

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses															--- Marginal Cost of Congestion									
Generator Data		09/11/2026																								
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	
	45.34	39.45	35.81	34.16	33.05	34.70	44.45	49.38	40.86	38.00	35.09	36.44	37.11	38.63	39.13	41.58	47.78	51.72	60.10	57.80	50.87	45.96	43.36	39.45		
	2.85	2.72	2.25	1.93	1.78	1.93	2.44	2.88	2.67	2.75	2.69	2.86	2.94	3.25	3.33	3.78	4.03	3.56	3.24	2.59	2.14	2.11	1.99	1.77		
74TH STREET_GT_1 24260																										
	45.47	39.56	35.88	34.23	33.11	34.74	44.49	49.43	40.86	38.03	35.11	36.46	37.18	38.67	39.18	41.58	47.83	51.52	59.82	57.58	50.87	46.05	43.49	39.57		
	2.97	2.83	2.32	2.00	1.84	1.97	2.48	2.93	2.67	2.78	2.69	2.86	2.97	3.29	3.37	3.78	4.07	3.37	2.96	2.37	2.14	2.19	2.11	1.88		
74TH STREET_GT_2 24261																										
	45.47	39.56	35.88	34.23	33.11	34.74	44.49	49.43	40.86	38.03	35.11	36.46	37.18	38.67	39.18	41.58	47.83	51.52	59.82	57.58	50.87	46.05	43.49	39.57		
	2.97	2.83	2.32	2.00	1.84	1.97	2.48	2.93	2.67	2.78	2.69	2.86	2.97	3.29	3.37	3.78	4.07	3.37	2.96	2.37	2.14	2.19	2.11	1.88		
ADK HUDSON___FALLS 24011																										
	44.24	38.42	35.31	33.84	32.73	34.44	43.90	48.22	39.11	35.78	32.67	33.76	34.15	35.20	35.70	37.91	43.98	48.88	58.68	57.30	50.48	45.35	42.91	39.04		
	1.74	1.69	1.75	1.61	1.47	1.67	1.89	1.72	0.92	0.53	0.26	0.17	-0.03	-0.18	-0.11	0.11	0.22	0.72	1.82	2.10	1.75	1.49	1.53	1.36		
ADK RESOURCE___RCVRY 23798																										
	44.36	38.53	35.38	33.90	32.83	34.54	44.07	48.36	39.14	35.81	32.67	33.76	34.12	35.20	35.66	37.91	43.98	48.88	58.85	57.58	50.68	45.43	43.04	39.12		
	1.87	1.80	1.81	1.67	1.56	1.77	2.06	1.86	0.96	0.56	0.26	0.17	-0.07	-0.18	-0.14	0.11	0.22	0.72	1.99	2.37	1.95	1.58	1.66	1.43		
ADK S GLENS___FALLS 24028																										
	44.24	38.42	35.31	33.84	32.73	34.44	43.90	48.22	39.11	35.78	32.67	33.76	34.15	35.20	35.70	37.91	43.98	48.88	58.68	57.30	50.48	45.35	42.91	39.04		
	1.74	1.69	1.75	1.61	1.47	1.67	1.89	1.72	0.92	0.53	0.26	0.17	-0.03	-0.18	-0.11	0.11	0.22	0.72	1.82	2.10	1.75	1.49	1.53	1.36		
ADK_NYS___DAM 23527																										
	43.73	38.28	35.18	33.71	32.67	34.34	43.31	47.80	39.26	36.20	33.45	34.40	34.73	35.91	36.59	38.97	44.98	49.84	58.34	56.64	50.24	45.30	42.87	39.00		
	1.23	1.54	1.61	1.48	1.41	1.57	1.30	1.30	1.07	0.95	1.04	0.80	0.55	0.53	0.79	1.17	1.22	1.68	1.48	1.43	1.51	1.45	1.49	1.32		
AIR_PRODUCTS___DRP 24190																										
	42.96	37.47	34.37	32.94	31.92	33.49	42.56	46.91	38.53	35.57	32.70	33.83	34.36	35.52	36.06	38.21	44.11	48.49	57.20	55.48	49.02	44.16	41.75	38.06		
	0.47	0.73	0.81	0.71	0.66	0.72	0.55	0.42	0.34	0.32	0.29	0.24	0.17	0.14	0.25	0.42	0.35	0.34	0.34	0.28	0.29	0.31	0.37	0.38		
AKWESSNE_115KV_BK 355683																										
	42.79	36.73	33.50	32.20	31.23	32.74	42.39	46.59	38.46	35.42	32.57	33.69	34.33	35.48	35.77	37.65	43.54	47.72	56.41	54.98	48.78	44.16	41.79	38.02		
	0.30	0.00	-0.07	-0.03	-0.03	-0.03	0.38	0.09	0.27	0.18	0.16	0.10	0.14	0.11	-0.04	-0.15	-0.22	-0.43	-0.45	-0.22	0.05	0.31	0.41	0.34		
ALBANY_1_SOLAR 323833																										
	43.85	38.17	34.97	33.52	32.48	34.05	43.27	47.61	38.76	35.56	32.67	33.80	34.29	35.48	36.02	38.18	44.20	48.92	58.23	56.64	49.99	44.95	42.50	38.74		
	1.36	1.43	1.41	1.29	1.22	1.28	1.26	1.11	0.57	0.32	0.26	0.20	0.10	0.11	0.22	0.38	0.44	0.77	1.36	1.43	1.26	1.10	1.12	1.05		
ALBANY_2_SOLAR 323834																										
	43.85	38.17	34.97	33.52	32.48	34.05	43.27	47.61	38.76	35.56	32.67	33.80	34.29	35.48	36.02	38.18	44.20	48.92	58.17	56.64	49.95	44.91	42.45	38.70		
	1.36	1.43	1.41	1.29	1.22	1.28	1.26	1.11	0.57	0.32	0.26	0.20	0.10	0.11	0.22	0.38	0.44	0.77	1.31	1.43	1.22	1.05	1.07	1.02		
ALBANY___1 23571																										
	42.96	37.47	34.37	32.94	31.92	33.49	42.56	46.91	38.53	35.57	32.70	33.83	34.36	35.52	36.06	38.21	44.11	48.49	57.20	55.48	49.02	44.16	41.75	38.06		
	0.47	0.73	0.81	0.71	0.66	0.72	0.55	0.42	0.34	0.32	0.29	0.24	0.17	0.14	0.25	0.42	0.35	0.34	0.34	0.28	0.29	0.31	0.37	0.38		

ALBANY___2 23572	42.96 0.47 0.00	37.47 0.73 0.00	34.37 0.81 0.00	32.94 0.71 0.00	31.92 0.66 0.00	33.49 0.72 0.00	42.56 0.55 0.00	46.91 0.42 0.00	38.53 0.34 0.00	35.57 0.32 0.00	32.70 0.29 0.00	33.83 0.24 0.00	34.36 0.17 0.00	35.52 0.14 0.00	36.06 0.25 0.00	38.21 0.42 0.00	44.11 0.35 0.00	48.49 0.34 0.00	57.20 0.34 0.00	55.48 0.28 0.00	49.02 0.29 0.00	44.16 0.31 0.00	41.75 0.37 0.00	38.06 0.38 0.00
ALBANY___3 23573	42.96 0.47 0.00	37.47 0.73 0.00	34.37 0.81 0.00	32.94 0.71 0.00	31.92 0.66 0.00	33.49 0.72 0.00	42.56 0.55 0.00	46.91 0.42 0.00	38.53 0.34 0.00	35.57 0.32 0.00	32.70 0.29 0.00	33.83 0.24 0.00	34.36 0.17 0.00	35.52 0.14 0.00	36.06 0.25 0.00	38.21 0.42 0.00	44.11 0.35 0.00	48.49 0.34 0.00	57.20 0.34 0.00	55.48 0.28 0.00	49.02 0.29 0.00	44.16 0.31 0.00	41.75 0.37 0.00	38.06 0.38 0.00
ALBANY___4 23574	42.96 0.47 0.00	37.47 0.73 0.00	34.37 0.81 0.00	32.94 0.71 0.00	31.92 0.66 0.00	33.49 0.72 0.00	42.56 0.55 0.00	46.91 0.42 0.00	38.53 0.34 0.00	35.57 0.32 0.00	32.70 0.29 0.00	33.83 0.24 0.00	34.36 0.17 0.00	35.52 0.14 0.00	36.06 0.25 0.00	38.21 0.42 0.00	44.11 0.35 0.00	48.49 0.34 0.00	57.20 0.34 0.00	55.48 0.28 0.00	49.02 0.29 0.00	44.16 0.31 0.00	41.75 0.37 0.00	38.06 0.38 0.00
ALBANY___LFGE 323615	43.30 0.81 0.00	37.76 1.03 0.00	34.64 1.07 0.00	33.19 0.97 0.00	32.17 0.91 0.00	33.75 0.98 0.00	42.89 0.88 0.00	47.29 0.79 0.00	38.80 0.61 0.00	35.78 0.53 0.00	32.93 0.52 0.00	34.03 0.44 0.00	34.53 0.34 0.00	35.69 0.32 0.00	36.20 0.39 0.00	38.40 0.60 0.00	44.33 0.57 0.00	48.83 0.67 0.00	57.66 0.80 0.00	56.03 0.83 0.00	49.51 0.78 0.00	44.52 0.66 0.00	42.08 0.70 0.00	38.36 0.68 0.00
ALCOA_PA_115KV_PL-6C 55860	42.96 0.47 0.00	36.88 0.15 0.00	33.67 0.10 0.00	32.33 0.10 0.00	31.39 0.13 0.00	32.87 0.10 0.00	42.55 0.54 0.00	46.91 0.42 0.00	38.57 0.38 0.00	35.50 0.25 0.00	32.67 0.26 0.00	33.76 0.17 0.00	34.40 0.21 0.00	35.59 0.21 0.00	35.70 -0.11 0.00	37.49 -0.30 0.00	43.41 -0.35 0.00	47.68 -0.48 0.00	56.58 -0.28 0.00	55.15 -0.06 0.00	48.83 0.10 0.00	44.12 0.26 0.00	41.91 0.54 0.00	38.17 0.49 0.00
ALCOA_RYNLDS___DRP 24188	42.96 0.47 0.00	36.88 0.15 0.00	33.63 0.07 0.00	32.33 0.10 0.00	31.39 0.13 0.00	32.87 0.10 0.00	42.56 0.55 0.00	46.91 0.42 0.00	38.57 0.38 0.00	35.49 0.25 0.00	32.64 0.23 0.00	33.76 0.17 0.00	34.39 0.21 0.00	35.59 0.21 0.00	35.70 -0.11 0.00	37.50 -0.30 0.00	43.41 -0.35 0.00	47.68 -0.48 0.00	56.47 -0.40 0.00	55.15 -0.06 0.00	48.83 0.10 0.00	44.12 0.26 0.00	41.92 0.54 0.00	38.17 0.49 0.00
ALCOA___DSASP 323711	42.96 0.47 0.00	36.88 0.15 0.00	33.63 0.07 0.00	32.33 0.10 0.00	31.39 0.13 0.00	32.87 0.10 0.00	42.56 0.55 0.00	46.91 0.42 0.00	38.57 0.38 0.00	35.49 0.25 0.00	32.64 0.23 0.00	33.76 0.17 0.00	34.39 0.21 0.00	35.59 0.21 0.00	35.70 -0.11 0.00	37.50 -0.30 0.00	43.41 -0.35 0.00	47.68 -0.48 0.00	56.47 -0.40 0.00	55.15 -0.06 0.00	48.83 0.10 0.00	44.12 0.26 0.00	41.92 0.54 0.00	38.17 0.49 0.00
ALLEGHENY___COGEN 23514	41.62 0.21 1.08	36.84 0.48 0.37	34.16 0.60 0.01	33.10 0.87 0.00	31.95 0.69 0.00	33.56 0.79 0.00	41.49 0.42 0.94	46.12 1.07 1.45	38.38 0.19 0.00	34.93 -0.32 0.00	31.83 -0.58 0.00	33.26 -0.34 0.00	34.02 -0.17 0.00	35.13 -0.25 0.00	35.56 -0.25 0.00	37.06 -0.64 0.09	42.80 -0.17 0.79	48.62 0.96 0.50	57.79 2.16 1.24	56.64 2.49 1.05	49.24 1.80 1.29	44.55 1.45 0.75	41.37 0.87 0.88	37.81 0.71 0.59
ALTAMONT_115KV_TB 2 55880	43.26 0.76 0.00	37.62 0.88 0.00	34.47 0.91 0.00	33.03 0.81 0.00	32.05 0.78 0.00	33.59 0.82 0.00	42.72 0.71 0.00	47.19 0.70 0.00	38.72 0.53 0.00	35.74 0.49 0.00	32.86 0.45 0.00	34.03 0.44 0.00	34.56 0.38 0.00	35.76 0.39 0.00	36.27 0.47 0.00	38.44 0.64 0.00	44.41 0.66 0.00	48.88 0.72 0.00	57.66 0.80 0.00	55.92 0.72 0.00	49.36 0.63 0.00	44.47 0.61 0.00	42.00 0.62 0.00	38.25 0.57 0.00
ALTONA_WT_PWR 323606	42.88 0.38 0.00	36.84 0.11 0.00	33.63 0.07 0.00	32.29 0.06 0.00	31.33 0.06 0.00	32.84 0.07 0.00	42.47 0.46 0.00	46.87 0.37 0.00	38.53 0.34 0.00	35.46 0.21 0.00	32.57 0.16 0.00	33.66 0.07 0.00	34.26 0.07 0.00	35.41 0.04 0.00	35.73 -0.07 0.00	37.61 -0.19 0.00	43.63 -0.13 0.00	48.01 -0.14 0.00	57.03 0.17 0.00	55.59 0.39 0.00	49.17 0.44 0.00	44.34 0.48 0.00	41.88 0.50 0.00	38.10 0.42 0.00
AMERICAN_REF_FUEL 24010	37.59 -3.61 1.29	33.65 -2.65 0.44	31.26 -2.28 0.02	30.36 -1.87 0.00	29.30 -1.97 0.00	30.61 -2.16 0.00	37.20 -3.70 1.11	41.47 -3.30 1.72	35.67 -2.52 0.00	32.92 -2.33 0.00	30.17 -2.24 0.00	31.75 -1.85 0.00	32.41 -1.78 0.00	33.46 -1.91 0.00	33.84 -1.97 0.00	34.93 -2.76 0.11	39.58 -3.24 0.94	44.53 -3.03 0.59	51.58 -3.81 1.47	50.48 -3.48 1.25	43.78 -3.41 1.54	39.85 -3.11 0.89	37.02 -3.31 1.04	34.24 -2.75 0.70
ARKWRIGHT___SUMMIT_WT_PWR 323751	39.53 -1.83 1.14	35.21 -1.14 0.39	32.71 -0.84 0.02	31.68 -0.55 0.00	30.61 -0.66 0.00	32.02 -0.75 0.00	39.39 -1.64 0.98	43.95 -1.02 1.52	37.43 -0.76 0.00	34.65 -0.60 0.00	31.70 -0.71 0.00	33.43 -0.17 0.00	34.19 0.00 0.00	35.31 -0.07 0.00	35.77 -0.04 0.00	37.06 -0.64 0.10	42.10 -0.83 0.83	47.25 -0.39 0.52	55.16 -0.40 1.31	53.88 -0.22 1.11	46.53 -0.83 1.37	41.88 -1.18 0.79	38.80 -1.66 0.93	35.56 -1.51 0.62
ARTHUR KILL_GT_1 23520	45.81 3.31 0.00	39.78 3.05 0.00	35.98 2.42 0.00	34.26 2.03 0.00	33.14 1.88 0.00	34.61 1.84 0.00	44.19 2.18 0.00	48.96 2.46 0.00	40.37 2.18 0.00	37.54 2.29 0.00	34.68 2.27 -0.01	35.99 2.39 -0.01	36.73 2.53 -0.02	38.28 2.90 0.00	38.78 2.97 -0.01	41.31 3.52 0.00	47.70 3.94 0.00	50.85 2.70 0.00	58.67 1.82 0.01	56.47 1.27 0.01	50.14 1.41 0.00	45.61 1.75 0.00	43.24 1.86 0.00	39.45 1.77 0.00
ARTHUR_KILL_2 23512	45.68 3.19 0.00	39.67 2.94 0.00	35.85 2.28 0.00	34.16 1.93 0.00	33.01 1.75 0.00	34.47 1.70 0.00	44.07 2.06 0.00	48.54 2.04 0.00	40.25 2.06 0.00	37.43 2.19 0.00	34.59 2.17 -0.01	35.89 2.29 -0.01	36.63 2.43 -0.02	38.10 2.72 0.00	38.68 2.87 -0.01	41.12 3.33 0.00	47.43 3.68 0.00	50.70 2.55 0.00	58.33 1.48 0.01	56.24 1.05 0.01	49.85 1.12 0.00	45.43 1.58 0.00	43.08 1.70 0.00	39.42 1.73 0.00
ARTHUR_KILL_3 23513	44.96 2.46 0.00	39.12 2.39 0.00	35.44 1.88 0.00	33.84 1.61 0.00	32.73 1.47 0.00	34.38 1.61 0.00	44.03 2.02 0.00	48.68 2.19 0.00	40.48 2.29 0.00	37.65 2.40 0.00	34.78 2.36 -0.01	36.09 2.49 -0.01	36.80 2.60 -0.02	38.24 2.86 0.00	38.78 2.97 -0.01	41.20 3.40 0.00	47.30 3.54 0.00	50.95 2.79 0.00	59.08 2.22 0.00	56.92 1.71 0.00	50.33 1.61 0.00	45.48 1.62 0.00	42.99 1.61 0.00	39.19 1.51 0.00

ARTHUR_KILL_COGEN 323718	45.81 3.32 0.00	39.78 3.05 0.00	35.95 2.38 0.00	34.29 2.06 0.00	33.14 1.88 0.00	34.57 1.80 0.00	44.19 2.18 0.00	48.68 2.19 0.00	40.36 2.18 0.00	37.54 2.29 0.00	34.72 2.30 -0.01	35.99 2.39 -0.01	36.73 2.53 -0.02	38.21 2.83 0.00	38.78 2.97 -0.01	41.24 3.44 0.00	47.61 3.85 0.00	50.90 2.74 0.00	58.56 1.70 0.01	56.47 1.27 0.01	50.04 1.32 0.00	45.61 1.76 0.00	43.20 1.82 0.00	39.53 1.85 0.00
ASHOKAN____ 23654	44.96 2.46 0.00	39.12 2.39 0.00	35.58 2.01 0.00	34.03 1.80 0.00	32.98 1.72 0.00	34.54 1.77 0.00	44.03 2.02 0.00	48.49 2.00 0.00	39.18 0.99 0.00	35.92 0.67 0.00	32.90 0.49 0.00	34.23 0.64 0.00	34.84 0.65 0.00	36.12 0.74 0.00	36.70 0.90 0.00	39.01 1.21 0.00	45.46 1.70 0.00	49.94 1.78 0.00	59.54 2.67 0.00	57.69 2.49 0.00	50.73 2.00 0.00	45.52 1.67 0.00	43.12 1.74 0.00	39.30 1.62 0.00
ASTORIA_EAST_ENERGY_CC1 323581	45.39 2.89 -0.01	39.46 2.72 -0.01	35.54 1.98 0.00	33.87 1.64 0.00	32.73 1.47 0.00	34.25 1.48 0.00	43.77 1.76 0.00	48.30 1.81 0.01	40.17 1.98 0.01	37.39 2.15 0.01	34.59 2.17 -0.01	35.89 2.29 -0.01	36.55 2.36 -0.01	38.10 2.72 0.00	38.64 2.83 -0.01	41.08 3.29 0.00	47.43 3.68 0.00	50.70 2.55 0.00	58.67 1.82 0.01	56.58 1.38 0.01	49.99 1.26 0.01	45.25 1.40 0.01	42.66 1.28 0.00	39.00 1.32 0.00
ASTORIA_EAST_ENERGY_CC2 323582	45.39 2.89 -0.01	39.46 2.72 -0.01	35.54 1.98 0.00	33.87 1.64 0.00	32.73 1.47 0.00	34.25 1.48 0.00	43.77 1.76 0.00	48.30 1.81 0.01	40.17 1.98 0.01	37.39 2.15 0.01	34.59 2.17 -0.01	35.89 2.29 -0.01	36.55 2.36 -0.01	38.10 2.72 0.00	38.64 2.83 -0.01	41.08 3.29 0.00	47.43 3.68 0.00	50.70 2.55 0.00	58.67 1.82 0.01	56.58 1.38 0.01	49.99 1.26 0.01	45.25 1.40 0.01	42.66 1.28 0.00	39.00 1.32 0.00
ASTORIA_GT2_1 24094	45.39 2.89 -0.01	39.46 2.72 -0.01	35.61 2.05 0.00	33.90 1.68 0.00	32.76 1.50 0.00	34.25 1.47 0.00	43.82 1.81 0.00	48.59 2.09 0.00	40.21 2.02 0.00	37.43 2.19 0.00	34.62 2.20 -0.01	35.92 2.32 -0.01	36.60 2.39 -0.02	38.17 2.79 0.00	38.64 2.83 -0.01	41.16 3.36 0.00	47.52 3.76 0.00	50.80 2.65 0.00	58.85 1.99 0.01	56.58 1.38 0.01	50.04 1.32 0.00	45.17 1.32 0.00	42.74 1.37 0.00	38.96 1.28 0.00
ASTORIA_GT2_2 24095	45.39 2.89 -0.01	39.46 2.72 -0.01	35.61 2.05 0.00	33.90 1.68 0.00	32.76 1.50 0.00	34.25 1.47 0.00	43.82 1.81 0.00	48.59 2.09 0.00	40.21 2.02 0.00	37.43 2.19 0.00	34.62 2.20 -0.01	35.92 2.32 -0.01	36.60 2.39 -0.02	38.17 2.79 0.00	38.64 2.83 -0.01	41.16 3.36 0.00	47.52 3.76 0.00	50.80 2.65 0.00	58.85 1.99 0.01	56.58 1.38 0.01	50.04 1.32 0.00	45.17 1.32 0.00	42.74 1.37 0.00	38.96 1.28 0.00
ASTORIA_GT2_3 24096	45.39 2.89 -0.01	39.46 2.72 -0.01	35.61 2.05 0.00	33.90 1.68 0.00	32.76 1.50 0.00	34.25 1.47 0.00	43.82 1.81 0.00	48.59 2.09 0.00	40.21 2.02 0.00	37.43 2.19 0.00	34.62 2.20 -0.01	35.92 2.32 -0.01	36.60 2.39 -0.02	38.17 2.79 0.00	38.64 2.83 -0.01	41.16 3.36 0.00	47.52 3.76 0.00	50.80 2.65 0.00	58.85 1.99 0.01	56.58 1.38 0.01	50.04 1.32 0.00	45.17 1.32 0.00	42.74 1.37 0.00	38.96 1.28 0.00
ASTORIA_GT2_4 24097	45.39 2.89 -0.01	39.46 2.72 -0.01	35.61 2.05 0.00	33.90 1.68 0.00	32.76 1.50 0.00	34.25 1.47 0.00	43.82 1.81 0.00	48.59 2.09 0.00	40.21 2.02 0.00	37.43 2.19 0.00	34.62 2.20 -0.01	35.92 2.32 -0.01	36.60 2.39 -0.02	38.17 2.79 0.00	38.64 2.83 -0.01	41.16 3.36 0.00	47.52 3.76 0.00	50.80 2.65 0.00	58.85 1.99 0.01	56.58 1.38 0.01	50.04 1.32 0.00	45.17 1.32 0.00	42.74 1.37 0.00	38.96 1.28 0.00
ASTORIA_GT3_1 24098	45.39 2.89 -0.01	39.46 2.72 -0.01	35.61 2.05 0.00	33.90 1.68 0.00	32.76 1.50 0.00	34.25 1.47 0.00	43.82 1.81 0.00	48.59 2.09 0.00	40.21 2.02 0.00	37.43 2.19 0.00	34.62 2.20 -0.01	35.92 2.32 -0.01	36.60 2.39 -0.02	38.17 2.79 0.00	38.64 2.83 -0.01	41.16 3.36 0.00	47.52 3.76 0.00	50.80 2.65 0.00	58.85 1.99 0.01	56.58 1.38 0.01	50.04 1.32 0.00	45.17 1.32 0.00	42.74 1.37 0.00	38.96 1.28 0.00
ASTORIA_GT3_2 24099	45.39 2.89 -0.01	39.46 2.72 -0.01	35.61 2.05 0.00	33.90 1.68 0.00	32.76 1.50 0.00	34.25 1.47 0.00	43.82 1.81 0.00	48.59 2.09 0.00	40.21 2.02 0.00	37.43 2.19 0.00	34.62 2.20 -0.01	35.92 2.32 -0.01	36.60 2.39 -0.02	38.17 2.79 0.00	38.64 2.83 -0.01	41.16 3.36 0.00	47.52 3.76 0.00	50.80 2.65 0.00	58.85 1.99 0.01	56.58 1.38 0.01	50.04 1.32 0.00	45.17 1.32 0.00	42.74 1.37 0.00	38.96 1.28 0.00
ASTORIA_GT3_3 24100	45.39 2.89 -0.01	39.46 2.72 -0.01	35.61 2.05 0.00	33.90 1.68 0.00	32.76 1.50 0.00	34.25 1.47 0.00	43.82 1.81 0.00	48.59 2.09 0.00	40.21 2.02 0.00	37.43 2.19 0.00	34.62 2.20 -0.01	35.92 2.32 -0.01	36.60 2.39 -0.02	38.17 2.79 0.00	38.64 2.83 -0.01	41.16 3.36 0.00	47.52 3.76 0.00	50.80 2.65 0.00	58.85 1.99 0.01	56.58 1.38 0.01	50.04 1.32 0.00	45.17 1.32 0.00	42.74 1.37 0.00	38.96 1.28 0.00
ASTORIA_GT3_4 24101	45.39 2.89 -0.01	39.46 2.72 -0.01	35.61 2.05 0.00	33.90 1.68 0.00	32.76 1.50 0.00	34.25 1.47 0.00	43.82 1.81 0.00	48.59 2.09 0.00	40.21 2.02 0.00	37.43 2.19 0.00	34.62 2.20 -0.01	35.92 2.32 -0.01	36.60 2.39 -0.02	38.17 2.79 0.00	38.64 2.83 -0.01	41.16 3.36 0.00	47.52 3.76 0.00	50.80 2.65 0.00	58.85 1.99 0.01	56.58 1.38 0.01	50.04 1.32 0.00	45.17 1.32 0.00	42.74 1.37 0.00	38.96 1.28 0.00
ASTORIA_GT4_1 24102	45.39 2.89 -0.01	39.46 2.72 -0.01	35.61 2.05 0.00	33.90 1.68 0.00	32.76 1.50 0.00	34.25 1.47 0.00	43.82 1.81 0.00	48.59 2.09 0.00	40.21 2.02 0.00	37.43 2.19 0.00	34.62 2.20 -0.01	35.92 2.32 -0.01	36.60 2.39 -0.02	38.17 2.79 0.00	38.64 2.83 -0.01	41.16 3.36 0.00	47.52 3.76 0.00	50.80 2.65 0.00	58.85 1.99 0.01	56.58 1.38 0.01	50.04 1.32 0.00	45.17 1.32 0.00	42.74 1.37 0.00	38.96 1.28 0.00
ASTORIA_GT4_2 24103	45.39 2.89 -0.01	39.46 2.72 -0.01	35.61 2.05 0.00	33.90 1.68 0.00	32.76 1.50 0.00	34.25 1.47 0.00	43.82 1.81 0.00	48.59 2.09 0.00	40.21 2.02 0.00	37.43 2.19 0.00	34.62 2.20 -0.01	35.92 2.32 -0.01	36.60 2.39 -0.02	38.17 2.79 0.00	38.64 2.83 -0.01	41.16 3.36 0.00	47.52 3.76 0.00	50.80 2.65 0.00	58.85 1.99 0.01	56.58 1.38 0.01	50.04 1.32 0.00	45.17 1.32 0.00	42.74 1.37 0.00	38.96 1.28 0.00
ASTORIA_GT4_3 24104	45.39 2.89 -0.01	39.46 2.72 -0.01	35.61 2.05 0.00	33.90 1.68 0.00	32.76 1.50 0.00	34.25 1.47 0.00	43.82 1.81 0.00	48.59 2.09 0.00	40.21 2.02 0.00	37.43 2.19 0.00	34.62 2.20 -0.01	35.92 2.32 -0.01	36.60 2.39 -0.02	38.17 2.79 0.00	38.64 2.83 -0.01	41.16 3.36 0.00	47.52 3.76 0.00	50.80 2.65 0.00	58.85 1.99 0.01	56.58 1.38 0.01	50.04 1.32 0.00	45.17 1.32 0.00	42.74 1.37 0.00	38.96 1.28 0.00

ASTORIA_GT4_4 24105	45.39 2.89 -0.01	39.46 2.72 -0.01	35.61 2.05 0.00	33.90 1.68 0.00	32.76 1.50 0.00	34.25 1.47 0.00	43.82 1.81 0.00	48.59 2.09 0.00	40.21 2.02 0.00	37.43 2.19 0.00	34.62 2.20 -0.01	35.92 2.32 -0.01	36.60 2.39 -0.02	38.17 2.79 0.00	38.64 2.83 -0.01	41.16 3.36 0.00	47.52 3.76 0.00	50.80 2.65 0.00	58.85 1.99 0.01	56.58 1.38 0.01	50.04 1.32 0.00	45.17 1.32 0.00	42.74 1.37 0.00	38.96 1.28 0.00
ASTORIA_GT_1 23523	45.52 3.02 -0.01	39.57 2.83 -0.01	35.68 2.11 0.00	33.97 1.74 0.00	32.83 1.56 0.00	34.31 1.54 0.00	43.90 1.89 0.00	48.68 2.19 0.00	40.29 2.10 0.00	37.50 2.26 0.00	34.68 2.27 -0.01	35.99 2.39 -0.01	36.67 2.46 -0.02	38.28 2.90 0.00	38.75 2.94 -0.01	41.24 3.44 0.00	47.65 3.89 0.00	50.90 2.74 0.00	59.02 2.16 0.01	56.74 1.55 0.01	50.14 1.41 0.00	45.26 1.40 0.00	42.83 1.45 0.00	39.04 1.36 0.00
ASTORIA_GT_10 24110	45.30 2.80 0.00	39.38 2.64 0.00	35.68 2.11 0.00	34.00 1.77 0.00	32.89 1.63 0.00	34.44 1.67 0.00	44.03 2.02 0.00	48.87 2.37 0.00	40.40 2.21 0.00	37.61 2.36 0.00	34.78 2.37 -0.01	36.09 2.49 -0.01	36.77 2.56 -0.02	38.31 2.94 0.00	38.78 2.97 -0.01	41.24 3.44 0.00	47.52 3.76 0.00	50.90 2.74 0.00	50.66 2.10 8.30	50.23 1.49 6.47	50.19 1.46 0.00	45.48 1.62 0.00	42.99 1.61 0.00	39.19 1.51 0.00
ASTORIA_GT_11 24225	45.30 2.80 0.00	39.38 2.64 0.00	35.68 2.11 0.00	34.00 1.77 0.00	32.89 1.63 0.00	34.44 1.67 0.00	44.03 2.02 0.00	48.87 2.37 0.00	40.40 2.21 0.00	37.61 2.36 0.00	34.78 2.37 -0.01	36.09 2.49 -0.01	36.77 2.56 -0.02	38.31 2.94 0.00	38.78 2.97 -0.01	41.24 3.44 0.00	47.52 3.76 0.00	50.90 2.74 0.00	50.66 2.10 8.30	50.23 1.49 6.47	50.19 1.46 0.00	45.48 1.62 0.00	42.99 1.61 0.00	39.19 1.51 0.00
ASTORIA_GT_12 24226	45.30 2.80 0.00	39.38 2.64 0.00	35.68 2.11 0.00	34.00 1.77 0.00	32.89 1.63 0.00	34.44 1.67 0.00	44.03 2.02 0.00	48.87 2.37 0.00	40.40 2.21 0.00	37.61 2.36 0.00	34.78 2.37 -0.01	36.09 2.49 -0.01	36.77 2.56 -0.02	38.31 2.94 0.00	38.78 2.97 -0.01	41.24 3.44 0.00	47.52 3.76 0.00	50.90 2.74 0.00	50.66 2.10 8.30	50.23 1.49 6.47	50.19 1.46 0.00	45.48 1.62 0.00	42.99 1.61 0.00	39.19 1.51 0.00
ASTORIA_GT_13 24227	45.30 2.80 0.00	39.38 2.64 0.00	35.68 2.11 0.00	34.00 1.77 0.00	32.89 1.63 0.00	34.44 1.67 0.00	44.03 2.02 0.00	48.87 2.37 0.00	40.40 2.21 0.00	37.61 2.36 0.00	34.78 2.37 -0.01	36.09 2.49 -0.01	36.77 2.56 -0.02	38.31 2.94 0.00	38.78 2.97 -0.01	41.24 3.44 0.00	47.52 3.76 0.00	50.90 2.74 0.00	50.66 2.10 8.30	50.23 1.49 6.47	50.19 1.46 0.00	45.48 1.62 0.00	42.99 1.61 0.00	39.19 1.51 0.00
ASTORIA_GT_5 24106	45.52 3.02 -0.01	39.57 2.83 -0.01	35.68 2.11 0.00	33.97 1.74 0.00	32.83 1.56 0.00	34.31 1.54 0.00	43.90 1.89 0.00	48.68 2.19 0.00	40.29 2.10 0.00	37.50 2.26 0.00	34.68 2.27 -0.01	35.99 2.39 -0.01	36.67 2.46 -0.02	38.28 2.90 0.00	38.75 2.94 -0.01	41.24 3.44 0.00	47.65 3.89 0.00	50.90 2.74 0.00	59.02 2.16 0.01	56.74 1.55 0.01	50.14 1.41 0.00	45.26 1.40 0.00	42.83 1.45 0.00	39.04 1.36 0.00
ASTORIA_GT_7 24107	45.52 3.02 -0.01	39.57 2.83 -0.01	35.68 2.11 0.00	33.97 1.74 0.00	32.83 1.56 0.00	34.31 1.54 0.00	43.90 1.89 0.00	48.68 2.19 0.00	40.29 2.10 0.00	37.50 2.26 0.00	34.68 2.27 -0.01	35.99 2.39 -0.01	36.67 2.46 -0.02	38.28 2.90 0.00	38.75 2.94 -0.01	41.24 3.44 0.00	47.65 3.89 0.00	50.90 2.74 0.00	59.02 2.16 0.01	56.74 1.55 0.01	50.14 1.41 0.00	45.26 1.40 0.00	42.83 1.45 0.00	39.04 1.36 0.00
ASTORIA_GT_8 24108	45.52 3.02 -0.01	39.57 2.83 -0.01	35.68 2.11 0.00	33.97 1.74 0.00	32.83 1.56 0.00	34.31 1.54 0.00	43.90 1.89 0.00	48.68 2.19 0.00	40.29 2.10 0.00	37.50 2.26 0.00	34.68 2.27 -0.01	35.99 2.39 -0.01	36.67 2.46 -0.02	38.28 2.90 0.00	38.75 2.94 -0.01	41.24 3.44 0.00	47.65 3.89 0.00	50.90 2.74 0.00	59.02 2.16 0.01	56.74 1.55 0.01	50.14 1.41 0.00	45.26 1.40 0.00	42.83 1.45 0.00	39.04 1.36 0.00
ASTORIA___2 24149	45.39 2.89 -0.01	39.46 2.72 -0.01	35.58 2.01 0.00	33.90 1.67 0.00	32.76 1.50 0.00	34.25 1.48 0.00	43.81 1.81 0.00	48.35 1.86 0.01	40.20 2.02 0.01	37.43 2.19 0.01	34.62 2.20 -0.01	35.89 2.29 -0.01	36.59 2.39 -0.01	38.10 2.72 0.00	38.64 2.83 -0.01	41.12 3.33 0.00	47.43 3.68 0.00	50.75 2.60 0.00	58.73 1.87 0.01	56.58 1.38 0.01	50.04 1.32 0.01	45.25 1.40 0.01	42.70 1.32 0.00	39.04 1.35 0.00
ASTORIA___3 23516	45.30 2.80 0.00	39.38 2.65 0.00	35.65 2.08 0.00	34.00 1.77 0.00	32.89 1.62 0.00	34.41 1.64 0.00	44.03 2.02 0.00	48.63 2.14 0.01	40.40 2.21 0.00	37.61 2.36 0.00	34.78 2.36 -0.01	36.09 2.49 -0.01	36.77 2.57 -0.02	38.24 2.86 0.00	38.78 2.97 -0.01	41.20 3.40 0.00	47.43 3.68 0.00	50.85 2.70 0.00	50.55 1.99 8.30	50.23 1.49 6.47	50.13 1.41 0.01	45.47 1.62 0.01	42.99 1.61 0.00	39.27 1.58 0.00
ASTORIA___4 23517	45.30 2.80 0.00	39.38 2.64 0.00	35.68 2.11 0.00	34.00 1.77 0.00	32.89 1.63 0.00	34.44 1.67 0.00	44.03 2.02 0.00	48.87 2.37 0.00	40.40 2.21 0.00	37.61 2.36 0.00	34.78 2.37 -0.01	36.09 2.49 -0.01	36.77 2.56 -0.02	38.31 2.94 0.00	38.78 2.97 -0.01	41.24 3.44 0.00	47.52 3.76 0.00	50.90 2.74 0.00	50.66 2.10 8.30	50.23 1.49 6.47	50.19 1.46 0.00	45.48 1.62 0.00	42.99 1.61 0.00	39.19 1.51 0.00
ASTORIA___5 23518	45.30 2.80 0.00	39.38 2.65 0.00	35.65 2.08 0.00	34.00 1.77 0.00	32.89 1.62 0.00	34.41 1.64 0.00	44.03 2.02 0.00	48.63 2.14 0.01	40.40 2.21 0.00	37.61 2.36 0.00	34.78 2.36 -0.01	36.09 2.49 -0.01	36.77 2.57 -0.02	38.24 2.86 0.00	38.78 2.97 -0.01	41.20 3.40 0.00	47.43 3.68 0.00	50.85 2.70 0.00	50.55 1.99 8.30	50.23 1.49 6.47	50.13 1.41 0.01	45.47 1.62 0.01	42.99 1.61 0.00	39.27 1.58 0.00
AST_ENERGY_2_CC3 323677	45.17 2.68 0.00	39.30 2.57 0.00	35.61 2.05 0.00	34.00 1.77 0.00	32.92 1.66 0.00	34.51 1.74 0.00	44.19 2.18 0.00	48.82 2.32 0.00	40.60 2.41 0.00	37.75 2.50 0.00	34.85 2.43 -0.01	36.19 2.59 -0.01	36.90 2.70 -0.02	38.31 2.93 0.00	38.85 3.04 -0.01	41.24 3.44 0.00	47.35 3.59 0.00	50.99 2.84 0.01	59.20 2.33 0.00	57.01 1.82 0.02	50.39 1.66 0.00	45.61 1.76 0.00	43.16 1.78 0.00	39.34 1.66 0.00
AST_ENERGY_2_CC4 323678	45.17 2.68 0.00	39.30 2.57 0.00	35.61 2.05 0.00	34.00 1.77 0.00	32.92 1.66 0.00	34.51 1.74 0.00	44.19 2.18 0.00	48.82 2.32 0.00	40.60 2.41 0.00	37.75 2.50 0.00	34.85 2.43 -0.01	36.19 2.59 -0.01	36.90 2.70 -0.02	38.31 2.93 0.00	38.85 3.04 -0.01	41.24 3.44 0.00	47.35 3.59 0.00	50.99 2.84 0.01	59.20 2.33 0.00	57.01 1.82 0.02	50.39 1.66 0.00	45.61 1.76 0.00	43.16 1.78 0.00	39.34 1.66 0.00

BARRETT_IC_6 23709	45.69 3.19 -0.01	40.05 2.97 -0.34	36.12 2.55 -0.01	34.42 2.19 0.00	33.36 2.09 0.00	34.97 2.20 0.00	44.40 2.39 0.00	48.77 2.28 0.00	40.71 2.52 0.00	37.89 2.64 0.00	37.42 2.53 -2.48	39.24 2.65 -2.99	43.76 2.77 -6.80	43.55 2.93 -5.24	48.36 3.08 -9.47	48.92 3.44 -7.68	50.36 3.68 -2.92	51.52 3.23 -0.14	59.59 2.73 0.00	57.36 2.15 0.00	51.02 2.29 0.00	45.97 2.11 -0.01	43.69 2.32 0.00	39.91 2.22 0.00
BARRETT_IC_7 23710	45.68 3.19 0.00	40.05 2.98 -0.34	36.15 2.58 0.00	34.42 2.19 0.00	33.30 2.03 0.00	35.00 2.23 0.00	44.40 2.39 0.00	49.10 2.60 0.00	40.71 2.52 0.00	37.93 2.68 0.00	37.42 2.53 -2.48	39.24 2.65 -2.99	43.73 2.74 -6.80	43.62 3.01 -5.24	48.36 3.08 -9.47	49.00 3.52 -7.68	50.44 3.76 -2.92	51.62 3.32 -0.14	59.37 2.50 0.00	56.75 1.55 0.00	50.58 1.85 0.00	46.14 2.28 0.00	43.61 2.23 0.00	39.68 2.00 0.00
BARRETT_IC_8 23711	45.69 3.19 -0.01	40.05 2.97 -0.34	36.12 2.55 -0.01	34.42 2.19 0.00	33.36 2.09 0.00	34.97 2.20 0.00	44.40 2.39 0.00	48.77 2.28 0.00	40.71 2.52 0.00	37.89 2.64 0.00	37.42 2.53 -2.48	39.24 2.65 -2.99	43.76 2.77 -6.80	43.55 2.93 -5.24	48.36 3.08 -9.47	48.92 3.44 -7.68	50.36 3.68 -2.92	51.52 3.23 -0.14	59.59 2.73 0.00	57.36 2.15 0.00	51.02 2.29 0.00	45.97 2.11 -0.01	43.69 2.32 0.00	39.91 2.22 0.00
BARRETT_IC_9 23700	45.69 3.19 -0.01	40.05 2.97 -0.34	36.12 2.55 -0.01	34.42 2.19 0.00	33.36 2.09 0.00	34.97 2.20 0.00	44.40 2.39 0.00	48.77 2.28 0.00	40.71 2.52 0.00	37.89 2.64 0.00	37.42 2.53 -2.48	39.24 2.65 -2.99	43.76 2.77 -6.80	43.55 2.93 -5.24	48.36 3.08 -9.47	48.92 3.44 -7.68	50.36 3.68 -2.92	51.52 3.23 -0.14	59.59 2.73 0.00	57.36 2.15 0.00	51.02 2.29 0.00	45.97 2.11 -0.01	43.69 2.32 0.00	39.91 2.22 0.00
BARRETT___1 23545	45.69 3.19 -0.01	40.05 2.97 -0.34	36.12 2.55 -0.01	34.42 2.19 0.00	33.36 2.09 0.00	34.97 2.20 0.00	44.40 2.39 0.00	48.77 2.28 0.00	40.71 2.52 0.00	37.89 2.64 0.00	37.42 2.53 -2.48	39.24 2.65 -2.99	43.76 2.77 -6.80	43.55 2.93 -5.24	48.36 3.08 -9.47	48.92 3.44 -7.68	50.36 3.68 -2.92	51.52 3.23 -0.14	59.59 2.73 0.00	57.36 2.15 0.00	51.02 2.29 0.00	45.97 2.11 -0.01	43.69 2.32 0.00	39.91 2.22 0.00
BARRETT___2 23546	45.69 3.19 -0.01	40.05 2.97 -0.34	36.12 2.55 -0.01	34.42 2.19 0.00	33.36 2.09 0.00	34.97 2.20 0.00	44.40 2.39 0.00	48.77 2.28 0.00	40.71 2.52 0.00	37.89 2.64 0.00	37.42 2.53 -2.48	39.24 2.65 -2.99	43.76 2.77 -6.80	43.55 2.93 -5.24	48.36 3.08 -9.47	48.92 3.44 -7.68	50.36 3.68 -2.92	51.52 3.23 -0.14	59.59 2.73 0.00	57.36 2.15 0.00	51.02 2.29 0.00	45.97 2.11 -0.01	43.69 2.32 0.00	39.91 2.22 0.00
BATAVIA___115KV_TB1 55881	39.59 -1.57 1.34	35.36 -0.92 0.45	32.88 -0.67 0.02	31.91 -0.32 0.00	30.76 -0.50 0.00	32.25 -0.52 0.00	39.39 -1.47 1.15	43.36 -1.35 1.78	37.39 -0.80 0.00	34.33 -0.92 0.00	31.57 -0.84 0.00	33.16 -0.44 0.00	33.85 -0.34 0.00	34.88 -0.50 0.00	35.30 -0.50 0.00	36.36 -1.32 0.12	41.39 -1.40 0.97	46.73 -0.82 0.61	54.83 -0.51 1.52	53.70 -0.22 1.29	46.56 -0.58 1.59	42.28 -0.66 0.92	39.19 -1.12 1.08	36.21 -0.75 0.72
BAYONEEC___CTG1 323682	45.17 2.68 0.00	39.30 2.57 0.00	35.61 2.05 0.00	34.00 1.77 0.00	32.89 1.62 0.00	34.51 1.74 0.00	44.23 2.23 0.00	48.87 2.37 0.00	40.64 2.45 0.00	37.79 2.54 0.00	34.88 2.46 -0.01	36.22 2.62 -0.01	36.94 2.74 -0.02	38.35 2.97 0.00	38.93 3.11 -0.01	41.31 3.52 0.00	47.43 3.68 0.00	51.15 2.99 0.00	59.31 2.44 0.00	57.14 1.93 0.00	50.53 1.80 0.00	45.66 1.80 0.00	43.16 1.78 0.00	39.34 1.66 0.00
BAYONEEC___CTG10 323750	45.17 2.68 0.00	39.30 2.57 0.00	35.61 2.05 0.00	34.00 1.77 0.00	32.89 1.62 0.00	34.51 1.74 0.00	44.23 2.23 0.00	48.87 2.37 0.00	40.64 2.45 0.00	37.79 2.54 0.00	34.88 2.46 -0.01	36.22 2.62 -0.01	36.94 2.74 -0.02	38.35 2.97 0.00	38.93 3.11 -0.01	41.31 3.52 0.00	47.43 3.68 0.00	51.15 2.99 0.00	59.31 2.44 0.00	57.14 1.93 0.00	50.53 1.80 0.00	45.66 1.80 0.00	43.16 1.78 0.00	39.34 1.66 0.00
BAYONEEC___CTG2 323683	45.17 2.68 0.00	39.30 2.57 0.00	35.61 2.05 0.00	34.00 1.77 0.00	32.89 1.62 0.00	34.51 1.74 0.00	44.23 2.23 0.00	48.87 2.37 0.00	40.64 2.45 0.00	37.79 2.54 0.00	34.88 2.46 -0.01	36.22 2.62 -0.01	36.94 2.74 -0.02	38.35 2.97 0.00	38.93 3.11 -0.01	41.31 3.52 0.00	47.43 3.68 0.00	51.15 2.99 0.00	59.31 2.44 0.00	57.14 1.93 0.00	50.53 1.80 0.00	45.66 1.80 0.00	43.16 1.78 0.00	39.34 1.66 0.00
BAYONEEC___CTG3 323684	45.17 2.68 0.00	39.30 2.57 0.00	35.61 2.05 0.00	34.00 1.77 0.00	32.89 1.62 0.00	34.51 1.74 0.00	44.23 2.23 0.00	48.87 2.37 0.00	40.64 2.45 0.00	37.79 2.54 0.00	34.88 2.46 -0.01	36.22 2.62 -0.01	36.94 2.74 -0.02	38.35 2.97 0.00	38.93 3.11 -0.01	41.31 3.52 0.00	47.43 3.68 0.00	51.15 2.99 0.00	59.31 2.44 0.00	57.14 1.93 0.00	50.53 1.80 0.00	45.66 1.80 0.00	43.16 1.78 0.00	39.34 1.66 0.00
BAYONEEC___CTG4 323685	45.17 2.68 0.00	39.30 2.57 0.00	35.61 2.05 0.00	34.00 1.77 0.00	32.89 1.62 0.00	34.51 1.74 0.00	44.23 2.23 0.00	48.87 2.37 0.00	40.64 2.45 0.00	37.79 2.54 0.00	34.88 2.46 -0.01	36.22 2.62 -0.01	36.94 2.74 -0.02	38.35 2.97 0.00	38.93 3.11 -0.01	41.31 3.52 0.00	47.43 3.68 0.00	51.15 2.99 0.00	59.31 2.44 0.00	57.14 1.93 0.00	50.53 1.80 0.00	45.66 1.80 0.00	43.16 1.78 0.00	39.34 1.66 0.00
BAYONEEC___CTG5 323686	45.17 2.68 0.00	39.30 2.57 0.00	35.61 2.05 0.00	34.00 1.77 0.00	32.89 1.62 0.00	34.51 1.74 0.00	44.23 2.23 0.00	48.87 2.37 0.00	40.64 2.45 0.00	37.79 2.54 0.00	34.88 2.46 -0.01	36.22 2.62 -0.01	36.94 2.74 -0.02	38.35 2.97 0.00	38.93 3.11 -0.01	41.31 3.52 0.00	47.43 3.68 0.00	51.15 2.99 0.00	59.31 2.44 0.00	57.14 1.93 0.00	50.53 1.80 0.00	45.66 1.80 0.00	43.16 1.78 0.00	39.34 1.66 0.00
BAYONEEC___CTG6 323687	45.17 2.68 0.00	39.30 2.57 0.00	35.61 2.05 0.00	34.00 1.77 0.00	32.89 1.62 0.00	34.51 1.74 0.00	44.23 2.23 0.00	48.87 2.37 0.00	40.64 2.45 0.00	37.79 2.54 0.00	34.88 2.46 -0.01	36.22 2.62 -0.01	36.94 2.74 -0.02	38.35 2.97 0.00	38.93 3.11 -0.01	41.31 3.52 0.00	47.43 3.68 0.00	51.15 2.99 0.00	59.31 2.44 0.00	57.14 1.93 0.00	50.53 1.80 0.00	45.66 1.80 0.00	43.16 1.78 0.00	39.34 1.66 0.00
BAYONEEC___CTG7 323688	45.17 2.68 0.00	39.30 2.57 0.00	35.61 2.05 0.00	34.00 1.77 0.00	32.89 1.62 0.00	34.51 1.74 0.00	44.23 2.23 0.00	48.87 2.37 0.00	40.64 2.45 0.00	37.79 2.54 0.00	34.88 2.46 -0.01	36.22 2.62 -0.01	36.94 2.74 -0.02	38.35 2.97 0.00	38.93 3.11 -0.01	41.31 3.52 0.00	47.43 3.68 0.00	51.15 2.99 0.00	59.31 2.44 0.00	57.14 1.93 0.00	50.53 1.80 0.00	45.66 1.80 0.00	43.16 1.78 0.00	39.34 1.66 0.00

BAYONEEC___CTG8 323689	45.17 2.68 0.00	39.30 2.57 0.00	35.61 2.05 0.00	34.00 1.77 0.00	32.89 1.62 0.00	34.51 1.74 0.00	44.23 2.23 0.00	48.87 2.37 0.00	40.64 2.45 0.00	37.79 2.54 0.00	34.88 2.46 -0.01	36.22 2.62 -0.01	36.94 2.74 -0.02	38.35 2.97 0.00	38.93 3.11 -0.01	41.31 3.52 0.00	47.43 3.68 0.00	51.15 2.99 0.00	59.31 2.44 0.00	57.14 1.93 0.00	50.53 1.80 0.00	45.66 1.80 0.00	43.16 1.78 0.00	39.34 1.66 0.00
BAYONEEC___CTG9 323749	45.17 2.68 0.00	39.30 2.57 0.00	35.61 2.05 0.00	34.00 1.77 0.00	32.89 1.62 0.00	34.51 1.74 0.00	44.23 2.23 0.00	48.87 2.37 0.00	40.64 2.45 0.00	37.79 2.54 0.00	34.88 2.46 -0.01	36.22 2.62 -0.01	36.94 2.74 -0.02	38.35 2.97 0.00	38.93 3.11 -0.01	41.31 3.52 0.00	47.43 3.68 0.00	51.15 2.99 0.00	59.31 2.44 0.00	57.14 1.93 0.00	50.53 1.80 0.00	45.66 1.80 0.00	43.16 1.78 0.00	39.34 1.66 0.00
BAYPORT_69_KV_BK 2 356364	46.91 4.42 0.00	41.34 4.26 -0.34	37.22 3.66 0.00	35.35 3.13 0.00	34.23 2.97 0.00	35.98 3.21 0.00	45.71 3.70 0.00	50.59 4.09 0.00	42.05 3.86 0.00	39.20 3.95 0.00	38.58 3.69 -2.48	40.45 3.86 -2.99	44.92 3.93 -6.80	44.71 4.10 -5.24	49.39 4.12 -9.47	50.28 4.80 -7.68	52.07 5.38 -2.93	49.00 4.77 3.93	60.84 3.98 0.00	57.86 2.65 0.00	51.94 3.22 0.00	47.37 3.51 0.00	44.73 3.35 0.00	40.62 2.94 0.00
BEACON___LESR 323632	43.56 1.06 0.00	37.94 1.21 0.00	34.77 1.21 0.00	33.36 1.13 0.00	32.33 1.06 0.00	33.92 1.15 0.00	43.14 1.13 0.00	47.57 1.07 0.00	38.95 0.76 0.00	35.92 0.67 0.00	32.99 0.58 0.00	34.13 0.54 0.00	34.63 0.44 0.00	35.80 0.43 0.00	36.31 0.50 0.00	38.48 0.68 0.00	44.50 0.74 0.00	49.02 0.87 0.00	58.06 1.20 0.00	56.42 1.21 0.00	49.80 1.07 0.00	44.78 0.92 0.00	42.33 0.95 0.00	38.55 0.87 0.00
BEAVER RIVER___HYD 24048	42.96 0.47 0.00	37.32 0.59 0.00	34.34 0.77 0.00	33.23 1.00 0.00	32.11 0.84 0.00	33.79 1.02 0.00	43.61 1.60 0.00	47.94 1.44 0.00	38.80 0.61 0.00	35.60 0.35 0.00	32.60 0.20 0.00	33.80 0.20 0.00	34.40 0.21 0.00	35.66 0.28 0.00	35.84 0.04 0.00	37.57 -0.23 0.00	43.50 -0.26 0.00	48.45 0.29 0.00	58.06 1.20 0.00	56.92 1.71 0.00	50.04 1.32 0.00	45.08 1.23 0.00	42.62 1.24 0.00	38.78 1.09 0.00
BEEBEE_GT_13 23619	39.55 -1.53 1.41	35.26 -0.99 0.48	32.74 -0.81 0.02	31.68 -0.55 0.00	30.61 -0.66 0.00	32.08 -0.69 0.00	39.32 -1.47 1.22	43.21 -1.39 1.89	37.27 -0.92 0.00	34.33 -0.92 0.00	31.60 -0.81 0.00	33.06 -0.54 0.00	33.74 -0.44 0.00	34.81 -0.57 0.00	35.20 -0.61 0.00	36.50 -1.17 0.12	41.51 -1.23 1.03	46.65 -0.87 0.64	54.58 -0.68 1.60	53.35 -0.50 1.35	46.33 -0.73 1.67	42.10 -0.79 0.97	39.17 -1.08 1.13	36.10 -0.83 0.76
BENSHRST_27_KV_BENSHRST_1 355998	45.72 3.23 0.00	39.71 2.98 0.00	35.95 2.38 0.00	34.23 2.00 0.00	33.11 1.84 0.00	34.57 1.80 0.00	44.24 2.23 0.00	49.05 2.56 0.00	40.52 2.33 0.00	37.72 2.47 0.00	34.88 2.46 -0.01	36.19 2.59 -0.01	36.91 2.70 -0.02	38.45 3.08 0.00	38.96 3.15 -0.01	41.43 3.63 0.00	47.83 4.07 0.00	51.23 3.08 0.00	59.30 2.45 0.01	57.02 1.82 0.01	50.39 1.66 0.00	45.70 1.84 0.00	43.28 1.90 0.00	39.45 1.77 0.00
BETHLEHEM___GRP 23843	42.96 0.47 0.00	37.47 0.73 0.00	34.37 0.81 0.00	32.94 0.71 0.00	31.92 0.66 0.00	33.49 0.72 0.00	42.56 0.55 0.00	46.91 0.42 0.00	38.53 0.34 0.00	35.57 0.32 0.00	32.70 0.29 0.00	33.83 0.24 0.00	34.36 0.17 0.00	35.52 0.14 0.00	36.06 0.25 0.00	38.21 0.42 0.00	44.11 0.35 0.00	48.49 0.34 0.00	57.20 0.34 0.00	55.48 0.28 0.00	49.02 0.29 0.00	44.16 0.31 0.00	41.75 0.37 0.00	38.06 0.38 0.00
BETHLEHEM___GS1 323560	42.96 0.47 0.00	37.47 0.73 0.00	34.37 0.80 0.00	32.94 0.71 0.00	31.92 0.66 0.00	33.49 0.72 0.00	42.55 0.54 0.00	46.91 0.42 0.00	38.53 0.34 0.00	35.56 0.32 0.00	32.73 0.32 0.00	33.83 0.24 0.00	34.36 0.17 0.00	35.52 0.14 0.00	36.02 0.22 0.00	38.21 0.42 0.00	44.11 0.35 0.00	48.50 0.34 0.00	57.21 0.34 0.00	55.54 0.33 0.00	49.07 0.34 0.00	44.17 0.31 0.00	41.75 0.37 0.00	38.10 0.42 0.00
BETHLEHEM___GS2 323561	42.96 0.47 0.00	37.47 0.73 0.00	34.37 0.80 0.00	32.94 0.71 0.00	31.92 0.66 0.00	33.49 0.72 0.00	42.55 0.54 0.00	46.91 0.42 0.00	38.53 0.34 0.00	35.56 0.32 0.00	32.73 0.32 0.00	33.83 0.24 0.00	34.36 0.17 0.00	35.52 0.14 0.00	36.02 0.22 0.00	38.21 0.42 0.00	44.11 0.35 0.00	48.50 0.34 0.00	57.21 0.34 0.00	55.54 0.33 0.00	49.07 0.34 0.00	44.17 0.31 0.00	41.75 0.37 0.00	38.10 0.42 0.00
BETHLEHEM___GS3 323562	42.96 0.47 0.00	37.47 0.73 0.00	34.37 0.80 0.00	32.94 0.71 0.00	31.92 0.66 0.00	33.49 0.72 0.00	42.55 0.54 0.00	46.91 0.42 0.00	38.53 0.34 0.00	35.56 0.32 0.00	32.73 0.32 0.00	33.83 0.24 0.00	34.36 0.17 0.00	35.52 0.14 0.00	36.02 0.22 0.00	38.21 0.42 0.00	44.11 0.35 0.00	48.50 0.34 0.00	57.21 0.34 0.00	55.54 0.33 0.00	49.07 0.34 0.00	44.17 0.31 0.00	41.75 0.37 0.00	38.10 0.42 0.00
BETHLEHEM___STEEL 23779	38.85 -2.42 1.22	34.66 -1.65 0.42	32.24 -1.31 0.02	31.23 -1.00 0.00	30.17 -1.09 0.00	31.49 -1.28 0.00	38.56 -2.39 1.06	42.40 -2.46 1.64	36.70 -1.49 0.00	33.87 -1.37 0.00	31.11 -1.30 0.00	32.75 -0.84 0.00	33.40 -0.79 0.00	34.46 -0.92 0.00	34.91 -0.90 0.00	36.03 -1.66 0.11	40.77 -2.10 0.89	45.81 -1.78 0.56	53.53 -1.93 1.40	52.42 -1.60 1.19	45.41 -1.85 1.46	41.12 -1.89 0.85	38.19 -2.19 0.99	35.40 -1.62 0.66
BETHLHEM_115KV_TB1 79974	43.05 0.55 0.00	37.51 0.77 0.00	34.40 0.84 0.00	32.97 0.74 0.00	31.95 0.69 0.00	33.52 0.75 0.00	42.60 0.59 0.00	46.96 0.46 0.00	38.57 0.38 0.00	35.60 0.35 0.00	32.76 0.36 0.00	33.86 0.27 0.00	34.43 0.24 0.00	35.59 0.21 0.00	36.13 0.32 0.00	38.25 0.45 0.00	44.20 0.44 0.00	48.59 0.43 0.00	57.32 0.45 0.00	55.59 0.39 0.00	49.12 0.39 0.00	44.21 0.35 0.00	41.79 0.41 0.00	38.10 0.41 0.00
BETHPAGE_CC_5 323564	45.82 3.32 -0.01	40.20 3.12 -0.34	36.26 2.69 -0.01	34.52 2.29 0.00	33.45 2.19 0.00	35.10 2.33 0.00	44.62 2.61 0.00	48.96 2.46 0.00	41.02 2.83 0.00	38.17 2.92 0.00	37.71 2.82 -2.48	39.50 2.92 -2.99	43.96 2.97 -6.80	43.80 3.19 -5.24	48.57 3.29 -9.47	49.11 3.63 -7.68	50.53 3.85 -2.92	51.74 3.42 -0.16	59.71 2.84 0.00	57.42 2.21 0.00	51.16 2.44 0.00	46.23 2.37 -0.01	43.94 2.57 0.00	40.21 2.53 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.94 -2.34 1.21	34.74 -1.58 0.41	32.31 -1.24 0.02	31.29 -0.93 0.00	30.20 -1.06 0.00	31.56 -1.21 0.00	38.65 -2.31 1.05	42.55 -2.32 1.62	36.81 -1.37 0.00	33.98 -1.27 0.00	31.21 -1.20 0.00	32.85 -0.74 0.00	33.51 -0.68 0.00	34.56 -0.81 0.00	35.02 -0.79 0.00	36.10 -1.59 0.11	40.86 -2.01 0.88	45.91 -1.69 0.56	53.66 -1.82 1.39	52.54 -1.49 1.18	45.52 -1.75 1.45	41.17 -1.84 0.84	38.24 -2.15 0.98	35.48 -1.55 0.66

