

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses																				--- Marginal Cost of Congestion			
Generator Data		10/31/2025																							
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
59TH STREET_GT_1 24138	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
	43.01	39.36	38.83	37.58	38.07	40.45	52.13	63.08	67.38	55.68	53.21	52.29	50.36	51.29	49.82	52.60	57.59	59.70	66.19	60.55	53.47	46.83	45.15	41.88	
	2.70	2.26	2.16	2.06	2.09	2.33	3.36	4.02	4.35	4.08	4.08	4.10	4.12	4.28	4.24	4.52	4.90	5.03	5.63	5.30	4.82	4.14	3.95	3.14	
74TH STREET_GT_1 24260																									
	43.09	39.39	38.87	37.65	38.14	40.53	52.18	63.08	67.32	55.68	53.21	52.34	50.36	51.29	49.87	52.60	57.65	59.75	66.25	60.55	53.52	46.92	45.24	41.92	
	2.78	2.30	2.20	2.13	2.16	2.40	3.41	4.02	4.29	4.08	4.08	4.14	4.12	4.28	4.29	4.52	4.95	5.08	5.69	5.30	4.87	4.23	4.04	3.18	
74TH STREET_GT_2 24261																									
	43.09	39.39	38.87	37.65	38.14	40.53	52.18	63.08	67.32	55.68	53.21	52.34	50.36	51.29	49.87	52.60	57.65	59.75	66.25	60.55	53.52	46.92	45.24	41.92	
	2.78	2.30	2.20	2.13	2.16	2.40	3.41	4.02	4.29	4.08	4.08	4.14	4.12	4.28	4.29	4.52	4.95	5.08	5.69	5.30	4.87	4.23	4.04	3.18	
ADK HUDSON___FALLS 24011																									
	41.60	38.32	37.84	36.73	37.14	39.46	50.33	60.96	64.73	52.95	50.17	49.11	47.12	48.00	46.82	49.43	54.43	56.85	62.92	57.29	50.75	44.44	43.01	40.14	
	1.29	1.22	1.17	1.21	1.15	1.33	1.56	1.89	1.70	1.34	1.03	0.92	0.88	0.99	1.23	1.35	1.74	2.19	2.36	2.04	2.09	1.75	1.81	1.39	
ADK RESOURCE___RCVRY 23798																									
	41.60	38.28	37.81	36.69	37.10	39.46	50.33	60.96	64.67	52.90	50.12	49.01	47.03	47.90	46.68	49.33	54.38	56.86	62.92	57.23	50.75	44.40	42.97	40.13	
	1.29	1.19	1.14	1.17	1.12	1.33	1.56	1.89	1.64	1.29	0.98	0.82	0.79	0.89	1.09	1.25	1.69	2.19	2.36	1.99	2.09	1.71	1.77	1.39	
ADK S GLENS___FALLS 24028																									
	41.60	38.32	37.84	36.73	37.14	39.46	50.33	60.96	64.73	52.95	50.17	49.11	47.12	48.00	46.82	49.43	54.43	56.85	62.92	57.29	50.75	44.44	43.01	40.14	
	1.29	1.22	1.17	1.21	1.15	1.33	1.56	1.89	1.70	1.34	1.03	0.92	0.88	0.99	1.23	1.35	1.74	2.19	2.36	2.04	2.09	1.75	1.81	1.39	
ADK_NYS___DAM 23527																									
	41.72	38.43	37.88	36.84	37.24	39.57	50.96	61.13	65.17	53.21	50.37	49.49	47.53	48.42	47.14	50.10	55.01	57.18	63.34	57.79	50.99	44.66	43.13	40.29	
	1.41	1.33	1.21	1.32	1.26	1.45	2.20	2.07	2.14	1.60	1.23	1.30	1.29	1.41	1.55	2.02	2.32	2.52	2.79	2.54	2.34	1.96	1.94	1.55	
AIR_PRODUCTS___DRP 24190																									
	40.35	37.24	36.82	35.77	36.20	38.28	48.91	59.18	63.03	51.66	49.09	48.19	46.29	47.15	45.90	48.51	53.27	55.38	61.34	55.91	49.39	43.33	41.90	39.21	
	0.04	0.15	0.15	0.25	0.22	0.15	0.15	0.12	0.00	0.05	-0.05	0.00	0.05	0.14	0.32	0.43	0.58	0.71	0.79	0.66	0.73	0.64	0.70	0.46	
AKWESSNE_115KV_BK 355683																									
	40.63	37.46	37.04	35.84	36.35	38.54	49.30	59.66	63.79	52.07	49.63	48.63	46.52	47.06	45.54	48.03	52.59	54.50	60.25	54.81	48.32	42.48	41.03	38.59	
	0.32	0.37	0.37	0.32	0.36	0.42	0.54	0.59	0.76	0.46	0.49	0.43	0.28	0.05	-0.05	-0.05	-0.11	-0.16	-0.30	-0.44	-0.34	-0.21	-0.16	-0.15	
ALBANY_1_SOLAR 323833																									
	41.32	38.09	37.69	36.55	36.96	39.11	49.99	60.43	64.29	52.54	49.92	48.92	46.94	47.86	46.54	49.28	54.22	56.47	62.62	57.07	50.41	44.14	42.68	39.98	
	1.01	1.00	1.03	1.03	0.97	0.99	1.22	1.36	1.26	0.93	0.78	0.72	0.69	0.85	0.96	1.20	1.53	1.80	2.06	1.82	1.75	1.45	1.48	1.24	
ALBANY_2_SOLAR 323834																									
	41.32	38.09	37.66	36.55	36.96	39.08	49.99	60.43	64.29	52.54	49.92	48.92	46.94	47.81	46.54	49.28	54.22	56.47	62.55	57.07	50.36	44.14	42.68	39.94	
	1.01	1.00	0.99	1.03	0.97	0.95	1.22	1.36	1.26	0.93	0.78	0.72	0.69	0.80	0.96	1.20	1.53	1.80	2.00	1.82	1.70	1.45	1.48	1.20	
ALBANY___1 23571																									
	40.35	37.24	36.82	35.77	36.20	38.28	48.91	59.18	63.03	51.66	49.09	48.19	46.29	47.15	45.90	48.51	53.27	55.38	61.34	55.91	49.39	43.33	41.90	39.21	
	0.04	0.15	0.15	0.25	0.22	0.15	0.15	0.12	0.00	0.05	-0.05	0.00	0.05	0.14	0.32	0.43	0.58	0.71	0.79	0.66	0.73	0.64	0.70	0.46	

ALBANY___2 23572	40.35 0.04 0.00	37.24 0.15 0.00	36.82 0.15 0.00	35.77 0.25 0.00	36.20 0.22 0.00	38.28 0.15 0.00	48.91 0.15 0.00	59.18 0.12 0.00	63.03 0.00 0.00	51.66 0.05 0.00	49.09 -0.05 0.00	48.19 0.00 0.00	46.29 0.05 0.00	47.15 0.14 0.00	45.90 0.32 0.00	48.51 0.43 0.00	53.27 0.58 0.00	55.38 0.71 0.00	61.34 0.79 0.00	55.91 0.66 0.00	49.39 0.73 0.00	43.33 0.64 0.00	41.90 0.70 0.00	39.21 0.46 0.00
ALBANY___3 23573	40.35 0.04 0.00	37.24 0.15 0.00	36.82 0.15 0.00	35.77 0.25 0.00	36.20 0.22 0.00	38.28 0.15 0.00	48.91 0.15 0.00	59.18 0.12 0.00	63.03 0.00 0.00	51.66 0.05 0.00	49.09 -0.05 0.00	48.19 0.00 0.00	46.29 0.05 0.00	47.15 0.14 0.00	45.90 0.32 0.00	48.51 0.43 0.00	53.27 0.58 0.00	55.38 0.71 0.00	61.34 0.79 0.00	55.91 0.66 0.00	49.39 0.73 0.00	43.33 0.64 0.00	41.90 0.70 0.00	39.21 0.46 0.00
ALBANY___4 23574	40.35 0.04 0.00	37.24 0.15 0.00	36.82 0.15 0.00	35.77 0.25 0.00	36.20 0.22 0.00	38.28 0.15 0.00	48.91 0.15 0.00	59.18 0.12 0.00	63.03 0.00 0.00	51.66 0.05 0.00	49.09 -0.05 0.00	48.19 0.00 0.00	46.29 0.05 0.00	47.15 0.14 0.00	45.90 0.32 0.00	48.51 0.43 0.00	53.27 0.58 0.00	55.38 0.71 0.00	61.34 0.79 0.00	55.91 0.66 0.00	49.39 0.73 0.00	43.33 0.64 0.00	41.90 0.70 0.00	39.21 0.46 0.00
ALBANY___LFGE 323615	40.75 0.44 0.00	37.65 0.56 0.00	37.18 0.51 0.00	36.13 0.60 0.00	36.53 0.54 0.00	38.66 0.53 0.00	49.45 0.68 0.00	59.78 0.71 0.00	63.72 0.69 0.00	52.23 0.62 0.00	49.68 0.54 0.00	48.72 0.53 0.00	46.80 0.56 0.00	47.67 0.66 0.00	46.36 0.77 0.00	49.04 0.96 0.00	53.80 1.11 0.00	55.92 1.26 0.00	61.89 1.33 0.00	56.41 1.16 0.00	49.82 1.17 0.00	43.63 0.94 0.00	42.19 0.99 0.00	39.52 0.77 0.00
ALCOA_PA_115KV_PL-6C 55860	40.95 0.64 0.00	37.80 0.70 0.00	37.33 0.66 0.00	36.13 0.60 0.00	36.63 0.65 0.00	38.85 0.72 0.00	49.69 0.93 0.00	60.19 1.12 0.00	64.29 1.26 0.00	52.43 0.83 0.00	49.97 0.84 0.00	48.96 0.77 0.00	46.84 0.60 0.00	47.38 0.38 0.00	45.81 0.23 0.00	48.32 0.24 0.00	52.90 0.21 0.00	54.83 0.16 0.00	60.56 0.00 0.00	55.14 -0.11 0.00	48.61 -0.05 0.00	42.73 0.04 0.00	41.32 0.12 0.00	38.86 0.12 0.00
ALCOA_RYNLDS___DRP 24188	40.95 0.64 0.00	37.80 0.70 0.00	37.33 0.66 0.00	36.13 0.60 0.00	36.63 0.65 0.00	38.85 0.72 0.00	49.69 0.93 0.00	60.19 1.12 0.00	64.29 1.26 0.00	52.43 0.83 0.00	49.97 0.84 0.00	48.96 0.77 0.00	46.84 0.60 0.00	47.38 0.38 0.00	45.81 0.23 0.00	48.32 0.24 0.00	52.90 0.21 0.00	54.83 0.16 0.00	60.56 0.00 0.00	55.14 -0.11 0.00	48.61 -0.05 0.00	42.73 0.04 0.00	41.32 0.12 0.00	38.86 0.12 0.00
