24 -0.01	46.47 3.08 -0.01	43.96 2.87 -0.01	39.28 2.60 -1.10	36.77 2.47 -0.01	36.69 2.46 -0.01	35.19 2.12 0.00	34.87 2.31 0.00	35.53 2.32 0.00	40.09 2.69 -0.01	47.61 3.28 -0.01	58.74 3.48 0.00	54.50 2.99 0.00	47.57 3.11 -0.01	41.50 2.42 0.00	38.46 1.52 0.00
PJM_GEN_HTP_PROXY 323702	39.37 1.70 0.00	36.18 1.46 0.00	35.54 1.30 0.00	35.94 1.18 0.00	36.03 0.95 0.00	39.32 1.03 0.00	49.50 2.04 0.00	53.79 2.61 0.00	53.37 2.73 0.00	45.98 2.60 0.00	43.62 2.55 0.00	37.86 2.28 0.00	36.51 2.23 0.00	36.43 2.22 0.00	35.19 2.12 0.00	34.77 2.21 0.00	35.34 2.13 0.00	39.81 2.43 0.00	47.20 2.88 0.00	58.46 3.20 0.00	54.45 2.93 0.00	46.98 2.53 0.00	40.99 1.91 0.00	38.31 1.37 0.00
PJM_GEN_KEystone 24065	38.50 0.83 0.00	35.38 0.66 0.00	34.69 0.44 0.00	35.14 0.38 0.00	35.57 0.49 0.00	39.10 0.81 0.00	48.55 1.09 0.00	52.10 0.92 0.00	51.25 0.61 0.00	44.07 0.69 0.00	41.85 0.78 0.00	36.37 0.78 0.00	34.94 0.65 0.00	34.86 0.65 0.00	33.69 0.63 0.00	33.17 0.62 0.00	33.67 0.46 0.00	37.87 0.48 0.00	44.99 0.67 0.00	56.08 0.83 0.00	52.23 0.72 0.00	44.98 0.54 0.00	39.47 0.39 0.00	37.31 0.37 0.00
PJM_GEN_NEPTUNE_PROXY 323594	39.37 1.70 0.00	35.94 1.21 0.00	35.37 1.13 0.00	35.73 0.97 0.00	35.71 0.63 0.00	38.98 0.69 0.00	49.60 2.14 0.00	53.54 2.36 0.00	53.33 2.68 -0.01	45.94 2.56 -0.01	43.46 2.38 -0.01	38.68 2.17 -0.92	36.46 2.16 -0.01	36.34 2.12 -0.01	34.98 1.92 0.00	34.64 2.09 0.00	35.27 2.06 0.00	39.79 2.39 -0.01	47.13 2.79 -0.01	58.24 2.98 0.00	54.09 2.57 0.00	47.08 2.62 -0.01	41.11 2.03 0.00	38.16 1.22 0.00
PJM_GEN_VFT_PROXY 323633	39.22 1.55 0.00	36.04 1.32 0.00	35.37 1.13 0.00	35.77 1.01 0.00	35.85 0.77 0.00	39.17 0.88 0.00	49.31 1.85 0.00	53.54 2.36 0.00	53.12 2.48 0.00	45.76 2.38 0.00	43.45 2.38 0.00	37.75 2.17 0.00	36.38 2.09 0.00	36.30 2.09 0.00	35.05 1.98 0.00	34.67 2.11 0.00	35.23 2.03 0.00	39.70 2.32 0.00	47.07 2.75 0.00	58.18 2.93 0.00	54.24 2.73 0.00	46.75 2.31 0.00	40.84 1.76 0.00	38.12 1.18 0.00
PLATSBURG_115KV_PMLD1 355749	36.69 -0.98 0.00	34.13 -0.59 0.00	33.69 -0.55 0.00	34.34 -0.42 0.00	34.87 -0.21 0.00	38.25 -0.04 0.00	47.65 0.19 0.00	51.44 0.26 0.00	50.94 0.30 0.00	43.51 0.13 0.00	41.03 -0.04 0.00	35.44 -0.14 0.00	34.15 -0.14 0.00	34.14 -0.07 0.00	33.10 0.03 0.00	32.68 0.13 0.00	33.64 0.43 0.00	38.09 0.71 0.00	45.17 0.84 0.00	56.36 1.11 0.00	52.80 1.29 0.00	45.60 1.16 0.00	40.17 1.09 0.00	38.01 1.07 0.00
PLEASANTVLY___LBMP 24000	38.99 1.32 0.00	35.87 1.15 0.00	35.27 1.03 0.00	35.70 0.94 0.00	35.85 0.77 0.00	39.13 0.84 0.00	48.98 1.52 0.00	53.18 2.00 0.00	52.51 1.87 0.00	45.20 1.82 0.00	42.80 1.73 0.00	37.11 1.53 0.00	35.80 1.51 0.00	35.72 1.51 0.00	34.52 1.45 0.00	34.08 1.53 0.00	34.67 1.46 0.00	39.06 1.68 0.00	46.23 1.91 0.00	57.41 2.15 0.00	53.52 2.01 0.00	46.13 1.69 0.00	40.33 1.25 0.00	37.75 0.81 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	39.29 1.62 0.00	36.11 1.39 0.00	35.48 1.23 0.00	35.90 1.15 0.00	36.03 0.95 0.00	39.40 1.11 0.00	49.45 1.99 0.00	53.74 2.56 0.00	53.07 2.43 0.00	45.68 2.30 0.00	43.33 2.26 0.00	37.54 1.96 0.00	36.17 1.89 0.00	36.09 1.88 0.00	34.89 1.82 0.00	34.44 1.89 0.00	35.03 1.83 0.00	39.48 2.09 0.00	46.72 2.39 0.00	57.96 2.71 0.00	54.03 2.52 0.00	46.58 2.13 0.00	40.68 1.60 0.00	38.05 1.11 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	39.29 1.62 0.00	36.11 1.39 0.00	35.48 1.23 0.00	35.90 1.15 0.00	36.03 0.95 0.00	39.40 1.11 0.00	49.45 1.99 0.00	53.74 2.56 0.00	53.07 2.43 0.00	45.68 2.30 0.00	43.33 2.26 0.00	37.54 1.96 0.00	36.17 1.89 0.00	36.09 1.88 0.00	34.89 1.82 0.00	34.44 1.89 0.00	35.03 1.83 0.00	39.48 2.09 0.00	46.72 2.39 0.00	57.96 2.71 0.00	54.03 2.52 0.00	46.58 2.13 0.00	40.68 1.60 0.00	38.05 1.11 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.18 1.51 0.00	36.04 1.32 0.00	35.44 1.20 0.00	35.87 1.11 0.00	35.99 0.91 0.00	39.29 1.00 0.00	49.26 1.80 0.00	53.48 2.30 0.00	52.67 2.03 0.00	45.33 1.95 0.00	42.96 1.89 0.00	37.18 1.60 0.00	35.83 1.54 0.00	35.75 1.54 0.00	34.62 1.55 0.00	34.15 1.60 0.00	34.77 1.56 0.00	39.18 1.79 0.00	46.41 2.08 0.00	57.85 2.60 0.00	53.78 2.27 0.00	46.36 1.91 0.00	40.48 1.41 0.00	37.94 1.00 0.00
POLETTI___ 23519	39.41 1.73 0.00	36.21 1.49 0.00	35.54 1.30 0.00	35.94 1.18 0.00	36.03 0.95 0.00	39.44 1.15 0.00	49.55 2.09 0.00	53.95 2.76 0.00	53.37 2.73 0.00	45.98 2.60 0.00	43.62 2.55 0.00	37.86 2.28 0.00	36.48 2.19 0.00	36.40 2.19 0.00	35.18 2.12 0.00	34.77 2.21 0.00	35.33 2.13 0.00	39.77 2.39 0.00	46.94 2.62 0.00	58.13 2.87 0.00	54.29 2.78 0.00	46.76 2.31 0.00	40.79 1.72 0.00	38.16 1.22 0.00
POMONA___ESR 323819	39.03 1.35 0.00	35.90 1.18 0.00	35.27 1.03 0.00	35.70 0.94 0.00	35.82 0.74 0.00	39.06 0.77 0.00	49.07 1.61 0.00	53.28 2.10 0.00	52.72 2.08 0.00	45.42 2.04 0.00	43.04 1.97 0.00	37.36 1.78 0.00	36.00 1.71 0.00	35.92 1.71 0.00	34.72 1.65 0.00	34.28 1.72 0.00	34.84 1.63 0.00	39.25 1.87 0.00	46.67 2.35 0.00	57.96 2.71 0.00	53.93 2.42 0.00	46.49 2.05 0.00	40.60 1.52 0.00	37.97 1.03 0.00
PORT_JEFF_3 23555	39.67 2.00 0.00	36.04 1.32 0.00	35.61 1.37 0.00	35.90 1.15 0.00	35.78 0.70 0.00	38.94 0.65 0.00	49.97 2.51 0.00	53.74 2.56 0.00	53.84 3.19 -0.01	46.60 3.21 -0.01	44.08 3.00 -0.01	39.35 2.78 -0.99	36.83 2.54 -0.01	36.75 2.53 -0.01	35.09 2.02 0.00	34.73 2.18 0.00	35.43 2.23 0.00	39.90 2.50 -0.01	47.44 3.10 -0.01	58.46 3.20 0.00	54.19 2.68 0.00	47.34 2.89 -0.01	41.30 2.23 0.00	38.23 1.29 0.00

PORT_JEFF_4 23616	39.67 2.00 0.00	36.04 1.32 0.00	35.61 1.37 0.00	35.90 1.15 0.00	35.78 0.70 0.00	38.94 0.65 0.00	49.97 2.51 0.00	53.74 2.56 0.00	53.84 3.19 -0.01	46.60 3.21 -0.01	44.08 3.00 -0.01	39.35 2.78 -0.99	36.83 2.54 -0.01	36.75 2.53 -0.01	35.09 2.02 0.00	34.73 2.18 0.00	35.43 2.23 0.00	39.90 2.50 -0.01	47.44 3.10 -0.01	58.46 3.20 0.00	54.19 2.68 0.00	47.34 2.89 -0.01	41.30 2.23 0.00	38.23 1.29 0.00
PORT_JEFF_IC 23713	39.74 2.07 0.00	36.39 1.67 0.00	35.61 1.37 0.00	35.94 1.18 0.00	35.78 0.70 0.00	39.13 0.84 0.00	50.26 2.80 0.00	54.10 2.92 0.00	53.84 3.19 -0.01	46.64 3.25 -0.01	44.12 3.04 -0.01	39.39 2.81 -1.00	36.80 2.50 -0.01	36.65 2.43 -0.01	35.08 2.02 0.00	34.73 2.18 0.00	35.43 2.22 0.00	39.90 2.50 -0.01	47.26 2.93 -0.01	58.18 2.93 0.00	54.03 2.52 0.00	47.12 2.67 -0.01	40.99 1.91 0.00	38.09 1.15 0.00
PPL PILGRIM_ST_GT1 24216	39.78 2.11 0.00	36.25 1.53 0.00	35.71 1.47 0.00	36.04 1.29 0.00	35.96 0.88 0.00	39.21 0.92 0.00	50.16 2.70 0.00	53.99 2.81 0.00	53.99 3.34 -0.01	46.64 3.25 -0.01	44.12 3.04 -0.01	39.37 2.78 -1.01	36.90 2.60 -0.01	36.82 2.60 -0.01	35.25 2.18 0.00	34.90 2.35 0.00	35.57 2.36 0.00	40.12 2.73 -0.01	47.66 3.33 -0.01	58.68 3.43 0.00	54.39 2.88 0.00	47.66 3.20 -0.01	41.54 2.46 0.00	38.49 1.55 0.00
PPL PILGRIM_ST_GT2 24217	39.78 2.11 0.00	36.25 1.53 0.00	35.71 1.47 0.00	36.04 1.29 0.00	35.96 0.88 0.00	39.21 0.92 0.00	50.16 2.70 0.00	53.99 2.81 0.00	53.99 3.34 -0.01	46.64 3.25 -0.01	44.12 3.04 -0.01	39.37 2.78 -1.01	36.90 2.60 -0.01	36.82 2.60 -0.01	35.25 2.18 0.00	34.90 2.35 0.00	35.57 2.36 0.00	40.12 2.73 -0.01	47.66 3.33 -0.01	58.68 3.43 0.00	54.39 2.88 0.00	47.66 3.20 -0.01	41.54 2.46 0.00	38.49 1.55 0.00
PPL_SHRM_GT3 24213	39.37 1.70 0.00	35.59 0.87 0.00	35.31 1.06 0.00	35.63 0.87 0.00	35.29 0.21 0.00	38.25 -0.04 0.00	49.40 1.95 0.00	52.87 1.69 0.00	53.28 2.63 -0.01	46.47 3.08 -0.01	43.91 2.83 -0.01	39.32 2.74 -0.99	36.66 2.36 -0.01	36.58 2.36 -0.01	34.59 1.52 0.00	34.28 1.72 0.00	34.97 1.76 0.00	39.19 1.79 -0.01	46.68 2.35 -0.01	57.57 2.32 0.00	53.36 1.85 0.00	46.63 2.18 -0.01	40.64 1.56 0.00	37.61 0.67 0.00
PPL_SHRM_GT4 24214	39.37 1.70 0.00	35.59 0.87 0.00	35.31 1.06 0.00	35.63 0.87 0.00	35.29 0.21 0.00	38.25 -0.04 0.00	49.40 1.95 0.00	52.87 1.69 0.00	53.28 2.63 -0.01	46.47 3.08 -0.01	43.91 2.83 -0.01	39.32 2.74 -0.99	36.66 2.36 -0.01	36.58 2.36 -0.01	34.59 1.52 0.00	34.28 1.72 0.00	34.97 1.76 0.00	39.19 1.79 -0.01	46.68 2.35 -0.01	57.57 2.32 0.00	53.36 1.85 0.00	46.63 2.18 -0.01	40.64 1.56 0.00	37.61 0.67 0.00
PROJECT___ORANGE 1 24174	37.90 0.23 0.00	34.86 0.14 0.00	34.38 0.14 0.00	34.90 0.14 0.00	35.29 0.21 0.00	38.56 0.27 0.00	47.60 0.14 0.00	51.28 0.10 0.00	50.64 0.00 0.00	43.33 -0.04 0.00	41.07 0.00 0.00	35.58 0.00 0.00	34.22 -0.07 0.00	34.14 -0.07 0.00	32.97 -0.10 0.00	32.46 -0.10 0.00	33.01 -0.20 0.00	37.12 -0.26 0.00	44.10 -0.22 0.00	55.03 -0.22 0.00	51.30 -0.21 0.00	44.31 -0.13 0.00	38.96 -0.12 0.00	36.98 0.04 0.00
PROJECT___ORANGE 2 24166	37.90 0.23 0.00	34.86 0.14 0.00	34.38 0.14 0.00	34.90 0.14 0.00	35.29 0.21 0.00	38.56 0.27 0.00	47.60 0.14 0.00	51.28 0.10 0.00	50.64 0.00 0.00	43.33 -0.04 0.00	41.07 0.00 0.00	35.58 0.00 0.00	34.22 -0.07 0.00	34.14 -0.07 0.00	32.97 -0.10 0.00	32.46 -0.10 0.00	33.01 -0.20 0.00	37.12 -0.26 0.00	44.10 -0.22 0.00	55.03 -0.22 0.00	51.30 -0.21 0.00	44.31 -0.13 0.00	38.96 -0.12 0.00	36.98 0.04 0.00
PUCKETT___SOLAR 323809	38.80 1.13 0.00	35.73 1.01 0.00	35.24 0.99 0.00	35.77 1.01 0.00	36.20 1.12 0.00	39.71 1.42 0.00	49.22 1.76 0.00	52.97 1.79 0.00	52.06 1.42 0.00	44.29 0.91 0.00	41.81 0.74 0.00	36.12 0.53 0.00	34.67 0.38 0.00	34.52 0.31 0.00	33.36 0.30 0.00	32.85 0.29 0.00	33.51 0.30 0.00	37.87 0.48 0.00	45.35 1.02 0.00	56.75 1.49 0.00	52.90 1.39 0.00	45.65 1.20 0.00	40.09 1.01 0.00	37.94 1.00 0.00