BINGHAMTON___COGEN 23790	41.67 -0.51 0.32	36.37 -0.26 0.11	33.43 -0.13 0.00	32.16 -0.06 0.00	31.17 -0.09 0.00	32.61 -0.16 0.00	41.23 -0.50 0.27	45.61 -0.46 0.42	37.85 -0.34 0.00	34.97 -0.28 0.00	32.08 -0.32 0.00	33.39 -0.20 0.00	34.05 -0.14 0.00	35.23 -0.14 0.00	35.63 -0.18 0.00	37.51 -0.26 0.03	43.31 -0.22 0.23	48.00 0.00 0.15	56.71 0.23 0.38	55.21 0.33 0.32	48.33 0.00 0.40	43.49 -0.13 0.23	40.82 -0.29 0.27	37.24 -0.26 0.18
BIXINCNT_115KV_LOAD 355685	39.43 -1.95 1.11	35.07 -1.29 0.38	32.58 -0.97 0.01	31.52 -0.71 0.00	30.42 -0.84 0.00	31.82 -0.95 0.00	39.21 -1.85 0.96	43.30 -1.72 1.48	37.23 -0.95 0.00	34.58 -0.67 0.00	31.70 -0.71 0.00	33.39 -0.20 0.00	34.05 -0.14 0.00	35.13 -0.25 0.00	35.63 -0.18 0.00	36.83 -0.87 0.10	41.77 -1.18 0.80	46.88 -0.77 0.51	54.91 -0.68 1.27	53.63 -0.50 1.08	46.28 -1.12 1.33	41.68 -1.40 0.77	38.70 -1.78 0.90	35.73 -1.36 0.60
BLACK RIVER___HYD 24047	43.81 1.32 0.00	37.98 1.25 0.00	34.91 1.34 0.00	33.78 1.55 0.00	32.58 1.31 0.00	34.31 1.54 0.00	44.28 2.27 0.00	48.64 2.14 0.00	39.10 0.92 0.00	35.81 0.56 0.00	32.77 0.36 0.00	34.00 0.40 0.00	34.57 0.38 0.00	35.91 0.53 0.00	36.16 0.36 0.00	37.87 0.08 0.00	43.85 0.09 0.00	49.21 1.06 0.00	59.31 2.44 0.00	58.29 3.09 0.00	51.12 2.39 0.00	45.96 2.11 0.00	43.28 1.90 0.00	39.27 1.58 0.00
BLACKRVR_115KV_TB2 79977	43.81 1.32 0.00	38.02 1.29 0.00	34.91 1.34 0.00	33.78 1.55 0.00	32.58 1.31 0.00	34.31 1.54 0.00	44.28 2.27 0.00	48.59 2.09 0.00	39.11 0.92 0.00	35.81 0.56 0.00	32.76 0.36 0.00	34.00 0.40 0.00	34.56 0.38 0.00	35.91 0.53 0.00	36.16 0.36 0.00	37.72 -0.08 0.00	43.80 0.04 0.00	49.17 1.01 0.00	59.25 2.39 0.00	58.30 3.09 0.00	51.12 2.39 0.00	45.96 2.11 0.00	43.28 1.90 0.00	39.27 1.58 0.00
BLISS_WT_PWR 323608	39.43 -1.95 1.11	35.07 -1.29 0.38	32.54 -1.01 0.01	31.52 -0.71 0.00	30.42 -0.84 0.00	31.82 -0.95 0.00	39.21 -1.85 0.96	43.72 -1.30 1.48	37.24 -0.95 0.00	34.58 -0.67 0.00	31.63 -0.78 0.00	33.32 -0.27 0.00	34.05 -0.14 0.00	35.16 -0.21 0.00	35.66 -0.14 0.00	36.91 -0.80 0.10	41.90 -1.05 0.80	47.07 -0.58 0.51	54.91 -0.68 1.27	53.63 -0.50 1.08	46.33 -1.07 1.33	41.73 -1.36 0.77	38.74 -1.74 0.90	35.61 -1.47 0.60
BLUESTONE___WT_PWR 323821	43.68 1.40 0.22	38.02 1.36 0.07	34.84 1.28 0.00	33.48 1.26 0.00	32.42 1.16 0.00	34.02 1.24 0.00	43.04 1.22 0.19	47.51 1.30 0.29	38.99 0.80 0.00	35.99 0.74 0.00	32.96 0.55 0.00	34.26 0.67 0.00	34.91 0.72 0.00	36.22 0.85 0.00	36.70 0.90 0.00	38.31 0.53 0.02	44.30 0.70 0.16	49.52 1.49 0.13	58.93 2.39 0.32	57.70 2.76 0.27	50.49 2.09 0.33	45.42 1.76 0.19	42.60 1.45 0.22	38.78 1.24 0.15
BLUE_CIRC_CHEM_DRP 24182	43.56 1.06 0.00	37.91 1.18 0.00	34.74 1.17 0.00	33.29 1.06 0.00	32.26 1.00 0.00	33.82 1.05 0.00	42.98 0.97 0.00	47.38 0.88 0.00	38.72 0.53 0.00	35.64 0.39 0.00	32.73 0.32 0.00	33.89 0.30 0.00	34.43 0.24 0.00	35.59 0.21 0.00	36.13 0.32 0.00	38.29 0.49 0.00	44.28 0.53 0.00	48.83 0.67 0.00	57.89 1.02 0.00	56.25 1.05 0.00	49.65 0.93 0.00	44.69 0.83 0.00	42.21 0.83 0.00	38.47 0.79 0.00
BOC_GAS_DRP 24189	43.13 0.64 0.00	37.54 0.81 0.00	34.40 0.84 0.00	32.97 0.74 0.00	31.98 0.72 0.00	33.49 0.72 0.00	42.60 0.59 0.00	47.10 0.60 0.00	38.69 0.50 0.00	35.74 0.49 0.00	32.89 0.49 0.00	34.03 0.44 0.00	34.60 0.41 0.00	35.80 0.42 0.00	36.34 0.54 0.00	38.48 0.68 0.00	44.41 0.66 0.00	48.83 0.67 0.00	57.49 0.63 0.00	55.70 0.50 0.00	49.22 0.49 0.00	44.34 0.48 0.00	41.87 0.50 0.00	38.17 0.49 0.00
BOONVILLE_115KV_TB1 79983	43.00 0.51 0.00	37.36 0.62 0.00	34.30 0.74 0.00	33.10 0.87 0.00	32.01 0.75 0.00	33.62 0.85 0.00	43.19 1.18 0.00	47.61 1.12 0.00	38.76 0.57 0.00	35.64 0.39 0.00	32.70 0.29 0.00	33.89 0.30 0.00	34.50 0.31 0.00	35.76 0.39 0.00	36.13 0.32 0.00	37.95 0.15 0.00	43.98 0.22 0.00	48.78 0.63 0.00	58.11 1.25 0.00	56.81 1.60 0.00	49.95 1.22 0.00	44.91 1.05 0.00	42.33 0.95 0.00	38.51 0.83 0.00
BORALEX_4TH_BRANCH 23824	43.73 1.23 0.00	38.28 1.54 0.00	35.21 1.64 0.00	33.71 1.48 0.00	32.67 1.41 0.00	34.34 1.57 0.00	43.31 1.30 0.00	47.75 1.26 0.00	39.22 1.03 0.00	36.16 0.92 0.00	33.38 0.97 0.00	34.33 0.74 0.00	34.74 0.55 0.00	35.84 0.46 0.00	36.56 0.75 0.00	38.89 1.10 0.00	44.90 1.14 0.00	49.75 1.59 0.00	58.28 1.42 0.00	56.53 1.32 0.00	50.19 1.46 0.00	45.26 1.40 0.00	42.79 1.41 0.00	39.00 1.32 0.00
BOWLINE___1 23526	44.53 2.04 0.00	38.75 2.02 0.00	35.21 1.64 0.00	33.65 1.42 0.00	32.58 1.31 0.00	34.18 1.41 0.00	43.69 1.68 0.00	48.26 1.77 0.00	39.98 1.80 0.00	37.15 1.90 0.00	34.25 1.85 0.00	35.57 1.98 0.00	36.27 2.09 0.00	37.64 2.27 0.00	38.20 2.40 0.00	40.48 2.68 0.00	46.60 2.84 0.00	50.56 2.41 0.00	59.02 2.16 0.00	56.97 1.77 0.00	50.14 1.41 0.00	45.17 1.31 0.00	42.70 1.32 0.00	38.97 1.28 0.00
BOWLINE___2 23595	44.53 2.04 0.00	38.75 2.02 0.00	35.21 1.64 0.00	33.65 1.42 0.00	32.58 1.31 0.00	34.18 1.41 0.00	43.69 1.68 0.00	48.26 1.77 0.00	39.98 1.80 0.00	37.15 1.90 0.00	34.25 1.85 0.00	35.57 1.98 0.00	36.27 2.09 0.00	37.64 2.27 0.00	38.20 2.40 0.00	40.48 2.68 0.00	46.60 2.84 0.00	50.56 2.41 0.00	59.02 2.16 0.00	56.97 1.77 0.00	50.14 1.41 0.00	45.17 1.31 0.00	42.70 1.32 0.00	38.97 1.28 0.00
BRADY___115KV_TB2 356060	43.34 0.85 0.00	37.18 0.44 0.00	33.87 0.30 0.00	32.62 0.39 0.00	31.61 0.34 0.00	33.16 0.39 0.00	43.02 1.01 0.00	47.33 0.84 0.00	38.72 0.53 0.00	35.57 0.32 0.00	32.70 0.29 0.00	33.79 0.20 0.00	34.43 0.24 0.00	35.59 0.21 0.00	35.70 -0.11 0.00	37.42 -0.38 0.00	43.28 -0.48 0.00	47.68 -0.48 0.00	56.64 -0.23 0.00	55.48 0.28 0.00	49.12 0.39 0.00	44.43 0.57 0.00	42.25 0.87 0.00	38.47 0.79 0.00
BRANSCOMB___SOLAR 323811	43.98 1.49 0.00	38.24 1.51 0.00	35.08 1.51 0.00	33.65 1.42 0.00	32.58 1.31 0.00	34.21 1.44 0.00	43.56 1.56 0.00	47.94 1.44 0.00	39.03 0.84 0.00	35.74 0.49 0.00	32.77 0.36 0.00	33.83 0.24 0.00	34.26 0.07 0.00	35.38 0.00 0.00	35.91 0.11 0.00	38.14 0.34 0.00	44.15 0.39 0.00	48.97 0.82 0.00	58.34 1.48 0.00	56.92 1.71 0.00	50.29 1.56 0.00	45.17 1.31 0.00	42.74 1.36 0.00	38.89 1.21 0.00
BRDGHMPT_69_KV_BK1 55812	47.30 4.80 0.00	41.71 4.63 -0.34	37.46 3.89 0.00	35.61 3.38 0.00	34.52 3.25 0.00	36.24 3.47 0.00	45.96 3.95 0.00	50.82 4.32 0.00	42.24 4.05 0.00	39.51 4.26 0.00	39.04 4.15 -2.48	41.09 4.50 -2.99	45.71 4.72 -6.80	45.35 4.74 -5.24	49.97 4.69 -9.47	51.00 5.52 -7.68	52.86 6.17 -2.93	68.50 5.68 -14.66	61.70 4.83 0.00	58.41 3.20 0.00	52.43 3.70 0.00	47.41 3.55 0.00	44.94 3.56 0.00	41.00 3.32 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	46.49 3.99 0.00	40.86 3.78 -0.34	36.85 3.29 0.00	35.03 2.80 0.00	33.89 2.63 0.00	35.65 2.88 0.00	45.29 3.28 0.00	50.12 3.63 0.00	41.63 3.44 0.00	38.77 3.52 0.00	38.19 3.31 -2.48	40.04 3.46 -2.99	44.51 3.52 -6.80	44.36 3.75 -5.24	49.07 3.80 -9.47	49.79 4.31 -7.68	51.41 4.73 -2.92	52.68 4.24 -0.28	60.05 3.18 0.00	57.19 1.99 0.00	51.36 2.63 0.00	47.02 3.16 0.00	44.40 3.02 0.00	40.32 2.64 0.00
BRISTLHL_115KV_TB1 79998	42.34 -1.10 -0.95	36.18 -0.88 -0.32	32.84 -0.74 -0.01	31.58 -0.64 0.00	30.64 -0.63 0.00	32.05 -0.72 0.00	41.78 -1.05 -0.82	46.64 -1.12 -1.26	37.20 -0.99 0.00	34.30 -0.95 0.00	31.47 -0.94 0.00	32.69 -0.91 0.00	33.30 -0.89 0.00	34.42 -0.96 0.00	34.80 -1.00 0.00	36.78 -1.10 -0.08	43.31 -1.14 -0.69	47.59 -1.01 -0.44	56.94 -1.02 -1.10	55.15 -0.99 -0.93	48.96 -0.93 -1.15	43.61 -0.92 -0.67	41.17 -0.99 -0.78	37.30 -0.90 -0.52
BROOKHAVEN___DRP 24191	46.45 3.95 0.00	41.01 3.93 -0.34	36.92 3.36 0.00	35.10 2.87 0.00	34.02 2.75 0.00	35.72 2.95 0.00	45.37 3.36 0.00	50.17 3.67 0.00	41.66 3.48 0.00	38.81 3.56 0.00	38.26 3.37 -2.48	40.11 3.53 -2.99	44.58 3.59 -6.80	44.18 3.57 -5.24	48.75 3.47 -9.47	49.75 4.27 -7.68	51.46 4.77 -2.93	66.93 4.09 -14.68	60.05 3.18 0.00	57.03 1.82 0.00	51.36 2.63 0.00	46.71 2.85 0.00	44.27 2.90 0.00	40.32 2.64 0.00
BROOKLYN_NAVY_YARD 23515	45.13 2.64 0.00	39.30 2.57 0.00	35.58 2.01 0.00	33.97 1.74 0.00	32.86 1.59 0.00	34.51 1.74 0.00	44.23 2.23 0.00	48.91 2.42 0.00	40.67 2.48 0.00	37.82 2.57 0.00	34.88 2.46 -0.01	36.22 2.62 -0.01	36.91 2.70 -0.02	38.35 2.97 0.00	38.93 3.11 -0.01	41.31 3.52 0.00	47.43 3.68 0.00	51.15 2.99 0.00	59.31 2.44 0.00	57.14 1.93 0.00	50.48 1.75 0.00	45.57 1.71 0.00	43.20 1.82 0.00	39.34 1.66 0.00
BROOKLYN___ARMY_DRP 323595	45.55 3.06 0.00	39.56 2.83 0.00	35.78 2.22 0.00	34.10 1.87 0.00	32.98 1.72 0.00	34.44 1.67 0.00	44.07 2.06 0.00	48.87 2.37 0.00	40.33 2.14 0.00	37.54 2.29 0.00	34.72 2.30 -0.01	36.02 2.42 -0.01	36.73 2.53 -0.02	38.28 2.90 0.00	38.78 2.97 -0.01	41.24 3.44 0.00	47.56 3.81 0.00	50.95 2.79 0.00	58.96 2.10 0.01	56.69 1.49 0.01	50.14 1.41 0.00	45.48 1.62 0.00	43.07 1.70 0.00	39.27 1.58 0.00
BROOME_2_LFGE 323671	41.67 -0.51 0.32	36.37 -0.26 0.11	33.39 -0.17 0.00	32.16 -0.06 0.00	31.17 -0.09 0.00	32.61 -0.16 0.00	41.23 -0.50 0.27	45.70 -0.37 0.42	37.81 -0.38 0.00	34.96 -0.28 0.00	32.05 -0.36 0.00	33.36 -0.23 0.00	34.05 -0.14 0.00	35.23 -0.14 0.00	35.63 -0.18 0.00	37.54 -0.23 0.03	43.35 -0.17 0.23	48.05 0.05 0.15	56.71 0.23 0.38	55.22 0.33 0.32	48.38 0.05 0.40	43.49 -0.13 0.23	40.82 -0.29 0.27	37.24 -0.26 0.18
BROOME___LFGE 323600	41.67 -0.51 0.32	36.37 -0.26 0.11	33.39 -0.17 0.00	32.16 -0.06 0.00	31.17 -0.09 0.00	32.61 -0.16 0.00	41.23 -0.50 0.27	45.70 -0.37 0.42	37.81 -0.38 0.00	34.96 -0.28 0.00	32.05 -0.36 0.00	33.36 -0.23 0.00	34.05 -0.14 0.00	35.23 -0.14 0.00	35.63 -0.18 0.00	37.54 -0.23 0.03	43.35 -0.17 0.23	48.05 0.05 0.15	56.71 0.23 0.38	55.22 0.33 0.32	48.38 0.05 0.40	43.49 -0.13 0.23	40.82 -0.29 0.27	37.24 -0.26 0.18
BROWNFLS_115KV_TB 3_5 80003	42.92 0.42 0.00	37.10 0.37 0.00	34.00 0.44 0.00	32.84 0.61 0.00	31.76 0.50 0.00	33.39 0.62 0.00	43.19 1.18 0.00	47.47 0.98 0.00	38.65 0.46 0.00	35.46 0.21 0.00	32.57 0.16 0.00	33.69 0.10 0.00	34.29 0.10 0.00	35.55 0.18 0.00	35.63 -0.18 0.00	37.19 -0.60 0.00	43.01 -0.74 0.00	47.63 -0.53 0.00	56.81 -0.06 0.00	55.70 0.50 0.00	49.22 0.49 0.00	44.43 0.57 0.00	42.25 0.87 0.00	38.51 0.83 0.00
BROWNSV1_27_KV_LOAD 356125	45.60 3.10 0.00	39.64 2.90 0.00	35.95 2.38 0.00	34.29 2.06 0.00	33.17 1.91 0.00	34.80 2.03 0.00	44.57 2.56 0.00	49.56 3.07 0.00	40.98 2.79 0.00	38.10 2.86 0.00	35.17 2.75 -0.01	36.52 2.92 -0.01	37.25 3.04 -0.02	38.74 3.36 0.00	39.25 3.44 -0.01	41.73 3.93 0.00	47.96 4.20 0.00	51.72 3.56 0.00	60.05 3.18 0.00	57.74 2.54 0.00	50.97 2.24 0.00	46.09 2.24 0.00	43.57 2.19 0.00	39.61 1.92 0.00
BURROWS___LYONSDAL 23803	42.92 0.42 0.00	37.32 0.59 0.00	34.30 0.74 0.00	33.13 0.90 0.00	32.05 0.78 0.00	33.69 0.92 0.00	43.31 1.30 0.00	47.70 1.21 0.00	38.76 0.57 0.00	35.64 0.39 0.00	32.67 0.26 0.00	33.89 0.30 0.00	34.46 0.27 0.00	35.73 0.35 0.00	36.09 0.29 0.00	37.84 0.04 0.00	43.85 0.09 0.00	48.73 0.58 0.00	58.11 1.25 0.00	56.81 1.60 0.00	50.00 1.27 0.00	44.95 1.10 0.00	42.41 1.03 0.00	38.59 0.90 0.00
CAITHNESS_CC_1 323624	46.33 3.83 -0.01	40.86 3.78 -0.34	36.76 3.19 -0.01	34.97 2.74 0.00	33.98 2.72 0.00	35.55 2.78 0.00	45.24 3.23 0.00	49.66 3.16 0.00	41.55 3.36 0.00	38.67 3.42 0.00	38.13 3.24 -2.48	39.98 3.39 -2.99	44.58 3.59 -6.80	44.04 3.43 -5.24	48.82 3.55 -9.47	49.60 4.12 -7.68	51.20 4.51 -2.93	53.79 4.05 -1.58	60.39 3.53 0.00	58.07 2.87 0.00	51.94 3.22 0.00	46.71 2.85 -0.01	44.44 3.06 0.00	40.62 2.94 0.00
CALPINE BETH_PAGE_GT4 24209	45.81 3.31 0.00	40.20 3.12 -0.34	36.25 2.69 0.00	34.48 2.26 0.00	33.39 2.13 0.00	35.10 2.33 0.00	44.61 2.60 0.00	49.33 2.84 0.00	40.98 2.79 0.00	38.17 2.93 0.00	37.68 2.79 -2.48	39.51 2.92 -2.99	44.00 3.01 -6.80	43.87 3.25 -5.24	48.61 3.33 -9.47	49.11 3.63 -7.68	50.58 3.89 -2.92	51.78 3.47 -0.16	59.37 2.50 0.00	56.70 1.49 0.00	50.58 1.85 0.00	46.36 2.50 0.00	43.82 2.44 0.00	39.87 2.19 0.00
CALPINE_BETH_PAGE_GT_4 323586	45.82 3.32 -0.01	40.20 3.12 -0.34	36.22 2.65 -0.01	34.48 2.26 0.00	33.45 2.19 0.00	35.06 2.29 0.00	44.62 2.61 0.00	49.00 2.51 0.00	40.98 2.79 0.00	38.17 2.92 0.00	37.68 2.79 -2.48	39.47 2.89 -2.99	43.96 2.97 -6.80	43.80 3.19 -5.24	48.61 3.33 -9.47	49.03 3.55 -7.68	50.49 3.81 -2.92	51.68 3.37 -0.16	59.65 2.79 0.00	57.36 2.15 0.00	51.12 2.39 0.00	46.23 2.37 -0.01	43.90 2.52 0.00	40.10 2.41 0.00
CALPINE_BP_GT1 23823	45.82 3.32 -0.01	40.20 3.12 -0.34	36.22 2.65 -0.01	34.48 2.26 0.00	33.45 2.19 0.00	35.06 2.29 0.00	44.62 2.61 0.00	49.00 2.51 0.00	40.98 2.79 0.00	38.17 2.92 0.00	37.68 2.79 -2.48	39.47 2.89 -2.99	43.96 2.97 -6.80	43.80 3.19 -5.24	48.61 3.33 -9.47	49.03 3.55 -7.68	50.49 3.81 -2.92	51.68 3.37 -0.16	59.65 2.79 0.00	57.36 2.15 0.00	51.12 2.39 0.00	46.23 2.37 -0.01	43.90 2.52 0.00	40.10 2.41 0.00
CALSPAN___DRP 24200	38.85 -2.42 1.22	34.66 -1.65 0.42	32.24 -1.31 0.02	31.23 -1.00 0.00	30.17 -1.09 0.00	31.49 -1.28 0.00	38.56 -2.39 1.06	42.40 -2.46 1.64	36.70 -1.49 0.00	33.87 -1.37 0.00	31.11 -1.30 0.00	32.75 -0.84 0.00	33.40 -0.79 0.00	34.46 -0.92 0.00	34.91 -0.90 0.00	36.03 -1.66 0.11	40.77 -2.10 0.89	45.81 -1.78 0.56	53.53 -1.93 1.40	52.42 -1.60 1.19	45.41 -1.85 1.46	41.12 -1.89 0.85	38.19 -2.19 0.99	35.40 -1.62 0.66

CALVERTON___SOLAR 323806	46.58 4.08 -0.01	41.15 4.08 -0.34	37.00 3.43 -0.01	35.19 2.96 0.00	34.20 2.94 0.00	35.78 3.01 0.00	45.49 3.48 0.00	49.94 3.44 0.00	41.78 3.59 0.00	38.91 3.67 0.00	38.36 3.47 -2.48	40.25 3.66 -2.99	44.85 3.86 -6.80	44.22 3.61 -5.24	49.00 3.72 -9.47	49.86 4.38 -7.68	51.55 4.86 -2.93	66.33 4.48 -13.69	60.90 4.04 0.00	58.57 3.37 0.00	52.33 3.61 0.00	46.89 3.02 -0.01	44.69 3.31 0.00	40.88 3.20 0.00
CANDIGU_WT_PWR 323617	40.39 -1.27 0.83	35.64 -0.81 0.28	32.92 -0.64 0.01	31.81 -0.42 0.00	30.80 -0.47 0.00	32.18 -0.59 0.00	40.03 -1.26 0.72	44.41 -0.98 1.11	37.12 -1.07 0.00	34.22 -1.02 0.00	31.27 -1.14 0.00	32.72 -0.87 0.00	33.44 -0.75 0.00	34.56 -0.81 0.00	34.98 -0.82 0.00	36.51 -1.21 0.07	41.93 -1.22 0.60	47.05 -0.72 0.38	55.45 -0.46 0.96	54.23 -0.17 0.81	47.14 -0.58 1.00	42.53 -0.75 0.58	39.67 -1.03 0.68	36.33 -0.90 0.45
CARR STREET_E_SYR 24060	41.17 -0.81 0.51	35.94 -0.62 0.17	33.06 -0.50 0.01	31.81 -0.42 0.00	30.86 -0.41 0.00	32.28 -0.49 0.00	40.77 -0.80 0.44	45.07 -0.75 0.68	37.46 -0.73 0.00	34.58 -0.67 0.00	31.70 -0.71 0.00	32.92 -0.67 0.00	33.57 -0.61 0.00	34.74 -0.64 0.00	35.12 -0.68 0.00	36.96 -0.80 0.04	42.60 -0.79 0.37	47.28 -0.63 0.25	55.67 -0.57 0.63	54.12 -0.55 0.53	47.49 -0.58 0.66	42.91 -0.57 0.38	40.23 -0.70 0.44	36.71 -0.68 0.30
CARTHAGE___PAPER 23857	43.39 0.89 0.00	37.65 0.92 0.00	34.61 1.04 0.00	33.48 1.26 0.00	32.33 1.06 0.00	34.05 1.28 0.00	43.98 1.97 0.00	48.31 1.81 0.00	38.99 0.80 0.00	35.70 0.46 0.00	32.70 0.29 0.00	33.89 0.30 0.00	34.46 0.27 0.00	35.80 0.43 0.00	35.98 0.18 0.00	37.72 -0.08 0.00	43.67 -0.09 0.00	48.78 0.62 0.00	58.63 1.76 0.00	57.58 2.37 0.00	50.58 1.85 0.00	45.52 1.67 0.00	42.99 1.61 0.00	39.04 1.35 0.00
CASSADAGA_WT_PWR 323784	39.84 -1.53 1.13	35.43 -0.92 0.38	32.91 -0.64 0.02	31.87 -0.35 0.00	30.80 -0.47 0.00	32.21 -0.56 0.00	39.73 -1.30 0.97	44.29 -0.70 1.51	37.69 -0.50 0.00	34.93 -0.32 0.00	31.95 -0.45 0.00	33.69 0.10 0.00	34.46 0.27 0.00	35.59 0.21 0.00	36.13 0.32 0.00	37.40 -0.30 0.10	42.46 -0.48 0.82	47.69 0.05 0.52	55.68 0.11 1.29	54.33 0.22 1.10	46.89 -0.49 1.35	42.15 -0.92 0.79	39.06 -1.41 0.92	35.79 -1.28 0.61
CE_DUNWOOD___DRP 24194	44.87 2.38 0.00	39.09 2.35 0.00	35.51 1.95 0.00	33.87 1.64 0.00	32.80 1.53 0.00	34.41 1.64 0.00	43.98 1.97 0.00	48.82 2.32 0.00	40.33 2.14 0.00	37.47 2.22 0.00	34.58 2.17 0.00	35.88 2.28 0.00	36.58 2.39 0.00	37.99 2.62 0.00	38.53 2.72 0.00	40.90 3.10 0.00	47.08 3.33 0.00	51.00 2.84 0.00	59.42 2.56 0.00	57.19 1.99 0.00	50.43 1.71 0.00	45.57 1.71 0.00	42.99 1.61 0.00	39.12 1.43 0.00
CE_MILLWOOD___DRP 24193	44.75 2.25 0.00	38.94 2.20 0.00	35.41 1.85 0.00	33.78 1.55 0.00	32.70 1.44 0.00	34.31 1.54 0.00	43.86 1.85 0.00	48.63 2.14 0.00	40.18 1.99 0.00	37.33 2.08 0.00	34.45 2.04 0.00	35.74 2.15 0.00	36.45 2.26 0.00	37.85 2.48 0.00	38.35 2.54 0.00	40.71 2.91 0.00	46.86 3.11 0.00	50.81 2.65 0.00	59.31 2.45 0.00	57.08 1.88 0.00	50.29 1.56 0.00	45.44 1.58 0.00	42.91 1.53 0.00	39.04 1.36 0.00
CE_NYC2_DRP 24202	45.30 2.80 0.00	39.38 2.64 0.00	35.68 2.11 0.00	34.00 1.77 0.00	32.89 1.63 0.00	34.47 1.70 0.00	44.07 2.06 0.00	48.91 2.42 0.00	40.44 2.25 0.00	37.64 2.40 0.00	34.81 2.40 -0.01	36.12 2.52 -0.01	36.84 2.63 -0.02	38.35 2.97 0.00	38.82 3.01 -0.01	41.27 3.48 0.00	47.56 3.81 0.00	50.99 2.84 0.00	50.72 2.16 8.30	50.28 1.55 6.47	50.24 1.51 0.00	45.52 1.67 0.00	43.03 1.66 0.00	39.23 1.55 0.00
CE_NYC_DRP 24195	45.30 2.80 0.00	39.38 2.64 0.00	35.71 2.15 0.00	34.07 1.84 0.00	32.98 1.72 0.00	34.61 1.84 0.00	44.32 2.31 0.00	49.24 2.74 0.00	40.71 2.52 0.00	37.86 2.61 0.00	34.98 2.56 -0.01	36.32 2.72 -0.01	37.01 2.80 -0.02	38.49 3.11 0.00	39.00 3.19 -0.01	41.46 3.67 0.00	47.65 3.89 0.00	51.38 3.23 0.01	59.59 2.73 0.00	57.30 2.10 0.01	50.63 1.90 0.00	45.79 1.93 0.00	43.28 1.90 0.00	39.34 1.66 0.00
CHAFFEE___LFGE 323603	39.08 -2.25 1.16	34.83 -1.51 0.40	32.31 -1.24 0.02	31.33 -0.90 0.00	30.26 -1.00 0.00	31.62 -1.15 0.00	38.82 -2.19 1.00	43.27 -1.67 1.55	36.89 -1.30 0.00	34.09 -1.16 0.00	31.21 -1.20 0.00	32.89 -0.71 0.00	33.61 -0.58 0.00	34.70 -0.67 0.00	35.12 -0.68 0.00	36.34 -1.36 0.10	41.21 -1.71 0.84	46.32 -1.30 0.53	53.94 -1.59 1.33	52.75 -1.33 1.13	45.73 -1.61 1.39	41.34 -1.71 0.81	38.41 -2.03 0.94	35.40 -1.66 0.63
CHATEAUG_35_KV_LOAD 355732	42.71 0.21 0.00	36.70 -0.04 0.00	33.43 -0.13 0.00	32.16 -0.06 0.00	31.20 -0.06 0.00	32.71 -0.07 0.00	42.30 0.29 0.00	46.73 0.23 0.00	38.38 0.19 0.00	35.32 0.07 0.00	32.41 0.00 0.00	33.49 -0.10 0.00	34.09 -0.10 0.00	35.23 -0.14 0.00	35.55 -0.25 0.00	37.46 -0.34 0.00	43.41 -0.35 0.00	47.87 -0.29 0.00	56.69 -0.17 0.00	55.37 0.17 0.00	48.97 0.24 0.00	44.16 0.31 0.00	41.71 0.33 0.00	37.95 0.26 0.00
CHATEAUG_WT_PWR 323614	42.66 0.17 0.00	36.66 -0.07 0.00	33.46 -0.10 0.00	32.13 -0.10 0.00	31.17 -0.09 0.00	32.67 -0.10 0.00	42.26 0.25 0.00	46.68 0.19 0.00	38.38 0.19 0.00	35.32 0.07 0.00	32.44 0.03 0.00	33.53 -0.07 0.00	34.12 -0.07 0.00	35.27 -0.11 0.00	35.59 -0.21 0.00	37.46 -0.34 0.00	43.45 -0.30 0.00	47.82 -0.33 0.00	56.75 -0.11 0.00	55.26 0.06 0.00	48.88 0.15 0.00	44.08 0.22 0.00	41.67 0.29 0.00	37.91 0.23 0.00
CHAT_HIGH_FALL_HYD 323578	42.71 0.21 0.00	36.70 -0.04 0.00	33.43 -0.13 0.00	32.16 -0.06 0.00	31.20 -0.06 0.00	32.71 -0.07 0.00	42.30 0.29 0.00	46.73 0.23 0.00	38.38 0.19 0.00	35.32 0.07 0.00	32.41 0.00 0.00	33.49 -0.10 0.00	34.09 -0.10 0.00	35.23 -0.14 0.00	35.55 -0.25 0.00	37.46 -0.34 0.00	43.41 -0.35 0.00	47.87 -0.29 0.00	56.69 -0.17 0.00	55.37 0.17 0.00	48.97 0.24 0.00	44.16 0.31 0.00	41.71 0.33 0.00	37.95 0.26 0.00
CHAUTAUQUA___LFGE 323629	39.42 -1.91 1.17	35.09 -1.25 0.40	32.61 -0.94 0.02	31.58 -0.64 0.00	30.51 -0.75 0.00	31.92 -0.85 0.00	39.24 -1.76 1.01	43.73 -1.21 1.56	37.27 -0.92 0.00	34.51 -0.74 0.00	31.57 -0.84 0.00	33.26 -0.34 0.00	34.02 -0.17 0.00	35.16 -0.21 0.00	35.63 -0.18 0.00	36.90 -0.80 0.10	41.91 -1.00 0.85	47.05 -0.58 0.54	54.90 -0.62 1.34	53.63 -0.44 1.13	46.36 -0.97 1.40	41.73 -1.31 0.81	38.73 -1.70 0.95	35.54 -1.51 0.63
CHERRYST_13_KV_LD 356241	45.43 2.93 0.00	39.49 2.76 0.00	35.85 2.28 0.00	34.16 1.93 0.00	33.08 1.81 0.00	34.70 1.93 0.00	44.45 2.44 0.00	49.43 2.93 0.00	40.86 2.67 0.00	38.00 2.75 0.00	35.11 2.69 -0.01	36.46 2.86 -0.01	37.18 2.97 -0.02	38.67 3.29 0.00	39.18 3.37 -0.01	41.62 3.82 0.00	47.83 4.07 0.00	51.57 3.42 0.01	59.82 2.96 0.00	57.52 2.32 0.01	50.77 2.05 0.00	45.92 2.06 0.00	43.41 2.03 0.00	39.45 1.77 0.00

CHESTROR_138KV_BK263 355645	44.28 1.78 0.00	38.50 1.76 0.00	35.08 1.51 0.00	33.49 1.26 0.00	32.45 1.19 0.00	34.02 1.25 0.00	43.44 1.43 0.00	48.17 1.67 0.00	39.68 1.49 0.00	36.80 1.55 0.00	33.90 1.49 0.00	35.24 1.65 0.00	35.90 1.71 0.00	37.25 1.87 0.00	37.77 1.97 0.00	40.07 2.27 0.00	46.21 2.45 0.00	50.28 2.12 0.00	58.85 1.99 0.00	56.75 1.55 0.00	50.00 1.27 0.00	45.04 1.18 0.00	42.54 1.16 0.00	38.74 1.06 0.00
CH_MIDHUDSON___DRP 24192	44.66 2.17 0.00	38.90 2.17 0.00	35.38 1.81 0.00	33.78 1.55 0.00	32.73 1.47 0.00	34.34 1.57 0.00	43.82 1.81 0.00	48.54 2.05 0.00	39.98 1.79 0.00	37.05 1.80 0.00	34.13 1.72 0.00	35.44 1.85 0.00	36.10 1.91 0.00	37.46 2.09 0.00	37.99 2.18 0.00	40.29 2.49 0.00	46.51 2.76 0.00	50.61 2.46 0.00	59.19 2.33 0.00	57.08 1.88 0.00	50.34 1.61 0.00	45.39 1.54 0.00	42.87 1.49 0.00	39.04 1.36 0.00
CH_MISC_IPPS 23765	44.87 2.38 0.00	39.09 2.35 0.00	35.51 1.95 0.00	33.94 1.71 0.00	32.86 1.59 0.00	34.47 1.70 0.00	44.03 2.02 0.00	48.59 2.09 0.00	40.06 1.87 0.00	37.08 1.83 0.00	34.16 1.75 0.00	35.51 1.91 0.00	36.17 1.98 0.00	37.50 2.12 0.00	38.10 2.29 0.00	40.37 2.57 0.00	46.60 2.84 0.00	50.71 2.55 0.00	59.48 2.62 0.00	57.47 2.26 0.00	50.58 1.85 0.00	45.48 1.62 0.00	43.04 1.66 0.00	39.27 1.58 0.00
CH_RES_BVR_FALLS 23983	42.45 -0.04 0.00	36.62 -0.11 0.00	33.50 -0.07 0.00	32.16 -0.06 0.00	31.20 -0.06 0.00	32.71 -0.07 0.00	42.01 0.00 0.00	46.50 0.00 0.00	38.19 0.00 0.00	35.21 -0.04 0.00	32.38 -0.03 0.00	33.53 -0.07 0.00	34.12 -0.07 0.00	35.31 -0.07 0.00	35.70 -0.11 0.00	37.65 -0.15 0.00	43.63 -0.13 0.00	47.96 -0.19 0.00	56.75 -0.11 0.00	55.10 -0.11 0.00	48.68 -0.05 0.00	43.86 0.00 0.00	41.38 0.00 0.00	37.68 0.00 0.00
CH_RES_NIAGARA 23895	37.75 -3.44 1.30	33.87 -2.42 0.44	31.50 -2.05 0.02	30.55 -1.68 0.00	29.54 -1.72 0.00	30.74 -2.03 0.00	37.28 -3.61 1.12	40.95 -3.81 1.74	35.78 -2.41 0.00	32.99 -2.26 0.00	30.30 -2.11 0.00	31.88 -1.71 0.00	32.51 -1.68 0.00	33.54 -1.84 0.00	33.94 -1.86 0.00	34.96 -2.72 0.11	39.53 -3.28 0.94	44.43 -3.13 0.60	51.74 -3.64 1.48	50.69 -3.26 1.26	44.01 -3.17 1.55	39.89 -3.07 0.90	37.14 -3.19 1.05	34.49 -2.49 0.70
CH_RES_SYRACUSE 23985	42.33 -0.42 -0.26	36.53 -0.30 -0.09	33.37 -0.20 0.00	32.07 -0.16 0.00	31.11 -0.16 0.00	32.58 -0.20 0.00	41.82 -0.42 -0.23	46.52 -0.32 -0.35	37.73 -0.46 0.00	34.79 -0.46 0.00	31.89 -0.52 0.00	33.12 -0.47 0.00	33.78 -0.41 0.00	34.95 -0.42 0.00	35.30 -0.50 0.00	37.25 -0.57 -0.02	43.47 -0.48 -0.19	47.97 -0.29 -0.10	56.99 -0.11 -0.24	55.30 -0.11 -0.20	48.79 -0.19 -0.25	43.79 -0.22 -0.15	41.18 -0.37 -0.17	37.42 -0.38 -0.11
CLINTON_WT_PWR 323605	42.66 0.17 0.00	36.66 -0.07 0.00	33.46 -0.10 0.00	32.13 -0.10 0.00	31.17 -0.09 0.00	32.67 -0.10 0.00	42.26 0.25 0.00	46.68 0.19 0.00	38.38 0.19 0.00	35.32 0.07 0.00	32.44 0.03 0.00	33.53 -0.07 0.00	34.12 -0.07 0.00	35.27 -0.11 0.00	35.59 -0.21 0.00	37.46 -0.34 0.00	43.45 -0.30 0.00	47.82 -0.33 0.00	56.75 -0.11 0.00	55.26 0.06 0.00	48.88 0.15 0.00	44.08 0.22 0.00	41.67 0.29 0.00	37.91 0.23 0.00
CLINTON___LFGE 323618	43.26 0.77 0.00	37.14 0.40 0.00	33.90 0.34 0.00	32.55 0.32 0.00	31.61 0.34 0.00	33.13 0.36 0.00	42.89 0.88 0.00	47.29 0.79 0.00	38.84 0.65 0.00	35.70 0.46 0.00	32.80 0.39 0.00	33.86 0.27 0.00	34.50 0.31 0.00	35.66 0.28 0.00	35.98 0.18 0.00	37.84 0.04 0.00	43.93 0.18 0.00	48.45 0.29 0.00	57.60 0.74 0.00	56.14 0.94 0.00	49.65 0.92 0.00	44.73 0.88 0.00	42.25 0.87 0.00	38.40 0.71 0.00
COBBLENY_34_KV_TB1 80064	39.08 -2.25 1.16	34.83 -1.51 0.40	32.37 -1.17 0.02	31.33 -0.90 0.00	30.26 -1.00 0.00	31.62 -1.15 0.00	38.82 -2.18 1.00	42.76 -2.19 1.55	36.89 -1.30 0.00	34.08 -1.16 0.00	31.27 -1.13 0.00	32.95 -0.64 0.00	33.61 -0.58 0.00	34.67 -0.71 0.00	35.12 -0.68 0.00	36.26 -1.44 0.10	41.08 -1.84 0.84	46.13 -1.49 0.53	54.00 -1.54 1.33	52.81 -1.27 1.13	45.78 -1.56 1.39	41.34 -1.71 0.81	38.41 -2.03 0.94	35.55 -1.51 0.63
COFFEEN___115KV_TB3 355620	43.94 1.44 0.00	38.13 1.40 0.00	35.01 1.44 0.00	33.87 1.64 0.00	32.64 1.38 0.00	34.41 1.64 0.00	44.45 2.44 0.00	48.77 2.28 0.00	39.18 0.99 0.00	35.85 0.60 0.00	32.80 0.39 0.00	34.03 0.44 0.00	34.60 0.41 0.00	35.94 0.57 0.00	36.20 0.39 0.00	37.76 -0.04 0.00	43.89 0.13 0.00	49.31 1.16 0.00	59.48 2.62 0.00	58.57 3.37 0.00	51.31 2.58 0.00	46.14 2.28 0.00	43.41 2.03 0.00	39.38 1.70 0.00
COLDSPRG_115KV_BK1 355956	40.11 -1.32 1.07	35.60 -0.77 0.36	33.08 -0.47 0.01	31.97 -0.26 0.00	30.92 -0.34 0.00	32.34 -0.43 0.00	40.04 -1.05 0.92	44.28 -0.79 1.43	37.88 -0.31 0.00	35.21 -0.04 0.00	32.25 -0.16 0.00	34.06 0.47 0.00	34.77 0.58 0.00	35.91 0.53 0.00	36.45 0.64 0.00	37.67 -0.04 0.09	42.76 -0.22 0.78	47.95 0.29 0.49	56.21 0.57 1.23	54.83 0.66 1.04	47.20 -0.24 1.28	42.37 -0.75 0.75	39.27 -1.24 0.87	36.12 -0.98 0.58
COLONIE_LFGE___ 323577	43.56 1.06 0.00	37.98 1.25 0.00	34.84 1.28 0.00	33.39 1.16 0.00	32.36 1.09 0.00	33.98 1.21 0.00	43.10 1.09 0.00	47.57 1.07 0.00	38.95 0.76 0.00	35.88 0.64 0.00	33.02 0.61 0.00	34.10 0.50 0.00	34.53 0.34 0.00	35.69 0.32 0.00	36.27 0.46 0.00	38.51 0.72 0.00	44.50 0.74 0.00	49.17 1.01 0.00	58.06 1.20 0.00	56.42 1.21 0.00	49.90 1.17 0.00	44.91 1.05 0.00	42.45 1.07 0.00	38.63 0.94 0.00
COOPERNY_115KV_TB1 80082	43.81 1.32 0.00	38.09 1.36 0.00	34.74 1.17 0.00	33.23 1.00 0.00	32.17 0.91 0.00	33.75 0.98 0.00	43.10 1.09 0.00	47.89 1.39 0.00	39.37 1.18 0.00	36.52 1.27 0.00	33.61 1.20 0.00	34.90 1.31 0.00	35.56 1.37 0.00	36.90 1.52 0.00	37.38 1.58 0.00	39.38 1.59 0.00	45.46 1.71 0.00	49.65 1.49 0.00	58.23 1.36 0.00	56.31 1.10 0.00	49.61 0.88 0.00	44.69 0.83 0.00	42.16 0.79 0.00	38.36 0.68 0.00
COPENHAGEN_WT_PWR 323753	43.56 1.06 0.00	37.80 1.07 0.00	34.71 1.14 0.00	33.55 1.32 0.00	32.39 1.12 0.00	34.08 1.31 0.00	43.94 1.93 0.00	48.36 1.86 0.00	38.91 0.72 0.00	35.67 0.42 0.00	32.64 0.23 0.00	33.86 0.27 0.00	34.46 0.27 0.00	35.77 0.39 0.00	36.06 0.25 0.00	37.76 -0.04 0.00	43.71 -0.04 0.00	48.97 0.82 0.00	58.91 2.04 0.00	57.91 2.70 0.00	50.77 2.05 0.00	45.70 1.84 0.00	42.99 1.61 0.00	39.04 1.35 0.00
CORNELL_____ 23752	42.55 0.34 0.28	37.04 0.40 0.09	34.03 0.47 0.00	32.71 0.48 0.00	31.73 0.47 0.00	33.20 0.43 0.00	42.19 0.42 0.24	46.64 0.51 0.37	38.38 0.19 0.00	35.32 0.07 0.00	32.31 -0.10 0.00	33.53 -0.07 0.00	34.19 0.00 0.00	35.38 0.00 0.00	35.77 -0.04 0.00	37.70 -0.08 0.02	43.73 0.18 0.20	48.58 0.58 0.15	57.63 1.14 0.37	56.05 1.16 0.32	49.17 0.83 0.39	44.29 0.66 0.23	41.53 0.41 0.26	37.85 0.34 0.18

CORONA__69_KV_TB1 355595	45.94 3.44 0.00	40.24 3.16 -0.34	36.28 2.72 0.00	34.55 2.32 0.00	33.42 2.16 0.00	35.13 2.36 0.00	44.66 2.65 0.00	49.43 2.93 0.00	41.02 2.83 0.00	38.21 2.96 0.00	37.68 2.79 -2.48	39.54 2.96 -2.99	44.03 3.04 -6.80	43.94 3.33 -5.24	48.71 3.44 -9.47	49.34 3.86 -7.68	50.88 4.20 -2.92	52.10 3.80 -0.14	60.05 3.18 0.00	57.47 2.26 0.00	51.12 2.39 0.00	46.49 2.63 0.00	43.86 2.48 0.00	39.87 2.19 0.00
CORTLAND__115KV_TB3 80093	42.20 -0.04 0.25	36.76 0.11 0.08	33.73 0.17 0.00	32.42 0.19 0.00	31.45 0.19 0.00	32.93 0.16 0.00	41.84 0.04 0.21	46.26 0.09 0.33	38.11 -0.08 0.00	35.14 -0.11 0.00	32.21 -0.19 0.00	33.46 -0.13 0.00	34.09 -0.10 0.00	35.27 -0.11 0.00	35.70 -0.11 0.00	37.59 -0.19 0.02	43.49 -0.09 0.18	48.27 0.24 0.13	57.11 0.57 0.32	55.54 0.61 0.27	48.78 0.39 0.34	43.88 0.22 0.20	41.19 0.04 0.23	37.57 0.04 0.15
COXSACKIE__GT 23611	44.96 2.46 0.00	39.16 2.42 0.00	35.78 2.21 0.00	34.29 2.06 0.00	33.20 1.94 0.00	34.87 2.10 0.00	44.45 2.44 0.00	48.96 2.46 0.00	39.37 1.19 0.00	35.92 0.67 0.00	32.86 0.45 0.00	34.03 0.44 0.00	34.57 0.38 0.00	35.77 0.39 0.00	36.34 0.54 0.00	38.63 0.83 0.00	45.12 1.36 0.00	50.03 1.88 0.00	59.99 3.13 0.00	58.41 3.20 0.00	51.36 2.63 0.00	45.96 2.11 0.00	43.49 2.11 0.00	39.57 1.88 0.00
CPV_VALLEY__CC1 323721	43.94 1.45 0.00	38.21 1.47 0.00	34.77 1.21 0.00	33.26 1.03 0.00	32.23 0.97 0.00	33.79 1.02 0.00	43.14 1.13 0.00	47.66 1.16 0.00	39.41 1.22 0.00	36.55 1.30 0.00	33.71 1.30 0.00	34.97 1.38 0.00	35.66 1.47 0.00	36.93 1.55 0.00	37.49 1.68 0.00	39.65 1.85 0.00	45.73 1.97 0.00	49.79 1.64 0.00	58.29 1.42 0.00	56.31 1.10 0.00	49.61 0.88 0.00	44.65 0.79 0.00	42.21 0.83 0.00	38.51 0.83 0.00
CPV_VALLEY__CC2 323722	43.94 1.45 0.00	38.21 1.47 0.00	34.77 1.21 0.00	33.26 1.03 0.00	32.23 0.97 0.00	33.79 1.02 0.00	43.14 1.13 0.00	47.66 1.16 0.00	39.41 1.22 0.00	36.55 1.30 0.00	33.71 1.30 0.00	34.97 1.38 0.00	35.66 1.47 0.00	36.93 1.55 0.00	37.49 1.68 0.00	39.65 1.85 0.00	45.73 1.97 0.00	49.79 1.64 0.00	58.29 1.42 0.00	56.31 1.10 0.00	49.61 0.88 0.00	44.65 0.79 0.00	42.21 0.83 0.00	38.51 0.83 0.00
CRESCENT__HYD 24018	43.56 1.06 0.00	37.98 1.25 0.00	34.84 1.28 0.00	33.39 1.16 0.00	32.36 1.09 0.00	33.98 1.21 0.00	43.10 1.09 0.00	47.57 1.07 0.00	38.95 0.76 0.00	35.88 0.64 0.00	33.02 0.61 0.00	34.10 0.50 0.00	34.53 0.34 0.00	35.69 0.32 0.00	36.27 0.46 0.00	38.51 0.72 0.00	44.50 0.74 0.00	49.17 1.01 0.00	58.06 1.20 0.00	56.42 1.21 0.00	49.90 1.17 0.00	44.91 1.05 0.00	42.45 1.07 0.00	38.63 0.94 0.00
CRICKET__VALLEY_CC1 323756	44.32 1.83 0.00	38.61 1.87 0.00	35.11 1.54 0.00	33.55 1.32 0.00	32.48 1.22 0.00	34.08 1.31 0.00	43.48 1.47 0.00	48.03 1.53 0.00	39.79 1.60 0.00	36.90 1.66 0.00	34.09 1.68 0.00	35.30 1.71 0.00	35.93 1.74 0.00	37.28 1.91 0.00	37.84 2.04 0.00	40.10 2.31 0.00	46.12 2.36 0.00	50.18 2.02 0.00	58.45 1.59 0.00	56.42 1.21 0.00	49.80 1.07 0.00	44.91 1.05 0.00	42.54 1.16 0.00	38.81 1.13 0.00
CRICKET__VALLEY_CC2 323757	44.32 1.83 0.00	38.61 1.87 0.00	35.11 1.54 0.00	33.55 1.32 0.00	32.48 1.22 0.00	34.08 1.31 0.00	43.48 1.47 0.00	48.03 1.53 0.00	39.79 1.60 0.00	36.90 1.66 0.00	34.09 1.68 0.00	35.30 1.71 0.00	35.93 1.74 0.00	37.28 1.91 0.00	37.84 2.04 0.00	40.10 2.31 0.00	46.12 2.36 0.00	50.18 2.02 0.00	58.45 1.59 0.00	56.42 1.21 0.00	49.80 1.07 0.00	44.91 1.05 0.00	42.54 1.16 0.00	38.81 1.13 0.00
CRICKET__VALLEY_CC3 323758	44.32 1.83 0.00	38.61 1.87 0.00	35.11 1.54 0.00	33.55 1.32 0.00	32.48 1.22 0.00	34.08 1.31 0.00	43.48 1.47 0.00	48.03 1.53 0.00	39.79 1.60 0.00	36.90 1.66 0.00	34.09 1.68 0.00	35.30 1.71 0.00	35.93 1.74 0.00	37.28 1.91 0.00	37.84 2.04 0.00	40.10 2.31 0.00	46.12 2.36 0.00	50.18 2.02 0.00	58.45 1.59 0.00	56.42 1.21 0.00	49.80 1.07 0.00	44.91 1.05 0.00	42.54 1.16 0.00	38.81 1.13 0.00
CRUCIBLE__METL_DRP 24180	42.33 -0.42 -0.26	36.53 -0.29 -0.09	33.37 -0.20 0.00	32.07 -0.16 0.00	31.11 -0.16 0.00	32.57 -0.20 0.00	41.82 -0.42 -0.23	46.48 -0.37 -0.35	37.73 -0.46 0.00	34.79 -0.46 0.00	31.92 -0.49 0.00	33.12 -0.47 0.00	33.78 -0.41 0.00	34.95 -0.42 0.00	35.30 -0.50 0.00	37.25 -0.57 -0.02	43.42 -0.53 -0.19	47.92 -0.34 -0.10	56.99 -0.11 -0.24	55.30 -0.11 -0.20	48.78 -0.19 -0.25	43.74 -0.26 -0.15	41.18 -0.37 -0.17	37.42 -0.38 -0.11
DAHOWA__HYDRO 323763	44.11 1.61 0.00	38.35 1.61 0.00	35.18 1.61 0.00	33.74 1.52 0.00	32.67 1.41 0.00	34.34 1.57 0.00	43.73 1.72 0.00	48.08 1.58 0.00	39.07 0.88 0.00	35.78 0.53 0.00	32.77 0.36 0.00	33.83 0.24 0.00	34.22 0.03 0.00	35.38 0.00 0.00	35.88 0.07 0.00	38.10 0.30 0.00	44.15 0.39 0.00	48.97 0.82 0.00	58.51 1.65 0.00	57.14 1.93 0.00	50.43 1.70 0.00	45.30 1.45 0.00	42.83 1.45 0.00	38.97 1.28 0.00
DANC__LFGE 323619	42.99 0.26 -0.24	37.15 0.33 -0.08	33.97 0.40 0.00	32.81 0.58 0.00	31.70 0.44 0.00	33.33 0.56 0.00	43.06 0.84 -0.21	47.56 0.74 -0.32	38.27 0.08 0.00	35.14 -0.11 0.00	32.18 -0.23 0.00	33.39 -0.20 0.00	33.98 -0.20 0.00	35.23 -0.14 0.00	35.56 -0.25 0.00	37.37 -0.45 -0.02	43.41 -0.52 -0.17	48.31 0.05 -0.11	57.99 0.85 -0.27	56.71 1.27 -0.23	49.89 0.88 -0.28	44.81 0.79 -0.16	42.19 0.62 -0.19	38.30 0.49 -0.13
DANSKAMMER__1 23586	44.87 2.38 0.00	39.09 2.35 0.00	35.51 1.95 0.00	33.94 1.71 0.00	32.86 1.59 0.00	34.47 1.70 0.00	44.03 2.02 0.00	48.59 2.09 0.00	40.06 1.87 0.00	37.08 1.83 0.00	34.16 1.75 0.00	35.51 1.91 0.00	36.17 1.98 0.00	37.50 2.12 0.00	38.10 2.29 0.00	40.37 2.57 0.00	46.60 2.84 0.00	50.71 2.55 0.00	59.48 2.62 0.00	57.47 2.26 0.00	50.58 1.85 0.00	45.48 1.62 0.00	43.04 1.66 0.00	39.27 1.58 0.00
DANSKAMMER__2 23589	44.87 2.38 0.00	39.09 2.35 0.00	35.51 1.95 0.00	33.94 1.71 0.00	32.86 1.59 0.00	34.47 1.70 0.00	44.03 2.02 0.00	48.59 2.09 0.00	40.06 1.87 0.00	37.08 1.83 0.00	34.16 1.75 0.00	35.51 1.91 0.00	36.17 1.98 0.00	37.50 2.12 0.00	38.10 2.29 0.00	40.37 2.57 0.00	46.60 2.84 0.00	50.71 2.55 0.00	59.48 2.62 0.00	57.47 2.26 0.00	50.58 1.85 0.00	45.48 1.62 0.00	43.04 1.66 0.00	39.27 1.58 0.00
DANSKAMMER__3 23590	44.87 2.38 0.00	39.09 2.35 0.00	35.51 1.95 0.00	33.94 1.71 0.00	32.86 1.59 0.00	34.47 1.70 0.00	44.03 2.02 0.00	48.59 2.09 0.00	40.06 1.87 0.00	37.08 1.83 0.00	34.16 1.75 0.00	35.51 1.91 0.00	36.17 1.98 0.00	37.50 2.12 0.00	38.10 2.29 0.00	40.37 2.57 0.00	46.60 2.84 0.00	50.71 2.55 0.00	59.48 2.62 0.00	57.47 2.26 0.00	50.58 1.85 0.00	45.48 1.62 0.00	43.04 1.66 0.00	39.27 1.58 0.00

DANSKAMMER___4 23591	44.87 2.38 0.00	39.09 2.35 0.00	35.51 1.95 0.00	33.94 1.71 0.00	32.86 1.59 0.00	34.47 1.70 0.00	44.03 2.02 0.00	48.59 2.09 0.00	40.06 1.87 0.00	37.08 1.83 0.00	34.16 1.75 0.00	35.51 1.91 0.00	36.17 1.98 0.00	37.50 2.12 0.00	38.10 2.29 0.00	40.37 2.57 0.00	46.60 2.84 0.00	50.71 2.55 0.00	59.48 2.62 0.00	57.47 2.26 0.00	50.58 1.85 0.00	45.48 1.62 0.00	43.04 1.66 0.00	39.27 1.58 0.00
DANSKAMMER___DIESEL 23592	44.87 2.38 0.00	39.09 2.35 0.00	35.55 1.98 0.00	33.94 1.71 0.00	32.86 1.59 0.00	34.47 1.70 0.00	44.03 2.02 0.00	48.77 2.28 0.00	40.06 1.87 0.00	37.08 1.83 0.00	34.16 1.75 0.00	35.51 1.91 0.00	36.17 1.98 0.00	37.53 2.16 0.00	38.10 2.29 0.00	40.44 2.65 0.00	46.73 2.98 0.00	50.81 2.65 0.00	59.65 2.79 0.00	57.47 2.26 0.00	50.63 1.90 0.00	45.61 1.75 0.00	43.07 1.70 0.00	39.19 1.51 0.00
DARBY___SOLAR 323810	43.98 1.49 0.00	38.24 1.51 0.00	35.08 1.51 0.00	33.65 1.42 0.00	32.58 1.31 0.00	34.21 1.44 0.00	43.56 1.56 0.00	47.94 1.44 0.00	38.99 0.80 0.00	35.74 0.49 0.00	32.77 0.36 0.00	33.80 0.20 0.00	34.22 0.03 0.00	35.34 -0.04 0.00	35.88 0.07 0.00	38.10 0.30 0.00	44.15 0.39 0.00	48.97 0.82 0.00	58.40 1.54 0.00	56.97 1.77 0.00	50.29 1.56 0.00	45.17 1.31 0.00	42.74 1.36 0.00	38.85 1.17 0.00
DASHVILLE___HYD 23610	44.58 2.08 0.00	38.79 2.06 0.00	35.31 1.75 0.00	33.71 1.48 0.00	32.67 1.41 0.00	34.25 1.47 0.00	43.69 1.68 0.00	48.36 1.86 0.00	39.68 1.49 0.00	36.73 1.48 0.00	33.80 1.39 0.00	35.14 1.55 0.00	35.80 1.61 0.00	37.14 1.77 0.00	37.67 1.86 0.00	39.95 2.15 0.00	46.21 2.45 0.00	50.32 2.17 0.00	59.08 2.22 0.00	57.03 1.82 0.00	50.19 1.46 0.00	45.26 1.40 0.00	42.74 1.37 0.00	38.93 1.24 0.00
DELAWARE___LFGE 323621	43.39 0.89 0.00	37.69 0.96 0.00	34.50 0.94 0.00	33.10 0.87 0.00	32.11 0.84 0.00	33.62 0.85 0.00	42.85 0.84 0.00	47.38 0.88 0.00	38.84 0.65 0.00	35.92 0.67 0.00	33.02 0.62 0.00	34.30 0.71 0.00	34.91 0.72 0.00	36.15 0.78 0.00	36.63 0.82 0.00	38.74 0.94 0.00	44.81 1.05 0.00	49.22 1.16 0.10	57.99 1.36 0.24	56.33 1.32 0.20	49.50 1.02 0.25	44.59 0.88 0.15	41.99 0.79 0.17	38.29 0.72 0.11
DERFIELD_115KV_TB7 355931	42.58 0.08 0.00	36.88 0.15 0.00	33.73 0.17 0.00	32.39 0.16 0.00	31.42 0.16 0.00	32.93 0.16 0.00	42.14 0.13 0.00	46.59 0.09 0.00	38.23 0.04 0.00	35.28 0.04 0.00	32.44 0.03 0.00	33.63 0.03 0.00	34.22 0.03 0.00	35.41 0.04 0.00	35.88 0.07 0.00	37.91 0.11 0.00	43.85 0.09 0.00	48.30 0.14 0.00	56.98 0.11 0.00	55.32 0.11 0.00	48.83 0.10 0.00	43.95 0.09 0.00	41.46 0.08 0.00	37.76 0.08 0.00
DOGLEVILLE___HYD 23807	43.17 0.68 0.00	37.43 0.70 0.00	34.24 0.67 0.00	32.91 0.68 0.00	31.92 0.66 0.00	33.49 0.72 0.00	42.89 0.88 0.00	47.43 0.93 0.00	38.88 0.69 0.00	35.85 0.60 0.00	32.96 0.55 0.00	34.13 0.54 0.00	34.67 0.48 0.00	35.87 0.50 0.00	36.34 0.54 0.00	38.29 0.49 0.00	44.28 0.53 0.00	48.88 0.72 0.00	57.83 0.97 0.00	56.20 0.99 0.00	49.61 0.88 0.00	44.73 0.88 0.00	42.25 0.87 0.00	38.51 0.83 0.00
DUNKIRK__115KV_TB_200 55889	39.37 -1.95 1.17	35.05 -1.29 0.40	32.61 -0.94 0.02	31.55 -0.68 0.00	30.48 -0.78 0.00	31.85 -0.92 0.00	39.15 -1.85 1.01	43.17 -1.77 1.56	37.20 -0.99 0.00	34.44 -0.81 0.00	31.60 -0.81 0.00	33.29 -0.30 0.00	33.98 -0.21 0.00	35.09 -0.28 0.00	35.55 -0.25 0.00	36.75 -0.94 0.10	41.68 -1.23 0.85	46.80 -0.82 0.54	54.78 -0.74 1.34	53.57 -0.50 1.14	46.25 -1.07 1.40	41.68 -1.36 0.81	38.69 -1.74 0.95	35.69 -1.36 0.63
DUNKIRK___1 23563	39.37 -1.95 1.17	35.05 -1.29 0.40	32.61 -0.94 0.02	31.55 -0.68 0.00	30.48 -0.78 0.00	31.85 -0.92 0.00	39.15 -1.85 1.01	43.17 -1.77 1.56	37.20 -0.99 0.00	34.44 -0.81 0.00	31.60 -0.81 0.00	33.29 -0.30 0.00	33.98 -0.21 0.00	35.09 -0.28 0.00	35.55 -0.25 0.00	36.75 -0.94 0.10	41.68 -1.23 0.85	46.80 -0.82 0.54	54.78 -0.74 1.34	53.57 -0.50 1.14	46.25 -1.07 1.40	41.68 -1.36 0.81	38.69 -1.74 0.95	35.69 -1.36 0.63
DUNKIRK___2 23564	39.37 -1.95 1.17	35.05 -1.29 0.40	32.61 -0.94 0.02	31.55 -0.68 0.00	30.48 -0.78 0.00	31.85 -0.92 0.00	39.15 -1.85 1.01	43.17 -1.77 1.56	37.20 -0.99 0.00	34.44 -0.81 0.00	31.60 -0.81 0.00	33.29 -0.30 0.00	33.98 -0.21 0.00	35.09 -0.28 0.00	35.55 -0.25 0.00	36.75 -0.94 0.10	41.68 -1.23 0.85	46.80 -0.82 0.54	54.78 -0.74 1.34	53.57 -0.50 1.14	46.25 -1.07 1.40	41.68 -1.36 0.81	38.69 -1.74 0.95	35.69 -1.36 0.63
DUNKIRK___3 23565	39.15 -2.17 1.18	34.90 -1.43 0.40	32.44 -1.11 0.02	31.39 -0.84 0.00	30.33 -0.94 0.00	31.69 -1.08 0.00	38.89 -2.10 1.02	42.88 -2.05 1.57	36.97 -1.22 0.00	34.23 -1.02 0.00	31.40 -1.00 0.00	33.09 -0.50 0.00	33.74 -0.44 0.00	34.85 -0.53 0.00	35.30 -0.50 0.00	36.49 -1.21 0.10	41.37 -1.53 0.86	46.46 -1.16 0.54	54.38 -1.14 1.35	53.18 -0.88 1.14	45.95 -1.36 1.41	41.46 -1.58 0.82	38.48 -1.94 0.96	35.54 -1.51 0.64
DUNKIRK___4 23566	39.15 -2.17 1.18	34.90 -1.43 0.40	32.44 -1.11 0.02	31.39 -0.84 0.00	30.33 -0.94 0.00	31.69 -1.08 0.00	38.89 -2.10 1.02	42.88 -2.05 1.57	36.97 -1.22 0.00	34.23 -1.02 0.00	31.40 -1.00 0.00	33.09 -0.50 0.00	33.74 -0.44 0.00	34.85 -0.53 0.00	35.30 -0.50 0.00	36.49 -1.21 0.10	41.37 -1.53 0.86	46.46 -1.16 0.54	54.38 -1.14 1.35	53.18 -0.88 1.14	45.95 -1.36 1.41	41.46 -1.58 0.82	38.48 -1.94 0.96	35.54 -1.51 0.64
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	45.00 2.51 0.00	39.16 2.42 0.00	35.58 2.01 0.00	33.94 1.71 0.00	32.86 1.59 0.00	34.47 1.70 0.00	44.11 2.10 0.00	48.91 2.42 0.00	40.44 2.25 0.00	37.57 2.33 0.00	34.68 2.27 0.00	36.01 2.42 0.00	36.68 2.50 0.00	38.14 2.76 0.00	38.63 2.83 0.00	41.01 3.21 0.00	47.21 3.46 0.00	51.09 2.94 0.00	59.54 2.67 0.00	57.30 2.10 0.00	50.53 1.80 0.00	45.66 1.80 0.00	43.07 1.70 0.00	39.19 1.51 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	44.58 2.08 0.00	38.79 2.06 0.00	35.28 1.71 0.00	33.71 1.48 0.00	32.64 1.38 0.00	34.25 1.47 0.00	43.73 1.72 0.00	48.45 1.95 0.00	39.87 1.68 0.00	36.98 1.73 0.00	34.03 1.62 0.00	35.37 1.78 0.00	36.03 1.85 0.00	37.43 2.05 0.00	37.95 2.15 0.00	40.25 2.46 0.00	46.47 2.71 0.00	50.56 2.41 0.00	59.25 2.39 0.00	57.14 1.93 0.00	50.29 1.56 0.00	45.31 1.45 0.00	42.79 1.41 0.00	38.96 1.28 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	45.43 2.93 -0.01	39.53 2.79 -0.01	35.71 2.15 0.00	34.00 1.77 0.00	32.89 1.63 0.00	34.38 1.61 0.00	43.94 1.93 0.00	48.73 2.23 0.00	40.29 2.10 0.00	37.50 2.26 0.00	34.72 2.30 -0.01	35.99 2.39 -0.01	36.67 2.46 -0.02	38.28 2.90 0.00	38.75 2.94 -0.01	41.24 3.44 0.00	47.61 3.85 0.00	50.90 2.74 0.00	58.96 2.10 0.01	56.69 1.49 0.01	50.14 1.41 0.00	45.31 1.45 0.00	42.87 1.49 0.00	39.12 1.43 0.00