ALCOA___DSASP 323711	40.95 0.64 0.00	37.80 0.70 0.00	37.33 0.66 0.00	36.13 0.60 0.00	36.63 0.65 0.00	38.85 0.72 0.00	49.64 0.88 0.00	60.19 1.12 0.00	64.29 1.26 0.00	52.43 0.82 0.00	49.92 0.78 0.00	48.96 0.77 0.00	46.84 0.60 0.00	47.38 0.37 0.00	45.81 0.23 0.00	48.32 0.24 0.00	52.90 0.21 0.00	54.83 0.16 0.00	60.62 0.06 0.00	55.14 -0.11 0.00	48.56 -0.10 0.00	42.73 0.04 0.00	41.32 0.12 0.00	38.86 0.12 0.00
ALLEGHENY___COGEN 23514	40.71 0.40 0.00	37.35 0.26 0.00	36.96 0.29 0.00	35.56 0.04 0.00	35.74 -0.25 0.00	37.71 -0.42 0.00	48.01 -0.88 -0.12	61.06 -0.59 -2.59	86.81 -0.94 -24.72	58.97 -1.39 -8.76	64.26 -1.67 -16.79	69.68 -1.83 -23.32	66.60 -1.66 -22.03	70.83 -1.55 -25.37	69.27 -1.46 -25.14	72.21 -1.78 -25.91	72.06 -1.58 -20.94	69.14 -1.09 -15.57	79.87 -0.49 -19.80	86.12 -0.17 -31.03	75.28 -0.58 -27.21	63.39 -0.60 -21.30	40.43 -0.74 0.03	38.29 -0.43 0.03
ALTAMONT_115KV_TB 2 55880	40.87 0.56 0.00	37.61 0.52 0.00	37.22 0.55 0.00	36.09 0.57 0.00	36.53 0.54 0.00	38.66 0.53 0.00	49.50 0.73 0.00	59.89 0.83 0.00	63.85 0.82 0.00	52.33 0.72 0.00	49.77 0.64 0.00	48.87 0.67 0.00	46.94 0.69 0.00	47.81 0.80 0.00	46.50 0.91 0.00	49.09 1.01 0.00	53.90 1.21 0.00	55.98 1.31 0.00	62.07 1.51 0.00	56.63 1.38 0.00	49.97 1.31 0.00	43.84 1.15 0.00	42.31 1.11 0.00	39.59 0.85 0.00
ALTONA_WT_PWR 323606	40.39 0.08 0.00	37.24 0.15 0.00	36.82 0.15 0.00	35.63 0.11 0.00	36.17 0.18 0.00	38.47 0.34 0.00	49.15 0.39 0.00	59.60 0.53 0.00	63.79 0.76 0.00	51.97 0.36 0.00	49.28 0.15 0.00	48.39 0.19 0.00	46.06 -0.18 0.00	46.45 -0.56 0.00	44.72 -0.87 0.00	47.07 -1.01 0.00	51.27 -1.42 0.00	53.14 -1.53 0.00	58.62 -1.94 0.00	53.15 -2.10 0.00	46.95 -1.70 0.00	41.50 -1.20 0.00	40.09 -1.11 0.00	37.70 -1.04 0.00
AMERICAN_REF_FUEL 24010	38.17 -2.14 0.00	35.20 -1.89 0.00	35.02 -1.65 0.00	33.71 -1.81 0.00	33.65 -2.34 0.00	35.11 -3.01 0.00	43.22 -5.51 0.03	52.31 -6.03 0.73	49.84 -6.30 6.89	44.25 -4.90 2.45	39.93 -4.52 4.69	37.36 -4.34 6.50	36.22 -3.88 6.14	36.13 -3.81 7.07	34.90 -3.74 6.95	35.51 -5.19 7.38	33.57 -6.22 12.90	36.33 -6.07 12.26	48.68 -6.36 5.52	43.43 -4.53 7.29	37.79 -4.48 6.39	34.10 -3.59 5.01	37.39 -3.79 0.02	35.98 -2.75 0.02
ARKWRIGHT___SUMMIT_WT_PWR 323751	38.62 -1.69 0.00	35.35 -1.74 0.00	35.06 -1.61 0.00	33.53 -1.99 0.00	33.39 -2.59 0.00	34.81 -3.32 0.00	43.95 -4.78 0.03	53.15 -5.14 0.78	49.92 -5.67 7.44	44.27 -4.70 2.64	39.56 -4.52 5.05	36.69 -4.48 7.02	35.50 -4.12 6.63	35.28 -4.09 7.64	34.79 -5.01 5.78	36.33 -5.43 6.32	33.83 -6.32 12.54	36.11 -6.12 12.44	49.14 -6.72 4.69	43.95 -5.41 5.88	38.49 -4.72 5.45	34.20 -4.23 4.26	37.22 -3.96 0.02	35.35 -3.37 0.02
ARTHUR KILL_GT_1 23520	43.66 3.35 -0.01	39.96 2.86 -0.01	39.46 2.79 -0.01	38.20 2.66 -0.01	38.69 2.70 -0.01	41.11 2.97 -0.01	52.82 4.05 -0.01	63.32 4.25 0.00	67.06 4.03 0.00	55.58 3.97 0.00	53.17 4.03 0.00	52.29 4.10 0.00	50.36 4.12 0.00	51.33 4.32 0.00	49.92 4.33 0.00	52.79 4.71 0.00	57.91 5.22 0.00	59.97 5.30 0.00	66.43 5.87 0.00	60.83 5.58 0.00	53.77 5.11 0.00	47.39 4.70 0.00	45.78 4.57 -0.01	42.47 3.72 -0.01
ARTHUR_KILL_2 23512	43.54 3.23 -0.01	39.88 2.78 -0.01	39.35 2.68 -0.01	38.12 2.59 -0.01	38.59 2.59 -0.01	40.99 2.86 -0.01	52.68 3.90 -0.01	63.08 4.02 0.00	66.87 3.85 0.00	55.42 3.82 0.00	53.11 3.98 0.00	52.15 3.95 0.00	50.26 4.02 0.00	51.19 4.18 0.00	49.64 4.06 0.00	52.65 4.57 0.00	57.70 5.01 0.00	59.80 5.14 0.00	66.19 5.63 0.00	60.61 5.36 0.00	53.62 4.97 0.00	47.13 4.44 0.00	45.57 4.36 -0.01	42.35 3.60 -0.01
ARTHUR_KILL_3 23513	42.65 2.34 0.00	39.02 1.93 0.00	38.50 1.83 0.00	37.30 1.78 0.00	37.78 1.80 0.00	40.14 2.02 0.00	51.69 2.93 0.00	62.55 3.48 0.00	66.75 3.72 0.00	55.22 3.61 0.00	52.82 3.69 0.00	51.85 3.66 0.00	49.94 3.70 0.00	50.86 3.86 0.00	49.28 3.69 0.00	52.16 4.08 0.00	57.12 4.43 0.00	59.20 4.53 0.00	65.58 5.02 0.00	60.00 4.75 0.00	53.08 4.43 0.00	46.36 3.67 0.00	44.74 3.54 0.00	41.57 2.83 0.00

ARTHUR_KILL_COGEN 323718	43.66 3.34 -0.01	39.96 2.86 -0.01	39.46 2.79 -0.01	38.20 2.67 -0.01	38.69 2.70 -0.01	41.11 2.98 -0.01	52.82 4.05 -0.01	63.26 4.19 0.00	67.07 4.04 0.00	55.58 3.97 0.00	53.26 4.13 0.00	52.29 4.09 0.00	50.36 4.11 0.00	51.33 4.32 0.00	49.73 4.15 0.00	52.74 4.66 0.00	57.86 5.17 0.00	59.97 5.30 0.00	66.37 5.81 0.00	60.77 5.52 0.00	53.76 5.11 0.00	47.26 4.57 0.00	45.66 4.45 -0.01	42.47 3.72 -0.01
ASHOKAN____ 23654	41.64 1.33 0.00	38.28 1.19 0.00	37.88 1.21 0.00	36.63 1.10 0.00	37.06 1.08 0.00	39.15 1.03 0.00	50.23 1.46 0.00	60.90 1.83 0.00	64.48 1.45 0.00	52.43 0.82 0.00	49.92 0.78 0.00	48.82 0.62 0.00	46.98 0.74 0.00	47.86 0.85 0.00	46.54 0.96 0.00	49.33 1.25 0.00	54.43 1.74 0.00	57.02 2.35 0.00	63.40 2.85 0.00	57.68 2.43 0.00	50.94 2.29 0.00	44.62 1.92 0.00	43.13 1.94 0.00	40.21 1.47 0.00
ASTORIA_EAST_ENERGY_CC1 323581	43.18 2.86 -0.01	39.51 2.41 -0.01	38.99 2.31 -0.01	37.73 2.20 -0.01	38.19 2.20 -0.01	40.61 2.48 -0.01	52.03 3.27 0.00	62.19 3.13 0.00	66.36 3.34 0.01	55.06 3.46 0.01	52.76 3.64 0.01	51.80 3.62 0.01	49.89 3.65 0.01	50.81 3.81 0.01	49.27 3.69 0.01	52.16 4.08 0.01	57.11 4.43 0.01	59.14 4.48 0.01	65.39 4.85 0.01	59.88 4.64 0.01	53.03 4.38 0.01	46.49 3.80 0.00	45.16 3.96 -0.01	41.96 3.21 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	43.14 2.82 -0.01	39.48 2.38 -0.01	38.99 2.31 -0.01	37.70 2.17 -0.01	38.19 2.20 -0.01	40.57 2.44 -0.01	52.03 3.27 0.00	62.19 3.13 0.00	66.30 3.28 0.01	55.06 3.46 0.01	52.76 3.64 0.01	51.80 3.62 0.01	49.89 3.65 0.01	50.81 3.81 0.01	49.23 3.65 0.01	52.16 4.08 0.01	57.06 4.37 0.01	59.08 4.43 0.01	65.33 4.78 0.01	59.82 4.58 0.01	53.03 4.38 0.01	46.45 3.76 0.00	45.12 3.92 -0.01	41.96 3.21 -0.01
ASTORIA_GT2_1 24094	43.18 2.86 -0.01	39.51 2.41 -0.01	38.99 2.31 -0.01	37.73 2.20 -0.01	38.19 2.20 -0.01	40.61 2.48 -0.01	52.03 3.27 0.00	62.26 3.19 0.00	66.37 3.34 0.00	55.06 3.46 0.00	52.67 3.54 0.00	51.86 3.66 0.00	49.90 3.65 0.00	50.86 3.85 0.00	49.41 3.83 0.00	52.21 4.13 0.00	57.12 4.43 0.00	59.09 4.43 0.00	65.46 4.91 0.00	59.94 4.70 0.00	52.99 4.33 0.00	46.62 3.93 0.00	45.24 4.04 -0.01	41.97 3.22 -0.01
ASTORIA_GT2_2 24095	43.18 2.86 -0.01	39.51 2.41 -0.01	38.99 2.31 -0.01	37.73 2.20 -0.01	38.19 2.20 -0.01	40.61 2.48 -0.01	52.03 3.27 0.00	62.26 3.19 0.00	66.37 3.34 0.00	55.06 3.46 0.00	52.67 3.54 0.00	51.86 3.66 0.00	49.90 3.65 0.00	50.86 3.85 0.00	49.41 3.83 0.00	52.21 4.13 0.00	57.12 4.43 0.00	59.09 4.43 0.00	65.46 4.91 0.00	59.94 4.70 0.00	52.99 4.33 0.00	46.62 3.93 0.00	45.24 4.04 -0.01	41.97 3.22 -0.01
ASTORIA_GT2_3 24096	43.18 2.86 -0.01	39.51 2.41 -0.01	38.99 2.31 -0.01	37.73 2.20 -0.01	38.19 2.20 -0.01	40.61 2.48 -0.01	52.03 3.27 0.00	62.26 3.19 0.00	66.37 3.34 0.00	55.06 3.46 0.00	52.67 3.54 0.00	51.86 3.66 0.00	49.90 3.65 0.00	50.86 3.85 0.00	49.41 3.83 0.00	52.21 4.13 0.00	57.12 4.43 0.00	59.09 4.43 0.00	65.46 4.91 0.00	59.94 4.70 0.00	52.99 4.33 0.00	46.62 3.93 0.00	45.24 4.04 -0.01	41.97 3.22 -0.01