PYRITES___HYD 24023	37.15 -0.53 0.00	34.44 -0.28 0.00	34.04 -0.21 0.00	34.65 -0.10 0.00	34.94 -0.14 0.00	38.21 -0.08 0.00	47.51 0.05 0.00	51.18 0.00 0.00	50.69 0.05 0.00	43.07 -0.30 0.00	40.62 -0.45 0.00	35.05 -0.53 0.00	33.74 -0.55 0.00	33.70 -0.51 0.00	32.60 -0.46 0.00	32.10 -0.46 0.00	33.04 -0.17 0.00	37.35 -0.04 0.00	44.41 0.09 0.00	55.48 0.22 0.00	51.87 0.36 0.00	44.80 0.36 0.00	39.43 0.35 0.00	37.24 0.30 0.00
QUAKERRD_115KV_BK1 80622	37.45 -0.23 0.00	34.41 -0.31 0.00	33.80 -0.45 0.00	34.34 -0.42 0.00	34.94 -0.14 0.00	38.56 0.27 0.00	47.27 -0.19 0.00	50.41 -0.77 0.00	49.68 -0.96 0.00	42.60 -0.78 0.00	40.46 -0.62 0.00	35.09 -0.50 0.00	33.64 -0.65 0.00	33.53 -0.68 0.00	32.37 -0.69 0.00	31.84 -0.72 0.00	32.28 -0.93 0.00	36.26 -1.12 0.00	43.13 -1.20 0.00	53.98 -1.27 0.00	50.27 -1.24 0.00	43.42 -1.02 0.00	38.29 -0.78 0.00	36.39 -0.55 0.00
QUENSBRY_115KV_TB8 356137	40.20 2.52 0.00	36.91 2.19 0.00	36.40 2.16 0.00	37.05 2.29 0.00	37.08 2.00 0.00	40.59 2.30 0.00	50.73 3.27 0.00	54.92 3.74 0.00	54.18 3.54 0.00	46.15 2.78 0.00	43.41 2.34 0.00	37.40 1.81 0.00	35.83 1.54 0.00	35.72 1.51 0.00	34.49 1.42 0.00	33.95 1.40 0.00	34.74 1.53 0.00	39.36 1.98 0.00	46.98 2.66 0.00	59.01 3.76 0.00	54.96 3.45 0.00	47.20 2.76 0.00	41.38 2.31 0.00	38.83 1.88 0.00
RAMAPO___LBMP 323565	38.92 1.24 0.00	35.80 1.08 0.00	35.17 0.92 0.00	35.59 0.83 0.00	35.71 0.63 0.00	39.06 0.77 0.00	48.93 1.47 0.00	53.18 2.00 0.00	52.51 1.87 0.00	45.20 1.82 0.00	42.84 1.77 0.00	37.18 1.60 0.00	35.80 1.51 0.00	35.72 1.51 0.00	34.56 1.49 0.00	34.08 1.53 0.00	34.70 1.49 0.00	39.10 1.72 0.00	46.28 1.95 0.00	57.41 2.15 0.00	53.52 2.01 0.00	46.09 1.64 0.00	40.29 1.21 0.00	37.72 0.78 0.00
RANKINE____ 23646	38.95 1.28 0.00	35.76 1.04 0.00	34.96 0.72 0.00	35.45 0.70 0.00	36.41 1.33 0.00	40.51 2.22 0.00	49.36 1.90 0.00	51.80 0.61 0.00	50.79 0.15 0.00	43.64 0.26 0.00	41.73 0.66 0.00	36.30 0.71 0.00	34.66 0.38 0.00	34.59 0.38 0.00	33.40 0.33 0.00	32.78 0.23 0.00	33.04 -0.17 0.00	37.01 -0.37 0.00	43.88 -0.44 0.00	55.03 -0.22 0.00	51.25 -0.26 0.00	44.18 -0.27 0.00	39.11 0.04 0.00	37.46 0.52 0.00
RAVENSWOOD_GT2_1 24244	39.44 1.77 0.00	36.25 1.53 0.00	35.58 1.34 0.00	35.97 1.22 0.00	36.06 0.98 0.00	39.52 1.23 0.00	49.59 2.14 0.00	54.00 2.81 0.00	53.42 2.79 0.00	46.02 2.65 0.00	43.66 2.59 0.00	37.90 2.31 0.00	36.48 2.19 0.00	36.40 2.19 0.00	35.18 2.12 0.00	34.73 2.18 0.00	35.33 2.13 0.00	39.77 2.39 0.00	46.98 2.66 0.00	58.13 2.87 0.00	54.29 2.78 0.00	46.76 2.31 0.00	40.83 1.76 0.00	38.20 1.26 0.00

RAVENSWOOD_GT2_2 24245	39.44 1.77 0.00	36.25 1.53 0.00	35.58 1.34 0.00	35.97 1.22 0.00	36.06 0.98 0.00	39.52 1.23 0.00	49.59 2.14 0.00	54.00 2.81 0.00	53.42 2.79 0.00	46.02 2.65 0.00	43.66 2.59 0.00	37.90 2.31 0.00	36.48 2.19 0.00	36.40 2.19 0.00	35.18 2.12 0.00	34.73 2.18 0.00	35.33 2.13 0.00	39.77 2.39 0.00	46.98 2.66 0.00	58.13 2.87 0.00	54.29 2.78 0.00	46.76 2.31 0.00	40.83 1.76 0.00	38.20 1.26 0.00
RAVENSWOOD_GT2_3 24246	39.48 1.81 0.00	36.25 1.53 0.00	35.58 1.34 0.00	35.97 1.22 0.00	36.06 0.98 0.00	39.52 1.23 0.00	49.64 2.18 0.00	54.00 2.81 0.00	53.42 2.79 0.00	46.02 2.65 0.00	43.66 2.59 0.00	37.90 2.31 0.00	36.52 2.23 0.00	36.44 2.22 0.00	35.22 2.15 0.00	34.77 2.21 0.00	35.37 2.16 0.00	39.81 2.43 0.00	46.98 2.66 0.00	58.18 2.93 0.00	54.34 2.83 0.00	46.80 2.36 0.00	40.87 1.80 0.00	38.23 1.29 0.00
RAVENSWOOD_GT2_4 24247	39.48 1.81 0.00	36.25 1.53 0.00	35.58 1.34 0.00	35.97 1.22 0.00	36.06 0.98 0.00	39.52 1.23 0.00	49.64 2.18 0.00	54.00 2.81 0.00	53.42 2.79 0.00	46.02 2.65 0.00	43.66 2.59 0.00	37.90 2.31 0.00	36.52 2.23 0.00	36.44 2.22 0.00	35.22 2.15 0.00	34.77 2.21 0.00	35.37 2.16 0.00	39.81 2.43 0.00	46.98 2.66 0.00	58.18 2.93 0.00	54.34 2.83 0.00	46.80 2.36 0.00	40.87 1.80 0.00	38.23 1.29 0.00
RAVENSWOOD_GT3_1 24248	39.48 1.81 0.00	36.25 1.53 0.00	35.58 1.34 0.00	35.97 1.22 0.00	36.06 0.98 0.00	39.52 1.23 0.00	49.59 2.14 0.00	54.00 2.81 0.00	53.42 2.79 0.00	46.02 2.65 0.00	43.66 2.59 0.00	37.90 2.31 0.00	36.48 2.19 0.00	36.44 2.22 0.00	35.18 2.12 0.00	34.77 2.21 0.00	35.33 2.13 0.00	39.77 2.39 0.00	46.98 2.66 0.00	58.18 2.93 0.00	54.29 2.78 0.00	46.80 2.36 0.00	40.83 1.76 0.00	38.20 1.26 0.00
RAVENSWOOD_GT3_2 24249	39.48 1.81 0.00	36.25 1.53 0.00	35.58 1.34 0.00	35.97 1.22 0.00	36.06 0.98 0.00	39.52 1.23 0.00	49.59 2.14 0.00	54.00 2.81 0.00	53.42 2.79 0.00	46.02 2.65 0.00	43.66 2.59 0.00	37.90 2.31 0.00	36.48 2.19 0.00	36.44 2.22 0.00	35.18 2.12 0.00	34.77 2.21 0.00	35.33 2.13 0.00	39.77 2.39 0.00	46.98 2.66 0.00	58.18 2.93 0.00	54.29 2.78 0.00	46.80 2.36 0.00	40.83 1.76 0.00	38.20 1.26 0.00
RAVENSWOOD_GT3_3 24250	39.52 1.85 0.00	36.28 1.56 0.00	35.61 1.37 0.00	36.01 1.25 0.00	36.10 1.02 0.00	39.55 1.26 0.00	49.64 2.18 0.00	54.05 2.87 0.00	53.48 2.84 0.00	46.07 2.69 0.00	43.70 2.63 0.00	37.93 2.35 0.00	36.55 2.26 0.00	36.47 2.26 0.00	35.22 2.15 0.00	34.80 2.25 0.00	35.37 2.16 0.00	39.85 2.47 0.00	47.03 2.47 0.00	58.24 2.98 0.00	54.40 2.88 0.00	46.85 2.40 0.00	40.91 1.84 0.00	38.27 1.33 0.00
RAVENSWOOD_GT3_4 24251	39.52 1.85 0.00	36.28 1.56 0.00	35.61 1.37 0.00	36.01 1.25 0.00	36.10 1.02 0.00	39.55 1.26 0.00	49.64 2.18 0.00	54.05 2.87 0.00	53.48 2.84 0.00	46.07 2.69 0.00	43.70 2.63 0.00	37.93 2.35 0.00	36.55 2.26 0.00	36.47 2.26 0.00	35.22 2.15 0.00	34.80 2.25 0.00	35.37 2.16 0.00	39.85 2.47 0.00	47.03 2.47 0.00	58.24 2.98 0.00	54.40 2.88 0.00	46.85 2.40 0.00	40.91 1.84 0.00	38.27 1.33 0.00
RAVENSWOOD_GT_1 23729	39.68 2.00 -0.01	36.47 1.74 -0.01	35.75 1.51 0.00	36.15 1.39 0.00	36.24 1.16 0.00	39.67 1.38 0.00	49.78 2.33 0.00	54.20 3.02 0.00	53.68 3.04 0.00	46.24 2.86 0.00	43.87 2.79 0.00	38.07 2.49 0.00	36.70 2.40 -0.01	36.61 2.39 0.00	35.38 2.31 0.00	34.93 2.38 0.00	35.50 2.29 0.00	39.96 2.58 0.00	47.16 2.84 0.00	58.24 2.98 0.00	54.50 2.99 0.00	46.93 2.49 0.00	40.99 1.91 0.00	38.38 1.44 0.00
RAVENSWOOD_GT_10 24258	39.44 1.77 0.00	36.25 1.53 0.00	35.58 1.34 0.00	35.97 1.22 0.00	36.06 0.98 0.00	39.48 1.19 0.00	49.59 2.14 0.00	54.00 2.81 0.00	53.42 2.79 0.00	46.02 2.65 0.00	43.62 2.55 0.00	37.90 2.31 0.00	36.48 2.19 0.00	36.40 2.19 0.00	35.18 2.12 0.00	34.73 2.18 0.00	35.33 2.13 0.00	39.77 2.39 0.00	46.98 2.66 0.00	58.13 2.87 0.00	54.29 2.78 0.00	46.76 2.31 0.00	40.83 1.76 0.00	38.20 1.26 0.00
RAVENSWOOD_GT_11 24259	39.44 1.77 0.00	36.25 1.53 0.00	35.58 1.34 0.00	35.97 1.22 0.00	36.06 0.98 0.00	39.48 1.19 0.00	49.59 2.14 0.00	54.00 2.81 0.00	53.42 2.79 0.00	46.02 2.65 0.00	43.62 2.55 0.00	37.90 2.31 0.00	36.48 2.19 0.00	36.40 2.19 0.00	35.18 2.12 0.00	34.73 2.18 0.00	35.33 2.13 0.00	39.77 2.39 0.00	46.98 2.66 0.00	58.13 2.87 0.00	54.29 2.78 0.00	46.76 2.31 0.00	40.83 1.76 0.00	38.20 1.26 0.00
RAVENSWOOD_GT_4 24252	39.41 1.73 -0.01	36.22 1.49 -0.01	35.54 1.30 0.00	35.94 1.18 0.00	36.03 0.95 0.00	39.48 1.19 0.00	49.55 2.09 0.00	53.95 2.76 0.00	53.37 2.73 0.00	45.98 2.60 0.00	43.58 2.51 0.00	37.86 2.28 0.00	36.45 2.16 -0.01	36.37 2.16 0.00	35.15 2.08 0.00	34.70 2.15 0.00	35.30 2.09 0.00	39.74 2.36 0.00	46.94 2.62 0.00	58.13 2.87 0.00	54.29 2.78 0.00	46.76 2.31 0.00	40.83 1.76 0.00	38.16 1.22 0.00
RAVENSWOOD_GT_5 24254	39.41 1.73 -0.01	36.22 1.49 -0.01	35.54 1.30 0.00	35.94 1.18 0.00	36.03 0.95 0.00	39.48 1.19 0.00	49.55 2.09 0.00	53.95 2.76 0.00	53.37 2.73 0.00	45.98 2.60 0.00	43.58 2.51 0.00	37.86 2.28 0.00	36.45 2.16 -0.01	36.37 2.16 0.00	35.15 2.08 0.00	34.70 2.15 0.00	35.30 2.09 0.00	39.74 2.36 0.00	46.94 2.62 0.00	58.13 2.87 0.00	54.29 2.78 0.00	46.76 2.31 0.00	40.83 1.76 0.00	38.16 1.22 0.00
RAVENSWOOD_GT_6 24253	39.41 1.73 -0.01	36.22 1.49 -0.01	35.54 1.30 0.00	35.94 1.18 0.00	36.03 0.95 0.00	39.48 1.19 0.00	49.55 2.09 0.00	53.95 2.76 0.00	53.37 2.73 0.00	45.98 2.60 0.00	43.58 2.51 0.00	37.86 2.28 0.00	36.45 2.16 -0.01	36.37 2.16 0.00	35.15 2.08 0.00	34.70 2.15 0.00	35.30 2.09 0.00	39.74 2.36 0.00	46.94 2.62 0.00	58.13 2.87 0.00	54.29 2.78 0.00	46.76 2.31 0.00	40.83 1.76 0.00	38.16 1.22 0.00
RAVENSWOOD_GT_7 24255	39.41 1.73 -0.01	36.22 1.49 -0.01	35.54 1.30 0.00	35.94 1.18 0.00	36.03 0.95 0.00	39.48 1.19 0.00	49.55 2.09 0.00	53.95 2.76 0.00	53.37 2.73 0.00	45.98 2.60 0.00	43.58 2.51 0.00	37.86 2.28 0.00	36.45 2.16 -0.01	36.37 2.16 0.00	35.15 2.08 0.00	34.70 2.15 0.00	35.30 2.09 0.00	39.74 2.36 0.00	46.94 2.62 0.00	58.13 2.87 0.00	54.29 2.78 0.00	46.76 2.31 0.00	40.83 1.76 0.00	38.16 1.22 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	39.44 1.77 0.00	36.25 1.53 0.00	35.58 1.34 0.00	35.97 1.22 0.00	36.06 0.98 0.00	39.48 1.19 0.00	49.59 2.14 0.00	54.00 2.81 0.00	53.42 2.79 0.00	46.02 2.65 0.00	43.62 2.55 0.00	37.90 2.31 0.00	36.48 2.19 0.00	36.40 2.19 0.00	35.18 2.12 0.00	34.73 2.18 0.00	35.33 2.13 0.00	39.77 2.39 0.00	46.98 2.66 0.00	58.13 2.87 0.00	54.29 2.78 0.00	46.76 2.31 0.00	40.83 1.76 0.00	38.20 1.26 0.00

RAVENSWOOD_GT_9 24257	39.44 1.77 0.00	36.25 1.53 0.00	35.58 1.34 0.00	35.97 1.22 0.00	36.06 0.98 0.00	39.48 1.19 0.00	49.59 2.14 0.00	54.00 2.81 0.00	53.42 2.79 0.00	46.02 2.65 0.00	43.62 2.55 0.00	37.90 2.31 0.00	36.48 2.19 0.00	36.40 2.19 0.00	35.18 2.12 0.00	34.73 2.18 0.00	35.33 2.13 0.00	39.77 2.39 0.00	46.98 2.66 0.00	58.13 2.87 0.00	54.29 2.78 0.00	46.76 2.31 0.00	40.83 1.76 0.00	38.20 1.26 0.00