E179THST_13_KV_LOAD 356214	45.69 3.19 -0.01	39.72 2.98 -0.01	35.85 2.28 0.00	34.16 1.93 0.00	33.01 1.75 0.00	34.51 1.74 0.00	44.15 2.14 0.00	48.96 2.46 0.00	40.48 2.29 0.00	37.68 2.43 0.00	34.88 2.46 -0.01	36.19 2.59 -0.01	36.87 2.67 -0.02	38.49 3.11 0.00	38.96 3.15 -0.01	41.46 3.67 0.00	47.87 4.11 0.00	51.23 3.08 0.00	59.30 2.45 0.01	57.02 1.82 0.01	50.39 1.66 0.00	45.52 1.67 0.00	43.12 1.74 0.00	39.30 1.62 0.00
EAST HAMPTON___GT 23717	47.43 4.93 -0.01	41.74 4.67 -0.34	37.40 3.83 -0.01	35.61 3.38 0.00	34.61 3.35 0.00	36.18 3.41 0.00	45.92 3.91 0.00	50.35 3.86 0.00	42.24 4.05 0.00	39.55 4.30 0.00	39.20 4.31 -2.48	41.32 4.74 -2.99	46.12 5.13 -6.80	45.60 4.99 -5.24	50.47 5.19 -9.47	51.30 5.82 -7.68	53.08 6.39 -2.93	69.08 6.17 -14.75	62.55 5.69 0.00	60.01 4.80 0.00	53.36 4.63 0.00	47.50 3.64 -0.01	45.31 3.93 0.00	41.49 3.80 0.00
EAST RIVER___6 23660	45.22 2.72 0.00	39.34 2.61 0.00	35.65 2.08 0.00	34.00 1.77 0.00	32.89 1.62 0.00	34.51 1.74 0.00	44.28 2.27 0.00	48.96 2.46 0.00	40.75 2.56 0.00	37.89 2.64 0.00	35.01 2.59 -0.01	36.32 2.72 -0.01	37.08 2.87 -0.02	38.49 3.11 0.00	39.07 3.26 -0.01	41.43 3.63 0.00	47.61 3.85 0.00	51.33 3.18 0.01	59.54 2.67 0.00	57.35 2.15 0.01	50.58 1.85 0.00	45.70 1.84 0.00	43.16 1.78 0.00	39.34 1.66 0.00
EAST RIVER___7 23524	45.22 2.72 0.00	39.34 2.61 0.00	35.65 2.08 0.00	34.00 1.77 0.00	32.89 1.62 0.00	34.51 1.74 0.00	44.28 2.27 0.00	48.96 2.46 0.00	40.75 2.56 0.00	37.89 2.64 0.00	35.01 2.59 -0.01	36.32 2.72 -0.01	37.08 2.87 -0.02	38.49 3.11 0.00	39.07 3.26 -0.01	41.43 3.63 0.00	47.61 3.85 0.00	51.33 3.18 0.01	59.54 2.67 0.00	57.35 2.15 0.01	50.58 1.85 0.00	45.70 1.84 0.00	43.16 1.78 0.00	39.34 1.66 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	44.87 2.38 0.00	39.09 2.35 0.00	35.51 1.95 0.00	33.87 1.64 0.00	32.80 1.53 0.00	34.41 1.64 0.00	43.98 1.97 0.00	48.82 2.32 0.00	40.33 2.14 0.00	37.47 2.22 0.00	34.58 2.17 0.00	35.88 2.28 0.00	36.58 2.39 0.00	37.99 2.62 0.00	38.53 2.72 0.00	40.90 3.10 0.00	47.08 3.33 0.00	51.00 2.84 0.00	59.42 2.56 0.00	57.19 1.99 0.00	50.43 1.71 0.00	45.57 1.71 0.00	42.99 1.61 0.00	39.12 1.43 0.00
EAST_HAMPTON___DIESEL 23722	47.39 4.88 -0.01	41.71 4.63 -0.34	37.36 3.79 -0.01	35.58 3.35 0.00	34.61 3.35 0.00	36.15 3.38 0.00	45.92 3.91 0.00	50.35 3.86 0.00	42.20 4.01 0.00	39.51 4.26 0.00	39.20 4.31 -2.48	41.32 4.74 -2.99	46.12 5.13 -6.80	45.60 4.99 -5.24	50.47 5.19 -9.47	51.30 5.82 -7.68	53.08 6.39 -2.93	69.07 6.17 -14.75	62.55 5.69 0.00	60.01 4.80 0.00	53.36 4.63 0.00	47.46 3.60 -0.01	45.27 3.89 0.00	41.45 3.77 0.00
EAST_POINT___SOLAR 323840	44.74 2.25 0.00	38.75 2.02 0.00	35.51 1.95 0.00	34.06 1.84 0.00	33.01 1.75 0.00	34.77 2.00 0.00	44.57 2.56 0.00	47.89 1.39 0.00	37.35 -0.84 0.00	33.59 -1.66 0.00	30.66 -1.75 0.00	31.78 -1.81 0.00	32.14 -2.05 0.00	33.15 -2.23 0.00	33.48 -2.33 0.00	35.60 -2.19 0.00	41.57 -2.19 0.00	47.87 -0.29 0.00	59.48 2.62 0.00	58.46 3.26 0.00	51.50 2.78 0.00	46.09 2.24 0.00	43.41 2.03 0.00	39.42 1.73 0.00
EAST_PULASKI___ESR 323781	42.68 -0.51 -0.69	36.64 -0.33 -0.24	33.34 -0.23 -0.01	32.10 -0.13 0.00	31.11 -0.16 0.00	32.61 -0.16 0.00	42.36 -0.25 -0.60	47.15 -0.28 -0.93	37.65 -0.53 0.00	34.65 -0.60 0.00	31.76 -0.65 0.00	32.99 -0.60 0.00	33.61 -0.58 0.00	34.77 -0.60 0.00	35.16 -0.64 0.00	37.06 -0.80 -0.06	43.39 -0.87 -0.50	47.90 -0.58 -0.32	57.44 -0.23 -0.81	55.83 -0.06 -0.68	49.38 -0.19 -0.84	44.22 -0.13 -0.49	41.66 -0.29 -0.57	37.76 -0.30 -0.38
EAST_RIVER___1 323558	45.25 2.76 0.00	39.38 2.65 0.00	35.68 2.12 0.00	34.06 1.84 0.00	32.98 1.72 0.00	34.57 1.80 0.00	44.32 2.31 0.00	49.00 2.51 0.00	40.75 2.56 0.00	37.86 2.61 0.00	34.98 2.56 -0.01	36.29 2.69 -0.01	37.01 2.80 -0.02	38.45 3.08 0.00	39.00 3.19 -0.01	41.39 3.59 0.00	47.52 3.76 0.00	51.28 3.13 0.01	59.48 2.62 0.00	57.30 2.10 0.01	50.63 1.90 0.00	45.74 1.88 0.00	43.24 1.86 0.00	39.42 1.73 0.00
EAST_RIVER___2 323559	45.22 2.72 0.00	39.34 2.61 0.00	35.65 2.08 0.00	34.00 1.77 0.00	32.89 1.62 0.00	34.51 1.74 0.00	44.28 2.27 0.00	48.96 2.46 0.00	40.75 2.56 0.00	37.89 2.64 0.00	35.01 2.59 -0.01	36.32 2.72 -0.01	37.08 2.87 -0.02	38.49 3.11 0.00	39.07 3.26 -0.01	41.43 3.63 0.00	47.61 3.85 0.00	51.33 3.18 0.01	59.54 2.67 0.00	57.35 2.15 0.01	50.58 1.85 0.00	45.70 1.84 0.00	43.16 1.78 0.00	39.34 1.66 0.00
EAST___DELAWARE_HYD 23607	44.91 2.42 0.00	39.05 2.32 0.00	35.48 1.91 0.00	33.97 1.74 0.00	32.89 1.62 0.00	34.47 1.70 0.00	44.07 2.06 0.00	48.73 2.23 0.00	39.98 1.80 0.00	36.97 1.73 0.00	34.00 1.59 0.00	35.34 1.75 0.00	36.03 1.84 0.00	37.36 1.98 0.00	37.95 2.15 0.00	40.10 2.31 0.00	46.43 2.67 0.00	50.66 2.50 0.00	59.65 2.79 0.00	57.75 2.54 0.00	50.77 2.05 0.00	45.61 1.76 0.00	43.08 1.70 0.00	39.27 1.58 0.00
EIGHT_POINT___WT_PWR 323820	40.84 -0.81 0.85	36.04 -0.40 0.29	33.32 -0.23 0.01	32.23 0.00 0.00	31.20 -0.06 0.00	32.61 -0.16 0.00	40.60 -0.67 0.73	45.09 -0.28 1.13	37.54 -0.65 0.00	34.54 -0.70 0.00	31.50 -0.91 0.00	32.95 -0.64 0.00	33.71 -0.48 0.00	34.85 -0.53 0.00	35.23 -0.57 0.00	36.74 -0.98 0.07	42.27 -0.87 0.62	47.57 -0.19 0.39	56.23 0.34 0.98	55.09 0.72 0.83	47.85 0.15 1.02	43.22 -0.04 0.60	40.19 -0.49 0.69	36.77 -0.45 0.46
ELBRIDGE_115KV_TB2 80188	42.04 -0.72 -0.27	36.31 -0.51 -0.09	33.17 -0.40 0.00	31.87 -0.35 0.00	30.92 -0.34 0.00	32.38 -0.39 0.00	41.57 -0.67 -0.23	46.15 -0.70 -0.35	37.54 -0.65 0.00	34.61 -0.63 0.00	31.76 -0.65 0.00	32.99 -0.60 0.00	33.61 -0.58 0.00	34.77 -0.60 0.00	35.12 -0.68 0.00	37.06 -0.76 -0.02	43.25 -0.70 -0.19	47.53 -0.63 0.00	56.35 -0.51 0.00	54.71 -0.50 0.00	48.19 -0.54 0.00	43.29 -0.57 0.00	40.72 -0.66 0.00	37.08 -0.60 0.00
ELEC_TRO_TEK 24086	45.64 3.14 0.00	39.98 2.90 -0.34	36.08 2.52 0.00	34.36 2.13 0.00	33.27 2.00 0.00	34.97 2.20 0.00	44.45 2.44 0.00	49.24 2.74 0.00	40.82 2.64 0.00	38.03 2.78 0.00	37.51 2.63 -2.48	39.34 2.75 -2.99	43.86 2.87 -6.80	43.72 3.11 -5.24	48.46 3.19 -9.47	49.07 3.59 -7.68	50.58 3.89 -2.92	51.71 3.42 -0.14	59.54 2.67 0.00	56.92 1.71 0.00	50.68 1.95 0.00	46.23 2.37 0.00	43.61 2.23 0.00	39.64 1.96 0.00
ELLENBURG_WT_PWR 323604	42.66 0.17 0.00	36.66 -0.07 0.00	33.46 -0.10 0.00	32.13 -0.10 0.00	31.17 -0.09 0.00	32.67 -0.10 0.00	42.26 0.25 0.00	46.68 0.19 0.00	38.38 0.19 0.00	35.32 0.07 0.00	32.44 0.03 0.00	33.53 -0.07 0.00	34.12 -0.07 0.00	35.27 -0.11 0.00	35.59 -0.21 0.00	37.46 -0.34 0.00	43.45 -0.30 0.00	47.82 -0.33 0.00	56.75 -0.11 0.00	55.26 0.06 0.00	48.88 0.15 0.00	44.08 0.22 0.00	41.67 0.29 0.00	37.91 0.23 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	38.66 -2.59 1.24	34.51 -1.80 0.42	32.11 -1.44 0.02	31.10 -1.13 0.00	30.04 -1.22 0.00	31.36 -1.41 0.00	38.33 -2.60 1.07	42.19 -2.65 1.66	36.59 -1.60 0.00	33.77 -1.48 0.00	30.98 -1.43 0.00	32.62 -0.97 0.00	33.27 -0.92 0.00	34.31 -1.06 0.00	34.77 -1.04 0.00	35.87 -1.81 0.11	40.58 -2.28 0.90	45.61 -1.97 0.57	53.28 -2.16 1.42	52.18 -1.82 1.20	45.20 -2.05 1.49	40.93 -2.06 0.86	38.01 -2.36 1.01	35.24 -1.77 0.67
EMPIRE_CC_1 323656	43.13 0.64 0.00	37.69 0.95 0.00	34.61 1.04 0.00	33.16 0.94 0.00	32.14 0.87 0.00	33.72 0.95 0.00	42.64 0.63 0.00	47.06 0.56 0.00	38.61 0.42 0.00	35.70 0.46 0.00	32.93 0.52 0.00	33.96 0.37 0.00	34.43 0.24 0.00	35.59 0.21 0.00	36.09 0.29 0.00	38.33 0.53 0.00	44.28 0.53 0.00	48.83 0.67 0.00	57.37 0.51 0.00	55.70 0.50 0.00	49.36 0.63 0.00	44.43 0.57 0.00	42.04 0.66 0.00	38.28 0.60 0.00
EMPIRE_CC_2 323658	43.13 0.64 0.00	37.69 0.95 0.00	34.61 1.04 0.00	33.16 0.94 0.00	32.14 0.87 0.00	33.72 0.95 0.00	42.64 0.63 0.00	47.06 0.56 0.00	38.61 0.42 0.00	35.70 0.46 0.00	32.93 0.52 0.00	33.96 0.37 0.00	34.43 0.24 0.00	35.59 0.21 0.00	36.09 0.29 0.00	38.33 0.53 0.00	44.28 0.53 0.00	48.83 0.67 0.00	57.37 0.51 0.00	55.70 0.50 0.00	49.36 0.63 0.00	44.43 0.57 0.00	42.04 0.66 0.00	38.28 0.60 0.00
ENORWICH_115KV_TB1 80156	44.08 1.83 0.24	38.42 1.76 0.08	35.27 1.71 0.00	33.94 1.71 0.00	32.80 1.53 0.00	34.47 1.70 0.00	43.86 2.06 0.21	48.32 2.14 0.32	39.30 1.11 0.00	36.02 0.78 0.00	32.86 0.45 0.00	34.16 0.57 0.00	34.77 0.58 0.00	36.05 0.67 0.00	36.52 0.72 0.00	38.15 0.38 0.02	44.37 0.79 0.17	49.90 1.88 0.13	59.84 3.30 0.32	58.63 3.70 0.27	51.26 2.87 0.34	46.12 2.46 0.20	43.22 2.07 0.23	39.30 1.77 0.15
ERIE_ST_34_KV_TB1-2 80199	38.92 -2.34 1.23	34.70 -1.62 0.42	32.31 -1.24 0.02	31.29 -0.93 0.00	30.20 -1.06 0.00	31.56 -1.21 0.00	38.68 -2.27 1.06	42.43 -2.42 1.65	36.74 -1.45 0.00	33.91 -1.34 0.00	31.14 -1.26 0.00	32.82 -0.77 0.00	33.47 -0.72 0.00	34.53 -0.85 0.00	34.98 -0.82 0.00	36.10 -1.59 0.11	40.80 -2.06 0.90	45.86 -1.73 0.57	53.58 -1.88 1.41	52.46 -1.55 1.20	45.45 -1.80 1.48	41.11 -1.89 0.86	38.19 -2.19 1.00	35.47 -1.55 0.67
ERIE_WT_PWR 323693	38.89 -2.38 1.22	34.70 -1.62 0.42	32.21 -1.34 0.02	31.23 -1.00 0.00	30.17 -1.10 0.00	31.53 -1.25 0.00	38.56 -2.39 1.06	42.95 -1.91 1.64	36.70 -1.49 0.00	33.91 -1.34 0.00	31.05 -1.36 0.00	32.72 -0.87 0.00	33.40 -0.78 0.00	34.49 -0.88 0.00	34.91 -0.89 0.00	36.10 -1.59 0.11	40.90 -1.97 0.89	46.01 -1.59 0.56	53.53 -1.93 1.40	52.36 -1.65 1.19	45.41 -1.85 1.46	41.12 -1.88 0.85	38.19 -2.19 0.99	35.25 -1.77 0.66
ESPRGFLD_115KV_TB1 80157	43.85 1.36 0.00	38.06 1.32 0.00	34.84 1.28 0.00	33.42 1.19 0.00	32.39 1.13 0.00	33.98 1.21 0.00	43.35 1.34 0.00	47.94 1.44 0.00	39.22 1.03 0.00	36.23 0.99 0.00	33.28 0.88 0.00	34.57 0.97 0.00	35.18 0.99 0.00	36.51 1.13 0.00	36.99 1.18 0.00	38.97 1.17 0.00	45.11 1.36 0.00	49.79 1.64 0.00	58.91 2.05 0.00	57.30 2.10 0.00	50.34 1.61 0.00	45.26 1.40 0.00	42.62 1.24 0.00	38.78 1.09 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	42.50 0.25 0.25	37.02 0.37 0.08	33.96 0.40 0.00	32.65 0.42 0.00	31.67 0.41 0.00	33.13 0.36 0.00	42.13 0.34 0.21	46.58 0.42 0.33	38.30 0.11 0.00	35.25 0.00 0.00	32.25 -0.16 0.00	33.49 -0.10 0.00	34.15 -0.03 0.00	35.34 -0.04 0.00	35.73 -0.07 0.00	37.66 -0.11 0.02	43.67 0.09 0.18	48.50 0.48 0.14	57.55 1.02 0.34	55.97 1.05 0.29	49.10 0.73 0.36	44.22 0.57 0.21	41.47 0.33 0.24	37.79 0.26 0.16
ETNA_____115KV_TB2 80207	42.50 0.25 0.25	37.02 0.37 0.08	33.96 0.40 0.00	32.65 0.42 0.00	31.67 0.41 0.00	33.13 0.36 0.00	42.13 0.34 0.21	46.58 0.42 0.33	38.30 0.11 0.00	35.25 0.00 0.00	32.25 -0.16 0.00	33.49 -0.10 0.00	34.15 -0.03 0.00	35.34 -0.04 0.00	35.73 -0.07 0.00	37.66 -0.11 0.02	43.67 0.09 0.18	48.50 0.48 0.14	57.55 1.02 0.34	55.97 1.05 0.29	49.10 0.73 0.36	44.22 0.57 0.21	41.47 0.33 0.24	37.79 0.26 0.16
EUCLID___115KV_TB2 356179	41.40 -0.72 0.37	36.06 -0.55 0.12	33.12 -0.44 0.00	31.87 -0.35 0.00	30.92 -0.34 0.00	32.34 -0.43 0.00	41.02 -0.67 0.32	45.31 -0.70 0.49	37.54 -0.65 0.00	34.61 -0.63 0.00	31.79 -0.62 0.00	32.99 -0.60 0.00	33.64 -0.55 0.00	34.77 -0.60 0.00	35.16 -0.64 0.00	37.01 -0.76 0.03	42.75 -0.74 0.27	47.39 -0.58 0.19	55.94 -0.45 0.46	54.37 -0.44 0.39	47.76 -0.49 0.49	43.05 -0.53 0.28	40.43 -0.62 0.33	36.86 -0.60 0.22
EXCELSIOR___SOLAR 323857	38.68 -2.34 1.48	34.58 -1.65 0.50	32.14 -1.41 0.02	31.10 -1.13 0.00	30.08 -1.19 0.00	31.46 -1.31 0.00	38.38 -2.35 1.28	42.57 -1.95 1.98	36.62 -1.57 0.00	33.77 -1.48 0.00	30.98 -1.43 0.00	32.48 -1.11 0.00	33.16 -1.02 0.00	34.24 -1.13 0.00	34.59 -1.22 0.00	35.89 -1.78 0.13	40.71 -1.97 1.08	45.79 -1.69 0.68	53.18 -1.99 1.69	52.00 -1.77 1.43	45.11 -1.85 1.77	41.03 -1.80 1.03	38.19 -1.99 1.20	35.19 -1.70 0.80
E_CANADA_CAP_HY 24051	44.20 1.70 0.00	38.31 1.58 0.00	35.11 1.54 0.00	33.68 1.45 0.00	32.64 1.37 0.00	34.34 1.57 0.00	43.98 1.97 0.00	47.80 1.30 0.00	37.96 -0.23 0.00	34.30 -0.95 0.00	31.31 -1.10 0.00	32.38 -1.21 0.00	32.82 -1.37 0.00	33.89 -1.48 0.00	34.30 -1.50 0.00	36.51 -1.29 0.00	42.53 -1.22 0.00	48.16 0.00 0.00	58.80 1.93 0.00	57.63 2.43 0.00	50.82 2.09 0.00	45.57 1.71 0.00	42.91 1.53 0.00	39.00 1.32 0.00
E_CANADA_MHWK_HY 24050	43.17 0.68 0.00	37.43 0.70 0.00	34.24 0.67 0.00	32.91 0.68 0.00	31.92 0.66 0.00	33.49 0.72 0.00	42.89 0.88 0.00	47.43 0.93 0.00	38.88 0.69 0.00	35.85 0.60 0.00	32.96 0.55 0.00	34.13 0.54 0.00	34.67 0.48 0.00	35.87 0.50 0.00	36.34 0.54 0.00	38.33 0.53 0.00	44.28 0.53 0.00	48.88 0.72 0.00	57.77 0.91 0.00	56.20 0.99 0.00	49.61 0.88 0.00	44.73 0.88 0.00	42.25 0.87 0.00	38.51 0.83 0.00
E_FISHKILL___LBMP 23776	44.53 2.04 0.00	38.75 2.02 0.00	35.28 1.71 0.00	33.68 1.45 0.00	32.61 1.34 0.00	34.21 1.44 0.00	43.65 1.64 0.00	48.40 1.91 0.00	39.98 1.79 0.00	37.12 1.87 0.00	34.22 1.81 0.00	35.51 1.91 0.00	36.17 1.98 0.00	37.53 2.16 0.00	38.06 2.26 0.00	40.37 2.57 0.00	46.51 2.76 0.00	50.52 2.36 0.00	58.91 2.05 0.00	56.81 1.60 0.00	50.09 1.36 0.00	45.22 1.36 0.00	42.74 1.37 0.00	38.89 1.21 0.00
FALCON___SEABRD_CC1 323796	43.13 0.64 0.00	37.06 0.33 0.00	33.83 0.27 0.00	32.49 0.26 0.00	31.51 0.25 0.00	33.03 0.26 0.00	42.72 0.71 0.00	47.19 0.70 0.00	38.76 0.57 0.00	35.67 0.42 0.00	32.77 0.36 0.00	33.86 0.27 0.00	34.50 0.31 0.00	35.66 0.28 0.00	35.95 0.14 0.00	37.84 0.04 0.00	43.89 0.13 0.00	48.35 0.19 0.00	57.37 0.51 0.00	55.92 0.72 0.00	49.46 0.73 0.00	44.60 0.74 0.00	42.12 0.75 0.00	38.32 0.64 0.00

FALCON___SEABRD_CC2 323797	43.13 0.64 0.00	37.06 0.33 0.00	33.83 0.27 0.00	32.49 0.26 0.00	31.51 0.25 0.00	33.03 0.26 0.00	42.72 0.71 0.00	47.19 0.70 0.00	38.76 0.57 0.00	35.67 0.42 0.00	32.77 0.36 0.00	33.86 0.27 0.00	34.50 0.31 0.00	35.66 0.28 0.00	35.95 0.14 0.00	37.84 0.04 0.00	43.89 0.13 0.00	48.35 0.19 0.00	57.37 0.51 0.00	55.92 0.72 0.00	49.46 0.73 0.00	44.60 0.74 0.00	42.12 0.75 0.00	38.32 0.64 0.00
FAR ROCKAWAY___4 23548	46.40 3.91 0.00	40.64 3.56 -0.34	36.65 3.09 0.00	34.87 2.64 0.00	33.73 2.47 0.00	35.46 2.69 0.00	45.03 3.02 0.00	49.84 3.35 0.00	41.40 3.21 0.00	38.56 3.31 0.00	38.03 3.14 -2.48	39.91 3.33 -2.99	44.48 3.49 -6.80	44.40 3.79 -5.24	49.22 3.94 -9.47	49.83 4.35 -7.68	51.45 4.77 -2.92	52.77 4.48 -0.14	60.73 3.87 0.00	58.08 2.87 0.00	51.65 2.92 0.00	46.97 3.11 0.00	44.32 2.94 0.00	40.25 2.56 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	45.26 2.76 0.00	39.38 2.64 0.00	35.71 2.15 0.00	34.07 1.84 0.00	32.95 1.69 0.00	34.57 1.80 0.00	44.28 2.27 0.00	49.19 2.70 0.00	40.71 2.52 0.00	37.86 2.61 0.00	34.94 2.53 -0.01	36.29 2.69 -0.01	37.01 2.80 -0.02	38.49 3.11 0.00	39.00 3.19 -0.01	41.43 3.63 0.00	47.61 3.85 0.00	51.29 3.13 0.00	59.54 2.67 0.00	57.25 2.04 0.00	50.58 1.85 0.00	45.79 1.93 0.00	43.24 1.86 0.00	39.34 1.66 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	45.26 2.76 0.00	39.38 2.64 0.00	35.71 2.15 0.00	34.07 1.84 0.00	32.98 1.72 0.00	34.61 1.84 0.00	44.32 2.31 0.00	49.24 2.74 0.00	40.71 2.52 0.00	37.86 2.61 0.00	34.94 2.53 -0.01	36.29 2.69 -0.01	37.01 2.80 -0.02	38.49 3.11 0.00	39.00 3.19 -0.01	41.43 3.63 0.00	47.61 3.85 0.00	51.34 3.18 0.00	59.59 2.73 0.00	57.25 2.04 0.00	50.58 1.85 0.00	45.79 1.93 0.00	43.28 1.90 0.00	39.34 1.66 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	45.26 2.76 0.00	39.34 2.61 0.00	35.71 2.15 0.00	34.07 1.84 0.00	32.95 1.69 0.00	34.57 1.80 0.00	44.28 2.27 0.00	49.19 2.70 0.00	40.67 2.48 0.00	37.86 2.61 0.00	34.94 2.53 -0.01	36.29 2.69 -0.01	36.97 2.77 -0.02	38.45 3.08 0.00	38.96 3.15 -0.01	41.39 3.59 0.00	47.56 3.81 0.00	51.29 3.13 0.00	59.54 2.67 0.00	57.25 2.04 0.00	50.58 1.85 0.00	45.79 1.93 0.00	43.24 1.86 0.00	39.34 1.66 0.00
FARRAGUT___LBMP 323566	45.21 2.72 0.00	39.31 2.57 0.00	35.68 2.11 0.00	34.03 1.80 0.00	32.92 1.66 0.00	34.54 1.77 0.00	44.24 2.23 0.00	49.15 2.65 0.00	40.63 2.44 0.00	37.79 2.54 0.00	34.88 2.46 -0.01	36.22 2.62 -0.01	36.94 2.74 -0.02	38.42 3.04 0.00	38.93 3.12 -0.01	41.35 3.55 0.00	47.52 3.76 0.00	51.24 3.08 0.00	59.48 2.62 0.00	57.19 1.99 0.00	50.53 1.80 0.00	45.74 1.89 0.00	43.20 1.82 0.00	39.30 1.62 0.00
FARRCKWY_69_KV_BK2 55825	46.40 3.91 0.00	40.64 3.56 -0.34	36.65 3.09 0.00	34.87 2.64 0.00	33.73 2.47 0.00	35.46 2.69 0.00	45.03 3.02 0.00	49.84 3.35 0.00	41.40 3.21 0.00	38.56 3.31 0.00	38.03 3.14 -2.48	39.91 3.33 -2.99	44.48 3.49 -6.80	44.40 3.79 -5.24	49.22 3.94 -9.47	49.83 4.35 -7.68	51.45 4.77 -2.92	52.77 4.48 -0.14	60.73 3.87 0.00	58.08 2.87 0.00	51.65 2.92 0.00	46.97 3.11 0.00	44.32 2.94 0.00	40.25 2.56 0.00
FENNER___WINDPWR 24204	42.62 0.38 0.25	37.09 0.44 0.09	34.03 0.47 0.00	32.78 0.55 0.00	31.73 0.47 0.00	33.29 0.52 0.00	42.38 0.59 0.22	46.81 0.65 0.34	38.46 0.27 0.00	35.43 0.18 0.00	32.47 0.06 0.00	33.69 0.10 0.00	34.33 0.14 0.00	35.55 0.18 0.00	35.95 0.14 0.00	37.85 0.08 0.02	43.75 0.18 0.18	48.56 0.53 0.13	57.51 0.97 0.32	56.04 1.10 0.27	49.17 0.78 0.33	44.32 0.66 0.19	41.65 0.50 0.23	37.91 0.38 0.15
FIBERTEK___ENERGY 23856	42.33 -0.42 -0.26	36.53 -0.29 -0.09	33.37 -0.20 0.00	32.07 -0.16 0.00	31.11 -0.16 0.00	32.57 -0.20 0.00	41.82 -0.42 -0.23	46.48 -0.37 -0.35	37.73 -0.46 0.00	34.79 -0.46 0.00	31.92 -0.49 0.00	33.12 -0.47 0.00	33.78 -0.41 0.00	34.95 -0.42 0.00	35.30 -0.50 0.00	37.25 -0.57 -0.02	43.42 -0.53 -0.19	47.92 -0.34 -0.10	56.99 -0.11 -0.24	55.30 -0.11 -0.20	48.78 -0.19 -0.25	43.74 -0.26 -0.15	41.18 -0.37 -0.17	37.42 -0.38 -0.11
FITZPATRICK____ 23598	40.92 -1.57 0.00	35.49 -1.25 0.00	32.46 -1.11 0.00	31.23 -1.00 0.00	30.29 -0.97 0.00	31.69 -1.08 0.00	40.50 -1.51 0.00	44.87 -1.63 0.00	36.82 -1.37 0.00	33.94 -1.30 0.00	31.18 -1.23 0.00	32.38 -1.21 0.00	32.99 -1.20 0.00	34.14 -1.24 0.00	34.52 -1.29 0.00	36.40 -1.40 0.00	42.22 -1.53 0.00	46.61 -1.54 0.00	55.10 -1.76 0.00	53.49 -1.71 0.00	47.22 -1.51 0.00	42.41 -1.45 0.00	39.93 -1.45 0.00	36.33 -1.36 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	44.96 2.46 0.00	39.16 2.42 0.00	35.58 2.01 0.00	34.00 1.77 0.00	32.89 1.63 0.00	34.54 1.77 0.00	44.07 2.06 0.00	48.82 2.32 0.00	40.10 1.91 0.00	37.12 1.87 0.00	34.19 1.78 0.00	35.54 1.95 0.00	36.21 2.02 0.00	37.57 2.19 0.00	38.13 2.33 0.00	40.48 2.68 0.00	46.78 3.02 0.00	50.90 2.74 0.00	59.71 2.84 0.00	57.58 2.37 0.00	50.73 2.00 0.00	45.70 1.84 0.00	43.16 1.78 0.00	39.27 1.58 0.00
FORT ORANGE____ 23900	43.34 0.85 0.00	37.80 1.07 0.00	34.64 1.07 0.00	33.19 0.97 0.00	32.17 0.91 0.00	33.75 0.98 0.00	42.89 0.88 0.00	47.29 0.79 0.00	38.72 0.53 0.00	35.70 0.46 0.00	32.83 0.42 0.00	33.93 0.34 0.00	34.43 0.24 0.00	35.63 0.25 0.00	36.16 0.36 0.00	38.37 0.57 0.00	44.33 0.57 0.00	48.83 0.67 0.00	57.72 0.85 0.00	56.09 0.88 0.00	49.51 0.78 0.00	44.52 0.66 0.00	42.12 0.75 0.00	38.36 0.68 0.00
FORT_DRUM_COGEN 23780	43.73 1.23 0.00	37.95 1.21 0.00	34.84 1.28 0.00	33.74 1.51 0.00	32.51 1.25 0.00	34.25 1.47 0.00	44.24 2.23 0.00	48.54 2.05 0.00	39.11 0.92 0.00	35.81 0.56 0.00	32.76 0.36 0.00	34.00 0.40 0.00	34.56 0.38 0.00	35.91 0.53 0.00	36.16 0.36 0.00	37.72 -0.08 0.00	43.80 0.04 0.00	49.12 0.96 0.00	59.19 2.33 0.00	58.24 3.04 0.00	51.02 2.29 0.00	45.88 2.02 0.00	43.24 1.86 0.00	39.23 1.55 0.00
FOX_HILLS___ESR 323835	45.64 3.14 0.00	39.64 2.90 0.00	35.81 2.25 0.00	34.13 1.90 0.00	33.01 1.75 0.00	34.47 1.70 0.00	44.07 2.06 0.00	48.59 2.09 0.00	40.29 2.10 0.00	37.51 2.26 0.00	34.65 2.23 -0.01	35.95 2.35 -0.01	36.70 2.49 -0.02	38.14 2.76 0.00	38.71 2.90 -0.01	41.16 3.36 0.00	47.47 3.72 0.00	50.80 2.65 0.00	58.62 1.76 0.01	56.52 1.32 0.01	49.95 1.22 0.00	45.48 1.62 0.00	43.08 1.70 0.00	39.38 1.70 0.00
FPL FAR_ROCK_GT1 24212	46.41 3.91 -0.01	40.64 3.56 -0.34	36.63 3.05 -0.01	34.87 2.64 0.00	33.77 2.50 0.00	35.42 2.65 0.00	45.04 3.03 0.00	49.56 3.07 0.00	41.40 3.21 0.00	38.53 3.28 0.00	38.03 3.14 -2.48	39.91 3.33 -2.99	44.48 3.49 -6.80	44.36 3.75 -5.24	49.18 3.90 -9.47	49.79 4.31 -7.68	51.37 4.68 -2.92	52.68 4.38 -0.14	60.96 4.10 0.00	58.63 3.42 0.00	52.04 3.32 0.00	46.80 2.94 -0.01	44.36 2.98 0.00	40.47 2.79 0.00

FPL FAR_ROCK_GT2 23815	46.41 3.91 -0.01	40.64 3.56 -0.34	36.63 3.05 -0.01	34.87 2.64 0.00	33.77 2.50 0.00	35.42 2.65 0.00	45.04 3.03 0.00	49.56 3.07 0.00	41.40 3.21 0.00	38.53 3.28 0.00	38.03 3.14 -2.48	39.91 3.33 -2.99	44.48 3.49 -6.80	44.36 3.75 -5.24	49.18 3.90 -9.47	49.79 4.31 -7.68	51.37 4.68 -2.92	52.68 4.38 -0.14	60.96 4.10 0.00	58.63 3.42 0.00	52.04 3.32 0.00	46.80 2.94 -0.01	44.36 2.98 0.00	40.47 2.79 0.00
FRANKLIN_FALL_HYD 24054	43.34 0.85 0.00	37.21 0.48 0.00	33.90 0.34 0.00	32.62 0.39 0.00	31.67 0.41 0.00	33.20 0.43 0.00	42.98 0.97 0.00	47.43 0.93 0.00	38.95 0.76 0.00	35.78 0.53 0.00	32.89 0.49 0.00	33.96 0.37 0.00	34.60 0.41 0.00	35.76 0.39 0.00	36.09 0.29 0.00	37.95 0.15 0.00	43.98 0.22 0.00	48.54 0.39 0.00	57.55 0.68 0.00	56.31 1.10 0.00	49.80 1.07 0.00	44.87 1.01 0.00	42.33 0.95 0.00	38.44 0.75 0.00
FREEPORT_EQUS_GT1 23764	46.03 3.53 -0.01	40.35 3.27 -0.34	36.36 2.78 -0.01	34.61 2.38 0.00	33.55 2.28 0.00	35.20 2.42 0.00	44.78 2.77 0.00	49.19 2.70 0.00	41.13 2.94 0.00	38.28 3.03 0.00	37.77 2.88 -2.48	39.61 3.02 -2.99	44.13 3.14 -6.80	43.97 3.36 -5.24	48.79 3.51 -9.47	49.37 3.89 -7.68	50.88 4.20 -2.92	52.15 3.85 -0.14	60.27 3.41 0.00	57.96 2.76 0.00	51.55 2.83 0.00	46.45 2.59 -0.01	44.11 2.73 0.00	40.21 2.53 0.00
FREEPORT___CT2 23818	46.03 3.53 -0.01	40.35 3.27 -0.34	36.36 2.78 -0.01	34.61 2.38 0.00	33.55 2.28 0.00	35.20 2.42 0.00	44.78 2.77 0.00	49.19 2.70 0.00	41.13 2.94 0.00	38.28 3.03 0.00	37.77 2.88 -2.48	39.61 3.02 -2.99	44.13 3.14 -6.80	43.97 3.36 -5.24	48.79 3.51 -9.47	49.37 3.89 -7.68	50.88 4.20 -2.92	52.15 3.85 -0.14	60.27 3.41 0.00	57.96 2.76 0.00	51.55 2.83 0.00	46.45 2.59 -0.01	44.11 2.73 0.00	40.21 2.53 0.00
FRESHKLS_33_KV_LOAD 356253	45.81 3.32 0.00	39.78 3.05 0.00	35.95 2.38 0.00	34.29 2.06 0.00	33.14 1.88 0.00	34.57 1.80 0.00	44.19 2.18 0.00	48.68 2.19 0.00	40.36 2.18 0.00	37.54 2.29 0.00	34.72 2.30 -0.01	35.99 2.39 -0.01	36.73 2.53 -0.02	38.21 2.83 0.00	38.78 2.97 -0.01	41.24 3.44 0.00	47.61 3.85 0.00	50.90 2.74 0.00	58.56 1.70 0.01	56.47 1.27 0.01	50.04 1.32 0.00	45.61 1.76 0.00	43.20 1.82 0.00	39.53 1.85 0.00
FULTON COGEN____ 23766	42.34 -1.10 -0.95	36.18 -0.88 -0.32	32.84 -0.74 -0.01	31.58 -0.64 0.00	30.64 -0.63 0.00	32.05 -0.72 0.00	41.78 -1.05 -0.82	46.64 -1.12 -1.26	37.20 -0.99 0.00	34.30 -0.95 0.00	31.47 -0.94 0.00	32.69 -0.91 0.00	33.30 -0.89 0.00	34.42 -0.96 0.00	34.80 -1.00 0.00	36.78 -1.10 -0.08	43.31 -1.14 -0.69	47.59 -1.01 -0.44	56.94 -1.02 -1.10	55.15 -0.99 -0.93	48.96 -0.93 -1.15	43.61 -0.92 -0.67	41.17 -0.99 -0.78	37.30 -0.90 -0.52
FULTON___LFGE 323630	44.36 1.87 0.00	38.46 1.73 0.00	35.21 1.64 0.00	33.78 1.55 0.00	32.73 1.47 0.00	34.44 1.67 0.00	44.11 2.10 0.00	47.98 1.49 0.00	38.15 -0.04 0.00	34.47 -0.78 0.00	31.44 -0.97 0.00	32.55 -1.04 0.00	32.99 -1.20 0.00	34.07 -1.31 0.00	34.52 -1.29 0.00	36.70 -1.10 0.00	42.84 -0.92 0.00	48.40 0.24 0.00	59.02 2.16 0.00	57.86 2.65 0.00	50.97 2.24 0.00	45.70 1.84 0.00	43.08 1.70 0.00	39.12 1.43 0.00
G.F.CEMENT___DRP 24184	44.24 1.74 0.00	38.42 1.69 0.00	35.31 1.75 0.00	33.84 1.61 0.00	32.73 1.47 0.00	34.44 1.67 0.00	43.90 1.89 0.00	48.22 1.72 0.00	39.11 0.92 0.00	35.78 0.53 0.00	32.67 0.26 0.00	33.76 0.17 0.00	34.15 -0.03 0.00	35.20 -0.18 0.00	35.70 -0.11 0.00	37.91 0.11 0.00	43.98 0.22 0.00	48.88 0.72 0.00	58.68 1.82 0.00	57.30 2.10 0.00	50.48 1.75 0.00	45.35 1.49 0.00	42.91 1.53 0.00	39.04 1.36 0.00
GARDENVILLE___LBMP 24039	38.81 -2.46 1.22	34.63 -1.69 0.42	32.17 -1.38 0.02	31.17 -1.06 0.00	30.11 -1.16 0.00	31.46 -1.31 0.00	38.48 -2.48 1.05	42.35 -2.51 1.63	36.66 -1.53 0.00	33.84 -1.41 0.00	31.05 -1.36 0.00	32.69 -0.91 0.00	33.37 -0.82 0.00	34.42 -0.96 0.00	34.84 -0.97 0.00	35.95 -1.74 0.11	40.73 -2.14 0.89	45.77 -1.83 0.56	53.48 -1.99 1.40	52.36 -1.66 1.18	45.37 -1.90 1.46	41.04 -1.97 0.85	38.15 -2.23 0.99	35.36 -1.66 0.66
GARDNVLA_35_KV_LD 355827	38.93 -2.34 1.23	34.70 -1.62 0.42	32.27 -1.28 0.02	31.26 -0.97 0.00	30.20 -1.06 0.00	31.53 -1.25 0.00	38.60 -2.35 1.06	42.44 -2.42 1.64	36.78 -1.41 0.00	33.94 -1.30 0.00	31.14 -1.26 0.00	32.79 -0.81 0.00	33.47 -0.72 0.00	34.53 -0.85 0.00	34.95 -0.86 0.00	36.07 -1.63 0.11	40.81 -2.06 0.89	45.86 -1.73 0.56	53.59 -1.88 1.40	52.47 -1.55 1.19	45.51 -1.75 1.47	41.16 -1.84 0.85	38.23 -2.15 0.99	35.48 -1.55 0.66
GELCKHM___115KV_LOAD 80723	42.37 -0.38 -0.26	36.57 -0.26 -0.09	33.40 -0.17 0.00	32.10 -0.13 0.00	31.14 -0.13 0.00	32.61 -0.16 0.00	41.86 -0.38 -0.23	46.52 -0.33 -0.35	37.77 -0.42 0.00	34.82 -0.42 0.00	31.95 -0.45 0.00	33.16 -0.44 0.00	33.81 -0.38 0.00	34.99 -0.39 0.00	35.34 -0.47 0.00	37.25 -0.57 -0.02	43.47 -0.48 -0.19	47.96 -0.29 -0.10	57.05 -0.06 -0.24	55.35 -0.06 -0.20	48.83 -0.15 -0.25	43.83 -0.18 -0.15	41.22 -0.33 -0.17	37.46 -0.34 -0.11
GENERAL___MILLS 23808	38.85 -2.42 1.22	34.66 -1.65 0.42	32.24 -1.31 0.02	31.23 -1.00 0.00	30.17 -1.09 0.00	31.49 -1.28 0.00	38.56 -2.39 1.06	42.40 -2.46 1.64	36.70 -1.49 0.00	33.87 -1.37 0.00	31.11 -1.30 0.00	32.75 -0.84 0.00	33.40 -0.79 0.00	34.46 -0.92 0.00	34.91 -0.90 0.00	36.03 -1.66 0.11	40.77 -2.10 0.89	45.81 -1.78 0.56	53.53 -1.93 1.40	52.42 -1.60 1.19	45.41 -1.85 1.46	41.12 -1.89 0.85	38.19 -2.19 0.99	35.40 -1.62 0.66
GE_PLASTICS___DRP 24183	43.17 0.68 0.00	37.58 0.84 0.00	34.44 0.87 0.00	33.00 0.77 0.00	32.01 0.75 0.00	33.56 0.79 0.00	42.68 0.67 0.00	47.10 0.60 0.00	38.69 0.50 0.00	35.71 0.46 0.00	32.83 0.42 0.00	33.96 0.37 0.00	34.53 0.34 0.00	35.69 0.32 0.00	36.23 0.43 0.00	38.36 0.57 0.00	44.33 0.57 0.00	48.73 0.58 0.00	57.49 0.63 0.00	55.76 0.55 0.00	49.26 0.54 0.00	44.34 0.48 0.00	41.92 0.54 0.00	38.21 0.53 0.00
GILBOA___1 23756	43.34 0.85 0.00	37.65 0.92 0.00	34.54 0.97 0.00	33.10 0.87 0.00	32.20 0.94 0.00	33.66 0.89 0.00	42.72 0.71 0.00	47.24 0.74 0.00	38.88 0.69 0.00	35.92 0.67 0.00	33.06 0.65 0.00	34.26 0.67 0.00	34.87 0.68 0.00	36.08 0.71 0.00	36.59 0.79 0.00	38.70 0.91 0.00	44.72 0.96 0.00	49.07 0.91 0.00	57.77 0.91 0.00	55.98 0.77 0.00	49.41 0.68 0.00	44.47 0.61 0.00	42.00 0.62 0.00	38.25 0.57 0.00
GILBOA___2 23757	43.34 0.85 0.00	37.65 0.92 0.00	34.54 0.97 0.00	33.10 0.87 0.00	32.20 0.94 0.00	33.66 0.89 0.00	42.72 0.71 0.00	47.24 0.74 0.00	38.88 0.69 0.00	35.92 0.67 0.00	33.06 0.65 0.00	34.26 0.67 0.00	34.87 0.68 0.00	36.08 0.71 0.00	36.59 0.79 0.00	38.70 0.91 0.00	44.72 0.96 0.00	49.07 0.91 0.00	57.77 0.91 0.00	55.98 0.77 0.00	49.41 0.68 0.00	44.47 0.61 0.00	42.00 0.62 0.00	38.25 0.57 0.00

GILBOA___3 23758	43.34 0.85 0.00	37.65 0.92 0.00	34.54 0.97 0.00	33.10 0.87 0.00	32.20 0.94 0.00	33.66 0.89 0.00	42.72 0.71 0.00	47.24 0.74 0.00	38.88 0.69 0.00	35.92 0.67 0.00	33.06 0.65 0.00	34.26 0.67 0.00	34.87 0.68 0.00	36.08 0.71 0.00	36.59 0.79 0.00	38.70 0.91 0.00	44.72 0.96 0.00	49.07 0.91 0.00	57.77 0.91 0.00	55.98 0.77 0.00	49.41 0.68 0.00	44.47 0.61 0.00	42.00 0.62 0.00	38.25 0.57 0.00
GILBOA___4 23759	43.34 0.85 0.00	37.65 0.92 0.00	34.54 0.97 0.00	33.10 0.87 0.00	32.20 0.94 0.00	33.66 0.89 0.00	42.72 0.71 0.00	47.24 0.74 0.00	38.88 0.69 0.00	35.92 0.67 0.00	33.06 0.65 0.00	34.26 0.67 0.00	34.87 0.68 0.00	36.08 0.71 0.00	36.59 0.79 0.00	38.70 0.91 0.00	44.72 0.96 0.00	49.07 0.91 0.00	57.77 0.91 0.00	55.98 0.77 0.00	49.41 0.68 0.00	44.47 0.61 0.00	42.00 0.62 0.00	38.25 0.57 0.00
GILBOA___ 23599	43.34 0.85 0.00	37.65 0.92 0.00	34.57 1.01 0.00	33.10 0.87 0.00	32.20 0.94 0.00	33.66 0.88 0.00	42.72 0.71 0.00	47.29 0.79 0.00	38.84 0.65 0.00	35.92 0.67 0.00	33.06 0.65 0.00	34.26 0.67 0.00	34.87 0.68 0.00	36.08 0.71 0.00	36.59 0.79 0.00	38.74 0.94 0.00	44.76 1.01 0.00	49.12 0.96 0.00	57.83 0.97 0.00	55.98 0.77 0.00	49.41 0.68 0.00	44.47 0.61 0.00	42.00 0.62 0.00	38.25 0.57 0.00
GINNA___ 23603	37.81 -3.23 1.45	33.71 -2.53 0.49	31.33 -2.22 0.02	30.30 -1.93 0.00	29.26 -2.00 0.00	30.71 -2.06 0.00	37.61 -3.15 1.25	41.54 -3.02 1.93	35.59 -2.60 0.00	32.78 -2.47 0.00	30.17 -2.24 0.00	31.54 -2.05 0.00	32.20 -1.98 0.00	33.22 -2.16 0.00	33.55 -2.25 0.00	34.84 -2.84 0.13	39.69 -3.02 1.05	44.69 -2.84 0.63	52.12 -3.18 1.56	50.90 -2.98 1.33	44.26 -2.83 1.64	40.28 -2.63 0.95	37.50 -2.77 1.11	34.45 -2.49 0.74
GLEN PARK___ 23778	43.89 1.40 0.00	38.09 1.36 0.00	34.97 1.41 0.00	33.84 1.61 0.00	32.64 1.37 0.00	34.38 1.61 0.00	44.40 2.39 0.00	48.77 2.28 0.00	39.14 0.96 0.00	35.85 0.60 0.00	32.77 0.36 0.00	34.03 0.44 0.00	34.60 0.41 0.00	35.94 0.56 0.00	36.20 0.39 0.00	37.91 0.11 0.00	43.89 0.13 0.00	49.31 1.15 0.00	59.48 2.62 0.00	58.52 3.31 0.00	51.26 2.53 0.00	46.09 2.24 0.00	43.36 1.99 0.00	39.34 1.66 0.00
GLENDALE_27_KV_LOAD 356172	45.51 3.02 0.00	39.56 2.83 0.00	35.81 2.25 0.00	34.16 1.93 0.00	33.05 1.78 0.00	34.60 1.83 0.00	44.28 2.27 0.00	48.96 2.46 0.00	40.67 2.48 0.00	37.86 2.61 0.00	34.98 2.56 -0.01	36.29 2.69 -0.01	37.01 2.80 -0.02	38.45 3.08 0.00	39.04 3.22 -0.01	41.46 3.67 0.00	47.70 3.94 0.00	51.24 3.08 0.00	59.30 2.44 0.01	57.13 1.93 0.01	50.53 1.80 0.00	45.74 1.88 0.00	43.24 1.86 0.00	39.45 1.77 0.00
GLENWOOD_IC_1_G5 23712	45.60 3.10 0.00	40.02 2.94 -0.34	36.05 2.48 0.00	34.36 2.13 0.00	33.23 1.97 0.00	34.93 2.16 0.00	44.49 2.48 0.00	49.33 2.84 0.00	40.86 2.67 0.00	38.07 2.82 0.00	37.58 2.69 -2.48	39.44 2.86 -2.99	43.97 2.97 -6.80	43.87 3.25 -5.24	48.64 3.37 -9.47	49.22 3.74 -7.68	50.75 4.07 -2.92	51.95 3.66 -0.14	59.93 3.07 0.00	57.47 2.26 0.00	50.97 2.24 0.00	46.27 2.41 0.00	43.61 2.23 0.00	39.64 1.96 0.00
GLENWOOD_IC_2_G1 23688	45.31 2.80 -0.01	39.76 2.68 -0.34	35.82 2.25 -0.01	34.16 1.93 0.00	33.08 1.81 0.00	34.70 1.93 0.00	44.28 2.27 0.00	48.87 2.37 0.00	40.67 2.48 0.00	37.79 2.54 0.00	37.38 2.50 -2.48	39.21 2.62 -2.99	43.73 2.74 -6.80	43.55 2.93 -5.24	48.36 3.08 -9.47	48.88 3.40 -7.68	50.31 3.63 -2.92	51.47 3.18 -0.14	59.65 2.79 0.00	57.47 2.26 0.00	50.87 2.14 0.00	45.84 1.98 -0.01	43.36 1.99 0.00	39.57 1.88 0.00
GLENWOOD_IC_3_G1 23689	45.31 2.80 -0.01	39.76 2.68 -0.34	35.82 2.25 -0.01	34.16 1.93 0.00	33.08 1.81 0.00	34.70 1.93 0.00	44.28 2.27 0.00	48.87 2.37 0.00	40.67 2.48 0.00	37.79 2.54 0.00	37.38 2.50 -2.48	39.21 2.62 -2.99	43.73 2.74 -6.80	43.55 2.93 -5.24	48.36 3.08 -9.47	48.88 3.40 -7.68	50.31 3.63 -2.92	51.47 3.18 -0.14	59.65 2.79 0.00	57.47 2.26 0.00	50.87 2.14 0.00	45.84 1.98 -0.01	43.36 1.99 0.00	39.57 1.88 0.00
GLENWOOD___4 23550	45.60 3.10 0.00	40.02 2.94 -0.34	36.05 2.48 0.00	34.36 2.13 0.00	33.23 1.97 0.00	34.93 2.16 0.00	44.49 2.48 0.00	49.33 2.84 0.00	40.86 2.67 0.00	38.07 2.82 0.00	37.58 2.69 -2.48	39.44 2.86 -2.99	43.97 2.97 -6.80	43.87 3.25 -5.24	48.64 3.37 -9.47	49.22 3.74 -7.68	50.75 4.07 -2.92	51.95 3.66 -0.14	59.93 3.07 0.00	57.47 2.26 0.00	50.97 2.24 0.00	46.27 2.41 0.00	43.61 2.23 0.00	39.64 1.96 0.00
GLENWOOD___5 23614	45.60 3.10 0.00	40.02 2.94 -0.34	36.05 2.48 0.00	34.36 2.13 0.00	33.23 1.97 0.00	34.93 2.16 0.00	44.49 2.48 0.00	49.33 2.84 0.00	40.86 2.67 0.00	38.07 2.82 0.00	37.58 2.69 -2.48	39.44 2.86 -2.99	43.97 2.97 -6.80	43.87 3.25 -5.24	48.64 3.37 -9.47	49.22 3.74 -7.68	50.75 4.07 -2.92	51.95 3.66 -0.14	59.93 3.07 0.00	57.47 2.26 0.00	50.97 2.24 0.00	46.27 2.41 0.00	43.61 2.23 0.00	39.64 1.96 0.00
GLOBAL GREEN_PORT_GT1 23814	47.56 5.05 -0.01	41.85 4.77 -0.34	37.53 3.96 -0.01	35.74 3.51 0.00	34.73 3.47 0.00	36.31 3.54 0.00	46.13 4.12 0.00	50.59 4.09 0.00	42.43 4.24 0.00	39.65 4.41 0.00	39.23 4.34 -2.48	41.29 4.70 -2.99	46.09 5.10 -6.80	45.53 4.92 -5.24	50.40 5.12 -9.47	51.26 5.78 -7.68	53.12 6.43 -2.93	69.38 6.21 -15.01	62.72 5.86 0.00	60.18 4.97 0.00	53.55 4.83 0.00	47.73 3.86 -0.01	45.48 4.10 0.00	41.60 3.92 0.00
GLOBE___DSASP 323697	37.67 -3.53 1.30	33.83 -2.46 0.44	31.47 -2.08 0.02	30.49 -1.74 0.00	29.51 -1.75 0.00	30.71 -2.06 0.00	37.19 -3.70 1.12	40.85 -3.91 1.74	35.71 -2.48 0.00	32.92 -2.33 0.00	30.24 -2.17 0.00	31.81 -1.78 0.00	32.45 -1.74 0.00	33.47 -1.91 0.00	33.87 -1.93 0.00	34.89 -2.80 0.11	39.44 -3.37 0.95	44.33 -3.23 0.60	51.68 -3.70 1.49	50.63 -3.31 1.26	43.91 -3.26 1.56	39.84 -3.11 0.90	37.06 -3.27 1.05	34.42 -2.56 0.70
GOETHSLN___LBMP 323567	44.96 2.46 0.00	39.12 2.39 0.00	35.48 1.91 0.00	33.84 1.61 0.00	32.76 1.50 0.00	34.38 1.61 0.00	44.03 2.02 0.00	48.91 2.42 0.00	40.48 2.29 0.00	37.64 2.40 0.00	34.75 2.33 -0.01	36.09 2.49 -0.01	36.80 2.60 -0.02	38.28 2.90 0.00	38.78 2.97 -0.01	41.24 3.44 0.00	47.39 3.63 0.00	51.05 2.89 0.00	59.19 2.33 0.00	56.92 1.71 0.00	50.34 1.61 0.00	45.52 1.67 0.00	42.99 1.61 0.00	39.12 1.43 0.00
GOLAH___69_KV_TB 1_2 80279	39.74 -1.36 1.40	35.41 -0.84 0.48	32.88 -0.67 0.02	31.84 -0.39 0.00	30.73 -0.53 0.00	32.21 -0.56 0.00	39.38 -1.43 1.20	43.24 -1.39 1.86	37.27 -0.92 0.00	34.33 -0.92 0.00	31.57 -0.84 0.00	33.06 -0.54 0.00	33.71 -0.48 0.00	34.77 -0.60 0.00	35.12 -0.68 0.00	36.35 -1.32 0.12	41.30 -1.44 1.01	46.47 -1.06 0.63	54.38 -0.91 1.58	53.21 -0.66 1.34	46.25 -0.83 1.65	42.02 -0.88 0.96	39.14 -1.12 1.12	36.18 -0.75 0.75

GOODYEAR_LAKE_HYD 323669	43.68 1.19 0.00	37.91 1.18 0.00	34.71 1.14 0.00	33.29 1.06 0.00	32.26 1.00 0.00	33.85 1.08 0.00	43.19 1.18 0.00	47.70 1.21 0.00	39.07 0.88 0.00	36.09 0.85 0.00	33.19 0.78 0.00	34.47 0.87 0.00	35.08 0.89 0.00	36.37 0.99 0.00	36.84 1.04 0.00	38.89 1.10 0.00	44.98 1.23 0.00	49.60 1.44 0.00	58.63 1.76 0.00	56.97 1.77 0.00	50.09 1.36 0.00	45.04 1.18 0.00	42.45 1.08 0.00	38.63 0.94 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	41.66 -0.51 0.32	36.37 -0.26 0.11	33.43 -0.13 0.00	32.13 -0.10 0.00	31.17 -0.09 0.00	32.61 -0.16 0.00	41.19 -0.55 0.28	45.60 -0.46 0.43	37.81 -0.38 0.00	34.97 -0.28 0.00	32.08 -0.32 0.00	33.39 -0.20 0.00	34.05 -0.14 0.00	35.23 -0.14 0.00	35.66 -0.14 0.00	37.54 -0.23 0.03	43.35 -0.18 0.23	48.05 0.05 0.16	56.70 0.23 0.39	55.26 0.39 0.33	48.37 0.05 0.41	43.53 -0.09 0.24	40.81 -0.29 0.27	37.27 -0.23 0.18
GOUDEY___7 23579	41.66 -0.51 0.32	36.37 -0.26 0.11	33.43 -0.13 0.00	32.13 -0.10 0.00	31.17 -0.09 0.00	32.61 -0.16 0.00	41.19 -0.55 0.28	45.60 -0.46 0.43	37.81 -0.38 0.00	34.97 -0.28 0.00	32.08 -0.32 0.00	33.39 -0.20 0.00	34.05 -0.14 0.00	35.23 -0.14 0.00	35.66 -0.14 0.00	37.54 -0.23 0.03	43.35 -0.18 0.23	48.05 0.05 0.16	56.70 0.23 0.39	55.26 0.39 0.33	48.37 0.05 0.41	43.53 -0.09 0.24	40.81 -0.29 0.27	37.27 -0.23 0.18
GOUDEY___8 23580	41.66 -0.51 0.32	36.37 -0.26 0.11	33.43 -0.13 0.00	32.13 -0.10 0.00	31.17 -0.09 0.00	32.61 -0.16 0.00	41.19 -0.55 0.28	45.60 -0.46 0.43	37.81 -0.38 0.00	34.97 -0.28 0.00	32.08 -0.32 0.00	33.39 -0.20 0.00	34.05 -0.14 0.00	35.23 -0.14 0.00	35.66 -0.14 0.00	37.54 -0.23 0.03	43.35 -0.18 0.23	48.05 0.05 0.16	56.70 0.23 0.39	55.26 0.39 0.33	48.37 0.05 0.41	43.53 -0.09 0.24	40.81 -0.29 0.27	37.27 -0.23 0.18
GOWANUS_GT1_1 24077	45.51 3.02 0.00	39.53 2.79 0.00	35.78 2.22 0.00	34.07 1.84 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.03 2.02 0.00	48.82 2.32 0.00	40.33 2.14 0.00	37.54 2.29 0.00	34.68 2.27 -0.01	35.99 2.39 -0.01	36.73 2.53 -0.02	38.24 2.87 0.00	38.75 2.94 -0.01	41.24 3.44 0.00	47.52 3.76 0.00	50.90 2.74 0.00	58.90 2.05 0.01	56.69 1.49 0.01	50.09 1.36 0.00	45.44 1.58 0.00	43.03 1.66 0.00	39.27 1.58 0.00
GOWANUS_GT1_2 24078	45.51 3.02 0.00	39.53 2.79 0.00	35.78 2.22 0.00	34.07 1.84 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.03 2.02 0.00	48.82 2.32 0.00	40.33 2.14 0.00	37.54 2.29 0.00	34.68 2.27 -0.01	35.99 2.39 -0.01	36.73 2.53 -0.02	38.24 2.87 0.00	38.75 2.94 -0.01	41.24 3.44 0.00	47.52 3.76 0.00	50.90 2.74 0.00	58.90 2.05 0.01	56.69 1.49 0.01	50.09 1.36 0.00	45.44 1.58 0.00	43.03 1.66 0.00	39.27 1.58 0.00
GOWANUS_GT1_3 24079	45.51 3.02 0.00	39.53 2.79 0.00	35.78 2.22 0.00	34.07 1.84 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.03 2.02 0.00	48.82 2.32 0.00	40.33 2.14 0.00	37.54 2.29 0.00	34.68 2.27 -0.01	35.99 2.39 -0.01	36.73 2.53 -0.02	38.24 2.87 0.00	38.75 2.94 -0.01	41.24 3.44 0.00	47.52 3.76 0.00	50.90 2.74 0.00	58.90 2.05 0.01	56.69 1.49 0.01	50.09 1.36 0.00	45.44 1.58 0.00	43.03 1.66 0.00	39.27 1.58 0.00
GOWANUS_GT1_4 24080	45.51 3.02 0.00	39.53 2.79 0.00	35.78 2.22 0.00	34.07 1.84 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.03 2.02 0.00	48.82 2.32 0.00	40.33 2.14 0.00	37.54 2.29 0.00	34.68 2.27 -0.01	35.99 2.39 -0.01	36.73 2.53 -0.02	38.24 2.87 0.00	38.75 2.94 -0.01	41.24 3.44 0.00	47.52 3.76 0.00	50.90 2.74 0.00	58.90 2.05 0.01	56.69 1.49 0.01	50.09 1.36 0.00	45.44 1.58 0.00	43.03 1.66 0.00	39.27 1.58 0.00
GOWANUS_GT1_5 24084	45.51 3.02 0.00	39.53 2.79 0.00	35.78 2.22 0.00	34.07 1.84 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.03 2.02 0.00	48.82 2.32 0.00	40.33 2.14 0.00	37.54 2.29 0.00	34.68 2.27 -0.01	35.99 2.39 -0.01	36.73 2.53 -0.02	38.24 2.87 0.00	38.75 2.94 -0.01	41.24 3.44 0.00	47.52 3.76 0.00	50.90 2.74 0.00	58.90 2.05 0.01	56.69 1.49 0.01	50.09 1.36 0.00	45.44 1.58 0.00	43.03 1.66 0.00	39.27 1.58 0.00
GOWANUS_GT1_6 24111	45.51 3.02 0.00	39.53 2.79 0.00	35.78 2.22 0.00	34.07 1.84 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.03 2.02 0.00	48.82 2.32 0.00	40.33 2.14 0.00	37.54 2.29 0.00	34.68 2.27 -0.01	35.99 2.39 -0.01	36.73 2.53 -0.02	38.24 2.87 0.00	38.75 2.94 -0.01	41.24 3.44 0.00	47.52 3.76 0.00	50.90 2.74 0.00	58.90 2.05 0.01	56.69 1.49 0.01	50.09 1.36 0.00	45.44 1.58 0.00	43.03 1.66 0.00	39.27 1.58 0.00
GOWANUS_GT1_7 24112	45.51 3.02 0.00	39.53 2.79 0.00	35.78 2.22 0.00	34.07 1.84 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.03 2.02 0.00	48.82 2.32 0.00	40.33 2.14 0.00	37.54 2.29 0.00	34.68 2.27 -0.01	35.99 2.39 -0.01	36.73 2.53 -0.02	38.24 2.87 0.00	38.75 2.94 -0.01	41.24 3.44 0.00	47.52 3.76 0.00	50.90 2.74 0.00	58.90 2.05 0.01	56.69 1.49 0.01	50.09 1.36 0.00	45.44 1.58 0.00	43.03 1.66 0.00	39.27 1.58 0.00
GOWANUS_GT1_8 24113	45.51 3.02 0.00	39.53 2.79 0.00	35.78 2.22 0.00	34.07 1.84 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.03 2.02 0.00	48.82 2.32 0.00	40.33 2.14 0.00	37.54 2.29 0.00	34.68 2.27 -0.01	35.99 2.39 -0.01	36.73 2.53 -0.02	38.24 2.87 0.00	38.75 2.94 -0.01	41.24 3.44 0.00	47.52 3.76 0.00	50.90 2.74 0.00	58.90 2.05 0.01	56.69 1.49 0.01	50.09 1.36 0.00	45.44 1.58 0.00	43.03 1.66 0.00	39.27 1.58 0.00
GOWANUS_GT2_1 24114	45.51 3.02 0.00	39.56 2.83 0.00	35.75 2.18 0.00	34.10 1.87 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.07 2.06 0.00	48.59 2.09 0.00	40.33 2.14 0.00	37.54 2.29 0.00	34.68 2.27 -0.01	35.99 2.39 -0.01	36.73 2.53 -0.02	38.17 2.79 0.00	38.75 2.94 -0.01	41.20 3.40 0.00	47.47 3.72 0.00	50.90 2.74 0.00	58.79 1.93 0.01	56.69 1.49 0.01	50.04 1.32 0.00	45.43 1.58 0.00	43.04 1.66 0.00	39.34 1.66 0.00
GOWANUS_GT2_2 24115	45.51 3.02 0.00	39.56 2.83 0.00	35.75 2.18 0.00	34.10 1.87 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.07 2.06 0.00	48.59 2.09 0.00	40.33 2.14 0.00	37.54 2.29 0.00	34.68 2.27 -0.01	35.99 2.39 -0.01	36.73 2.53 -0.02	38.17 2.79 0.00	38.75 2.94 -0.01	41.20 3.40 0.00	47.47 3.72 0.00	50.90 2.74 0.00	58.79 1.93 0.01	56.69 1.49 0.01	50.04 1.32 0.00	45.43 1.58 0.00	43.04 1.66 0.00	39.34 1.66 0.00
GOWANUS_GT2_3 24116	45.51 3.02 0.00	39.56 2.83 0.00	35.75 2.18 0.00	34.10 1.87 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.07 2.06 0.00	48.59 2.09 0.00	40.33 2.14 0.00	37.54 2.29 0.00	34.68 2.27 -0.01	35.99 2.39 -0.01	36.73 2.53 -0.02	38.17 2.79 0.00	38.75 2.94 -0.01	41.20 3.40 0.00	47.47 3.72 0.00	50.90 2.74 0.00	58.79 1.93 0.01	56.69 1.49 0.01	50.04 1.32 0.00	45.43 1.58 0.00	43.04 1.66 0.00	39.34 1.66 0.00