ASTORIA_GT2_4 24097	43.18 2.86 -0.01	39.51 2.41 -0.01	38.99 2.31 -0.01	37.73 2.20 -0.01	38.19 2.20 -0.01	40.61 2.48 -0.01	52.03 3.27 0.00	62.26 3.19 0.00	66.37 3.34 0.00	55.06 3.46 0.00	52.67 3.54 0.00	51.86 3.66 0.00	49.90 3.65 0.00	50.86 3.85 0.00	49.41 3.83 0.00	52.21 4.13 0.00	57.12 4.43 0.00	59.09 4.43 0.00	65.46 4.91 0.00	59.94 4.70 0.00	52.99 4.33 0.00	46.62 3.93 0.00	45.24 4.04 -0.01	41.97 3.22 -0.01
ASTORIA_GT3_1 24098	43.18 2.86 -0.01	39.51 2.41 -0.01	38.99 2.31 -0.01	37.73 2.20 -0.01	38.19 2.20 -0.01	40.61 2.48 -0.01	52.03 3.27 0.00	62.26 3.19 0.00	66.37 3.34 0.00	55.06 3.46 0.00	52.67 3.54 0.00	51.86 3.66 0.00	49.90 3.65 0.00	50.86 3.85 0.00	49.41 3.83 0.00	52.21 4.13 0.00	57.12 4.43 0.00	59.09 4.43 0.00	65.46 4.91 0.00	59.94 4.70 0.00	52.99 4.33 0.00	46.62 3.93 0.00	45.24 4.04 -0.01	41.97 3.22 -0.01
ASTORIA_GT3_2 24099	43.18 2.86 -0.01	39.51 2.41 -0.01	38.99 2.31 -0.01	37.73 2.20 -0.01	38.19 2.20 -0.01	40.61 2.48 -0.01	52.03 3.27 0.00	62.26 3.19 0.00	66.37 3.34 0.00	55.06 3.46 0.00	52.67 3.54 0.00	51.86 3.66 0.00	49.90 3.65 0.00	50.86 3.85 0.00	49.41 3.83 0.00	52.21 4.13 0.00	57.12 4.43 0.00	59.09 4.43 0.00	65.46 4.91 0.00	59.94 4.70 0.00	52.99 4.33 0.00	46.62 3.93 0.00	45.24 4.04 -0.01	41.97 3.22 -0.01
ASTORIA_GT3_3 24100	43.18 2.86 -0.01	39.51 2.41 -0.01	38.99 2.31 -0.01	37.73 2.20 -0.01	38.19 2.20 -0.01	40.61 2.48 -0.01	52.03 3.27 0.00	62.26 3.19 0.00	66.37 3.34 0.00	55.06 3.46 0.00	52.67 3.54 0.00	51.86 3.66 0.00	49.90 3.65 0.00	50.86 3.85 0.00	49.41 3.83 0.00	52.21 4.13 0.00	57.12 4.43 0.00	59.09 4.43 0.00	65.46 4.91 0.00	59.94 4.70 0.00	52.99 4.33 0.00	46.62 3.93 0.00	45.24 4.04 -0.01	41.97 3.22 -0.01
ASTORIA_GT3_4 24101	43.18 2.86 -0.01	39.51 2.41 -0.01	38.99 2.31 -0.01	37.73 2.20 -0.01	38.19 2.20 -0.01	40.61 2.48 -0.01	52.03 3.27 0.00	62.26 3.19 0.00	66.37 3.34 0.00	55.06 3.46 0.00	52.67 3.54 0.00	51.86 3.66 0.00	49.90 3.65 0.00	50.86 3.85 0.00	49.41 3.83 0.00	52.21 4.13 0.00	57.12 4.43 0.00	59.09 4.43 0.00	65.46 4.91 0.00	59.94 4.70 0.00	52.99 4.33 0.00	46.62 3.93 0.00	45.24 4.04 -0.01	41.97 3.22 -0.01
ASTORIA_GT4_1 24102	43.18 2.86 -0.01	39.51 2.41 -0.01	38.99 2.31 -0.01	37.73 2.20 -0.01	38.19 2.20 -0.01	40.61 2.48 -0.01	52.03 3.27 0.00	62.26 3.19 0.00	66.37 3.34 0.00	55.06 3.46 0.00	52.67 3.54 0.00	51.86 3.66 0.00	49.90 3.65 0.00	50.86 3.85 0.00	49.41 3.83 0.00	52.21 4.13 0.00	57.12 4.43 0.00	59.09 4.43 0.00	65.46 4.91 0.00	59.94 4.70 0.00	52.99 4.33 0.00	46.62 3.93 0.00	45.24 4.04 -0.01	41.97 3.22 -0.01
ASTORIA_GT4_2 24103	43.18 2.86 -0.01	39.51 2.41 -0.01	38.99 2.31 -0.01	37.73 2.20 -0.01	38.19 2.20 -0.01	40.61 2.48 -0.01	52.03 3.27 0.00	62.26 3.19 0.00	66.37 3.34 0.00	55.06 3.46 0.00	52.67 3.54 0.00	51.86 3.66 0.00	49.90 3.65 0.00	50.86 3.85 0.00	49.41 3.83 0.00	52.21 4.13 0.00	57.12 4.43 0.00	59.09 4.43 0.00	65.46 4.91 0.00	59.94 4.70 0.00	52.99 4.33 0.00	46.62 3.93 0.00	45.24 4.04 -0.01	41.97 3.22 -0.01
ASTORIA_GT4_3 24104	43.18 2.86 -0.01	39.51 2.41 -0.01	38.99 2.31 -0.01	37.73 2.20 -0.01	38.19 2.20 -0.01	40.61 2.48 -0.01	52.03 3.27 0.00	62.26 3.19 0.00	66.37 3.34 0.00	55.06 3.46 0.00	52.67 3.54 0.00	51.86 3.66 0.00	49.90 3.65 0.00	50.86 3.85 0.00	49.41 3.83 0.00	52.21 4.13 0.00	57.12 4.43 0.00	59.09 4.43 0.00	65.46 4.91 0.00	59.94 4.70 0.00	52.99 4.33 0.00	46.62 3.93 0.00	45.24 4.04 -0.01	41.97 3.22 -0.01

ASTORIA_GT4_4 24105	43.18 2.86 -0.01	39.51 2.41 -0.01	38.99 2.31 -0.01	37.73 2.20 -0.01	38.19 2.20 -0.01	40.61 2.48 -0.01	52.03 3.27 0.00	62.26 3.19 0.00	66.37 3.34 0.00	55.06 3.46 0.00	52.67 3.54 0.00	51.86 3.66 0.00	49.90 3.65 0.00	50.86 3.85 0.00	49.41 3.83 0.00	52.21 4.13 0.00	57.12 4.43 0.00	59.09 4.43 0.00	65.46 4.91 0.00	59.94 4.70 0.00	52.99 4.33 0.00	46.62 3.93 0.00	45.24 4.04 -0.01	41.97 3.22 -0.01
ASTORIA_GT_1 23523	43.22 2.90 -0.01	39.55 2.45 -0.01	39.06 2.38 -0.01	37.77 2.24 -0.01	38.26 2.27 -0.01	40.65 2.52 -0.01	52.13 3.36 0.00	62.37 3.31 0.00	66.50 3.47 0.00	55.17 3.56 0.00	52.77 3.64 0.00	51.90 3.71 0.00	49.99 3.75 0.00	50.96 3.95 0.00	49.51 3.92 0.00	52.31 4.23 0.00	57.22 4.53 0.00	59.20 4.54 0.00	65.58 5.03 0.00	60.05 4.81 0.00	53.08 4.43 0.00	46.71 4.01 0.00	45.33 4.12 -0.01	42.04 3.29 -0.01
ASTORIA_GT_10 24110	43.02 2.70 -0.01	39.36 2.26 -0.01	38.84 2.16 -0.01	37.63 2.10 -0.01	38.12 2.12 -0.01	40.46 2.33 -0.01	51.98 3.22 0.00	62.49 3.43 0.00	66.56 3.53 0.00	55.17 3.56 0.00	52.77 3.64 0.00	51.95 3.76 0.00	50.03 3.79 0.00	50.96 3.95 0.00	49.55 3.97 0.00	52.31 4.23 0.00	57.28 4.58 0.00	59.26 4.59 0.00	65.58 5.03 0.00	60.05 4.81 0.00	53.13 4.48 0.00	46.71 4.01 0.00	45.16 3.95 -0.01	41.89 3.14 -0.01
ASTORIA_GT_11 24225	43.02 2.70 -0.01	39.36 2.26 -0.01	38.84 2.16 -0.01	37.63 2.10 -0.01	38.12 2.12 -0.01	40.46 2.33 -0.01	51.98 3.22 0.00	62.49 3.43 0.00	66.56 3.53 0.00	55.17 3.56 0.00	52.77 3.64 0.00	51.95 3.76 0.00	50.03 3.79 0.00	50.96 3.95 0.00	49.55 3.97 0.00	52.31 4.23 0.00	57.28 4.58 0.00	59.26 4.59 0.00	65.58 5.03 0.00	60.05 4.81 0.00	53.13 4.48 0.00	46.71 4.01 0.00	45.16 3.95 -0.01	41.89 3.14 -0.01
ASTORIA_GT_12 24226	43.02 2.70 -0.01	39.36 2.26 -0.01	38.84 2.16 -0.01	37.63 2.10 -0.01	38.12 2.12 -0.01	40.46 2.33 -0.01	51.98 3.22 0.00	62.49 3.43 0.00	66.56 3.53 0.00	55.17 3.56 0.00	52.77 3.64 0.00	51.95 3.76 0.00	50.03 3.79 0.00	50.96 3.95 0.00	49.55 3.97 0.00	52.31 4.23 0.00	57.28 4.58 0.00	59.26 4.59 0.00	65.58 5.03 0.00	60.05 4.81 0.00	53.13 4.48 0.00	46.71 4.01 0.00	45.16 3.95 -0.01	41.89 3.14 -0.01
ASTORIA_GT_13 24227	43.02 2.70 -0.01	39.36 2.26 -0.01	38.84 2.16 -0.01	37.63 2.10 -0.01	38.12 2.12 -0.01	40.46 2.33 -0.01	51.98 3.22 0.00	62.49 3.43 0.00	66.56 3.53 0.00	55.17 3.56 0.00	52.77 3.64 0.00	51.95 3.76 0.00	50.03 3.79 0.00	50.96 3.95 0.00	49.55 3.97 0.00	52.31 4.23 0.00	57.28 4.58 0.00	59.26 4.59 0.00	65.58 5.03 0.00	60.05 4.81 0.00	53.13 4.48 0.00	46.71 4.01 0.00	45.16 3.95 -0.01	41.89 3.14 -0.01
ASTORIA_GT_5 24106	43.22 2.90 -0.01	39.55 2.45 -0.01	39.06 2.38 -0.01	37.77 2.24 -0.01	38.26 2.27 -0.01	40.65 2.52 -0.01	52.13 3.36 0.00	62.37 3.31 0.00	66.50 3.47 0.00	55.17 3.56 0.00	52.77 3.64 0.00	51.90 3.71 0.00	49.99 3.75 0.00	50.96 3.95 0.00	49.51 3.92 0.00	52.31 4.23 0.00	57.22 4.53 0.00	59.20 4.54 0.00	65.58 5.03 0.00	60.05 4.81 0.00	53.08 4.43 0.00	46.71 4.01 0.00	45.33 4.12 -0.01	42.04 3.29 -0.01
ASTORIA_GT_7 24107	43.22 2.90 -0.01	39.55 2.45 -0.01	39.06 2.38 -0.01	37.77 2.24 -0.01	38.26 2.27 -0.01	40.65 2.52 -0.01	52.13 3.36 0.00	62.37 3.																