RAVENSWOOD___1 23533	39.64 1.96 -0.01	36.43 1.70 -0.01	35.75 1.50 0.00	36.15 1.39 0.00	36.24 1.16 0.00	39.55 1.26 0.00	49.74 2.28 0.00	54.05 2.86 0.00	53.68 3.04 0.00	46.24 2.86 0.00	43.87 2.79 0.00	38.07 2.49 0.00	36.73 2.43 -0.01	36.64 2.43 0.00	35.38 2.31 0.00	34.96 2.41 0.00	35.53 2.32 0.00	40.00 2.62 0.00	47.43 3.10 0.00	58.63 3.37 0.00	54.71 3.19 0.00	47.16 2.71 0.00	41.18 2.11 0.00	38.49 1.55 0.00
RAVENSWOOD___2 23534	39.64 1.96 -0.01	36.43 1.70 -0.01	35.75 1.50 0.00	36.15 1.39 0.00	36.24 1.16 0.00	39.55 1.26 0.00	49.74 2.28 0.00	54.05 2.86 0.00	53.68 3.04 0.00	46.24 2.86 0.00	43.87 2.79 0.00	38.07 2.49 0.00	36.73 2.43 -0.01	36.64 2.43 0.00	35.38 2.31 0.00	34.96 2.41 0.00	35.53 2.32 0.00	40.00 2.62 0.00	47.43 3.10 0.00	58.63 3.37 0.00	54.71 3.19 0.00	47.16 2.71 0.00	41.18 2.11 0.00	38.49 1.55 0.00
RAVENSWOOD___3 23535	39.44 1.77 0.00	36.21 1.49 0.00	35.58 1.33 0.00	35.97 1.22 0.00	36.06 0.98 0.00	39.40 1.11 0.00	49.54 2.09 0.00	53.84 2.66 0.00	53.42 2.78 0.00	46.02 2.65 0.00	43.66 2.59 0.00	37.90 2.31 0.00	36.51 2.23 0.00	36.43 2.22 0.00	35.19 2.12 0.00	34.80 2.24 0.00	35.37 2.16 0.00	39.81 2.43 0.00	47.25 2.92 0.00	58.51 3.26 0.00	54.50 2.99 0.00	47.02 2.58 0.00	41.03 1.95 0.00	38.35 1.40 0.00
RAVENSWOOD___4 23820	39.64 1.96 -0.01	36.43 1.70 -0.01	35.75 1.50 0.00	36.15 1.39 0.00	36.23 1.16 0.00	39.55 1.26 0.00	49.74 2.28 0.00	54.05 2.86 0.00	53.68 3.04 0.00	46.24 2.86 0.00	43.87 2.79 0.00	38.07 2.49 0.00	36.73 2.43 -0.01	36.64 2.43 0.00	35.38 2.31 0.00	34.96 2.41 0.00	35.53 2.32 0.00	40.00 2.62 0.00	47.43 3.10 0.00	58.63 3.37 0.00	54.71 3.19 0.00	47.16 2.71 0.00	41.18 2.11 0.00	38.49 1.55 0.00
RCPL_TRUST___DRP 24196	39.67 2.00 0.00	36.42 1.70 0.00	35.75 1.51 0.00	36.15 1.39 0.00	36.24 1.16 0.00	39.71 1.42 0.00	49.93 2.47 0.00	54.41 3.22 0.00	53.83 3.19 0.00	46.37 2.99 0.00	43.99 2.92 0.00	38.18 2.60 0.00	36.79 2.50 0.00	36.71 2.50 0.00	35.45 2.38 0.00	35.03 2.47 0.00	35.60 2.39 0.00	40.07 2.69 0.00	47.29 2.97 0.00	58.57 3.32 0.00	54.65 3.14 0.00	47.07 2.62 0.00	41.11 2.03 0.00	38.42 1.48 0.00
RED___ROCHESTER 323720	38.65 0.98 0.00	35.45 0.73 0.00	34.76 0.51 0.00	35.28 0.52 0.00	35.99 0.91 0.00	39.86 1.57 0.00	48.74 1.28 0.00	52.10 0.92 0.00	51.04 0.40 0.00	43.77 0.39 0.00	41.65 0.57 0.00	36.08 0.50 0.00	34.53 0.24 0.00	34.42 0.21 0.00	33.27 0.20 0.00	32.65 0.10 0.00	33.11 -0.10 0.00	37.12 -0.26 0.00	44.19 -0.13 0.00	55.42 0.17 0.00	51.72 0.21 0.00	44.53 0.09 0.00	39.31 0.24 0.00	37.39 0.44 0.00
REGAN___SOLAR 323812	40.42 2.75 0.00	37.12 2.39 0.00	36.64 2.40 0.00	37.26 2.50 0.00	37.39 2.31 0.00	40.86 2.57 0.00	51.06 3.61 0.00	55.07 3.89 0.00	54.24 3.60 0.00	45.85 2.47 0.00	43.08 2.01 0.00	37.15 1.56 0.00	35.76 1.47 0.00	35.62 1.40 0.00	34.32 1.26 0.00	33.86 1.30 0.00	34.70 1.50 0.00	39.59 2.21 0.00	47.69 3.37 0.00	59.90 4.64 0.00	55.84 4.33 0.00	47.96 3.51 0.00	42.04 2.97 0.00	39.46 2.51 0.00
RENSSELAER___COGEN 23796	38.13 0.45 0.00	35.14 0.42 0.00	34.69 0.44 0.00	35.18 0.42 0.00	35.36 0.28 0.00	38.33 0.04 0.00	47.70 0.24 0.00	51.59 0.41 0.00	51.00 0.36 0.00	43.77 0.39 0.00	41.36 0.29 0.00	35.87 0.28 0.00	34.70 0.41 0.00	34.66 0.44 0.00	33.53 0.46 0.00	33.04 0.49 0.00	33.67 0.46 0.00	37.79 0.41 0.00	45.03 0.71 0.00	56.14 0.88 0.00	52.23 0.72 0.00	45.02 0.58 0.00	39.43 0.35 0.00	37.20 0.26 0.00
REPUBLIC_115KV_BARTNBRK 55605	41.70 4.03 0.00	38.26 3.54 0.00	37.74 3.49 0.00	38.48 3.72 0.00	38.38 3.30 0.00	42.16 3.87 0.00	52.77 5.32 0.00	57.12 5.94 0.00	56.31 5.67 0.00	47.67 4.29 0.00	44.73 3.66 0.00	38.39 2.81 0.00	36.65 2.37 0.00	36.47 2.26 0.00	35.25 2.18 0.00	34.73 2.18 0.00	35.53 2.32 0.00	40.45 3.07 0.00	48.62 4.30 0.00	61.44 6.19 0.00	57.23 5.72 0.00	49.07 4.62 0.00	43.06 3.99 0.00	40.34 3.40 0.00
REVERE_CPDR_DRP 24186	38.54 0.87 0.00	35.52 0.80 0.00	35.10 0.86 0.00	35.66 0.90 0.00	35.92 0.84 0.00	39.32 1.03 0.00	48.74 1.28 0.00	52.61 1.43 0.00	52.11 1.47 0.00	44.16 0.78 0.00	41.73 0.66 0.00	36.05 0.46 0.00	34.70 0.41 0.00	34.59 0.38 0.00	33.43 0.36 0.00	32.91 0.36 0.00	33.64 0.43 0.00	37.98 0.60 0.00	45.39 1.06 0.00	56.80 1.55 0.00	52.90 1.39 0.00	45.73 1.29 0.00	40.17 1.09 0.00	37.87 0.92 0.00
REYNOLDS_115KV_TB3 80639	38.43 0.75 0.00	35.42 0.69 0.00	34.93 0.68 0.00	35.42 0.66 0.00	35.61 0.53 0.00	38.71 0.42 0.00	48.12 0.66 0.00	52.10 0.92 0.00	51.40 0.76 0.00	44.11 0.74 0.00	41.73 0.66 0.00	36.15 0.57 0.00	34.94 0.65 0.00	34.93 0.72 0.00	33.76 0.69 0.00	33.27 0.72 0.00	33.91 0.70 0.00	38.06 0.67 0.00	45.26 0.93 0.00	56.36 1.11 0.00	52.44 0.93 0.00	45.20 0.76 0.00	39.58 0.51 0.00	37.24 0.30 0.00
RIVERBAY____ 323610	39.90 2.22 -0.01	36.67 1.94 -0.01	35.95 1.71 0.00	36.36 1.60 0.00	36.41 1.33 0.00	39.75 1.46 0.00	49.74 2.28 0.00	54.15 2.97 0.00	53.58 2.94 0.00	46.11 2.73 0.00	43.70 2.63 0.00	38.04 2.46 0.00	36.54 2.26 0.01	36.44 2.22 0.00	35.22 2.15 0.00	34.77 2.21 0.00	35.37 2.16 0.00	39.81 2.43 0.00	46.98 2.66 0.00	58.02 2.76 0.00	54.34 2.83 0.00	46.80 2.36 0.00	40.87 1.80 0.00	38.38 1.44 0.00
RIVERSIDE_115KV_TB3 55908	38.35 0.68 0.00	35.31 0.59 0.00	34.82 0.58 0.00	35.31 0.56 0.00	35.50 0.42 0.00	38.60 0.31 0.00	47.98 0.52 0.00	51.90 0.72 0.00	51.25 0.61 0.00	43.98 0.61 0.00	41.57 0.49 0.00	36.05 0.46 0.00	34.84 0.55 0.00	34.83 0.62 0.00	33.66 0.60 0.00	33.14 0.59 0.00	33.81 0.60 0.00	37.94 0.56 0.00	45.08 0.75 0.00	56.19 0.94 0.00	52.28 0.77 0.00	45.07 0.62 0.00	39.47 0.39 0.00	37.13 0.18 0.00
ROARING___BROOK_WT_PWR 323790	36.88 -0.79 0.00	34.10 -0.62 0.00	33.63 -0.62 0.00	34.20 -0.56 0.00	34.52 -0.56 0.00	37.72 -0.57 0.00	46.89 -0.57 0.00	50.62 -0.56 0.00	50.23 -0.41 0.00	43.08 -0.30 0.00	40.79 -0.29 0.00	35.34 -0.25 0.00	34.08 -0.20 0.00	34.01 -0.20 0.00	32.90 -0.16 0.00	32.39 -0.16 0.00	33.14 -0.07 0.00	37.35 -0.04 0.00	44.24 -0.09 0.00	55.14 -0.11 0.00	51.36 -0.15 0.00	44.31 -0.13 0.00	38.96 -0.12 0.00	36.83 -0.11 0.00

ROCHESRG_115KV_T4 355643	38.20 0.53 0.00	35.10 0.38 0.00	34.45 0.21 0.00	34.97 0.21 0.00	35.64 0.56 0.00	39.40 1.11 0.00	48.22 0.76 0.00	51.28 0.10 0.00	50.49 -0.15 0.00	43.29 -0.09 0.00	41.20 0.12 0.00	35.76 0.18 0.00	34.25 -0.03 0.00	34.14 -0.07 0.00	32.97 -0.10 0.00	32.42 -0.13 0.00	32.81 -0.40 0.00	36.82 -0.56 0.00	43.79 -0.53 0.00	54.81 -0.44 0.00	51.10 -0.41 0.00	44.09 -0.36 0.00	38.96 -0.12 0.00	37.05 0.11 0.00
ROCHESTER_9_IC 23652	38.39 0.72 0.00	35.28 0.56 0.00	34.62 0.38 0.00	35.14 0.38 0.00	35.85 0.77 0.00	39.63 1.34 0.00	48.50 1.04 0.00	51.59 0.41 0.00	50.79 0.15 0.00	43.55 0.17 0.00	41.44 0.37 0.00	35.94 0.36 0.00	34.42 0.14 0.00	34.31 0.10 0.00	33.13 0.07 0.00	32.59 0.03 0.00	32.98 -0.23 0.00	37.01 -0.37 0.00	44.06 -0.27 0.00	55.14 -0.11 0.00	51.41 -0.10 0.00	44.36 -0.09 0.00	39.15 0.08 0.00	37.24 0.30 0.00
ROCKVIEW_13_KV_LD 356306	39.48 1.81 0.00	36.28 1.56 0.00	35.61 1.37 0.00	36.01 1.25 0.00	36.13 1.05 0.00	39.55 1.26 0.00	49.69 2.23 0.00	54.05 2.87 0.00	53.42 2.79 0.00	45.98 2.60 0.00	43.58 2.51 0.00	37.79 2.21 0.00	36.38 2.09 0.00	36.33 2.12 0.00	35.08 2.02 0.00	34.67 2.12 0.00	35.27 2.06 0.00	39.70 2.32 0.00	46.98 2.66 0.00	58.29 3.04 0.00	54.34 2.83 0.00	46.80 2.36 0.00	40.87 1.80 0.00	38.23 1.29 0.00
ROME____115KV_TB2 80656	38.54 0.87 0.00	35.52 0.80 0.00	35.10 0.86 0.00	35.66 0.90 0.00	35.92 0.84 0.00	39.32 1.03 0.00	48.74 1.28 0.00	52.61 1.43 0.00	52.11 1.47 0.00	44.16 0.78 0.00	41.73 0.66 0.00	36.05 0.46 0.00	34.70 0.41 0.00	34.59 0.38 0.00	33.43 0.36 0.00	32.91 0.36 0.00	33.64 0.43 0.00	37.98 0.60 0.00	45.39 1.06 0.00	56.80 1.55 0.00	52.90 1.39 0.00	45.73 1.29 0.00	40.17 1.09 0.00	37.87 0.92 0.00
ROSETON___1 23587	38.91 1.24 0.00	35.80 1.08 0.00	35.24 0.99 0.00	35.66 0.90 0.00	35.82 0.74 0.00	38.98 0.69 0.00	48.88 1.42 0.00	53.02 1.84 0.00	52.46 1.82 0.00	45.16 1.78 0.00	42.80 1.72 0.00	37.11 1.53 0.00	35.76 1.47 0.00	35.72 1.50 0.00	34.49 1.42 0.00	34.08 1.53 0.00	34.64 1.43 0.00	39.03 1.64 0.00	46.41 2.08 0.00	57.63 2.37 0.00	53.62 2.11 0.00	46.27 1.82 0.00	40.44 1.37 0.00	37.87 0.92 0.00
ROSETON___2 23588	38.91 1.24 0.00	35.80 1.08 0.00	35.24 0.99 0.00	35.66 0.90 0.00	35.82 0.74 0.00	38.98 0.69 0.00	48.88 1.42 0.00	53.02 1.84 0.00	52.46 1.82 0.00	45.16 1.78 0.00	42.80 1.72 0.00	37.11 1.53 0.00	35.76 1.47 0.00	35.72 1.50 0.00	34.49 1.42 0.00	34.08 1.53 0.00	34.64 1.43 0.00	39.03 1.64 0.00	46.41 2.08 0.00	57.63 2.37 0.00	53.62 2.11 0.00	46.27 1.82 0.00	40.44 1.37 0.00	37.87 0.92 0.00
ROTRRDAM_115KV_TB3 80664	38.80 1.13 0.00	35.69 0.97 0.00	35.24 0.99 0.00	35.77 1.01 0.00	35.96 0.88 0.00	39.17 0.88 0.00	48.79 1.33 0.00	52.72 1.54 0.00	52.06 1.42 0.00	44.55 1.17 0.00	42.10 1.03 0.00	36.44 0.85 0.00	35.14 0.86 0.00	35.07 0.86 0.00	33.86 0.79 0.00	33.37 0.81 0.00	34.04 0.83 0.00	38.39 1.01 0.00	45.70 1.37 0.00	57.02 1.77 0.00	53.11 1.60 0.00	45.78 1.33 0.00	40.13 1.06 0.00	37.75 0.81 0.00
RUSSELL___1 23602	38.54 0.87 0.00	35.42 0.69 0.00	34.76 0.51 0.00	35.28 0.52 0.00	35.99 0.91 0.00	39.82 1.53 0.00	48.74 1.28 0.00	51.85 0.67 0.00	51.04 0.41 0.00	43.77 0.39 0.00	41.65 0.58 0.00	36.08 0.50 0.00	34.56 0.27 0.00	34.45 0.24 0.00	33.27 0.20 0.00	32.72 0.16 0.00	33.11 -0.10 0.00	37.20 -0.19 0.00	44.28 -0.04 0.00	55.48 0.22 0.00	51.67 0.15 0.00	44.58 0.13 0.00	39.35 0.27 0.00	37.39 0.44 0.00