GOWANUS_GT2_4 24117	45.51 3.02 0.00	39.56 2.83 0.00	35.75 2.18 0.00	34.10 1.87 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.07 2.06 0.00	48.59 2.09 0.00	40.33 2.14 0.00	37.54 2.29 0.00	34.68 2.27 -0.01	35.99 2.39 -0.01	36.73 2.53 -0.02	38.17 2.79 0.00	38.75 2.94 -0.01	41.20 3.40 0.00	47.47 3.72 0.00	50.90 2.74 0.00	58.79 1.93 0.01	56.69 1.49 0.01	50.04 1.32 0.00	45.43 1.58 0.00	43.04 1.66 0.00	39.34 1.66 0.00
GOWANUS_GT2_5 24118	45.51 3.02 0.00	39.56 2.83 0.00	35.75 2.18 0.00	34.10 1.87 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.07 2.06 0.00	48.59 2.09 0.00	40.33 2.14 0.00	37.54 2.29 0.00	34.68 2.27 -0.01	35.99 2.39 -0.01	36.73 2.53 -0.02	38.17 2.79 0.00	38.75 2.94 -0.01	41.20 3.40 0.00	47.47 3.72 0.00	50.90 2.74 0.00	58.79 1.93 0.01	56.69 1.49 0.01	50.04 1.32 0.00	45.43 1.58 0.00	43.04 1.66 0.00	39.34 1.66 0.00
GOWANUS_GT2_6 24119	45.51 3.02 0.00	39.56 2.83 0.00	35.75 2.18 0.00	34.10 1.87 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.07 2.06 0.00	48.59 2.09 0.00	40.33 2.14 0.00	37.54 2.29 0.00	34.68 2.27 -0.01	35.99 2.39 -0.01	36.73 2.53 -0.02	38.17 2.79 0.00	38.75 2.94 -0.01	41.20 3.40 0.00	47.47 3.72 0.00	50.90 2.74 0.00	58.79 1.93 0.01	56.69 1.49 0.01	50.04 1.32 0.00	45.43 1.58 0.00	43.04 1.66 0.00	39.34 1.66 0.00
GOWANUS_GT2_7 24120	45.51 3.02 0.00	39.56 2.83 0.00	35.75 2.18 0.00	34.10 1.87 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.07 2.06 0.00	48.59 2.09 0.00	40.33 2.14 0.00	37.54 2.29 0.00	34.68 2.27 -0.01	35.99 2.39 -0.01	36.73 2.53 -0.02	38.17 2.79 0.00	38.75 2.94 -0.01	41.20 3.40 0.00	47.47 3.72 0.00	50.90 2.74 0.00	58.79 1.93 0.01	56.69 1.49 0.01	50.04 1.32 0.00	45.43 1.58 0.00	43.04 1.66 0.00	39.34 1.66 0.00
GOWANUS_GT2_8 24121	45.51 3.02 0.00	39.56 2.83 0.00	35.75 2.18 0.00	34.10 1.87 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.07 2.06 0.00	48.59 2.09 0.00	40.33 2.14 0.00	37.54 2.29 0.00	34.68 2.27 -0.01	35.99 2.39 -0.01	36.73 2.53 -0.02	38.17 2.79 0.00	38.75 2.94 -0.01	41.20 3.40 0.00	47.47 3.72 0.00	50.90 2.74 0.00	58.79 1.93 0.01	56.69 1.49 0.01	50.04 1.32 0.00	45.43 1.58 0.00	43.04 1.66 0.00	39.34 1.66 0.00
GOWANUS_GT3_1 24122	45.51 3.02 0.00	39.52 2.79 0.00	35.75 2.18 0.00	34.10 1.87 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.03 2.02 0.00	48.59 2.09 0.00	40.33 2.14 0.00	37.51 2.26 0.00	34.68 2.27 -0.01	35.99 2.39 -0.01	36.73 2.53 -0.02	38.17 2.79 0.00	38.75 2.94 -0.01	41.16 3.36 0.00	47.43 3.68 0.00	50.90 2.74 0.00	58.79 1.93 0.01	56.69 1.49 0.01	50.04 1.32 0.00	45.43 1.58 0.00	43.04 1.66 0.00	39.34 1.66 0.00
GOWANUS_GT3_2 24123	45.51 3.02 0.00	39.52 2.79 0.00	35.75 2.18 0.00	34.10 1.87 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.03 2.02 0.00	48.59 2.09 0.00	40.33 2.14 0.00	37.51 2.26 0.00	34.68 2.27 -0.01	35.99 2.39 -0.01	36.73 2.53 -0.02	38.17 2.79 0.00	38.75 2.94 -0.01	41.16 3.36 0.00	47.43 3.68 0.00	50.90 2.74 0.00	58.79 1.93 0.01	56.69 1.49 0.01	50.04 1.32 0.00	45.43 1.58 0.00	43.04 1.66 0.00	39.34 1.66 0.00
GOWANUS_GT3_3 24124	45.51 3.02 0.00	39.52 2.79 0.00	35.75 2.18 0.00	34.10 1.87 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.03 2.02 0.00	48.59 2.09 0.00	40.33 2.1															

GOWANUS_GT4_3 24132	45.51 3.02 0.00	39.56 2.83 0.00	35.78 2.22 0.00	34.10 1.87 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.07 2.06 0.00	48.82 2.32 0.00	40.33 2.14 0.00	37.54 2.29 0.00	34.68 2.27 -0.01	36.02 2.42 -0.01	36.73 2.53 -0.02	38.28 2.90 0.00	38.75 2.94 -0.01	41.24 3.44 0.00	47.56 3.81 0.00	50.90 2.74 0.00	58.90 2.05 0.01	56.69 1.49 0.01	50.09 1.36 0.00	45.48 1.62 0.00	43.07 1.70 0.00	39.27 1.58 0.00
GOWANUS_GT4_4 24133	45.51 3.02 0.00	39.56 2.83 0.00	35.78 2.22 0.00	34.10 1.87 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.07 2.06 0.00	48.82 2.32 0.00	40.33 2.14 0.00	37.54 2.29 0.00	34.68 2.27 -0.01	36.02 2.42 -0.01	36.73 2.53 -0.02	38.28 2.90 0.00	38.75 2.94 -0.01	41.24 3.44 0.00	47.56 3.81 0.00	50.90 2.74 0.00	58.90 2.05 0.01	56.69 1.49 0.01	50.09 1.36 0.00	45.48 1.62 0.00	43.07 1.70 0.00	39.27 1.58 0.00
GOWANUS_GT4_5 24134	45.51 3.02 0.00	39.56 2.83 0.00	35.78 2.22 0.00	34.10 1.87 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.07 2.06 0.00	48.82 2.32 0.00	40.33 2.14 0.00	37.54 2.29 0.00	34.68 2.27 -0.01	36.02 2.42 -0.01	36.73 2.53 -0.02	38.28 2.90 0.00	38.75 2.94 -0.01	41.24 3.44 0.00	47.56 3.81 0.00	50.90 2.74 0.00	58.90 2.05 0.01	56.69 1.49 0.01	50.09 1.36 0.00	45.48 1.62 0.00	43.07 1.70 0.00	39.27 1.58 0.00
GOWANUS_GT4_6 24135	45.51 3.02 0.00	39.56 2.83 0.00	35.78 2.22 0.00	34.10 1.87 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.07 2.06 0.00	48.82 2.32 0.00	40.33 2.14 0.00	37.54 2.29 0.00	34.68 2.27 -0.01	36.02 2.42 -0.01	36.73 2.53 -0.02	38.28 2.90 0.00	38.75 2.94 -0.01	41.24 3.44 0.00	47.56 3.81 0.00	50.90 2.74 0.00	58.90 2.05 0.01	56.69 1.49 0.01	50.09 1.36 0.00	45.48 1.62 0.00	43.07 1.70 0.00	39.27 1.58 0.00
GOWANUS_GT4_7 24136	45.51 3.02 0.00	39.56 2.83 0.00	35.78 2.22 0.00	34.10 1.87 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.07 2.06 0.00	48.82 2.32 0.00	40.33 2.14 0.00	37.54 2.29 0.00	34.68 2.27 -0.01	36.02 2.42 -0.01	36.73 2.53 -0.02	38.28 2.90 0.00	38.75 2.94 -0.01	41.24 3.44 0.00	47.56 3.81 0.00	50.90 2.74 0.00	58.90 2.05 0.01	56.69 1.49 0.01	50.09 1.36 0.00	45.48 1.62 0.00	43.07 1.70 0.00	39.27 1.58 0.00
GOWANUS_GT4_8 24137	45.51 3.02 0.00	39.56 2.83 0.00	35.78 2.22 0.00	34.10 1.87 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.07 2.06 0.00	48.82 2.32 0.00	40.33 2.14 0.00	37.54 2.29 0.00	34.68 2.27 -0.01	36.02 2.42 -0.01	36.73 2.53 -0.02	38.28 2.90 0.00	38.75 2.94 -0.01	41.24 3.44 0.00	47.56 3.81 0.00	50.90 2.74 0.00	58.90 2.05 0.01	56.69 1.49 0.01	50.09 1.36 0.00	45.48 1.62 0.00	43.07 1.70 0.00	39.27 1.58 0.00
GREENBSH_115KV_TB3 55895	43.09 0.59 0.00	37.58 0.84 0.00	34.47 0.91 0.00	33.03 0.81 0.00	32.01 0.75 0.00	33.59 0.82 0.00	42.64 0.63 0.00	47.05 0.56 0.00	38.61 0.42 0.00	35.64 0.39 0.00	32.80 0.39 0.00	33.89 0.30 0.00	34.43 0.24 0.00	35.59 0.21 0.00	36.13 0.32 0.00	38.29 0.49 0.00	44.20 0.44 0.00	48.64 0.48 0.00	57.43 0.57 0.00	55.70 0.50 0.00	49.22 0.49 0.00	44.30 0.44 0.00	41.87 0.50 0.00	38.17 0.49 0.00
GREENDGE_115KV_TB5 80291	41.31 -0.47 0.71	36.31 -0.18 0.24	33.49 -0.07 0.01	32.29 0.06 0.00	31.30 0.03 0.00	32.74 -0.03 0.00	41.06 -0.34 0.62	45.36 -0.19 0.95	37.88 -0.31 0.00	34.82 -0.42 0.00	31.86 -0.55 0.00	33.19 -0.40 0.00	33.92 -0.27 0.00	35.02 -0.35 0.00	35.41 -0.39 0.00	37.09 -0.64 0.06	42.76 -0.48 0.52	47.34 -0.48 0.33	55.41 -0.63 0.83	54.17 -0.33 0.70	47.62 -0.24 0.87	43.44 0.09 0.50	40.54 -0.25 0.59	37.10 -0.19 0.39
GREENIDGE___3 23582	41.31 -0.47 0.71	36.31 -0.18 0.24	33.49 -0.07 0.01	32.29 0.06 0.00	31.30 0.03 0.00	32.74 -0.03 0.00	41.06 -0.34 0.62	45.36 -0.19 0.95	37.88 -0.31 0.00	34.82 -0.42 0.00	31.86 -0.55 0.00	33.19 -0.40 0.00	33.92 -0.27 0.00	35.02 -0.35 0.00	35.41 -0.39 0.00	37.09 -0.64 0.06	42.76 -0.48 0.52	47.34 -0.48 0.33	55.41 -0.63 0.83	54.17 -0.33 0.70	47.62 -0.24 0.87	43.44 0.09 0.50	40.54 -0.25 0.59	37.10 -0.19 0.39
GREENIDGE___4 23583	41.31 -0.47 0.71	36.27 -0.22 0.24	33.49 -0.07 0.01	32.29 0.06 0.00	31.30 0.03 0.00	32.74 -0.03 0.00	41.06 -0.34 0.62	45.54 0.00 0.95	37.84 -0.34 0.00	34.83 -0.42 0.00	31.83 -0.58 0.00	33.15 -0.44 0.00	33.91 -0.27 0.00	35.06 -0.32 0.00	35.41 -0.39 0.00	37.09 -0.64 0.06	42.80 -0.44 0.52	47.63 -0.19 0.33	55.64 -0.40 0.83	54.17 -0.33 0.70	47.62 -0.24 0.87	43.44 0.09 0.50	40.55 -0.25 0.59	37.03 -0.26 0.39
GREENLWN_69_KV_BK 3 55738	45.81 3.31 0.00	40.24 3.16 -0.34	36.32 2.75 0.00	34.52 2.29 0.00	33.42 2.16 0.00	35.13 2.36 0.00	44.66 2.65 0.00	49.38 2.88 0.00	41.05 2.86 0.00	38.24 3.00 0.00	37.68 2.79 -2.48	39.51 2.92 -2.99	43.97 2.97 -6.80	43.83 3.22 -5.24	48.53 3.26 -9.47	49.15 3.67 -7.68	50.57 3.89 -2.92	51.74 3.37 -0.21	58.97 2.10 0.00	56.25 1.05 0.00	50.48 1.75 0.00	46.40 2.54 0.00	43.82 2.44 0.00	39.79 2.11 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	45.55 3.06 0.00	39.56 2.83 0.00	35.78 2.22 0.00	34.10 1.87 0.00	32.98 1.72 0.00	34.44 1.67 0.00	44.07 2.06 0.00	48.87 2.37 0.00	40.33 2.14 0.00	37.54 2.29 0.00	34.72 2.30 -0.01	36.02 2.42 -0.01	36.73 2.53 -0.02	38.28 2.90 0.00	38.78 2.97 -0.01	41.24 3.44 0.00	47.56 3.81 0.00	50.95 2.79 0.00	58.96 2.10 0.01	56.69 1.49 0.01	50.14 1.41 0.00	45.48 1.62 0.00	43.07 1.70 0.00	39.27 1.58 0.00
GRISSOM___SOLAR 323813	44.28 1.78 0.00	38.39 1.65 0.00	35.18 1.61 0.00	33.74 1.52 0.00	32.70 1.44 0.00	34.38 1.61 0.00	43.98 1.97 0.00	47.89 1.39 0.00	38.15 -0.04 0.00	34.47 -0.78 0.00	31.47 -0.94 0.00	32.59 -1.01 0.00	33.03 -1.16 0.00	34.14 -1.24 0.00	34.59 -1.22 0.00	36.74 -1.06 0.00	42.88 -0.87 0.00	48.40 0.24 0.00	58.91 2.04 0.00	57.69 2.49 0.00	50.82 2.09 0.00	45.61 1.76 0.00	42.99 1.61 0.00	39.08 1.40 0.00
GROVEVILLE___HYD 323602	44.96 2.46 0.00	39.16 2.42 0.00	35.58 2.01 0.00	34.00 1.77 0.00	32.89 1.63 0.00	34.54 1.77 0.00	44.07 2.06 0.00	48.82 2.32 0.00	40.10 1.91 0.00	37.12 1.87 0.00	34.19 1.78 0.00	35.54 1.95 0.00	36.21 2.02 0.00	37.57 2.19 0.00	38.13 2.33 0.00	40.48 2.68 0.00	46.78 3.02 0.00	50.90 2.74 0.00	59.71 2.84 0.00	57.58 2.37 0.00	50.73 2.00 0.00	45.70 1.84 0.00	43.16 1.78 0.00	39.27 1.58 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	42.33 -0.42 -0.26	36.53 -0.29 -0.09	33.37 -0.20 0.00	32.07 -0.16 0.00	31.11 -0.16 0.00	32.57 -0.20 0.00	41.82 -0.42 -0.23	46.48 -0.37 -0.35	37.73 -0.46 0.00	34.79 -0.46 0.00	31.92 -0.49 0.00	33.12 -0.47 0.00	33.78 -0.41 0.00	34.95 -0.42 0.00	35.30 -0.50 0.00	37.25 -0.57 -0.02	43.42 -0.53 -0.19	47.92 -0.34 -0.10	56.99 -0.11 -0.24	55.30 -0.11 -0.20	48.78 -0.19 -0.25	43.74 -0.26 -0.15	41.18 -0.37 -0.17	37.42 -0.38 -0.11

HAMLTNNY_34_KV_TB 80303	42.03 -0.47 0.00	36.44 -0.29 0.00	33.36 -0.20 0.00	32.10 -0.13 0.00	31.11 -0.16 0.00	32.57 -0.20 0.00	41.59 -0.42 0.00	46.08 -0.42 0.00	37.73 -0.46 0.00	34.79 -0.46 0.00	31.92 -0.49 0.00	33.16 -0.44 0.00	33.81 -0.38 0.00	34.95 -0.42 0.00	35.30 -0.50 0.00	37.19 -0.60 0.00	43.23 -0.53 0.00	47.82 -0.34 0.00	56.75 -0.11 0.00	55.09 -0.11 0.00	48.53 -0.19 0.00	43.59 -0.26 0.00	40.96 -0.41 0.00	37.31 -0.38 0.00
HAMPSHIRE___PAPER_HYD 323593	42.92 0.42 0.00	37.10 0.37 0.00	34.03 0.47 0.00	32.84 0.61 0.00	31.76 0.50 0.00	33.39 0.62 0.00	43.18 1.17 0.00	47.52 1.02 0.00	38.65 0.46 0.00	35.46 0.21 0.00	32.57 0.16 0.00	33.69 0.10 0.00	34.29 0.10 0.00	35.55 0.18 0.00	35.63 -0.18 0.00	37.23 -0.57 0.00	43.06 -0.70 0.00	47.63 -0.53 0.00	56.92 0.06 0.00	55.70 0.50 0.00	49.22 0.49 0.00	44.43 0.57 0.00	42.25 0.87 0.00	38.48 0.79 0.00
HARDSCRABBLE_WT_PWR 323673	43.01 0.51 0.00	37.29 0.55 0.00	34.10 0.54 0.00	32.78 0.55 0.00	31.83 0.56 0.00	33.39 0.62 0.00	42.72 0.71 0.00	47.24 0.74 0.00	38.72 0.53 0.00	35.74 0.49 0.00	32.83 0.42 0.00	34.03 0.44 0.00	34.57 0.38 0.00	35.77 0.39 0.00	36.20 0.39 0.00	38.21 0.42 0.00	44.15 0.39 0.00	48.69 0.53 0.00	57.60 0.74 0.00	55.98 0.77 0.00	49.41 0.68 0.00	44.60 0.74 0.00	42.12 0.75 0.00	38.40 0.71 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	44.66 2.17 0.00	38.86 2.13 0.00	35.34 1.78 0.00	33.74 1.51 0.00	32.67 1.41 0.00	34.28 1.51 0.00	43.82 1.81 0.00	48.59 2.09 0.00	39.95 1.76 0.00	37.08 1.83 0.00	34.13 1.72 0.00	35.51 1.91 0.00	36.17 1.98 0.00	37.57 2.19 0.00	38.10 2.29 0.00	40.41 2.61 0.00	46.69 2.93 0.00	50.76 2.60 0.00	59.48 2.62 0.00	57.36 2.15 0.00	50.43 1.71 0.00	45.44 1.58 0.00	42.91 1.53 0.00	39.00 1.32 0.00
HARSNRAD_115KV_TB1 81005	38.18 -3.02 1.30	34.12 -2.17 0.44	31.77 -1.78 0.02	30.78 -1.45 0.00	29.73 -1.53 0.00	31.03 -1.74 0.00	37.78 -3.11 1.12	41.55 -3.21 1.74	36.20 -1.99 0.00	33.34 -1.90 0.00	30.63 -1.78 0.00	32.25 -1.34 0.00	32.89 -1.30 0.00	33.89 -1.49 0.00	34.34 -1.47 0.00	35.38 -2.31 0.11	40.01 -2.80 0.94	45.01 -2.55 0.59	52.48 -2.90 1.48	51.41 -2.54 1.26	44.60 -2.58 1.55	40.46 -2.50 0.90	37.60 -2.73 1.05	34.91 -2.07 0.70
HARZA MOOSE___RIVER 24016	42.92 0.42 0.00	37.32 0.59 0.00	34.30 0.74 0.00	33.13 0.90 0.00	32.05 0.78 0.00	33.69 0.92 0.00	43.31 1.30 0.00	47.70 1.21 0.00	38.76 0.57 0.00	35.64 0.39 0.00	32.67 0.26 0.00	33.89 0.30 0.00	34.46 0.27 0.00	35.73 0.35 0.00	36.09 0.29 0.00	37.84 0.04 0.00	43.85 0.09 0.00	48.73 0.58 0.00	58.11 1.25 0.00	56.81 1.60 0.00	50.00 1.27 0.00	44.95 1.10 0.00	42.41 1.03 0.00	38.59 0.90 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	41.12 -0.85 0.52	35.93 -0.62 0.18	33.05 -0.50 0.01	31.78 -0.45 0.00	30.83 -0.44 0.00	32.25 -0.52 0.00	40.72 -0.84 0.45	44.96 -0.84 0.70	37.43 -0.76 0.00	34.54 -0.70 0.00	31.70 -0.71 0.00	32.92 -0.67 0.00	33.57 -0.62 0.00	34.70 -0.67 0.00	35.09 -0.72 0.00	36.92 -0.83 0.05	42.55 -0.83 0.38	47.22 -0.67 0.26	55.59 -0.63 0.64	54.05 -0.61 0.55	47.42 -0.63 0.67	42.81 -0.66 0.39	40.18 -0.74 0.46	36.70 -0.68 0.30
HELLGATE_13_KV_LD 55870	45.56 3.06 0.00	39.60 2.87 0.00	35.85 2.28 0.00	34.16 1.93 0.00	33.05 1.78 0.00	34.61 1.84 0.00	44.28 2.27 0.00	49.15 2.65 0.00	40.63 2.44 0.00	37.82 2.57 0.00	34.98 2.56 -0.01	36.29 2.69 -0.01	37.01 2.80 -0.02	38.56 3.18 0.00	39.04 3.22 -0.01	41.50 3.70 0.00	47.83 4.07 0.00	51.23 3.08 0.00	54.17 2.50 5.19	53.04 1.88 4.05	50.48 1.75 0.00	45.70 1.84 0.00	43.24 1.86 0.00	39.38 1.70 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	45.56 3.06 0.00	39.60 2.87 0.00	35.85 2.28 0.00	34.16 1.93 0.00	33.05 1.78 0.00	34.61 1.84 0.00	44.28 2.27 0.00	49.15 2.65 0.00	40.63 2.44 0.00	37.82 2.57 0.00	34.98 2.56 -0.01	36.29 2.69 -0.01	37.01 2.80 -0.02	38.56 3.18 0.00	39.04 3.22 -0.01	41.50 3.70 0.00	47.83 4.07 0.00	51.23 3.08 0.00	54.17 2.50 5.19	53.04 1.88 4.05	50.48 1.75 0.00	45.70 1.84 0.00	43.24 1.86 0.00	39.38 1.70 0.00
HEMPSTEAD____ 23647	45.60 3.10 -0.01	39.98 2.90 -0.34	36.06 2.48 -0.01	34.32 2.09 0.00	33.27 2.00 0.00	34.90 2.13 0.00	44.45 2.44 0.00	48.87 2.37 0.00	40.82 2.63 0.00	38.00 2.75 0.00	37.51 2.62 -2.48	39.34 2.76 -2.99	43.86 2.87 -6.80	43.69 3.08 -5.24	48.50 3.22 -9.47	49.03 3.55 -7.68	50.49 3.81 -2.92	51.66 3.37 -0.14	59.76 2.90 0.00	57.47 2.26 0.00	51.07 2.34 0.00	46.06 2.19 -0.01	43.69 2.32 0.00	39.83 2.15 0.00
HICKLING___1 23621	41.24 -0.64 0.61	36.23 -0.29 0.21	33.42 -0.13 0.01	32.20 -0.03 0.00	31.20 -0.06 0.00	32.61 -0.16 0.00	40.85 -0.63 0.53	45.17 -0.51 0.82	37.73 -0.46 0.00	34.86 -0.39 0.00	31.89 -0.52 0.00	33.29 -0.30 0.00	33.98 -0.21 0.00	35.16 -0.21 0.00	35.55 -0.25 0.00	37.25 -0.49 0.05	42.92 -0.39 0.45	47.92 0.05 0.29	56.66 0.51 0.72	55.09 0.50 0.61	47.98 0.00 0.75	43.20 -0.22 0.44	40.33 -0.54 0.51	36.93 -0.41 0.34
HICKLING___2 23622	41.24 -0.64 0.61	36.23 -0.29 0.21	33.42 -0.13 0.01	32.20 -0.03 0.00	31.20 -0.06 0.00	32.61 -0.16 0.00	40.85 -0.63 0.53	45.17 -0.51 0.82	37.73 -0.46 0.00	34.86 -0.39 0.00	31.89 -0.52 0.00	33.29 -0.30 0.00	33.98 -0.21 0.00	35.16 -0.21 0.00	35.55 -0.25 0.00	37.25 -0.49 0.05	42.92 -0.39 0.45	47.92 0.05 0.29	56.66 0.51 0.72	55.09 0.50 0.61	47.98 0.00 0.75	43.20 -0.22 0.44	40.33 -0.54 0.51	36.93 -0.41 0.34
HIGH FALLS___HY 23754	45.00 2.51 0.00	39.16 2.42 0.00	35.58 2.01 0.00	34.00 1.77 0.00	32.92 1.66 0.00	34.54 1.77 0.00	44.15 2.14 0.00	49.01 2.51 0.00	40.14 1.95 0.00	37.15 1.90 0.00	34.19 1.78 0.00	35.57 1.98 0.00	36.24 2.05 0.00	37.64 2.26 0.00	38.20 2.40 0.00	40.52 2.72 0.00	46.91 3.15 0.00	51.09 2.94 0.00	60.05 3.18 0.00	57.91 2.71 0.00	50.92 2.19 0.00	45.83 1.97 0.00	43.24 1.86 0.00	39.30 1.62 0.00
HIGH_RIVER___SOLAR 323847	43.73 1.23 0.00	37.94 1.21 0.00	34.77 1.21 0.00	33.36 1.13 0.00	32.33 1.06 0.00	33.95 1.18 0.00	43.31 1.30 0.00	47.52 1.02 0.00	38.34 0.15 0.00	34.93 -0.32 0.00	31.95 -0.45 0.00	33.05 -0.54 0.00	33.54 -0.65 0.00	34.67 -0.71 0.00	35.16 -0.64 0.00	37.35 -0.45 0.00	43.58 -0.17 0.00	48.69 0.53 0.00	58.29 1.42 0.00	56.81 1.60 0.00	50.09 1.36 0.00	45.00 1.14 0.00	42.45 1.07 0.00	38.63 0.94 0.00
HILLBURN___GT 23639	44.62 2.12 0.00	38.83 2.09 0.00	35.28 1.71 0.00	33.71 1.48 0.00	32.64 1.37 0.00	34.25 1.48 0.00	43.77 1.76 0.00	48.36 1.86 0.00	40.06 1.87 0.00	37.22 1.97 0.00	34.32 1.91 0.00	35.68 2.08 0.00	36.38 2.19 0.00	37.71 2.33 0.00	38.27 2.47 0.00	40.56 2.76 0.00	46.73 2.98 0.00	50.76 2.60 0.00	59.25 2.39 0.00	57.19 1.98 0.00	50.29 1.56 0.00	45.26 1.40 0.00	42.83 1.45 0.00	39.04 1.35 0.00

HILLSIDE_115KV_TB1 80332	40.85 -1.06 0.58	35.88 -0.66 0.20	33.05 -0.50 0.01	31.84 -0.39 0.00	30.86 -0.41 0.00	32.25 -0.52 0.00	40.46 -1.05 0.50	44.74 -0.98 0.78	37.39 -0.80 0.00	34.61 -0.63 0.00	31.70 -0.71 0.00	33.09 -0.50 0.00	33.74 -0.44 0.00	34.92 -0.46 0.00	35.34 -0.47 0.00	37.14 -0.60 0.05	42.72 -0.61 0.42	47.59 -0.29 0.27	56.07 -0.11 0.68	54.46 -0.17 0.58	47.38 -0.63 0.71	42.65 -0.79 0.41	39.82 -1.08 0.48	36.46 -0.90 0.32
HISHELDN_WT_PWR 323625	39.12 -2.25 1.12	34.84 -1.51 0.38	32.31 -1.24 0.01	31.29 -0.94 0.00	30.26 -1.00 0.00	31.59 -1.18 0.00	38.81 -2.23 0.97	43.14 -1.86 1.50	36.62 -1.57 0.00	33.77 -1.48 0.00	30.89 -1.52 0.00	32.45 -1.14 0.00	33.16 -1.02 0.00	34.24 -1.13 0.00	34.66 -1.15 0.00	35.92 -1.78 0.10	40.89 -2.06 0.81	46.00 -1.64 0.51	53.82 -1.76 1.28	52.74 -1.38 1.09	45.73 -1.66 1.34	41.37 -1.71 0.78	38.48 -1.99 0.91	35.46 -1.62 0.61
HOLTSVILLE_IC_1 23690	46.24 3.74 -0.01	40.79 3.71 -0.34	36.70 3.12 -0.01	34.94 2.71 0.00	33.92 2.66 0.00	35.49 2.72 0.00	45.16 3.15 0.00	49.56 3.07 0.00	41.51 3.32 0.00	38.63 3.38 0.00	38.10 3.21 -2.48	39.94 3.36 -2.99	44.48 3.49 -6.80	44.08 3.47 -5.24	48.86 3.58 -9.47	49.60 4.12 -7.68	51.11 4.42 -2.93	53.69 3.95 -1.58	60.27 3.41 0.00	57.96 2.76 0.00	51.85 3.12 0.00	46.71 2.85 -0.01	44.44 3.06 0.00	40.55 2.86 0.00
HOLTSVILLE_IC_10 23699	46.54 4.04 -0.01	41.05 3.97 -0.34	36.93 3.36 -0.01	35.13 2.90 0.00	34.08 2.81 0.00	35.69 2.92 0.00	45.41 3.40 0.00	49.85 3.35 0.00	41.74 3.55 0.00	38.84 3.60 0.00	38.29 3.40 -2.48	40.14 3.56 -2.99	44.72 3.73 -6.80	44.32 3.71 -5.24	49.14 3.87 -9.47	49.90 4.42 -7.68	51.46 4.77 -2.93	47.28 4.34 5.22	60.73 3.87 0.00	58.41 3.20 0.00	52.24 3.51 0.00	47.03 3.16 -0.01	44.69 3.31 0.00	40.77 3.09 0.00
HOLTSVILLE_IC_2 23691	46.24 3.74 -0.01	40.79 3.71 -0.34	36.70 3.12 -0.01	34.94 2.71 0.00	33.92 2.66 0.00	35.49 2.72 0.00	45.16 3.15 0.00	49.56 3.07 0.00	41.51 3.32 0.00	38.63 3.38 0.00	38.10 3.21 -2.48	39.94 3.36 -2.99	44.48 3.49 -6.80	44.08 3.47 -5.24	48.86 3.58 -9.47	49.60 4.12 -7.68	51.11 4.42 -2.93	53.69 3.95 -1.58	60.27 3.41 0.00	57.96 2.76 0.00	51.85 3.12 0.00	46.71 2.85 -0.01	44.44 3.06 0.00	40.55 2.86 0.00
HOLTSVILLE_IC_3 23692	46.24 3.74 -0.01	40.79 3.71 -0.34	36.70 3.12 -0.01	34.94 2.71 0.00	33.92 2.66 0.00	35.49 2.72 0.00	45.16 3.15 0.00	49.56 3.07 0.00	41.51 3.32 0.00	38.63 3.38 0.00	38.10 3.21 -2.48	39.94 3.36 -2.99	44.48 3.49 -6.80	44.08 3.47 -5.24	48.86 3.58 -9.47	49.60 4.12 -7.68	51.11 4.42 -2.93	53.69 3.95 -1.58	60.27 3.41 0.00	57.96 2.76 0.00	51.85 3.12 0.00	46.71 2.85 -0.01	44.44 3.06 0.00	40.55 2.86 0.00
HOLTSVILLE_IC_4 23693	46.24 3.74 -0.01	40.79 3.71 -0.34	36.70 3.12 -0.01	34.94 2.71 0.00	33.92 2.66 0.00	35.49 2.72 0.00	45.16 3.15 0.00	49.56 3.07 0.00	41.51 3.32 0.00	38.63 3.38 0.00	38.10 3.21 -2.48	39.94 3.36 -2.99	44.48 3.49 -6.80	44.08 3.47 -5.24	48.86 3.58 -9.47	49.60 4.12 -7.68	51.11 4.42 -2.93	53.69 3.95 -1.58	60.27 3.41 0.00	57.96 2.76 0.00	51.85 3.12 0.00	46.71 2.85 -0.01	44.44 3.06 0.00	40.55 2.86 0.00
HOLTSVILLE_IC_5 23694	46.24 3.74 -0.01	40.79 3.71 -0.34	36.70 3.12 -0.01	34.94 2.71 0.00	33.92 2.66 0.00	35.49 2.72 0.00	45.16 3.15 0.00	49.56 3.07 0.00	41.51 3.32 0.00	38.63 3.38 0.00	38.10 3.21 -2.48	39.94 3.36 -2.99	44.48 3.49 -6.80	44.08 3.47 -5.24	48.86 3.58 -9.47	49.60 4.12 -7.68	51.11 4.42 -2.93	53.69 3.95 -1.58	60.27 3.41 0.00	57.96 2.76 0.00	51.85 3.12 0.00	46.71 2.85 -0.01	44.44 3.06 0.00	40.55 2.86 0.00
HOLTSVILLE_IC_6 23695	46.54 4.04 -0.01	41.05 3.97 -0.34	36.93 3.36 -0.01	35.13 2.90 0.00	34.08 2.81 0.00	35.69 2.92 0.00	45.41 3.40 0.00	49.85 3.35 0.00	41.74 3.55 0.00	38.84 3.60 0.00	38.29 3.40 -2.48	40.14 3.56 -2.99	44.72 3.73 -6.80	44.32 3.71 -5.24	49.14 3.87 -9.47	49.90 4.42 -7.68	51.46 4.77 -2.93	47.28 4.34 5.22	60.73 3.87 0.00	58.41 3.20 0.00	52.24 3.51 0.00	47.03 3.16 -0.01	44.69 3.31 0.00	40.77 3.09 0.00
HOLTSVILLE_IC_7 23696	46.54 4.04 -0.01	41.05 3.97 -0.34	36.93 3.36 -0.01	35.13 2.90 0.00	34.08 2.81 0.00	35.69 2.92 0.00	45.41 3.40 0.00	49.85 3.35 0.00	41.74 3.55 0.00	38.84 3.60 0.00	38.29 3.40 -2.48	40.14 3.56 -2.99	44.72 3.73 -6.80	44.32 3.71 -5.24	49.14 3.87 -9.47	49.90 4.42 -7.68	51.46 4.77 -2.93	47.28 4.34 5.22	60.73 3.87 0.00	58.41 3.20 0.00	52.24 3.51 0.00	47.03 3.16 -0.01	44.69 3.31 0.00	40.77 3.09 0.00
HOLTSVILLE_IC_8 23697	46.54 4.04 -0.01	41.05 3.97 -0.34	36.93 3.36 -0.01	35.13 2.90 0.00	34.08 2.81 0.00	35.69 2.92 0.00	45.41 3.40 0.00	49.85 3.35 0.00	41.74 3.55 0.00	38.84 3.60 0.00	38.29 3.40 -2.48	40.14 3.56 -2.99	44.72 3.73 -6.80	44.32 3.71 -5.24	49.14 3.87 -9.47	49.90 4.42 -7.68	51.46 4.77 -2.93	47.28 4.34 5.22	60.73 3.87 0.00	58.41 3.20 0.00	52.24 3.51 0.00	47.03 3.16 -0.01	44.69 3.31 0.00	40.77 3.09 0.00
HOLTSVILLE_IC_9 23698	46.54 4.04 -0.01	41.05 3.97 -0.34	36.93 3.36 -0.01	35.13 2.90 0.00	34.08 2.81 0.00	35.69 2.92 0.00	45.41 3.40 0.00	49.85 3.35 0.00	41.74 3.55 0.00	38.84 3.60 0.00	38.29 3.40 -2.48	40.14 3.56 -2.99	44.72 3.73 -6.80	44.32 3.71 -5.24	49.14 3.87 -9.47	49.90 4.42 -7.68	51.46 4.77 -2.93	47.28 4.34 5.22	60.73 3.87 0.00	58.41 3.20 0.00	52.24 3.51 0.00	47.03 3.16 -0.01	44.69 3.31 0.00	40.77 3.09 0.00
HOMER_HL_115KV_TB2 355744	39.48 -2.00 1.01	34.99 -1.40 0.35	32.44 -1.11 0.01	31.36 -0.87 0.00	30.33 -0.94 0.00	31.72 -1.05 0.00	39.20 -1.93 0.88	43.42 -1.72 1.35	37.12 -1.07 0.00	34.61 -0.63 0.00	31.70 -0.71 0.00	33.46 -0.13 0.00	34.15 -0.03 0.00	35.34 -0.04 0.00	35.80 0.00 0.00	37.07 -0.64 0.09	42.28 -0.74 0.74	47.30 -0.39 0.47	55.47 -0.23 1.17	54.10 -0.11 0.99	46.39 -1.12 1.22	41.57 -1.58 0.71	38.61 -1.94 0.83	35.47 -1.66 0.55
HOWARD_WT_PWR 323690	40.87 -0.81 0.82	36.05 -0.40 0.28	33.35 -0.20 0.01	32.23 0.00 0.00	31.20 -0.06 0.00	32.64 -0.13 0.00	40.63 -0.67 0.71	45.17 -0.23 1.09	37.58 -0.61 0.00	34.58 -0.67 0.00	31.53 -0.87 0.00	32.99 -0.60 0.00	33.74 -0.45 0.00	34.88 -0.50 0.00	35.27 -0.54 0.00	36.78 -0.94 0.07	42.33 -0.83 0.59	47.63 -0.14 0.38	56.32 0.40 0.95	55.12 0.72 0.80	47.93 0.20 0.99	43.24 -0.04 0.58	40.25 -0.45 0.67	36.78 -0.45 0.45
HQ_GEN_CEDARS 23644	42.96 0.47 0.00	36.88 0.15 0.00	33.63 0.07 0.00	32.36 0.13 0.00	31.39 0.13 0.00	32.87 0.10 0.00	42.60 0.59 0.00	46.96 0.46 0.00	38.57 0.38 0.00	35.49 0.25 0.00	32.64 0.23 0.00	33.76 0.17 0.00	34.39 0.21 0.00	35.55 0.18 0.00	35.66 -0.14 0.00	37.42 -0.38 0.00	43.28 -0.48 0.00	47.58 -0.58 0.00	56.35 -0.51 0.00	55.04 -0.17 0.00	48.78 0.05 0.00	44.08 0.22 0.00	41.92 0.54 0.00	38.17 0.49 0.00

HQ_GEN_CEDARS_PROXY 323590	42.96 0.47 0.00	36.88 0.15 0.00	33.67 0.10 0.00	32.36 0.13 0.00	31.39 0.13 0.00	32.87 0.10 0.00	42.60 0.59 0.00	46.14 0.46 0.82	39.39 0.38 -0.82	35.50 0.25 0.00	32.64 0.23 0.00	33.76 0.17 0.00	34.40 0.21 0.00	35.55 0.18 0.00	35.24 -0.14 0.42	37.86 -0.38 -0.44	43.30 -0.44 0.02	47.58 -0.58 0.00	56.47 -0.40 0.00	55.04 -0.17 0.00	48.78 0.05 0.00	44.08 0.22 0.00	41.91 0.54 0.00	38.17 0.49 0.00
HQ_GEN_CHPE_PROXY 323851	45.17 2.68 0.00	39.30 2.57 0.00	35.61 2.05 0.00	34.00 1.77 0.00	32.92 1.66 0.00	34.51 1.74 0.00	44.19 2.18 0.00	48.00 2.32 0.82	41.42 2.41 -0.82	37.75 2.50 0.00	34.85 2.43 -0.01	36.19 2.59 -0.01	36.90 2.70 -0.02	38.31 2.93 0.00	38.43 3.04 0.41	41.68 3.44 -0.44	48.00 3.59 -0.65	50.32 2.84 0.68	59.20 2.33 0.00	57.01 1.82 0.02	48.00 1.66 2.39	48.00 1.76 -2.39	43.16 1.78 0.00	39.34 1.66 0.00
HQ_GEN_IMPORT 323601	42.66 0.17 0.00	36.66 -0.07 0.00	33.43 -0.13 0.00	32.10 -0.13 0.00	31.14 -0.12 0.00	13.56 -0.10 19.11	61.33 0.21 -19.11	45.91 0.23 0.82	39.24 0.23 -0.82	35.43 0.18 0.00	32.57 0.16 0.00	33.73 0.13 0.00	34.36 0.17 0.00	35.52 0.14 0.00	35.45 0.07 0.42	38.27 0.04 -0.44	43.78 0.04 0.02	48.16 0.00 0.00	56.98 0.11 0.00	55.37 0.17 0.00	48.92 0.20 0.00	44.12 0.26 0.00	41.67 0.29 0.00	37.95 0.27 0.00
HQ_GEN_WHEEL 23651	42.66 0.17 0.00	36.66 -0.07 0.00	33.43 -0.13 0.00	32.10 -0.13 0.00	31.14 -0.12 0.00	13.56 -0.10 19.11	61.33 0.21 -19.11	45.91 0.23 0.82	39.24 0.23 -0.82	35.43 0.18 0.00	32.57 0.16 0.00	33.73 0.13 0.00	34.36 0.17 0.00	35.52 0.14 0.00	35.45 0.07 0.42	38.27 0.04 -0.44	43.78 0.04 0.02	48.16 0.00 0.00	56.98 0.11 0.00	55.37 0.17 0.00	48.92 0.20 0.00	44.12 0.26 0.00	41.67 0.29 0.00	37.95 0.27 0.00
HUDSON AVE_GT_3 23810	45.26 2.76 0.00	39.38 2.64 0.00	35.71 2.15 0.00	34.07 1.84 0.00	32.98 1.72 0.00	34.61 1.84 0.00	44.32 2.31 0.00	49.24 2.74 0.00	40.71 2.52 0.00	37.86 2.61 0.00	34.94 2.53 -0.01	36.29 2.69 -0.01	37.01 2.80 -0.02	38.49 3.11 0.00	39.00 3.19 -0.01	41.43 3.63 0.00	47.61 3.85 0.00	51.34 3.18 0.00	59.59 2.73 0.00	57.30 2.10 0.00	50.58 1.85 0.00	45.79 1.93 0.00	43.28 1.90 0.00	39.34 1.66 0.00
HUDSON AVE_GT_4 23540	45.26 2.76 0.00	39.38 2.64 0.00	35.71 2.15 0.00	34.07 1.84 0.00	32.98 1.72 0.00	34.61 1.84 0.00	44.32 2.31 0.00	49.24 2.74 0.00	40.71 2.52 0.00	37.86 2.61 0.00	34.94 2.53 -0.01	36.29 2.69 -0.01	37.01 2.80 -0.02	38.49 3.11 0.00	39.00 3.19 -0.01	41.43 3.63 0.00	47.61 3.85 0.00	51.34 3.18 0.00	59.59 2.73 0.00	57.30 2.10 0.00	50.58 1.85 0.00	45.79 1.93 0.00	43.28 1.90 0.00	39.34 1.66 0.00
HUDSON AVE_GT_5 23657	45.26 2.76 0.00	39.38 2.64 0.00	35.71 2.15 0.00	34.07 1.84 0.00	32.98 1.72 0.00	34.61 1.84 0.00	44.32 2.31 0.00	49.24 2.74 0.00	40.71 2.52 0.00	37.86 2.61 0.00	34.94 2.53 -0.01	36.29 2.69 -0.01	37.01 2.80 -0.02	38.49 3.11 0.00	39.00 3.19 -0.01	41.43 3.63 0.00	47.61 3.85 0.00	51.34 3.18 0.00	59.59 2.73 0.00	57.30 2.10 0.00	50.58 1.85 0.00	45.79 1.93 0.00	43.28 1.90 0.00	39.34 1.66 0.00
HUDSON_AVE_10 24168	45.17 2.68 0.00	39.31 2.57 0.00	35.61 2.05 0.00	33.97 1.74 0.00	32.86 1.59 0.00	34.51 1.74 0.00	44.24 2.23 0.00	49.15 2.65 0.00	40.67 2.48 0.00	37.82 2.57 0.00	34.88 2.46 -0.01	36.22 2.62 -0.01	36.91 2.70 -0.02	38.42 3.04 0.00	38.93 3.12 -0.01	41.35 3.55 0.00	47.52 3.76 0.00	51.19 3.03 0.00	59.42 2.56 0.00	57.14 1.93 0.00	50.43 1.71 0.00	45.66 1.80 0.00	43.24 1.86 0.00	39.27 1.58 0.00
HUDSON___115KV_TB 4 355613	44.02 1.53 0.00	38.35 1.62 0.00	35.11 1.54 0.00	33.65 1.42 0.00	32.61 1.34 0.00	34.21 1.44 0.00	43.52 1.51 0.00	47.98 1.49 0.00	39.03 0.84 0.00	35.81 0.56 0.00	32.83 0.42 0.00	33.96 0.37 0.00	34.53 0.34 0.00	35.69 0.32 0.00	36.23 0.43 0.00	38.48 0.68 0.00	44.63 0.88 0.00	49.26 1.11 0.00	58.63 1.76 0.00	56.97 1.77 0.00	50.24 1.51 0.00	45.13 1.27 0.00	42.66 1.28 0.00	38.85 1.17 0.00
HUNTER MOUNT___DRP 323613	44.24 1.74 0.00	38.53 1.80 0.00	35.28 1.71 0.00	33.81 1.58 0.00	32.76 1.50 0.00	34.34 1.57 0.00	43.73 1.72 0.00	48.17 1.67 0.00	39.03 0.84 0.00	35.74 0.49 0.00	32.73 0.32 0.00	33.89 0.30 0.00	34.46 0.27 0.00	35.62 0.25 0.00	36.20 0.39 0.00	38.40 0.60 0.00	44.68 0.92 0.00	49.36 1.20 0.00	58.97 2.10 0.00	57.30 2.10 0.00	50.48 1.75 0.00	45.31 1.45 0.00	42.83 1.45 0.00	39.00 1.32 0.00
HUNTINGTON_RES_REC 323705	46.16 3.65 -0.01	40.60 3.53 -0.34	36.56 2.99 -0.01	34.77 2.55 0.00	33.73 2.47 0.00	35.36 2.59 0.00	44.99 2.98 0.00	49.38 2.88 0.00	41.36 3.17 0.00	38.49 3.24 0.00	37.93 3.05 -2.48	39.78 3.19 -2.99	44.31 3.32 -6.80	44.04 3.43 -5.24	48.79 3.51 -9.47	49.45 3.97 -7.68	50.91 4.24 -2.91	50.92 3.71 0.94	59.99 3.13 0.00	57.69 2.49 0.00	51.65 2.92 0.00	46.63 2.76 -0.01	44.32 2.94 0.00	40.40 2.71 0.00
HUNTLEY___63 23557	38.50 -2.72 1.28	34.43 -1.87 0.43	32.04 -1.51 0.02	31.07 -1.16 0.00	30.01 -1.25 0.00	31.30 -1.47 0.00	38.13 -2.77 1.10	41.91 -2.88 1.71	36.47 -1.72 0.00	33.63 -1.62 0.00	30.89 -1.52 0.00	32.52 -1.07 0.00	33.16 -1.03 0.00	34.21 -1.17 0.00	34.62 -1.18 0.00	35.68 -2.00 0.11	40.34 -2.49 0.93	45.36 -2.22 0.58	52.90 -2.50 1.46	51.82 -2.15 1.24	44.96 -2.24 1.53	40.73 -2.24 0.89	37.86 -2.48 1.03	35.11 -1.88 0.69
HUNTLEY___64 23558	38.50 -2.72 1.28	34.43 -1.87 0.43	32.04 -1.51 0.02	31.07 -1.16 0.00	30.01 -1.25 0.00	31.30 -1.47 0.00	38.13 -2.77 1.10	41.91 -2.88 1.71	36.47 -1.72 0.00	33.63 -1.62 0.00	30.89 -1.52 0.00	32.52 -1.07 0.00	33.16 -1.03 0.00	34.21 -1.17 0.00	34.62 -1.18 0.00	35.68 -2.00 0.11	40.34 -2.49 0.93	45.36 -2.22 0.58	52.90 -2.50 1.46	51.82 -2.15 1.24	44.96 -2.24 1.53	40.73 -2.24 0.89	37.86 -2.48 1.03	35.11 -1.88 0.69
HUNTLEY___65 23559	38.50 -2.72 1.28	34.43 -1.87 0.43	32.04 -1.51 0.02	31.07 -1.16 0.00	30.01 -1.25 0.00	31.30 -1.47 0.00	38.13 -2.77 1.10	41.91 -2.88 1.71	36.47 -1.72 0.00	33.63 -1.62 0.00	30.89 -1.52 0.00	32.52 -1.07 0.00	33.16 -1.03 0.00	34.21 -1.17 0.00	34.62 -1.18 0.00	35.68 -2.00 0.11	40.34 -2.49 0.93	45.36 -2.22 0.58	52.90 -2.50 1.46	51.82 -2.15 1.24	44.96 -2.24 1.53	40.73 -2.24 0.89	37.86 -2.48 1.03	35.11 -1.88 0.69
HUNTLEY___66 23560	38.50 -2.72 1.28	34.43 -1.87 0.43	32.04 -1.51 0.02	31.07 -1.16 0.00	30.01 -1.25 0.00	31.30 -1.47 0.00	38.13 -2.77 1.10	41.91 -2.88 1.71	36.47 -1.72 0.00	33.63 -1.62 0.00	30.89 -1.52 0.00	32.52 -1.07 0.00	33.16 -1.03 0.00	34.21 -1.17 0.00	34.62 -1.18 0.00	35.68 -2.00 0.11	40.34 -2.49 0.93	45.36 -2.22 0.58	52.90 -2.50 1.46	51.82 -2.15 1.24	44.96 -2.24 1.53	40.73 -2.24 0.89	37.86 -2.48 1.03	35.11 -1.88 0.69

HUNTLEY___67 23561	38.43 -2.80 1.26	34.32 -1.98 0.43	31.90 -1.64 0.02	30.91 -1.32 0.00	29.86 -1.41 0.00	31.20 -1.57 0.00	38.06 -2.86 1.09	41.88 -2.93 1.69	36.36 -1.83 0.00	33.56 -1.69 0.00	30.82 -1.59 0.00	32.42 -1.18 0.00	33.06 -1.13 0.00	34.10 -1.27 0.00	34.55 -1.25 0.00	35.65 -2.04 0.11	40.30 -2.54 0.92	45.31 -2.26 0.58	52.92 -2.50 1.44	51.77 -2.21 1.22	44.88 -2.34 1.51	40.66 -2.32 0.88	37.79 -2.57 1.02	35.08 -1.92 0.68
HUNTLEY___68 23562	38.43 -2.80 1.26	34.32 -1.98 0.43	31.90 -1.64 0.02	30.91 -1.32 0.00	29.86 -1.41 0.00	31.20 -1.57 0.00	38.06 -2.86 1.09	41.88 -2.93 1.69	36.36 -1.83 0.00	33.56 -1.69 0.00	30.82 -1.59 0.00	32.42 -1.18 0.00	33.06 -1.13 0.00	34.10 -1.27 0.00	34.55 -1.25 0.00	35.65 -2.04 0.11	40.30 -2.54 0.92	45.31 -2.26 0.58	52.92 -2.50 1.44	51.77 -2.21 1.22	44.88 -2.34 1.51	40.66 -2.32 0.88	37.79 -2.57 1.02	35.08 -1.92 0.68
HYLAND___LFG 323620	41.79 0.38 1.08	37.03 0.66 0.37	34.32 0.77 0.01	33.26 1.03 0.00	32.11 0.84 0.00	33.72 0.95 0.00	41.74 0.67 0.94	46.35 1.30 1.45	38.49 0.30 0.00	34.96 -0.28 0.00	31.83 -0.58 0.00	33.22 -0.37 0.00	33.98 -0.20 0.00	35.13 -0.25 0.00	35.52 -0.29 0.00	37.10 -0.61 0.09	42.88 -0.09 0.79	48.81 1.15 0.50	58.13 2.50 1.24	57.03 2.87 1.05	49.53 2.09 1.29	44.81 1.71 0.75	41.62 1.12 0.88	38.00 0.90 0.59
INDECK___CORINTH 23802	43.47 0.98 0.00	37.76 1.03 0.00	34.67 1.11 0.00	33.26 1.03 0.00	32.20 0.94 0.00	33.85 1.08 0.00	43.14 1.13 0.00	47.33 0.84 0.00	38.42 0.23 0.00	35.21 -0.04 0.00	32.22 -0.19 0.00	33.26 -0.34 0.00	33.61 -0.58 0.00	34.70 -0.67 0.00	35.16 -0.64 0.00	37.35 -0.45 0.00	43.28 -0.48 0.00	48.01 -0.14 0.00	57.60 0.74 0.00	56.25 1.05 0.00	49.56 0.83 0.00	44.52 0.66 0.00	42.21 0.83 0.00	38.36 0.68 0.00
INDECK___ILION 23567	42.83 0.34 0.00	37.14 0.40 0.00	33.97 0.40 0.00	32.65 0.42 0.00	31.64 0.38 0.00	33.20 0.43 0.00	42.47 0.46 0.00	46.96 0.46 0.00	38.53 0.34 0.00	35.53 0.28 0.00	32.67 0.26 0.00	33.86 0.27 0.00	34.43 0.24 0.00	35.62 0.25 0.00	36.09 0.29 0.00	38.06 0.26 0.00	44.06 0.31 0.00	48.54 0.39 0.00	57.37 0.51 0.00	55.76 0.55 0.00	49.22 0.49 0.00	44.34 0.48 0.00	41.83 0.46 0.00	38.10 0.41 0.00
INDECK___OLEAN 23982	39.48 -2.00 1.01	34.99 -1.40 0.35	32.41 -1.14 0.01	31.36 -0.87 0.00	30.33 -0.94 0.00	31.69 -1.08 0.00	39.20 -1.93 0.88	43.65 -1.49 1.35	37.08 -1.11 0.00	34.61 -0.63 0.00	31.63 -0.78 0.00	33.36 -0.23 0.00	34.15 -0.03 0.00	35.31 -0.07 0.00	35.84 0.04 0.00	37.10 -0.61 0.09	42.37 -0.66 0.74	47.45 -0.24 0.47	55.53 -0.17 1.17	54.16 -0.06 0.99	46.48 -1.03 1.22	41.61 -1.54 0.71	38.65 -1.90 0.83	35.36 -1.77 0.55
INDECK___OSWEGO 23783	43.04 -1.19 -1.73	36.37 -0.96 -0.59	32.78 -0.81 -0.02	31.52 -0.71 0.00	30.58 -0.69 0.00	31.98 -0.79 0.00	42.37 -1.13 -1.49	47.65 -1.16 -2.31	37.08 -1.11 0.00	34.19 -1.06 0.00	31.40 -1.00 0.00	32.59 -1.01 0.00	33.20 -0.99 0.00	34.35 -1.03 0.00	34.73 -1.07 0.00	36.78 -1.17 -0.15	43.75 -1.27 -1.26	47.81 -1.16 -0.81	57.70 -1.20 -2.03	55.76 -1.16 -1.72	49.78 -1.07 -2.12	44.08 -1.01 -1.23	41.74 -1.08 -1.44	37.63 -1.02 -0.96
INDECK___YERKES 23781	38.54 -2.68 1.28	34.46 -1.84 0.43	32.04 -1.51 0.02	31.07 -1.16 0.00	30.01 -1.25 0.00	31.33 -1.44 0.00	38.18 -2.73 1.10	42.56 -2.23 1.71	36.47 -1.72 0.00	33.66 -1.59 0.00	30.85 -1.56 0.00	32.48 -1.11 0.00	33.20 -0.99 0.00	34.24 -1.13 0.00	34.66 -1.15 0.00	35.76 -1.93 0.11	40.51 -2.32 0.93	45.60 -1.98 0.58	52.96 -2.44 1.46	51.81 -2.15 1.24	44.91 -2.29 1.53	40.74 -2.24 0.89	37.86 -2.48 1.03	34.96 -2.04 0.69
INDIAN POINT_GT_1 24139	44.70 2.21 0.00	38.86 2.13 0.00	35.34 1.78 0.00	33.74 1.51 0.00	32.64 1.38 0.00	34.28 1.51 0.00	43.77 1.76 0.00	48.59 2.09 0.00	40.14 1.95 0.00	37.29 2.04 0.00	34.39 1.98 0.00	35.71 2.12 0.00	36.38 2.19 0.00	37.78 2.41 0.00	38.31 2.51 0.00	40.67 2.87 0.00	46.82 3.06 0.00	50.76 2.60 0.00	59.25 2.39 0.00	57.08 1.88 0.00	50.29 1.56 0.00	45.39 1.54 0.00	42.87 1.49 0.00	39.00 1.32 0.00
INDIAN POINT_GT_2 23659	44.70 2.21 0.00	38.86 2.13 0.00	35.34 1.78 0.00	33.74 1.51 0.00	32.64 1.38 0.00	34.28 1.51 0.00	43.77 1.76 0.00	48.59 2.09 0.00	40.14 1.95 0.00	37.29 2.04 0.00	34.39 1.98 0.00	35.71 2.12 0.00	36.38 2.19 0.00	37.78 2.41 0.00	38.31 2.51 0.00	40.67 2.87 0.00	46.82 3.06 0.00	50.76 2.60 0.00	59.25 2.39 0.00	57.08 1.88 0.00	50.29 1.56 0.00	45.39 1.54 0.00	42.87 1.49 0.00	39.00 1.32 0.00
INDIAN POINT_GT_3 24019	44.70 2.21 0.00	38.86 2.13 0.00	35.34 1.78 0.00	33.74 1.51 0.00	32.64 1.38 0.00	34.28 1.51 0.00	43.77 1.76 0.00	48.59 2.09 0.00	40.14 1.95 0.00	37.29 2.04 0.00	34.39 1.98 0.00	35.71 2.12 0.00	36.38 2.19 0.00	37.78 2.41 0.00	38.31 2.51 0.00	40.67 2.87 0.00	46.82 3.06 0.00	50.76 2.60 0.00	59.25 2.39 0.00	57.08 1.88 0.00	50.29 1.56 0.00	45.39 1.54 0.00	42.87 1.49 0.00	39.00 1.32 0.00
INDIAN POINT___2 23530	44.66 2.17 0.00	38.86 2.13 0.00	35.28 1.71 0.00	33.71 1.48 0.00	32.64 1.37 0.00	34.25 1.48 0.00	43.77 1.76 0.00	48.36 1.86 0.00	40.10 1.91 0.00	37.26 2.01 0.00	34.35 1.94 0.00	35.68 2.08 0.00	36.38 2.19 0.00	37.75 2.37 0.00	38.31 2.51 0.00	40.59 2.80 0.00	46.73 2.98 0.00	50.66 2.50 0.00	59.08 2.22 0.00	57.02 1.82 0.00	50.24 1.51 0.00	45.26 1.40 0.00	42.79 1.41 0.00	39.04 1.35 0.00
INDIAN POINT___3 23531	44.66 2.17 0.00	38.86 2.13 0.00	35.34 1.78 0.00	33.71 1.48 0.00	32.64 1.38 0.00	34.25 1.47 0.00	43.77 1.76 0.00	48.54 2.05 0.00	40.10 1.91 0.00	37.26 2.01 0.00	34.35 1.94 0.00	35.68 2.08 0.00	36.34 2.15 0.00	37.75 2.37 0.00	38.28 2.47 0.00	40.63 2.83 0.00	46.78 3.02 0.00	50.76 2.60 0.00	59.19 2.33 0.00	57.03 1.82 0.00	50.24 1.51 0.00	45.35 1.49 0.00	42.83 1.45 0.00	38.96 1.28 0.00
INDIANHD_69_KV_BK1 55831	46.36 3.87 0.00	40.79 3.71 -0.34	36.75 3.19 0.00	34.90 2.67 0.00	33.80 2.53 0.00	35.52 2.75 0.00	45.16 3.15 0.00	49.94 3.44 0.00	41.51 3.32 0.00	38.67 3.42 0.00	38.06 3.18 -2.48	39.94 3.36 -2.99	44.41 3.42 -6.80	44.18 3.57 -5.24	48.89 3.62 -9.47	49.68 4.20 -7.68	51.35 4.64 -2.95	50.77 3.95 1.33	59.88 3.01 0.00	57.03 1.82 0.00	51.21 2.49 0.00	46.84 2.98 0.00	44.27 2.90 0.00	40.17 2.49 0.00
INGHAM_C_115KV_TB7 356103	43.17 0.68 0.00	37.43 0.70 0.00	34.24 0.67 0.00	32.91 0.68 0.00	31.92 0.66 0.00	33.49 0.72 0.00	42.89 0.88 0.00	47.43 0.93 0.00	38.88 0.69 0.00	35.85 0.60 0.00	32.96 0.55 0.00	34.13 0.54 0.00	34.67 0.48 0.00	35.87 0.50 0.00	36.34 0.54 0.00	38.29 0.49 0.00	44.28 0.53 0.00	48.88 0.72 0.00	57.83 0.97 0.00	56.20 0.99 0.00	49.61 0.88 0.00	44.73 0.88 0.00	42.25 0.87 0.00	38.51 0.83 0.00

IP CORINTH___1 23988	43.73 1.23 0.00	37.98 1.25 0.00	34.87 1.31 0.00	33.42 1.19 0.00	32.36 1.09 0.00	34.02 1.25 0.00	43.35 1.34 0.00	47.57 1.07 0.00	38.61 0.42 0.00	35.42 0.18 0.00	32.34 -0.06 0.00	33.42 -0.17 0.00	33.78 -0.41 0.00	34.85 -0.53 0.00	35.34 -0.47 0.00	37.50 -0.30 0.00	43.50 -0.26 0.00	48.30 0.14 0.00	57.94 1.08 0.00	56.53 1.32 0.00	49.80 1.07 0.00	44.73 0.88 0.00	42.41 1.03 0.00	38.55 0.87 0.00
IP___TICONDEROGA 23804	45.89 3.40 0.00	39.78 3.05 0.00	36.59 3.02 0.00	35.03 2.80 0.00	33.86 2.59 0.00	35.69 2.92 0.00	45.66 3.65 0.00	49.94 3.44 0.00	40.14 1.95 0.00	36.52 1.27 0.00	33.15 0.75 0.00	34.26 0.67 0.00	34.63 0.44 0.00	35.62 0.25 0.00	36.09 0.29 0.00	38.36 0.57 0.00	44.63 0.88 0.00	49.89 1.73 0.00	60.84 3.98 0.00	59.73 4.53 0.00	52.43 3.70 0.00	46.93 3.07 0.00	44.32 2.94 0.00	40.28 2.60 0.00
ISLIP_RES_REC 323679	46.79 4.29 -0.01	41.23 4.15 -0.34	37.10 3.52 -0.01	35.26 3.03 0.00	34.24 2.97 0.00	35.85 3.08 0.00	45.62 3.61 0.00	50.12 3.63 0.00	41.93 3.74 0.00	39.06 3.81 0.00	38.49 3.60 -2.48	40.35 3.76 -2.99	44.96 3.96 -6.80	44.57 3.96 -5.24	49.39 4.12 -9.47	50.17 4.69 -7.68	51.81 5.12 -2.93	48.64 4.72 4.24	61.13 4.27 0.00	58.79 3.59 0.00	52.58 3.85 0.00	47.24 3.38 -0.01	44.89 3.52 0.00	40.96 3.28 0.00
JAMAICA___27_KV_LOAD 355505	45.43 2.93 0.00	39.60 2.87 0.00	35.85 2.28 0.00	34.16 1.93 0.00	33.01 1.75 0.00	34.80 2.03 0.00	44.78 2.77 0.00	49.75 3.25 0.00	41.17 2.98 0.00	38.24 3.00 0.00	35.17 2.75 -0.01	36.52 2.92 -0.01	37.14 2.94 -0.02	38.74 3.36 0.00	39.29 3.47 -0.01	41.77 3.97 0.00	47.91 4.16 0.00	51.44 3.27 0.00	59.93 3.07 0.00	57.52 2.32 0.00	50.77 2.05 0.00	45.79 1.93 0.00	43.74 2.36 0.00	39.61 1.92 0.00
JANIS___SOLAR 323808	43.31 1.06 0.24	37.68 1.03 0.08	34.60 1.04 0.00	33.29 1.06 0.00	32.23 0.97 0.00	33.82 1.05 0.00	43.02 1.22 0.21	47.52 1.35 0.32	38.65 0.46 0.00	35.35 0.11 0.00	32.18 -0.23 0.00	33.43 -0.17 0.00	34.05 -0.14 0.00	35.27 -0.11 0.00	35.70 -0.11 0.00	37.63 -0.15 0.02	43.80 0.22 0.18	49.13 1.11 0.13	58.81 2.28 0.33	57.41 2.49 0.28	50.28 1.90 0.35	45.28 1.62 0.20	42.38 1.24 0.23	38.54 1.02 0.16
JARVIS____ 23743	42.58 0.09 0.00	36.88 0.15 0.00	33.73 0.17 0.00	32.39 0.16 0.00	31.42 0.16 0.00	32.94 0.16 0.00	42.14 0.13 0.00	46.59 0.09 0.00	38.23 0.04 0.00	35.28 0.04 0.00	32.44 0.03 0.00	33.63 0.03 0.00	34.22 0.03 0.00	35.41 0.04 0.00	35.88 0.07 0.00	37.91 0.11 0.00	43.85 0.09 0.00	48.25 0.10 0.00	56.98 0.11 0.00	55.32 0.11 0.00	48.83 0.10 0.00	43.95 0.09 0.00	41.46 0.08 0.00	37.76 0.08 0.00
JENNISON___1 23625	43.49 1.23 0.23	37.90 1.25 0.08	34.74 1.17 0.00	33.42 1.19 0.00	32.33 1.06 0.00	33.92 1.15 0.00	42.98 1.18 0.20	47.44 1.26 0.31	38.91 0.73 0.00	35.88 0.63 0.00	32.86 0.45 0.00	34.16 0.57 0.00	34.77 0.58 0.00	36.08 0.71 0.00	36.56 0.75 0.00	38.19 0.42 0.02	44.24 0.66 0.17	49.38 1.35 0.13	58.76 2.22 0.32	57.48 2.54 0.27	50.30 1.90 0.33	45.24 1.58 0.19	42.44 1.28 0.22	38.66 1.13 0.15
JENNISON___2 23626	43.49 1.23 0.23	37.90 1.25 0.08	34.74 1.17 0.00	33.42 1.19 0.00	32.33 1.06 0.00	33.92 1.15 0.00	42.98 1.18 0.20	47.44 1.26 0.31	38.91 0.73 0.00	35.88 0.63 0.00	32.86 0.45 0.00	34.16 0.57 0.00	34.77 0.58 0.00	36.08 0.71 0.00	36.56 0.75 0.00	38.19 0.42 0.02	44.24 0.66 0.17	49.38 1.35 0.13	58.76 2.22 0.32	57.48 2.54 0.27	50.30 1.90 0.33	45.24 1.58 0.19	42.44 1.28 0.22	38.66 1.13 0.15
JERICHO_RISE_WT_PWR 323719	42.62 0.13 0.00	36.59 -0.15 0.00	33.40 -0.17 0.00	32.07 -0.16 0.00	31.14 -0.12 0.00	32.64 -0.13 0.00	42.22 0.21 0.00	46.59 0.09 0.00	38.34 0.15 0.00	35.28 0.04 0.00	32.41 0.00 0.00	33.49 -0.10 0.00	34.09 -0.10 0.00	35.23 -0.14 0.00	35.56 -0.25 0.00	37.42 -0.38 0.00	43.41 -0.35 0.00	47.77 -0.39 0.00	56.69 -0.17 0.00	55.21 0.00 0.00	48.83 0.10 0.00	44.03 0.18 0.00	41.63 0.25 0.00	37.87 0.19 0.00
KATONAH___115KV_46KV_TB4 355592	44.92 2.42 0.00	39.09 2.35 0.00	35.55 1.98 0.00	33.90 1.68 0.00	32.83 1.56 0.00	34.44 1.67 0.00	44.03 2.02 0.00	48.82 2.32 0.00	40.40 2.21 0.00	37.50 2.26 0.00	34.58 2.17 0.00	35.84 2.25 0.00	36.51 2.32 0.00	37.92 2.55 0.00	38.42 2.61 0.00	40.75 2.95 0.00	46.95 3.19 0.00	50.95 2.79 0.00	59.65 2.79 0.00	57.41 2.21 0.00	50.58 1.85 0.00	45.61 1.75 0.00	43.07 1.70 0.00	39.19 1.51 0.00
KCE_NY_1 323755	44.02 1.53 0.00	38.28 1.54 0.00	35.11 1.54 0.00	33.65 1.42 0.00	32.61 1.34 0.00	34.25 1.48 0.00	43.61 1.60 0.00	47.98 1.49 0.00	39.10 0.92 0.00	35.88 0.64 0.00	32.90 0.49 0.00	34.00 0.40 0.00	34.46 0.27 0.00	35.59 0.21 0.00	36.09 0.29 0.00	38.33 0.53 0.00	44.37 0.61 0.00	49.17 1.01 0.00	58.57 1.70 0.00	57.08 1.88 0.00	50.33 1.61 0.00	45.26 1.40 0.00	42.79 1.41 0.00	38.93 1.24 0.00
KCE_NY_6_ESR 323823	38.89 -2.38 1.22	34.70 -1.62 0.42	32.21 -1.34 0.02	31.23 -1.00 0.00	30.17 -1.10 0.00	31.53 -1.25 0.00	38.56 -2.39 1.06	42.95 -1.91 1.64	36.70 -1.49 0.00	33.91 -1.34 0.00	31.05 -1.36 0.00	32.72 -0.87 0.00	33.40 -0.78 0.00	34.49 -0.88 0.00	34.91 -0.89 0.00	36.10 -1.59 0.11	40.90 -1.97 0.89	46.01 -1.59 0.56	53.53 -1.93 1.40	52.36 -1.65 1.19	45.41 -1.85 1.46	41.12 -1.88 0.85	38.19 -2.19 0.99	35.25 -1.77 0.66
KEDC_PORT_JEFF_GT2 24210	46.45 3.95 -0.01	40.93 3.86 -0.34	36.83 3.25 -0.01	35.03 2.80 0.00	34.02 2.75 0.00	35.62 2.85 0.00	45.33 3.32 0.00	49.75 3.25 0.00	41.63 3.44 0.00	38.77 3.52 0.00	38.20 3.31 -2.48	40.08 3.49 -2.99	44.65 3.66 -6.80	44.22 3.61 -5.24	49.04 3.76 -9.47	49.79 4.31 -7.68	51.33 4.64 -2.94	51.12 3.90 0.93	60.51 3.64 0.00	58.24 3.03 0.00	52.09 3.36 0.00	46.89 3.02 -0.01	44.61 3.23 0.00	40.70 3.02 0.00
KEDC_PORT_JEFF_GT3 24211	46.45 3.95 -0.01	40.93 3.86 -0.34	36.83 3.25 -0.01	35.03 2.80 0.00	34.02 2.75 0.00	35.62 2.85 0.00	45.33 3.32 0.00	49.75 3.25 0.00	41.63 3.44 0.00	38.77 3.52 0.00	38.20 3.31 -2.48	40.08 3.49 -2.99	44.65 3.66 -6.80	44.22 3.61 -5.24	49.04 3.76 -9.47	49.79 4.31 -7.68	51.33 4.64 -2.94	51.12 3.90 0.93	60.51 3.64 0.00	58.24 3.03 0.00	52.09 3.36 0.00	46.89 3.02 -0.01	44.61 3.23 0.00	40.70 3.02 0.00
KEDC_GLWD_GT4 24219	45.60 3.10 -0.01	40.02 2.94 -0.34	36.02 2.45 -0.01	34.36 2.13 0.00	33.27 2.00 0.00	34.90 2.13 0.00	44.49 2.48 0.00	49.05 2.56 0.00	40.90 2.71 0.00	38.03 2.78 0.00	37.58 2.69 -2.48	39.44 2.85 -2.99	43.96 2.97 -6.80	43.80 3.19 -5.24	48.61 3.33 -9.47	49.19 3.71 -7.68	50.62 3.94 -2.92	51.81 3.51 -0.14	60.05 3.18 0.00	57.80 2.60 0.00	51.21 2.48 0.00	46.14 2.28 -0.01	43.65 2.27 0.00	39.83 2.15 0.00