ATHENS_STG_1 23668	41.40 1.09 0.00	38.02 0.93 0.00	37.59 0.92 0.00	36.45 0.92 0.00	36.89 0.90 0.00	39.08 0.95 0.00	50.13 1.36 0.00	60.60 1.53 0.00	64.67 1.64 0.00	53.10 1.50 0.00	50.66 1.52 0.00	49.69 1.50 0.00	47.77 1.52 0.00	48.65 1.64 0.00	47.22 1.64 0.00	49.95 1.87 0.00	54.75 2.05 0.00	56.86 2.19 0.00	62.98 2.42 0.00	57.51 2.27 0.00	50.79 2.14 0.00	44.48 1.79 0.00	42.93 1.73 0.00	40.10 1.36 0.00
ATHENS_STG_2 23670	41.40 1.09 0.00	38.02 0.93 0.00	37.59 0.92 0.00	36.45 0.92 0.00	36.89 0.90 0.00	39.08 0.95 0.00	50.13 1.36 0.00	60.60 1.53 0.00	64.67 1.64 0.00	53.10 1.50 0.00	50.66 1.52 0.00	49.69 1.50 0.00	47.77 1.52 0.00	48.65 1.64 0.00	47.22 1.64 0.00	49.95 1.87 0.00	54.75 2.05 0.00	56.86 2.19 0.00	62.98 2.42 0.00	57.51 2.27 0.00	50.79 2.14 0.00	44.48 1.79 0.00	42.93 1.73 0.00	40.10 1.36 0.00
ATHENS_STG_3 23677	41.40 1.09 0.00	38.02 0.93 0.00	37.59 0.92 0.00	36.45 0.92 0.00	36.89 0.90 0.00	39.08 0.95 0.00	50.13 1.36 0.00	60.60 1.53 0.00	64.67 1.64 0.00	53.10 1.50 0.00	50.66 1.52 0.00	49.69 1.50 0.00	47.77 1.52 0.00	48.65 1.64 0.00	47.22 1.64 0.00	49.95 1.87 0.00	54.75 2.05 0.00	56.86 2.19 0.00	62.98 2.42 0.00	57.51 2.27 0.00	50.79 2.14 0.00	44.48 1.79 0.00	42.93 1.73 0.00	40.10 1.36 0.00
AUBURN____LFGE 323710	40.15 -0.16 0.00	36.91 -0.19 0.00	36.45 -0.22 0.00	35.24 -0.28 0.00	35.70 -0.29 0.00	37.86 -0.27 0.00	48.48 -0.29 0.00	59.00 -0.18 -0.11	63.94 -0.13 -1.04	51.87 -0.10 -0.37	49.74 -0.10 -0.71	49.08 -0.10 -0.98	47.12 -0.05 -0.92	48.12 0.05 -1.07	45.54 -0.05 -0.01	48.10 -0.10 -0.12	54.26 0.00 -1.57	57.18 0.00 -2.51	60.61 0.00 -0.05	55.37 0.11 -0.01	48.72 -0.05 -0.11	42.65 -0.13 -0.09	41.04 -0.16 0.00	38.71 -0.04 0.00
BABYLON_RES_REC 323704	42.32 2.01 0.00	38.50 1.41 0.00	37.83 1.25 0.09	36.66 1.17 0.03	37.12 1.19 0.05	39.61 1.49 0.00	50.31 1.85 0.31	52.08 2.19 9.18	52.74 2.33 12.62	50.72 2.32 3.21	51.73 2.60 0.01	48.00 2.50 2.70	47.80 2.54 0.98	47.92 2.68 1.77	48.37 2.83 0.05	50.72 2.64 0.01	55.53 2.84 0.01	57.61 2.95 0.01	64.25 3.69 0.00	59.23 3.98 0.00	52.16 3.51 0.00	47.06 3.93 -0.44	45.07 3.87 0.00	41.57 2.83 0.00
BALL_HILL_WT_PWR 323825	38.62 -1.69 0.00	35.50 -1.59 0.00	35.24 -1.43 0.00	33.85 -1.67 0.00	33.79 -2.20 0.00	35.22 -2.90 0.00	44.39 -4.34 0.04	53.84 -4.43 0.80	50.76 -4.66 7.60	45.20 -3.72 2.69	40.48 -3.49 5.17	37.65 -3.37 7.17	36.41 -3.05 6.77	36.25 -2.96 7.80	34.76 -3.78 7.04	36.22 -4.23 7.63	34.05 -5.01 13.63	36.70 -4.76 13.21	49.65 -5.21 5.69	43.85 -4.03 7.37	38.35 -3.55 6.75	34.12 -3.29 5.29	37.97 -3.21 0.02	35.97 -2.75 0.02
BARON_WINDS____WT_PWR 323822	39.14 -1.17 0.00	35.90 -1.19 0.00	35.57 -1.10 0.00	34.07 -1.46 0.00	34.04 -1.94 0.00	35.65 -2.48 0.00	44.86 -3.71 0.20	50.86 -3.84 4.37	17.29 -4.04 41.70	33.32 -3.51 14.78	17.37 -3.44 28.33	5.54 -3.32 39.33	5.94 -3.15 37.15	1.16 -3.05 42.80	-6.00 -3.60 47.98	-6.00 -3.46 50.62	-12.86 -3.74 61.81	-6.00 -3.72 56.95	18.17 -4.12 38.27	-6.00 -3.65 57.60	-6.00 -3.12 51.54	-0.77 -3.11 40.35	37.99 -3.17 0.03	35.92 -2.79 0.03
BARRETT_IC_1 23704	42.26 1.89 -0.06	38.54 1.45 0.00	37.92 1.25 0.00	36.73 1.21 0.00	37.21 1.22 0.00	39.61 1.49 -0.01	50.64 1.90 0.03	60.43 1.95 0.58	64.30 2.08 0.80	53.72 2.32 0.21	51.73 2.60 0.01	50.70 2.55 0.05	50.08 2.63 -1.20	50.70 2.77 -0.92	48.71 2.96 -0.17	51.10 3.03 0.01	56.01 3.32 0.01	58.05 3.39 0.01	64.94 4.30 -0.08	59.59 4.25 -0.08	52.44 3.70 -0.08	50.70 3.80 -4.21	44.95 3.67 -0.08	41.46 2.64 -0.08
BARRETT_IC_10 23701	42.26 1.89 -0.06	38.54 1.45 0.00	37.92 1.25 0.00	36.73 1.21 0.00	37.21 1.22 0.00	39.61 1.49 -0.01	50.64 1.90 0.03	60.43 1.95 0.58	64.30 2.08 0.80	53.72 2.32 0.21	51.73 2.60 0.01	50.70 2.55 0.05	50.08 2.63 -1.20	50.70 2.77 -0.92	48.71 2.96 -0.17	51.10 3.03 0.01	56.01 3.32 0.01	58.05 3.39 0.01	64.94 4.30 -0.08	59.59 4.25 -0.08	52.44 3.70 -0.08	50.70 3.80 -4.21	44.95 3.67 -0.08	41.46 2.64 -0.08
BARRETT_IC_11 23702	42.26 1.89 -0.06	38.54 1.45 0.00	37.92 1.25 0.00	36.73 1.21 0.00	37.21 1.22 0.00	39.61 1.49 -0.01	50.64 1.90 0.03	60.43 1.95 0.58	64.30 2.08 0.80	53.72 2.32 0.21	51.73 2.60 0.01	50.70 2.55 0.05	50.08 2.63 -1.20	50.70 2.77 -0.92	48.71 2.96 -0.17	51.10 3.03 0.01	56.01 3.32 0.01	58.05 3.39 0.01	64.94 4.30 -0.08	59.59 4.25 -0.08	52.44 3.70 -0.08	50.70 3.80 -4.21	44.95 3.67 -0.08	41.46 2.64 -0.08
BARRETT_IC_12 23703	42.26 1.89 -0.06	38.54 1.45 0.00	37.92 1.25 0.00	36.73 1.21 0.00	37.21 1.22 0.00	39.61 1.49 -0.01	50.64 1.90 0.03	60.43 1.95 0.58	64.30 2.08 0.80	53.72 2.32 0.21	51.73 2.60 0.01	50.70 2.55 0.05	50.08 2.63 -1.20	50.70 2.77 -0.92	48.71 2.96 -0.17	51.10 3.03 0.01	56.01 3.32 0.01	58.05 3.39 0.01	64.94 4.30 -0.08	59.59 4.25 -0.08	52.44 3.70 -0.08	50.70 3.80 -4.21	44.95 3.67 -0.08	41.46 2.64 -0.08
BARRETT_IC_2 23705	42.26 1.89 -0.06	38.54 1.45 0.00	37.92 1.25 0.00	36.73 1.21 0.00	37.21 1.22 0.00	39.61 1.49 -0.01	50.64 1.90 0.03	60.43 1.95 0.58	64.30 2.08 0.80	53.72 2.32 0.21	51.73 2.60 0.01	50.70 2.55 0.05	50.08 2.63 -1.20	50.70 2.77 -0.92	48.71 2.96 -0.17	51.10 3.03 0.01	56.01 3.32 0.01	58.05 3.39 0.01	64.94 4.30 -0.08	59.59 4.25 -0.08	52.44 3.70 -0.08	50.70 3.80 -4.21	44.95 3.67 -0.08	41.46 2.64 -0.08
BARRETT_IC_3 23706	42.26 1.89 -0.06	38.54 1.45 0.00	37.92 1.25 0.00	36.73 1.21 0.00	37.21 1.22 0.00	39.61 1.49 -0.01	50.64 1.90 0.03	60.43 1.95 0.58	64.30 2.08 0.80	53.72 2.32 0.21	51.73 2.60 0.01	50.70 2.55 0.05	50.08 2.63 -1.20	50.70 2.77 -0.92	48.71 2.96 -0.17	51.10 3.03 0.01	56.01 3.32 0.01	58.05 3.39 0.01	64.94 4.30 -0.08	59.59 4.25 -0.08	52.44 3.70 -0.08	50.70 3.80 -4.21	44.95 3.67 -0.08	41.46 2.64 -0.08
BARRETT_IC_4 23707	42.26 1.89 -0.06	38.54 1.45 0.00	37.92 1.25 0.00	36.73 1.21 0.00	37.21 1.22 0.00	39.61 1.49 -0.01	50.64 1.90 0.03	60.43 1.95 0.58	64.30 2.08 0.80	53.72 2.32 0.21	51.73 2.60 0.01	50.70 2.55 0.05	50.08 2.63 -1.20	50.70 2.77 -0.92	48.71 2.96 -0.17	51.10 3.03 0.01	56.01 3.32 0.01	58.05 3.39 0.01	64.94 4.30 -0.08	59.59 4.25 -0.08	52.44 3.70 -0.08	50.70 3.80 -4.21	44.95 3.67 -0.08	41.46 2.64 -0.08
BARRETT_IC_5 23708	42.26 1.89 -0.06	38.54 1.45 0.00	37.92 1.25 0.00	36.73 1.21 0.00	37.21 1.22 0.00	39.61 1.49 -0.01	50.64 1.90 0.03	60.43 1.95 0.58	64.30 2.08 0.80	53.72 2.32 0.21	51.73 2.60 0.01	50.70 2.55 0.05	50.08 2.63 -1.20	50.70 2.77 -0.92	48.71 2.96 -0.17	51.10 3.03 0.01	56.01 3.32 0.01	58.05 3.39 0.01	64.94 4.30 -0.08	59.59 4.25 -0.08	52.44 3.70 -0.08	50.70 3.80 -4.21	44.95 3.67 -0.08	41.46 2.64 -0.08

BARRETT_IC_6 23709	42.26 1.89 -0.06	38.54 1.45 0.00	37.92 1.25 0.00	36.73 1.21 0.00	37.21 1.22 0.00	39.61 1.49 -0.01	50.64 1.90 0.03	60.43 1.95 0.58	64.30 2.08 0.80	53.72 2.32 0.21	51.73 2.60 0.01	50.70 2.55 0.05	50.08 2.63 -1.20	50.70 2.77 -0.92	48.71 2.96 -0.17	51.10 3.03 0.01	56.01 3.32 0.01	58.05 3.39 0.01	64.94 4.30 -0.08	59.59 4.25 -0.08	52.44 3.70 -0.08	50.70 3.80 -4.21	44.95 3.67 -0.08	41.46 2.64 -0.08