RUSSELL___2 23532	38.54 0.87 0.00	35.42 0.69 0.00	34.76 0.51 0.00	35.28 0.52 0.00	35.99 0.91 0.00	39.82 1.53 0.00	48.74 1.28 0.00	51.85 0.67 0.00	51.04 0.41 0.00	43.77 0.39 0.00	41.65 0.58 0.00	36.08 0.50 0.00	34.56 0.27 0.00	34.45 0.24 0.00	33.27 0.20 0.00	32.72 0.16 0.00	33.11 -0.10 0.00	37.20 -0.19 0.00	44.28 -0.04 0.00	55.48 0.22 0.00	51.67 0.15 0.00	44.58 0.13 0.00	39.35 0.27 0.00	37.39 0.44 0.00
RUSSELL___3 23549	38.54 0.87 0.00	35.42 0.69 0.00	34.76 0.51 0.00	35.28 0.52 0.00	35.99 0.91 0.00	39.82 1.53 0.00	48.74 1.28 0.00	51.85 0.67 0.00	51.04 0.41 0.00	43.77 0.39 0.00	41.65 0.58 0.00	36.08 0.50 0.00	34.56 0.27 0.00	34.45 0.24 0.00	33.27 0.20 0.00	32.72 0.16 0.00	33.11 -0.10 0.00	37.20 -0.19 0.00	44.28 -0.04 0.00	55.48 0.22 0.00	51.67 0.15 0.00	44.58 0.13 0.00	39.35 0.27 0.00	37.39 0.44 0.00
RUSSELL___4 23556	38.54 0.87 0.00	35.42 0.69 0.00	34.76 0.51 0.00	35.28 0.52 0.00	35.99 0.91 0.00	39.82 1.53 0.00	48.74 1.28 0.00	51.85 0.67 0.00	51.04 0.41 0.00	43.77 0.39 0.00	41.65 0.58 0.00	36.08 0.50 0.00	34.56 0.27 0.00	34.45 0.24 0.00	33.27 0.20 0.00	32.72 0.16 0.00	33.11 -0.10 0.00	37.20 -0.19 0.00	44.28 -0.04 0.00	55.48 0.22 0.00	51.67 0.15 0.00	44.58 0.13 0.00	39.35 0.27 0.00	37.39 0.44 0.00
RUSSELL___STATION 23914	38.54 0.87 0.00	35.42 0.69 0.00	34.76 0.51 0.00	35.28 0.52 0.00	35.99 0.91 0.00	39.82 1.53 0.00	48.74 1.28 0.00	51.85 0.67 0.00	51.04 0.41 0.00	43.77 0.39 0.00	41.65 0.58 0.00	36.08 0.50 0.00	34.56 0.27 0.00	34.45 0.24 0.00	33.27 0.20 0.00	32.72 0.16 0.00	33.11 -0.10 0.00	37.20 -0.19 0.00	44.28 -0.04 0.00	55.48 0.22 0.00	51.67 0.15 0.00	44.58 0.13 0.00	39.35 0.27 0.00	37.39 0.44 0.00
S SALMON___HYD 24043	37.15 -0.53 0.00	34.20 -0.52 0.00	33.73 -0.51 0.00	34.27 -0.49 0.00	34.59 -0.49 0.00	37.87 -0.42 0.00	46.79 -0.66 0.00	50.46 -0.72 0.00	49.73 -0.91 0.00	42.38 -1.00 0.00	40.09 -0.99 0.00	34.70 -0.89 0.00	33.36 -0.92 0.00	33.29 -0.92 0.00	32.14 -0.93 0.00	31.64 -0.91 0.00	32.31 -0.90 0.00	36.41 -0.97 0.00	43.35 -0.98 0.00	54.20 -1.05 0.00	50.53 -0.98 0.00	43.69 -0.76 0.00	38.41 -0.66 0.00	36.35 -0.59 0.00
S.PERRY__115KV_TB1 80734	40.61 2.94 0.00	37.36 2.64 0.00	36.67 2.43 0.00	37.36 2.61 0.00	38.10 3.02 0.00	42.20 3.91 0.00	51.73 4.27 0.00	55.07 3.89 0.00	53.53 2.89 0.00	45.29 1.91 0.00	42.76 1.68 0.00	36.97 1.39 0.00	35.21 0.93 0.00	35.07 0.86 0.00	33.86 0.79 0.00	32.78 0.23 0.00	33.34 0.13 0.00	37.68 0.30 0.00	45.39 1.06 0.00	57.13 1.88 0.00	53.31 1.80 0.00	45.96 1.51 0.00	40.44 1.37 0.00	38.35 1.40 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	38.61 0.94 0.00	35.45 0.73 0.00	34.62 0.38 0.00	35.11 0.35 0.00	36.06 0.98 0.00	40.17 1.88 0.00	48.83 1.38 0.00	51.18 0.00 0.00	50.18 -0.46 0.00	43.20 -0.17 0.00	41.28 0.21 0.00	35.97 0.39 0.00	34.36 0.07 0.00	34.28 0.07 0.00	33.10 0.03 0.00	32.49 -0.07 0.00	32.74 -0.46 0.00	36.63 -0.75 0.00	43.44 -0.89 0.00	54.48 -0.77 0.00	50.69 -0.82 0.00	43.78 -0.67 0.00	38.80 -0.27 0.00	37.16 0.22 0.00

SAWYER___23_KV_LOAD 55526	38.61 0.94 0.00	35.45 0.73 0.00	34.62 0.38 0.00	35.11 0.35 0.00	36.06 0.98 0.00	40.17 1.88 0.00	48.83 1.38 0.00	51.18 0.00 0.00	50.18 -0.46 0.00	43.20 -0.17 0.00	41.28 0.21 0.00	35.97 0.39 0.00	34.36 0.07 0.00	34.28 0.07 0.00	33.10 0.03 0.00	32.49 -0.07 0.00	32.74 -0.46 0.00	36.63 -0.75 0.00	43.44 -0.89 0.00	54.48 -0.77 0.00	50.69 -0.82 0.00	43.78 -0.67 0.00	38.80 -0.27 0.00	37.16 0.22 0.00
SELKIRK___I 23801	38.54 0.87 0.00	35.52 0.80 0.00	35.10 0.86 0.00	35.59 0.83 0.00	35.78 0.70 0.00	38.79 0.50 0.00	48.26 0.81 0.00	52.15 0.97 0.00	51.45 0.81 0.00	44.03 0.65 0.00	41.61 0.53 0.00	36.01 0.43 0.00	34.80 0.52 0.00	34.73 0.51 0.00	33.56 0.50 0.00	33.07 0.52 0.00	33.74 0.53 0.00	37.98 0.60 0.00	45.39 1.06 0.00	56.64 1.38 0.00	52.75 1.23 0.00	45.47 1.02 0.00	39.86 0.78 0.00	37.61 0.67 0.00
SELKIRK___II 23799	38.31 0.64 0.00	35.31 0.59 0.00	34.86 0.62 0.00	35.35 0.59 0.00	35.53 0.45 0.00	38.52 0.23 0.00	47.98 0.52 0.00	51.90 0.72 0.00	51.30 0.66 0.00	43.98 0.61 0.00	41.61 0.53 0.00	36.04 0.46 0.00	34.87 0.58 0.00	34.83 0.62 0.00	33.66 0.60 0.00	33.17 0.62 0.00	33.81 0.60 0.00	37.98 0.60 0.00	45.26 0.93 0.00	56.42 1.16 0.00	52.49 0.98 0.00	45.29 0.84 0.00	39.66 0.59 0.00	37.39 0.44 0.00
SENECA OSWGO___HYD 24041	37.45 -0.22 0.00	34.48 -0.24 0.00	33.97 -0.28 0.00	34.48 -0.28 0.00	34.84 -0.24 0.00	38.14 -0.15 0.00	46.98 -0.47 0.00	50.67 -0.51 0.00	49.98 -0.66 0.00	42.77 -0.61 0.00	40.50 -0.58 0.00	35.09 -0.50 0.00	33.74 -0.55 0.00	33.66 -0.55 0.00	32.54 -0.53 0.00	32.00 -0.55 0.00	32.58 -0.63 0.00	36.64 -0.75 0.00	43.44 -0.89 0.00	54.20 -1.05 0.00	50.59 -0.93 0.00	43.65 -0.80 0.00	38.45 -0.63 0.00	36.46 -0.48 0.00
SENECA___115KV_TB3 355854	38.99 1.32 0.00	35.83 1.11 0.00	35.03 0.79 0.00	35.49 0.73 0.00	36.48 1.40 0.00	40.55 2.26 0.00	49.45 1.99 0.00	51.85 0.67 0.00	50.89 0.25 0.00	43.72 0.35 0.00	41.77 0.70 0.00	36.37 0.78 0.00	34.73 0.45 0.00	34.62 0.41 0.00	33.43 0.36 0.00	32.81 0.26 0.00	33.08 -0.13 0.00	37.05 -0.34 0.00	43.97 -0.35 0.00	55.14 -0.11 0.00	51.36 -0.15 0.00	44.22 -0.22 0.00	39.15 0.08 0.00	37.53 0.59 0.00
SENECA___ENERGY 23797	38.20 0.53 0.00	35.14 0.42 0.00	34.55 0.31 0.00	35.11 0.35 0.00	35.64 0.56 0.00	39.17 0.88 0.00	48.31 0.86 0.00	51.95 0.77 0.00	51.04 0.40 0.00	43.55 0.17 0.00	41.24 0.16 0.00	35.73 0.14 0.00	34.25 -0.03 0.00	34.18 -0.03 0.00	32.97 -0.10 0.00	32.42 -0.13 0.00	32.98 -0.23 0.00	37.12 -0.26 0.00	44.24 -0.09 0.00	55.20 -0.06 0.00	51.61 0.10 0.00	44.49 0.04 0.00	39.11 0.04 0.00	37.13 0.19 0.00
SHOEMAKER___GT 23640	38.77 1.09 0.00	35.66 0.94 0.00	35.10 0.86 0.00	35.52 0.76 0.00	35.71 0.63 0.00	38.90 0.61 0.00	48.69 1.23 0.00	52.72 1.53 0.00	52.06 1.42 0.00	44.76 1.39 0.00	42.47 1.40 0.00	36.79 1.21 0.00	35.45 1.17 0.00	35.38 1.16 0.00	34.22 1.16 0.00	33.76 1.21 0.00	34.37 1.16 0.00	38.73 1.34 0.00	46.05 1.73 0.00	57.35 2.10 0.00	53.31 1.80 0.00	46.00 1.55 0.00	40.21 1.13 0.00	37.72 0.78 0.00
SHOEMAKR_138KV_BK 111 55601	38.77 1.09 0.00	35.66 0.94 0.00	35.10 0.86 0.00	35.52 0.76 0.00	35.68 0.60 0.00	38.98 0.69 0.00	48.69 1.23 0.00	52.82 1.64 0.00	52.11 1.47 0.00	44.81 1.43 0.00	42.47 1.40 0.00	36.83 1.25 0.00	35.49 1.20 0.00	35.38 1.16 0.00	34.23 1.16 0.00	33.76 1.20 0.00	34.37 1.16 0.00	38.73 1.35 0.00	45.88 1.55 0.00	57.13 1.88 0.00	53.16 1.65 0.00	45.82 1.38 0.00	40.09 1.02 0.00	37.61 0.66 0.00
SHOREHAM_IC_1 23715	39.37 1.70 0.00	35.59 0.87 0.00	35.31 1.06 0.00	35.63 0.87 0.00	35.29 0.21 0.00	38.25 -0.04 0.00	49.40 1.95 0.00	52.87 1.69 0.00	53.28 2.63 -0.01	46.47 3.08 -0.01	43.91 2.83 -0.01	39.32 2.74 -0.99	36.66 2.36 -0.01	36.58 2.36 -0.01	34.59 1.52 0.00	34.28 1.72 0.00	34.97 1.76 0.00	39.19 1.79 -0.01	46.68 2.35 -0.01	57.57 2.32 0.00	53.36 1.85 0.00	46.63 2.18 -0.01	40.64 1.56 0.00	37.61 0.67 0.00
SHOREHAM_IC_2 23716	39.37 1.70 0.00	35.59 0.87 0.00	35.31 1.06 0.00	35.63 0.87 0.00	35.29 0.21 0.00	38.25 -0.04 0.00	49.40 1.95 0.00	52.87 1.69 0.00	53.28 2.63 -0.01	46.47 3.08 -0.01	43.91 2.83 -0.01	39.32 2.74 -0.99	36.66 2.36 -0.01	36.58 2.36 -0.01	34.59 1.52 0.00	34.28 1.72 0.00	34.97 1.76 0.00	39.19 1.79 -0.01	46.68 2.35 -0.01	57.57 2.32 0.00	53.36 1.85 0.00	46.63 2.18 -0.01	40.64 1.56 0.00	37.61 0.67 0.00
SISSONVILLE____ 23735	36.24 -1.43 0.00	33.61 -1.11 0.00	33.18 -1.06 0.00	33.78 -0.97 0.00	34.10 -0.98 0.00	37.30 -1.00 0.00	46.37 -1.09 0.00	50.00 -1.18 0.00	49.63 -1.01 0.00	42.34 -1.04 0.00	39.96 -1.11 0.00	34.52 -1.07 0.00	33.22 -1.06 0.00	33.19 -1.03 0.00	32.11 -0.96 0.00	31.61 -0.94 0.00	32.48 -0.73 0.00	36.71 -0.67 0.00	43.53 -0.80 0.00	54.32 -0.94 0.00	50.74 -0.77 0.00	43.82 -0.62 0.00	38.57 -0.51 0.00	36.42 -0.52 0.00
SITHE_IND_GS1 24169	37.18 -0.49 0.00	34.24 -0.49 0.00	33.73 -0.51 0.00	34.24 -0.52 0.00	34.62 -0.46 0.00	37.87 -0.42 0.00	46.61 -0.85 0.00	50.16 -1.02 0.00	49.53 -1.11 0.00	42.42 -0.95 0.00	40.17 -0.90 0.00	34.83 -0.75 0.00	33.53 -0.75 0.00	33.46 -0.75 0.00	32.34 -0.73 0.00	31.81 -0.75 0.00	32.41 -0.80 0.00	36.41 -0.97 0.00	43.08 -1.24 0.00	53.77 -1.49 0.00	50.12 -1.39 0.00	43.25 -1.20 0.00	38.10 -0.98 0.00	36.20 -0.74 0.00
SITHE_IND_GS2 24170	37.18 -0.49 0.00	34.24 -0.49 0.00	33.73 -0.51 0.00	34.24 -0.52 0.00	34.62 -0.46 0.00	37.87 -0.42 0.00	46.61 -0.85 0.00	50.16 -1.02 0.00	49.53 -1.11 0.00	42.42 -0.95 0.00	40.17 -0.90 0.00	34.83 -0.75 0.00	33.53 -0.75 0.00	33.46 -0.75 0.00	32.34 -0.73 0.00	31.81 -0.75 0.00	32.41 -0.80 0.00	36.41 -0.97 0.00	43.08 -1.24 0.00	53.77 -1.49 0.00	50.12 -1.39 0.00	43.25 -1.20 0.00	38.10 -0.98 0.00	36.20 -0.74 0.00
SITHE_IND_GS3 24171	37.18 -0.49 0.00	34.24 -0.49 0.00	33.73 -0.51 0.00	34.24 -0.52 0.00	34.62 -0.46 0.00	37.87 -0.42 0.00	46.61 -0.85 0.00	50.16 -1.02 0.00	49.53 -1.11 0.00	42.42 -0.95 0.00	40.17 -0.90 0.00	34.83 -0.75 0.00	33.53 -0.75 0.00	33.46 -0.75 0.00	32.34 -0.73 0.00	31.81 -0.75 0.00	32.41 -0.80 0.00	36.41 -0.97 0.00	43.08 -1.24 0.00	53.77 -1.49 0.00	50.12 -1.39 0.00	43.25 -1.20 0.00	38.10 -0.98 0.00	36.20 -0.74 0.00
SITHE_IND_GS4 24172	37.18 -0.49 0.00	34.24 -0.49 0.00	33.73 -0.51 0.00	34.24 -0.52 0.00	34.62 -0.46 0.00	37.87 -0.42 0.00	46.61 -0.85 0.00	50.16 -1.02 0.00	49.53 -1.11 0.00	42.42 -0.95 0.00	40.17 -0.90 0.00	34.83 -0.75 0.00	33.53 -0.75 0.00	33.46 -0.75 0.00	32.34 -0.73 0.00	31.81 -0.75 0.00	32.41 -0.80 0.00	36.41 -0.97 0.00	43.08 -1.24 0.00	53.77 -1.49 0.00	50.12 -1.39 0.00	43.25 -1.20 0.00	38.10 -0.98 0.00	36.20 -0.74 0.00