KEDC_GLWD_GT5 24220	45.60 3.10 -0.01	40.02 2.94 -0.34	36.02 2.45 -0.01	34.36 2.13 0.00	33.27 2.00 0.00	34.90 2.13 0.00	44.49 2.48 0.00	49.05 2.56 0.00	40.90 2.71 0.00	38.03 2.78 0.00	37.58 2.69 -2.48	39.44 2.85 -2.99	43.96 2.97 -6.80	43.80 3.19 -5.24	48.61 3.33 -9.47	49.19 3.71 -7.68	50.62 3.94 -2.92	51.81 3.51 -0.14	60.05 3.18 0.00	57.80 2.60 0.00	51.21 2.48 0.00	46.14 2.28 -0.01	43.65 2.27 0.00	39.83 2.15 0.00
KENSICO____ 23655	44.87 2.38 0.00	39.09 2.35 0.00	35.51 1.95 0.00	33.87 1.64 0.00	32.80 1.53 0.00	34.41 1.64 0.00	43.98 1.97 0.00	48.82 2.32 0.00	40.33 2.14 0.00	37.47 2.22 0.00	34.58 2.17 0.00	35.88 2.28 0.00	36.58 2.39 0.00	37.99 2.62 0.00	38.53 2.72 0.00	40.90 3.10 0.00	47.08 3.33 0.00	51.00 2.84 0.00	59.42 2.56 0.00	57.19 1.99 0.00	50.43 1.71 0.00	45.57 1.71 0.00	42.99 1.61 0.00	39.12 1.43 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	45.00 2.51 0.00	39.12 2.39 0.00	35.58 2.01 0.00	34.00 1.77 0.00	32.92 1.66 0.00	34.54 1.77 0.00	44.15 2.14 0.00	48.96 2.46 0.00	40.10 1.91 0.00	37.08 1.83 0.00	34.09 1.69 0.00	35.47 1.88 0.00	36.14 1.95 0.00	37.53 2.16 0.00	38.06 2.26 0.00	40.37 2.57 0.00	46.73 2.98 0.00	50.95 2.79 0.00	59.93 3.07 0.00	57.86 2.65 0.00	50.87 2.14 0.00	45.79 1.93 0.00	43.20 1.82 0.00	39.30 1.62 0.00
KIAC_JFK_GT1 23816	45.04 2.55 0.00	39.38 2.64 0.00	35.65 2.08 0.00	33.97 1.74 0.00	32.83 1.56 0.00	34.61 1.84 0.00	44.53 2.52 0.00	49.29 2.79 0.00	40.90 2.71 0.00	38.03 2.78 0.00	34.98 2.56 -0.01	36.32 2.72 -0.01	36.94 2.74 -0.02	38.52 3.15 0.00	39.04 3.22 -0.01	41.50 3.70 0.00	47.43 3.68 0.00	50.95 2.79 0.00	59.31 2.45 0.00	56.97 1.77 0.00	50.29 1.56 0.00	45.39 1.54 0.00	43.49 2.11 0.00	39.38 1.70 0.00
KIAC_JFK_GT2 23817	45.04 2.55 0.00	39.38 2.64 0.00	35.65 2.08 0.00	33.97 1.74 0.00	32.83 1.56 0.00	34.61 1.84 0.00	44.53 2.52 0.00	49.29 2.79 0.00	40.90 2.71 0.00	38.03 2.78 0.00	34.98 2.56 -0.01	36.32 2.72 -0.01	36.94 2.74 -0.02	38.52 3.15 0.00	39.04 3.22 -0.01	41.50 3.70 0.00	47.43 3.68 0.00	50.95 2.79 0.00	59.31 2.45 0.00	56.97 1.77 0.00	50.29 1.56 0.00	45.39 1.54 0.00	43.49 2.11 0.00	39.38 1.70 0.00
KIAC_JFK____ 323774	45.00 2.51 0.00	39.38 2.65 0.00	35.61 2.05 0.00	33.97 1.74 0.00	32.83 1.56 0.00	34.57 1.80 0.00	44.54 2.52 -0.01	49.00 2.51 0.00	40.94 2.75 0.00	38.03 2.78 0.00	35.01 2.59 -0.01	36.32 2.72 -0.01	36.94 2.74 -0.02	38.45 3.08 0.00	39.04 3.22 -0.01	41.46 3.67 0.00	47.35 3.59 0.00	51.05 2.89 0.00	59.20 2.33 0.00	56.97 1.77 0.00	50.29 1.56 0.00	45.30 1.45 0.00	43.45 2.07 0.00	39.45 1.77 0.00
KINTIGH__24_KV_GSU 356498	38.41 -2.68 1.41	34.34 -1.91 0.48	31.90 -1.64 0.02	30.91 -1.32 0.00	29.86 -1.41 0.00	31.23 -1.54 0.00	38.06 -2.73 1.22	42.33 -2.28 1.89	36.39 -1.79 0.00	33.59 -1.66 0.00	30.82 -1.59 0.00	32.32 -1.28 0.00	33.03 -1.16 0.00	34.10 -1.27 0.00	34.44 -1.36 0.00	35.67 -2.00 0.12	40.46 -2.28 1.03	45.53 -1.98 0.65	52.81 -2.44 1.61	51.68 -2.15 1.37	44.85 -2.19 1.69	40.73 -2.15 0.98	37.88 -2.36 1.14	34.92 -2.00 0.76
KINTIGH____ 23543	38.40 -2.68 1.41	34.34 -1.91 0.48	31.94 -1.61 0.02	30.91 -1.32 0.00	29.89 -1.38 0.00	31.23 -1.54 0.00	38.06 -2.73 1.22	41.82 -2.79 1.89	36.39 -1.79 0.00	33.59 -1.66 0.00	30.85 -1.56 0.00	32.38 -1.21 0.00	33.03 -1.16 0.00	34.07 -1.31 0.00	34.48 -1.32 0.00	35.63 -2.04 0.12	40.37 -2.36 1.03	45.34 -2.17 0.65	52.86 -2.39 1.61	51.74 -2.10 1.37	44.85 -2.19 1.69	40.73 -2.15 0.98	37.92 -2.32 1.14	35.07 -1.85 0.76
KNTFSRNC_46_KV_46KV_LOAD 80397	43.26 0.76 0.00	37.14 0.40 0.00	33.87 0.30 0.00	32.55 0.32 0.00	31.61 0.34 0.00	33.13 0.36 0.00	42.89 0.88 0.00	47.29 0.79 0.00	38.84 0.65 0.00	35.71 0.46 0.00	32.80 0.39 0.00	33.86 0.27 0.00	34.50 0.31 0.00	35.66 0.28 0.00	35.98 0.18 0.00	37.84 0.04 0.00	43.89 0.13 0.00	48.45 0.29 0.00	57.43 0.57 0.00	56.14 0.94 0.00	49.65 0.93 0.00	44.73 0.88 0.00	42.25 0.87 0.00	38.40 0.72 0.00
LACHUTE__HYDRO 323717	45.89 3.40 0.00	39.78 3.05 0.00	36.55 2.99 0.00	35.03 2.80 0.00	33.86 2.59 0.00	35.69 2.92 0.00	45.66 3.65 0.00	49.94 3.44 0.00	40.14 1.95 0.00	36.51 1.27 0.00	33.18 0.78 0.00	34.30 0.71 0.00	34.63 0.44 0.00	35.66 0.28 0.00	36.09 0.29 0.00	38.40 0.60 0.00	44.68 0.92 0.00	49.94 1.78 0.00	60.84 3.98 0.00	59.78 4.58 0.00	52.43 3.70 0.00	46.93 3.07 0.00	44.36 2.98 0.00	40.28 2.60 0.00
LAWRNCV_115KV_TB1 80681	42.96 0.47 0.00	36.88 0.15 0.00	33.63 0.07 0.00	32.42 0.19 0.00	31.42 0.16 0.00	32.93 0.16 0.00	42.72 0.71 0.00	47.01 0.51 0.00	38.53 0.34 0.00	35.42 0.18 0.00	32.57 0.16 0.00	33.66 0.07 0.00	34.29 0.10 0.00	35.48 0.11 0.00	35.45 -0.36 0.00	37.00 -0.79 0.00	42.71 -1.05 0.00	46.90 -1.25 0.00	55.67 -1.19 0.00	54.49 -0.72 0.00	48.39 -0.34 0.00	43.86 0.00 0.00	41.83 0.46 0.00	38.21 0.53 0.00
LEDERLE____ 23769	44.79 2.29 0.00	38.98 2.24 0.00	35.41 1.85 0.00	33.81 1.58 0.00	32.73 1.47 0.00	34.34 1.57 0.00	43.90 1.89 0.00	48.73 2.23 0.00	40.18 1.99 0.00	37.33 2.08 0.00	34.39 1.98 0.00	35.78 2.18 0.00	36.45 2.26 0.00	37.85 2.48 0.00	38.38 2.58 0.00	40.75 2.95 0.00	46.95 3.19 0.00	51.00 2.84 0.00	59.59 2.73 0.00	57.36 2.15 0.00	50.48 1.75 0.00	45.52 1.67 0.00	42.99 1.61 0.00	39.12 1.43 0.00
LIGHTHSE_115KV_TB6 355974	42.45 -0.34 -0.30	36.65 -0.18 -0.10	33.50 -0.07 0.00	32.26 0.03 0.00	31.23 -0.03 0.00	32.77 0.00 0.00	42.27 0.00 -0.26	46.80 -0.09 -0.40	37.81 -0.38 0.00	34.79 -0.46 0.00	31.89 -0.52 0.00	33.09 -0.50 0.00	33.71 -0.48 0.00	34.92 -0.46 0.00	35.27 -0.54 0.00	37.07 -0.76 -0.03	43.10 -0.88 -0.22	47.81 -0.48 -0.14	57.15 -0.06 -0.34	55.66 0.17 -0.29	49.08 0.00 -0.36	44.11 0.04 -0.21	41.54 -0.08 -0.24	37.73 -0.11 -0.16
LINDEN COGEN____ 23786	44.96 2.46 0.00	39.09 2.35 0.00	35.44 1.88 0.00	33.81 1.58 0.00	32.73 1.47 0.00	34.34 1.57 0.00	44.03 2.02 0.00	48.68 2.19 0.00	40.48 2.29 0.00	37.65 2.40 0.00	34.75 2.33 -0.01	36.09 2.49 -0.01	36.80 2.60 -0.02	38.21 2.83 0.00	38.78 2.97 -0.01	41.16 3.36 0.00	47.26 3.50 0.00	50.95 2.79 0.00	59.02 2.16 0.00	56.86 1.65 0.00	50.29 1.56 0.00	45.43 1.58 0.00	42.95 1.57 0.00	39.15 1.47 0.00
LINDHRST_69_KV_BK1 356055	46.45 3.95 0.00	40.79 3.71 -0.34	36.75 3.19 0.00	34.97 2.74 0.00	33.83 2.56 0.00	35.56 2.79 0.00	45.20 3.19 0.00	50.03 3.53 0.00	41.55 3.36 0.00	38.70 3.45 0.00	38.13 3.24 -2.48	39.98 3.39 -2.99	44.48 3.49 -6.80	44.36 3.75 -5.24	49.11 3.83 -9.47	49.79 4.31 -7.68	51.45 4.77 -2.92	52.73 4.38 -0.19	60.33 3.47 0.00	57.52 2.32 0.00	51.46 2.73 0.00	47.02 3.16 0.00	44.40 3.02 0.00	40.32 2.64 0.00

LIPA_MISC_IPP 23656	46.45 3.95 0.00	41.01 3.93 -0.34	36.92 3.36 0.00	35.10 2.87 0.00	34.02 2.75 0.00	35.72 2.95 0.00	45.37 3.36 0.00	50.17 3.67 0.00	41.66 3.48 0.00	38.81 3.56 0.00	38.26 3.37 -2.48	40.11 3.53 -2.99	44.58 3.59 -6.80	44.18 3.57 -5.24	48.75 3.47 -9.47	49.75 4.27 -7.68	51.46 4.77 -2.93	66.93 4.09 -14.68	60.05 3.18 0.00	57.03 1.82 0.00	51.36 2.63 0.00	46.71 2.85 0.00	44.27 2.90 0.00	40.32 2.64 0.00
LISF___SOLAR 323691	46.58 4.08 -0.01	41.15 4.08 -0.34	37.00 3.43 -0.01	35.19 2.96 0.00	34.20 2.94 0.00	35.78 3.01 0.00	45.49 3.48 0.00	49.94 3.44 0.00	41.78 3.59 0.00	38.88 3.63 0.00	38.32 3.43 -2.48	40.18 3.60 -2.99	44.79 3.79 -6.80	44.18 3.57 -5.24	48.97 3.69 -9.47	49.83 4.34 -7.68	51.46 4.77 -2.93	74.37 4.43 -21.78	60.84 3.98 0.00	58.52 3.31 0.00	52.33 3.61 0.00	46.93 3.07 -0.01	44.69 3.31 0.00	40.85 3.17 0.00
LITTLE FALLS___HYD 24013	43.17 0.68 0.00	37.43 0.70 0.00	34.24 0.67 0.00	32.91 0.68 0.00	31.92 0.66 0.00	33.49 0.72 0.00	42.89 0.88 0.00	47.43 0.93 0.00	38.88 0.69 0.00	35.85 0.60 0.00	32.96 0.55 0.00	34.13 0.54 0.00	34.67 0.48 0.00	35.87 0.50 0.00	36.34 0.54 0.00	38.29 0.49 0.00	44.28 0.53 0.00	48.88 0.72 0.00	57.83 0.97 0.00	56.20 0.99 0.00	49.61 0.88 0.00	44.73 0.88 0.00	42.25 0.87 0.00	38.51 0.83 0.00
LITTLRIV_115KV_TB1 356100	43.39 0.89 0.00	37.21 0.48 0.00	33.93 0.37 0.00	32.71 0.48 0.00	31.67 0.41 0.00	33.26 0.49 0.00	43.19 1.18 0.00	47.47 0.98 0.00	38.76 0.57 0.00	35.57 0.32 0.00	32.67 0.26 0.00	33.79 0.20 0.00	34.39 0.21 0.00	35.59 0.21 0.00	35.59 -0.21 0.00	37.12 -0.68 0.00	42.88 -0.88 0.00	47.19 -0.96 0.00	56.18 -0.68 0.00	55.09 -0.11 0.00	48.87 0.15 0.00	44.30 0.44 0.00	42.25 0.87 0.00	38.59 0.90 0.00
LI_NEWBRDGE___DRP 323616	45.55 3.06 0.00	39.94 2.87 -0.34	36.05 2.48 0.00	34.32 2.09 0.00	33.23 1.97 0.00	34.90 2.13 0.00	44.40 2.39 0.00	49.15 2.65 0.00	40.79 2.60 0.00	38.00 2.75 0.00	37.45 2.56 -2.48	39.27 2.69 -2.99	43.76 2.77 -6.80	43.62 3.01 -5.24	48.32 3.04 -9.47	48.96 3.48 -7.68	50.40 3.72 -2.92	51.52 3.23 -0.14	59.14 2.27 0.00	56.53 1.32 0.00	50.48 1.75 0.00	46.09 2.24 0.00	43.57 2.19 0.00	39.57 1.88 0.00
LOCKPORT_115KV_TB60_63_64 80432	38.13 -3.06 1.30	34.12 -2.17 0.44	31.74 -1.81 0.02	30.78 -1.45 0.00	29.70 -1.56 0.00	31.03 -1.74 0.00	37.78 -3.11 1.12	41.55 -3.21 1.74	36.17 -2.02 0.00	33.34 -1.90 0.00	30.63 -1.78 0.00	32.22 -1.38 0.00	32.86 -1.33 0.00	33.89 -1.49 0.00	34.30 -1.50 0.00	35.34 -2.34 0.11	39.97 -2.84 0.95	44.96 -2.60 0.60	52.48 -2.90 1.49	51.41 -2.54 1.26	44.54 -2.63 1.55	40.45 -2.50 0.90	37.55 -2.77 1.05	34.87 -2.11 0.70
LOCKPORT___CC1 323769	38.18 -3.02 1.30	34.12 -2.17 0.44	31.70 -1.85 0.02	30.78 -1.45 0.00	29.73 -1.53 0.00	31.07 -1.71 0.00	37.82 -3.06 1.12	42.16 -2.60 1.74	36.16 -2.03 0.00	33.34 -1.90 0.00	30.56 -1.85 0.00	32.18 -1.41 0.00	32.89 -1.30 0.00	33.92 -1.45 0.00	34.30 -1.50 0.00	35.42 -2.27 0.11	40.14 -2.67 0.94	45.20 -2.36 0.59	52.48 -2.90 1.48	51.36 -2.59 1.26	44.55 -2.63 1.55	40.46 -2.50 0.90	37.60 -2.73 1.05	34.72 -2.26 0.70
LOCKPORT___CC2 323770	38.18 -3.02 1.30	34.12 -2.17 0.44	31.70 -1.85 0.02	30.78 -1.45 0.00	29.73 -1.53 0.00	31.07 -1.71 0.00	37.82 -3.06 1.12	42.16 -2.60 1.74	36.16 -2.03 0.00	33.34 -1.90 0.00	30.56 -1.85 0.00	32.18 -1.41 0.00	32.89 -1.30 0.00	33.92 -1.45 0.00	34.30 -1.50 0.00	35.42 -2.27 0.11	40.14 -2.67 0.94	45.20 -2.36 0.59	52.48 -2.90 1.48	51.36 -2.59 1.26	44.55 -2.63 1.55	40.46 -2.50 0.90	37.60 -2.73 1.05	34.72 -2.26 0.70
LOCKPORT___CC3 323771	38.18 -3.02 1.30	34.12 -2.17 0.44	31.70 -1.85 0.02	30.78 -1.45 0.00	29.73 -1.53 0.00	31.07 -1.71 0.00	37.82 -3.06 1.12	42.16 -2.60 1.74	36.16 -2.03 0.00	33.34 -1.90 0.00	30.56 -1.85 0.00	32.18 -1.41 0.00	32.89 -1.30 0.00	33.92 -1.45 0.00	34.30 -1.50 0.00	35.42 -2.27 0.11	40.14 -2.67 0.94	45.20 -2.36 0.59	52.48 -2.90 1.48	51.36 -2.59 1.26	44.55 -2.63 1.55	40.46 -2.50 0.90	37.60 -2.73 1.05	34.72 -2.26 0.70
LOCUSVLY_69_KV_BK2 55797	45.89 3.40 0.00	40.27 3.20 -0.34	36.32 2.75 0.00	34.55 2.32 0.00	33.45 2.19 0.00	35.13 2.36 0.00	44.74 2.73 0.00	49.56 3.07 0.00	41.13 2.94 0.00	38.31 3.07 0.00	37.81 2.92 -2.48	39.67 3.09 -2.99	44.17 3.18 -6.80	44.08 3.47 -5.24	48.82 3.54 -9.47	49.45 3.97 -7.68	50.97 4.29 -2.92	52.19 3.90 -0.14	59.99 3.13 0.00	57.36 2.15 0.00	51.07 2.34 0.00	46.53 2.68 0.00	43.90 2.52 0.00	39.87 2.19 0.00
LONG_LAKE_PHOENIX 24014	42.34 -1.10 -0.95	36.18 -0.88 -0.32	32.84 -0.74 -0.01	31.58 -0.64 0.00	30.64 -0.63 0.00	32.05 -0.72 0.00	41.78 -1.05 -0.82	46.64 -1.12 -1.26	37.20 -0.99 0.00	34.30 -0.95 0.00	31.47 -0.94 0.00	32.69 -0.91 0.00	33.30 -0.89 0.00	34.42 -0.96 0.00	34.80 -1.00 0.00	36.78 -1.10 -0.08	43.31 -1.14 -0.69	47.59 -1.01 -0.44	56.94 -1.02 -1.10	55.15 -0.99 -0.93	48.96 -0.93 -1.15	43.61 -0.92 -0.67	41.17 -0.99 -0.78	37.30 -0.90 -0.52
LOVETT___3 23632	44.58 2.08 0.00	38.79 2.06 0.00	35.28 1.71 0.00	33.68 1.45 0.00	32.61 1.34 0.00	34.21 1.44 0.00	43.73 1.72 0.00	48.50 2.00 0.00	40.02 1.83 0.00	37.22 1.97 0.00	34.32 1.91 0.00	35.64 2.05 0.00	36.34 2.15 0.00	37.71 2.33 0.00	38.24 2.43 0.00	40.59 2.80 0.00	46.73 2.98 0.00	50.71 2.55 0.00	59.19 2.33 0.00	56.97 1.77 0.00	50.19 1.46 0.00	45.31 1.45 0.00	42.79 1.41 0.00	38.93 1.24 0.00
LOVETT___4 23642	44.58 2.08 0.00	38.79 2.06 0.00	35.28 1.71 0.00	33.68 1.45 0.00	32.61 1.34 0.00	34.21 1.44 0.00	43.73 1.72 0.00	48.50 2.00 0.00	40.02 1.83 0.00	37.22 1.97 0.00	34.32 1.91 0.00	35.64 2.05 0.00	36.34 2.15 0.00	37.71 2.33 0.00	38.24 2.43 0.00	40.59 2.80 0.00	46.73 2.98 0.00	50.71 2.55 0.00	59.19 2.33 0.00	56.97 1.77 0.00	50.19 1.46 0.00	45.31 1.45 0.00	42.79 1.41 0.00	38.93 1.24 0.00
LOVETT___5 23593	44.58 2.08 0.00	38.79 2.06 0.00	35.28 1.71 0.00	33.68 1.45 0.00	32.61 1.34 0.00	34.21 1.44 0.00	43.73 1.72 0.00	48.50 2.00 0.00	40.02 1.83 0.00	37.22 1.97 0.00	34.32 1.91 0.00	35.64 2.05 0.00	36.34 2.15 0.00	37.71 2.33 0.00	38.24 2.43 0.00	40.59 2.80 0.00	46.73 2.98 0.00	50.71 2.55 0.00	59.19 2.33 0.00	56.97 1.77 0.00	50.19 1.46 0.00	45.31 1.45 0.00	42.79 1.41 0.00	38.93 1.24 0.00
LOWER RAQUET___HYD 24057	42.96 0.47 0.00	36.88 0.15 0.00	33.70 0.13 0.00	32.42 0.19 0.00	31.42 0.16 0.00	32.97 0.20 0.00	42.81 0.80 0.00	47.06 0.56 0.00	38.53 0.34 0.00	35.39 0.14 0.00	32.54 0.13 0.00	33.66 0.07 0.00	34.26 0.07 0.00	35.45 0.07 0.00	35.38 -0.43 0.00	36.89 -0.91 0.00	42.58 -1.18 0.00	46.71 -1.44 0.00	55.61 -1.25 0.00	54.32 -0.89 0.00	48.29 -0.44 0.00	43.77 -0.09 0.00	41.83 0.46 0.00	38.25 0.57 0.00

LOWER___HUDSON 24059	43.56 1.06 0.00	37.98 1.25 0.00	34.84 1.28 0.00	33.39 1.16 0.00	32.36 1.09 0.00	33.98 1.21 0.00	43.10 1.09 0.00	47.57 1.07 0.00	38.95 0.76 0.00	35.88 0.64 0.00	33.02 0.61 0.00	34.10 0.50 0.00	34.53 0.34 0.00	35.69 0.32 0.00	36.27 0.46 0.00	38.51 0.72 0.00	44.50 0.74 0.00	49.17 1.01 0.00	58.06 1.20 0.00	56.42 1.21 0.00	49.90 1.17 0.00	44.91 1.05 0.00	42.45 1.07 0.00	38.63 0.94 0.00
LOWVILLE_115KV_TB2 356335	42.71 0.21 0.00	37.25 0.51 0.00	34.34 0.77 0.00	33.26 1.03 0.00	32.14 0.88 0.00	33.82 1.05 0.00	43.56 1.55 0.00	47.94 1.44 0.00	38.84 0.65 0.00	35.64 0.39 0.00	32.67 0.26 0.00	33.86 0.27 0.00	34.46 0.27 0.00	35.73 0.35 0.00	35.98 0.18 0.00	37.68 -0.11 0.00	43.71 -0.04 0.00	48.69 0.53 0.00	58.23 1.36 0.00	57.03 1.82 0.00	50.14 1.41 0.00	45.13 1.27 0.00	42.62 1.24 0.00	38.78 1.09 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	44.02 1.53 0.00	38.24 1.51 0.00	35.11 1.54 0.00	33.65 1.42 0.00	32.58 1.31 0.00	34.21 1.44 0.00	43.56 1.55 0.00	47.98 1.49 0.00	39.07 0.88 0.00	35.88 0.63 0.00	32.86 0.45 0.00	33.96 0.37 0.00	34.43 0.24 0.00	35.55 0.18 0.00	36.09 0.29 0.00	38.29 0.49 0.00	44.37 0.61 0.00	49.12 0.96 0.00	58.51 1.65 0.00	57.03 1.82 0.00	50.29 1.56 0.00	45.22 1.36 0.00	42.70 1.32 0.00	38.89 1.21 0.00
LUTHERNY_35_KV_BK2 355980	44.02 1.53 0.00	38.28 1.54 0.00	35.11 1.54 0.00	33.65 1.42 0.00	32.61 1.34 0.00	34.25 1.47 0.00	43.61 1.60 0.00	47.98 1.49 0.00	39.11 0.92 0.00	35.88 0.63 0.00	32.86 0.45 0.00	33.96 0.37 0.00	34.46 0.27 0.00	35.55 0.18 0.00	36.09 0.29 0.00	38.29 0.49 0.00	44.37 0.61 0.00	49.12 0.96 0.00	58.57 1.71 0.00	57.03 1.82 0.00	50.34 1.61 0.00	45.26 1.40 0.00	42.74 1.37 0.00	38.93 1.24 0.00
LWR___OSWEGATCHIE_HYD 23850	42.92 0.42 0.00	37.10 0.37 0.00	34.00 0.44 0.00	32.84 0.61 0.00	31.76 0.50 0.00	33.39 0.62 0.00	43.19 1.18 0.00	47.47 0.98 0.00	38.65 0.46 0.00	35.46 0.21 0.00	32.57 0.16 0.00	33.69 0.10 0.00	34.29 0.10 0.00	35.55 0.18 0.00	35.63 -0.18 0.00	37.19 -0.60 0.00	43.01 -0.74 0.00	47.63 -0.53 0.00	56.81 -0.06 0.00	55.70 0.50 0.00	49.22 0.49 0.00	44.43 0.57 0.00	42.25 0.87 0.00	38.51 0.83 0.00
LYONS_FALL_HYD 23570	42.92 0.42 0.00	37.32 0.59 0.00	34.30 0.74 0.00	33.13 0.90 0.00	32.05 0.78 0.00	33.69 0.92 0.00	43.31 1.30 0.00	47.70 1.21 0.00	38.76 0.57 0.00	35.64 0.39 0.00	32.67 0.26 0.00	33.89 0.30 0.00	34.46 0.27 0.00	35.73 0.35 0.00	36.09 0.29 0.00	37.91 0.11 0.00	43.89 0.13 0.00	48.74 0.58 0.00	58.17 1.31 0.00	56.81 1.60 0.00	49.99 1.26 0.00	44.95 1.10 0.00	42.41 1.03 0.00	38.55 0.87 0.00
MADISON___COUNTY_LFGE 323628	42.92 0.68 0.25	37.35 0.70 0.09	34.30 0.74 0.00	33.00 0.77 0.00	31.95 0.69 0.00	33.52 0.75 0.00	42.76 0.97 0.22	47.09 0.93 0.34	38.65 0.46 0.00	35.60 0.35 0.00	32.64 0.23 0.00	33.86 0.27 0.00	34.46 0.27 0.00	35.73 0.35 0.00	36.13 0.32 0.00	37.96 0.19 0.02	43.88 0.31 0.18	48.75 0.72 0.13	57.80 1.25 0.32	56.37 1.44 0.27	49.52 1.12 0.33	44.59 0.92 0.19	41.90 0.74 0.22	38.17 0.64 0.15
MALONE___115KV_TB1 356076	43.34 0.85 0.00	37.21 0.48 0.00	33.90 0.34 0.00	32.62 0.39 0.00	31.67 0.41 0.00	33.20 0.43 0.00	42.98 0.97 0.00	47.43 0.93 0.00	38.95 0.76 0.00	35.78 0.53 0.00	32.89 0.49 0.00	33.96 0.37 0.00	34.60 0.41 0.00	35.76 0.39 0.00	36.09 0.29 0.00	37.95 0.15 0.00	43.98 0.22 0.00	48.54 0.39 0.00	57.55 0.68 0.00	56.31 1.10 0.00	49.80 1.07 0.00	44.87 1.01 0.00	42.33 0.95 0.00	38.44 0.75 0.00
MAPLEWOD_115KV_TB3 80458	43.56 1.06 0.00	37.95 1.21 0.00	34.81 1.24 0.00	33.32 1.10 0.00	32.33 1.06 0.00	33.92 1.15 0.00	43.10 1.09 0.00	47.52 1.02 0.00	38.95 0.76 0.00	35.92 0.67 0.00	32.99 0.58 0.00	34.10 0.50 0.00	34.63 0.44 0.00	35.76 0.39 0.00	36.31 0.50 0.00	38.52 0.72 0.00	44.50 0.74 0.00	49.02 0.87 0.00	58.00 1.14 0.00	56.36 1.16 0.00	49.75 1.02 0.00	44.78 0.92 0.00	42.29 0.91 0.00	38.55 0.87 0.00
MAPLE_RIDGE_WT_1 323574	42.20 -0.30 0.00	36.52 -0.22 0.00	33.43 -0.13 0.00	32.13 -0.10 0.00	31.20 -0.06 0.00	32.71 -0.07 0.00	41.97 -0.04 0.00	46.45 -0.05 0.00	38.15 -0.04 0.00	35.18 -0.07 0.00	32.34 -0.06 0.00	33.49 -0.10 0.00	34.09 -0.10 0.00	35.27 -0.11 0.00	35.66 -0.14 0.00	37.61 -0.19 0.00	43.58 -0.17 0.00	47.96 -0.19 0.00	56.69 -0.17 0.00	55.04 -0.17 0.00	48.63 -0.10 0.00	43.81 -0.04 0.00	41.34 -0.04 0.00	37.65 -0.04 0.00
MAPLE_RIDGE_WT_2 323611	42.20 -0.30 0.00	36.52 -0.22 0.00	33.43 -0.13 0.00	32.13 -0.10 0.00	31.20 -0.06 0.00	32.71 -0.07 0.00	41.97 -0.04 0.00	46.45 -0.05 0.00	38.15 -0.04 0.00	35.18 -0.07 0.00	32.34 -0.06 0.00	33.49 -0.10 0.00	34.09 -0.10 0.00	35.27 -0.11 0.00	35.66 -0.14 0.00	37.61 -0.19 0.00	43.58 -0.17 0.00	47.96 -0.19 0.00	56.69 -0.17 0.00	55.04 -0.17 0.00	48.63 -0.10 0.00	43.81 -0.04 0.00	41.34 -0.04 0.00	37.65 -0.04 0.00
MARBLE_RIVER_WT_PWR 323696	42.66 0.17 0.00	36.62 -0.11 0.00	33.43 -0.13 0.00	32.13 -0.10 0.00	31.17 -0.09 0.00	32.67 -0.10 0.00	42.26 0.25 0.00	46.64 0.14 0.00	38.34 0.15 0.00	35.32 0.07 0.00	32.44 0.03 0.00	33.53 -0.07 0.00	34.12 -0.07 0.00	35.27 -0.11 0.00	35.59 -0.21 0.00	37.46 -0.34 0.00	43.45 -0.30 0.00	47.82 -0.33 0.00	56.75 -0.11 0.00	55.26 0.06 0.00	48.88 0.15 0.00	44.08 0.22 0.00	41.67 0.29 0.00	37.91 0.23 0.00
MARSHVLE_115KV_TB1 80742	44.32 1.83 0.00	38.39 1.65 0.00	35.21 1.64 0.00	33.74 1.51 0.00	32.70 1.44 0.00	34.41 1.64 0.00	44.11 2.10 0.00	47.89 1.39 0.00	37.96 -0.23 0.00	34.30 -0.95 0.00	31.27 -1.13 0.00	32.35 -1.24 0.00	32.82 -1.37 0.00	33.89 -1.49 0.00	34.30 -1.50 0.00	36.47 -1.32 0.00	42.53 -1.23 0.00	48.20 0.05 0.00	58.97 2.10 0.00	57.74 2.54 0.00	50.92 2.19 0.00	45.66 1.80 0.00	42.99 1.61 0.00	39.08 1.39 0.00
MARSH_HILL_WT_PWR 323713	40.84 -0.81 0.85	36.04 -0.40 0.29	33.32 -0.23 0.01	32.23 0.00 0.00	31.20 -0.06 0.00	32.61 -0.16 0.00	40.60 -0.67 0.73	45.09 -0.28 1.13	37.54 -0.65 0.00	34.54 -0.70 0.00	31.50 -0.91 0.00	32.95 -0.64 0.00	33.71 -0.48 0.00	34.85 -0.53 0.00	35.23 -0.57 0.00	36.74 -0.98 0.07	42.27 -0.87 0.62	47.57 -0.19 0.39	56.23 0.34 0.98	55.09 0.72 0.83	47.85 0.15 1.02	43.17 -0.09 0.60	40.19 -0.49 0.69	36.77 -0.45 0.46
MCINTYRE_115KV_TB2 80467	43.64 1.15 0.00	37.40 0.66 0.00	34.10 0.54 0.00	32.84 0.61 0.00	31.80 0.53 0.00	33.39 0.62 0.00	43.40 1.39 0.00	47.61 1.12 0.00	38.88 0.69 0.00	35.64 0.39 0.00	32.76 0.36 0.00	33.86 0.27 0.00	34.46 0.27 0.00	35.66 0.28 0.00	35.70 -0.11 0.00	37.31 -0.49 0.00	43.19 -0.57 0.00	47.63 -0.53 0.00	56.75 -0.11 0.00	55.65 0.44 0.00	49.31 0.58 0.00	44.65 0.79 0.00	42.50 1.12 0.00	38.74 1.06 0.00

MECO____69_KV_BK1 80468	44.75 2.25 0.00	38.75 2.02 0.00	35.55 1.98 0.00	34.07 1.84 0.00	33.01 1.75 0.00	34.74 1.97 0.00	44.49 2.48 0.00	48.45 1.95 0.00	38.53 0.34 0.00	34.79 -0.46 0.00	31.70 -0.71 0.00	32.79 -0.81 0.00	33.23 -0.96 0.00	34.31 -1.06 0.00	34.80 -1.00 0.00	37.00 -0.79 0.00	43.28 -0.48 0.00	48.83 0.67 0.00	59.65 2.79 0.00	58.41 3.20 0.00	51.41 2.68 0.00	46.09 2.24 0.00	43.41 2.03 0.00	39.45 1.77 0.00
MENANDS__115KV_TB5 355628	43.30 0.81 0.00	37.76 1.03 0.00	34.64 1.07 0.00	33.20 0.97 0.00	32.17 0.91 0.00	33.75 0.98 0.00	42.85 0.84 0.00	47.29 0.79 0.00	38.80 0.61 0.00	35.81 0.56 0.00	32.93 0.52 0.00	34.03 0.44 0.00	34.53 0.34 0.00	35.69 0.32 0.00	36.23 0.43 0.00	38.44 0.64 0.00	44.37 0.61 0.00	48.83 0.67 0.00	57.66 0.80 0.00	55.98 0.77 0.00	49.46 0.73 0.00	44.52 0.66 0.00	42.08 0.70 0.00	38.36 0.68 0.00
MG INDUSTRY__DRP 24185	43.56 1.06 0.00	37.91 1.18 0.00	34.74 1.17 0.00	33.29 1.06 0.00	32.26 1.00 0.00	33.82 1.05 0.00	42.98 0.97 0.00	47.38 0.88 0.00	38.72 0.53 0.00	35.64 0.39 0.00	32.73 0.32 0.00	33.89 0.30 0.00	34.43 0.24 0.00	35.59 0.21 0.00	36.13 0.32 0.00	38.29 0.49 0.00	44.28 0.53 0.00	48.83 0.67 0.00	57.89 1.02 0.00	56.25 1.05 0.00	49.65 0.93 0.00	44.69 0.83 0.00	42.21 0.83 0.00	38.47 0.79 0.00
MID____OSWEGATCHIE_HYD 23849	42.92 0.42 0.00	37.10 0.37 0.00	34.00 0.44 0.00	32.84 0.61 0.00	31.76 0.50 0.00	33.39 0.62 0.00	43.19 1.18 0.00	47.47 0.98 0.00	38.65 0.46 0.00	35.46 0.21 0.00	32.57 0.16 0.00	33.69 0.10 0.00	34.29 0.10 0.00	35.55 0.18 0.00	35.63 -0.18 0.00	37.19 -0.60 0.00	43.01 -0.74 0.00	47.63 -0.53 0.00	56.81 -0.06 0.00	55.70 0.50 0.00	49.22 0.49 0.00	44.43 0.57 0.00	42.25 0.87 0.00	38.51 0.83 0.00
MID____RAQUETTE_HYD 23851	42.96 0.47 0.00	36.88 0.15 0.00	33.67 0.10 0.00	32.42 0.19 0.00	31.42 0.16 0.00	32.97 0.20 0.00	42.81 0.80 0.00	47.05 0.56 0.00	38.53 0.34 0.00	35.39 0.14 0.00	32.54 0.13 0.00	33.66 0.07 0.00	34.26 0.07 0.00	35.45 0.07 0.00	35.38 -0.43 0.00	36.89 -0.91 0.00	42.53 -1.23 0.00	46.71 -1.44 0.00	55.50 -1.36 0.00	54.32 -0.88 0.00	48.29 -0.44 0.00	43.77 -0.09 0.00	41.83 0.46 0.00	38.25 0.57 0.00
MILLIKEN__1 23584	42.79 0.30 0.00	37.10 0.37 0.00	34.00 0.44 0.00	32.68 0.45 0.00	31.67 0.41 0.00	33.16 0.39 0.00	42.35 0.34 0.00	46.96 0.46 0.00	38.34 0.15 0.00	35.28 0.04 0.00	32.28 -0.13 0.00	33.53 -0.07 0.00	34.19 0.00 0.00	35.38 0.00 0.00	35.73 -0.07 0.00	37.68 -0.11 0.00	43.89 0.13 0.00	48.53 0.48 0.11	57.61 1.02 0.27	56.02 1.05 0.23	49.17 0.73 0.28	44.26 0.57 0.17	41.52 0.33 0.19	37.82 0.26 0.13
MILLIKEN__2 23585	42.79 0.30 0.00	37.10 0.37 0.00	34.00 0.44 0.00	32.68 0.45 0.00	31.67 0.41 0.00	33.16 0.39 0.00	42.35 0.34 0.00	46.96 0.46 0.00	38.34 0.15 0.00	35.28 0.04 0.00	32.28 -0.13 0.00	33.53 -0.07 0.00	34.19 0.00 0.00	35.38 0.00 0.00	35.73 -0.07 0.00	37.68 -0.11 0.00	43.89 0.13 0.00	48.53 0.48 0.11	57.61 1.02 0.27	56.02 1.05 0.23	49.17 0.73 0.28	44.26 0.57 0.17	41.52 0.33 0.19	37.82 0.26 0.13
MILLIKEN__DIESEL 23629	42.79 0.30 0.00	37.10 0.37 0.00	34.00 0.44 0.00	32.68 0.45 0.00	31.67 0.41 0.00	33.16 0.39 0.00	42.35 0.34 0.00	46.96 0.46 0.00	38.34 0.15 0.00	35.28 0.04 0.00	32.28 -0.13 0.00	33.53 -0.07 0.00	34.19 0.00 0.00	35.38 0.00 0.00	35.73 -0.07 0.00	37.68 -0.11 0.00	43.89 0.13 0.00	48.53 0.48 0.11	57.61 1.02 0.27	56.02 1.05 0.23	49.17 0.73 0.28	44.26 0.57 0.17	41.52 0.33 0.19	37.82 0.26 0.13
MILLSEAT____LFGE 323607	39.67 -1.49 1.34	35.44 -0.84 0.45	32.91 -0.64 0.02	31.97 -0.26 0.00	30.80 -0.47 0.00	32.31 -0.46 0.00	39.47 -1.39 1.15	43.97 -0.75 1.78	37.46 -0.73 0.00	34.37 -0.88 0.00	31.57 -0.84 0.00	33.15 -0.44 0.00	33.91 -0.27 0.00	34.99 -0.39 0.00	35.34 -0.47 0.00	36.43 -1.25 0.12	41.61 -1.18 0.97	47.02 -0.53 0.61	54.95 -0.40 1.52	53.81 -0.11 1.29	46.65 -0.49 1.59	42.36 -0.57 0.92	39.31 -0.99 1.08	36.14 -0.83 0.72
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	44.75 2.25 0.00	38.94 2.20 0.00	35.41 1.85 0.00	33.78 1.55 0.00	32.70 1.44 0.00	34.31 1.54 0.00	43.86 1.85 0.00	48.63 2.14 0.00	40.18 1.99 0.00	37.33 2.08 0.00	34.45 2.04 0.00	35.74 2.15 0.00	36.45 2.26 0.00	37.85 2.48 0.00	38.35 2.54 0.00	40.71 2.91 0.00	46.86 3.11 0.00	50.81 2.65 0.00	59.31 2.45 0.00	57.08 1.88 0.00	50.29 1.56 0.00	45.44 1.58 0.00	42.91 1.53 0.00	39.04 1.36 0.00
MILLWOOD_13_KV_LOAD 356217	44.83 2.34 0.00	39.01 2.28 0.00	35.48 1.91 0.00	33.84 1.61 0.00	32.76 1.50 0.00	34.38 1.61 0.00	43.94 1.93 0.00	48.73 2.23 0.00	40.29 2.10 0.00	37.43 2.19 0.00	34.51 2.11 0.00	35.81 2.22 0.00	36.48 2.29 0.00	37.89 2.51 0.00	38.42 2.61 0.00	40.75 2.95 0.00	46.95 3.19 0.00	50.90 2.74 0.00	59.48 2.62 0.00	57.25 2.04 0.00	50.43 1.71 0.00	45.52 1.67 0.00	42.99 1.61 0.00	39.12 1.43 0.00
MODEL_CITY_ENERGY 24167	37.76 -3.44 1.30	33.76 -2.53 0.44	31.37 -2.18 0.02	30.46 -1.77 0.00	29.39 -1.88 0.00	30.71 -2.06 0.00	37.32 -3.57 1.12	41.60 -3.16 1.73	35.78 -2.40 0.00	33.03 -2.22 0.00	30.27 -2.14 0.00	31.84 -1.75 0.00	32.51 -1.67 0.00	33.57 -1.80 0.00	33.94 -1.86 0.00	35.04 -2.65 0.11	39.71 -3.11 0.94	44.72 -2.84 0.59	51.80 -3.58 1.48	50.69 -3.26 1.25	43.96 -3.22 1.55	39.98 -2.98 0.90	37.18 -3.15 1.05	34.34 -2.64 0.70
MODERN_LFGE__ 323580	37.76 -3.44 1.30	33.76 -2.53 0.44	31.37 -2.18 0.02	30.46 -1.77 0.00	29.39 -1.88 0.00	30.71 -2.06 0.00	37.32 -3.57 1.12	41.60 -3.16 1.73	35.78 -2.40 0.00	33.03 -2.22 0.00	30.27 -2.14 0.00	31.84 -1.75 0.00	32.51 -1.67 0.00	33.57 -1.80 0.00	33.94 -1.86 0.00	35.04 -2.65 0.11	39.71 -3.11 0.94	44.72 -2.84 0.59	51.80 -3.58 1.48	50.69 -3.26 1.25	43.96 -3.22 1.55	39.98 -2.98 0.90	37.18 -3.15 1.05	34.34 -2.64 0.70
MOHAWK_PAPER__DRP 24187	43.56 1.06 0.00	37.95 1.21 0.00	34.81 1.24 0.00	33.32 1.10 0.00	32.33 1.06 0.00	33.92 1.15 0.00	43.10 1.09 0.00	47.52 1.02 0.00	38.95 0.76 0.00	35.92 0.67 0.00	32.99 0.58 0.00	34.10 0.50 0.00	34.63 0.44 0.00	35.76 0.39 0.00	36.31 0.50 0.00	38.52 0.72 0.00	44.50 0.74 0.00	49.02 0.87 0.00	58.00 1.14 0.00	56.36 1.16 0.00	49.75 1.02 0.00	44.78 0.92 0.00	42.29 0.91 0.00	38.55 0.87 0.00
MOHICAN__35_KV_115KV_LD 80490	44.24 1.74 0.00	38.42 1.69 0.00	35.31 1.75 0.00	33.84 1.61 0.00	32.73 1.47 0.00	34.44 1.67 0.00	43.90 1.89 0.00	48.22 1.72 0.00	39.11 0.92 0.00	35.78 0.53 0.00	32.67 0.26 0.00	33.76 0.17 0.00	34.15 -0.03 0.00	35.20 -0.18 0.00	35.70 -0.11 0.00	37.91 0.11 0.00	43.98 0.22 0.00	48.88 0.72 0.00	58.68 1.82 0.00	57.30 2.10 0.00	50.48 1.75 0.00	45.35 1.49 0.00	42.91 1.53 0.00	39.04 1.36 0.00

MONGAUP___HYD 23641	44.66 2.17 0.00	38.83 2.09 0.00	35.31 1.74 0.00	33.78 1.55 0.00	32.70 1.44 0.00	34.31 1.54 0.00	43.86 1.85 0.00	48.40 1.91 0.00	39.72 1.53 0.00	36.69 1.45 0.00	33.74 1.33 0.00	35.04 1.44 0.00	35.73 1.54 0.00	37.04 1.66 0.00	37.59 1.79 0.00	39.84 2.04 0.00	46.16 2.41 0.00	50.42 2.26 0.00	59.42 2.56 0.00	57.47 2.26 0.00	50.58 1.85 0.00	45.43 1.58 0.00	42.91 1.53 0.00	39.12 1.43 0.00
MONTAUK___DIESEL 23721	47.42 4.93 0.00	41.74 4.67 -0.34	37.43 3.86 0.00	35.61 3.38 0.00	34.55 3.28 0.00	36.21 3.44 0.00	45.92 3.91 0.00	50.73 4.23 0.00	42.24 4.05 0.00	39.58 4.34 0.00	39.20 4.31 -2.48	41.32 4.74 -2.99	46.02 5.03 -6.80	45.71 5.09 -5.24	50.32 5.05 -9.47	51.34 5.86 -7.68	53.21 6.52 -2.93	68.98 6.07 -14.75	61.98 5.12 0.00	58.68 3.48 0.00	52.58 3.85 0.00	47.45 3.60 0.00	44.98 3.60 0.00	41.04 3.35 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	39.79 -1.57 1.13	35.43 -0.92 0.38	32.98 -0.57 0.02	31.87 -0.35 0.00	30.80 -0.47 0.00	32.21 -0.56 0.00	39.73 -1.30 0.97	43.87 -1.12 1.51	37.69 -0.50 0.00	34.93 -0.32 0.00	32.02 -0.39 0.00	33.76 0.17 0.00	34.46 0.27 0.00	35.59 0.21 0.00	36.13 0.32 0.00	37.32 -0.38 0.10	42.33 -0.61 0.82	47.49 -0.14 0.52	55.68 0.11 1.29	54.33 0.22 1.10	46.89 -0.49 1.35	42.15 -0.92 0.79	39.06 -1.41 0.92	35.94 -1.13 0.61
MORRIS RIDGE___SOLAR 323848	39.91 -1.61 0.97	35.34 -1.07 0.33	32.71 -0.84 0.01	31.65 -0.58 0.00	30.64 -0.63 0.00	31.98 -0.79 0.00	39.58 -1.60 0.83	43.90 -1.30 1.29	36.78 -1.41 0.00	33.80 -1.45 0.00	30.92 -1.49 0.00	32.38 -1.21 0.00	33.13 -1.06 0.00	34.21 -1.17 0.00	34.62 -1.18 0.00	36.01 -1.70 0.08	41.22 -1.84 0.70	46.41 -1.30 0.44	54.79 -0.97 1.11	53.71 -0.55 0.94	46.64 -0.93 1.16	42.13 -1.05 0.67	39.23 -1.36 0.79	35.99 -1.17 0.53
MORTIMER_115KV_TB3 55949	39.48 -1.61 1.40	35.16 -1.10 0.48	32.67 -0.87 0.02	31.62 -0.61 0.00	30.55 -0.72 0.00	31.98 -0.79 0.00	39.25 -1.55 1.21	43.14 -1.49 1.87	37.20 -0.99 0.00	34.26 -0.99 0.00	31.53 -0.88 0.00	32.99 -0.60 0.00	33.64 -0.55 0.00	34.70 -0.67 0.00	35.09 -0.72 0.00	36.39 -1.29 0.12	41.39 -1.36 1.02	46.51 -1.01 0.63	54.43 -0.85 1.58	53.20 -0.66 1.34	46.20 -0.88 1.65	41.98 -0.92 0.96	39.10 -1.16 1.12	35.99 -0.94 0.75
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	45.17 2.68 0.00	39.31 2.57 0.00	35.68 2.11 0.00	34.00 1.77 0.00	32.92 1.66 0.00	34.54 1.77 0.00	44.19 2.18 0.00	49.10 2.60 0.00	40.60 2.41 0.00	37.75 2.50 0.00	34.85 2.43 -0.01	36.15 2.55 -0.01	36.87 2.67 -0.02	38.35 2.97 0.00	38.86 3.04 -0.01	41.27 3.48 0.00	47.43 3.68 0.00	51.14 2.99 0.00	59.42 2.56 0.00	57.14 1.93 0.00	50.48 1.75 0.00	45.70 1.84 0.00	43.20 1.82 0.00	39.30 1.62 0.00
MUNSVILLE_WIND_PWR 323609	44.25 2.00 0.24	38.56 1.91 0.08	35.41 1.84 0.00	34.10 1.87 0.00	32.95 1.69 0.00	34.64 1.87 0.00	44.07 2.27 0.21	48.59 2.42 0.32	39.41 1.22 0.00	36.09 0.84 0.00	32.90 0.49 0.00	34.23 0.64 0.00	34.84 0.65 0.00	36.15 0.78 0.00	36.63 0.82 0.00	38.34 0.57 0.02	44.46 0.87 0.17	50.10 2.07 0.13	60.12 3.58 0.32	58.96 4.03 0.27	51.55 3.17 0.34	46.38 2.72 0.20	43.42 2.27 0.23	39.45 1.92 0.15
N SALMON___HYD 24042	43.34 0.85 0.00	37.21 0.48 0.00	33.97 0.40 0.00	32.62 0.39 0.00	31.67 0.41 0.00	33.20 0.42 0.00	43.02 1.01 0.00	47.47 0.98 0.00	38.95 0.76 0.00	35.78 0.53 0.00	32.90 0.49 0.00	33.96 0.37 0.00	34.60 0.41 0.00	35.77 0.39 0.00	36.09 0.29 0.00	37.95 0.15 0.00	44.02 0.26 0.00	48.54 0.38 0.00	57.77 0.91 0.00	56.31 1.10 0.00	49.80 1.07 0.00	44.87 1.01 0.00	42.33 0.95 0.00	38.44 0.75 0.00
N.AKRON___115KV_KNAPP 355671	39.01 -2.17 1.32	34.85 -1.43 0.45	32.44 -1.11 0.02	31.46 -0.77 0.00	30.33 -0.94 0.00	31.75 -1.02 0.00	38.73 -2.14 1.14	42.64 -2.09 1.76	36.93 -1.26 0.00	33.94 -1.30 0.00	31.21 -1.20 0.00	32.82 -0.77 0.00	33.47 -0.72 0.00	34.49 -0.88 0.00	34.91 -0.90 0.00	35.98 -1.70 0.12	40.83 -1.97 0.96	46.06 -1.49 0.60	53.88 -1.48 1.50	52.83 -1.10 1.27	45.79 -1.36 1.57	41.54 -1.40 0.91	38.53 -1.78 1.06	35.69 -1.28 0.71
N.BELMOR_69_KV_BK1 55787	45.89 3.40 0.00	40.24 3.16 -0.34	36.32 2.75 0.00	34.55 2.32 0.00	33.42 2.16 0.00	35.13 2.36 0.00	44.70 2.69 0.00	49.43 2.93 0.00	41.05 2.86 0.00	38.24 3.00 0.00	37.71 2.82 -2.48	39.54 2.96 -2.99	44.07 3.08 -6.80	43.94 3.33 -5.24	48.71 3.44 -9.47	49.34 3.86 -7.68	50.88 4.20 -2.92	52.10 3.80 -0.14	59.82 2.96 0.00	57.19 1.99 0.00	50.97 2.24 0.00	46.49 2.63 0.00	43.90 2.52 0.00	39.91 2.22 0.00
N.E._GEN_SANDY PD 24062	43.68 1.19 0.00	38.13 1.40 0.00	34.94 1.38 0.00	33.45 1.22 0.00	32.39 1.12 0.00	34.02 1.24 0.00	43.10 1.09 0.00	46.75 1.07 0.82	40.00 0.99 -0.82	36.20 0.95 0.00	33.45 1.04 0.00	34.50 0.91 0.00	34.94 0.75 0.00	36.19 0.81 0.00	36.38 1.00 0.42	39.52 1.29 -0.44	45.05 1.31 0.02	49.60 1.44 0.00	58.00 1.14 0.00	56.20 0.99 0.00	49.80 1.07 0.00	44.87 1.01 0.00	42.45 1.07 0.00	38.66 0.98 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	44.66 2.17 0.00	38.86 2.13 0.00	35.34 1.78 0.00	33.71 1.48 0.00	32.64 1.38 0.00	34.25 1.47 0.00	43.77 1.76 0.00	48.59 2.09 0.00	40.06 1.87 0.00	37.22 1.97 0.00	34.32 1.91 0.00	35.68 2.08 0.00	36.34 2.15 0.00	37.75 2.37 0.00	38.28 2.47 0.00	40.63 2.83 0.00	46.82 3.06 0.00	50.81 2.65 0.00	59.31 2.45 0.00	57.14 1.93 0.00	50.29 1.56 0.00	45.35 1.49 0.00	42.87 1.49 0.00	39.00 1.32 0.00
N.QUEENS_27_KV_LOAD 356247	45.52 3.02 -0.01	39.57 2.83 -0.01	35.68 2.11 0.00	33.97 1.74 0.00	32.83 1.56 0.00	34.31 1.54 0.00	43.90 1.89 0.00	48.68 2.19 0.00	40.29 2.10 0.00	37.50 2.26 0.00	34.68 2.27 -0.01	35.99 2.39 -0.01	36.67 2.46 -0.02	38.28 2.90 0.00	38.75 2.94 -0.01	41.24 3.44 0.00	47.65 3.89 0.00	50.90 2.74 0.00	59.02 2.16 0.01	56.74 1.55 0.01	50.14 1.41 0.00	45.26 1.40 0.00	42.83 1.45 0.00	39.04 1.36 0.00
N.TROY___115KV_TB1 355778	43.56 1.06 0.00	37.98 1.25 0.00	34.84 1.28 0.00	33.39 1.16 0.00	32.36 1.09 0.00	33.98 1.21 0.00	43.10 1.09 0.00	47.52 1.02 0.00	38.95 0.76 0.00	35.88 0.63 0.00	32.99 0.58 0.00	34.06 0.47 0.00	34.53 0.34 0.00	35.66 0.28 0.00	36.27 0.47 0.00	38.48 0.68 0.00	44.46 0.70 0.00	49.12 0.96 0.00	58.06 1.19 0.00	56.36 1.16 0.00	49.85 1.12 0.00	44.87 1.01 0.00	42.41 1.03 0.00	38.63 0.94 0.00
NARROWS_GT1_1 24228	45.55 3.06 0.00	39.56 2.83 0.00	35.75 2.18 0.00	34.10 1.87 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.07 2.06 0.00	48.59 2.09 0.00	40.33 2.14 0.00	37.54 2.29 0.00	34.72 2.30 -0.01	36.02 2.42 -0.01	36.73 2.53 -0.02	38.21 2.83 0.00	38.78 2.97 -0.01	41.20 3.40 0.00	47.47 3.72 0.00	50.90 2.74 0.00	58.79 1.93 0.01	56.69 1.49 0.01	50.09 1.36 0.00	45.48 1.62 0.00	43.04 1.66 0.00	39.34 1.66 0.00

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NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	44.24 1.74 0.00	38.53 1.80 0.00	35.28 1.71 0.00	33.81 1.58 0.00	32.76 1.50 0.00	34.34 1.57 0.00	43.73 1.72 0.00	48.17 1.67 0.00	39.03 0.84 0.00	35.74 0.49 0.00	32.73 0.32 0.00	33.89 0.30 0.00	34.46 0.27 0.00	35.62 0.25 0.00	36.20 0.39 0.00	38.40 0.60 0.00	44.68 0.92 0.00	49.36 1.20 0.00	58.97 2.10 0.00	57.30 2.10 0.00	50.48 1.75 0.00	45.31 1.45 0.00	42.83 1.45 0.00	39.00 1.32 0.00
NCHELSEA_115KV_TR2 355582	44.92 2.42 0.00	39.09 2.35 0.00	35.55 1.98 0.00	33.94 1.71 0.00	32.86 1.59 0.00	34.47 1.70 0.00	44.03 2.02 0.00	48.77 2.28 0.00	40.06 1.87 0.00	37.12 1.87 0.00	34.16 1.75 0.00	35.51 1.91 0.00	36.17 1.98 0.00	37.57 2.19 0.00	38.10 2.29 0.00	40.44 2.65 0.00	46.73 2.98 0.00	50.85 2.70 0.00	59.65 2.79 0.00	57.52 2.32 0.00	50.63 1.90 0.00	45.61 1.75 0.00	43.07 1.70 0.00	39.23 1.55 0.00
NEG CAPITAL___MECHNVIL 23645	44.07 1.57 0.00	38.35 1.61 0.00	35.18 1.61 0.00	33.71 1.48 0.00	32.67 1.41 0.00	34.31 1.54 0.00	43.65 1.64 0.00	48.08 1.58 0.00	39.22 1.03 0.00	35.99 0.74 0.00	33.02 0.61 0.00	34.10 0.50 0.00	34.57 0.38 0.00	35.69 0.32 0.00	36.24 0.43 0.00	38.44 0.64 0.00	44.55 0.79 0.00	49.31 1.15 0.00	58.68 1.82 0.00	57.19 1.98 0.00	50.43 1.70 0.00	45.35 1.49 0.00	42.87 1.49 0.00	38.97 1.28 0.00
NEG CENTRAL_HIGH_ACRES 23767	39.01 -2.04 1.45	34.74 -1.51 0.49	32.27 -1.28 0.02	31.20 -1.03 0.00	30.17 -1.09 0.00	31.59 -1.18 0.00	38.79 -1.97 1.25	42.56 -2.00 1.93	36.70 -1.49 0.00	33.80 -1.45 0.00	31.08 -1.33 0.00	32.45 -1.14 0.00	33.13 -1.06 0.00	34.17 -1.20 0.00	34.52 -1.29 0.00	35.89 -1.78 0.13	40.78 -1.93 1.05	46.06 -1.54 0.56	53.93 -1.54 1.40	52.64 -1.38 1.18	45.86 -1.41 1.46	41.61 -1.40 0.85	38.82 -1.57 0.99	35.67 -1.36 0.66
NEG CENTRAL___DRP 24199	41.67 -0.47 0.36	36.39 -0.22 0.12	33.43 -0.13 0.00	32.20 -0.03 0.00	31.20 -0.06 0.00	32.67 -0.10 0.00	41.36 -0.34 0.31	45.79 -0.23 0.48	37.85 -0.34 0.00	34.82 -0.42 0.00	31.92 -0.49 0.00	33.19 -0.40 0.00	33.88 -0.31 0.00	35.02 -0.35 0.00	35.38 -0.43 0.00	37.16 -0.60 0.03	43.02 -0.48 0.26	47.69 -0.29 0.18	56.30 -0.11 0.45	54.82 0.00 0.38	48.16 -0.10 0.47	43.54 -0.04 0.27	40.77 -0.29 0.32	37.21 -0.26 0.21
NEG CENTRAL___INDECK 23768	41.24 -0.17 1.08	36.51 0.15 0.37	33.85 0.30 0.01	32.78 0.55 0.00	31.67 0.41 0.00	33.23 0.46 0.00	41.08 0.00 0.93	45.65 0.60 1.45	38.15 -0.04 0.00	34.90 -0.35 0.00	31.86 -0.55 0.00	33.32 -0.27 0.00	34.09 -0.10 0.00	35.20 -0.18 0.00	35.56 -0.25 0.00	37.02 -0.68 0.09	42.62 -0.35 0.79	48.29 0.62 0.50	57.16 1.54 1.24	55.98 1.82 1.05	48.65 1.22 1.29	44.03 0.92 0.75	40.87 0.37 0.88	37.40 0.30 0.59
NEG CENTRAL___SENECA 23627	41.23 -0.47 0.80	36.24 -0.22 0.27	33.49 -0.07 0.01	32.26 0.03 0.00	31.26 0.00 0.00	32.74 -0.03 0.00	40.94 -0.38 0.69	45.20 -0.23 1.07	37.88 -0.31 0.00	34.86 -0.39 0.00	31.92 -0.49 0.00	33.26 -0.34 0.00	33.95 -0.24 0.00	35.09 -0.28 0.00	35.45 -0.36 0.00	37.09 -0.64 0.07	42.70 -0.48 0.58	47.50 -0.29 0.37	55.83 -0.11 0.92	54.48 0.06 0.78	47.72 -0.05 0.96	43.39 0.09 0.56	40.48 -0.25 0.65	37.06 -0.19 0.43
NEG CENTRAL___STATE_STREET 24147	42.24 -0.25 0.00	36.62 -0.11 0.00	33.53 -0.03 0.00	32.26 0.03 0.00	31.30 0.03 0.00	32.77 0.00 0.00	41.88 -0.13 0.00	46.45 -0.05 0.00	37.96 -0.23 0.00	34.97 -0.28 0.00	32.05 -0.36 0.00	33.29 -0.30 0.00	33.95 -0.24 0.00	35.09 -0.28 0.00	35.48 -0.32 0.00	37.38 -0.42 0.00	43.50 -0.26 0.00	48.06 -0.10 0.00	57.03 0.17 0.00	55.43 0.22 0.00	48.83 0.10 0.00	43.86 0.00 0.00	41.17 -0.21 0.00	37.46 -0.23 0.00
NEG MILLWOOD___DRP 24198	45.04 2.55 0.00	39.23 2.50 0.00	35.65 2.08 0.00	34.03 1.80 0.00	32.95 1.69 0.00	34.57 1.80 0.00	44.15 2.14 0.00	49.24 2.74 0.00	40.90 2.71 0.00	37.96 2.71 0.00	35.00 2.59 0.00	36.18 2.59 0.00	36.82 2.63 0.00	38.24 2.87 0.00	38.71 2.90 0.00	40.67 2.87 0.00	46.95 3.19 0.00	51.00 2.84 0.00	59.93 3.07 0.00	57.74 2.54 0.00	50.82 2.10 0.00	45.79 1.93 0.00	43.20 1.82 0.00	39.30 1.62 0.00
NEG NORTH_FLCN_SEA 23793	43.13 0.64 0.00	37.07 0.33 0.00	33.80 0.23 0.00	32.49 0.26 0.00	31.51 0.25 0.00	33.03 0.26 0.00	42.72 0.71 0.00	47.19 0.70 0.00	38.76 0.57 0.00	35.67 0.42 0.00	32.76 0.36 0.00	33.86 0.27 0.00	34.50 0.31 0.00	35.66 0.28 0.00	35.95 0.14 0.00	37.84 0.04 0.00	43.85 0.09 0.00	48.35 0.19 0.00	57.26 0.40 0.00	55.92 0.72 0.00	49.46 0.73 0.00	44.60 0.75 0.00	42.12 0.74 0.00	38.32 0.64 0.00
NEG NORTH_KES_CHATEGAY 23792	42.71 0.21 0.00	36.70 -0.04 0.00	33.43 -0.13 0.00	32.16 -0.06 0.00	31.20 -0.06 0.00	32.71 -0.07 0.00	42.30 0.29 0.00	46.73 0.23 0.00	38.38 0.19 0.00	35.32 0.07 0.00	32.41 0.00 0.00	33.49 -0.10 0.00	34.09 -0.10 0.00	35.23 -0.14 0.00	35.55 -0.25 0.00	37.46 -0.34 0.00	43.41 -0.35 0.00	47.87 -0.29 0.00	56.69 -0.17 0.00	55.37 0.17 0.00	48.97 0.24 0.00	44.16 0.31 0.00	41.71 0.33 0.00	37.95 0.26 0.00
NEG NORTH___ALICE_FALLS 23915	43.26 0.76 0.00	37.14 0.40 0.00	33.87 0.30 0.00	32.55 0.32 0.00	31.61 0.34 0.00	33.13 0.36 0.00	42.89 0.88 0.00	47.29 0.79 0.00	38.84 0.65 0.00	35.71 0.46 0.00	32.80 0.39 0.00	33.86 0.27 0.00	34.50 0.31 0.00	35.66 0.28 0.00	35.98 0.18 0.00	37.84 0.04 0.00	43.89 0.13 0.00	48.45 0.29 0.00	57.43 0.57 0.00	56.14 0.94 0.00	49.65 0.93 0.00	44.73 0.88 0.00	42.25 0.87 0.00	38.40 0.72 0.00
NEG NORTH___LWR_SARANAC 23913	43.26 0.76 0.00	37.14 0.40 0.00	33.87 0.30 0.00	32.55 0.32 0.00	31.61 0.34 0.00	33.13 0.36 0.00	42.89 0.88 0.00	47.29 0.79 0.00	38.84 0.65 0.00	35.71 0.46 0.00	32.80 0.39 0.00	33.86 0.27 0.00	34.50 0.31 0.00	35.66 0.28 0.00	35.98 0.18 0.00	37.84 0.04 0.00	43.89 0.13 0.00	48.45 0.29 0.00	57.43 0.57 0.00	56.14 0.94 0.00	49.65 0.93 0.00	44.73 0.88 0.00	42.25 0.87 0.00	38.40 0.72 0.00
NEG NORTH___PLATTSBURG 23628	43.26 0.77 0.00	37.14 0.40 0.00	33.90 0.34 0.00	32.55 0.32 0.00	31.61 0.34 0.00	33.13 0.36 0.00	42.89 0.88 0.00	47.29 0.79 0.00	38.84 0.65 0.00	35.70 0.46 0.00	32.80 0.39 0.00	33.86 0.27 0.00	34.50 0.31 0.00	35.66 0.28 0.00	35.98 0.18 0.00	37.84 0.04 0.00	43.93 0.18 0.00	48.45 0.29 0.00	57.60 0.74 0.00	56.14 0.94 0.00	49.65 0.92 0.00	44.73 0.88 0.00	42.25 0.87 0.00	38.40 0.71 0.00
NEG WEST_LEA_LOCKPORT 23791	38.18 -3.02 1.30	34.12 -2.17 0.44	31.77 -1.78 0.02	30.78 -1.45 0.00	29.73 -1.53 0.00	31.03 -1.74 0.00	37.78 -3.11 1.12	41.55 -3.21 1.74	36.20 -1.99 0.00	33.34 -1.90 0.00	30.63 -1.78 0.00	32.25 -1.34 0.00	32.89 -1.30 0.00	33.89 -1.49 0.00	34.34 -1.47 0.00	35.38 -2.31 0.11	40.01 -2.80 0.94	45.01 -2.55 0.59	52.48 -2.90 1.48	51.41 -2.54 1.26	44.60 -2.58 1.55	40.46 -2.50 0.90	37.60 -2.73 1.05	34.91 -2.07 0.70