BARRETT_IC_7 23710	42.26 1.89 -0.06	38.54 1.45 0.00	37.92 1.25 0.00	36.73 1.21 0.00	37.21 1.22 0.00	39.65 1.52 0.00	50.59 1.85 0.03	60.49 2.01 0.58	64.37 2.14 0.80	53.72 2.32 0.21	51.63 2.51 0.01	50.70 2.55 0.05	50.13 2.68 -1.20	50.70 2.77 -0.92	48.90 3.15 -0.17	51.05 2.98 0.01	56.00 3.32 0.01	58.05 3.39 0.01	65.24 4.60 -0.08	59.81 4.48 -0.08	52.68 3.94 -0.08	50.79 3.88 -4.21	45.20 3.91 -0.08	41.46 2.63 -0.08
BARRETT_IC_8 23711	42.26 1.89 -0.06	38.54 1.45 0.00	37.92 1.25 0.00	36.73 1.21 0.00	37.21 1.22 0.00	39.61 1.49 -0.01	50.64 1.90 0.03	60.43 1.95 0.58	64.30 2.08 0.80	53.72 2.32 0.21	51.73 2.60 0.01	50.70 2.55 0.05	50.08 2.63 -1.20	50.70 2.77 -0.92	48.71 2.96 -0.17	51.10 3.03 0.01	56.01 3.32 0.01	58.05 3.39 0.01	64.94 4.30 -0.08	59.59 4.25 -0.08	52.44 3.70 -0.08	50.70 3.80 -4.21	44.95 3.67 -0.08	41.46 2.64 -0.08
BARRETT_IC_9 23700	42.26 1.89 -0.06	38.54 1.45 0.00	37.92 1.25 0.00	36.73 1.21 0.00	37.21 1.22 0.00	39.61 1.49 -0.01	50.64 1.90 0.03	60.43 1.95 0.58	64.30 2.08 0.80	53.72 2.32 0.21	51.73 2.60 0.01	50.70 2.55 0.05	50.08 2.63 -1.20	50.70 2.77 -0.92	48.71 2.96 -0.17	51.10 3.03 0.01	56.01 3.32 0.01	58.05 3.39 0.01	64.94 4.30 -0.08	59.59 4.25 -0.08	52.44 3.70 -0.08	50.70 3.80 -4.21	44.95 3.67 -0.08	41.46 2.64 -0.08
BARRETT___1 23545	42.26 1.89 -0.06	38.54 1.45 0.00	37.92 1.25 0.00	36.73 1.21 0.00	37.21 1.22 0.00	39.61 1.49 -0.01	50.64 1.90 0.03	60.43 1.95 0.58	64.30 2.08 0.80	53.72 2.32 0.21	51.73 2.60 0.01	50.70 2.55 0.05	50.08 2.63 -1.20	50.70 2.77 -0.92	48.71 2.96 -0.17	51.10 3.03 0.01	56.01 3.32 0.01	58.05 3.39 0.01	64.94 4.30 -0.08	59.59 4.25 -0.08	52.44 3.70 -0.08	50.70 3.80 -4.21	44.95 3.67 -0.08	41.46 2.64 -0.08
BARRETT___2 23546	42.26 1.89 -0.06	38.54 1.45 0.00	37.92 1.25 0.00	36.73 1.21 0.00	37.21 1.22 0.00	39.61 1.49 -0.01	50.64 1.90 0.03	60.43 1.95 0.58	64.30 2.08 0.80	53.72 2.32 0.21	51.73 2.60 0.01	50.70 2.55 0.05	50.08 2.63 -1.20	50.70 2.77 -0.92	48.71 2.96 -0.17	51.10 3.03 0.01	56.01 3.32 0.01	58.05 3.39 0.01	64.94 4.30 -0.08	59.59 4.25 -0.08	52.44 3.70 -0.08	50.70 3.80 -4.21	44.95 3.67 -0.08	41.46 2.64 -0.08
BATAVIA___115KV_TB1 55881	39.38 -0.93 0.00	36.24 -0.85 0.00	36.01 -0.66 0.00	34.67 -0.85 0.00	34.76 -1.22 0.00	36.37 -1.75 0.00	45.43 -3.32 0.02	55.23 -3.31 0.53	54.72 -3.28 5.03	47.34 -2.48 1.79	43.41 -2.31 3.42	41.19 -2.27 4.74	39.82 -1.94 4.48	40.01 -1.83 5.16	38.14 -2.32 5.12	39.56 -3.03 5.50	39.28 -3.64 9.78	41.41 -3.44 9.81	53.00 -3.45 4.10	47.43 -2.32 5.50	41.15 -2.58 4.93	36.57 -2.26 3.86	38.84 -2.35 0.01	37.29 -1.43 0.01
BAYONEEC___CTG1 323682	42.81 2.50 0.00	39.17 2.08 0.00	38.65 1.98 0.00	37.40 1.88 0.00	37.93 1.94 0.00	40.26 2.13 0.00	51.89 3.12 0.00	62.73 3.66 0.00	66.94 3.91 0.00	55.37 3.77 0.00	52.97 3.84 0.00	52.00 3.81 0.00	50.08 3.84 0.00	51.00 3.99 0.00	49.41 3.83 0.00	52.26 4.18 0.00	57.27 4.58 0.00	59.37 4.70 0.00	65.76 5.21 0.00	60.16 4.92 0.00	53.18 4.53 0.00	46.54 3.84 0.00	44.86 3.67 0.00	41.68 2.94 0.00
BAYONEEC___CTG10 323750	42.81 2.50 0.00	39.17 2.08 0.00	38.65 1.98 0.00	37.40 1.88 0.00	37.93 1.94 0.00	40.26 2.13 0.00	51.89 3.12 0.00	62.73 3.66 0.00	66.94 3.91 0.00	55.37 3.77 0.00	52.97 3.84 0.00	52.00 3.81 0.00	50.08 3.84 0.00	51.00 3.99 0.00	49.41 3.83 0.00	52.26 4.18 0.00	57.27 4.58 0.00	59.37 4.70 0.00	65.76 5.21 0.00	60.16 4.92 0.00	53.18 4.53 0.00	46.54 3.84 0.00	44.86 3.67 0.00	41.68 2.94 0.00
BAYONEEC___CTG2 323683	42.81 2.50 0.00	39.17 2.08 0.00	38.65 1.98 0.00	37.40 1.88 0.00	37.93 1.94 0.00	40.26 2.13 0.00	51.89 3.12 0.00	62.73 3.66 0.00	66.94 3.91 0.00	55.37 3.77 0.00	52.97 3.84 0.00	52.00 3.81 0.00	50.08 3.84 0.00	51.00 3.99 0.00	49.41 3.83 0.00	52.26 4.18 0.00	57.27 4.58 0.00	59.37 4.70 0.00	65.76 5.21 0.00	60.16 4.92 0.00	53.18 4.53 0.00	46.54 3.84 0.00	44.86 3.67 0.00	41.68 2.94 0.00
BAYONEEC___CTG3 323684	42.81 2.50 0.00	39.17 2.08 0.00	38.65 1.98 0.00	37.40 1.88 0.00	37.93 1.94 0.00	40.26 2.13 0.00	51.89 3.12 0.00	62.73 3.66 0.00	66.94 3.91 0.00	55.37 3.77 0.00	52.97 3.84 0.00	52.00 3.81 0.00	50.08 3.84 0.00	51.00 3.99 0.00	49.41 3.83 0.00	52.26 4.18 0.00	57.27 4.58 0.00	59.37 4.70 0.00	65.76 5.21 0.00	60.16 4.92 0.00	53.18 4.53 0.00	46.54 3.84 0.00	44.86 3.67 0.00	41.68 2.94 0.00
BAYONEEC___CTG4 323685	42.81 2.50 0.00	39.17 2.08 0.00	38.65 1.98 0.00	37.40 1.88 0.00	37.93 1.94 0.00	40.26 2.13 0.00	51.89 3.12 0.00	62.73 3.66 0.00	66.94 3.91 0.00	55.37 3.77 0.00	52.97 3.84 0.00	52.00 3.81 0.00	50.08 3.84 0.00	51.00 3.99 0.00	49.41 3.83 0.00	52.26 4.18 0.00	57.27 4.58 0.00	59.37 4.70 0.00	65.76 5.21 0.00	60.16 4.92 0.00	53.18 4.53 0.00	46.54 3.84 0.00	44.86 3.67 0.00	41.68 2.94 0.00
BAYONEEC___CTG5 323686	42.81 2.50 0.00	39.17 2.08 0.00	38.65 1.98 0.00	37.40 1.88 0.00	37.93 1.94 0.00	40.26 2.13 0.00	51.89 3.12 0.00	62.73 3.66 0.00	66.94 3.91 0.00	55.37 3.77 0.00	52.97 3.84 0.00	52.00 3.81 0.00	50.08 3.84 0.00	51.00 3.99 0.00	49.41 3.83 0.00	52.26 4.18 0.00	57.27 4.58 0.00	59.37 4.70 0.00	65.76 5.21 0.00	60.16 4.92 0.00	53.18 4.53 0.00	46.54 3.84 0.00	44.86 3.67 0.00	41.68 2.94 0.00
BAYONEEC___CTG6 323687	42.81 2.50 0.00	39.17 2.08 0.00	38.65 1.98 0.00	37.40 1.88 0.00	37.93 1.94 0.00	40.26 2.13 0.00	51.89 3.12 0.00	62.73 3.66 0.00	66.94 3.91 0.00	55.37 3.77 0.00	52.97 3.84 0.00	52.00 3.81 0.00	50.08 3.84 0.00	51.00 3.99 0.00	49.41 3.83 0.00	52.26 4.18 0.00	57.27 4.58 0.00	59.37 4.70 0.00	65.76 5.21 0.00	60.16 4.92 0.00	53.18 4.53 0.00	46.54 3.84 0.00	44.86 3.67 0.00	41.68 2.94 0.00
BAYONEEC___CTG7 323688	42.81 2.50 0.00	39.17 2.08 0.00	38.65 1.98 0.00	37.40 1.88 0.00	37.93 1.94 0.00	40.26 2.13 0.00	51.89 3.12 0.00	62.73 3.66 0.00	66.94 3.91 0.00	55.37 3.77 0.00	52.97 3.84 0.00	52.00 3.81 0.00	50.08 3.84 0.00	51.00 3.99 0.00	49.41 3.83 0.00	52.26 4.18 0.00	57.27 4.58 0.00	59.37 4.70 0.00	65.76 5.21 0.00	60.16 4.92 0.00	53.18 4.53 0.00	46.54 3.84 0.00	44.86 3.67 0.00	41.68 2.94 0.00

BAYONEEC___CTG8 323689	42.81 2.50 0.00	39.17 2.08 0.00	38.65 1.98 0.00	37.40 1.88 0.00	37.93 1.94 0.00	40.26 2.13 0.00	51.89 3.12 0.00	62.73 3.66 0.00	66.94 3.91 0.00	55.37 3.77 0.00	52.97 3.84 0.00	52.00 3.81 0.00	50.08 3.84 0.00	51.00 3.99 0.00	49.41 3.83 0.00	52.26 4.18 0.00	57.27 4.58 0.00	59.37 4.70 0.00	65.76 5.21 0.00	60.16 4.92 0.00	53.18 4.53 0.00	46.54 3.84 0.00	44.86 3.67 0.00	41.68 2.94 0.00
BAYONEEC___CTG9 323749	42.81 2.50 0.00	39.17 2.08 0.00	38.65 1.98 0.00	37.40 1.88 0.00	37.93 1.94 0.00	40.26 2.13 0.00	51.89 3.12 0.00	62.73 3.66 0.00	66.94 3.91 0.00	55.37 3.77 0.00	52.97 3.84 0.00	52.00 3.81 0.00	50.08 3.84 0.00	51.00 3.99 0.00	49.41 3.83 0.00	52.26 4.18 0.00	57.27 4.58 0.00	59.37 4.70 0.00	65.76 5.21 0.00	60.16 4.92 0.00	53.18 4.53 0.00	46.54 3.84 0.00	44.86 3.67 0.00	41.68 2.94 0.00