SITHE___BATAVIA 24024	39.37 1.70 0.00	36.15 1.42 0.00	35.34 1.10 0.00	35.87 1.11 0.00	36.80 1.72 0.00	40.90 2.61 0.00	50.11 2.66 0.00	53.64 2.46 0.00	52.46 1.82 0.00	44.85 1.48 0.00	42.55 1.48 0.00	36.79 1.21 0.00	34.70 0.41 0.00	34.62 0.41 0.00	33.47 0.40 0.00	32.81 0.26 0.00	33.21 0.00 0.00	37.27 -0.11 0.00	44.46 0.13 0.00	55.97 0.72 0.00	52.23 0.72 0.00	44.93 0.49 0.00	39.78 0.70 0.00	37.90 0.96 0.00
SITHE___INDEPEND 23800	37.18 -0.49 0.00	34.24 -0.49 0.00	33.73 -0.51 0.00	34.24 -0.52 0.00	34.62 -0.46 0.00	37.79 -0.50 0.00	46.56 -0.90 0.00	50.11 -1.07 0.00	49.53 -1.11 0.00	42.42 -0.95 0.00	40.17 -0.90 0.00	34.84 -0.75 0.00	33.53 -0.75 0.00	33.46 -0.75 0.00	32.34 -0.73 0.00	31.84 -0.72 0.00	32.41 -0.80 0.00	36.41 -0.97 0.00	43.22 -1.11 0.00	53.93 -1.33 0.00	50.27 -1.24 0.00	43.38 -1.07 0.00	38.22 -0.86 0.00	36.31 -0.63 0.00
SITHE___MASSENA 23902	37.45 -0.22 0.00	34.69 -0.03 0.00	34.24 0.00 0.00	34.79 0.03 0.00	35.18 0.11 0.00	38.41 0.12 0.00	47.70 0.24 0.00	51.39 0.21 0.00	51.00 0.36 0.00	43.64 0.26 0.00	41.24 0.16 0.00	35.65 0.07 0.00	34.32 0.03 0.00	34.28 0.07 0.00	33.17 0.10 0.00	32.62 0.07 0.00	33.44 0.23 0.00	37.76 0.37 0.00	44.68 0.35 0.00	55.64 0.39 0.00	51.97 0.46 0.00	44.84 0.40 0.00	39.55 0.47 0.00	37.39 0.44 0.00
SITHE___OGDNSBRG 24021	37.45 -0.23 0.00	34.72 0.00 0.00	34.28 0.03 0.00	34.90 0.14 0.00	35.22 0.14 0.00	38.52 0.23 0.00	47.84 0.38 0.00	51.49 0.31 0.00	50.99 0.35 0.00	43.38 0.00 0.00	40.95 -0.12 0.00	35.33 -0.25 0.00	34.01 -0.27 0.00	33.97 -0.24 0.00	32.87 -0.20 0.00	32.36 -0.20 0.00	33.27 0.07 0.00	37.64 0.26 0.00	44.68 0.35 0.00	55.81 0.55 0.00	52.18 0.67 0.00	45.07 0.62 0.00	39.66 0.59 0.00	37.46 0.52 0.00
SITHE___STERLING 23777	38.50 0.83 0.00	35.48 0.76 0.00	35.03 0.79 0.00	35.56 0.80 0.00	35.89 0.81 0.00	39.25 0.96 0.00	48.65 1.19 0.00	52.51 1.33 0.00	51.85 1.21 0.00	44.07 0.69 0.00	41.69 0.62 0.00	36.01 0.43 0.00	34.67 0.38 0.00	34.55 0.34 0.00	33.40 0.33 0.00	32.91 0.36 0.00	33.57 0.37 0.00	37.87 0.48 0.00	45.17 0.84 0.00	56.47 1.21 0.00	52.64 1.13 0.00	45.47 1.02 0.00	39.97 0.90 0.00	37.72 0.78 0.00
SLEIGHT__34_KV_TB1 80719	38.01 0.34 0.00	34.96 0.24 0.00	34.38 0.14 0.00	34.93 0.17 0.00	35.50 0.42 0.00	39.09 0.80 0.00	48.08 0.62 0.00	51.49 0.31 0.00	50.74 0.10 0.00	43.42 0.04 0.00	41.20 0.12 0.00	35.69 0.11 0.00	34.22 -0.07 0.00	34.11 -0.10 0.00	32.94 -0.13 0.00	32.36 -0.20 0.00	32.81 -0.40 0.00	36.90 -0.49 0.00	43.97 -0.35 0.00	54.98 -0.28 0.00	51.25 -0.26 0.00	44.27 -0.18 0.00	39.00 -0.08 0.00	36.98 0.04 0.00
SOUTH CAIRO___GT 23612	39.37 1.70 0.00	36.21 1.49 0.00	35.72 1.47 0.00	36.18 1.43 0.00	36.38 1.30 0.00	39.59 1.30 0.00	49.26 1.80 0.00	53.23 2.05 0.00	51.96 1.32 0.00	44.37 1.00 0.00	41.73 0.66 0.00	36.05 0.46 0.00	34.80 0.51 0.00	34.76 0.55 0.00	33.66 0.60 0.00	33.20 0.65 0.00	33.97 0.76 0.00	38.35 0.97 0.00	45.92 1.60 0.00	57.91 2.65 0.00	53.73 2.21 0.00	46.22 1.78 0.00	40.48 1.41 0.00	38.16 1.22 0.00
SOUTH HAMPTN___IC 23720	39.48 1.81 0.00	35.73 1.01 0.00	35.41 1.16 0.00	35.73 0.97 0.00	35.43 0.35 0.00	38.52 0.23 0.00	49.78 2.32 0.00	53.38 2.20 0.00	53.69 3.04 -0.01	46.77 3.39 -0.01	44.16 3.08 -0.01	39.46 2.88 -0.99	36.73 2.43 -0.01	36.69 2.46 -0.01	34.72 1.65 0.00	34.44 1.89 0.00	35.10 1.89 0.00	39.41 2.02 -0.01	46.99 2.66 -0.01	58.02 2.76 0.00	53.72 2.21 0.00	46.90 2.44 -0.01	40.91 1.84 0.00	37.90 0.96 0.00
SOUTHDOW_115KV_TB1 355954	40.20 2.52 0.00	37.05 2.33 0.00	36.26 2.02 0.00	36.84 2.09 0.00	37.82 2.74 0.00	42.04 3.75 0.00	51.68 4.22 0.00	54.56 3.38 0.00	53.53 2.89 0.00	45.72 2.34 0.00	43.58 2.51 0.00	37.83 2.24 0.00	36.04 1.75 0.00	35.92 1.71 0.00	34.65 1.59 0.00	33.95 1.40 0.00	34.30 1.10 0.00	38.50 1.12 0.00	45.74 1.42 0.00	57.41 2.15 0.00	53.31 1.80 0.00	45.73 1.29 0.00	40.17 1.09 0.00	38.23 1.29 0.00
SOUTHOLD_69_KV_BK 2 55809	39.44 1.77 0.00	36.08 1.35 0.00	35.30 1.06 0.00	35.59 0.83 0.00	35.32 0.25 0.00	38.60 0.31 0.00	50.16 2.71 0.00	53.95 2.76 0.00	53.89 3.24 -0.01	46.90 3.51 -0.01	44.16 3.08 -0.01	39.39 2.81 -0.99	36.46 2.16 -0.01	36.27 2.05 -0.01	34.59 1.52 0.00	34.31 1.76 0.00	34.97 1.76 0.00	39.30 1.91 -0.01	46.73 2.39 -0.01	57.85 2.60 0.00	53.57 2.06 0.00	46.54 2.09 -0.01	40.56 1.48 0.00	37.83 0.89 0.00
SOUTHOLD___IC 23719	39.37 1.70 0.00	35.62 0.90 0.00	35.31 1.06 0.00	35.59 0.83 0.00	35.33 0.25 0.00	38.48 0.19 0.00	49.92 2.47 0.00	53.64 2.46 0.00	53.89 3.24 -0.01	46.90 3.51 -0.01	44.16 3.08 -0.01	39.39 2.81 -0.99	36.56 2.26 -0.01	36.48 2.26 -0.01	34.59 1.52 0.00	34.34 1.79 0.00	34.97 1.76 0.00	39.33 1.94 -0.01	46.95 2.61 -0.01	58.18 2.93 0.00	53.72 2.21 0.00	46.81 2.35 -0.01	40.91 1.84 0.00	37.97 1.03 0.00
SOUTH_FORK_WT_PWR 323839	38.95 1.28 0.00	35.24 0.52 0.00	34.93 0.68 0.00	35.21 0.45 0.00	34.94 -0.14 0.00	38.06 -0.23 0.00	49.54 2.09 0.00	53.23 2.05 0.00	53.48 2.83 -0.01	46.55 3.16 -0.01	43.71 2.63 -0.01	39.00 2.42 -0.99	36.15 1.85 -0.01	36.03 1.81 -0.01	34.16 1.09 0.00	33.95 1.40 0.00	34.57 1.36 0.00	38.89 1.50 -0.01	46.42 2.08 -0.01	57.57 2.32 0.00	53.16 1.65 0.00	46.28 1.82 -0.01	40.44 1.37 0.00	37.64 0.70 0.00
SPIERFLS_115KV_TB 1 80737	40.01 2.34 0.00	36.77 2.05 0.00	36.26 2.02 0.00	36.88 2.12 0.00	36.94 1.86 0.00	40.43 2.14 0.00	50.50 3.04 0.00	54.66 3.48 0.00	53.93 3.29 0.00	45.98 2.60 0.00	43.25 2.18 0.00	37.26 1.67 0.00	35.73 1.44 0.00	35.62 1.40 0.00	34.39 1.32 0.00	33.86 1.30 0.00	34.64 1.43 0.00	39.21 1.83 0.00	46.81 2.48 0.00	58.68 3.43 0.00	54.65 3.14 0.00	46.98 2.53 0.00	41.19 2.11 0.00	38.68 1.74 0.00
ST LAWRENCE____ 23600	37.11 -0.56 0.00	34.34 -0.38 0.00	33.87 -0.38 0.00	34.44 -0.31 0.00	34.80 -0.28 0.00	37.98 -0.31 0.00	47.18 -0.28 0.00	50.83 -0.36 0.00	50.44 -0.20 0.00	43.20 -0.17 0.00	40.87 -0.20 0.00	35.34 -0.25 0.00	34.05 -0.24 0.00	34.01 -0.20 0.00	32.90 -0.16 0.00	32.36 -0.19 0.00	33.14 -0.07 0.00	37.38 0.00 0.00	44.19 -0.13 0.00	55.09 -0.17 0.00	51.41 -0.10 0.00	44.36 -0.09 0.00	39.08 0.00 0.00	36.94 0.00 0.00
STATE_CA_115KV_115_LB 55624	38.35 0.68 0.00	35.31 0.59 0.00	34.82 0.58 0.00	35.35 0.59 0.00	35.46 0.39 0.00	38.60 0.31 0.00	47.98 0.52 0.00	51.95 0.77 0.00	51.30 0.66 0.00	43.98 0.61 0.00	41.61 0.53 0.00	36.01 0.43 0.00	34.84 0.55 0.00	34.79 0.58 0.00	33.63 0.56 0.00	33.14 0.59 0.00	33.77 0.56 0.00	37.91 0.52 0.00	45.08 0.75 0.00	56.19 0.94 0.00	52.33 0.82 0.00	45.07 0.62 0.00	39.51 0.43 0.00	37.16 0.22 0.00

STATE_ST_34_KV_LOAD 55959	38.24 0.57 0.00	35.17 0.45 0.00	34.65 0.41 0.00	35.21 0.45 0.00	35.68 0.60 0.00	39.06 0.77 0.00	48.26 0.81 0.00	51.95 0.77 0.00	51.25 0.61 0.00	43.72 0.35 0.00	41.44 0.37 0.00	35.90 0.32 0.00	34.49 0.21 0.00	34.38 0.17 0.00	33.17 0.10 0.00	32.65 0.10 0.00	33.21 0.00 0.00	37.42 0.04 0.00	44.59 0.27 0.00	55.64 0.39 0.00	51.87 0.36 0.00	44.80 0.36 0.00	39.43 0.35 0.00	37.35 0.41 0.00
STATION 5_MISC_HYD 23604	38.47 0.79 0.00	35.31 0.59 0.00	34.62 0.38 0.00	35.14 0.38 0.00	35.85 0.77 0.00	39.71 1.42 0.00	48.55 1.09 0.00	51.84 0.66 0.00	50.79 0.15 0.00	43.55 0.17 0.00	41.44 0.37 0.00	35.94 0.36 0.00	34.39 0.10 0.00	34.28 0.07 0.00	33.13 0.07 0.00	32.52 -0.03 0.00	32.98 -0.23 0.00	36.97 -0.41 0.00	43.93 -0.40 0.00	55.09 -0.17 0.00	51.41 -0.10 0.00	44.31 -0.13 0.00	39.11 0.04 0.00	37.20 0.26 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	38.50 0.83 0.00	35.45 0.73 0.00	34.86 0.62 0.00	35.42 0.66 0.00	36.03 0.95 0.00	39.67 1.38 0.00	48.79 1.33 0.00	52.20 1.02 0.00	51.45 0.81 0.00	43.98 0.61 0.00	41.73 0.66 0.00	36.08 0.50 0.00	34.60 0.31 0.00	34.49 0.27 0.00	33.30 0.23 0.00	32.75 0.20 0.00	33.24 0.03 0.00	37.42 0.04 0.00	44.64 0.31 0.00	55.81 0.55 0.00	52.03 0.52 0.00	44.93 0.49 0.00	39.54 0.47 0.00	37.50 0.55 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.12 0.45 0.00	35.03 0.31 0.00	34.38 0.14 0.00	34.93 0.17 0.00	35.61 0.53 0.00	39.32 1.03 0.00	48.17 0.71 0.00	51.28 0.10 0.00	50.54 -0.10 0.00	43.33 -0.04 0.00	41.20 0.12 0.00	35.73 0.14 0.00	34.22 -0.07 0.00	34.14 -0.07 0.00	32.97 -0.10 0.00	32.39 -0.16 0.00	32.81 -0.40 0.00	36.86 -0.52 0.00	43.84 -0.49 0.00	54.87 -0.39 0.00	51.10 -0.41 0.00	44.13 -0.31 0.00	38.96 -0.12 0.00	37.02 0.07 0.00
STA_56___34_KV_BUS2 355983	38.12 0.45 0.00	35.03 0.31 0.00	34.38 0.14 0.00	34.93 0.17 0.00	35.61 0.53 0.00	39.32 1.03 0.00	48.17 0.71 0.00	51.28 0.10 0.00	50.54 -0.10 0.00	43.33 -0.04 0.00	41.20 0.12 0.00	35.73 0.14 0.00	34.22 -0.07 0.00	34.14 -0.07 0.00	32.97 -0.10 0.00	32.39 -0.16 0.00	32.81 -0.40 0.00	36.86 -0.52 0.00	43.84 -0.49 0.00	54.87 -0.39 0.00	51.10 -0.41 0.00	44.13 -0.31 0.00	38.96 -0.12 0.00	37.02 0.07 0.00
STA_67___115KV_BK2 355882	38.31 0.64 0.00	35.21 0.49 0.00	34.55 0.31 0.00	35.07 0.31 0.00	35.78 0.70 0.00	39.55 1.26 0.00	48.41 0.95 0.00	51.49 0.31 0.00	50.64 0.00 0.00	43.46 0.09 0.00	41.36 0.29 0.00	35.87 0.28 0.00	34.36 0.07 0.00	34.25 0.03 0.00	33.07 0.00 0.00	32.52 -0.03 0.00	32.91 -0.30 0.00	36.93 -0.45 0.00	43.93 -0.40 0.00	55.03 -0.22 0.00	51.25 -0.26 0.00	44.27 -0.18 0.00	39.08 0.00 0.00	37.16 0.22 0.00
STA_7___115KV_9TRANS 80674	38.54 0.87 0.00	35.42 0.69 0.00	34.76 0.51 0.00	35.28 0.52 0.00	35.99 0.91 0.00	39.82 1.53 0.00	48.74 1.28 0.00	51.85 0.67 0.00	51.04 0.41 0.00	43.77 0.39 0.00	41.65 0.58 0.00	36.08 0.50 0.00	34.56 0.27 0.00	34.45 0.24 0.00	33.27 0.20 0.00	32.72 0.16 0.00	33.11 -0.10 0.00	37.20 -0.19 0.00	44.28 -0.04 0.00	55.48 0.22 0.00	51.67 0.15 0.00	44.58 0.13 0.00	39.35 0.27 0.00	37.39 0.44 0.00