NEG WEST___LANCASTR 23811	38.76 -2.51 1.23	34.55 -1.76 0.42	32.14 -1.41 0.02	31.13 -1.10 0.00	30.08 -1.19 0.00	31.43 -1.34 0.00	38.47 -2.48 1.06	42.07 -2.79 1.64	36.43 -1.76 0.00	33.63 -1.62 0.00	30.89 -1.52 0.00	32.52 -1.07 0.00	33.16 -1.03 0.00	34.21 -1.17 0.00	34.69 -1.11 0.00	35.84 -1.85 0.11	40.46 -2.41 0.89	45.48 -2.12 0.56	53.19 -2.27 1.40	52.08 -1.93 1.19	45.12 -2.14 1.47	40.81 -2.19 0.85	37.90 -2.48 0.99	35.29 -1.73 0.66
NEG_PENN_ALLEGHNY 23528	41.75 -0.42 0.32	36.44 -0.18 0.11	33.46 -0.10 0.00	32.20 -0.03 0.00	31.20 -0.06 0.00	32.64 -0.13 0.00	41.27 -0.46 0.27	45.79 -0.28 0.43	37.84 -0.34 0.00	35.00 -0.25 0.00	32.05 -0.36 0.00	33.39 -0.20 0.00	34.09 -0.10 0.00	35.27 -0.11 0.00	35.66 -0.14 0.00	37.54 -0.23 0.03	43.40 -0.13 0.23	48.10 0.10 0.15	56.77 0.29 0.38	55.32 0.44 0.32	48.43 0.10 0.40	43.58 -0.04 0.23	40.90 -0.21 0.27	37.28 -0.22 0.18
NEG___GEN_MONROE 24207	39.74 -1.36 1.40	35.41 -0.84 0.48	32.88 -0.67 0.02	31.84 -0.39 0.00	30.73 -0.53 0.00	32.21 -0.56 0.00	39.38 -1.43 1.20	43.24 -1.39 1.86	37.27 -0.92 0.00	34.33 -0.92 0.00	31.57 -0.84 0.00	33.06 -0.54 0.00	33.71 -0.48 0.00	34.77 -0.60 0.00	35.12 -0.68 0.00	36.35 -1.32 0.12	41.30 -1.44 1.01	46.47 -1.06 0.63	54.38 -0.91 1.58	53.21 -0.66 1.34	46.25 -0.83 1.65	42.02 -0.88 0.96	39.14 -1.12 1.12	36.18 -0.75 0.75
NEPA___ENERGY 23901	39.19 -2.17 1.13	34.88 -1.47 0.39	32.41 -1.14 0.02	31.33 -0.90 0.00	30.29 -0.97 0.00	31.66 -1.11 0.00	38.93 -2.10 0.98	42.94 -2.05 1.51	36.97 -1.22 0.00	34.33 -0.92 0.00	31.47 -0.94 0.00	33.16 -0.44 0.00	33.85 -0.34 0.00	34.95 -0.42 0.00	35.45 -0.36 0.00	36.68 -1.02 0.10	41.71 -1.23 0.82	46.77 -0.87 0.52	54.71 -0.85 1.30	53.44 -0.66 1.10	46.10 -1.27 1.36	41.49 -1.58 0.79	38.51 -1.94 0.92	35.56 -1.51 0.61
NEVERSINK___HYD 23608	44.87 2.38 0.00	39.05 2.32 0.00	35.48 1.91 0.00	33.94 1.71 0.00	32.86 1.59 0.00	34.47 1.70 0.00	44.07 2.06 0.00	48.73 2.23 0.00	39.98 1.80 0.00	36.94 1.69 0.00	34.00 1.59 0.00	35.34 1.75 0.00	36.03 1.84 0.00	37.36 1.98 0.00	37.92 2.11 0.00	40.10 2.31 0.00	46.38 2.63 0.00	50.66 2.50 0.00	59.65 2.79 0.00	57.75 2.54 0.00	50.73 2.00 0.00	45.61 1.76 0.00	43.08 1.70 0.00	39.27 1.58 0.00
NEWKRMKL_115KV_TB1 55635	43.22 0.72 0.00	37.69 0.96 0.00	34.57 1.01 0.00	33.13 0.90 0.00	32.11 0.84 0.00	33.69 0.92 0.00	42.81 0.80 0.00	47.19 0.70 0.00	38.72 0.53 0.00	35.71 0.46 0.00	32.83 0.42 0.00	33.96 0.37 0.00	34.50 0.31 0.00	35.62 0.25 0.00	36.16 0.36 0.00	38.33 0.53 0.00	44.24 0.48 0.00	48.69 0.53 0.00	57.55 0.68 0.00	55.87 0.66 0.00	49.36 0.63 0.00	44.38 0.53 0.00	42.00 0.62 0.00	38.29 0.60 0.00
NEWTON___FALLS_HYD 23847	42.92 0.42 0.00	37.10 0.37 0.00	34.00 0.44 0.00	32.84 0.61 0.00	31.76 0.50 0.00	33.39 0.62 0.00	43.19 1.18 0.00	47.47 0.98 0.00	38.65 0.46 0.00	35.46 0.21 0.00	32.57 0.16 0.00	33.69 0.10 0.00	34.29 0.10 0.00	35.55 0.18 0.00	35.63 -0.18 0.00	37.19 -0.60 0.00	43.01 -0.74 0.00	47.63 -0.53 0.00	56.81 -0.06 0.00	55.70 0.50 0.00	49.22 0.49 0.00	44.43 0.57 0.00	42.25 0.87 0.00	38.51 0.83 0.00
NGRID_A1_DSASP 323792	37.75 -3.44 1.30	33.87 -2.42 0.44	31.50 -2.05 0.02	30.55 -1.68 0.00	29.54 -1.72 0.00	30.74 -2.03 0.00	37.28 -3.61 1.12	40.95 -3.81 1.74	35.78 -2.41 0.00	32.99 -2.26 0.00	30.30 -2.11 0.00	31.88 -1.71 0.00	32.51 -1.68 0.00	33.54 -1.84 0.00	33.94 -1.86 0.00	34.96 -2.72 0.11	39.53 -3.28 0.94	44.43 -3.13 0.60	51.74 -3.64 1.48	50.69 -3.26 1.26	44.01 -3.17 1.55	39.89 -3.07 0.90	37.14 -3.19 1.05	34.49 -2.49 0.70
NGRID_A2_DSASP 323793	37.75 -3.44 1.30	33.87 -2.42 0.44	31.50 -2.05 0.02	30.55 -1.68 0.00	29.54 -1.72 0.00	30.74 -2.03 0.00	37.28 -3.61 1.12	40.95 -3.81 1.74	35.78 -2.41 0.00	32.99 -2.26 0.00	30.30 -2.11 0.00	31.88 -1.71 0.00	32.51 -1.68 0.00	33.54 -1.84 0.00	33.94 -1.86 0.00	34.96 -2.72 0.11	39.53 -3.28 0.94	44.43 -3.13 0.60	51.74 -3.64 1.48	50.69 -3.26 1.26	44.01 -3.17 1.55	39.89 -3.07 0.90	37.14 -3.19 1.05	34.49 -2.49 0.70
NGRID_A4_DSASP 323807	37.75 -3.44 1.30	33.87 -2.42 0.44	31.50 -2.05 0.02	30.55 -1.68 0.00	29.54 -1.72 0.00	30.74 -2.03 0.00	37.28 -3.61 1.12	40.95 -3.81 1.74	35.78 -2.41 0.00	32.99 -2.26 0.00	30.30 -2.11 0.00	31.88 -1.71 0.00	32.51 -1.68 0.00	33.54 -1.84 0.00	33.94 -1.86 0.00	34.96 -2.72 0.11	39.53 -3.28 0.94	44.43 -3.13 0.60	51.74 -3.64 1.48	50.69 -3.26 1.26	44.01 -3.17 1.55	39.89 -3.07 0.90	37.14 -3.19 1.05	34.49 -2.49 0.70
NIAGARA_115E_LBMP 323715	37.50 -3.70 1.29	33.58 -2.72 0.44	31.20 -2.35 0.02	30.26 -1.97 0.00	29.23 -2.03 0.00	30.54 -2.23 0.00	37.11 -3.78 1.12	41.33 -3.44 1.73	35.59 -2.60 0.00	32.85 -2.40 0.00	30.11 -2.30 0.00	31.68 -1.91 0.00	32.34 -1.85 0.00	33.40 -1.98 0.00	33.77 -2.04 0.00	34.85 -2.84 0.11	39.49 -3.33 0.94	44.44 -3.13 0.59	51.46 -3.92 1.48	50.37 -3.59 1.25	43.68 -3.51 1.54	39.72 -3.24 0.90	36.94 -3.39 1.05	34.16 -2.83 0.70
NIAGARA_115W_LBMP 323714	37.67 -3.53 1.30	33.83 -2.46 0.44	31.43 -2.11 0.02	30.49 -1.74 0.00	29.48 -1.78 0.00	30.71 -2.06 0.00	37.19 -3.70 1.12	41.50 -3.26 1.74	35.71 -2.48 0.00	32.92 -2.33 0.00	30.17 -2.24 0.00	31.75 -1.85 0.00	32.45 -1.74 0.00	33.50 -1.88 0.00	33.84 -1.97 0.00	34.93 -2.76 0.11	39.62 -3.19 0.95	44.53 -3.03 0.60	51.62 -3.75 1.49	50.52 -3.42 1.26	43.86 -3.32 1.56	39.80 -3.16 0.90	37.01 -3.31 1.05	34.23 -2.75 0.70
NIAGARA_230_LBMP 323716	37.99 -3.19 1.32	34.01 -2.28 0.45	31.57 -1.98 0.02	30.62 -1.61 0.00	29.58 -1.69 0.00	30.90 -1.87 0.00	37.60 -3.28 1.14	41.90 -2.84 1.76	36.01 -2.18 0.00	33.24 -2.01 0.00	30.46 -1.94 0.00	32.05 -1.54 0.00	32.75 -1.43 0.00	33.82 -1.56 0.00	34.16 -1.65 0.00	35.30 -2.38 0.11	40.00 -2.80 0.96	45.00 -2.55 0.60	52.18 -3.18 1.50	51.12 -2.81 1.28	44.33 -2.83 1.57	40.22 -2.72 0.91	37.42 -2.90 1.07	34.56 -2.41 0.71
NIAGARA___115KV_198_GIBSON 55903	37.67 -3.53 1.30	33.83 -2.46 0.44	31.47 -2.08 0.02	30.49 -1.74 0.00	29.51 -1.75 0.00	30.71 -2.06 0.00	37.19 -3.70 1.12	40.85 -3.91 1.74	35.71 -2.48 0.00	32.92 -2.33 0.00	30.24 -2.17 0.00	31.81 -1.78 0.00	32.45 -1.74 0.00	33.47 -1.91 0.00	33.87 -1.93 0.00	34.89 -2.80 0.11	39.44 -3.37 0.95	44.33 -3.23 0.60	51.68 -3.70 1.49	50.63 -3.31 1.26	43.91 -3.26 1.56	39.84 -3.11 0.90	37.06 -3.27 1.05	34.42 -2.56 0.70
NIAGARA____ 23760	38.01 -3.19 1.30	34.02 -2.28 0.44	31.57 -1.98 0.02	30.62 -1.61 0.00	29.58 -1.69 0.00	30.90 -1.87 0.00	37.61 -3.28 1.12	41.92 -2.84 1.74	36.01 -2.18 0.00	33.24 -2.01 0.00	30.46 -1.94 0.00	32.05 -1.54 0.00	32.75 -1.43 0.00	33.82 -1.56 0.00	34.16 -1.65 0.00	35.30 -2.38 0.11	40.01 -2.80 0.95	45.00 -2.55 0.60	52.19 -3.18 1.49	51.13 -2.81 1.26	44.34 -2.83 1.56	40.23 -2.72 0.91	37.43 -2.90 1.05	34.57 -2.41 0.70

NINE_MILE_1 23575	31.06 -1.57 9.86	32.13 -1.25 3.36	32.33 -1.11 0.13	31.20 -1.03 0.00	30.29 -0.97 0.00	31.69 -1.08 0.00	31.99 -1.51 8.51	31.69 -1.63 13.18	36.82 -1.37 0.00	33.94 -1.30 0.00	31.18 -1.23 0.00	32.38 -1.21 0.00	32.99 -1.20 0.00	34.10 -1.27 0.00	34.52 -1.29 0.00	35.54 -1.40 0.86	35.06 -1.53 7.16	41.94 -1.54 4.67	43.44 -1.76 11.66	43.60 -1.71 9.89	34.97 -1.56 12.20	35.32 -1.45 7.09	31.63 -1.49 8.26	30.81 -1.36 5.52
NINE_MILE_2 23744	30.93 -1.57 9.99	32.08 -1.25 3.40	32.33 -1.11 0.13	31.23 -1.00 0.00	30.29 -0.97 0.00	31.69 -1.08 0.00	31.88 -1.51 8.62	31.52 -1.63 13.35	36.82 -1.37 0.00	33.94 -1.30 0.00	31.18 -1.23 0.00	32.38 -1.21 0.00	32.99 -1.20 0.00	34.10 -1.27 0.00	34.52 -1.29 0.00	35.53 -1.40 0.87	34.97 -1.53 7.26	41.88 -1.54 4.74	43.28 -1.76 11.82	43.48 -1.71 10.02	34.86 -1.51 12.36	35.23 -1.45 7.18	31.52 -1.49 8.37	30.73 -1.36 5.59
NM_CAPITAL___DRP 24208	43.22 0.72 0.00	37.69 0.96 0.00	34.57 1.01 0.00	33.13 0.90 0.00	32.14 0.88 0.00	33.69 0.92 0.00	42.77 0.76 0.00	47.19 0.70 0.00	38.72 0.53 0.00	35.74 0.49 0.00	32.89 0.49 0.00	34.00 0.40 0.00	34.50 0.31 0.00	35.66 0.28 0.00	36.20 0.39 0.00	38.40 0.60 0.00	44.33 0.57 0.00	48.78 0.63 0.00	57.55 0.68 0.00	55.87 0.66 0.00	49.36 0.63 0.00	44.43 0.57 0.00	42.00 0.62 0.00	38.29 0.60 0.00
NM_CENTRAL___DRP 24181	41.25 -0.76 0.48	36.02 -0.55 0.16	33.12 -0.44 0.01	31.84 -0.39 0.00	30.89 -0.38 0.00	32.31 -0.46 0.00	40.89 -0.71 0.41	45.12 -0.74 0.64	37.50 -0.69 0.00	34.61 -0.63 0.00	31.76 -0.65 0.00	32.99 -0.60 0.00	33.61 -0.58 0.00	34.77 -0.60 0.00	35.16 -0.64 0.00	37.00 -0.76 0.04	42.67 -0.74 0.35	47.30 -0.63 0.24	55.76 -0.51 0.59	54.21 -0.50 0.50	47.58 -0.54 0.61	42.93 -0.57 0.36	40.30 -0.66 0.42	36.80 -0.60 0.28
NM_FRONTIER___DRP 24179	37.67 -3.53 1.30	33.83 -2.46 0.44	31.47 -2.08 0.02	30.49 -1.74 0.00	29.51 -1.75 0.00	30.71 -2.06 0.00	37.19 -3.70 1.12	40.85 -3.91 1.74	35.71 -2.48 0.00	32.92 -2.33 0.00	30.24 -2.17 0.00	31.81 -1.78 0.00	32.45 -1.74 0.00	33.47 -1.91 0.00	33.87 -1.93 0.00	34.89 -2.80 0.11	39.44 -3.37 0.95	44.33 -3.23 0.60	51.68 -3.70 1.49	50.63 -3.31 1.26	43.91 -3.26 1.56	39.84 -3.11 0.90	37.06 -3.27 1.05	34.42 -2.56 0.70
NM_ST_REGIS___HYD 24053	43.43 0.93 0.00	37.29 0.55 0.00	33.97 0.40 0.00	32.68 0.45 0.00	31.73 0.47 0.00	33.26 0.49 0.00	43.10 1.09 0.00	47.52 1.02 0.00	39.03 0.84 0.00	35.81 0.56 0.00	32.93 0.52 0.00	34.00 0.40 0.00	34.63 0.44 0.00	35.80 0.42 0.00	36.13 0.32 0.00	37.99 0.19 0.00	44.02 0.26 0.00	48.64 0.48 0.00	57.66 0.80 0.00	56.48 1.27 0.00	49.90 1.17 0.00	44.95 1.10 0.00	42.41 1.03 0.00	38.51 0.83 0.00
NORTHPORT___1 23551	45.77 3.27 -0.01	40.24 3.16 -0.34	36.26 2.69 -0.01	34.52 2.29 0.00	33.48 2.22 0.00	35.10 2.33 0.00	44.66 2.65 0.00	49.00 2.51 0.00	41.02 2.83 0.00	38.17 2.92 0.00	37.64 2.75 -2.48	39.47 2.89 -2.99	43.90 2.90 -6.80	43.65 3.04 -5.24	48.36 3.08 -9.47	48.92 3.44 -7.68	50.27 3.59 -2.92	51.33 3.04 -0.14	59.08 2.22 0.00	56.81 1.60 0.00	50.97 2.24 0.00	46.23 2.37 -0.01	43.94 2.57 0.00	40.10 2.41 0.00
NORTHPORT___2 23552	45.77 3.27 -0.01	40.24 3.16 -0.34	36.26 2.69 -0.01	34.52 2.29 0.00	33.48 2.22 0.00	35.10 2.33 0.00	44.66 2.65 0.00	49.00 2.51 0.00	41.02 2.83 0.00	38.17 2.92 0.00	37.64 2.75 -2.48	39.47 2.89 -2.99	43.90 2.90 -6.80	43.65 3.04 -5.24	48.36 3.08 -9.47	48.92 3.44 -7.68	50.27 3.59 -2.92	51.33 3.04 -0.14	59.08 2.22 0.00	56.81 1.60 0.00	50.97 2.24 0.00	46.23 2.37 -0.01	43.94 2.57 0.00	40.10 2.41 0.00
NORTHPORT___3 23553	45.77 3.27 -0.01	40.20 3.12 -0.34	36.22 2.65 -0.01	34.52 2.29 0.00	33.48 2.22 0.00	35.06 2.29 0.00	44.62 2.61 0.00	48.96 2.46 0.00	41.02 2.83 0.00	38.17 2.92 0.00	37.64 2.75 -2.48	39.44 2.85 -2.99	43.90 2.90 -6.80	43.69 3.08 -5.24	48.39 3.11 -9.47	48.92 3.44 -7.68	50.27 3.59 -2.92	51.28 2.99 -0.14	59.08 2.22 0.00	56.81 1.60 0.00	50.97 2.24 0.00	46.23 2.37 -0.01	43.90 2.52 0.00	40.06 2.38 0.00
NORTHPORT___4 23650	45.77 3.27 -0.01	40.20 3.12 -0.34	36.22 2.65 -0.01	34.52 2.29 0.00	33.48 2.22 0.00	35.06 2.29 0.00	44.62 2.61 0.00	48.96 2.46 0.00	41.02 2.83 0.00	38.17 2.92 0.00	37.64 2.75 -2.48	39.44 2.85 -2.99	43.90 2.90 -6.80	43.69 3.08 -5.24	48.39 3.11 -9.47	48.92 3.44 -7.68	50.27 3.59 -2.92	51.28 2.99 -0.14	59.08 2.22 0.00	56.81 1.60 0.00	50.97 2.24 0.00	46.23 2.37 -0.01	43.90 2.52 0.00	40.06 2.38 0.00
NORTHPORT___IC 23718	45.77 3.27 0.00	40.24 3.16 -0.34	36.32 2.75 0.00	34.52 2.29 0.00	33.42 2.16 0.00	35.13 2.36 0.00	44.66 2.65 0.00	49.38 2.88 0.00	41.02 2.83 0.00	38.21 2.96 0.00	37.64 2.75 -2.48	39.47 2.89 -2.99	43.90 2.91 -6.80	43.69 3.08 -5.24	48.39 3.12 -9.47	49.00 3.52 -7.68	50.40 3.72 -2.92	51.42 3.13 -0.14	58.63 1.76 0.00	55.87 0.66 0.00	50.29 1.56 0.00	46.31 2.46 0.00	43.78 2.40 0.00	39.76 2.07 0.00
NORTH___COUNTRY_ESR 323785	42.62 0.13 0.00	36.59 -0.15 0.00	33.40 -0.17 0.00	32.07 -0.16 0.00	31.14 -0.12 0.00	32.64 -0.13 0.00	42.22 0.21 0.00	46.59 0.09 0.00	38.34 0.15 0.00	35.28 0.04 0.00	32.41 0.00 0.00	33.49 -0.10 0.00	34.09 -0.10 0.00	35.23 -0.14 0.00	35.56 -0.25 0.00	37.42 -0.38 0.00	43.41 -0.35 0.00	47.77 -0.39 0.00	56.69 -0.17 0.00	55.21 0.00 0.00	48.83 0.10 0.00	44.03 0.18 0.00	41.63 0.25 0.00	37.87 0.19 0.00
NPX_GEN_1385_PROXY 323591	45.35 2.85 -0.01	39.98 2.90 -0.34	36.09 2.52 -0.01	34.52 2.29 0.00	33.58 2.31 0.00	35.16 2.39 0.00	44.66 2.65 0.00	47.49 1.81 0.82	41.64 2.63 -0.82	38.00 2.75 0.00	37.25 2.36 -2.48	38.90 2.32 -2.99	42.90 1.91 -6.80	41.84 2.02 -4.45	46.97 2.11 -9.05	48.38 2.46 -8.12	49.47 2.80 -2.91	51.23 2.94 -0.14	59.02 2.16 0.00	56.37 1.16 0.00	50.92 2.19 0.00	45.97 2.11 -0.01	43.90 2.52 0.00	40.02 2.34 0.00
NPX_GEN_CSC 323557	46.54 4.04 -0.01	41.19 4.11 -0.34	37.03 3.46 -0.01	35.23 3.00 0.00	34.24 2.97 0.00	35.82 3.05 0.00	45.54 3.53 0.00	49.17 3.49 0.82	42.64 3.63 -0.82	38.95 3.70 0.00	38.39 3.50 -2.48	40.28 3.70 -2.99	44.89 3.90 -6.80	44.08 3.47 -5.24	48.40 3.55 -9.05	50.19 4.27 -8.12	51.49 4.81 -2.92	62.81 4.38 -10.27	60.78 3.92 0.00	58.46 3.26 0.00	52.28 3.56 0.00	46.76 2.89 -0.01	44.65 3.27 0.00	40.92 3.24 0.00
NSINS_S_GLNS_FALLS 23858	44.07 1.57 0.00	38.28 1.54 0.00	35.18 1.61 0.00	33.71 1.48 0.00	32.61 1.34 0.00	34.31 1.54 0.00	43.73 1.72 0.00	47.98 1.49 0.00	38.95 0.76 0.00	35.67 0.42 0.00	32.57 0.16 0.00	33.66 0.07 0.00	34.02 -0.17 0.00	35.09 -0.28 0.00	35.59 -0.21 0.00	37.80 0.00 0.00	43.80 0.04 0.00	48.69 0.53 0.00	58.46 1.59 0.00	57.08 1.88 0.00	50.29 1.56 0.00	45.17 1.32 0.00	42.74 1.37 0.00	38.89 1.21 0.00

NUCOR_STEEL____DRP 24197	42.37 -0.13 0.00	36.73 0.00 0.00	33.63 0.07 0.00	32.36 0.13 0.00	31.36 0.09 0.00	32.84 0.07 0.00	41.93 -0.08 0.00	46.50 0.00 0.00	38.00 -0.19 0.00	35.00 -0.25 0.00	32.08 -0.32 0.00	33.32 -0.27 0.00	33.98 -0.21 0.00	35.13 -0.25 0.00	35.48 -0.32 0.00	37.42 -0.38 0.00	43.54 -0.22 0.00	48.06 -0.10 0.00	57.09 0.23 0.00	55.43 0.22 0.00	48.83 0.10 0.00	43.86 0.00 0.00	41.21 -0.17 0.00	37.49 -0.19 0.00
NUMBER_THREE_WT_PWR 323818	42.66 0.17 0.00	37.21 0.48 0.00	34.30 0.74 0.00	33.26 1.03 0.00	32.14 0.87 0.00	33.79 1.02 0.00	43.56 1.56 0.00	47.94 1.44 0.00	38.84 0.65 0.00	35.64 0.39 0.00	32.67 0.26 0.00	33.86 0.27 0.00	34.43 0.24 0.00	35.73 0.35 0.00	35.98 0.18 0.00	37.76 -0.04 0.00	43.71 -0.04 0.00	48.64 0.48 0.00	58.23 1.36 0.00	57.02 1.82 0.00	50.14 1.41 0.00	45.13 1.27 0.00	42.62 1.24 0.00	38.74 1.05 0.00
NYISO_LBMP_REFERENCE 24008	42.49 0.00 0.00	36.73 0.00 0.00	33.57 0.00 0.00	32.23 0.00 0.00	31.26 0.00 0.00	32.77 0.00 0.00	42.01 0.00 0.00	46.50 0.00 0.00	38.19 0.00 0.00	35.25 0.00 0.00	32.41 0.00 0.00	33.59 0.00 0.00	34.19 0.00 0.00	35.38 0.00 0.00	35.80 0.00 0.00	37.80 0.00 0.00	43.76 0.00 0.00	48.16 0.00 0.00	56.86 0.00 0.00	55.21 0.00 0.00	48.73 0.00 0.00	43.86 0.00 0.00	41.38 0.00 0.00	37.68 0.00 0.00
NYPA_BRENTWD____GT 24164	46.49 3.99 -0.01	40.86 3.78 -0.34	36.80 3.22 -0.01	35.03 2.80 0.00	33.98 2.72 0.00	35.62 2.85 0.00	45.29 3.28 0.00	49.75 3.25 0.00	41.63 3.44 0.00	38.77 3.52 0.00	38.20 3.31 -2.48	40.04 3.46 -2.99	44.55 3.56 -6.80	44.32 3.71 -5.24	49.11 3.83 -9.47	49.75 4.27 -7.68	51.32 4.64 -2.92	52.68 4.24 -0.28	60.51 3.64 0.00	58.18 2.98 0.00	52.04 3.32 0.00	46.98 3.11 -0.01	44.61 3.23 0.00	40.66 2.98 0.00
NYPA_GOWANUS____GT5 24156	45.55 3.06 0.00	39.56 2.83 0.00	35.75 2.18 0.00	34.10 1.87 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.07 2.06 0.00	48.59 2.09 0.00	40.33 2.14 0.00	37.54 2.29 0.00	34.72 2.30 -0.01	36.02 2.42 -0.01	36.73 2.53 -0.02	38.21 2.83 0.00	38.78 2.97 -0.01	41.20 3.40 0.00	47.47 3.72 0.00	50.90 2.74 0.00	58.79 1.93 0.01	56.69 1.49 0.01	50.09 1.36 0.00	45.48 1.62 0.00	43.04 1.66 0.00	39.34 1.66 0.00
NYPA_GOWANUS____GT6 24157	45.55 3.06 0.00	39.56 2.83 0.00	35.75 2.18 0.00	34.10 1.87 0.00	32.95 1.69 0.00	34.44 1.67 0.00	44.07 2.06 0.00	48.59 2.09 0.00	40.33 2.14 0.00	37.54 2.29 0.00	34.72 2.30 -0.01	36.02 2.42 -0.01	36.73 2.53 -0.02	38.21 2.83 0.00	38.78 2.97 -0.01	41.20 3.40 0.00	47.47 3.72 0.00	50.90 2.74 0.00	58.79 1.93 0.01	56.69 1.49 0.01	50.09 1.36 0.00	45.48 1.62 0.00	43.04 1.66 0.00	39.34 1.66 0.00
NYPA_HARLEM__RVR__GT1 24160	45.43 2.93 -0.01	39.50 2.76 -0.01	35.61 2.05 0.00	33.94 1.71 0.00	32.80 1.53 0.00	34.28 1.51 0.00	43.86 1.85 0.00	48.39 1.91 0.01	40.20 2.02 0.01	37.43 2.19 0.01	34.65 2.23 -0.01	35.92 2.32 -0.01	36.59 2.39 -0.01	38.14 2.76 0.00	38.68 2.87 -0.01	41.12 3.33 0.00	47.43 3.68 0.00	50.75 2.60 0.00	58.73 1.87 0.01	56.58 1.38 0.01	50.04 1.32 0.01	45.29 1.45 0.01	42.74 1.36 0.00	39.08 1.40 0.00
NYPA_HARLEM__RVR__GT2 24161	45.43 2.93 -0.01	39.50 2.76 -0.01	35.61 2.05 0.00	33.94 1.71 0.00	32.80 1.53 0.00	34.28 1.51 0.00	43.86 1.85 0.00	48.39 1.91 0.01	40.20 2.02 0.01	37.43 2.19 0.01	34.65 2.23 -0.01	35.92 2.32 -0.01	36.59 2.39 -0.01	38.14 2.76 0.00	38.68 2.87 -0.01	41.12 3.33 0.00	47.43 3.68 0.00	50.75 2.60 0.00	58.73 1.87 0.01	56.58 1.38 0.01	50.04 1.32 0.01	45.29 1.45 0.01	42.74 1.36 0.00	39.08 1.40 0.00
NYPA_KENT____GT 24152	45.42 2.93 0.00	39.49 2.76 0.00	35.72 2.15 0.00	34.06 1.84 0.00	32.92 1.66 0.00	34.44 1.67 0.00	44.07 2.06 0.00	48.64 2.14 0.00	40.40 2.21 0.00	37.61 2.36 0.00	34.75 2.33 -0.01	36.05 2.45 -0.01	36.80 2.60 -0.02	38.24 2.86 0.00	38.82 3.01 -0.01	41.24 3.44 0.00	47.47 3.72 0.00	50.94 2.79 0.00	58.90 2.04 0.01	56.74 1.54 0.01	50.14 1.41 0.00	45.48 1.62 0.00	43.04 1.66 0.00	39.34 1.66 0.00
NYPA_POUCH1____GT 24155	45.64 3.14 0.00	39.64 2.90 0.00	35.81 2.25 0.00	34.13 1.90 0.00	33.01 1.75 0.00	34.47 1.70 0.00	44.07 2.06 0.00	48.59 2.09 0.00	40.29 2.10 0.00	37.51 2.26 0.00	34.65 2.23 -0.01	35.95 2.35 -0.01	36.70 2.49 -0.02	38.14 2.76 0.00	38.71 2.90 -0.01	41.16 3.36 0.00	47.47 3.72 0.00	50.80 2.65 0.00	58.62 1.76 0.01	56.52 1.32 0.01	49.95 1.22 0.00	45.48 1.62 0.00	43.08 1.70 0.00	39.38 1.70 0.00
NYPA_VERNON____GT2 24162	45.30 2.80 0.00	39.41 2.68 0.00	35.65 2.08 0.00	34.03 1.80 0.00	32.92 1.66 0.00	34.47 1.70 0.00	44.11 2.10 0.00	48.73 2.23 0.00	40.48 2.29 0.00	37.68 2.43 0.00	34.81 2.40 -0.01	36.12 2.52 -0.01	36.84 2.63 -0.02	38.28 2.90 0.00	38.85 3.04 -0.01	41.24 3.44 0.00	47.47 3.72 0.00	50.94 2.79 0.00	58.96 2.11 0.01	56.80 1.60 0.01	50.24 1.51 0.00	45.52 1.67 0.00	43.04 1.66 0.00	39.30 1.62 0.00
NYPA_VERNON____GT3 24163	45.30 2.80 0.00	39.41 2.68 0.00	35.65 2.08 0.00	34.03 1.80 0.00	32.92 1.66 0.00	34.47 1.70 0.00	44.11 2.10 0.00	48.73 2.23 0.00	40.48 2.29 0.00	37.68 2.43 0.00	34.81 2.40 -0.01	36.12 2.52 -0.01	36.84 2.63 -0.02	38.28 2.90 0.00	38.85 3.04 -0.01	41.24 3.44 0.00	47.47 3.72 0.00	50.94 2.79 0.00	58.96 2.11 0.01	56.80 1.60 0.01	50.24 1.51 0.00	45.52 1.67 0.00	43.04 1.66 0.00	39.30 1.62 0.00
NYPA__ASTORIA_CC1 323568	45.30 2.80 0.00	39.38 2.65 0.00	35.65 2.08 0.00	34.00 1.77 0.00	32.89 1.62 0.00	34.41 1.64 0.00	44.03 2.02 0.00	48.63 2.14 0.01	40.40 2.21 0.00	37.61 2.36 0.00	34.78 2.36 -0.01	36.09 2.49 -0.01	36.77 2.57 -0.02	38.24 2.86 0.00	38.78 2.97 -0.01	41.20 3.40 0.00	47.43 3.68 0.00	50.85 2.70 0.00	50.55 1.99 8.30	50.23 1.49 6.47	50.13 1.41 0.01	45.47 1.62 0.01	42.99 1.61 0.00	39.27 1.58 0.00
NYPA__ASTORIA_CC2 323569	45.30 2.80 0.00	39.38 2.65 0.00	35.65 2.08 0.00	34.00 1.77 0.00	32.89 1.62 0.00	34.41 1.64 0.00	44.03 2.02 0.00	48.63 2.14 0.01	40.40 2.21 0.00	37.61 2.36 0.00	34.78 2.36 -0.01	36.09 2.49 -0.01	36.77 2.57 -0.02	38.24 2.86 0.00	38.78 2.97 -0.01	41.20 3.40 0.00	47.43 3.68 0.00	50.85 2.70 0.00	50.55 1.99 8.30	50.23 1.49 6.47	50.13 1.41 0.01	45.47 1.62 0.01	42.99 1.61 0.00	39.27 1.58 0.00
NYPA__HOLTSVILL 23794	46.24 3.74 -0.01	40.79 3.71 -0.34	36.70 3.12 -0.01	34.94 2.71 0.00	33.92 2.66 0.00	35.49 2.72 0.00	45.16 3.15 0.00	49.56 3.07 0.00	41.51 3.32 0.00	38.63 3.38 0.00	38.10 3.21 -2.48	39.94 3.36 -2.99	44.48 3.49 -6.80	44.08 3.47 -5.24	48.86 3.58 -9.47	49.60 4.12 -7.68	51.11 4.42 -2.93	53.69 3.95 -1.58	60.27 3.41 0.00	57.96 2.76 0.00	51.85 3.12 0.00	46.71 2.85 -0.01	44.44 3.06 0.00	40.55 2.86 0.00

NYPA_____HELLGATE_GT1 24158	45.43 2.93 -0.01	39.50 2.76 -0.01	35.61 2.05 0.00	33.94 1.71 0.00	32.80 1.53 0.00	34.28 1.51 0.00	43.86 1.85 0.00	48.39 1.91 0.01	40.20 2.02 0.01	37.43 2.19 0.01	34.65 2.23 -0.01	35.92 2.32 -0.01	36.59 2.39 -0.01	38.14 2.76 0.00	38.68 2.87 -0.01	41.12 3.33 0.00	47.43 3.68 0.00	50.75 2.60 0.00	58.73 1.87 0.01	56.58 1.38 0.01	50.04 1.32 0.01	45.29 1.45 0.01	42.74 1.36 0.00	39.08 1.40 0.00
NYPA_____HELLGATE_GT2 24159	45.43 2.93 -0.01	39.50 2.76 -0.01	35.61 2.05 0.00	33.94 1.71 0.00	32.80 1.53 0.00	34.28 1.51 0.00	43.86 1.85 0.00	48.39 1.91 0.01	40.20 2.02 0.01	37.43 2.19 0.01	34.65 2.23 -0.01	35.92 2.32 -0.01	36.59 2.39 -0.01	38.14 2.76 0.00	38.68 2.87 -0.01	41.12 3.33 0.00	47.43 3.68 0.00	50.75 2.60 0.00	58.73 1.87 0.01	56.58 1.38 0.01	50.04 1.32 0.01	45.29 1.45 0.01	42.74 1.36 0.00	39.08 1.40 0.00
NYS_BARGE___HYD 23848	38.13 -3.06 1.30	34.12 -2.17 0.44	31.70 -1.85 0.02	30.78 -1.45 0.00	29.70 -1.56 0.00	31.03 -1.74 0.00	37.78 -3.11 1.12	42.11 -2.65 1.74	36.16 -2.03 0.00	33.34 -1.90 0.00	30.56 -1.85 0.00	32.15 -1.44 0.00	32.85 -1.33 0.00	33.92 -1.45 0.00	34.30 -1.50 0.00	35.38 -2.31 0.11	40.14 -2.67 0.95	45.20 -2.36 0.60	52.42 -2.96 1.49	51.30 -2.65 1.26	44.49 -2.68 1.55	40.41 -2.54 0.90	37.59 -2.73 1.05	34.68 -2.30 0.70
OAK ORCHARD___HYD 24046	39.48 -1.61 1.40	35.16 -1.10 0.48	32.64 -0.90 0.02	31.62 -0.61 0.00	30.55 -0.72 0.00	32.02 -0.75 0.00	39.25 -1.55 1.21	43.47 -1.16 1.87	37.20 -0.99 0.00	34.26 -0.99 0.00	31.47 -0.94 0.00	32.95 -0.64 0.00	33.64 -0.55 0.00	34.74 -0.64 0.00	35.09 -0.72 0.00	36.43 -1.25 0.12	41.52 -1.22 1.02	46.66 -0.87 0.63	54.43 -0.85 1.58	53.15 -0.72 1.34	46.20 -0.88 1.65	41.97 -0.92 0.96	39.06 -1.20 1.12	35.88 -1.05 0.75
OAKDALE__35_KV_LOAD 356122	41.61 -0.55 0.33	36.33 -0.29 0.11	33.36 -0.20 0.00	32.10 -0.13 0.00	31.11 -0.16 0.00	32.57 -0.20 0.00	41.14 -0.59 0.29	45.54 -0.51 0.44	37.77 -0.42 0.00	34.93 -0.32 0.00	32.05 -0.36 0.00	33.36 -0.24 0.00	34.02 -0.17 0.00	35.20 -0.18 0.00	35.63 -0.18 0.00	37.50 -0.26 0.03	43.25 -0.26 0.24	47.95 -0.05 0.16	56.58 0.11 0.40	55.14 0.28 0.34	48.26 -0.05 0.42	43.44 -0.18 0.24	40.77 -0.33 0.28	37.19 -0.30 0.19
OCC_CHEM___DRP 24175	37.75 -3.44 1.30	33.87 -2.42 0.44	31.50 -2.05 0.02	30.55 -1.68 0.00	29.54 -1.72 0.00	30.74 -2.03 0.00	37.28 -3.61 1.12	40.95 -3.81 1.74	35.78 -2.41 0.00	32.99 -2.26 0.00	30.30 -2.11 0.00	31.88 -1.71 0.00	32.51 -1.68 0.00	33.54 -1.84 0.00	33.94 -1.86 0.00	34.96 -2.72 0.11	39.53 -3.28 0.94	44.43 -3.13 0.60	51.74 -3.64 1.48	50.69 -3.26 1.26	44.01 -3.17 1.55	39.89 -3.07 0.90	37.14 -3.19 1.05	34.49 -2.49 0.70
OH_GEN_PROXY 24063	38.04 -3.14 1.31	34.01 -2.28 0.45	31.60 -1.95 0.02	30.65 -1.58 0.00	29.61 -1.66 0.00	30.94 -1.83 0.00	37.64 -3.23 1.13	41.18 -2.74 2.57	36.91 -2.10 -0.82	33.31 -1.94 0.00	30.53 -1.88 0.00	32.12 -1.48 0.00	32.79 -1.40 0.00	33.86 -1.52 0.00	33.81 -1.57 0.42	35.82 -2.31 -0.32	40.12 -2.67 0.97	45.15 -2.41 0.60	52.40 -2.96 1.50	51.23 -2.70 1.27	44.43 -2.73 1.57	40.32 -2.63 0.91	37.50 -2.82 1.06	34.60 -2.37 0.71
OLIN_CORP_DRP 24177	37.59 -3.61 1.29	33.65 -2.64 0.44	31.30 -2.25 0.02	30.36 -1.87 0.00	29.29 -1.97 0.00	30.61 -2.16 0.00	37.20 -3.70 1.11	40.87 -3.91 1.72	35.67 -2.52 0.00	32.92 -2.33 0.00	30.24 -2.17 0.00	31.78 -1.81 0.00	32.41 -1.78 0.00	33.43 -1.95 0.00	33.84 -1.97 0.00	34.89 -2.80 0.11	39.45 -3.37 0.94	44.34 -3.23 0.59	51.64 -3.75 1.47	50.59 -3.37 1.25	43.88 -3.31 1.54	39.85 -3.11 0.89	36.98 -3.35 1.04	34.42 -2.56 0.70
OLIN_CORP_DSASP 323712	37.75 -3.44 1.30	33.87 -2.42 0.44	31.50 -2.05 0.02	30.55 -1.68 0.00	29.54 -1.72 0.00	30.74 -2.03 0.00	37.28 -3.61 1.12	40.95 -3.81 1.74	35.78 -2.41 0.00	32.99 -2.26 0.00	30.30 -2.11 0.00	31.88 -1.71 0.00	32.51 -1.68 0.00	33.54 -1.84 0.00	33.94 -1.86 0.00	34.96 -2.72 0.11	39.53 -3.28 0.94	44.43 -3.13 0.60	51.74 -3.64 1.48	50.69 -3.26 1.26	44.01 -3.17 1.55	39.89 -3.07 0.90	37.14 -3.19 1.05	34.49 -2.49 0.70
ONEIDA_HERK_LFGE 323681	43.01 0.51 0.00	37.36 0.62 0.00	34.27 0.71 0.00	33.07 0.84 0.00	31.98 0.72 0.00	33.59 0.82 0.00	43.14 1.13 0.00	47.57 1.07 0.00	38.72 0.53 0.00	35.64 0.39 0.00	32.67 0.26 0.00	33.89 0.30 0.00	34.46 0.27 0.00	35.73 0.35 0.00	36.13 0.32 0.00	37.99 0.19 0.00	43.98 0.22 0.00	48.78 0.62 0.00	58.11 1.25 0.00	56.70 1.49 0.00	49.90 1.17 0.00	44.87 1.01 0.00	42.29 0.91 0.00	38.48 0.79 0.00
ONEIDA___115KV_TB4 55905	42.92 0.68 0.25	37.35 0.70 0.09	34.30 0.74 0.00	33.00 0.77 0.00	31.95 0.69 0.00	33.52 0.75 0.00	42.76 0.97 0.22	47.09 0.93 0.34	38.65 0.46 0.00	35.60 0.35 0.00	32.64 0.23 0.00	33.86 0.27 0.00	34.46 0.27 0.00	35.73 0.35 0.00	36.13 0.32 0.00	37.96 0.19 0.02	43.88 0.31 0.18	48.75 0.72 0.13	57.80 1.25 0.32	56.37 1.44 0.27	49.52 1.12 0.33	44.59 0.92 0.19	41.90 0.74 0.22	38.17 0.64 0.15
ONONDAGA_REF_OCCRA 23987	41.60 -0.59 0.30	36.23 -0.40 0.10	33.26 -0.30 0.00	31.97 -0.26 0.00	31.01 -0.25 0.00	32.48 -0.29 0.00	41.21 -0.55 0.26	45.54 -0.56 0.40	37.65 -0.53 0.00	34.72 -0.53 0.00	31.86 -0.55 0.00	33.09 -0.50 0.00	33.71 -0.48 0.00	34.88 -0.50 0.00	35.27 -0.54 0.00	37.13 -0.64 0.03	42.97 -0.57 0.22	47.62 -0.39 0.16	56.25 -0.23 0.39	54.65 -0.22 0.33	48.03 -0.29 0.41	43.27 -0.35 0.24	40.61 -0.50 0.28	37.05 -0.45 0.18
ONONDAGA___COGEN 23986	42.33 -0.42 -0.26	36.53 -0.29 -0.09	33.37 -0.20 0.00	32.07 -0.16 0.00	31.11 -0.16 0.00	32.57 -0.20 0.00	41.82 -0.42 -0.23	46.48 -0.37 -0.35	37.73 -0.46 0.00	34.79 -0.46 0.00	31.92 -0.49 0.00	33.12 -0.47 0.00	33.78 -0.41 0.00	34.95 -0.42 0.00	35.30 -0.50 0.00	37.25 -0.57 -0.02	43.42 -0.53 -0.19	47.92 -0.34 -0.10	56.99 -0.11 -0.24	55.30 -0.11 -0.20	48.78 -0.19 -0.25	43.74 -0.26 -0.15	41.18 -0.37 -0.17	37.42 -0.38 -0.11
ONTARIO___LFGE 23819	41.23 -0.47 0.80	36.24 -0.22 0.27	33.45 -0.10 0.01	32.26 0.03 0.00	31.26 0.00 0.00	32.74 -0.03 0.00	40.94 -0.38 0.69	45.38 -0.05 1.07	37.84 -0.34 0.00	34.86 -0.39 0.00	31.86 -0.55 0.00	33.22 -0.37 0.00	33.95 -0.24 0.00	35.09 -0.28 0.00	35.45 -0.36 0.00	37.12 -0.61 0.07	42.74 -0.44 0.58	47.69 -0.10 0.37	55.95 0.00 0.92	54.48 0.06 0.78	47.72 -0.05 0.96	43.39 0.09 0.56	40.48 -0.25 0.65	36.99 -0.26 0.43
ORANGEVILLE_WT_PWR 323706	39.34 -2.08 1.08	34.97 -1.40 0.37	32.41 -1.14 0.01	31.39 -0.84 0.00	30.36 -0.91 0.00	31.69 -1.08 0.00	39.02 -2.06 0.93	43.34 -1.72 1.44	36.66 -1.53 0.00	33.77 -1.48 0.00	30.89 -1.52 0.00	32.42 -1.18 0.00	33.16 -1.02 0.00	34.24 -1.13 0.00	34.66 -1.15 0.00	35.93 -1.78 0.09	40.96 -2.01 0.78	46.12 -1.54 0.49	54.04 -1.59 1.23	53.00 -1.16 1.05	46.02 -1.41 1.29	41.62 -1.49 0.75	38.73 -1.78 0.87	35.59 -1.51 0.58

ORANGEVILLE___ESR 323794	39.34 -2.08 1.08	34.97 -1.40 0.37	32.41 -1.14 0.01	31.39 -0.84 0.00	30.36 -0.91 0.00	31.69 -1.08 0.00	39.02 -2.06 0.93	43.34 -1.72 1.44	36.66 -1.53 0.00	33.77 -1.48 0.00	30.89 -1.52 0.00	32.42 -1.18 0.00	33.16 -1.02 0.00	34.24 -1.13 0.00	34.66 -1.15 0.00	35.93 -1.78 0.09	40.96 -2.01 0.78	46.12 -1.54 0.49	54.04 -1.59 1.23	53.00 -1.16 1.05	46.02 -1.41 1.29	41.62 -1.49 0.75	38.73 -1.78 0.87	35.59 -1.51 0.58
OSWEGATCHIE___HYD 24044	42.92 0.42 0.00	37.10 0.37 0.00	34.03 0.47 0.00	32.84 0.61 0.00	31.76 0.50 0.00	33.39 0.62 0.00	43.18 1.17 0.00	47.52 1.02 0.00	38.65 0.46 0.00	35.46 0.21 0.00	32.57 0.16 0.00	33.69 0.10 0.00	34.29 0.10 0.00	35.55 0.18 0.00	35.63 -0.18 0.00	37.23 -0.57 0.00	43.06 -0.70 0.00	47.63 -0.53 0.00	56.92 0.06 0.00	55.70 0.50 0.00	49.22 0.49 0.00	44.43 0.57 0.00	42.25 0.87 0.00	38.48 0.79 0.00
OSWEGO___5 23606	45.22 -1.23 -3.96	37.09 -0.99 -1.35	32.74 -0.87 -0.05	31.45 -0.77 0.00	30.51 -0.75 0.00	31.95 -0.82 0.00	44.21 -1.22 -3.42	50.54 -1.25 -5.29	37.08 -1.11 0.00	34.22 -1.02 0.00	31.40 -1.00 0.00	32.62 -0.98 0.00	33.23 -0.96 0.00	34.39 -0.99 0.00	34.77 -1.04 0.00	37.01 -1.13 -0.35	45.41 -1.22 -2.88	48.83 -1.20 -1.88	60.24 -1.31 -4.68	57.90 -1.27 -3.97	52.45 -1.17 -4.89	45.61 -1.09 -2.84	43.53 -1.16 -3.31	38.84 -1.05 -2.22
OSWEGO___6 23613	45.22 -1.23 -3.96	37.09 -0.99 -1.35	32.74 -0.87 -0.05	31.45 -0.77 0.00	30.51 -0.75 0.00	31.95 -0.82 0.00	44.21 -1.22 -3.42	50.54 -1.25 -5.29	37.08 -1.11 0.00	34.22 -1.02 0.00	31.40 -1.00 0.00	32.62 -0.98 0.00	33.23 -0.96 0.00	34.39 -0.99 0.00	34.77 -1.04 0.00	37.01 -1.13 -0.35	45.41 -1.22 -2.88	48.83 -1.20 -1.88	60.24 -1.31 -4.68	57.90 -1.27 -3.97	52.45 -1.17 -4.89	45.61 -1.09 -2.84	43.53 -1.16 -3.31	38.84 -1.05 -2.22
OUTOKUMPU-AB___DRP 24206	38.50 -2.72 1.28	34.43 -1.87 0.43	32.04 -1.51 0.02	31.07 -1.16 0.00	30.01 -1.25 0.00	31.30 -1.47 0.00	38.13 -2.77 1.10	41.91 -2.88 1.71	36.47 -1.72 0.00	33.63 -1.62 0.00	30.89 -1.52 0.00	32.52 -1.07 0.00	33.16 -1.03 0.00	34.21 -1.17 0.00	34.62 -1.18 0.00	35.68 -2.00 0.11	40.34 -2.49 0.93	45.36 -2.22 0.58	52.90 -2.50 1.46	51.82 -2.15 1.24	44.96 -2.24 1.53	40.73 -2.24 0.89	37.86 -2.48 1.03	35.11 -1.88 0.69
OXBOW___BTM 323836	38.19 -3.02 1.29	34.20 -2.09 0.44	31.77 -1.78 0.02	30.84 -1.38 0.00	29.80 -1.47 0.00	31.07 -1.71 0.00	37.79 -3.11 1.11	42.13 -2.65 1.72	36.16 -2.03 0.00	33.38 -1.87 0.00	30.59 -1.81 0.00	32.18 -1.41 0.00	32.89 -1.30 0.00	33.96 -1.42 0.00	34.34 -1.47 0.00	35.46 -2.23 0.11	40.15 -2.67 0.94	45.16 -2.41 0.59	52.38 -3.02 1.47	51.25 -2.70 1.25	44.51 -2.68 1.54	40.38 -2.59 0.89	37.52 -2.82 1.04	34.65 -2.34 0.70
OXBOW___ 24026	38.19 -3.02 1.29	34.20 -2.09 0.44	31.84 -1.71 0.02	30.84 -1.39 0.00	29.83 -1.44 0.00	31.07 -1.70 0.00	37.79 -3.11 1.11	41.52 -3.25 1.72	36.17 -2.02 0.00	33.38 -1.87 0.00	30.66 -1.75 0.00	32.25 -1.34 0.00	32.89 -1.30 0.00	33.93 -1.45 0.00	34.34 -1.47 0.00	35.38 -2.31 0.11	39.98 -2.84 0.94	44.97 -2.60 0.59	52.43 -2.96 1.47	51.36 -2.59 1.25	44.56 -2.63 1.54	40.38 -2.59 0.89	37.56 -2.77 1.04	34.84 -2.15 0.70
OXY_CHEM_DSASP 323612	37.75 -3.44 1.30	33.87 -2.42 0.44	31.50 -2.05 0.02	30.55 -1.68 0.00	29.54 -1.72 0.00	30.74 -2.03 0.00	37.28 -3.61 1.12	40.95 -3.81 1.74	35.78 -2.41 0.00	32.99 -2.26 0.00	30.30 -2.11 0.00	31.88 -1.71 0.00	32.51 -1.68 0.00	33.54 -1.84 0.00	33.94 -1.86 0.00	34.96 -2.72 0.11	39.53 -3.28 0.94	44.43 -3.13 0.60	51.74 -3.64 1.48	50.69 -3.26 1.26	44.01 -3.17 1.55	39.89 -3.07 0.90	37.14 -3.19 1.05	34.49 -2.49 0.70
OZONE_PARK_ESR 323760	45.60 3.10 0.00	39.67 2.94 0.00	35.98 2.42 0.00	34.29 2.06 0.00	33.17 1.91 0.00	34.84 2.06 0.00	44.61 2.60 0.00	49.56 3.07 0.00	40.98 2.79 0.00	38.10 2.86 0.00	35.20 2.79 -0.01	36.52 2.92 -0.01	37.25 3.04 -0.02	38.74 3.36 0.00	39.29 3.47 -0.01	41.73 3.93 0.00	48.00 4.24 0.00	51.72 3.56 0.00	60.10 3.24 0.00	57.74 2.54 0.00	51.02 2.29 0.00	46.14 2.28 0.00	43.57 2.19 0.00	39.64 1.96 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	37.75 -3.44 1.30	33.87 -2.42 0.44	31.50 -2.05 0.02	30.55 -1.68 0.00	29.54 -1.72 0.00	30.74 -2.03 0.00	37.28 -3.61 1.12	40.95 -3.81 1.74	35.78 -2.41 0.00	32.99 -2.26 0.00	30.30 -2.11 0.00	31.88 -1.71 0.00	32.51 -1.68 0.00	33.54 -1.84 0.00	33.94 -1.86 0.00	34.96 -2.72 0.11	39.53 -3.28 0.94	44.43 -3.13 0.60	51.74 -3.64 1.48	50.69 -3.26 1.26	44.01 -3.17 1.55	39.89 -3.07 0.90	37.14 -3.19 1.05	34.49 -2.49 0.70
PACKARD__115KV_DUPONT_184 80571	37.75 -3.44 1.30	33.87 -2.43 0.44	31.47 -2.08 0.02	30.55 -1.68 0.00	29.54 -1.72 0.00	30.74 -2.03 0.00	37.28 -3.61 1.12	41.60 -3.16 1.74	35.74 -2.44 0.00	32.99 -2.26 0.00	30.24 -2.17 0.00	31.81 -1.78 0.00	32.51 -1.67 0.00	33.57 -1.80 0.00	33.91 -1.90 0.00	35.00 -2.68 0.11	39.66 -3.15 0.94	44.62 -2.94 0.60	51.74 -3.64 1.48	50.64 -3.31 1.26	43.96 -3.22 1.55	39.88 -3.07 0.90	37.10 -3.23 1.05	34.31 -2.67 0.70
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	45.43 2.93 -0.01	39.53 2.79 -0.01	35.71 2.15 0.00	34.00 1.77 0.00	32.89 1.63 0.00	34.38 1.61 0.00	43.94 1.93 0.00	48.73 2.23 0.00	40.25 2.06 0.00	37.50 2.26 0.00	34.68 2.27 -0.01	35.99 2.39 -0.01	36.67 2.46 -0.02	38.28 2.90 0.00	38.75 2.94 -0.01	41.24 3.44 0.00	47.56 3.81 0.00	50.90 2.74 0.00	58.96 2.10 0.01	56.69 1.49 0.01	50.14 1.41 0.00	45.31 1.45 0.00	42.87 1.49 0.00	39.12 1.43 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	46.24 3.74 -0.01	40.23 3.49 -0.01	36.35 2.79 0.00	34.58 2.35 0.00	33.45 2.19 0.00	34.93 2.16 0.00	44.70 2.69 0.00	49.52 3.02 0.00	40.90 2.71 0.00	38.07 2.82 0.00	35.20 2.79 -0.01	36.52 2.92 -0.01	37.18 2.97 -0.02	38.84 3.47 0.00	39.32 3.51 -0.01	41.80 4.01 0.00	48.31 4.55 0.00	51.67 3.52 0.00	59.87 3.01 0.01	57.57 2.37 0.01	50.87 2.14 0.00	45.92 2.06 0.00	43.49 2.11 0.00	39.68 2.00 0.00
PATROON__115KV_TB1 80586	43.30 0.81 0.00	37.76 1.03 0.00	34.64 1.07 0.00	33.20 0.97 0.00	32.17 0.91 0.00	33.75 0.98 0.00	42.89 0.88 0.00	47.29 0.79 0.00	38.80 0.61 0.00	35.78 0.53 0.00	32.89 0.49 0.00	34.00 0.40 0.00	34.53 0.34 0.00	35.69 0.32 0.00	36.23 0.43 0.00	38.40 0.60 0.00	44.33 0.57 0.00	48.78 0.63 0.00	57.72 0.85 0.00	56.03 0.83 0.00	49.46 0.73 0.00	44.52 0.66 0.00	42.08 0.70 0.00	38.36 0.68 0.00
PATTRSNVILLE___SOLAR 323815	43.64 1.15 0.00	37.87 1.14 0.00	34.71 1.14 0.00	33.26 1.03 0.00	32.26 1.00 0.00	33.85 1.08 0.00	43.23 1.22 0.00	47.52 1.02 0.00	38.53 0.34 0.00	35.25 0.00 0.00	32.31 -0.10 0.00	33.39 -0.20 0.00	33.91 -0.27 0.00	35.06 -0.32 0.00	35.56 -0.25 0.00	37.72 -0.08 0.00	43.85 0.09 0.00	48.74 0.58 0.00	58.17 1.31 0.00	56.64 1.43 0.00	49.95 1.22 0.00	44.91 1.05 0.00	42.37 0.99 0.00	38.55 0.87 0.00

PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	38.84 -2.42 1.23	34.62 -1.69 0.42	32.21 -1.34 0.02	31.20 -1.03 0.00	30.14 -1.13 0.00	31.49 -1.28 0.00	38.55 -2.39 1.06	42.25 -2.60 1.65	36.59 -1.60 0.00	33.77 -1.48 0.00	31.01 -1.39 0.00	32.69 -0.91 0.00	33.33 -0.85 0.00	34.39 -0.99 0.00	34.84 -0.97 0.00	35.99 -1.70 0.11	40.63 -2.23 0.90	45.67 -1.93 0.56	53.41 -2.05 1.41	52.24 -1.77 1.19	45.31 -1.95 1.47	40.98 -2.02 0.86	38.06 -2.32 1.00	35.36 -1.66 0.67
PAWLING_115_KV_BK3_REV_LBMP_H 345028	45.04 2.55 0.00	39.23 2.50 0.00	35.65 2.08 0.00	34.03 1.80 0.00	32.95 1.69 0.00	34.57 1.80 0.00	44.15 2.14 0.00	49.24 2.74 0.00	40.90 2.71 0.00	37.96 2.71 0.00	35.00 2.59 0.00	36.18 2.59 0.00	36.82 2.63 0.00	38.24 2.87 0.00	38.71 2.90 0.00	40.67 2.87 0.00	46.95 3.19 0.00	51.00 2.84 0.00	59.93 3.07 0.00	57.74 2.54 0.00	50.82 2.10 0.00	45.79 1.93 0.00	43.20 1.82 0.00	39.30 1.62 0.00
PEEKSKILL____ 23653	44.70 2.21 0.00	38.86 2.13 0.00	35.31 1.74 0.00	33.74 1.52 0.00	32.67 1.41 0.00	34.25 1.48 0.00	43.77 1.76 0.00	48.40 1.91 0.00	40.14 1.95 0.00	37.29 2.04 0.00	34.39 1.98 0.00	35.68 2.08 0.00	36.38 2.19 0.00	37.75 2.37 0.00	38.31 2.51 0.00	40.59 2.80 0.00	46.73 2.98 0.00	50.66 2.50 0.00	59.14 2.28 0.00	57.02 1.82 0.00	50.24 1.51 0.00	45.30 1.45 0.00	42.83 1.45 0.00	39.08 1.40 0.00
PGE MADISON____WINDPWR 24146	44.25 2.00 0.24	38.56 1.91 0.08	35.41 1.85 0.00	34.10 1.87 0.00	32.95 1.69 0.00	34.64 1.87 0.00	44.07 2.27 0.21	48.55 2.37 0.32	39.45 1.26 0.00	36.09 0.85 0.00	32.93 0.52 0.00	34.23 0.64 0.00	34.84 0.65 0.00	36.15 0.78 0.00	36.63 0.82 0.00	38.23 0.45 0.02	44.42 0.83 0.17	50.05 2.02 0.13	60.12 3.58 0.32	58.96 4.03 0.27	51.56 3.17 0.34	46.38 2.72 0.20	43.42 2.28 0.23	39.49 1.96 0.15
PIERCEFIELD____HYD 23852	42.96 0.47 0.00	36.88 0.15 0.00	33.67 0.10 0.00	32.42 0.19 0.00	31.42 0.16 0.00	32.97 0.20 0.00	42.81 0.80 0.00	47.05 0.56 0.00	38.53 0.34 0.00	35.39 0.14 0.00	32.54 0.13 0.00	33.66 0.07 0.00	34.26 0.07 0.00	35.45 0.07 0.00	35.38 -0.43 0.00	36.89 -0.91 0.00	42.53 -1.23 0.00	46.71 -1.44 0.00	55.50 -1.36 0.00	54.32 -0.88 0.00	48.29 -0.44 0.00	43.77 -0.09 0.00	41.83 0.46 0.00	38.25 0.57 0.00
PINELAWN_CC_1 323563	46.15 3.65 0.00	40.53 3.45 -0.34	36.55 2.99 0.00	34.74 2.51 0.00	33.64 2.38 0.00	35.36 2.59 0.00	44.95 2.94 0.00	49.75 3.25 0.00	41.32 3.13 0.00	38.46 3.21 0.00	37.90 3.01 -2.48	39.74 3.16 -2.99	44.21 3.21 -6.80	44.08 3.47 -5.24	48.82 3.54 -9.47	49.49 4.01 -7.68	51.06 4.38 -2.92	52.29 3.95 -0.18	59.82 2.96 0.00	57.08 1.88 0.00	51.07 2.34 0.00	46.71 2.85 0.00	44.11 2.73 0.00	40.06 2.37 0.00
PJM_GEN_HTP_PROXY 323702	45.04 2.55 0.00	39.20 2.46 0.00	35.54 1.98 0.00	33.94 1.71 0.00	32.86 1.59 0.00	34.47 1.70 0.00	44.15 2.14 0.00	47.95 2.28 0.82	41.34 2.33 -0.82	37.68 2.43 0.00	34.77 2.36 0.01	36.11 2.52 0.01	36.81 2.63 0.02	38.24 2.86 0.00	38.35 2.97 0.43	41.64 3.40 -0.44	47.28 3.54 0.02	51.20 3.04 0.00	59.48 2.62 0.00	57.30 2.10 0.00	50.48 1.75 0.00	45.57 1.71 0.00	43.08 1.70 0.00	39.27 1.58 0.00
PJM_GEN_KEystone 24065	35.90 -0.13 6.47	30.98 0.18 5.94	28.22 0.13 5.48	26.50 0.13 5.86	27.00 0.03 4.30	32.20 0.03 0.60	40.61 -0.34 1.06	42.68 -0.14 3.68	39.12 0.11 -0.82	35.60 0.35 0.00	32.70 0.29 0.00	34.16 0.57 0.00	34.87 0.68 0.00	36.12 0.74 0.00	36.21 0.82 0.42	38.91 0.72 -0.40	44.07 0.70 0.38	48.51 0.58 0.23	56.58 0.29 0.57	57.17 0.17 -1.80	45.60 -0.24 2.89	41.60 -0.35 1.91	36.20 -0.45 4.72	32.00 -0.34 5.34
PJM_GEN_NEPTUNE_PROXY 323594	45.52 3.02 -0.01	39.94 2.87 -0.34	36.02 2.45 -0.01	34.29 2.06 0.00	33.23 1.97 0.00	34.87 2.10 0.00	44.36 2.35 0.00	47.95 2.28 0.82	41.57 2.56 -0.82	37.93 2.68 0.00	37.42 2.53 -2.48	39.24 2.65 -2.99	43.76 2.77 -6.80	43.55 2.93 -5.24	47.90 3.04 -9.05	49.32 3.40 -8.12	50.25 3.59 -2.91	51.38 3.08 -0.14	59.42 2.56 0.00	57.14 1.93 0.00	50.92 2.19 0.00	45.93 2.06 -0.01	43.61 2.23 0.00	39.79 2.11 0.00
PJM_GEN_VFT_PROXY 323633	44.96 2.46 0.00	39.09 2.35 0.00	35.44 1.88 0.00	33.81 1.58 0.00	32.73 1.47 0.00	34.34 1.57 0.00	44.03 2.02 0.00	47.86 2.19 0.82	41.30 2.29 -0.82	37.65 2.40 0.00	34.75 2.33 -0.01	36.09 2.49 -0.01	36.80 2.60 -0.02	38.21 2.83 0.00	38.36 2.97 0.41	41.60 3.36 -0.44	47.24 3.50 0.02	50.95 2.79 0.00	59.02 2.16 0.00	56.86 1.65 0.00	50.29 1.56 0.00	45.43 1.58 0.00	42.95 1.57 0.00	39.15 1.47 0.00
PLATSBURG_115KV_PMLD1 355749	43.13 0.64 0.00	37.03 0.29 0.00	33.77 0.20 0.00	32.45 0.23 0.00	31.51 0.25 0.00	33.03 0.26 0.00	42.72 0.71 0.00	47.15 0.65 0.00	38.76 0.57 0.00	35.67 0.42 0.00	32.76 0.36 0.00	33.83 0.24 0.00	34.46 0.27 0.00	35.62 0.25 0.00	35.95 0.14 0.00	37.80 0.00 0.00	43.80 0.04 0.00	48.30 0.14 0.00	57.20 0.34 0.00	55.87 0.66 0.00	49.41 0.68 0.00	44.56 0.70 0.00	42.12 0.74 0.00	38.29 0.60 0.00
PLEASANTVLY____LBMP 24000	44.49 2.00 0.00	38.72 1.98 0.00	35.24 1.68 0.00	33.65 1.42 0.00	32.58 1.31 0.00	34.18 1.41 0.00	43.65 1.64 0.00	48.36 1.86 0.00	39.95 1.76 0.00	37.08 1.83 0.00	34.19 1.78 0.00	35.47 1.88 0.00	36.14 1.95 0.00	37.50 2.12 0.00	38.02 2.22 0.00	40.33 2.53 0.00	46.43 2.67 0.00	50.47 2.31 0.00	58.85 1.99 0.00	56.75 1.55 0.00	50.04 1.32 0.00	45.17 1.32 0.00	42.70 1.32 0.00	38.89 1.21 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	44.87 2.38 0.00	39.09 2.35 0.00	35.51 1.95 0.00	33.87 1.64 0.00	32.80 1.53 0.00	34.41 1.64 0.00	43.98 1.97 0.00	48.82 2.32 0.00	40.37 2.18 0.00	37.47 2.22 0.00	34.55 2.14 0.00	35.84 2.25 0.00	36.55 2.36 0.00	37.96 2.58 0.00	38.45 2.65 0.00	40.82 3.02 0.00	47.00 3.24 0.00	50.95 2.79 0.00	59.42 2.56 0.00	57.25 2.04 0.00	50.43 1.71 0.00	45.57 1.71 0.00	42.99 1.61 0.00	39.15 1.47 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	44.87 2.38 0.00	39.09 2.35 0.00	35.51 1.95 0.00	33.87 1.64 0.00	32.80 1.53 0.00	34.41 1.64 0.00	43.98 1.97 0.00	48.82 2.32 0.00	40.37 2.18 0.00	37.47 2.22 0.00	34.55 2.14 0.00	35.84 2.25 0.00	36.55 2.36 0.00	37.96 2.58 0.00	38.45 2.65 0.00	40.82 3.02 0.00	47.00 3.24 0.00	50.95 2.79 0.00	59.42 2.56 0.00	57.25 2.04 0.00	50.43 1.71 0.00	45.57 1.71 0.00	42.99 1.61 0.00	39.15 1.47 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	44.70 2.21 0.00	38.94 2.20 0.00	35.44 1.88 0.00	33.84 1.61 0.00	32.76 1.50 0.00	34.41 1.64 0.00	43.90 1.89 0.00	48.63 2.14 0.00	39.98 1.79 0.00	37.01 1.76 0.00	34.09 1.69 0.00	35.41 1.81 0.00	36.03 1.85 0.00	37.39 2.02 0.00	37.95 2.15 0.00	40.25 2.46 0.00	46.47 2.71 0.00	50.61 2.46 0.00	59.37 2.50 0.00	57.25 2.04 0.00	50.48 1.75 0.00	45.48 1.62 0.00	42.95 1.57 0.00	39.12 1.43 0.00

POLETTI____ 23519	45.17 2.68 0.00	39.31 2.57 0.00	35.65 2.08 0.00	34.00 1.77 0.00	32.92 1.66 0.00	34.54 1.77 0.00	44.19 2.18 0.00	49.10 2.60 0.00	40.60 2.41 0.00	37.75 2.50 0.00	34.85 2.43 -0.01	36.19 2.59 -0.01	36.87 2.67 -0.02	38.35 2.97 0.00	38.86 3.04 -0.01	41.31 3.52 0.00	47.43 3.68 0.00	51.08 2.94 0.01	59.31 2.45 0.00	57.03 1.82 0.00	50.39 1.66 0.00	45.66 1.80 0.00	43.16 1.78 0.00	39.27 1.58 0.00
POMONA____ESR 323819	44.66 2.17 0.00	38.86 2.13 0.00	35.31 1.74 0.00	33.71 1.48 0.00	32.64 1.37 0.00	34.25 1.48 0.00	43.77 1.76 0.00	48.40 1.91 0.00	40.06 1.87 0.00	37.22 1.97 0.00	34.32 1.91 0.00	35.64 2.05 0.00	36.34 2.16 0.00	37.71 2.33 0.00	38.27 2.47 0.00	40.56 2.76 0.00	46.73 2.98 0.00	50.71 2.55 0.00	59.20 2.33 0.00	57.14 1.93 0.00	50.29 1.56 0.00	45.26 1.40 0.00	42.83 1.45 0.00	39.04 1.35 0.00
PORT_JEFF_3 23555	46.33 3.83 -0.01	40.86 3.78 -0.34	36.76 3.19 -0.01	34.97 2.74 0.00	33.95 2.69 0.00	35.55 2.78 0.00	45.20 3.19 0.00	49.66 3.16 0.00	41.55 3.36 0.00	38.67 3.42 0.00	38.13 3.24 -2.48	39.98 3.39 -2.99	44.55 3.56 -6.80	44.15 3.54 -5.24	48.97 3.69 -9.47	49.68 4.20 -7.68	51.24 4.55 -2.93	52.78 3.95 -0.68	60.33 3.47 0.00	58.07 2.87 0.00	51.99 3.27 0.00	46.80 2.94 -0.01	44.48 3.10 0.00	40.59 2.90 0.00
PORT_JEFF_4 23616	46.33 3.83 -0.01	40.86 3.78 -0.34	36.76 3.19 -0.01	34.97 2.74 0.00	33.95 2.69 0.00	35.55 2.78 0.00	45.20 3.19 0.00	49.66 3.16 0.00	41.55 3.36 0.00	38.67 3.42 0.00	38.13 3.24 -2.48	39.98 3.39 -2.99	44.55 3.56 -6.80	44.15 3.54 -5.24	48.97 3.69 -9.47	49.68 4.20 -7.68	51.24 4.55 -2.93	52.78 3.95 -0.68	60.33 3.47 0.00	58.07 2.87 0.00	51.99 3.27 0.00	46.80 2.94 -0.01	44.48 3.10 0.00	40.59 2.90 0.00
PORT_JEFF_IC 23713	46.45 3.95 0.00	40.93 3.86 -0.34	36.89 3.32 0.00	35.03 2.80 0.00	33.95 2.69 0.00	35.65 2.88 0.00	45.33 3.32 0.00	50.12 3.63 0.00	41.63 3.44 0.00	38.81 3.56 0.00	38.19 3.31 -2.48	40.08 3.49 -2.99	44.51 3.52 -6.80	44.25 3.64 -5.24	48.93 3.65 -9.47	49.79 4.31 -7.68	51.46 4.77 -2.94	50.98 3.76 0.93	59.93 3.07 0.00	57.14 1.93 0.00	51.36 2.63 0.00	46.84 2.98 0.00	44.32 2.94 0.00	40.25 2.56 0.00
PPL PILGRIM_ST_GT1 24216	46.49 3.99 -0.01	40.86 3.78 -0.34	36.80 3.22 -0.01	35.03 2.80 0.00	33.98 2.72 0.00	35.62 2.85 0.00	45.29 3.28 0.00	49.75 3.25 0.00	41.63 3.44 0.00	38.77 3.52 0.00	38.20 3.31 -2.48	40.04 3.46 -2.99	44.55 3.56 -6.80	44.32 3.71 -5.24	49.11 3.83 -9.47	49.75 4.27 -7.68	51.32 4.64 -2.92	52.68 4.24 -0.28	60.51 3.64 0.00	58.18 2.98 0.00	52.04 3.32 0.00	46.98 3.11 -0.01	44.61 3.23 0.00	40.66 2.98 0.00
PPL PILGRIM_ST_GT2 24217	46.49 3.99 -0.01	40.86 3.78 -0.34	36.80 3.22 -0.01	35.03 2.80 0.00	33.98 2.72 0.00	35.62 2.85 0.00	45.29 3.28 0.00	49.75 3.25 0.00	41.63 3.44 0.00	38.77 3.52 0.00	38.20 3.31 -2.48	40.04 3.46 -2.99	44.55 3.56 -6.80	44.32 3.71 -5.24	49.11 3.83 -9.47	49.75 4.27 -7.68	51.32 4.64 -2.92	52.68 4.24 -0.28	60.51 3.64 0.00	58.18 2.98 0.00	52.04 3.32 0.00	46.98 3.11 -0.01	44.61 3.23 0.00	40.66 2.98 0.00
PPL_SHRM_GT3 24213	46.58 4.08 -0.01	41.23 4.15 -0.34	37.06 3.49 -0.01	35.26 3.03 0.00	34.24 2.97 0.00	35.82 3.05 0.00	45.58 3.57 0.00	50.03 3.53 0.00	41.86 3.67 0.00	38.95 3.70 0.00	38.39 3.50 -2.48	40.28 3.70 -2.99	44.89 3.90 -6.80	44.08 3.47 -5.24	48.86 3.58 -9.47	49.79 4.31 -7.68	51.50 4.81 -2.93	58.59 4.48 -5.95	60.84 3.98 0.00	58.52 3.31 0.00	52.33 3.61 0.00	46.80 2.94 -0.01	44.69 3.31 0.00	40.92 3.24 0.00
PPL_SHRM_GT4 24214	46.58 4.08 -0.01	41.23 4.15 -0.34	37.06 3.49 -0.01	35.26 3.03 0.00	34.24 2.97 0.00	35.82 3.05 0.00	45.58 3.57 0.00	50.03 3.53 0.00	41.86 3.67 0.00	38.95 3.70 0.00	38.39 3.50 -2.48	40.28 3.70 -2.99	44.89 3.90 -6.80	44.08 3.47 -5.24	48.86 3.58 -9.47	49.79 4.31 -7.68	51.50 4.81 -2.93	58.59 4.48 -5.95	60.84 3.98 0.00	58.52 3.31 0.00	52.33 3.61 0.00	46.80 2.94 -0.01	44.69 3.31 0.00	40.92 3.24 0.00
PROJECT____ORANGE 1 24174	41.24 -0.76 0.49	36.02 -0.55 0.17	33.12 -0.44 0.01	31.84 -0.39 0.00	30.89 -0.38 0.00	32.31 -0.46 0.00	40.83 -0.76 0.43	45.09 -0.74 0.66	37.50 -0.69 0.00	34.61 -0.63 0.00	31.76 -0.65 0.00	32.99 -0.60 0.00	33.61 -0.58 0.00	34.77 -0.60 0.00	35.16 -0.64 0.00	37.00 -0.76 0.04	42.66 -0.74 0.36	47.34 -0.58 0.24	55.74 -0.51 0.61	54.19 -0.50 0.52	47.61 -0.49 0.64	42.92 -0.57 0.37	40.29 -0.66 0.43	36.79 -0.60 0.29
PROJECT____ORANGE 2 24166	41.24 -0.76 0.49	36.02 -0.55 0.17	33.12 -0.44 0.01	31.84 -0.39 0.00	30.89 -0.38 0.00	32.31 -0.46 0.00	40.83 -0.76 0.43	45.09 -0.74 0.66	37.50 -0.69 0.00	34.61 -0.63 0.00	31.76 -0.65 0.00	32.99 -0.60 0.00	33.61 -0.58 0.00	34.77 -0.60 0.00	35.16 -0.64 0.00	37.00 -0.76 0.04	42.66 -0.74 0.36	47.34 -0.58 0.24	55.74 -0.51 0.61	54.19 -0.50 0.52	47.61 -0.49 0.64	42.92 -0.57 0.37	40.29 -0.66 0.43	36.79 -0.60 0.29
PUCKETT____SOLAR 323809	42.37 0.17 0.29	36.97 0.33 0.10	33.93 0.37 0.00	32.65 0.42 0.00	31.64 0.38 0.00	33.13 0.36 0.00	41.93 0.17 0.25	46.43 0.33 0.39	38.19 0.00 0.00	35.18 -0.07 0.00	32.12 -0.29 0.00	33.43 -0.17 0.00	34.09 -0.10 0.00	35.27 -0.11 0.00	35.70 -0.11 0.00	37.55 -0.23 0.03	43.46 -0.09 0.21	48.44 0.43 0.14	57.53 1.02 0.36	56.11 1.21 0.31	49.13 0.78 0.38	44.21 0.57 0.22	41.45 0.33 0.26	37.78 0.27 0.17
PYRITES____HYD 24023	43.56 1.06 0.00	37.36 0.62 0.00	34.07 0.50 0.00	32.81 0.58 0.00	31.80 0.53 0.00	33.36 0.59 0.00	43.35 1.34 0.00	47.61 1.12 0.00	38.84 0.65 0.00	35.60 0.35 0.00	32.73 0.32 0.00	33.83 0.24 0.00	34.43 0.24 0.00	35.62 0.25 0.00	35.63 -0.18 0.00	37.19 -0.60 0.00	43.01 -0.74 0.00	47.39 -0.77 0.00	56.47 -0.40 0.00	55.43 0.22 0.00	49.12 0.39 0.00	44.47 0.61 0.00	42.41 1.03 0.00	38.70 1.02 0.00
QUAKERRD_115KV_BK1 80622	38.71 -2.34 1.45	34.48 -1.76 0.49	32.07 -1.48 0.02	30.97 -1.26 0.00	29.95 -1.31 0.00	31.39 -1.38 0.00	38.49 -2.27 1.25	42.24 -2.32 1.93	36.43 -1.76 0.00	33.59 -1.66 0.00	30.92 -1.49 0.00	32.28 -1.31 0.00	32.92 -1.26 0.00	33.96 -1.42 0.00	34.34 -1.47 0.00	35.71 -1.97 0.13	40.56 -2.14 1.05	45.61 -1.93 0.62	53.32 -1.99 1.55	52.07 -1.82 1.31	45.30 -1.80 1.62	41.16 -1.75 0.94	38.38 -1.90 1.10	35.33 -1.62 0.73
QUENSBRY_115KV_TB8 356137	44.02 1.53 0.00	38.24 1.51 0.00	35.11 1.54 0.00	33.65 1.42 0.00	32.58 1.31 0.00	34.25 1.47 0.00	43.69 1.68 0.00	47.94 1.44 0.00	38.88 0.69 0.00	35.60 0.35 0.00	32.51 0.10 0.00	33.59 0.00 0.00	33.95 -0.24 0.00	35.02 -0.35 0.00	35.48 -0.32 0.00	37.68 -0.11 0.00	43.71 -0.04 0.00	48.54 0.39 0.00	58.40 1.54 0.00	57.03 1.82 0.00	50.19 1.46 0.00	45.09 1.23 0.00	42.70 1.32 0.00	38.81 1.13 0.00

RAMAPO____LBMP 323565	44.49 2.00 0.00	38.68 1.95 0.00	35.21 1.64 0.00	33.58 1.35 0.00	32.55 1.28 0.00	34.15 1.38 0.00	43.61 1.60 0.00	48.40 1.91 0.00	39.91 1.72 0.00	37.12 1.87 0.00	34.22 1.81 0.00	35.54 1.95 0.00	36.24 2.05 0.00	37.64 2.26 0.00	38.13 2.33 0.00	40.48 2.68 0.00	46.65 2.89 0.00	50.61 2.46 0.00	59.08 2.22 0.00	56.92 1.71 0.00	50.09 1.36 0.00	45.17 1.32 0.00	42.70 1.32 0.00	38.85 1.17 0.00
RANKINE____ 23646	38.85 -2.42 1.22	34.66 -1.65 0.42	32.24 -1.31 0.02	31.23 -1.00 0.00	30.17 -1.09 0.00	31.49 -1.28 0.00	38.56 -2.39 1.06	42.40 -2.46 1.64	36.70 -1.49 0.00	33.87 -1.37 0.00	31.11 -1.30 0.00	32.75 -0.84 0.00	33.40 -0.79 0.00	34.46 -0.92 0.00	34.91 -0.90 0.00	36.03 -1.66 0.11	40.77 -2.10 0.89	45.81 -1.78 0.56	53.53 -1.93 1.40	52.42 -1.60 1.19	45.41 -1.85 1.46	41.12 -1.89 0.85	38.19 -2.19 0.99	35.40 -1.62 0.66
RAVENSWOOD_GT2_1 24244	45.17 2.68 0.00	39.31 2.57 0.00	35.68 2.11 0.00	34.00 1.77 0.00	32.92 1.66 0.00	34.54 1.77 0.00	44.19 2.18 0.00	49.10 2.60 0.00	40.60 2.41 0.00	37.75 2.50 0.00	34.85 2.43 -0.01	36.19 2.59 -0.01	36.91 2.70 -0.02	38.35 2.97 0.00	38.86 3.04 -0.01	41.31 3.52 0.00	47.48 3.72 0.00	51.14 2.99 0.00	59.37 2.50 0.00	57.08 1.88 0.00	50.43 1.71 0.00	45.70 1.84 0.00	43.16 1.78 0.00	39.27 1.58 0.00
RAVENSWOOD_GT2_2 24245	45.17 2.68 0.00	39.31 2.57 0.00	35.68 2.11 0.00	34.00 1.77 0.00	32.92 1.66 0.00	34.54 1.77 0.00	44.19 2.18 0.00	49.10 2.60 0.00	40.60 2.41 0.00	37.75 2.50 0.00	34.85 2.43 -0.01	36.19 2.59 -0.01	36.91 2.70 -0.02	38.35 2.97 0.00	38.86 3.04 -0.01	41.31 3.52 0.00	47.48 3.72 0.00	51.14 2.99 0.00	59.37 2.50 0.00	57.08 1.88 0.00	50.43 1.71 0.00	45.70 1.84 0.00	43.16 1.78 0.00	39.27 1.58 0.00
RAVENSWOOD_GT2_3 24246	45.21 2.72 0.00	39.34 2.61 0.00	35.68 2.11 0.00	34.03 1.80 0.00	32.92 1.66 0.00	34.54 1.77 0.00	44.24 2.23 0.00	49.10 2.60 0.00	40.60 2.41 0.00	37.79 2.54 0.00	34.88 2.46 -0.01	36.19 2.59 -0.01	36.91 2.70 -0.02	38.38 3.01 0.00	38.89 3.08 -0.01	41.31 3.52 0.00	47.48 3.72 0.00	51.14 2.99 0.00	59.37 2.50 0.00	57.08 1.88 0.00	50.48 1.75 0.00	45.70 1.84 0.00	43.20 1.82 0.00	39.30 1.62 0.00
RAVENSWOOD_GT2_4 24247	45.21 2.72 0.00	39.34 2.61 0.00	35.68 2.11 0.00	34.03 1.80 0.00	32.92 1.66 0.00	34.54 1.77 0.00	44.24 2.23 0.00	49.10 2.60 0.00	40.60 2.41 0.00	37.79 2.54 0.00	34.88 2.46 -0.01	36.19 2.59 -0.01	36.91 2.70 -0.02	38.38 3.01 0.00	38.89 3.08 -0.01	41.31 3.52 0.00	47.48 3.72 0.00	51.14 2.99 0.00	59.37 2.50 0.00	57.08 1.88 0.00	50.48 1.75 0.00	45.70 1.84 0.00	43.20 1.82 0.00	39.30 1.62 0.00
RAVENSWOOD_GT3_1 24248	45.21 2.72 0.00	39.31 2.57 0.00	35.68 2.11 0.00	34.00 1.77 0.00	32.92 1.66 0.00	34.54 1.77 0.00	44.19 2.18 0.00	49.10 2.60 0.00	40.60 2.41 0.00	37.75 2.50 0.00	34.85 2.43 -0.01	36.19 2.59 -0.01	36.91 2.70 -0.02	38.38 3.01 0.00	38.89 3.08 -0.01	41.31 3.52 0.00	47.48 3.72 0.00	51.14 2.99 0.00	59.37 2.50 0.00	57.08 1.88 0.00	50.43 1.71 0.00	45.70 1.84 0.00	43.20 1.82 0.00	39.27 1.58 0.00
RAVENSWOOD_GT3_2 24249	45.21 2.72 0.00	39.31 2.57 0.00	35.68 2.11 0.00	34.00 1.77 0.00	32.92 1.66 0.00	34.54 1.77 0.00	44.19 2.18 0.00	49.10 2.60 0.00	40.60 2.41 0.00	37.75 2.50 0.00	34.85 2.43 -0.01	36.19 2.59 -0.01	36.91 2.70 -0.02	38.38 3.01 0.00	38.89 3.08 -0.01	41.31 3.52 0.00	47.48 3.72 0.00	51.14 2.99 0.00	59.37 2.50 0.00	57.08 1.88 0.00	50.43 1.71 0.00	45.70 1.84 0.00	43.20 1.82 0.00	39.27 1.58 0.00
RAVENSWOOD_GT3_3 24250	45.26 2.76 0.00	39.38 2.64 0.00	35.71 2.15 0.00	34.07 1.84 0.00	32.95 1.69 0.00	34.57 1.80 0.00	44.28 2.27 0.00	49.15 2.65 0.00	40.67 2.48 0.00	37.82 2.57 0.00	34.91 2.50 -0.01	36.25 2.65 -0.01	36.94 2.74 -0.02	38.42 3.04 0.00	38.93 3.12 -0.01	41.35 3.55 0.00	47.56 3.81 0.00	51.19 3.03 0.00	59.42 2.56 0.00	57.19 1.99 0.00	50.53 1.80 0.00	45.79 1.93 0.00	43.24 1.86 0.00	39.34 1.66 0.00
RAVENSWOOD_GT3_4 24251	45.26 2.76 0.00	39.38 2.64 0.00	35.71 2.15 0.00	34.07 1.84 0.00	32.95 1.69 0.00	34.57 1.80 0.00	44.28 2.27 0.00	49.15 2.65 0.00	40.67 2.48 0.00	37.82 2.57 0.00	34.91 2.50 -0.01	36.25 2.65 -0.01	36.94 2.74 -0.02	38.42 3.04 0.00	38.93 3.12 -0.01	41.35 3.55 0.00	47.56 3.81 0.00	51.19 3.03 0.00	59.42 2.56 0.00	57.19 1.99 0.00	50.53 1.80 0.00	45.79 1.93 0.00	43.24 1.86 0.00	39.34 1.66 0.00
RAVENSWOOD_GT_1 23729	45.30 2.80 0.00	39.42 2.68 0.00	35.68 2.11 0.00	34.03 1.80 0.00	32.92 1.66 0.00	34.47 1.70 0.00	44.11 2.10 0.00	48.96 2.46 0.00	40.48 2.29 0.00	37.68 2.43 0.00	34.81 2.40 -0.01	36.12 2.52 -0.01	36.84 2.63 -0.02	38.35 2.97 0.00	38.86 3.04 -0.01	41.31 3.52 0.00	47.56 3.81 0.00	50.99 2.84 0.00	59.07 2.22 0.01	56.80 1.60 0.01	50.24 1.51 0.00	45.57 1.71 0.00	43.07 1.70 0.00	39.23 1.55 0.00
RAVENSWOOD_GT_10 24258	45.17 2.68 0.00	39.31 2.57 0.00	35.68 2.11 0.00	34.00 1.77 0.00	32.92 1.66 0.00	34.54 1.77 0.00	44.19 2.18 0.00	49.10 2.60 0.00	40.60 2.41 0.00	37.75 2.50 0.00	34.85 2.43 -0.01	36.19 2.59 -0.01	36.91 2.70 -0.02	38.38 3.01 0.00	38.89 3.08 -0.01	41.31 3.52 0.00	47.48 3.72 0.00	51.14 2.99 0.00	59.37 2.50 0.00	57.08 1.88 0.00	50.43 1.71 0.00	45.70 1.84 0.00	43.20 1.82 0.00	39.27 1.58 0.00
RAVENSWOOD_GT_11 24259	45.17 2.68 0.00	39.31 2.57 0.00	35.68 2.11 0.00	34.00 1.77 0.00	32.92 1.66 0.00	34.54 1.77 0.00	44.19 2.18 0.00	49.10 2.60 0.00	40.60 2.41 0.00	37.75 2.50 0.00	34.85 2.43 -0.01	36.19 2.59 -0.01	36.91 2.70 -0.02	38.38 3.01 0.00	38.89 3.08 -0.01	41.31 3.52 0.00	47.48 3.72 0.00	51.14 2.99 0.00	59.37 2.50 0.00	57.08 1.88 0.00	50.43 1.71 0.00	45.70 1.84 0.00	43.20 1.82 0.00	39.27 1.58 0.00
RAVENSWOOD_GT_4 24252	45.26 2.76 0.00	39.34 2.61 0.00	35.68 2.11 0.00	34.00 1.77 0.00	32.92 1.66 0.00	34.51 1.74 0.00	44.15 2.14 0.00	49.05 2.56 0.00	40.56 2.37 0.00	37.72 2.47 0.00	34.85 2.43 -0.01	36.15 2.55 -0.01	36.87 2.67 -0.02	38.38 3.01 0.00	38.86 3.04 -0.01	41.31 3.52 0.00	47.48 3.72 0.00	51.09 2.94 0.00	59.24 2.39 0.01	56.96 1.77 0.01	50.39 1.66 0.00	45.66 1.80 0.00	43.16 1.78 0.00	39.27 1.58 0.00
RAVENSWOOD_GT_5 24254	45.26 2.76 0.00	39.34 2.61 0.00	35.68 2.11 0.00	34.00 1.77 0.00	32.92 1.66 0.00	34.51 1.74 0.00	44.15 2.14 0.00	49.05 2.56 0.00	40.56 2.37 0.00	37.72 2.47 0.00	34.85 2.43 -0.01	36.15 2.55 -0.01	36.87 2.67 -0.02	38.38 3.01 0.00	38.86 3.04 -0.01	41.31 3.52 0.00	47.48 3.72 0.00	51.09 2.94 0.00	59.24 2.39 0.01	56.96 1.77 0.01	50.39 1.66 0.00	45.66 1.80 0.00	43.16 1.78 0.00	39.27 1.58 0.00

RAVENSWOOD_GT_6 24253	45.26 2.76 0.00	39.34 2.61 0.00	35.68 2.11 0.00	34.00 1.77 0.00	32.92 1.66 0.00	34.51 1.74 0.00	44.15 2.14 0.00	49.05 2.56 0.00	40.56 2.37 0.00	37.72 2.47 0.00	34.85 2.43 -0.01	36.15 2.55 -0.01	36.87 2.67 -0.02	38.38 3.01 0.00	38.86 3.04 -0.01	41.31 3.52 0.00	47.48 3.72 0.00	51.09 2.94 0.00	59.24 2.39 0.01	56.96 1.77 0.01	50.39 1.66 0.00	45.66 1.80 0.00	43.16 1.78 0.00	39.27 1.58 0.00
RAVENSWOOD_GT_7 24255	45.26 2.76 0.00	39.34 2.61 0.00	35.68 2.11 0.00	34.00 1.77 0.00	32.92 1.66 0.00	34.51 1.74 0.00	44.15 2.14 0.00	49.05 2.56 0.00	40.56 2.37 0.00	37.72 2.47 0.00	34.85 2.43 -0.01	36.15 2.55 -0.01	36.87 2.67 -0.02	38.38 3.01 0.00	38.86 3.04 -0.01	41.31 3.52 0.00	47.48 3.72 0.00	51.09 2.94 0.00	59.24 2.39 0.01	56.96 1.77 0.01	50.39 1.66 0.00	45.66 1.80 0.00	43.16 1.78 0.00	39.27 1.58 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	45.17 2.68 0.00	39.31 2.57 0.00	35.68 2.11 0.00	34.00 1.77 0.00	32.92 1.66 0.00	34.54 1.77 0.00	44.19 2.18 0.00	49.10 2.60 0.00	40.60 2.41 0.00	37.75 2.50 0.00	34.85 2.43 -0.01	36.19 2.59 -0.01	36.91 2.70 -0.02	38.38 3.01 0.00	38.89 3.08 -0.01	41.31 3.52 0.00	47.48 3.72 0.00	51.14 2.99 0.00	59.37 2.50 0.00	57.08 1.88 0.00	50.43 1.71 0.00	45.70 1.84 0.00	43.20 1.82 0.00	39.27 1.58 0.00
RAVENSWOOD_GT_9 24257	45.17 2.68 0.00	39.31 2.57 0.00	35.68 2.11 0.00	34.00 1.77 0.00	32.92 1.66 0.00	34.54 1.77 0.00	44.19 2.18 0.00	49.10 2.60 0.00	40.60 2.41 0.00	37.75 2.50 0.00	34.85 2.43 -0.01	36.19 2.59 -0.01	36.91 2.70 -0.02	38.38 3.01 0.00	38.89 3.08 -0.01	41.31 3.52 0.00	47.48 3.72 0.00	51.14 2.99 0.00	59.37 2.50 0.00	57.08 1.88 0.00	50.43 1.71 0.00	45.70 1.84 0.00	43.20 1.82 0.00	39.27 1.58 0.00
RAVENSWOOD___1 23533	45.30 2.80 0.00	39.41 2.68 0.00	35.65 2.08 0.00	34.03 1.80 0.00	32.92 1.66 0.00	34.47 1.70 0.00	44.11 2.10 0.00	48.73 2.23 0.00	40.48 2.29 0.00	37.68 2.43 0.00	34.81 2.40 -0.01	36.12 2.52 -0.01	36.84 2.63 -0.02	38.28 2.90 0.00	38.85 3.04 -0.01	41.24 3.44 0.00	47.47 3.72 0.00	50.94 2.79 0.00	58.96 2.11 0.01	56.80 1.60 0.01	50.24 1.51 0.00	45.52 1.67 0.00	43.04 1.66 0.00	39.30 1.62 0.00
RAVENSWOOD___2 23534	45.22 2.72 0.00	39.34 2.61 0.00	35.61 2.05 0.00	33.97 1.74 0.00	32.86 1.59 0.00	34.41 1.64 0.00	44.03 2.02 0.00	48.64 2.14 0.00	40.40 2.21 0.00	37.61 2.36 0.00	34.75 2.33 -0.01	36.05 2.45 -0.01	36.77 2.57 -0.02	38.21 2.83 0.00	38.78 2.97 -0.01	41.20 3.40 0.00	47.39 3.63 0.00	50.85 2.70 0.00	58.56 1.70 0.01	56.47 1.27 0.01	50.14 1.41 0.00	45.43 1.58 0.00	42.95 1.57 0.00	39.23 1.55 0.00
RAVENSWOOD___3 23535	45.22 2.72 0.00	39.30 2.57 0.00	35.65 2.08 0.00	34.00 1.77 0.00	32.92 1.66 0.00	34.54 1.77 0.00	44.19 2.18 0.00	48.82 2.32 0.00	40.60 2.41 0.00	37.75 2.50 0.00	34.85 2.43 -0.01	36.19 2.59 -0.01	36.90 2.70 -0.02	38.31 2.93 0.00	38.89 3.08 -0.01	41.24 3.44 0.00	47.39 3.63 0.00	51.04 2.89 0.00	59.25 2.39 0.00	57.08 1.88 0.00	50.43 1.70 0.00	45.66 1.80 0.00	43.16 1.78 0.00	39.34 1.66 0.00
RAVENSWOOD___4 23820	45.30 2.80 0.00	39.41 2.68 0.00	35.65 2.08 0.00	34.03 1.80 0.00	32.92 1.66 0.00	34.47 1.70 0.00	44.11 2.10 0.00	48.73 2.23 0.00	40.48 2.29 0.00	37.68 2.43 0.00	34.81 2.40 -0.01	36.12 2.52 -0.01	36.84 2.63 -0.02	38.28 2.90 0.00	38.85 3.04 -0.01	41.24 3.44 0.00	47.47 3.72 0.00	50.94 2.79 0.00	58.96 2.11 0.01	56.80 1.60 0.01	50.24 1.51 0.00	45.52 1.67 0.00	43.04 1.66 0.00	39.30 1.62 0.00
RCPI_TRUST___DRP 24196	45.13 2.63 0.00	39.27 2.53 0.00	35.65 2.08 0.00	34.00 1.77 0.00	32.92 1.66 0.00	34.54 1.77 0.00	44.19 2.18 0.00	49.10 2.60 0.00	40.60 2.41 0.00	37.75 2.50 0.00	34.86 2.46 0.01	36.17 2.59 0.01	36.87 2.70 0.02	38.38 3.01 0.00	38.88 3.08 0.01	41.31 3.52 0.00	47.48 3.72 0.00	51.39 3.23 0.00	59.71 2.84 0.00	57.41 2.21 0.00	50.58 1.85 0.00	45.74 1.89 0.00	43.20 1.82 0.00	39.27 1.58 0.00
RED___ROCHESTER 323720	39.72 -1.36 1.42	35.41 -0.84 0.48	32.84 -0.71 0.02	31.81 -0.42 0.00	30.73 -0.53 0.00	32.21 -0.56 0.00	39.49 -1.30 1.22	43.77 -0.84 1.89	37.43 -0.76 0.00	34.47 -0.78 0.00	31.70 -0.71 0.00	33.19 -0.40 0.00	33.88 -0.31 0.00	34.99 -0.39 0.00	35.34 -0.47 0.00	36.66 -1.02 0.12	41.81 -0.92 1.03	47.03 -0.48 0.64	54.87 -0.40 1.60	53.63 -0.22 1.36	46.57 -0.49 1.67	42.31 -0.57 0.97	39.37 -0.87 1.13	36.13 -0.79 0.76
REGAN___SOLAR 323812	44.53 2.04 0.00	38.61 1.87 0.00	35.38 1.81 0.00	33.94 1.71 0.00	32.86 1.59 0.00	34.57 1.80 0.00	44.28 2.27 0.00	48.17 1.67 0.00	38.23 0.04 0.00	34.44 -0.81 0.00	31.40 -1.00 0.00	32.48 -1.11 0.00	32.92 -1.26 0.00	34.03 -1.34 0.00	34.52 -1.29 0.00	36.70 -1.10 0.00	42.92 -0.83 0.00	48.54 0.38 0.00	59.25 2.39 0.00	58.13 2.92 0.00	51.16 2.44 0.00	45.88 2.02 0.00	43.24 1.86 0.00	39.27 1.58 0.00
RENSSELAER___COGEN 23796	43.09 0.59 0.00	37.58 0.85 0.00	34.47 0.91 0.00	33.03 0.81 0.00	32.01 0.75 0.00	33.59 0.82 0.00	42.64 0.63 0.00	47.06 0.56 0.00	38.61 0.42 0.00	35.64 0.39 0.00	32.83 0.42 0.00	33.93 0.34 0.00	34.43 0.24 0.00	35.63 0.25 0.00	36.13 0.32 0.00	38.29 0.49 0.00	44.24 0.48 0.00	48.64 0.48 0.00	57.37 0.51 0.00	55.70 0.50 0.00	49.22 0.49 0.00	44.30 0.44 0.00	41.91 0.54 0.00	38.21 0.53 0.00
REPUBLIC_115KV_BARTNBRK 55605	46.23 3.74 0.00	40.08 3.34 0.00	36.85 3.29 0.00	35.32 3.09 0.00	34.11 2.85 0.00	35.95 3.18 0.00	46.04 4.03 0.00	50.35 3.86 0.00	40.40 2.21 0.00	36.73 1.48 0.00	33.32 0.91 0.00	34.47 0.87 0.00	34.80 0.62 0.00	35.76 0.39 0.00	36.23 0.43 0.00	38.52 0.72 0.00	44.85 1.09 0.00	50.18 2.02 0.00	61.36 4.49 0.00	60.28 5.08 0.00	52.87 4.14 0.00	47.28 3.42 0.00	44.65 3.27 0.00	40.59 2.90 0.00
REVERE_CPPR_DRP 24186	43.22 0.93 0.21	37.62 0.96 0.07	34.54 0.97 0.00	33.29 1.06 0.00	32.20 0.94 0.00	33.82 1.05 0.00	43.22 1.39 0.18	47.57 1.35 0.28	38.91 0.73 0.00	35.78 0.53 0.00	32.80 0.39 0.00	34.03 0.44 0.00	34.63 0.44 0.00	35.91 0.53 0.00	36.34 0.54 0.00	38.12 0.34 0.02	44.09 0.48 0.15	49.06 1.01 0.10	58.31 1.71 0.26	56.97 1.99 0.22	50.02 1.56 0.27	45.02 1.32 0.16	42.31 1.12 0.18	38.50 0.94 0.12
REYNLDPA_13_KV_LD 356490	42.96 0.47 0.00	36.88 0.15 0.00	33.67 0.10 0.00	32.33 0.10 0.00	31.39 0.13 0.00	32.87 0.10 0.00	42.55 0.54 0.00	46.59 0.09 0.00	38.57 0.38 0.00	35.53 0.28 0.00	32.70 0.29 0.00	33.83 0.24 0.00	34.43 0.24 0.00	35.63 0.25 0.00	35.91 0.11 0.00	37.76 -0.04 0.00	43.71 -0.04 0.00	47.72 -0.43 0.00	56.47 -0.40 0.00	54.99 -0.22 0.00	48.88 0.15 0.00	44.30 0.44 0.00	41.91 0.54 0.00	38.17 0.49 0.00

REYNOLDS_115KV_TB3 80639	43.30 0.81 0.00	37.76 1.03 0.00	34.64 1.07 0.00	33.20 0.97 0.00	32.17 0.91 0.00	33.75 0.98 0.00	42.81 0.80 0.00	47.24 0.74 0.00	38.76 0.57 0.00	35.81 0.56 0.00	32.96 0.55 0.00	34.03 0.44 0.00	34.56 0.38 0.00	35.69 0.32 0.00	36.27 0.47 0.00	38.44 0.64 0.00	44.37 0.61 0.00	48.88 0.72 0.00	57.60 0.74 0.00	55.87 0.66 0.00	49.41 0.68 0.00	44.52 0.66 0.00	42.08 0.70 0.00	38.36 0.68 0.00
RIVERBAY____ 323610	46.24 3.74 -0.01	40.23 3.49 -0.01	36.35 2.79 0.00	34.58 2.35 0.00	33.45 2.19 0.00	34.93 2.16 0.00	44.70 2.69 0.00	49.52 3.02 0.00	40.90 2.71 0.00	38.07 2.82 0.00	35.20 2.79 -0.01	36.52 2.92 -0.01	37.18 2.97 -0.02	38.84 3.47 0.00	39.32 3.51 -0.01	41.80 4.01 0.00	48.31 4.55 0.00	51.67 3.52 0.00	59.87 3.01 0.01	57.57 2.37 0.01	50.87 2.14 0.00	45.92 2.06 0.00	43.49 2.11 0.00	39.68 2.00 0.00
RIVERSDE_115KV_TB3 55908	43.22 0.72 0.00	37.69 0.96 0.00	34.57 1.01 0.00	33.13 0.90 0.00	32.14 0.88 0.00	33.69 0.92 0.00	42.77 0.76 0.00	47.19 0.70 0.00	38.72 0.53 0.00	35.74 0.49 0.00	32.89 0.49 0.00	34.00 0.40 0.00	34.50 0.31 0.00	35.66 0.28 0.00	36.20 0.39 0.00	38.40 0.60 0.00	44.33 0.57 0.00	48.78 0.63 0.00	57.55 0.68 0.00	55.87 0.66 0.00	49.36 0.63 0.00	44.43 0.57 0.00	42.00 0.62 0.00	38.29 0.60 0.00
ROARING____BROOK_WT_PWR 323790	42.20 -0.30 0.00	36.52 -0.22 0.00	33.43 -0.13 0.00	32.13 -0.10 0.00	31.20 -0.06 0.00	32.71 -0.07 0.00	41.97 -0.04 0.00	46.45 -0.05 0.00	38.15 -0.04 0.00	35.18 -0.07 0.00	32.34 -0.06 0.00	33.49 -0.10 0.00	34.09 -0.10 0.00	35.27 -0.11 0.00	35.66 -0.14 0.00	37.61 -0.19 0.00	43.58 -0.17 0.00	47.96 -0.19 0.00	56.69 -0.17 0.00	55.04 -0.17 0.00	48.63 -0.10 0.00	43.81 -0.04 0.00	41.34 -0.04 0.00	37.65 -0.04 0.00
ROCHESRG_115KV_T4 355643	39.26 -1.78 1.45	34.99 -1.25 0.49	32.54 -1.01 0.02	31.46 -0.77 0.00	30.39 -0.88 0.00	31.85 -0.92 0.00	39.00 -1.76 1.25	42.84 -1.72 1.93	37.01 -1.18 0.00	34.12 -1.13 0.00	31.40 -1.00 0.00	32.82 -0.77 0.00	33.47 -0.72 0.00	34.56 -0.81 0.00	34.95 -0.86 0.00	36.23 -1.44 0.13	41.18 -1.53 1.05	46.25 -1.25 0.66	54.03 -1.19 1.64	52.82 -0.99 1.39	45.89 -1.12 1.72	41.68 -1.18 1.00	38.81 -1.41 1.16	35.78 -1.13 0.78
ROCHESTER_9_IC 23652	39.55 -1.53 1.41	35.26 -0.99 0.48	32.74 -0.81 0.02	31.68 -0.55 0.00	30.61 -0.66 0.00	32.08 -0.69 0.00	39.32 -1.47 1.22	43.21 -1.39 1.89	37.27 -0.92 0.00	34.33 -0.92 0.00	31.60 -0.81 0.00	33.06 -0.54 0.00	33.74 -0.44 0.00	34.81 -0.57 0.00	35.20 -0.61 0.00	36.50 -1.17 0.12	41.51 -1.23 1.03	46.65 -0.87 0.64	54.58 -0.68 1.60	53.35 -0.50 1.35	46.33 -0.73 1.67	42.10 -0.79 0.97	39.17 -1.08 1.13	36.10 -0.83 0.76
ROCKVIEW_13_KV_LD 356306	45.13 2.63 0.00	39.27 2.53 0.00	35.68 2.11 0.00	34.03 1.80 0.00	32.92 1.66 0.00	34.57 1.80 0.00	44.24 2.23 0.00	49.05 2.56 0.00	40.60 2.41 0.00	37.72 2.47 0.00	34.77 2.37 0.00	36.08 2.49 0.00	36.79 2.60 0.00	38.21 2.83 0.00	38.74 2.94 0.00	41.12 3.33 0.00	47.35 3.59 0.00	51.24 3.08 0.00	59.76 2.90 0.00	57.52 2.32 0.00	50.68 1.95 0.00	45.79 1.93 0.00	43.20 1.82 0.00	39.30 1.62 0.00
ROME____115KV_TB2 80656	43.22 0.93 0.21	37.62 0.96 0.07	34.54 0.97 0.00	33.29 1.06 0.00	32.20 0.94 0.00	33.82 1.05 0.00	43.22 1.39 0.18	47.57 1.35 0.28	38.91 0.73 0.00	35.78 0.53 0.00	32.80 0.39 0.00	34.03 0.44 0.00	34.63 0.44 0.00	35.91 0.53 0.00	36.34 0.54 0.00	38.12 0.34 0.02	44.09 0.48 0.15	49.06 1.01 0.10	58.31 1.71 0.26	56.97 1.99 0.22	50.02 1.56 0.27	45.02 1.32 0.16	42.31 1.12 0.18	38.50 0.94 0.12
ROSETON____1 23587	44.41 1.91 0.00	38.64 1.91 0.00	35.14 1.58 0.00	33.58 1.35 0.00	32.55 1.28 0.00	34.11 1.34 0.00	43.56 1.56 0.00	48.12 1.63 0.00	39.83 1.64 0.00	36.97 1.73 0.00	34.09 1.68 0.00	35.37 1.78 0.00	36.03 1.84 0.00	37.36 1.98 0.00	37.92 2.11 0.00	40.14 2.34 0.00	46.21 2.45 0.00	50.27 2.12 0.00	58.68 1.82 0.00	56.70 1.49 0.00	49.99 1.26 0.00	45.04 1.18 0.00	42.58 1.20 0.00	38.89 1.21 0.00
ROSETON____2 23588	44.41 1.91 0.00	38.64 1.91 0.00	35.14 1.58 0.00	33.58 1.35 0.00	32.55 1.28 0.00	34.11 1.34 0.00	43.56 1.56 0.00	48.12 1.63 0.00	39.83 1.64 0.00	36.97 1.73 0.00	34.09 1.68 0.00	35.37 1.78 0.00	36.03 1.84 0.00	37.36 1.98 0.00	37.92 2.11 0.00	40.14 2.34 0.00	46.21 2.45 0.00	50.27 2.12 0.00	58.68 1.82 0.00	56.70 1.49 0.00	49.99 1.26 0.00	45.04 1.18 0.00	42.58 1.20 0.00	38.89 1.21 0.00
ROTTTRDAM_115KV_TB3 80664	43.39 0.89 0.00	37.65 0.92 0.00	34.50 0.94 0.00	33.07 0.84 0.00	32.08 0.81 0.00	33.66 0.88 0.00	42.89 0.88 0.00	47.33 0.84 0.00	38.69 0.50 0.00	35.64 0.39 0.00	32.73 0.32 0.00	33.86 0.27 0.00	34.39 0.21 0.00	35.59 0.21 0.00	36.09 0.29 0.00	38.21 0.42 0.00	44.24 0.48 0.00	48.83 0.67 0.00	57.83 0.97 0.00	56.20 0.99 0.00	49.61 0.88 0.00	44.60 0.75 0.00	42.12 0.74 0.00	38.36 0.68 0.00
RUSSELL____1 23602	39.72 -1.36 1.42	35.41 -0.84 0.48	32.87 -0.67 0.02	31.81 -0.42 0.00	30.73 -0.53 0.00	32.21 -0.56 0.00	39.49 -1.30 1.22	43.44 -1.16 1.89	37.43 -0.76 0.00	34.47 -0.78 0.00	31.73 -0.68 0.00	33.22 -0.37 0.00	33.92 -0.27 0.00	34.95 -0.42 0.00	35.34 -0.47 0.00	36.62 -1.06 0.12	41.68 -1.05 1.03	46.89 -0.63 0.64	54.86 -0.40 1.60	53.63 -0.22 1.36	46.62 -0.44 1.67	42.31 -0.57 0.97	39.38 -0.87 1.13	36.25 -0.68 0.76
RUSSELL____2 23532	39.72 -1.36 1.42	35.41 -0.84 0.48	32.87 -0.67 0.02	31.81 -0.42 0.00	30.73 -0.53 0.00	32.21 -0.56 0.00	39.49 -1.30 1.22	43.44 -1.16 1.89	37.43 -0.76 0.00	34.47 -0.78 0.00	31.73 -0.68 0.00	33.22 -0.37 0.00	33.92 -0.27 0.00	34.95 -0.42 0.00	35.34 -0.47 0.00	36.62 -1.06 0.12	41.68 -1.05 1.03	46.89 -0.63 0.64	54.86 -0.40 1.60	53.63 -0.22 1.36	46.62 -0.44 1.67	42.31 -0.57 0.97	39.38 -0.87 1.13	36.25 -0.68 0.76
RUSSELL____3 23549	39.72 -1.36 1.42	35.41 -0.84 0.48	32.87 -0.67 0.02	31.81 -0.42 0.00	30.73 -0.53 0.00	32.21 -0.56 0.00	39.49 -1.30 1.22	43.44 -1.16 1.89	37.43 -0.76 0.00	34.47 -0.78 0.00	31.73 -0.68 0.00	33.22 -0.37 0.00	33.92 -0.27 0.00	34.95 -0.42 0.00	35.34 -0.47 0.00	36.62 -1.06 0.12	41.68 -1.05 1.03	46.89 -0.63 0.64	54.86 -0.40 1.60	53.63 -0.22 1.36	46.62 -0.44 1.67	42.31 -0.57 0.97	39.38 -0.87 1.13	36.25 -0.68 0.76
RUSSELL____4 23556	39.72 -1.36 1.42	35.41 -0.84 0.48	32.87 -0.67 0.02	31.81 -0.42 0.00	30.73 -0.53 0.00	32.21 -0.56 0.00	39.49 -1.30 1.22	43.44 -1.16 1.89	37.43 -0.76 0.00	34.47 -0.78 0.00	31.73 -0.68 0.00	33.22 -0.37 0.00	33.92 -0.27 0.00	34.95 -0.42 0.00	35.34 -0.47 0.00	36.62 -1.06 0.12	41.68 -1.05 1.03	46.89 -0.63 0.64	54.86 -0.40 1.60	53.63 -0.22 1.36	46.62 -0.44 1.67	42.31 -0.57 0.97	39.38 -0.87 1.13	36.25 -0.68 0.76

RUSSELL___STATION 23914	39.72 -1.36 1.42	35.41 -0.84 0.48	32.87 -0.67 0.02	31.81 -0.42 0.00	30.73 -0.53 0.00	32.21 -0.56 0.00	39.49 -1.30 1.22	43.44 -1.16 1.89	37.43 -0.76 0.00	34.47 -0.78 0.00	31.73 -0.68 0.00	33.22 -0.37 0.00	33.92 -0.27 0.00	34.95 -0.42 0.00	35.34 -0.47 0.00	36.62 -1.06 0.12	41.68 -1.05 1.03	46.89 -0.63 0.64	54.86 -0.40 1.60	53.63 -0.22 1.36	46.62 -0.44 1.67	42.31 -0.57 0.97	39.38 -0.87 1.13	36.25 -0.68 0.76
S SALMON___HYD 24043	42.45 -0.34 -0.30	36.65 -0.18 -0.10	33.47 -0.10 0.00	32.26 0.03 0.00	31.23 -0.03 0.00	32.77 0.00 0.00	42.27 0.00 -0.26	46.85 -0.05 -0.40	37.81 -0.38 0.00	34.79 -0.46 0.00	31.89 -0.52 0.00	33.09 -0.50 0.00	33.71 -0.48 0.00	34.91 -0.46 0.00	35.23 -0.57 0.00	37.10 -0.72 -0.03	43.14 -0.83 -0.22	47.81 -0.48 -0.14	57.15 -0.06 -0.34	55.66 0.17 -0.29	49.08 0.00 -0.36	44.15 0.09 -0.21	41.54 -0.08 -0.24	37.69 -0.15 -0.16
S.PERRY___115KV_TB1 80734	41.24 -0.17 1.08	36.51 0.15 0.37	33.89 0.34 0.01	32.78 0.55 0.00	31.67 0.41 0.00	33.20 0.43 0.00	41.08 0.00 0.93	45.28 0.23 1.45	38.15 -0.04 0.00	34.90 -0.35 0.00	31.92 -0.49 0.00	33.36 -0.24 0.00	34.09 -0.10 0.00	35.16 -0.21 0.00	35.55 -0.25 0.00	36.98 -0.72 0.09	42.53 -0.44 0.79	48.14 0.48 0.50	57.16 1.54 1.24	55.98 1.82 1.05	48.65 1.22 1.29	44.03 0.92 0.75	40.92 0.41 0.88	37.51 0.41 0.59
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	38.51 -2.72 1.26	34.39 -1.91 0.43	31.97 -1.58 0.02	30.97 -1.26 0.00	29.92 -1.34 0.00	31.23 -1.54 0.00	38.15 -2.77 1.09	41.97 -2.84 1.69	36.43 -1.76 0.00	33.63 -1.62 0.00	30.89 -1.52 0.00	32.52 -1.07 0.00	33.16 -1.03 0.00	34.21 -1.17 0.00	34.62 -1.18 0.00	35.72 -1.97 0.11	40.39 -2.45 0.92	45.41 -2.17 0.58	53.03 -2.39 1.44	51.88 -2.10 1.22	45.03 -2.19 1.51	40.74 -2.24 0.88	37.87 -2.48 1.02	35.15 -1.85 0.68
SAWYER___23_KV_LOAD 55526	38.51 -2.72 1.26	34.39 -1.91 0.43	31.97 -1.58 0.02	30.97 -1.26 0.00	29.92 -1.34 0.00	31.23 -1.54 0.00	38.15 -2.77 1.09	41.97 -2.84 1.69	36.43 -1.76 0.00	33.63 -1.62 0.00	30.89 -1.52 0.00	32.52 -1.07 0.00	33.16 -1.03 0.00	34.21 -1.17 0.00	34.62 -1.18 0.00	35.72 -1.97 0.11	40.39 -2.45 0.92	45.41 -2.17 0.58	53.03 -2.39 1.44	51.88 -2.10 1.22	45.03 -2.19 1.51	40.74 -2.24 0.88	37.87 -2.48 1.02	35.15 -1.85 0.68
SELKIRK___I 23801	43.56 1.06 0.00	37.91 1.18 0.00	34.74 1.17 0.00	33.29 1.06 0.00	32.26 1.00 0.00	33.82 1.05 0.00	42.98 0.97 0.00	47.38 0.88 0.00	38.72 0.53 0.00	35.64 0.39 0.00	32.77 0.36 0.00	33.89 0.30 0.00	34.43 0.24 0.00	35.63 0.25 0.00	36.13 0.32 0.00	38.25 0.46 0.00	44.28 0.53 0.00	48.83 0.67 0.00	57.89 1.02 0.00	56.25 1.05 0.00	49.65 0.92 0.00	44.65 0.79 0.00	42.21 0.83 0.00	38.48 0.79 0.00
SELKIRK___II 23799	43.17 0.68 0.00	37.58 0.85 0.00	34.44 0.87 0.00	33.00 0.77 0.00	32.01 0.75 0.00	33.56 0.79 0.00	42.68 0.67 0.00	47.10 0.60 0.00	38.68 0.50 0.00	35.70 0.46 0.00	32.86 0.45 0.00	34.00 0.40 0.00	34.53 0.34 0.00	35.73 0.35 0.00	36.24 0.43 0.00	38.37 0.57 0.00	44.33 0.57 0.00	48.74 0.58 0.00	57.49 0.63 0.00	55.76 0.55 0.00	49.27 0.54 0.00	44.34 0.48 0.00	41.91 0.54 0.00	38.21 0.53 0.00
SENECA OSWGO___HYD 24041	42.34 -1.11 -0.95	36.17 -0.88 -0.32	32.84 -0.74 -0.01	31.58 -0.64 0.00	30.64 -0.63 0.00	32.05 -0.72 0.00	41.78 -1.05 -0.82	46.69 -1.07 -1.26	37.20 -0.99 0.00	34.30 -0.95 0.00	31.47 -0.94 0.00	32.65 -0.94 0.00	33.30 -0.89 0.00	34.42 -0.95 0.00	34.80 -1.00 0.00	36.78 -1.10 -0.08	43.35 -1.09 -0.69	47.58 -1.01 -0.44	56.94 -1.02 -1.10	55.15 -0.99 -0.93	48.95 -0.93 -1.15	43.65 -0.88 -0.67	41.17 -0.99 -0.78	37.26 -0.94 -0.52
SENECA___115KV_TB3 355854	38.93 -2.34 1.22	34.70 -1.62 0.42	32.24 -1.31 0.02	31.26 -0.97 0.00	30.20 -1.06 0.00	31.56 -1.21 0.00	38.60 -2.35 1.06	43.00 -1.86 1.64	36.74 -1.45 0.00	33.94 -1.30 0.00	31.08 -1.33 0.00	32.75 -0.84 0.00	33.44 -0.75 0.00	34.53 -0.85 0.00	34.95 -0.86 0.00	36.14 -1.55 0.11	40.94 -1.92 0.89	46.05 -1.54 0.56	53.59 -1.88 1.40	52.42 -1.60 1.19	45.46 -1.80 1.46	41.17 -1.84 0.85	38.23 -2.15 0.99	35.29 -1.73 0.66
SENECA___ENERGY 23797	41.81 -0.68 0.00	36.30 -0.44 0.00	33.23 -0.34 0.00	32.00 -0.22 0.00	31.05 -0.22 0.00	32.51 -0.26 0.00	41.42 -0.59 0.00	46.12 -0.37 0.00	37.65 -0.53 0.00	34.68 -0.57 0.00	31.76 -0.65 0.00	33.05 -0.54 0.00	33.74 -0.45 0.00	34.88 -0.50 0.00	35.27 -0.54 0.00	37.04 -0.76 0.00	43.15 -0.61 0.00	47.65 -0.39 0.12	56.29 -0.28 0.30	54.74 -0.22 0.25	48.13 -0.29 0.31	43.42 -0.26 0.18	40.67 -0.49 0.21	37.05 -0.49 0.14
SHOEMAKER___GT 23640	44.15 1.66 0.00	38.39 1.65 0.00	34.94 1.38 0.00	33.42 1.19 0.00	32.39 1.12 0.00	33.95 1.18 0.00	43.35 1.34 0.00	47.89 1.39 0.00	39.53 1.34 0.00	36.62 1.37 0.00	33.74 1.33 0.00	35.00 1.41 0.00	35.69 1.50 0.00	36.97 1.59 0.00	37.52 1.72 0.00	39.72 1.93 0.00	45.86 2.10 0.00	49.99 1.83 0.00	58.63 1.76 0.00	56.64 1.43 0.00	49.90 1.17 0.00	44.91 1.05 0.00	42.45 1.07 0.00	38.70 1.02 0.00
SHOEMAKR_138KV_BK 111 55601	44.15 1.66 0.00	38.39 1.65 0.00	34.97 1.41 0.00	33.42 1.19 0.00	32.36 1.09 0.00	33.95 1.18 0.00	43.35 1.34 0.00	48.03 1.53 0.00	39.53 1.34 0.00	36.66 1.41 0.00	33.74 1.33 0.00	35.07 1.48 0.00	35.73 1.54 0.00	37.04 1.66 0.00	37.56 1.75 0.00	39.80 2.00 0.00	45.99 2.23 0.00	50.08 1.93 0.00	58.68 1.82 0.00	56.64 1.44 0.00	49.90 1.17 0.00	44.95 1.10 0.00	42.45 1.08 0.00	38.63 0.94 0.00
SHOREHAM_IC_1 23715	46.58 4.08 -0.01	41.23 4.15 -0.34	37.06 3.49 -0.01	35.26 3.03 0.00	34.24 2.97 0.00	35.82 3.05 0.00	45.58 3.57 0.00	50.03 3.53 0.00	41.86 3.67 0.00	38.95 3.70 0.00	38.39 3.50 -2.48	40.28 3.70 -2.99	44.89 3.90 -6.80	44.08 3.47 -5.24	48.86 3.58 -9.47	49.79 4.31 -7.68	51.50 4.81 -2.93	58.59 4.48 -5.95	60.84 3.98 0.00	58.52 3.31 0.00	52.33 3.61 0.00	46.80 2.94 -0.01	44.69 3.31 0.00	40.92 3.24 0.00
SHOREHAM_IC_2 23716	46.58 4.08 -0.01	41.23 4.15 -0.34	37.06 3.49 -0.01	35.26 3.03 0.00	34.24 2.97 0.00	35.82 3.05 0.00	45.58 3.57 0.00	50.03 3.53 0.00	41.86 3.67 0.00	38.95 3.70 0.00	38.39 3.50 -2.48	40.28 3.70 -2.99	44.89 3.90 -6.80	44.08 3.47 -5.24	48.86 3.58 -9.47	49.79 4.31 -7.68	51.50 4.81 -2.93	58.59 4.48 -5.95	60.84 3.98 0.00	58.52 3.31 0.00	52.33 3.61 0.00	46.80 2.94 -0.01	44.69 3.31 0.00	40.92 3.24 0.00
SISSONVILLE___ 23735	42.96 0.47 0.00	36.88 0.15 0.00	33.67 0.10 0.00	32.42 0.19 0.00	31.42 0.16 0.00	32.97 0.20 0.00	42.81 0.80 0.00	47.05 0.56 0.00	38.53 0.34 0.00	35.39 0.14 0.00	32.54 0.13 0.00	33.66 0.07 0.00	34.26 0.07 0.00	35.45 0.07 0.00	35.38 -0.43 0.00	36.89 -0.91 0.00	42.53 -1.23 0.00	46.71 -1.44 0.00	55.50 -1.36 0.00	54.32 -0.88 0.00	48.29 -0.44 0.00	43.77 -0.09 0.00	41.83 0.46 0.00	38.25 0.57 0.00