BEACON___LESR 323632	40.91 0.61 0.00	37.76 0.67 0.00	37.33 0.66 0.00	36.23 0.71 0.00	36.67 0.68 0.00	38.81 0.69 0.00	49.64 0.88 0.00	60.13 1.06 0.00	64.03 1.01 0.00	52.43 0.82 0.00	49.87 0.74 0.00	48.87 0.67 0.00	46.94 0.69 0.00	47.81 0.80 0.00	46.50 0.91 0.00	49.19 1.11 0.00	54.06 1.37 0.00	56.25 1.59 0.00	62.31 1.76 0.00	56.79 1.54 0.00	50.11 1.46 0.00	43.89 1.19 0.00	42.48 1.28 0.00	39.75 1.01 0.00
BEAVER RIVER___HYD 24048	41.44 1.13 0.00	38.17 1.08 0.00	37.62 0.95 0.00	36.37 0.85 0.00	36.96 0.97 0.00	39.15 1.03 0.00	49.99 1.22 0.00	60.84 1.77 0.00	64.73 1.70 0.00	52.54 0.93 0.00	49.58 0.44 0.00	48.34 0.15 0.00	46.20 -0.05 0.00	46.87 -0.14 0.00	45.36 -0.23 0.00	48.03 -0.05 0.00	52.74 0.05 0.00	54.29 -0.38 0.00	60.37 -0.18 0.00	55.30 0.06 0.00	48.56 -0.10 0.00	42.91 0.21 0.00	41.36 0.17 0.00	38.94 0.19 0.00
BEEBEE_GT_13 23619	39.38 -0.93 0.00	36.20 -0.89 0.00	35.86 -0.81 0.00	34.67 -0.85 0.00	34.94 -1.04 0.00	36.83 -1.30 0.00	46.52 -2.24 0.00	56.59 -2.48 0.00	60.64 -2.40 -0.01	49.85 -1.75 0.00	47.57 -1.57 -0.01	46.71 -1.49 -0.01	45.00 -1.25 -0.01	45.80 -1.22 -0.01	44.16 -1.41 0.01	46.00 -1.92 0.16	47.91 -2.27 2.52	48.88 -2.30 3.49	58.25 -2.24 0.07	53.19 -2.04 0.01	46.18 -2.34 0.14	40.49 -2.09 0.11	39.21 -1.98 0.01	37.53 -1.20 0.01
BENSHRST_27_KV_BENSHRST_1 355998	43.38 3.06 -0.01	39.70 2.60 -0.01	39.17 2.49 -0.01	37.91 2.38 -0.01	38.40 2.41 -0.01	40.80 2.67 -0.01	52.43 3.66 -0.01	63.02 3.96 0.00	66.94 3.91 0.00	55.48 3.87 0.00	53.12 3.98 0.00	52.24 4.05 0.00	50.36 4.12 0.00	51.29 4.28 0.00	49.87 4.29 0.00	52.70 4.62 0.00	57.75 5.06 0.00	59.81 5.14 0.00	66.25 5.69 0.00	60.61 5.36 0.00	53.57 4.91 0.00	47.13 4.44 0.00	45.53 4.33 -0.01	42.24 3.49 -0.01
BETHLEHEM___GRP 23843	40.35 0.04 0.00	37.24 0.15 0.00	36.82 0.15 0.00	35.77 0.25 0.00	36.20 0.22 0.00	38.28 0.15 0.00	48.91 0.15 0.00	59.18 0.12 0.00	63.03 0.00 0.00	51.66 0.05 0.00	49.09 -0.05 0.00	48.19 0.00 0.00	46.29 0.05 0.00	47.15 0.14 0.00	45.90 0.32 0.00	48.51 0.43 0.00	53.27 0.58 0.00	55.38 0.71 0.00	61.34 0.79 0.00	55.91 0.66 0.00	49.39 0.73 0.00	43.33 0.64 0.00	41.90 0.70 0.00	39.21 0.46 0.00
BETHLEHEM___GS1 323560	40.35 0.04 0.00	37.24 0.15 0.00	36.82 0.15 0.00	35.77 0.25 0.00	36.17 0.18 0.00	38.28 0.15 0.00	48.91 0.15 0.00	59.13 0.06 0.00	63.03 0.00 0.00	51.66 0.05 0.00	49.14 0.00 0.00	48.19 0.00 0.00	46.29 0.05 0.00	47.15 0.14 0.00	45.86 0.28 0.00	48.51 0.43 0.00	53.27 0.58 0.00	55.38 0.71 0.00	61.34 0.79 0.00	55.91 0.67 0.00	49.39 0.73 0.00	43.25 0.55 0.00	41.86 0.66 0.00	39.21 0.47 0.00
BETHLEHEM___GS2 323561	40.35 0.04 0.00	37.24 0.15 0.00	36.82 0.15 0.00	35.77 0.25 0.00	36.17 0.18 0.00	38.28 0.15 0.00	48.91 0.15 0.00	59.13 0.06 0.00	63.03 0.00 0.00	51.66 0.05 0.00	49.14 0.00 0.00	48.19 0.00 0.00	46.29 0.05 0.00	47.15 0.14 0.00	45.86 0.28 0.00	48.51 0.43 0.00	53.27 0.58 0.00	55.38 0.71 0.00	61.34 0.79 0.00	55.91 0.67 0.00	49.39 0.73 0.00	43.25 0.55 0.00	41.86 0.66 0.00	39.21 0.47 0.00
BETHLEHEM___GS3 323562	40.35 0.04 0.00	37.24 0.15 0.00	36.82 0.15 0.00	35.77 0.25 0.00	36.17 0.18 0.00	38.28 0.15 0.00	48.91 0.15 0.00	59.13 0.06 0.00	63.03 0.00 0.00	51.66 0.05 0.00	49.14 0.00 0.00	48.19 0.00 0.00	46.29 0.05 0.00	47.15 0.14 0.00	45.86 0.28 0.00	48.51 0.43 0.00	53.27 0.58 0.00	55.38 0.71 0.00	61.34 0.79 0.00	55.91 0.67 0.00	49.39 0.73 0.00	43.25 0.55 0.00	41.86 0.66 0.00	39.21 0.47 0.00
BETHLEHEM___STEEL 23779	38.58 -1.73 0.00	35.50 -1.59 0.00	35.28 -1.39 0.00	33.89 -1.63 0.00	33.79 -2.20 0.00	35.19 -2.94 0.00	44.34 -4.39 0.04	53.67 -4.49 0.91	49.76 -4.60 8.67	44.97 -3.56 3.07	39.91 -3.34 5.89	36.79 -3.23 8.17	35.65 -2.87 7.72	35.34 -2.77 8.89	33.46 -3.74 8.39	34.98 -4.09 9.01	33.08 -4.85 14.76	35.42 -4.76 14.49	48.60 -5.21 6.75	42.24 -3.98 9.03	36.95 -3.50 8.21	33.19 -3.07 6.42	38.21 -2.97 0.02	36.05 -2.67 0.02
BETHLHEM_115KV_TB1 79974	40.47 0.16 0.00	37.35 0.26 0.00	36.93 0.26 0.00	35.84 0.32 0.00	36.27 0.29 0.00	38.39 0.27 0.00	49.06 0.29 0.00	59.36 0.30 0.00	63.28 0.25 0.00	51.81 0.21 0.00	49.28 0.15 0.00	48.39 0.19 0.00	46.47 0.23 0.00	47.29 0.28 0.00	46.04 0.46 0.00	48.66 0.58 0.00	53.43 0.74 0.00	55.54 0.87 0.00	61.52 0.97 0.00	56.13 0.88 0.00	49.53 0.88 0.00	43.46 0.77 0.00	41.98 0.78 0.00	39.28 0.54 0.00
BETHPAGE_CC_5 323564	42.29 1.97 0.00	38.50 1.41 0.00	37.87 1.25 0.05	36.67 1.17 0.02	37.14 1.19 0.03	39.61 1.49 0.00	50.39 1.90 0.28	52.94 2.19 8.31	53.96 2.39 11.46	51.08 2.38 2.90	51.82 2.70 0.01	48.36 2.60 2.44	48.04 2.63 0.83	48.27 2.82 1.55	48.51 2.96 0.03	51.15 3.08 0.01	56.01 3.32 0.01	58.05 3.39 0.01	64.92 4.36 0.00	59.62 4.36 0.00	52.55 3.89 0.00	47.30 3.97 -0.64	45.12 3.92 0.00	41.65 2.91 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.62 -1.69 0.00	35.53 -1.56 0.00	35.31 -1.36 0.00	33.89 -1.63 0.00	33.79 -2.20 0.00	35.19 -2.94 0.00	44.53 -4.19 0.04	53.99 -4.19 0.89	50.37 -4.22 8.44	45.36 -3.25 2.99	40.31 -3.10 5.73	37.30 -2.94 7.96	36.09 -2.64 7.52	35.81 -2.54 8.66	34.05 -3.60 7.93	35.69 -3.85 8.55	33.80 -4.58 14.31	36.02 -4.48 14.16	49.20 -4.97 6.39	42.89 -3.87 8.49	37.66 -3.26 7.73	33.73 -2.90 6.06	38.38 -2.80 0.02	36.01 -2.71 0.02
BINGHAMTON___COGEN 23790	40.51 0.20 0.00	37.20 0.11 0.00	36.82 0.15 0.00	35.59 0.07 0.00	35.99 0.00 0.00	38.05 -0.08 0.00	48.77 0.00 0.00	59.24 0.18 0.00	63.34 0.32 0.00	51.92 0.31 0.00	49.43 0.29 0.00	48.53 0.37 0.00	46.61 0.47 0.00	47.48 0.47 0.00	45.86 0.27 0.00	48.42 0.34 0.00	51.64 0.37 1.42	55.05 0.38 0.00	60.98 0.42 0.00	55.80 0.55 0.00	49.19 0.54 0.00	43.03 0.34 0.00	41.49 0.29 0.00	38.94 0.19 0.00

BIXINCNT_115KV_LOAD 355685	38.82 -1.49 0.00	35.50 -1.59 0.00	35.31 -1.36 0.00	33.46 -2.06 0.00	33.14 -2.84 0.00	34.46 -3.66 0.00	44.20 -4.54 0.04	53.97 -4.31 0.78	50.96 -4.60 7.47	45.19 -3.77 2.65	40.33 -3.73 5.07	37.58 -3.57 7.04	36.12 -3.47 6.65	35.82 -3.53 7.66	35.06 -5.06 5.47	36.98 -5.10 6.00	35.01 -5.90 11.78	36.66 -5.63 12.38	49.69 -6.42 4.45	44.28 -5.41 5.55	39.12 -4.38 5.16	34.94 -3.71 4.04	37.72 -3.46 0.02	35.04 -3.68 0.02
BLACK RIVER___HYD 24047	41.60 1.29 0.00	38.28 1.19 0.00	37.73 1.06 0.00	36.45 0.92 0.00	37.06 1.08 0.00	39.23 1.11 0.00	50.08 1.32 0.00	61.08 2.01 0.00	64.92 1.89 0.00	52.64 1.03 0.00	49.77 0.64 0.00	48.48 0.29 0.00	46.33 0.09 0.00	46.96 -0.05 0.00	45.45 -0.14 0.00	48.18 0.10 0.00	53.01 0.32 0.00	54.61 -0.05 0.00	60.80 0.24 0.00	55.86 0.61 0.00	49.00 0.34 0.00	43.25 0.55 0.00	41.61 0.41 0.00	39.21 0.47 0.00
BLACKRVR_115KV_TB2 79977	41.60 1.29 0.00	38.28 1.19 0.00	37.73 1.06 0.00	36.45 0.92 0.00	37.03 1.04 0.00	39.23 1.11 0.00	50.08 1.32 0.00	61.07 2.01 0.00	64.92 1.89 0.00	52.64 1.03 0.00	49.77 0.64 0.00	48.48 0.29 0.00	46.29 0.05 0.00	46.96 -0.05 0.00	45.45 -0.14 0.00	48.18 0.10 0.00	53.01 0.32 0.00	54.61 -0.05 0.00	60.80 0.24 0.00	55.86 0.61 0.00	49.00 0.34 0.00	43.20 0.51 0.00	41.57 0.37 0.00	39.21 0.46 0.00
BLDWN_LI_69_KV_BK4 356085	42.46 2.14 -0.02	38.69 1.59 0.00	38.06 1.39 0.00	36.84 1.31 0.00	37.35 1.37 0.00	39.76 1.64 0.00	50.74 2.15 0.17	56.52 2.48 5.03	58.73 2.65 6.95	52.49 2.63 1.75	51.98 2.85 0.01	49.65 2.89 1.44	49.04 2.96 0.16	49.40 3.06 0.66	49.07 3.46 -0.02	51.44 3.37 0.01	56.43 3.74 0.01	58.49 3.83 0.01	65.73 5.15 -0.02	60.25 4.97 -0.02	53.06 4.38 -0.02	48.56 4.23 -1.65	45.47 4.24 -0.02	41.67 2.91 -0.02