STA_82___115KV_TB1 80780	38.31 0.64 0.00	35.21 0.49 0.00	34.55 0.31 0.00	35.07 0.31 0.00	35.78 0.70 0.00	39.55 1.26 0.00	48.41 0.95 0.00	51.49 0.31 0.00	50.69 0.05 0.00	43.46 0.09 0.00	41.36 0.29 0.00	35.87 0.28 0.00	34.36 0.07 0.00	34.25 0.03 0.00	33.07 0.00 0.00	32.52 -0.03 0.00	32.91 -0.30 0.00	36.93 -0.45 0.00	43.97 -0.35 0.00	55.03 -0.22 0.00	51.25 -0.26 0.00	44.27 -0.18 0.00	39.08 0.00 0.00	37.16 0.22 0.00
STEEL___WIND 323596	39.10 1.43 0.00	35.87 1.14 0.00	35.00 0.75 0.00	35.49 0.73 0.00	36.45 1.37 0.00	40.59 2.30 0.00	49.45 1.99 0.00	52.20 1.02 0.00	50.84 0.20 0.00	43.68 0.31 0.00	41.73 0.66 0.00	36.33 0.75 0.00	34.60 0.31 0.00	34.55 0.34 0.00	33.40 0.33 0.00	32.72 0.16 0.00	33.04 -0.17 0.00	36.94 -0.45 0.00	43.84 -0.49 0.00	55.09 -0.17 0.00	51.41 -0.10 0.00	44.18 -0.27 0.00	39.11 0.04 0.00	37.50 0.55 0.00
STEPHTWN_115KV_BK_2 55603	38.58 0.90 0.00	35.49 0.76 0.00	35.03 0.79 0.00	35.52 0.76 0.00	35.68 0.60 0.00	38.83 0.54 0.00	48.31 0.85 0.00	52.31 1.13 0.00	51.60 0.96 0.00	44.20 0.82 0.00	41.77 0.70 0.00	36.15 0.57 0.00	34.94 0.65 0.00	34.93 0.72 0.00	33.76 0.69 0.00	33.27 0.72 0.00	33.94 0.73 0.00	38.09 0.71 0.00	45.34 1.02 0.00	56.58 1.33 0.00	52.70 1.18 0.00	45.38 0.93 0.00	39.74 0.66 0.00	37.39 0.44 0.00
STEUBEN_REC_LFGE 323667	38.88 1.21 0.00	35.90 1.18 0.00	35.30 1.06 0.00	35.90 1.15 0.00	36.73 1.65 0.00	40.70 2.41 0.00	50.07 2.61 0.00	53.08 1.89 0.00	51.86 1.22 0.00	44.11 0.74 0.00	41.81 0.74 0.00	36.26 0.68 0.00	34.70 0.41 0.00	34.62 0.41 0.00	33.33 0.26 0.00	32.78 0.23 0.00	33.27 0.07 0.00	37.57 0.19 0.00	45.17 0.84 0.00	56.58 1.33 0.00	52.70 1.18 0.00	45.47 1.02 0.00	39.94 0.86 0.00	37.98 1.03 0.00
STILLWATER___SOLAR 323814	39.67 2.00 0.00	36.49 1.77 0.00	35.99 1.75 0.00	36.56 1.81 0.00	36.69 1.61 0.00	39.94 1.65 0.00	49.92 2.47 0.00	53.99 2.81 0.00	53.27 2.63 0.00	45.46 2.08 0.00	42.84 1.76 0.00	36.94 1.35 0.00	35.52 1.23 0.00	35.44 1.23 0.00	34.22 1.16 0.00	33.82 1.27 0.00	34.57 1.36 0.00	39.10 1.72 0.00	46.54 2.22 0.00	58.18 2.93 0.00	54.19 2.68 0.00	46.62 2.18 0.00	40.87 1.80 0.00	38.42 1.48 0.00
STONY___BROOK 24151	39.74 2.07 0.00	36.15 1.42 0.00	35.68 1.44 0.00	36.01 1.25 0.00	35.85 0.77 0.00	39.06 0.77 0.00	50.11 2.66 0.00	53.89 2.71 0.00	53.99 3.34 -0.01	46.73 3.34 -0.01	44.20 3.12 -0.01	39.43 2.85 -1.00	36.94 2.64 -0.01	36.86 2.63 -0.01	35.15 2.08 0.00	34.83 2.28 0.00	35.53 2.32 0.00	40.01 2.62 -0.01	47.57 3.23 -0.01	58.63 3.37 0.00	54.34 2.83 0.00	47.48 3.02 -0.01	41.38 2.30 0.00	38.31 1.37 0.00
STURGEON_POOL_HYD 23609	39.10 1.43 0.00	35.94 1.22 0.00	35.37 1.13 0.00	35.77 1.01 0.00	35.92 0.84 0.00	39.17 0.88 0.00	49.07 1.61 0.00	53.28 2.10 0.00	52.46 1.82 0.00	45.20 1.82 0.00	42.84 1.77 0.00	37.11 1.53 0.00	35.76 1.47 0.00	35.68 1.47 0.00	34.56 1.49 0.00	34.08 1.53 0.00	34.70 1.49 0.00	39.06 1.68 0.00	46.28 1.95 0.00	57.63 2.38 0.00	53.57 2.06 0.00	46.18 1.73 0.00	40.36 1.29 0.00	37.87 0.92 0.00
ST_LAW_115_BK7_LBMP 345037	37.11 -0.56 0.00	34.34 -0.38 0.00	33.87 -0.38 0.00	34.44 -0.31 0.00	34.80 -0.28 0.00	37.98 -0.31 0.00	47.13 -0.33 0.00	50.77 -0.41 0.00	50.44 -0.20 0.00	43.20 -0.17 0.00	40.83 -0.24 0.00	35.34 -0.25 0.00	34.05 -0.24 0.00	34.01 -0.20 0.00	32.87 -0.20 0.00	32.36 -0.19 0.00	33.14 -0.07 0.00	37.38 0.00 0.00	44.19 -0.13 0.00	55.09 -0.17 0.00	51.41 -0.10 0.00	44.36 -0.09 0.00	39.11 0.04 0.00	36.94 0.00 0.00

ST_LAW_115_BK8_LBMP 345038	37.11 -0.56 0.00	34.34 -0.38 0.00	33.87 -0.38 0.00	34.44 -0.31 0.00	34.80 -0.28 0.00	37.98 -0.31 0.00	47.13 -0.33 0.00	50.77 -0.41 0.00	50.44 -0.20 0.00	43.20 -0.17 0.00	40.83 -0.24 0.00	35.34 -0.25 0.00	34.05 -0.24 0.00	34.01 -0.20 0.00	32.87 -0.20 0.00	32.36 -0.19 0.00	33.14 -0.07 0.00	37.38 0.00 0.00	44.19 -0.13 0.00	55.09 -0.17 0.00	51.41 -0.10 0.00	44.36 -0.09 0.00	39.11 0.04 0.00	36.94 0.00 0.00
ST_LAW_230_BK5_LBMP 345035	37.11 -0.56 0.00	34.34 -0.38 0.00	33.87 -0.38 0.00	34.44 -0.31 0.00	34.80 -0.28 0.00	37.98 -0.31 0.00	47.18 -0.28 0.00	50.83 -0.36 0.00	50.44 -0.20 0.00	43.20 -0.17 0.00	40.87 -0.20 0.00	35.34 -0.25 0.00	34.05 -0.24 0.00	34.01 -0.20 0.00	32.90 -0.16 0.00	32.36 -0.19 0.00	33.14 -0.07 0.00	37.38 0.00 0.00	44.19 -0.13 0.00	55.09 -0.17 0.00	51.41 -0.10 0.00	44.36 -0.09 0.00	39.08 0.00 0.00	36.94 0.00 0.00
ST_LAW_230_BK6_LBMP 345036	37.11 -0.56 0.00	34.34 -0.38 0.00	33.87 -0.38 0.00	34.44 -0.31 0.00	34.80 -0.28 0.00	37.98 -0.31 0.00	47.18 -0.28 0.00	50.83 -0.36 0.00	50.44 -0.20 0.00	43.20 -0.17 0.00	40.87 -0.20 0.00	35.34 -0.25 0.00	34.05 -0.24 0.00	34.01 -0.20 0.00	32.90 -0.16 0.00	32.36 -0.19 0.00	33.14 -0.07 0.00	37.38 0.00 0.00	44.19 -0.13 0.00	55.09 -0.17 0.00	51.41 -0.10 0.00	44.36 -0.09 0.00	39.08 0.00 0.00	36.94 0.00 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.88 1.21 0.00	35.73 1.01 0.00	35.13 0.89 0.00	35.56 0.80 0.00	35.71 0.63 0.00	39.02 0.73 0.00	48.83 1.38 0.00	53.02 1.84 0.00	52.36 1.72 0.00	45.03 1.65 0.00	42.72 1.64 0.00	37.01 1.42 0.00	35.66 1.37 0.00	35.58 1.37 0.00	34.42 1.36 0.00	33.95 1.40 0.00	34.57 1.36 0.00	38.95 1.57 0.00	46.10 1.77 0.00	57.35 2.10 0.00	53.37 1.85 0.00	46.00 1.56 0.00	40.21 1.13 0.00	37.68 0.74 0.00
SWANROAD_115KV_TB1 355699	37.90 0.23 0.00	34.83 0.10 0.00	34.04 -0.21 0.00	34.48 -0.28 0.00	35.46 0.39 0.00	39.40 1.11 0.00	47.84 0.38 0.00	50.06 -1.13 0.00	49.02 -1.62 0.00	42.25 -1.13 0.00	40.42 -0.66 0.00	35.19 -0.39 0.00	33.64 -0.65 0.00	33.56 -0.65 0.00	32.41 -0.66 0.00	31.84 -0.72 0.00	32.05 -1.16 0.00	35.85 -1.53 0.00	42.51 -1.82 0.00	53.32 -1.93 0.00	49.60 -1.91 0.00	42.89 -1.56 0.00	38.06 -1.02 0.00	36.46 -0.48 0.00
SYNERGY___BIOGAS 323694	39.37 1.70 0.00	36.15 1.42 0.00	35.34 1.10 0.00	35.87 1.11 0.00	36.80 1.72 0.00	40.90 2.61 0.00	50.11 2.66 0.00	53.64 2.46 0.00	52.46 1.82 0.00	44.85 1.48 0.00	42.55 1.48 0.00	36.79 1.21 0.00	34.70 0.41 0.00	34.62 0.41 0.00	33.47 0.40 0.00	32.81 0.26 0.00	33.21 0.00 0.00	37.27 -0.11 0.00	44.46 0.13 0.00	55.97 0.72 0.00	52.23 0.72 0.00	44.93 0.49 0.00	39.78 0.70 0.00	37.90 0.96 0.00
SYRACUSE___ENERGY_ST1 323597	38.05 0.38 0.00	35.03 0.31 0.00	34.52 0.27 0.00	35.04 0.28 0.00	35.43 0.35 0.00	38.71 0.42 0.00	47.84 0.38 0.00	51.54 0.36 0.00	50.84 0.20 0.00	43.51 0.13 0.00	41.20 0.12 0.00	35.73 0.14 0.00	34.32 0.03 0.00	34.25 0.03 0.00	33.07 0.00 0.00	32.52 -0.03 0.00	33.11 -0.10 0.00	37.23 -0.15 0.00	44.33 0.00 0.00	55.25 0.00 0.00	51.51 0.00 0.00	44.49 0.04 0.00	39.15 0.08 0.00	37.13 0.18 0.00
SYRACUSE___ENERGY_ST2 323598	38.05 0.38 0.00	35.03 0.31 0.00	34.52 0.27 0.00	35.04 0.28 0.00	35.43 0.35 0.00	38.71 0.42 0.00	47.84 0.38 0.00	51.54 0.36 0.00	50.84 0.20 0.00	43.51 0.13 0.00	41.20 0.12 0.00	35.73 0.14 0.00	34.32 0.03 0.00	34.25 0.03 0.00	33.07 0.00 0.00	32.52 -0.03 0.00	33.11 -0.10 0.00	37.23 -0.15 0.00	44.33 0.00 0.00	55.25 0.00 0.00	51.51 0.00 0.00	44.49 0.04 0.00	39.15 0.08 0.00	37.13 0.18 0.00
SYRACUSE___POWER 24017	37.97 0.30 0.00	34.93 0.21 0.00	34.41 0.17 0.00	34.97 0.21 0.00	35.36 0.28 0.00	38.64 0.34 0.00	47.74 0.28 0.00	51.44 0.26 0.00	50.74 0.10 0.00	43.42 0.04 0.00	41.11 0.04 0.00	35.65 0.07 0.00	34.29 0.00 0.00	34.18 -0.03 0.00	33.00 -0.07 0.00	32.49 -0.07 0.00	33.08 -0.13 0.00	37.20 -0.19 0.00	44.24 -0.09 0.00	55.20 -0.06 0.00	51.46 -0.05 0.00	44.45 0.00 0.00	39.08 0.00 0.00	37.05 0.11 0.00
TALLMAN___138KV_BK151 55660	39.03 1.36 0.00	35.87 1.15 0.00	35.24 0.99 0.00	35.66 0.90 0.00	35.78 0.70 0.00	39.13 0.84 0.00	49.07 1.61 0.00	53.33 2.15 0.00	52.67 2.03 0.00	45.37 2.00 0.00	43.00 1.93 0.00	37.29 1.71 0.00	35.93 1.65 0.00	35.85 1.64 0.00	34.65 1.59 0.00	34.21 1.66 0.00	34.80 1.59 0.00	39.21 1.83 0.00	46.36 2.04 0.00	57.58 2.32 0.00	53.67 2.16 0.00	46.22 1.78 0.00	40.40 1.33 0.00	37.83 0.89 0.00
TEALLAVE_115KV_TB7 355573	37.86 0.19 0.00	34.86 0.14 0.00	34.35 0.10 0.00	34.86 0.10 0.00	35.25 0.18 0.00	38.52 0.23 0.00	47.60 0.14 0.00	51.23 0.05 0.00	50.59 -0.05 0.00	43.29 -0.09 0.00	41.03 -0.04 0.00	35.55 -0.04 0.00	34.18 -0.10 0.00	34.11 -0.10 0.00	32.94 -0.13 0.00	32.42 -0.13 0.00	32.98 -0.23 0.00	37.08 -0.30 0.00	44.10 -0.22 0.00	54.98 -0.28 0.00	51.25 -0.26 0.00	44.27 -0.18 0.00	38.96 -0.12 0.00	36.94 0.00 0.00
TELGRAPH_34_KV_EAST 80808	38.65 0.98 0.00	35.52 0.80 0.00	34.72 0.48 0.00	35.24 0.49 0.00	36.17 1.09 0.00	40.21 1.91 0.00	48.83 1.38 0.00	51.28 0.10 0.00	50.29 -0.35 0.00	43.20 -0.17 0.00	41.28 0.21 0.00	35.87 0.28 0.00	34.29 0.00 0.00	34.21 0.00 0.00	33.03 -0.03 0.00	32.46 -0.10 0.00	32.74 -0.46 0.00	36.67 -0.71 0.00	43.62 -0.71 0.00	54.76 -0.50 0.00	51.00 -0.52 0.00	44.00 -0.44 0.00	39.00 -0.08 0.00	37.24 0.30 0.00
TEMPLE___115KV_TB 2 55572	37.90 0.23 0.00	34.86 0.14 0.00	34.38 0.14 0.00	34.90 0.14 0.00	35.29 0.21 0.00	38.56 0.27 0.00	47.60 0.14 0.00	51.28 0.10 0.00	50.64 0.00 0.00	43.33 -0.04 0.00	41.07 0.00 0.00	35.58 0.00 0.00	34.22 -0.07 0.00	34.14 -0.07 0.00	32.97 -0.10 0.00	32.46 -0.10 0.00	33.01 -0.20 0.00	37.12 -0.26 0.00	44.10 -0.22 0.00	55.03 -0.22 0.00	51.30 -0.21 0.00	44.31 -0.13 0.00	38.96 -0.12 0.00	36.98 0.04 0.00
TIANA____69_KV_BK 1 55817	39.59 1.92 0.00	36.21 1.49 0.00	35.44 1.20 0.00	35.77 1.01 0.00	35.46 0.39 0.00	38.67 0.38 0.00	50.02 2.56 0.00	53.69 2.51 0.00	53.64 2.99 -0.01	46.77 3.38 -0.01	44.16 3.08 -0.01	39.46 2.88 -0.99	36.66 2.37 -0.01	36.51 2.29 -0.01	34.79 1.72 0.00	34.44 1.89 0.00	35.13 1.93 0.00	39.45 2.06 -0.01	46.82 2.48 -0.01	57.74 2.49 0.00	53.62 2.11 0.00	46.68 2.22 -0.01	40.64 1.56 0.00	37.75 0.81 0.00