SITHE_IND_GS1 24169	31.62 -1.57 9.30	32.28 -1.29 3.17	32.30 -1.14 0.12	31.20 -1.03 0.00	30.26 -1.00 0.00	31.69 -1.08 0.00	32.43 -1.55 8.03	32.44 -1.63 12.43	36.78 -1.41 0.00	33.91 -1.34 0.00	31.14 -1.26 0.00	32.35 -1.24 0.00	32.96 -1.23 0.00	34.10 -1.27 0.00	34.48 -1.32 0.00	35.55 -1.44 0.81	35.43 -1.57 6.76	42.16 -1.59 4.41	44.10 -1.76 11.00	44.11 -1.77 9.33	35.66 -1.56 11.51	35.68 -1.49 6.69	32.10 -1.49 7.79	31.12 -1.36 5.21
SITHE_IND_GS2 24170	31.62 -1.57 9.30	32.28 -1.29 3.17	32.30 -1.14 0.12	31.20 -1.03 0.00	30.26 -1.00 0.00	31.69 -1.08 0.00	32.43 -1.55 8.03	32.44 -1.63 12.43	36.78 -1.41 0.00	33.91 -1.34 0.00	31.14 -1.26 0.00	32.35 -1.24 0.00	32.96 -1.23 0.00	34.10 -1.27 0.00	34.48 -1.32 0.00	35.55 -1.44 0.81	35.43 -1.57 6.76	42.16 -1.59 4.41	44.10 -1.76 11.00	44.11 -1.77 9.33	35.66 -1.56 11.51	35.68 -1.49 6.69	32.10 -1.49 7.79	31.12 -1.36 5.21
SITHE_IND_GS3 24171	31.62 -1.57 9.30	32.28 -1.29 3.17	32.30 -1.14 0.12	31.20 -1.03 0.00	30.26 -1.00 0.00	31.69 -1.08 0.00	32.43 -1.55 8.03	32.44 -1.63 12.43	36.78 -1.41 0.00	33.91 -1.34 0.00	31.14 -1.26 0.00	32.35 -1.24 0.00	32.96 -1.23 0.00	34.10 -1.27 0.00	34.48 -1.32 0.00	35.55 -1.44 0.81	35.43 -1.57 6.76	42.16 -1.59 4.41	44.10 -1.76 11.00	44.11 -1.77 9.33	35.66 -1.56 11.51	35.68 -1.49 6.69	32.10 -1.49 7.79	31.12 -1.36 5.21
SITHE_IND_GS4 24172	31.62 -1.57 9.30	32.28 -1.29 3.17	32.30 -1.14 0.12	31.20 -1.03 0.00	30.26 -1.00 0.00	31.69 -1.08 0.00	32.43 -1.55 8.03	32.44 -1.63 12.43	36.78 -1.41 0.00	33.91 -1.34 0.00	31.14 -1.26 0.00	32.35 -1.24 0.00	32.96 -1.23 0.00	34.10 -1.27 0.00	34.48 -1.32 0.00	35.55 -1.44 0.81	35.43 -1.57 6.76	42.16 -1.59 4.41	44.10 -1.76 11.00	44.11 -1.77 9.33	35.66 -1.56 11.51	35.68 -1.49 6.69	32.10 -1.49 7.79	31.12 -1.36 5.21
SITHE___BATAVIA 24024	39.62 -1.53 1.34	35.40 -0.88 0.46	32.91 -0.64 0.02	31.94 -0.29 0.00	30.80 -0.47 0.00	32.31 -0.46 0.00	39.42 -1.43 1.16	43.91 -0.79 1.79	37.43 -0.76 0.00	34.37 -0.88 0.00	31.57 -0.84 0.00	33.15 -0.44 0.00	33.88 -0.31 0.00	34.95 -0.42 0.00	35.34 -0.47 0.00	36.43 -1.25 0.12	41.60 -1.18 0.97	47.02 -0.53 0.61	54.88 -0.46 1.52	53.75 -0.17 1.29	46.60 -0.53 1.59	42.32 -0.61 0.93	39.27 -1.03 1.08	36.13 -0.83 0.72
SITHE___INDEPEND 23800	31.62 -1.57 9.30	32.28 -1.29 3.17	32.30 -1.14 0.12	31.20 -1.03 0.00	30.26 -1.00 0.00	31.66 -1.11 0.00	32.43 -1.55 8.03	32.39 -1.67 12.43	36.78 -1.41 0.00	33.91 -1.34 0.00	31.18 -1.23 0.00	32.35 -1.24 0.00	32.96 -1.23 0.00	34.10 -1.27 0.00	34.48 -1.32 0.00	35.55 -1.44 0.81	35.43 -1.58 6.76	42.16 -1.59 4.41	44.04 -1.82 11.00	44.11 -1.77 9.33	35.66 -1.56 11.51	35.68 -1.49 6.69	32.09 -1.49 7.79	31.12 -1.36 5.21
SITHE___MASSENA 23902	42.96 0.47 0.00	36.88 0.15 0.00	33.67 0.10 0.00	32.33 0.10 0.00	31.39 0.13 0.00	32.87 0.10 0.00	42.60 0.59 0.00	46.91 0.42 0.00	38.57 0.38 0.00	35.50 0.25 0.00	32.67 0.26 0.00	33.76 0.17 0.00	34.40 0.21 0.00	35.55 0.18 0.00	35.70 -0.11 0.00	37.49 -0.30 0.00	43.41 -0.35 0.00	47.68 -0.48 0.00	56.58 -0.28 0.00	55.15 -0.06 0.00	48.83 0.10 0.00	44.12 0.26 0.00	41.91 0.54 0.00	38.17 0.49 0.00
SITHE___OGDNSBRG 24021	43.56 1.06 0.00	37.32 0.59 0.00	34.04 0.47 0.00	32.78 0.55 0.00	31.73 0.47 0.00	33.33 0.56 0.00	43.27 1.26 0.00	47.52 1.02 0.00	38.84 0.65 0.00	35.60 0.35 0.00	32.73 0.32 0.00	33.83 0.24 0.00	34.46 0.27 0.00	35.62 0.25 0.00	35.70 -0.11 0.00	37.34 -0.45 0.00	43.23 -0.53 0.00	47.68 -0.48 0.00	56.69 -0.17 0.00	55.59 0.39 0.00	49.26 0.54 0.00	44.56 0.70 0.00	42.41 1.03 0.00	38.66 0.98 0.00
SITHE___STERLING 23777	42.92 0.68 0.25	37.34 0.70 0.09	34.27 0.71 0.00	33.00 0.77 0.00	31.95 0.69 0.00	33.52 0.75 0.00	42.76 0.97 0.22	47.13 0.98 0.34	38.65 0.46 0.00	35.60 0.35 0.00	32.64 0.23 0.00	33.86 0.27 0.00	34.46 0.27 0.00	35.73 0.35 0.00	36.13 0.32 0.00	38.04 0.27 0.02	43.92 0.35 0.18	48.75 0.72 0.13	57.80 1.25 0.32	56.37 1.43 0.27	49.52 1.12 0.33	44.59 0.92 0.19	41.90 0.75 0.22	38.14 0.60 0.15
SLEIGHT__34_KV_TB1 80719	39.18 -1.87 1.45	34.85 -1.40 0.49	32.40 -1.14 0.02	31.29 -0.93 0.00	30.26 -1.00 0.00	31.72 -1.05 0.00	38.95 -1.81 1.25	42.80 -1.77 1.93	36.85 -1.34 0.00	33.94 -1.30 0.00	31.21 -1.20 0.00	32.58 -1.01 0.00	33.23 -0.96 0.00	34.28 -1.10 0.00	34.62 -1.18 0.00	36.01 -1.66 0.13	40.96 -1.75 1.05	46.71 -0.96 0.48	54.86 -0.80 1.21	53.52 -0.66 1.02	46.69 -0.78 1.26	42.29 -0.83 0.73	39.49 -1.03 0.86	36.21 -0.90 0.57
SOUTH CAIRO___GT 23612	44.70 2.21 0.00	38.90 2.17 0.00	35.58 2.01 0.00	34.10 1.87 0.00	33.05 1.78 0.00	34.67 1.90 0.00	44.15 2.14 0.00	48.63 2.14 0.00	39.26 1.07 0.00	35.85 0.60 0.00	32.80 0.39 0.00	34.00 0.40 0.00	34.53 0.34 0.00	35.69 0.32 0.00	36.27 0.47 0.00	38.55 0.76 0.00	44.94 1.18 0.00	49.79 1.64 0.00	59.65 2.79 0.00	57.97 2.76 0.00	51.02 2.29 0.00	45.74 1.89 0.00	43.24 1.86 0.00	39.38 1.70 0.00
SOUTH HAMPTN___IC 23720	47.05 4.55 -0.01	41.52 4.44 -0.34	37.30 3.73 -0.01	35.48 3.25 0.00	34.48 3.22 0.00	36.08 3.31 0.00	45.83 3.82 0.00	50.31 3.81 0.00	42.12 3.93 0.00	39.30 4.05 0.00	38.81 3.92 -2.48	40.75 4.16 -2.99	45.43 4.44 -6.80	44.82 4.21 -5.24	49.64 4.37 -9.47	50.51 5.03 -7.68	52.29 5.60 -2.93	68.03 5.30 -14.58	61.75 4.89 0.00	59.35 4.14 0.00	52.92 4.19 0.00	47.29 3.42 -0.01	45.06 3.68 0.00	41.27 3.58 0.00
SOUTHDOW_115KV_TB1 355954	40.21 -1.19 1.09	35.70 -0.66 0.37	33.21 -0.34 0.01	32.10 -0.13 0.00	31.05 -0.22 0.00	32.48 -0.29 0.00	40.15 -0.92 0.94	44.39 -0.65 1.45	38.04 -0.15 0.00	35.28 0.04 0.00	32.34 -0.06 0.00	34.13 0.54 0.00	34.84 0.65 0.00	35.98 0.60 0.00	36.52 0.72 0.00	37.74 0.04 0.09	42.79 -0.18 0.79	47.99 0.34 0.50	56.24 0.63 1.25	54.92 0.77 1.06	47.32 -0.10 1.31	42.48 -0.61 0.76	39.38 -1.12 0.89	36.22 -0.87 0.59
SOUTHOLD_69_KV_BK 2 55809	47.55 5.06 0.00	41.85 4.78 -0.34	37.59 4.03 0.00	35.74 3.51 0.00	34.64 3.38 0.00	36.38 3.60 0.00	46.13 4.12 0.00	50.96 4.46 0.00	42.39 4.20 0.00	39.69 4.44 0.00	39.23 4.34 -2.48	41.32 4.74 -2.99	45.95 4.96 -6.80	45.63 5.02 -5.24	50.29 5.01 -9.47	51.34 5.86 -7.68	53.25 6.56 -2.93	69.28 6.12 -15.01	62.15 5.29 0.00	58.85 3.64 0.00	52.77 4.04 0.00	47.63 3.77 0.00	45.14 3.77 0.00	41.15 3.47 0.00
SOUTHOLD___IC 23719	47.56 5.05 -0.01	41.85 4.77 -0.34	37.53 3.96 -0.01	35.74 3.51 0.00	34.73 3.47 0.00	36.31 3.54 0.00	46.13 4.12 0.00	50.59 4.09 0.00	42.43 4.24 0.00	39.65 4.41 0.00	39.23 4.34 -2.48	41.29 4.70 -2.99	46.09 5.10 -6.80	45.53 4.92 -5.24	50.40 5.12 -9.47	51.26 5.78 -7.68	53.12 6.43 -2.93	69.38 6.21 -15.01	62.72 5.86 0.00	60.18 4.97 0.00	53.55 4.83 0.00	47.73 3.86 -0.01	45.48 4.10 0.00	41.60 3.92 0.00

SOUTH_FORK_WT_PWR 323839	47.39 -4.88 -0.01	41.71 4.63 -0.34	37.36 3.79 -0.01	35.58 3.35 0.00	34.61 3.35 0.00	36.15 3.38 0.00	45.92 3.91 0.00	50.35 3.86 0.00	42.20 4.01 0.00	39.51 4.26 0.00	39.20 4.31 -2.48	41.32 4.74 -2.99	46.12 5.13 -6.80	45.60 4.99 -5.24	50.47 5.19 -9.47	51.30 5.82 -7.68	53.08 6.39 -2.93	69.07 6.17 -14.75	62.55 5.69 0.00	60.01 4.80 0.00	53.36 4.63 0.00	47.46 3.60 -0.01	45.27 3.89 0.00	41.45 3.77 0.00
SPIERFLS_115KV_TB 1 80737	43.73 1.23 0.00	37.98 1.25 0.00	34.87 1.31 0.00	33.42 1.19 0.00	32.36 1.09 0.00	34.02 1.25 0.00	43.35 1.34 0.00	47.57 1.07 0.00	38.61 0.42 0.00	35.42 0.18 0.00	32.34 -0.06 0.00	33.42 -0.17 0.00	33.78 -0.41 0.00	34.85 -0.53 0.00	35.34 -0.47 0.00	37.50 -0.30 0.00	43.50 -0.26 0.00	48.30 0.14 0.00	57.94 1.08 0.00	56.53 1.32 0.00	49.80 1.07 0.00	44.73 0.88 0.00	42.41 1.03 0.00	38.55 0.87 0.00
ST LAWRENCE____ 23600	42.54 0.04 0.00	36.52 -0.22 0.00	33.33 -0.23 0.00	32.00 -0.22 0.00	31.05 -0.22 0.00	32.54 -0.23 0.00	42.14 0.13 0.00	46.50 0.00 0.00	38.27 0.08 0.00	35.25 0.00 0.00	32.41 0.00 0.00	33.56 -0.03 0.00	34.15 -0.03 0.00	35.31 -0.07 0.00	35.63 -0.18 0.00	37.49 -0.30 0.00	43.45 -0.30 0.00	47.72 -0.43 0.00	56.52 -0.34 0.00	54.99 -0.22 0.00	48.68 -0.05 0.00	43.90 0.04 0.00	41.54 0.17 0.00	37.80 0.11 0.00
STATE_CA_115KV_115_LB 55624	43.34 0.85 0.00	37.76 1.03 0.00	34.64 1.07 0.00	33.20 0.97 0.00	32.17 0.91 0.00	33.79 1.02 0.00	42.89 0.88 0.00	47.29 0.79 0.00	38.80 0.61 0.00	35.78 0.53 0.00	32.89 0.49 0.00	34.00 0.40 0.00	34.53 0.34 0.00	35.69 0.32 0.00	36.23 0.43 0.00	38.40 0.60 0.00	44.33 0.57 0.00	48.78 0.63 0.00	57.72 0.85 0.00	56.03 0.83 0.00	49.46 0.73 0.00	44.52 0.66 0.00	42.08 0.70 0.00	38.36 0.68 0.00
STATE_ST_34_KV_LOAD 55959	42.24 -0.25 0.00	36.62 -0.11 0.00	33.53 -0.03 0.00	32.26 0.03 0.00	31.30 0.03 0.00	32.77 0.00 0.00	41.88 -0.13 0.00	46.45 -0.05 0.00	37.96 -0.23 0.00	34.97 -0.28 0.00	32.05 -0.36 0.00	33.29 -0.30 0.00	33.95 -0.24 0.00	35.09 -0.28 0.00	35.48 -0.32 0.00	37.38 -0.42 0.00	43.50 -0.26 0.00	48.06 -0.10 0.00	57.03 0.17 0.00	55.43 0.22 0.00	48.83 0.10 0.00	43.86 0.00 0.00	41.17 -0.21 0.00	37.46 -0.23 0.00
STATION 5_MISC_HYD 23604	39.55 -1.53 1.41	35.26 -0.99 0.48	32.71 -0.84 0.02	31.68 -0.55 0.00	30.61 -0.66 0.00	32.08 -0.69 0.00	39.32 -1.47 1.22	43.58 -1.02 1.89	37.27 -0.92 0.00	34.33 -0.92 0.00	31.57 -0.84 0.00	33.02 -0.57 0.00	33.74 -0.45 0.00	34.85 -0.53 0.00	35.16 -0.64 0.00	36.50 -1.17 0.12	41.59 -1.14 1.03	46.80 -0.72 0.64	54.59 -0.68 1.60	53.30 -0.55 1.35	46.33 -0.73 1.67	42.10 -0.79 0.97	39.17 -1.08 1.13	35.99 -0.94 0.76
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	40.35 -1.10 1.04	35.65 -0.73 0.35	33.01 -0.54 0.01	31.87 -0.35 0.00	30.83 -0.44 0.00	32.31 -0.46 0.00	40.11 -1.01 0.89	44.18 -0.93 1.39	37.46 -0.73 0.00	34.51 -0.74 0.00	31.73 -0.68 0.00	33.09 -0.50 0.00	33.78 -0.41 0.00	34.85 -0.53 0.00	35.23 -0.57 0.00	36.72 -0.98 0.09	42.04 -0.96 0.75	47.06 -0.63 0.47	55.24 -0.45 1.17	53.88 -0.33 0.99	47.02 -0.49 1.23	42.66 -0.48 0.71	39.80 -0.74 0.83	36.49 -0.64 0.55
STA_56_34_KV_BUS2_REV_LBMP_B 345033	39.33 -1.74 1.42	35.04 -1.21 0.48	32.54 -1.01 0.02	31.49 -0.74 0.00	30.42 -0.84 0.00	31.89 -0.88 0.00	39.11 -1.68 1.22	42.97 -1.63 1.90	37.04 -1.15 0.00	34.12 -1.13 0.00	31.44 -0.97 0.00	32.85 -0.74 0.00	33.54 -0.65 0.00	34.56 -0.81 0.00	34.95 -0.86 0.00	36.28 -1.40 0.12	41.28 -1.44 1.03	46.37 -1.16 0.63	54.20 -1.08 1.58	52.98 -0.88 1.34	46.05 -1.02 1.65	41.84 -1.05 0.96	38.98 -1.28 1.12	35.88 -1.06 0.75
STA_56____34_KV_BUS2 355983	39.33 -1.74 1.42	35.04 -1.21 0.48	32.54 -1.01 0.02	31.49 -0.74 0.00	30.42 -0.84 0.00	31.89 -0.88 0.00	39.11 -1.68 1.22	42.97 -1.63 1.90	37.04 -1.15 0.00	34.12 -1.13 0.00	31.44 -0.97 0.00	32.85 -0.74 0.00	33.54 -0.65 0.00	34.56 -0.81 0.00	34.95 -0.86 0.00	36.28 -1.40 0.12	41.28 -1.44 1.03	46.37 -1.16 0.63	54.20 -1.08 1.58	52.98 -0.88 1.34	46.05 -1.02 1.65	41.84 -1.05 0.96	38.98 -1.28 1.12	35.88 -1.06 0.75
STA_67____115KV_BK2 355882	39.51 -1.57 1.41	35.19 -1.07 0.48	32.67 -0.87 0.02	31.62 -0.61 0.00	30.55 -0.72 0.00	32.02 -0.75 0.00	39.23 -1.55 1.22	43.12 -1.49 1.89	37.20 -0.99 0.00	34.26 -0.99 0.00	31.53 -0.88 0.00	32.99 -0.60 0.00	33.68 -0.51 0.00	34.74 -0.64 0.00	35.12 -0.68 0.00	36.43 -1.25 0.12	41.42 -1.31 1.03	46.55 -0.96 0.64	54.41 -0.85 1.60	53.19 -0.66 1.36	46.23 -0.83 1.67	41.96 -0.92 0.97	39.09 -1.16 1.13	36.02 -0.90 0.76
STA_7____115KV_9TRANS 80674	39.72 -1.36 1.42	35.41 -0.84 0.48	32.87 -0.67 0.02	31.81 -0.42 0.00	30.73 -0.53 0.00	32.21 -0.56 0.00	39.49 -1.30 1.22	43.44 -1.16 1.89	37.43 -0.76 0.00	34.47 -0.78 0.00	31.73 -0.68 0.00	33.22 -0.37 0.00	33.92 -0.27 0.00	34.95 -0.42 0.00	35.34 -0.47 0.00	36.62 -1.06 0.12	41.68 -1.05 1.03	46.89 -0.63 0.64	54.86 -0.40 1.60	53.63 -0.22 1.36	46.62 -0.44 1.67	42.31 -0.57 0.97	39.38 -0.87 1.13	36.25 -0.68 0.76
STA_82____115KV_TB1 80780	39.47 -1.61 1.41	35.15 -1.10 0.48	32.67 -0.87 0.02	31.58 -0.64 0.00	30.51 -0.75 0.00	31.98 -0.79 0.00	39.20 -1.60 1.21	43.13 -1.49 1.88	37.16 -1.03 0.00	34.26 -0.99 0.00	31.53 -0.88 0.00	32.95 -0.64 0.00	33.64 -0.55 0.00	34.70 -0.67 0.00	35.09 -0.72 0.00	36.39 -1.29 0.12	41.38 -1.36 1.02	46.51 -1.01 0.64	54.37 -0.91 1.59	53.14 -0.72 1.35	46.19 -0.88 1.66	41.97 -0.92 0.96	39.05 -1.20 1.12	35.99 -0.94 0.75
STEEL____WIND 323596	38.89 -2.38 1.22	34.70 -1.62 0.42	32.21 -1.34 0.02	31.23 -1.00 0.00	30.17 -1.10 0.00	31.53 -1.25 0.00	38.56 -2.39 1.06	42.95 -1.91 1.64	36.70 -1.49 0.00	33.91 -1.34 0.00	31.05 -1.36 0.00	32.72 -0.87 0.00	33.40 -0.78 0.00	34.49 -0.88 0.00	34.91 -0.89 0.00	36.10 -1.59 0.11	40.90 -1.97 0.89	46.01 -1.59 0.56	53.53 -1.93 1.40	52.36 -1.65 1.19	45.41 -1.85 1.46	41.12 -1.88 0.85	38.19 -2.19 0.99	35.25 -1.77 0.66
STEPHTWN_115KV_BK_2 55603	43.56 1.06 0.00	37.95 1.21 0.00	34.81 1.24 0.00	33.36 1.13 0.00	32.33 1.06 0.00	33.92 1.15 0.00	43.14 1.13 0.00	47.57 1.07 0.00	38.95 0.76 0.00	35.92 0.67 0.00	32.99 0.58 0.00	34.10 0.50 0.00	34.63 0.44 0.00	35.76 0.39 0.00	36.31 0.50 0.00	38.48 0.68 0.00	44.46 0.70 0.00	48.98 0.82 0.00	58.06 1.19 0.00	56.42 1.21 0.00	49.75 1.02 0.00	44.78 0.92 0.00	42.29 0.91 0.00	38.55 0.87 0.00
STEUBEN_REC_LFGE 323667	41.04 -0.72 0.73	36.15 -0.33 0.25	33.42 -0.13 0.01	32.29 0.06 0.00	31.26 0.00 0.00	32.71 -0.07 0.00	40.83 -0.55 0.63	45.15 -0.37 0.98	37.73 -0.46 0.00	34.72 -0.53 0.00	31.73 -0.68 0.00	33.19 -0.40 0.00	33.88 -0.31 0.00	35.02 -0.35 0.00	35.41 -0.39 0.00	36.90 -0.83 0.06	42.48 -0.74 0.53	47.67 -0.14 0.34	56.58 0.57 0.85	55.37 0.88 0.72	48.13 0.29 0.89	43.38 0.04 0.52	40.36 -0.41 0.60	37.02 -0.26 0.40

STILLWATER___SOLAR 323814	43.98 1.49 0.00	38.24 1.51 0.00	35.08 1.51 0.00	33.61 1.38 0.00	32.58 1.31 0.00	34.21 1.44 0.00	43.52 1.51 0.00	47.94 1.44 0.00	39.07 0.88 0.00	35.85 0.60 0.00	32.86 0.45 0.00	33.93 0.34 0.00	34.36 0.17 0.00	35.52 0.14 0.00	36.02 0.22 0.00	38.25 0.46 0.00	44.33 0.57 0.00	49.12 0.96 0.00	58.45 1.59 0.00	56.97 1.77 0.00	50.29 1.56 0.00	45.17 1.31 0.00	42.74 1.36 0.00	38.89 1.21 0.00
STONY___BROOK 24151	46.54 4.04 -0.01	41.01 3.93 -0.34	36.90 3.32 -0.01	35.10 2.87 0.00	34.05 2.78 0.00	35.66 2.88 0.00	45.37 3.36 0.00	49.80 3.30 0.00	41.70 3.51 0.00	38.81 3.56 0.00	38.26 3.37 -2.48	40.11 3.53 -2.99	44.69 3.69 -6.80	44.32 3.71 -5.24	49.14 3.87 -9.47	49.86 4.38 -7.68	51.47 4.77 -2.94	50.69 4.14 1.61	60.67 3.81 0.00	58.35 3.15 0.00	52.24 3.51 0.00	46.98 3.11 -0.01	44.69 3.31 0.00	40.73 3.05 0.00
STURGEON_POOL_HYD 23609	44.66 2.17 0.00	38.86 2.13 0.00	35.34 1.78 0.00	33.74 1.51 0.00	32.70 1.44 0.00	34.28 1.51 0.00	43.77 1.76 0.00	48.50 2.00 0.00	39.87 1.68 0.00	36.90 1.66 0.00	34.00 1.59 0.00	35.34 1.75 0.00	36.00 1.81 0.00	37.39 2.02 0.00	37.92 2.11 0.00	40.22 2.42 0.00	46.47 2.71 0.00	50.56 2.41 0.00	59.25 2.39 0.00	57.14 1.93 0.00	50.34 1.61 0.00	45.35 1.49 0.00	42.83 1.45 0.00	39.00 1.32 0.00
ST_LAW_115_BK7_LBMP 345037	42.54 0.04 0.00	36.52 -0.22 0.00	33.33 -0.23 0.00	32.00 -0.22 0.00	31.05 -0.22 0.00	32.54 -0.23 0.00	42.14 0.13 0.00	46.50 0.00 0.00	38.27 0.08 0.00	35.25 0.00 0.00	32.41 0.00 0.00	33.53 -0.07 0.00	34.15 -0.03 0.00	35.31 -0.07 0.00	35.59 -0.21 0.00	37.46 -0.34 0.00	43.41 -0.35 0.00	47.63 -0.53 0.00	56.41 -0.46 0.00	54.93 -0.27 0.00	48.63 -0.10 0.00	43.90 0.04 0.00	41.54 0.17 0.00	37.83 0.15 0.00
ST_LAW_115_BK8_LBMP 345038	42.54 0.04 0.00	36.52 -0.22 0.00	33.33 -0.23 0.00	32.00 -0.22 0.00	31.05 -0.22 0.00	32.54 -0.23 0.00	42.14 0.13 0.00	46.50 0.00 0.00	38.27 0.08 0.00	35.25 0.00 0.00	32.41 0.00 0.00	33.53 -0.07 0.00	34.15 -0.03 0.00	35.31 -0.07 0.00	35.59 -0.21 0.00	37.46 -0.34 0.00	43.41 -0.35 0.00	47.63 -0.53 0.00	56.41 -0.46 0.00	54.93 -0.27 0.00	48.63 -0.10 0.00	43.90 0.04 0.00	41.54 0.17 0.00	37.83 0.15 0.00
ST_LAW_230_BK5_LBMP 345035	42.54 0.04 0.00	36.52 -0.22 0.00	33.33 -0.23 0.00	32.00 -0.22 0.00	31.05 -0.22 0.00	32.54 -0.23 0.00	42.14 0.13 0.00	46.50 0.00 0.00	38.27 0.08 0.00	35.25 0.00 0.00	32.41 0.00 0.00	33.56 -0.03 0.00	34.15 -0.03 0.00	35.31 -0.07 0.00	35.63 -0.18 0.00	37.49 -0.30 0.00	43.45 -0.30 0.00	47.72 -0.43 0.00	56.52 -0.34 0.00	54.99 -0.22 0.00	48.68 -0.05 0.00	43.90 0.04 0.00	41.54 0.17 0.00	37.80 0.11 0.00
ST_LAW_230_BK6_LBMP 345036	42.54 0.04 0.00	36.52 -0.22 0.00	33.33 -0.23 0.00	32.00 -0.22 0.00	31.05 -0.22 0.00	32.54 -0.23 0.00	42.14 0.13 0.00	46.50 0.00 0.00	38.27 0.08 0.00	35.25 0.00 0.00	32.41 0.00 0.00	33.56 -0.03 0.00	34.15 -0.03 0.00	35.31 -0.07 0.00	35.63 -0.18 0.00	37.49 -0.30 0.00	43.45 -0.30 0.00	47.72 -0.43 0.00	56.52 -0.34 0.00	54.99 -0.22 0.00	48.68 -0.05 0.00	43.90 0.04 0.00	41.54 0.17 0.00	37.80 0.11 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	44.36 1.87 0.00	38.57 1.84 0.00	35.11 1.54 0.00	33.55 1.32 0.00	32.48 1.22 0.00	34.08 1.31 0.00	43.52 1.51 0.00	48.26 1.77 0.00	39.75 1.57 0.00	36.90 1.66 0.00	34.00 1.59 0.00	35.31 1.71 0.00	36.00 1.81 0.00	37.36 1.98 0.00	37.88 2.08 0.00	40.18 2.38 0.00	46.34 2.58 0.00	50.42 2.26 0.00	58.97 2.10 0.00	56.86 1.66 0.00	50.04 1.32 0.00	45.13 1.27 0.00	42.62 1.24 0.00	38.78 1.09 0.00
SWANROAD_115KV_TB1 355699	37.63 -3.57 1.30	33.69 -2.61 0.44	31.33 -2.22 0.02	30.36 -1.87 0.00	29.33 -1.94 0.00	30.61 -2.16 0.00	37.24 -3.65 1.12	40.91 -3.86 1.73	35.71 -2.48 0.00	32.92 -2.33 0.00	30.24 -2.17 0.00	31.81 -1.78 0.00	32.45 -1.74 0.00	33.47 -1.91 0.00	33.87 -1.93 0.00	34.89 -2.80 0.11	39.45 -3.37 0.94	44.39 -3.18 0.59	51.69 -3.70 1.48	50.64 -3.31 1.25	43.92 -3.26 1.55	39.89 -3.07 0.90	37.02 -3.31 1.05	34.46 -2.52 0.70
SYNERGY___BIOGAS 323694	39.62 -1.53 1.34	35.40 -0.88 0.46	32.94 -0.60 0.02	31.94 -0.29 0.00	30.80 -0.47 0.00	32.28 -0.49 0.00	39.42 -1.43 1.16	43.45 -1.26 1.79	37.43 -0.76 0.00	34.37 -0.88 0.00	31.60 -0.81 0.00	33.19 -0.40 0.00	33.88 -0.31 0.00	34.92 -0.46 0.00	35.34 -0.47 0.00	36.40 -1.29 0.12	41.47 -1.31 0.97	46.82 -0.72 0.61	54.94 -0.40 1.52	53.80 -0.11 1.29	46.65 -0.49 1.59	42.32 -0.61 0.93	39.26 -1.03 1.08	36.28 -0.68 0.72
SYRACUSE___ENERGY_ST1 323597	42.33 -0.42 -0.26	36.53 -0.29 -0.09	33.37 -0.20 0.00	32.07 -0.16 0.00	31.11 -0.16 0.00	32.57 -0.42 0.00	41.82 -0.42 -0.23	46.48 -0.37 -0.35	37.73 -0.46 0.00	34.79 -0.46 0.00	31.92 -0.49 0.00	33.12 -0.47 0.00	33.78 -0.41 0.00	34.95 -0.42 0.00	35.30 -0.50 0.00	37.25 -0.57 -0.02	43.42 -0.53 -0.19	47.92 -0.34 -0.10	56.99 -0.11 -0.24	55.30 -0.11 -0.20	48.78 -0.19 -0.25	43.74 -0.26 -0.15	41.18 -0.37 -0.17	37.42 -0.38 -0.11
SYRACUSE___ENERGY_ST2 323598	42.33 -0.42 -0.26	36.53 -0.29 -0.09	33.37 -0.20 0.00	32.07 -0.16 0.00	31.11 -0.16 0.00	32.57 -0.42 0.00	41.82 -0.42 -0.23	46.48 -0.37 -0.35	37.73 -0.46 0.00	34.79 -0.46 0.00	31.92 -0.49 0.00	33.12 -0.47 0.00	33.78 -0.41 0.00	34.95 -0.42 0.00	35.30 -0.50 0.00	37.25 -0.57 -0.02	43.42 -0.53 -0.19	47.92 -0.34 -0.10	56.99 -0.11 -0.24	55.30 -0.11 -0.20	48.78 -0.19 -0.25	43.74 -0.26 -0.15	41.18 -0.37 -0.17	37.42 -0.38 -0.11
SYRACUSE___POWER 24017	41.60 -0.59 0.30	36.19 -0.44 0.10	33.23 -0.34 0.00	31.94 -0.29 0.00	30.98 -0.28 0.00	32.44 -0.33 0.00	41.16 -0.59 0.26	45.54 -0.56 0.40	37.62 -0.57 0.00	34.72 -0.53 0.00	31.86 -0.55 0.00	33.06 -0.54 0.00	33.71 -0.48 0.00	34.85 -0.53 0.00	35.23 -0.57 0.00	37.13 -0.64 0.03	42.93 -0.61 0.22	47.57 -0.43 0.16	56.19 -0.28 0.39	54.60 -0.28 0.33	47.98 -0.34 0.41	43.22 -0.39 0.24	40.60 -0.50 0.28	37.01 -0.49 0.19
TALLMAN___138KV_BK151 55660	44.62 2.12 0.00	38.79 2.06 0.00	35.28 1.71 0.00	33.68 1.45 0.00	32.61 1.34 0.00	34.21 1.44 0.00	43.73 1.72 0.00	48.50 2.00 0.00	40.02 1.83 0.00	37.22 1.97 0.00	34.29 1.88 0.00	35.64 2.05 0.00	36.34 2.15 0.00	37.75 2.37 0.00	38.28 2.47 0.00	40.59 2.80 0.00	46.82 3.06 0.00	50.81 2.65 0.00	59.31 2.45 0.00	57.08 1.88 0.00	50.24 1.51 0.00	45.31 1.45 0.00	42.79 1.41 0.00	38.93 1.24 0.00
TEALLAVE_115KV_TB7 355573	41.25 -0.76 0.48	36.02 -0.55 0.16	33.12 -0.44 0.01	31.84 -0.39 0.00	30.89 -0.38 0.00	32.31 -0.46 0.00	40.89 -0.71 0.41	45.12 -0.74 0.64	37.50 -0.69 0.00	34.61 -0.63 0.00	31.76 -0.65 0.00	32.99 -0.60 0.00	33.61 -0.58 0.00	34.77 -0.60 0.00	35.16 -0.64 0.00	37.00 -0.76 0.04	42.67 -0.74 0.35	47.30 -0.63 0.24	55.76 -0.51 0.59	54.21 -0.50 0.50	47.58 -0.54 0.61	42.93 -0.57 0.36	40.30 -0.66 0.42	36.80 -0.60 0.28

TELGRAPH_34_KV_EAST 80808	38.67 -2.51 1.32	34.56 -1.73 0.45	32.17 -1.38 0.02	31.17 -1.06 0.00	30.08 -1.19 0.00	31.49 -1.28 0.00	38.39 -2.48 1.14	42.22 -2.51 1.76	36.62 -1.57 0.00	33.73 -1.52 0.00	30.98 -1.43 0.00	32.58 -1.01 0.00	33.23 -0.96 0.00	34.28 -1.10 0.00	34.69 -1.11 0.00	35.75 -1.93 0.11	40.52 -2.28 0.96	45.68 -1.88 0.60	53.37 -1.99 1.50	52.28 -1.66 1.27	45.31 -1.85 1.57	41.15 -1.80 0.91	38.16 -2.15 1.06	35.39 -1.58 0.71
TEMPLE___115KV_TB 2 55572	41.24 -0.76 0.49	36.02 -0.55 0.17	33.12 -0.44 0.01	31.84 -0.39 0.00	30.89 -0.38 0.00	32.31 -0.46 0.00	40.83 -0.76 0.43	45.09 -0.74 0.66	37.50 -0.69 0.00	34.61 -0.63 0.00	31.76 -0.65 0.00	32.99 -0.60 0.00	33.61 -0.58 0.00	34.77 -0.60 0.00	35.16 -0.64 0.00	37.00 -0.76 0.04	42.66 -0.74 0.36	47.34 -0.58 0.24	55.74 -0.51 0.61	54.19 -0.50 0.52	47.61 -0.49 0.64	42.92 -0.57 0.37	40.29 -0.66 0.43	36.79 -0.60 0.29
TIANA___69_KV_BK 1 55817	46.96 4.46 0.00	41.45 4.37 -0.34	37.29 3.73 0.00	35.45 3.22 0.00	34.36 3.10 0.00	36.05 3.28 0.00	45.79 3.78 0.00	50.63 4.14 0.00	42.08 3.90 0.00	39.27 4.02 0.00	38.68 3.79 -2.48	40.61 4.03 -2.99	45.16 4.17 -6.80	44.71 4.10 -5.24	49.29 4.01 -9.47	50.39 4.91 -7.68	52.20 5.51 -2.93	68.07 4.96 -14.96	60.96 4.09 0.00	57.80 2.59 0.00	51.99 3.26 0.00	47.15 3.29 0.00	44.69 3.31 0.00	40.74 3.05 0.00
TILDEN___115KV_TB1 80814	41.60 -0.59 0.30	36.19 -0.44 0.10	33.23 -0.34 0.00	31.94 -0.29 0.00	30.98 -0.28 0.00	32.44 -0.33 0.00	41.16 -0.59 0.26	45.54 -0.56 0.40	37.62 -0.57 0.00	34.72 -0.53 0.00	31.86 -0.55 0.00	33.06 -0.54 0.00	33.71 -0.48 0.00	34.85 -0.53 0.00	35.23 -0.57 0.00	37.13 -0.64 0.03	42.93 -0.61 0.22	47.57 -0.43 0.16	56.19 -0.28 0.39	54.60 -0.28 0.33	47.98 -0.34 0.41	43.22 -0.39 0.24	40.60 -0.50 0.28	37.01 -0.49 0.19
TRIGEN___CC 323695	45.64 3.14 0.00	39.98 2.90 -0.34	36.08 2.52 0.00	34.36 2.13 0.00	33.27 2.00 0.00	34.97 2.20 0.00	44.45 2.44 0.00	49.24 2.74 0.00	40.82 2.64 0.00	38.03 2.78 0.00	37.51 2.63 -2.48	39.34 2.75 -2.99	43.86 2.87 -6.80	43.72 3.11 -5.24	48.46 3.19 -9.47	49.07 3.59 -7.68	50.58 3.89 -2.92	51.71 3.42 -0.14	59.54 2.67 0.00	56.92 1.71 0.00	50.68 1.95 0.00	46.23 2.37 0.00	43.61 2.23 0.00	39.64 1.96 0.00
TRINITY___115KV___4 BK 55933	43.17 0.68 0.00	37.62 0.88 0.00	34.50 0.94 0.00	33.07 0.84 0.00	32.08 0.81 0.00	33.66 0.88 0.00	42.72 0.71 0.00	47.10 0.60 0.00	38.69 0.50 0.00	35.67 0.42 0.00	32.83 0.42 0.00	33.93 0.34 0.00	34.46 0.27 0.00	35.62 0.25 0.00	36.16 0.36 0.00	38.33 0.53 0.00	44.24 0.48 0.00	48.69 0.53 0.00	57.49 0.63 0.00	55.76 0.55 0.00	49.26 0.54 0.00	44.34 0.48 0.00	41.92 0.54 0.00	38.25 0.57 0.00
UNION___PROCESSING_DRP 323587	39.48 -1.61 1.40	35.16 -1.10 0.48	32.67 -0.87 0.02	31.62 -0.61 0.00	30.55 -0.72 0.00	31.98 -0.79 0.00	39.25 -1.55 1.21	43.14 -1.49 1.87	37.20 -0.99 0.00	34.26 -0.99 0.00	31.53 -0.88 0.00	32.99 -0.60 0.00	33.64 -0.55 0.00	34.70 -0.67 0.00	35.09 -0.72 0.00	36.39 -1.29 0.12	41.39 -1.36 1.02	46.51 -1.01 0.63	54.43 -0.85 1.58	53.20 -0.66 1.34	46.20 -0.88 1.65	41.98 -0.92 0.96	39.10 -1.16 1.12	35.99 -0.94 0.75
UPPER HUDSON___HYD 24058	43.73 1.23 0.00	37.98 1.25 0.00	34.87 1.31 0.00	33.42 1.19 0.00	32.36 1.09 0.00	34.02 1.24 0.00	43.35 1.34 0.00	47.57 1.07 0.00	38.65 0.46 0.00	35.43 0.18 0.00	32.38 -0.03 0.00	33.46 -0.13 0.00	33.78 -0.41 0.00	34.88 -0.50 0.00	35.34 -0.47 0.00	37.57 -0.23 0.00	43.50 -0.26 0.00	48.30 0.14 0.00	57.94 1.08 0.00	56.59 1.38 0.00	49.80 1.07 0.00	44.73 0.88 0.00	42.41 1.03 0.00	38.55 0.87 0.00
UPPER RAQUET___HYD 24056	42.96 0.47 0.00	36.88 0.15 0.00	33.70 0.13 0.00	32.42 0.19 0.00	31.42 0.16 0.00	32.97 0.20 0.00	42.81 0.80 0.00	47.06 0.56 0.00	38.53 0.34 0.00	35.39 0.14 0.00	32.54 0.13 0.00	33.66 0.07 0.00	34.26 0.07 0.00	35.45 0.07 0.00	35.38 -0.43 0.00	36.89 -0.91 0.00	42.58 -1.18 0.00	46.71 -1.44 0.00	55.61 -1.25 0.00	54.32 -0.89 0.00	48.29 -0.44 0.00	43.77 -0.09 0.00	41.83 0.46 0.00	38.25 0.57 0.00
VALLEY44_115KV_TB2 355964	39.42 -2.04 1.03	34.95 -1.43 0.35	32.41 -1.14 0.01	31.33 -0.90 0.00	30.29 -0.97 0.00	31.66 -1.11 0.00	39.10 -2.02 0.89	43.31 -1.81 1.38	37.04 -1.15 0.00	34.54 -0.70 0.00	31.63 -0.78 0.00	33.36 -0.24 0.00	34.05 -0.14 0.00	35.23 -0.14 0.00	35.70 -0.11 0.00	36.95 -0.76 0.09	42.09 -0.92 0.75	47.15 -0.53 0.48	55.22 -0.45 1.19	53.87 -0.33 1.01	46.27 -1.22 1.24	41.51 -1.62 0.72	38.55 -1.99 0.84	35.46 -1.66 0.56
VALLEY___115KV_TB 1-4 80826	42.96 0.47 0.00	37.25 0.51 0.00	34.07 0.50 0.00	32.74 0.52 0.00	31.76 0.50 0.00	33.33 0.56 0.00	42.68 0.67 0.00	47.15 0.65 0.00	38.65 0.46 0.00	35.67 0.42 0.00	32.80 0.39 0.00	33.96 0.37 0.00	34.53 0.34 0.00	35.73 0.35 0.00	36.20 0.39 0.00	38.14 0.34 0.00	44.11 0.35 0.00	48.69 0.53 0.00	57.55 0.68 0.00	55.92 0.72 0.00	49.36 0.63 0.00	44.52 0.66 0.00	42.04 0.66 0.00	38.29 0.60 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	43.98 1.49 0.00	38.20 1.47 0.00	34.97 1.41 0.00	33.58 1.35 0.00	32.51 1.25 0.00	34.08 1.31 0.00	43.48 1.47 0.00	48.03 1.53 0.00	39.26 1.07 0.00	36.27 1.02 0.00	33.35 0.94 0.00	34.63 1.04 0.00	35.21 1.03 0.00	36.54 1.17 0.00	37.02 1.22 0.00	39.04 1.25 0.00	45.16 1.40 0.00	49.79 1.73 0.10	58.84 2.22 0.24	57.27 2.26 0.20	50.28 1.80 0.25	45.29 1.58 0.15	42.62 1.41 0.17	38.81 1.24 0.11
VISCHER___FERRY HYD 24020	43.56 1.06 0.00	37.98 1.25 0.00	34.84 1.28 0.00	33.39 1.16 0.00	32.36 1.09 0.00	33.98 1.21 0.00	43.10 1.09 0.00	47.57 1.07 0.00	38.95 0.76 0.00	35.88 0.64 0.00	33.02 0.61 0.00	34.10 0.50 0.00	34.53 0.34 0.00	35.69 0.32 0.00	36.27 0.46 0.00	38.51 0.72 0.00	44.50 0.74 0.00	49.17 1.01 0.00	58.06 1.20 0.00	56.42 1.21 0.00	49.90 1.17 0.00	44.91 1.05 0.00	42.45 1.07 0.00	38.63 0.94 0.00
V_A_10_SYNC_DSASP 323832	38.40 -2.68 1.41	34.34 -1.91 0.48	31.94 -1.61 0.02	30.91 -1.32 0.00	29.89 -1.38 0.00	31.23 -1.54 0.00	38.06 -2.73 1.22	41.82 -2.79 1.89	36.39 -1.79 0.00	33.59 -1.66 0.00	30.85 -1.56 0.00	32.38 -1.21 0.00	33.03 -1.16 0.00	34.07 -1.31 0.00	34.48 -1.32 0.00	35.63 -2.04 0.12	40.37 -2.36 1.03	45.34 -2.17 0.65	52.86 -2.39 1.61	51.74 -2.10 1.37	44.85 -2.19 1.69	40.73 -2.15 0.98	37.92 -2.32 1.14	35.07 -1.85 0.76
V_CMM_10_SYNC_DSASP 323787	42.75 0.25 0.00	36.70 -0.04 0.00	33.43 -0.13 0.00	32.16 -0.06 0.00	31.20 -0.06 0.00	32.71 -0.07 0.00	42.35 0.34 0.00	46.54 0.05 0.00	38.42 0.23 0.00	35.39 0.14 0.00	32.54 0.13 0.00	33.66 0.07 0.00	34.29 0.10 0.00	35.45 0.07 0.00	35.77 -0.04 0.00	37.61 -0.19 0.00	43.54 -0.22 0.00	47.68 -0.48 0.00	56.35 -0.51 0.00	54.98 -0.22 0.00	48.78 0.05 0.00	44.12 0.26 0.00	41.75 0.37 0.00	37.98 0.30 0.00

V_CMP_10_SYNC_DSASP 323788	43.13 0.64 0.00	37.03 0.29 0.00	33.77 0.20 0.00	32.45 0.23 0.00	31.51 0.25 0.00	33.03 0.26 0.00	42.72 0.71 0.00	47.15 0.65 0.00	38.76 0.57 0.00	35.67 0.42 0.00	32.76 0.36 0.00	33.83 0.24 0.00	34.46 0.27 0.00	35.62 0.25 0.00	35.95 0.14 0.00	37.80 0.00 0.00	43.80 0.04 0.00	48.30 0.14 0.00	57.20 0.34 0.00	55.87 0.66 0.00	49.41 0.68 0.00	44.56 0.70 0.00	42.12 0.74 0.00	38.29 0.60 0.00
V_D_10_SYNC_DSASP 323841	42.96 0.47 0.00	36.88 0.15 0.00	33.63 0.07 0.00	32.33 0.10 0.00	31.39 0.13 0.00	32.87 0.10 0.00	42.56 0.55 0.00	46.91 0.42 0.00	38.57 0.38 0.00	35.49 0.25 0.00	32.64 0.23 0.00	33.76 0.17 0.00	34.39 0.21 0.00	35.59 0.21 0.00	35.70 -0.11 0.00	37.50 -0.30 0.00	43.41 -0.35 0.00	47.68 -0.48 0.00	56.47 -0.40 0.00	55.15 -0.06 0.00	48.83 0.10 0.00	44.12 0.26 0.00	41.92 0.54 0.00	38.17 0.49 0.00
V_E_10_SYNC_DSASP 323830	44.25 2.00 0.24	38.56 1.91 0.08	35.41 1.85 0.00	34.10 1.87 0.00	32.95 1.69 0.00	34.64 1.87 0.00	44.07 2.27 0.21	48.55 2.37 0.32	39.45 1.26 0.00	36.09 0.85 0.00	32.93 0.52 0.00	34.23 0.64 0.00	34.84 0.65 0.00	36.15 0.78 0.00	36.63 0.82 0.00	38.23 0.45 0.02	44.42 0.83 0.17	50.05 2.02 0.13	60.12 3.58 0.32	58.96 4.03 0.27	51.56 3.17 0.34	46.38 2.72 0.20	43.42 2.28 0.23	39.49 1.96 0.15
V_F_30_NSYNC___DSASP 323816	44.02 1.53 0.00	38.24 1.51 0.00	35.11 1.54 0.00	33.65 1.42 0.00	32.58 1.31 0.00	34.21 1.44 0.00	43.56 1.55 0.00	47.98 1.49 0.00	39.07 0.88 0.00	35.88 0.63 0.00	32.86 0.45 0.00	33.96 0.37 0.00	34.43 0.24 0.00	35.55 0.18 0.00	36.09 0.29 0.00	38.29 0.49 0.00	44.37 0.61 0.00	49.12 0.96 0.00	58.51 1.65 0.00	57.03 1.82 0.00	50.29 1.56 0.00	45.22 1.36 0.00	42.70 1.32 0.00	38.89 1.21 0.00
V_F_30_SYNC_DSASP 323786	43.30 0.81 0.00	37.76 1.03 0.00	34.64 1.07 0.00	33.20 0.97 0.00	32.17 0.91 0.00	33.75 0.98 0.00	42.89 0.88 0.00	47.29 0.79 0.00	38.80 0.61 0.00	35.78 0.53 0.00	32.89 0.49 0.00	34.00 0.40 0.00	34.53 0.34 0.00	35.69 0.32 0.00	36.23 0.43 0.00	38.40 0.60 0.00	44.33 0.57 0.00	48.78 0.63 0.00	57.72 0.85 0.00	56.03 0.83 0.00	49.46 0.73 0.00	44.52 0.66 0.00	42.08 0.70 0.00	38.36 0.68 0.00
V_XM_10_SYNC_DSASP 323789	43.13 0.64 0.00	37.03 0.29 0.00	33.77 0.20 0.00	32.45 0.23 0.00	31.51 0.25 0.00	33.03 0.26 0.00	42.72 0.71 0.00	47.15 0.65 0.00	38.76 0.57 0.00	35.67 0.42 0.00	32.76 0.36 0.00	33.83 0.24 0.00	34.46 0.27 0.00	35.62 0.25 0.00	35.95 0.14 0.00	37.80 0.00 0.00	43.80 0.04 0.00	48.30 0.14 0.00	57.20 0.34 0.00	55.87 0.66 0.00	49.41 0.68 0.00	44.56 0.70 0.00	42.12 0.74 0.00	38.29 0.60 0.00
W.BABYLN_69_KV_BK1 56697	46.66 4.16 0.00	40.97 3.89 -0.34	36.96 3.39 0.00	35.10 2.87 0.00	33.98 2.72 0.00	35.72 2.95 0.00	45.41 3.40 0.00	50.22 3.72 0.00	41.74 3.55 0.00	38.88 3.63 0.00	38.29 3.40 -2.48	40.14 3.56 -2.99	44.65 3.66 -6.80	44.50 3.89 -5.24	49.29 4.01 -9.47	50.02 4.54 -7.68	51.67 4.99 -2.92	52.94 4.57 -0.21	60.56 3.70 0.00	57.74 2.54 0.00	51.70 2.97 0.00	47.19 3.33 0.00	44.56 3.19 0.00	40.47 2.79 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	44.75 2.25 0.00	38.94 2.20 0.00	35.41 1.85 0.00	33.78 1.55 0.00	32.70 1.44 0.00	34.34 1.57 0.00	43.86 1.85 0.00	48.68 2.19 0.00	40.14 1.95 0.00	37.29 2.04 0.00	34.35 1.94 0.00	35.74 2.15 0.00	36.41 2.22 0.00	37.82 2.44 0.00	38.35 2.54 0.00	40.71 2.91 0.00	46.91 3.15 0.00	50.95 2.79 0.00	59.48 2.62 0.00	57.30 2.10 0.00	50.43 1.71 0.00	45.48 1.62 0.00	42.95 1.57 0.00	39.08 1.39 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	45.13 2.63 0.00	39.27 2.53 0.00	35.65 2.08 0.00	34.00 1.77 0.00	32.92 1.66 0.00	34.54 1.77 0.00	44.19 2.18 0.00	49.10 2.60 0.00	40.60 2.41 0.00	37.75 2.50 0.00	34.86 2.46 0.01	36.17 2.59 0.01	36.87 2.70 0.02	38.38 3.01 0.00	38.88 3.08 0.01	41.31 3.52 0.00	47.48 3.72 0.00	51.39 3.23 0.00	59.71 2.84 0.00	57.41 2.21 0.00	50.58 1.85 0.00	45.74 1.89 0.00	43.20 1.82 0.00	39.27 1.58 0.00
W50THST__13_KV_LOAD 356117	45.38 2.89 0.00	39.45 2.72 0.00	35.81 2.25 0.00	34.16 1.93 0.00	33.08 1.81 0.00	34.70 1.93 0.00	44.45 2.44 0.00	49.38 2.88 0.00	40.86 2.67 0.00	38.00 2.75 0.00	35.09 2.69 0.01	36.44 2.86 0.01	37.15 2.97 0.02	38.63 3.25 0.00	39.16 3.37 0.01	41.58 3.78 0.00	47.78 4.03 0.00	51.72 3.56 0.00	60.10 3.24 0.00	57.80 2.59 0.00	50.87 2.14 0.00	45.96 2.11 0.00	43.41 2.03 0.00	39.45 1.77 0.00
WADING RIVER_IC_1 23522	46.54 4.04 -0.01	41.19 4.11 -0.34	37.06 3.49 -0.01	35.23 3.00 0.00	34.24 2.97 0.00	35.82 3.05 0.00	45.54 3.53 0.00	50.03 3.53 0.00	41.86 3.67 0.00	38.95 3.70 0.00	38.42 3.53 -2.48	40.28 3.70 -2.99	44.89 3.90 -6.80	44.08 3.47 -5.24	48.82 3.55 -9.47	49.75 4.27 -7.68	51.50 4.81 -2.93	62.58 4.43 -10.00	60.84 3.98 0.00	58.52 3.31 0.00	52.28 3.56 0.00	46.76 2.89 -0.01	44.65 3.27 0.00	40.92 3.24 0.00
WADING RIVER_IC_2 23547	46.54 4.04 -0.01	41.19 4.11 -0.34	37.06 3.49 -0.01	35.23 3.00 0.00	34.24 2.97 0.00	35.82 3.05 0.00	45.54 3.53 0.00	50.03 3.53 0.00	41.86 3.67 0.00	38.95 3.70 0.00	38.42 3.53 -2.48	40.28 3.70 -2.99	44.89 3.90 -6.80	44.08 3.47 -5.24	48.82 3.55 -9.47	49.75 4.27 -7.68	51.50 4.81 -2.93	62.58 4.43 -10.00	60.84 3.98 0.00	58.52 3.31 0.00	52.28 3.56 0.00	46.76 2.89 -0.01	44.65 3.27 0.00	40.92 3.24 0.00
WADING RIVER_IC_3 23601	46.54 4.04 -0.01	41.19 4.11 -0.34	37.06 3.49 -0.01	35.23 3.00 0.00	34.24 2.97 0.00	35.82 3.05 0.00	45.54 3.53 0.00	50.03 3.53 0.00	41.86 3.67 0.00	38.95 3.70 0.00	38.42 3.53 -2.48	40.28 3.70 -2.99	44.89 3.90 -6.80	44.08 3.47 -5.24	48.82 3.55 -9.47	49.75 4.27 -7.68	51.50 4.81 -2.93	62.58 4.43 -10.00	60.84 3.98 0.00	58.52 3.31 0.00	52.28 3.56 0.00	46.76 2.89 -0.01	44.65 3.27 0.00	40.92 3.24 0.00
WALDENNY_12_KV_BK2 80841	38.84 -2.42 1.23	34.66 -1.65 0.42	32.24 -1.31 0.02	31.23 -1.00 0.00	30.14 -1.13 0.00	31.49 -1.28 0.00	38.55 -2.39 1.06	42.39 -2.46 1.65	36.74 -1.45 0.00	33.91 -1.34 0.00	31.11 -1.30 0.00	32.79 -0.81 0.00	33.44 -0.75 0.00	34.49 -0.88 0.00	34.95 -0.86 0.00	36.03 -1.66 0.11	40.76 -2.10 0.89	45.76 -1.83 0.56	53.52 -1.93 1.41	52.35 -1.66 1.19	45.40 -1.85 1.47	41.07 -1.93 0.86	38.19 -2.19 1.00	35.40 -1.62 0.67
WALDEN___HYDRO 24148	44.58 2.08 0.00	38.79 2.06 0.00	35.28 1.71 0.00	33.71 1.48 0.00	32.64 1.38 0.00	34.25 1.47 0.00	43.73 1.72 0.00	48.50 2.00 0.00	39.87 1.68 0.00	36.98 1.73 0.00	34.03 1.62 0.00	35.37 1.78 0.00	36.03 1.85 0.00	37.43 2.05 0.00	37.95 2.15 0.00	40.25 2.46 0.00	46.47 2.71 0.00	50.56 2.41 0.00	59.25 2.39 0.00	57.14 1.93 0.00	50.34 1.61 0.00	45.35 1.49 0.00	42.83 1.45 0.00	38.96 1.28 0.00

WARRENSBURG____ 23737	43.73 1.23 0.00	37.98 1.25 0.00	34.87 1.31 0.00	33.42 1.19 0.00	32.36 1.09 0.00	34.02 1.25 0.00	43.35 1.34 0.00	47.57 1.07 0.00	38.61 0.42 0.00	35.42 0.18 0.00	32.34 -0.06 0.00	33.42 -0.17 0.00	33.78 -0.41 0.00	34.85 -0.53 0.00	35.34 -0.47 0.00	37.50 -0.30 0.00	43.50 -0.26 0.00	48.30 0.14 0.00	57.94 1.08 0.00	56.53 1.32 0.00	49.80 1.07 0.00	44.73 0.88 0.00	42.41 1.03 0.00	38.55 0.87 0.00
WATERSIDE____6 8 9 23538	45.30 2.80 0.00	39.42 2.68 0.00	35.68 2.11 0.00	34.03 1.80 0.00	32.92 1.66 0.00	34.47 1.70 0.00	44.11 2.10 0.00	48.96 2.46 0.00	40.48 2.29 0.00	37.68 2.43 0.00	34.81 2.40 -0.01	36.12 2.52 -0.01	36.84 2.63 -0.02	38.35 2.97 0.00	38.86 3.04 -0.01	41.31 3.52 0.00	47.56 3.81 0.00	50.99 2.84 0.00	59.07 2.22 0.01	56.80 1.60 0.01	50.24 1.51 0.00	45.57 1.71 0.00	43.07 1.70 0.00	39.23 1.55 0.00
WATKINRD_115KV_LN8_ILLION 55919	42.83 0.34 0.00	37.14 0.40 0.00	33.97 0.40 0.00	32.65 0.42 0.00	31.64 0.38 0.00	33.20 0.43 0.00	42.47 0.46 0.00	46.96 0.46 0.00	38.53 0.34 0.00	35.53 0.28 0.00	32.67 0.26 0.00	33.86 0.27 0.00	34.43 0.24 0.00	35.62 0.25 0.00	36.09 0.29 0.00	38.06 0.26 0.00	44.06 0.31 0.00	48.54 0.39 0.00	57.37 0.51 0.00	55.76 0.55 0.00	49.22 0.49 0.00	44.34 0.48 0.00	41.83 0.46 0.00	38.10 0.41 0.00
WDELAWARE____HYD 323627	44.91 2.42 0.00	39.05 2.32 0.00	35.48 1.91 0.00	33.97 1.74 0.00	32.89 1.62 0.00	34.47 1.70 0.00	44.07 2.06 0.00	48.73 2.23 0.00	39.98 1.80 0.00	36.97 1.73 0.00	34.00 1.59 0.00	35.34 1.75 0.00	36.03 1.84 0.00	37.36 1.98 0.00	37.95 2.15 0.00	40.10 2.31 0.00	46.43 2.67 0.00	50.66 2.50 0.00	59.65 2.79 0.00	57.75 2.54 0.00	50.77 2.05 0.00	45.61 1.76 0.00	43.08 1.70 0.00	39.27 1.58 0.00
WEST BABYLON____IC 23714	46.66 4.16 0.00	40.97 3.89 -0.34	36.96 3.39 0.00	35.10 2.87 0.00	33.98 2.72 0.00	35.72 2.95 0.00	45.41 3.40 0.00	50.22 3.72 0.00	41.74 3.55 0.00	38.88 3.63 0.00	38.29 3.40 -2.48	40.14 3.56 -2.99	44.65 3.66 -6.80	44.50 3.89 -5.24	49.29 4.01 -9.47	50.02 4.54 -7.68	51.67 4.99 -2.92	52.94 4.57 -0.21	60.56 3.70 0.00	57.74 2.54 0.00	51.70 2.97 0.00	47.19 3.33 0.00	44.56 3.19 0.00	40.47 2.79 0.00
WEST CANADA____HYD 24049	42.58 0.09 0.00	36.88 0.15 0.00	33.73 0.17 0.00	32.39 0.16 0.00	31.42 0.16 0.00	32.94 0.16 0.00	42.14 0.13 0.00	46.59 0.09 0.00	38.23 0.04 0.00	35.28 0.04 0.00	32.44 0.03 0.00	33.63 0.03 0.00	34.22 0.03 0.00	35.41 0.04 0.00	35.88 0.07 0.00	37.91 0.11 0.00	43.85 0.09 0.00	48.25 0.10 0.00	56.98 0.11 0.00	55.32 0.11 0.00	48.83 0.10 0.00	43.95 0.09 0.00	41.46 0.08 0.00	37.76 0.08 0.00
WESTERN_NY_WIND 24143	39.59 -1.57 1.34	35.36 -0.92 0.45	32.88 -0.67 0.02	31.91 -0.32 0.00	30.76 -0.50 0.00	32.25 -0.52 0.00	39.39 -1.47 1.15	43.36 -1.35 1.78	37.39 -0.80 0.00	34.33 -0.92 0.00	31.57 -0.84 0.00	33.16 -0.44 0.00	33.85 -0.34 0.00	34.88 -0.50 0.00	35.30 -0.50 0.00	36.36 -1.32 0.12	41.39 -1.40 0.97	46.73 -0.82 0.61	54.83 -0.51 1.52	53.70 -0.22 1.29	46.56 -0.58 1.59	42.28 -0.66 0.92	39.19 -1.12 1.08	36.21 -0.75 0.72
WESTOVER____LESR 323668	41.66 -0.51 0.32	36.37 -0.26 0.11	33.43 -0.13 0.00	32.13 -0.10 0.00	31.17 -0.09 0.00	32.61 -0.16 0.00	41.19 -0.55 0.28	45.60 -0.46 0.43	37.81 -0.38 0.00	34.97 -0.28 0.00	32.08 -0.32 0.00	33.39 -0.20 0.00	34.05 -0.14 0.00	35.23 -0.14 0.00	35.66 -0.14 0.00	37.54 -0.23 0.03	43.35 -0.18 0.23	48.05 0.05 0.16	56.70 0.23 0.39	55.26 0.39 0.33	48.37 0.05 0.41	43.53 -0.09 0.24	40.81 -0.29 0.27	37.27 -0.23 0.18
WETHRSFD_WT_PWR 323626	39.39 -2.04 1.07	35.01 -1.36 0.36	32.44 -1.11 0.01	31.42 -0.80 0.00	30.39 -0.88 0.00	31.72 -1.05 0.00	39.07 -2.02 0.92	43.40 -1.67 1.42	36.66 -1.53 0.00	33.77 -1.48 0.00	30.89 -1.52 0.00	32.42 -1.18 0.00	33.16 -1.02 0.00	34.24 -1.13 0.00	34.62 -1.18 0.00	35.93 -1.78 0.09	41.02 -1.97 0.77	46.17 -1.49 0.49	54.11 -1.53 1.22	53.07 -1.10 1.04	46.09 -1.36 1.28	41.67 -1.45 0.74	38.78 -1.74 0.87	35.63 -1.47 0.58
WHAVSTOR_138KV_BK127 55557	44.58 2.08 0.00	38.79 2.06 0.00	35.28 1.71 0.00	33.68 1.45 0.00	32.61 1.34 0.00	34.21 1.44 0.00	43.73 1.72 0.00	48.50 2.00 0.00	40.02 1.83 0.00	37.19 1.94 0.00	34.29 1.88 0.00	35.64 2.05 0.00	36.31 2.12 0.00	37.71 2.33 0.00	38.24 2.43 0.00	40.59 2.80 0.00	46.73 2.98 0.00	50.71 2.55 0.00	59.19 2.33 0.00	57.03 1.82 0.00	50.19 1.46 0.00	45.31 1.45 0.00	42.79 1.41 0.00	38.93 1.24 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	44.58 2.08 0.00	38.79 2.06 0.00	35.28 1.71 0.00	33.68 1.45 0.00	32.61 1.34 0.00	34.21 1.44 0.00	43.73 1.72 0.00	48.50 2.00 0.00	40.02 1.83 0.00	37.19 1.94 0.00	34.29 1.88 0.00	35.64 2.05 0.00	36.31 2.12 0.00	37.71 2.33 0.00	38.24 2.43 0.00	40.59 2.80 0.00	46.73 2.98 0.00	50.71 2.55 0.00	59.19 2.33 0.00	57.03 1.82 0.00	50.19 1.46 0.00	45.31 1.45 0.00	42.79 1.41 0.00	38.93 1.24 0.00
WHITEHAL_115KV_TB1 80871	44.92 2.42 0.00	38.98 2.24 0.00	35.81 2.25 0.00	34.32 2.09 0.00	33.20 1.94 0.00	34.97 2.20 0.00	44.66 2.65 0.00	48.96 2.46 0.00	39.49 1.30 0.00	36.06 0.81 0.00	32.83 0.42 0.00	33.93 0.34 0.00	34.29 0.10 0.00	35.34 -0.04 0.00	35.80 0.00 0.00	38.02 0.23 0.00	44.20 0.44 0.00	49.26 1.11 0.00	59.59 2.73 0.00	58.35 3.15 0.00	51.31 2.58 0.00	46.01 2.15 0.00	43.49 2.11 0.00	39.53 1.85 0.00
WHITEPLN_13_KV_LOAD 356215	45.26 2.76 0.00	39.45 2.72 0.00	35.81 2.25 0.00	34.13 1.90 0.00	33.05 1.78 0.00	34.67 1.90 0.00	44.40 2.39 0.00	49.29 2.79 0.00	40.79 2.60 0.00	37.86 2.61 0.00	34.90 2.50 0.00	36.21 2.62 0.00	36.89 2.70 0.00	38.31 2.94 0.00	38.85 3.04 0.00	41.24 3.44 0.00	47.52 3.76 0.00	51.48 3.32 0.00	60.16 3.30 0.00	57.91 2.71 0.00	50.97 2.24 0.00	45.92 2.06 0.00	43.32 1.94 0.00	39.45 1.77 0.00
WM_FLOYD_69_KV_BK2 356380	46.70 4.21 0.00	41.23 4.15 -0.34	37.12 3.56 0.00	35.26 3.03 0.00	34.17 2.91 0.00	35.88 3.11 0.00	45.62 3.61 0.00	50.45 3.95 0.00	41.86 3.67 0.00	38.98 3.74 0.00	38.39 3.50 -2.48	40.28 3.70 -2.99	44.75 3.76 -6.80	44.36 3.75 -5.24	48.96 3.69 -9.47	49.98 4.50 -7.68	51.77 5.08 -2.93	79.28 4.43 -26.69	60.45 3.58 0.00	57.41 2.21 0.00	51.70 2.97 0.00	46.97 3.11 0.00	44.48 3.10 0.00	40.51 2.83 0.00
WOODARD__115KV_TB2 355635	41.42 -0.81 0.27	36.02 -0.62 0.09	33.06 -0.50 0.00	31.81 -0.42 0.00	30.86 -0.41 0.00	32.28 -0.49 0.00	40.98 -0.80 0.23	45.35 -0.79 0.36	37.46 -0.73 0.00	34.54 -0.70 0.00	31.73 -0.68 0.00	32.92 -0.67 0.00	33.57 -0.62 0.00	34.70 -0.67 0.00	35.09 -0.72 0.00	36.94 -0.83 0.02	42.73 -0.83 0.19	47.34 -0.67 0.14	55.89 -0.63 0.35	54.30 -0.61 0.30	47.78 -0.58 0.37	43.03 -0.61 0.21	40.43 -0.70 0.25	36.84 -0.68 0.17

YORK__WARBASSE	45.55	39.56	35.78	34.10	32.98	34.44	44.07	48.87	40.33	37.54	34.72	36.02	36.73	38.28	38.78	41.24	47.56	50.95	58.96	56.69	50.14	45.48	43.07	39.27
23770	3.06	2.83	2.22	1.87	1.72	1.67	2.06	2.37	2.14	2.29	2.30	2.42	2.53	2.90	2.97	3.44	3.81	2.79	2.10	1.49	1.41	1.62	1.70	1.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.02	0.00	-0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00