BLISS_WT_PWR 323608	38.82 -1.49 0.00	35.46 -1.63 0.00	35.28 -1.39 0.00	33.32 -2.20 0.00	32.89 -3.10 0.00	34.27 -3.85 0.00	43.71 -5.02 0.04	53.67 -4.61 0.78	50.52 -5.04 7.47	44.68 -4.28 2.65	39.89 -4.18 5.07	37.20 -3.95 7.04	35.66 -3.93 6.65	35.30 -4.04 7.66	34.19 -5.93 5.47	36.40 -5.67 6.00	33.80 -6.54 12.36	36.05 -6.23 12.38	49.02 -7.08 4.45	43.62 -6.08 5.55	38.65 -4.87 5.14	34.10 -4.57 4.03	36.85 -4.33 0.02	34.77 -3.95 0.02
BLUESTONE___WT_PWR 323821	41.80 1.49 0.00	38.39 1.30 0.00	37.95 1.28 0.00	36.63 1.10 0.00	37.10 1.12 0.00	39.34 1.22 0.00	50.33 1.56 0.00	61.25 2.19 0.00	65.29 2.27 0.00	53.26 1.65 0.00	50.71 1.57 0.00	49.54 1.35 0.00	47.53 1.29 0.00	48.32 1.31 0.00	46.60 1.00 -0.01	49.66 1.34 -0.23	56.85 1.58 -2.58	61.95 2.30 -4.99	63.26 2.60 -0.10	58.03 2.76 -0.02	51.22 2.34 -0.23	44.06 1.19 -0.18	42.24 1.03 -0.01	39.72 0.97 -0.01
BLUE_CIRC_CHEM_DRP 24182	41.07 0.77 0.00	37.87 0.78 0.00	37.44 0.77 0.00	36.34 0.82 0.00	36.74 0.76 0.00	38.89 0.76 0.00	49.74 0.98 0.00	60.13 1.06 0.00	64.04 1.01 0.00	52.43 0.83 0.00	49.82 0.69 0.00	48.87 0.67 0.00	46.89 0.65 0.00	47.76 0.75 0.00	46.54 0.96 0.00	49.19 1.11 0.00	54.01 1.32 0.00	56.20 1.53 0.00	62.25 1.70 0.00	56.79 1.55 0.00	50.12 1.46 0.00	43.97 1.28 0.00	42.48 1.28 0.00	39.75 1.01 0.00
BOC_GAS_DRP 24189	40.83 0.52 0.00	37.61 0.52 0.00	37.18 0.51 0.00	36.06 0.53 0.00	36.49 0.50 0.00	38.62 0.50 0.00	49.45 0.68 0.00	59.83 0.77 0.00	63.85 0.82 0.00	52.33 0.72 0.00	49.77 0.64 0.00	48.87 0.67 0.00	46.94 0.69 0.00	47.81 0.80 0.00	46.50 0.91 0.00	49.09 1.01 0.00	53.85 1.16 0.00	55.92 1.26 0.00	62.01 1.45 0.00	56.57 1.33 0.00	49.92 1.27 0.00	43.80 1.11 0.00	42.27 1.07 0.00	39.56 0.81 0.00
BOONVILLE_115KV_TB1 79983	41.32 1.01 0.00	38.02 0.93 0.00	37.55 0.88 0.00	36.30 0.78 0.00	36.85 0.86 0.00	39.12 0.99 0.00	50.03 1.27 0.00	60.78 1.71 0.00	64.79 1.76 0.00	52.79 1.19 0.00	49.97 0.84 0.00	48.82 0.63 0.00	46.80 0.55 0.00	47.57 0.56 0.00	46.09 0.50 0.00	48.75 0.67 0.00	53.54 0.84 0.00	55.27 0.60 0.00	61.34 0.79 0.00	56.19 0.94 0.00	49.34 0.68 0.00	43.38 0.68 0.00	41.82 0.62 0.00	39.32 0.58 0.00
BORALEX_4TH_BRANCH 23824	41.72 1.41 0.00	38.43 1.34 0.00	37.88 1.21 0.00	36.84 1.31 0.00	37.25 1.26 0.00	39.57 1.45 0.00	50.96 2.19 0.00	61.13 2.07 0.00	65.17 2.14 0.00	53.15 1.55 0.00	50.32 1.18 0.00	49.54 1.35 0.00	47.54 1.29 0.00	48.42 1.41 0.00	47.27 1.69 0.00	50.05 1.97 0.00	55.01 2.32 0.00	57.18 2.51 0.00	63.34 2.79 0.00	57.79 2.54 0.00	50.99 2.34 0.00	44.70 2.01 0.00	43.18 1.98 0.00	40.29 1.55 0.00
BOWLINE___1 23526	42.40 2.09 0.00	38.87 1.78 0.00	38.36 1.69 0.00	37.16 1.63 0.00	37.64 1.66 0.00	39.95 1.83 0.00	51.35 2.58 0.00	62.08 3.01 0.00	66.30 3.28 0.00	54.65 3.04 0.00	52.28 3.15 0.00	51.28 3.09 0.00	49.39 3.15 0.00	50.30 3.29 0.00	48.78 3.19 0.00	51.59 3.51 0.00	56.54 3.84 0.00	58.65 3.99 0.00	65.04 4.48 0.00	59.44 4.20 0.00	52.50 3.84 0.00	45.98 3.29 0.00	44.29 3.09 0.00	41.22 2.48 0.00
BOWLINE___2 23595	42.40 2.09 0.00	38.87 1.78 0.00	38.36 1.69 0.00	37.16 1.63 0.00	37.64 1.66 0.00	39.95 1.83 0.00	51.35 2.58 0.00	62.08 3.01 0.00	66.30 3.28 0.00	54.65 3.04 0.00	52.28 3.15 0.00	51.28 3.09 0.00	49.39 3.15 0.00	50.30 3.29 0.00	48.78 3.19 0.00	51.59 3.51 0.00	56.54 3.84 0.00	58.65 3.99 0.00	65.04 4.48 0.00	59.44 4.20 0.00	52.50 3.84 0.00	45.98 3.29 0.00	44.29 3.09 0.00	41.22 2.48 0.00
BRADY___115KV_TB2 356060	41.44 1.13 0.00	38.24 1.15 0.00	37.73 1.06 0.00	36.52 0.99 0.00	37.03 1.04 0.00	39.31 1.18 0.00	50.23 1.46 0.00	60.90 1.83 0.00	64.86 1.83 0.00	52.69 1.08 0.00	50.22 1.08 0.00	49.16 0.96 0.00	46.94 0.69 0.00	47.48 0.47 0.00	45.90 0.32 0.00	48.46 0.38 0.00	53.17 0.47 0.00	55.05 0.38 0.00	60.92 0.36 0.00	55.52 0.28 0.00	48.90 0.24 0.00	43.12 0.43 0.00	41.69 0.49 0.00	39.25 0.50 0.00
BRANSCOMB___SOLAR 323811	41.60 1.29 0.00	38.32 1.22 0.00	37.84 1.17 0.00	36.73 1.21 0.00	37.14 1.15 0.00	39.42 1.30 0.00	50.43 1.66 0.00	61.01 1.95 0.00	64.86 1.83 0.00	53.05 1.44 0.00	50.27 1.13 0.00	49.25 1.06 0.00	47.31 1.06 0.00	48.14 1.13 0.00	46.91 1.32 0.00	49.66 1.58 0.00	54.59 1.89 0.00	56.91 2.24 0.00	62.98 2.42 0.00	57.40 2.15 0.00	50.75 2.09 0.00	44.44 1.75 0.00	42.97 1.77 0.00	40.18 1.43 0.00
BRDGHMPT_69_KV_BK1 55812	41.60 1.29 0.00	37.83 0.74 0.00	35.28 0.40 1.79	35.31 0.36 0.57	35.34 0.40 1.04	38.81 0.69 0.00	48.84 0.49 0.41	41.42 0.53 18.18	44.15 0.57 19.44	44.29 1.03 8.34	50.50 1.38 0.02	43.85 1.30 5.64	46.01 1.43 1.66	45.74 1.50 2.78	47.62 2.10 0.06	50.00 1.92 0.01	55.00 2.32 0.01	56.95 2.30 0.01	64.25 3.69 0.00	58.95 3.70 0.00	51.81 3.16 0.00	46.16 3.29 -0.18	44.32 3.13 0.00	40.79 2.05 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	42.52 2.22 0.00	38.69 1.59 0.00	37.97 1.47 0.17	36.86 1.39 0.05	37.33 1.44 0.10	39.80 1.68 0.00	50.22 1.80 0.35	50.85 2.30 10.52	51.01 2.40 14.41	50.33 2.43 3.70	51.82 2.70 0.01	47.60 2.51 3.10	47.65 2.59 1.18	47.48 2.54 2.06	48.44 2.92 0.06	51.25 3.17 0.01	56.32 3.64 0.01	58.38 3.72 0.01	65.76 5.21 0.00	60.27 5.03 0.00	53.03 4.38 0.00	46.83 3.88 -0.26	45.52 4.33 0.00	41.76 3.02 0.00
BRISTLHL_115KV_TB1 79998	39.58 -0.73 0.00	36.39 -0.70 0.00	35.94 -0.73 0.00	34.78 -0.75 0.00	35.27 -0.72 0.00	37.36 -0.76 0.00	47.74 -1.02 0.00	57.94 -1.12 0.00	61.89 -1.13 0.00	50.73 -0.88 0.00	48.30 -0.84 0.00	47.42 -0.77 0.00	45.50 -0.74 0.00	46.35 -0.66 0.00	44.90 -0.68 0.00	47.31 -0.77 0.00	51.85 -0.84 0.00	53.74 -0.93 0.00	59.59 -0.97 0.00	54.42 -0.83 0.00	47.83 -0.83 0.00	41.92 -0.77 0.00	40.42 -0.78 0.00	38.20 -0.54 0.00
BROOKHAVEN___DRP 24191	41.60 1.29 0.00	37.83 0.74 0.00	35.39 0.51 1.79	35.45 0.50 0.57	35.45 0.50 1.04	38.92 0.80 0.00	49.18 0.83 0.42	41.81 0.95 18.20	44.58 1.01 19.46	44.54 1.29 8.35	50.60 1.47 0.02	44.04 1.49 5.65	46.20 1.62 1.66	45.92 1.69 2.78	47.76 2.23 0.06	50.14 2.07 0.01	55.11 2.42 0.01	57.12 2.46 0.01	64.37 3.82 0.00	59.00 3.76 0.00	51.96 3.31 0.00	46.24 3.37 -0.18	44.53 3.34 0.00	40.83 2.09 0.00
BROOKLYN_NAVY_YARD 23515	42.77 2.46 0.00	39.13 2.04 0.00	38.61 1.94 0.00	37.37 1.85 0.00	37.86 1.87 0.00	40.22 2.10 0.00	51.89 3.12 0.00	62.67 3.60 0.00	66.94 3.91 0.00	55.37 3.77 0.00	52.97 3.84 0.00	51.95 3.76 0.00	50.03 3.79 0.00	50.96 3.95 0.00	49.41 3.83 0.00	52.26 4.18 0.00	57.27 4.58 0.00	59.37 4.70 0.00	65.76 5.21 0.00	60.16 4.92 0.00	53.23 4.57 0.00	46.54 3.84 0.00	44.86 3.67 0.00	41.68 2.94 0.00
BROOKLYN___ARMY_DRP 323595	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.80 2.27 -0.01	38.30 2.30 -0.01	40.69 2.55 -0.01	52.29 3.51 -0.01	62.79 3.72 0.00	66.68 3.66 0.00	55.27 3.66 0.00	52.92 3.78 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.69 4.10 0.00	52.46 4.38 0.00	57.54 4.85 0.00	59.53 4.87 0.00	65.95 5.39 0.00	60.39 5.14 0.00	53.38 4.72 0.00	46.96 4.27 0.00	45.37 4.16 -0.01	42.08 3.33 -0.01