TILDEN___115KV_TB1 80814	37.97 0.30 0.00	34.93 0.21 0.00	34.41 0.17 0.00	34.97 0.21 0.00	35.36 0.28 0.00	38.64 0.34 0.00	47.74 0.28 0.00	51.44 0.26 0.00	50.74 0.10 0.00	43.42 0.04 0.00	41.11 0.04 0.00	35.65 0.07 0.00	34.29 0.00 0.00	34.18 -0.03 0.00	33.00 -0.07 0.00	32.49 -0.07 0.00	33.08 -0.13 0.00	37.20 -0.19 0.00	44.24 -0.09 0.00	55.20 -0.06 0.00	51.46 -0.05 0.00	44.45 0.00 0.00	39.08 0.00 0.00	37.05 0.11 0.00

TRIGEN___CC 323695	39.56 1.88 0.00	36.25 1.53 0.00	35.54 1.30 0.00	35.87 1.11 0.00	35.89 0.81 0.00	39.32 1.03 0.00	49.97 2.52 0.00	54.00 2.81 0.00	53.49 2.84 -0.02	46.08 2.69 -0.02	43.64 2.55 -0.02	39.64 2.28 -1.78	36.53 2.23 -0.02	36.42 2.19 -0.02	35.12 2.05 0.00	34.73 2.18 0.00	35.37 2.16 0.00	39.90 2.50 -0.02	47.09 2.75 -0.02	58.18 2.93 0.00	54.14 2.63 0.00	46.99 2.53 -0.02	40.99 1.91 0.00	38.20 1.26 0.00
TRINITY___115KV___4 BK 55933	38.24 0.57 0.00	35.21 0.49 0.00	34.76 0.51 0.00	35.24 0.49 0.00	35.39 0.32 0.00	38.52 0.23 0.00	47.84 0.38 0.00	51.80 0.61 0.00	51.10 0.46 0.00	43.85 0.48 0.00	41.44 0.37 0.00	35.90 0.32 0.00	34.73 0.45 0.00	34.73 0.51 0.00	33.56 0.50 0.00	33.07 0.52 0.00	33.71 0.50 0.00	37.83 0.45 0.00	44.95 0.62 0.00	56.03 0.77 0.00	52.13 0.62 0.00	44.93 0.49 0.00	39.35 0.27 0.00	37.05 0.11 0.00
UNION___PROCESSING_DRP 323587	38.31 0.64 0.00	35.21 0.49 0.00	34.55 0.31 0.00	35.07 0.31 0.00	35.78 0.70 0.00	39.55 1.26 0.00	48.41 0.95 0.00	51.49 0.31 0.00	50.69 0.05 0.00	43.51 0.13 0.00	41.36 0.29 0.00	35.87 0.28 0.00	34.36 0.07 0.00	34.28 0.07 0.00	33.10 0.03 0.00	32.52 -0.03 0.00	32.91 -0.30 0.00	36.97 -0.41 0.00	43.97 -0.35 0.00	55.03 -0.22 0.00	51.30 -0.21 0.00	44.27 -0.18 0.00	39.11 0.04 0.00	37.16 0.22 0.00
UPPER HUDSON___HYD 24058	40.01 2.34 0.00	36.77 2.05 0.00	36.26 2.02 0.00	36.88 2.12 0.00	36.94 1.86 0.00	40.32 2.03 0.00	50.45 2.99 0.00	54.61 3.43 0.00	53.93 3.29 0.00	45.98 2.60 0.00	43.25 2.18 0.00	37.26 1.67 0.00	35.73 1.44 0.00	35.62 1.40 0.00	34.39 1.32 0.00	33.89 1.34 0.00	34.64 1.43 0.00	39.25 1.87 0.00	46.94 2.61 0.00	58.84 3.59 0.00	54.81 3.30 0.00	47.11 2.67 0.00	41.30 2.23 0.00	38.79 1.85 0.00
UPPER RAQUET___HYD 24056	36.24 -1.43 0.00	33.61 -1.11 0.00	33.18 -1.06 0.00	33.78 -0.97 0.00	34.10 -0.98 0.00	37.26 -1.03 0.00	46.37 -1.09 0.00	50.01 -1.18 0.00	49.63 -1.01 0.00	42.34 -1.04 0.00	39.97 -1.11 0.00	34.52 -1.07 0.00	33.22 -1.06 0.00	33.19 -1.03 0.00	32.11 -0.96 0.00	31.61 -0.95 0.00	32.48 -0.73 0.00	36.71 -0.67 0.00	43.53 -0.80 0.00	54.31 -0.94 0.00	50.74 -0.77 0.00	43.82 -0.62 0.00	38.61 -0.47 0.00	36.42 -0.52 0.00
VALLEY44_115KV_TB2 355964	38.61 0.94 0.00	35.52 0.80 0.00	34.76 0.51 0.00	35.28 0.52 0.00	36.13 1.05 0.00	40.09 1.80 0.00	49.26 1.80 0.00	51.74 0.56 0.00	50.74 0.10 0.00	43.46 0.09 0.00	41.36 0.29 0.00	35.97 0.39 0.00	34.36 0.07 0.00	34.25 0.03 0.00	33.07 0.00 0.00	32.46 -0.10 0.00	32.84 -0.37 0.00	36.90 -0.49 0.00	43.88 -0.44 0.00	54.92 -0.33 0.00	51.20 -0.31 0.00	43.96 -0.49 0.00	38.76 -0.31 0.00	37.27 0.33 0.00
VALLEY___115KV_TB 1-4 80826	36.05 -1.62 0.00	33.26 -1.46 0.00	32.94 -1.30 0.00	33.47 -1.29 0.00	33.71 -1.37 0.00	36.87 -1.42 0.00	45.89 -1.57 0.00	49.80 -1.38 0.00	49.32 -1.32 0.00	42.08 -1.30 0.00	39.80 -1.27 0.00	34.44 -1.14 0.00	33.29 -0.99 0.00	33.22 -0.99 0.00	32.14 -0.93 0.00	31.74 -0.81 0.00	32.51 -0.70 0.00	36.71 -0.67 0.00	43.75 -0.58 0.00	54.65 -0.61 0.00	50.94 -0.57 0.00	44.13 -0.31 0.00	38.80 -0.27 0.00	36.57 -0.37 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.41 1.73 0.00	36.28 1.56 0.00	35.92 1.68 0.00	36.46 1.70 0.00	36.69 1.61 0.00	40.05 1.76 0.00	49.78 2.33 0.00	53.89 2.71 0.00	53.32 2.68 0.00	45.37 2.00 0.00	42.92 1.85 0.00	37.01 1.42 0.00	35.66 1.37 0.00	35.55 1.33 0.00	34.32 1.26 0.00	33.79 1.24 0.00	34.47 1.26 0.00	38.88 1.50 0.00	46.36 2.04 0.00	57.91 2.65 0.00	53.93 2.42 0.00	46.58 2.13 0.00	40.87 1.80 0.00	38.46 1.51 0.00
VISCHER___FERRY HYD 24020	38.91 1.24 0.00	35.87 1.14 0.00	35.34 1.10 0.00	35.87 1.11 0.00	36.06 0.98 0.00	39.17 0.88 0.00	48.93 1.47 0.00	52.87 1.69 0.00	52.21 1.57 0.00	44.72 1.35 0.00	42.26 1.19 0.00	36.54 0.96 0.00	35.28 0.99 0.00	35.21 0.99 0.00	34.03 0.96 0.00	33.56 1.01 0.00	34.24 1.03 0.00	38.58 1.20 0.00	46.01 1.68 0.00	57.35 2.10 0.00	53.42 1.91 0.00	46.00 1.55 0.00	40.29 1.21 0.00	37.90 0.96 0.00
V_A_10_SYNC_DSASP 323832	38.24 0.57 0.00	35.03 0.31 0.00	34.24 0.00 0.00	34.72 -0.03 0.00	35.57 0.49 0.00	39.59 1.30 0.00	48.12 0.66 0.00	51.03 -0.15 0.00	49.78 -0.86 0.00	42.86 -0.52 0.00	40.91 -0.16 0.00	35.58 0.00 0.00	34.01 -0.28 0.00	33.94 -0.27 0.00	32.80 -0.27 0.00	32.20 -0.36 0.00	32.51 -0.70 0.00	36.34 -1.05 0.00	43.13 -1.19 0.00	54.04 -1.22 0.00	50.48 -1.03 0.00	43.47 -0.98 0.00	38.53 -0.55 0.00	36.83 -0.11 0.00
V_CMM_10_SYNC_DSASP 323787	37.33 -0.34 0.00	34.55 -0.17 0.00	34.11 -0.14 0.00	34.65 -0.10 0.00	35.01 -0.07 0.00	38.25 -0.04 0.00	47.46 0.00 0.00	51.13 -0.05 0.00	50.74 0.10 0.00	43.46 0.09 0.00	41.11 0.04 0.00	35.55 -0.04 0.00	34.25 -0.03 0.00	34.18 -0.03 0.00	33.07 0.00 0.00	32.52 -0.03 0.00	33.34 0.13 0.00	37.61 0.23 0.00	44.46 0.13 0.00	55.37 0.11 0.00	51.72 0.21 0.00	44.62 0.18 0.00	39.35 0.28 0.00	37.20 0.26 0.00
V_CMP_10_SYNC_DSASP 323788	36.69 -0.98 0.00	34.10 -0.62 0.00	33.69 -0.55 0.00	34.34 -0.42 0.00	34.87 -0.21 0.00	38.21 -0.08 0.00	47.65 0.19 0.00	51.44 0.26 0.00	50.95 0.31 0.00	43.51 0.13 0.00	41.03 -0.04 0.00	35.44 -0.14 0.00	34.15 -0.14 0.00	34.14 -0.07 0.00	33.10 0.03 0.00	32.68 0.13 0.00	33.64 0.43 0.00	38.09 0.71 0.00	45.17 0.84 0.00	56.36 1.10 0.00	52.80 1.29 0.00	45.60 1.15 0.00	40.21 1.13 0.00	38.01 1.07 0.00
V_D_10_SYNC_DSASP 323841	37.45 -0.22 0.00	34.69 -0.03 0.00	34.24 0.00 0.00	34.79 0.03 0.00	35.18 0.11 0.00	38.41 0.12 0.00	47.70 0.24 0.00	51.39 0.21 0.00	51.00 0.36 0.00	43.64 0.26 0.00	41.24 0.16 0.00	35.65 0.07 0.00	34.36 0.07 0.00	34.28 0.07 0.00	33.17 0.10 0.00	32.62 0.07 0.00	33.47 0.26 0.00	37.76 0.37 0.00	44.68 0.35 0.00	55.64 0.39 0.00	51.97 0.46 0.00	44.84 0.40 0.00	39.55 0.47 0.00	37.39 0.44 0.00
V_E_10_SYNC_DSASP 323830	39.89 2.22 0.00	36.88 2.15 0.00	36.50 2.26 0.00	37.19 2.43 0.00	37.57 2.49 0.00	41.36 3.06 0.00	51.30 3.84 0.00	55.43 4.25 0.00	54.49 3.85 0.00	45.67 2.30 0.00	42.96 1.89 0.00	36.83 1.24 0.00	35.35 1.06 0.00	35.17 0.96 0.00	33.96 0.89 0.00	33.56 1.01 0.00	34.44 1.23 0.00	39.07 1.68 0.00	47.25 2.92 0.00	59.51 4.25 0.00	55.42 3.91 0.00	48.04 3.60 0.00	42.24 3.16 0.00	39.83 2.88 0.00
V_F_30_NSYNC___DSASP 323816	39.74 2.07 0.00	36.56 1.84 0.00	36.06 1.81 0.00	36.67 1.91 0.00	36.76 1.68 0.00	40.05 1.76 0.00	50.02 2.56 0.00	54.10 2.92 0.00	53.42 2.78 0.00	45.59 2.21 0.00	42.96 1.89 0.00	37.08 1.49 0.00	35.62 1.34 0.00	35.55 1.33 0.00	34.32 1.26 0.00	33.92 1.37 0.00	34.67 1.46 0.00	39.21 1.83 0.00	46.58 2.26 0.00	58.24 2.98 0.00	54.24 2.73 0.00	46.71 2.27 0.00	40.95 1.88 0.00	38.49 1.55 0.00

V_F_30_SYNC_DSASP 323786	38.35 0.68 0.00	35.31 0.59 0.00	34.82 0.58 0.00	35.35 0.59 0.00	35.46 0.39 0.00	38.60 0.31 0.00	47.98 0.52 0.00	51.95 0.77 0.00	51.30 0.66 0.00	43.98 0.61 0.00	41.61 0.53 0.00	36.01 0.43 0.00	34.84 0.55 0.00	34.79 0.58 0.00	33.63 0.56 0.00	33.14 0.59 0.00	33.77 0.56 0.00	37.91 0.52 0.00	45.08 0.75 0.00	56.19 0.94 0.00	52.33 0.82 0.00	45.07 0.62 0.00	39.51 0.43 0.00	37.16 0.22 0.00
V_XM_10_SYNC_DSASP 323789	36.69 -0.98 0.00	34.10 -0.62 0.00	33.69 -0.55 0.00	34.34 -0.42 0.00	34.87 -0.21 0.00	38.21 -0.08 0.00	47.65 0.19 0.00	51.44 0.26 0.00	50.95 0.31 0.00	43.51 0.13 0.00	41.03 -0.04 0.00	35.44 -0.14 0.00	34.15 -0.14 0.00	34.14 -0.07 0.00	33.10 0.03 0.00	32.68 0.13 0.00	33.64 0.43 0.00	38.09 0.71 0.00	45.17 0.84 0.00	56.36 1.10 0.00	52.80 1.29 0.00	45.60 1.15 0.00	40.21 1.13 0.00	38.01 1.07 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.14 1.47 0.00	35.97 1.25 0.00	35.34 1.10 0.00	35.77 1.01 0.00	35.89 0.81 0.00	39.40 1.11 0.00	49.40 1.95 0.00	53.74 2.56 0.00	53.02 2.38 0.00	45.68 2.30 0.00	43.29 2.22 0.00	37.54 1.96 0.00	36.14 1.85 0.00	36.06 1.85 0.00	34.89 1.82 0.00	34.44 1.89 0.00	34.90 1.69 0.00	39.33 1.94 0.00	46.54 2.22 0.00	57.80 2.54 0.00	53.83 2.32 0.00	46.36 1.91 0.00	40.52 1.45 0.00	37.94 1.00 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.48 1.81 0.00	36.28 1.56 0.00	35.58 1.34 0.00	36.01 1.25 0.00	36.10 1.02 0.00	39.55 1.26 0.00	49.69 2.23 0.00	54.10 2.92 0.00	53.53 2.89 0.00	46.11 2.73 0.00	43.74 2.67 0.00	37.97 2.38 0.00	36.58 2.30 0.00	36.50 2.29 0.00	35.25 2.18 0.00	34.83 2.28 0.00	35.40 2.19 0.00	39.85 2.47 0.00	47.07 2.75 0.00	58.24 2.98 0.00	54.40 2.88 0.00	46.85 2.40 0.00	40.91 1.84 0.00	38.23 1.29 0.00
W50THST__13_KV_LOAD 356117	39.71 2.03 0.00	36.46 1.74 0.00	35.75 1.51 0.00	36.18 1.43 0.00	36.27 1.19 0.00	39.75 1.46 0.00	49.97 2.52 0.00	54.41 3.22 0.00	53.88 3.24 0.00	46.41 3.04 0.00	44.03 2.96 0.00	38.22 2.63 0.00	36.82 2.54 0.00	36.74 2.53 0.00	35.48 2.41 0.00	35.06 2.51 0.00	35.63 2.42 0.00	40.11 2.73 0.00	47.34 3.01 0.00	58.62 3.37 0.00	54.70 3.19 0.00	47.11 2.67 0.00	41.11 2.03 0.00	38.46 1.51 0.00
WADING RIVER_IC_1 23522	39.33 1.66 0.00	35.55 0.83 0.00	35.27 1.03 0.00	35.59 0.83 0.00	35.22 0.14 0.00	38.18 -0.11 0.00	49.36 1.90 0.00	52.82 1.64 0.00	53.23 2.58 -0.01	46.47 3.08 -0.01	43.91 2.83 -0.01	39.35 2.78 -0.99	36.66 2.36 -0.01	36.58 2.36 -0.01	34.56 1.49 0.00	34.28 1.72 0.00	34.93 1.73 0.00	39.15 1.76 -0.01	46.64 2.30 -0.01	57.47 2.21 0.00	53.26 1.75 0.00	46.54 2.09 -0.01	40.60 1.52 0.00	37.53 0.59 0.00
WADING RIVER_IC_2 23547	39.33 1.66 0.00	35.55 0.83 0.00	35.27 1.03 0.00	35.59 0.83 0.00	35.22 0.14 0.00	38.18 -0.11 0.00	49.36 1.90 0.00	52.82 1.64 0.00	53.23 2.58 -0.01	46.47 3.08 -0.01	43.91 2.83 -0.01	39.35 2.78 -0.99	36.66 2.36 -0.01	36.58 2.36 -0.01	34.56 1.49 0.00	34.28 1.72 0.00	34.93 1.73 0.00	39.15 1.76 -0.01	46.64 2.30 -0.01	57.47 2.21 0.00	53.26 1.75 0.00	46.54 2.09 -0.01	40.60 1.52 0.00	37.53 0.59 0.00
WADING RIVER_IC_3 23601	39.33 1.66 0.00	35.55 0.83 0.00	35.27 1.03 0.00	35.59 0.83 0.00	35.22 0.14 0.00	38.18 -0.11 0.00	49.36 1.90 0.00	52.82 1.64 0.00	53.23 2.58 -0.01	46.47 3.08 -0.01	43.91 2.83 -0.01	39.35 2.78 -0.99	36.66 2.36 -0.01	36.58 2.36 -0.01	34.56 1.49 0.00	34.28 1.72 0.00	34.93 1.73 0.00	39.15 1.76 -0.01	46.64 2.30 -0.01	57.47 2.21 0.00	53.26 1.75 0.00	46.54 2.09 -0.01	40.60 1.52 0.00	37.53 0.59 0.00
WALDENNY_12_KV_BK2 80841	38.95 1.28 0.00	35.80 1.08 0.00	35.00 0.75 0.00	35.49 0.73 0.00	36.45 1.37 0.00	40.55 2.26 0.00	49.40 1.95 0.00	51.85 0.67 0.00	50.84 0.20 0.00	43.68 0.30 0.00	41.77 0.70 0.00	36.37 0.78 0.00	34.70 0.41 0.00	34.62 0.41 0.00	33.43 0.36 0.00	32.81 0.26 0.00	33.08 -0.13 0.00	37.01 -0.37 0.00	43.93 -0.40 0.00	55.09 -0.17 0.00	51.30 -0.21 0.00	44.22 -0.22 0.00	39.15 0.08 0.00	37.50 0.55 0.00
WALDEN__HYDRO 24148	39.07 1.39 0.00	35.90 1.18 0.00	35.30 1.06 0.00	35.73 0.97 0.00	35.85 0.77 0.00	39.17 0.88 0.00	49.07 1.61 0.00	53.28 2.10 0.00	52.51 1.87 0.00	45.20 1.82 0.00	42.84 1.77 0.00	37.11 1.53 0.00	35.76 1.47 0.00	35.65 1.44 0.00	34.52 1.45 0.00	34.05 1.50 0.00	34.67 1.46 0.00	39.06 1.68 0.00	46.28 1.95 0.00	57.63 2.38 0.00	53.62 2.11 0.00	46.18 1.73 0.00	40.36 1.29 0.00	37.87 0.92 0.00
WARRENSBURG____ 23737	40.01 2.34 0.00	36.77 2.05 0.00	36.26 2.02 0.00	36.88 2.12 0.00	36.94 1.86 0.00	40.43 2.14 0.00	50.50 3.04 0.00	54.66 3.48 0.00	53.93 3.29 0.00	45.98 2.60 0.00	43.25 2.18 0.00	37.26 1.67 0.00	35.73 1.44 0.00	35.62 1.40 0.00	34.39 1.32 0.00	33.86 1.30 0.00	34.64 1.43 0.00	39.21 1.83 0.00	46.81 2.48 0.00	58.68 3.43 0.00	54.65 3.14 0.00	46.98 2.53 0.00	41.19 2.11 0.00	38.68 1.74 0.00
WATERSIDE____6 8 9 23538	39.68 2.00 -0.01	36.47 1.74 -0.01	35.75 1.51 0.00	36.15 1.39 0.00	36.24 1.16 0.00	39.67 1.38 0.00	49.78 2.33 0.00	54.20 3.02 0.00	53.68 3.04 0.00	46.24 2.86 0.00	43.87 2.79 0.00	38.07 2.49 0.00	36.70 2.40 -0.01	36.61 2.39 0.00	35.38 2.31 0.00	34.93 2.38 0.00	35.50 2.29 0.00	39.96 2.58 0.00	47.16 2.84 0.00	58.24 2.98 0.00	54.50 2.99 0.00	46.93 2.49 0.00	40.99 1.91 0.00	38.38 1.44 0.00
WATKINRD_115KV_LN8_ILLION 55919	35.45 -2.22 0.00	32.74 -1.98 0.00	32.46 -1.78 0.00	33.02 -1.74 0.00	33.25 -1.82 0.00	36.41 -1.88 0.00	45.32 -2.14 0.00	49.29 -1.89 0.00	48.87 -1.77 0.00	41.60 -1.78 0.00	39.31 -1.77 0.00	34.02 -1.57 0.00	32.88 -1.41 0.00	32.84 -1.37 0.00	31.78 -1.29 0.00	31.41 -1.14 0.00	32.21 -1.00 0.00	36.41 -0.97 0.00	43.44 -0.89 0.00	54.32 -0.94 0.00	50.74 -0.77 0.00	43.96 -0.49 0.00	38.65 -0.43 0.00	36.42 -0.52 0.00
WATSON__69_KV_BK 1 55734	40.05 2.37 0.00	36.67 1.94 0.00	35.89 1.64 0.00	36.22 1.46 0.00	36.13 1.05 0.00	39.55 1.26 0.00	50.73 3.27 0.00	54.61 3.43 0.00	54.35 3.70 -0.01	46.99 3.60 -0.01	44.45 3.37 -0.01	39.67 3.06 -1.03	37.04 2.74 -0.01	36.92 2.70 -0.01	35.38 2.31 0.00	35.03 2.47 0.00	35.73 2.52 0.00	40.31 2.92 -0.01	47.70 3.37 -0.01	58.85 3.59 0.00	54.60 3.09 0.00	47.61 3.16 -0.01	41.46 2.38 0.00	38.53 1.59 0.00
WDELAWARE__HYD 323627	39.07 1.39 0.00	35.94 1.21 0.00	35.37 1.13 0.00	35.77 1.01 0.00	35.92 0.84 0.00	39.13 0.84 0.00	49.07 1.61 0.00	53.23 2.05 0.00	52.41 1.77 0.00	45.07 1.69 0.00	42.67 1.60 0.00	36.90 1.32 0.00	35.42 1.13 0.00	35.24 1.03 0.00	34.13 1.06 0.00	33.69 1.14 0.00	34.27 1.06 0.00	38.73 1.34 0.00	46.10 1.77 0.00	57.63 2.37 0.00	53.47 1.96 0.00	46.09 1.65 0.00	40.29 1.21 0.00	37.75 0.81 0.00

WEST BABYLON___IC 23714	40.01 2.34 0.00	36.67 1.94 0.00	35.89 1.64 0.00	36.22 1.46 0.00	36.13 1.05 0.00	39.59 1.30 0.00	50.69 3.23 0.00	54.61 3.43 0.00	54.24 3.60 -0.01	46.81 3.43 -0.01	44.33 3.24 -0.01	39.60 2.92 -1.10	37.01 2.71 -0.01	36.89 2.67 -0.01	35.38 2.31 0.00	35.03 2.47 0.00	35.73 2.52 0.00	40.31 2.92 -0.01	47.70 3.37 -0.01	58.85 3.59 0.00	54.65 3.14 0.00	47.61 3.16 -0.01	41.46 2.38 0.00	38.57 1.63 0.00
WEST CANADA___HYD 24049	37.75 0.08 0.00	34.79 0.07 0.00	34.35 0.10 0.00	34.86 0.10 0.00	35.11 0.04 0.00	38.29 0.00 0.00	47.55 0.10 0.00	51.34 0.15 0.00	50.79 0.15 0.00	43.46 0.09 0.00	41.15 0.08 0.00	35.65 0.07 0.00	34.36 0.07 0.00	34.28 0.07 0.00	33.13 0.07 0.00	32.65 0.10 0.00	33.27 0.07 0.00	37.49 0.11 0.00	44.50 0.18 0.00	55.53 0.28 0.00	51.72 0.21 0.00	44.62 0.18 0.00	39.19 0.12 0.00	37.02 0.07 0.00
WESTERN_NY_WIND 24143	39.22 1.54 0.00	36.08 1.35 0.00	35.30 1.06 0.00	35.87 1.11 0.00	36.76 1.68 0.00	40.82 2.53 0.00	49.55 2.09 0.00	52.05 0.87 0.00	50.99 0.35 0.00	43.72 0.35 0.00	41.73 0.66 0.00	36.22 0.64 0.00	34.77 0.48 0.00	34.66 0.44 0.00	33.43 0.36 0.00	32.88 0.33 0.00	33.21 0.00 0.00	37.31 -0.07 0.00	44.50 0.18 0.00	55.97 0.72 0.00	52.13 0.62 0.00	44.98 0.53 0.00	39.78 0.70 0.00	37.87 0.92 0.00
WESTOVER___LESR 323668	38.43 0.75 0.00	35.35 0.62 0.00	34.82 0.58 0.00	35.35 0.59 0.00	35.82 0.74 0.00	39.25 0.96 0.00	48.55 1.09 0.00	52.10 0.92 0.00	51.35 0.71 0.00	43.94 0.56 0.00	41.61 0.53 0.00	36.08 0.50 0.00	34.66 0.38 0.00	34.59 0.38 0.00	33.40 0.33 0.00	32.85 0.29 0.00	33.41 0.20 0.00	37.61 0.22 0.00	44.77 0.44 0.00	55.86 0.61 0.00	52.08 0.57 0.00	44.89 0.44 0.00	39.47 0.39 0.00	37.46 0.52 0.00
WETHRSFD_WT_PWR 323626	38.16 0.49 0.00	35.21 0.49 0.00	34.48 0.24 0.00	35.03 0.28 0.00	35.89 0.81 0.00	39.82 1.53 0.00	48.65 1.19 0.00	51.59 0.41 0.00	50.03 -0.61 0.00	42.77 -0.61 0.00	40.66 -0.41 0.00	35.37 -0.21 0.00	33.84 -0.45 0.00	33.80 -0.41 0.00	32.57 -0.50 0.00	32.00 -0.55 0.00	32.45 -0.76 0.00	36.41 -0.97 0.00	43.61 -0.71 0.00	54.76 -0.50 0.00	51.10 -0.41 0.00	43.87 -0.58 0.00	38.72 -0.35 0.00	36.94 0.00 0.00
WHAVSTOR_138KV_BK127 55557	39.03 1.36 0.00	35.87 1.15 0.00	35.24 0.99 0.00	35.66 0.90 0.00	35.82 0.74 0.00	39.13 0.84 0.00	49.07 1.61 0.00	53.33 2.15 0.00	52.67 2.03 0.00	45.33 1.95 0.00	43.00 1.93 0.00	37.29 1.71 0.00	35.93 1.65 0.00	35.85 1.64 0.00	34.65 1.59 0.00	34.21 1.66 0.00	34.80 1.59 0.00	39.21 1.83 0.00	46.41 2.08 0.00	57.58 2.32 0.00	53.67 2.16 0.00	46.22 1.78 0.00	40.40 1.33 0.00	37.83 0.89 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.03 1.36 0.00	35.87 1.15 0.00	35.24 0.99 0.00	35.66 0.90 0.00	35.82 0.74 0.00	39.13 0.84 0.00	49.07 1.61 0.00	53.33 2.15 0.00	52.67 2.03 0.00	45.33 1.95 0.00	43.00 1.93 0.00	37.29 1.71 0.00	35.93 1.65 0.00	35.85 1.64 0.00	34.65 1.59 0.00	34.21 1.66 0.00	34.80 1.59 0.00	39.21 1.83 0.00	46.41 2.08 0.00	57.58 2.32 0.00	53.67 2.16 0.00	46.22 1.78 0.00	40.40 1.33 0.00	37.83 0.89 0.00
WHITEHAL_115KV_TB1 80871	40.69 3.01 0.00	37.33 2.60 0.00	36.81 2.57 0.00	37.50 2.75 0.00	37.50 2.42 0.00	41.09 2.80 0.00	51.40 3.94 0.00	55.63 4.45 0.00	54.84 4.20 0.00	46.54 3.17 0.00	43.74 2.67 0.00	37.61 2.03 0.00	36.00 1.71 0.00	35.89 1.68 0.00	34.65 1.59 0.00	34.15 1.60 0.00	34.97 1.76 0.00	39.70 2.32 0.00	47.52 3.19 0.00	59.79 4.53 0.00	55.73 4.22 0.00	47.82 3.38 0.00	41.93 2.85 0.00	39.31 2.36 0.00
WHITEPLN_13_KV_LOAD 356215	39.63 1.96 0.00	36.42 1.70 0.00	35.75 1.51 0.00	36.15 1.39 0.00	36.27 1.19 0.00	39.67 1.38 0.00	49.97 2.52 0.00	54.41 3.22 0.00	53.68 3.04 0.00	46.15 2.78 0.00	43.74 2.67 0.00	37.90 2.31 0.00	36.48 2.19 0.00	36.44 2.22 0.00	35.18 2.12 0.00	34.77 2.21 0.00	35.37 2.16 0.00	39.85 2.47 0.00	47.16 2.84 0.00	58.57 3.32 0.00	54.55 3.04 0.00	47.02 2.58 0.00	41.03 1.95 0.00	38.38 1.44 0.00
WM_FLOYD_69_KV_BK2 356380	39.59 1.92 0.00	36.25 1.53 0.00	35.48 1.23 0.00	35.77 1.01 0.00	35.54 0.46 0.00	38.79 0.50 0.00	50.02 2.56 0.00	53.74 2.56 0.00	53.59 2.94 -0.01	46.60 3.21 -0.01	44.04 2.96 -0.01	39.35 2.78 -0.99	36.66 2.37 -0.01	36.51 2.29 -0.01	34.85 1.79 0.00	34.51 1.95 0.00	35.20 1.99 0.00	39.56 2.17 -0.01	46.90 2.57 -0.01	57.80 2.54 0.00	53.67 2.16 0.00	46.81 2.36 -0.01	40.72 1.64 0.00	37.83 0.89 0.00
WOODARD___115KV_TB2 355635	37.79 0.11 0.00	34.79 0.07 0.00	34.28 0.03 0.00	34.79 0.03 0.00	35.18 0.11 0.00	38.44 0.15 0.00	47.46 0.00 0.00	51.13 -0.05 0.00	50.49 -0.15 0.00	43.20 -0.17 0.00	40.95 -0.12 0.00	35.51 -0.07 0.00	34.15 -0.14 0.00	34.04 -0.17 0.00	32.90 -0.17 0.00	32.36 -0.20 0.00	32.94 -0.27 0.00	37.05 -0.34 0.00	44.01 -0.31 0.00	54.92 -0.33 0.00	51.20 -0.31 0.00	44.18 -0.27 0.00	38.88 -0.20 0.00	36.91 -0.04 0.00
YORK___WARBASSE 23770	53.28 2.30 -13.31	43.67 2.01 -6.93	36.02 1.78 0.00	36.43 1.67 0.00	36.52 1.44 0.00	39.98 1.68 0.00	53.42 2.71 -3.25	54.61 3.43 0.00	56.62 3.39 -2.58	55.32 3.21 -8.73	54.75 3.12 -10.56	53.94 2.78 -15.58	53.94 2.67 -16.98	53.90 2.67 -17.02	53.96 2.58 -18.31	55.04 2.64 -19.85	55.32 2.56 -19.55	55.35 2.88 -15.09	56.91 3.19 -9.39	58.62 3.37 0.00	57.67 3.40 -2.76	56.87 2.84 -9.58	53.00 2.23 -11.70	52.46 1.74 -13.78