BROOME_2_LFGE 323671	40.51 0.20 0.00	37.20 0.11 0.00	36.82 0.15 0.00	35.59 0.07 0.00	36.02 0.04 0.00	38.09 -0.04 0.00	48.72 -0.05 0.00	59.30 0.24 0.00	63.35 0.32 0.00	51.92 0.31 0.00	49.43 0.30 0.00	48.53 0.34 0.00	46.61 0.37 0.00	47.48 0.47 0.00	45.81 0.23 0.00	48.42 0.34 0.00	51.65 0.37 1.42	55.05 0.39 0.00	60.98 0.43 0.00	55.80 0.55 0.00	49.19 0.54 0.00	42.99 0.30 0.00	41.40 0.21 0.00	38.90 0.16 0.00
BROOME___LFGE 323600	40.51 0.20 0.00	37.20 0.11 0.00	36.82 0.15 0.00	35.59 0.07 0.00	36.02 0.04 0.00	38.09 -0.04 0.00	48.72 -0.05 0.00	59.30 0.24 0.00	63.35 0.32 0.00	51.92 0.31 0.00	49.43 0.30 0.00	48.53 0.34 0.00	46.61 0.37 0.00	47.48 0.47 0.00	45.81 0.23 0.00	48.42 0.34 0.00	51.65 0.37 1.42	55.05 0.39 0.00	60.98 0.43 0.00	55.80 0.55 0.00	49.19 0.54 0.00	42.99 0.30 0.00	41.40 0.21 0.00	38.90 0.16 0.00
BROWNFLS_115KV_TB_3_5 80003	41.40 1.09 0.00	38.17 1.08 0.00	37.62 0.95 0.00	36.38 0.85 0.00	36.96 0.97 0.00	39.19 1.07 0.00	49.99 1.22 0.00	60.72 1.65 0.00	64.67 1.64 0.00	52.54 0.93 0.00	49.87 0.74 0.00	48.67 0.48 0.00	46.52 0.28 0.00	47.10 0.09 0.00	45.54 -0.05 0.00	48.18 0.10 0.00	52.74 0.05 0.00	54.17 -0.49 0.00	60.07 -0.48 0.00	54.97 -0.28 0.00	48.32 -0.34 0.00	42.82 0.13 0.00	41.40 0.21 0.00	38.97 0.23 0.00
BROWNSV1_27_KV_LOAD 356125	43.09 2.78 0.00	39.43 2.34 0.00	38.87 2.20 0.00	37.65 2.13 0.00	38.14 2.16 0.00	40.53 2.40 0.00	52.18 3.41 0.00	63.14 4.08 0.00	67.38 4.35 0.00	55.73 4.13 0.00	53.26 4.13 0.00	52.34 4.14 0.00	50.40 4.16 0.00	51.33 4.32 0.00	49.92 4.33 0.00	52.65 4.57 0.00	57.70 5.01 0.00	59.81 5.14 0.00	66.31 5.75 0.00	60.66 5.41 0.00	53.62 4.96 0.00	46.96 4.27 0.00	45.28 4.08 0.00	41.96 3.22 0.00
BURROWS___LYONSDAL 23803	41.36 1.05 0.00	38.06 0.96 0.00	37.55 0.88 0.00	36.34 0.82 0.00	36.89 0.90 0.00	39.12 0.99 0.00	50.03 1.27 0.00	60.84 1.77 0.00	64.79 1.76 0.00	52.74 1.14 0.00	49.82 0.69 0.00	48.63 0.43 0.00	46.57 0.32 0.00	47.34 0.33 0.00	45.86 0.27 0.00	48.51 0.43 0.00	53.27 0.58 0.00	54.99 0.33 0.00	61.04 0.48 0.00	55.91 0.66 0.00	49.09 0.44 0.00	43.20 0.51 0.00	41.65 0.45 0.00	39.17 0.43 0.00
CAITHNESS_CC_1 323624	41.59 1.29 0.00	37.87 0.78 0.00	35.42 0.55 1.80	35.44 0.50 0.58	35.48 0.54 1.05	38.92 0.80 0.00	49.23 0.88 0.42	41.74 0.89 18.21	44.56 1.01 19.48	44.54 1.29 8.36	50.74 1.62 0.02	44.08 1.54 5.65	46.19 1.62 1.67	45.97 1.74 2.78	47.57 2.05 0.06	50.19 2.11 0.01	55.11 2.43 0.01	57.12 2.46 0.01	64.00 3.45 0.00	58.78 3.54 0.00	51.72 3.07 0.00	46.16 3.29 -0.18	44.28 3.09 0.00	40.87 2.13 0.00
CALPINE BETH_PAGE_GT4 24209	42.37 2.06 0.00	38.58 1.48 0.00	37.99 1.32 0.00	36.77 1.24 0.00	37.28 1.30 0.00	39.69 1.56 0.00	50.52 2.00 0.25	54.05 2.36 7.38	55.29 2.46 10.20	51.57 2.53 2.56	51.88 2.75 0.01	48.78 2.75 2.16	48.38 2.82 0.69	48.58 2.91 1.34	48.89 3.33 0.02	51.29 3.22 0.01	56.27 3.58 0.01	58.32 3.66 0.01	65.47 4.91 -0.01	60.06 4.81 -0.01	52.90 4.23 -0.01	47.64 4.14 -0.81	45.41 4.20 -0.01	41.65 2.91 -0.01
CALPINE_BETH_PAGE_GT_4 323586	42.37 2.05 0.00	38.58 1.49 0.00	37.98 1.32 0.01	36.76 1.24 0.01	37.27 1.29 0.01	39.69 1.56 0.00	50.56 2.05 0.25	54.06 2.37 7.38	55.36 2.52 10.20	51.57 2.53 2.56	51.92 2.80 0.01	48.78 2.75 2.16	48.33 2.77 0.69	48.63 2.96 1.34	48.66 3.10 0.02	51.30 3.22 0.01	56.16 3.48 0.01	58.27 3.61 0.01	65.16 4.60 -0.01	59.79 4.53 -0.01	52.65 3.99 -0.01	47.56 4.06 -0.81	45.12 3.92 -0.01	41.66 2.91 -0.01
CALPINE_BP_GT1 23823	42.37 2.05 0.00	38.58 1.49 0.00	37.98 1.32 0.01	36.76 1.24 0.01	37.27 1.29 0.01	39.69 1.56 0.00	50.56 2.05 0.25	54.06 2.37 7.38	55.36 2.52 10.20	51.57 2.53 2.56	51.92 2.80 0.01	48.78 2.75 2.16	48.33 2.77 0.69	48.63 2.96 1.34	48.66 3.10 0.02	51.30 3.22 0.01	56.16 3.48 0.01	58.27 3.61 0.01	65.16 4.60 -0.01	59.79 4.53 -0.01	52.65 3.99 -0.01	47.56 4.06 -0.81	45.12 3.92 -0.01	41.66 2.91 -0.01
CALSPAN___DRP 24200	38.58 -1.73 0.00	35.50 -1.59 0.00	35.28 -1.39 0.00	33.89 -1.63 0.00	33.79 -2.20 0.00	35.19 -2.94 0.00	44.34 -4.39 0.04	53.67 -4.49 0.91	49.76 -4.60 8.67	44.97 -3.56 3.07	39.91 -3.34 5.89	36.79 -3.23 8.17	35.65 -2.87 7.72	35.34 -2.77 8.89	33.46 -3.74 8.39	34.98 -4.09 9.01	33.08 -4.85 14.76	35.42 -4.76 14.49	48.60 -5.21 6.75	42.24 -3.98 9.03	36.95 -3.50 8.21	33.19 -3.07 6.42	38.21 -2.97 0.02	36.05 -2.67 0.02

CALVERTON___SOLAR 323806	41.56 1.25 0.00	37.83 -0.74 0.00	35.35 0.48 1.80	35.40 0.46 0.58	35.41 0.47 1.05	38.88 0.76 0.00	49.18 0.83 0.42	41.87 0.83 18.03	44.55 0.95 19.43	44.62 1.24 8.22	50.69 1.57 0.02	44.05 1.44 5.59	46.10 1.52 1.66	45.92 1.69 2.78	47.53 2.00 0.06	50.14 2.07 0.01	55.06 2.37 0.01	57.12 2.46 0.01	64.00 3.45 0.00	58.78 3.54 0.00	51.72 3.07 0.00	46.16 3.29 -0.18	44.24 3.05 0.00	40.83 2.09 0.00
CANDIGU_WT_PWR 323617	39.14 -1.17 0.00	35.90 -1.19 0.00	35.57 -1.10 0.00	34.07 -1.46 0.00	34.04 -1.94 0.00	35.65 -2.48 0.00	44.86 -3.71 0.20	50.86 -3.84 4.37	17.29 -4.04 41.70	33.32 -3.51 14.78	17.37 -3.44 28.33	5.54 -3.32 39.33	5.94 -3.15 37.15	1.16 -3.05 42.80	-6.00 -3.60 47.98	-6.00 -3.46 50.62	-12.86 -3.74 61.81	-6.00 -3.72 56.95	18.17 -4.12 38.27	-6.00 -3.65 57.60	-6.00 -3.12 51.54	-0.77 -3.11 40.35	37.99 -3.17 0.03	35.92 -2.79 0.03
CARR STREET_E_SYR 24060	39.78 -0.53 0.00	36.57 -0.52 0.00	36.12 -0.55 0.00	34.95 -0.57 0.00	35.45 -0.54 0.00	37.55 -0.57 0.00	48.04 -0.73 0.00	58.24 -0.83 0.00	62.28 -0.75 0.00	51.04 -0.57 0.00	48.64 -0.49 0.00	47.76 -0.43 0.00	45.82 -0.42 0.00	46.68 -0.33 0.00	45.27 -0.32 0.00	47.65 -0.43 0.00	52.17 -0.53 0.00	54.07 -0.60 0.00	59.89 -0.66 0.00	54.75 -0.50 0.00	48.12 -0.53 0.00	42.18 -0.51 0.00	40.66 -0.54 0.00	38.39 -0.35 0.00
CARTHAGE___PAPER 23857	41.56 1.25 0.00	38.24 1.15 0.00	37.69 1.03 0.00	36.45 0.92 0.00	37.03 1.04 0.00	39.23 1.11 0.00	50.13 1.36 0.00	61.08 2.01 0.00	64.86 1.83 0.00	52.64 1.03 0.00	49.68 0.54 0.00	48.39 0.19 0.00	46.20 -0.05 0.00	46.87 -0.14 0.00	45.36 -0.23 0.00	48.03 -0.05 0.00	52.85 0.16 0.00	54.50 -0.16 0.00	60.62 0.06 0.00	55.58 0.33 0.00	48.80 0.15 0.00	43.08 0.38 0.00	41.49 0.29 0.00	39.05 0.31 0.00
CASSADAGA_WT_PWR 323784	38.82 -1.49 0.00	35.39 -1.71 0.00	35.02 -1.65 0.00	33.43 -2.10 0.00	33.29 -2.70 0.00	34.73 -3.39 0.00	44.10 -4.63 0.03	53.39 -4.90 0.77	50.18 -5.48 7.37	44.35 -4.64 2.61	39.61 -4.52 5.01	36.71 -4.53 6.95	35.42 -4.25 6.56	35.17 -4.28 7.56	34.72 -5.43 5.44	36.48 -5.63 5.97	33.97 -6.48 12.24	36.12 -6.34 12.21	49.22 -6.90 4.43	44.02 -5.75 5.48	38.70 -4.87 5.09	34.26 -4.44 3.99	37.02 -4.16 0.02	35.08 -3.64 0.02
CE_DUNWOOD___DRP 24194	42.53 2.22 0.00	38.95 1.85 0.00	38.47 1.80 0.00	37.23 1.71 0.00	37.71 1.73 0.00	40.03 1.91 0.00	51.50 2.73 0.00	62.31 3.25 0.00	66.50 3.47 0.00	54.86 3.25 0.00	52.43 3.29 0.00	51.52 3.33 0.00	49.62 3.38 0.00	50.53 3.53 0.00	49.10 3.51 0.00	51.78 3.70 0.00	56.80 4.11 0.00	58.88 4.21 0.00	65.34 4.78 0.00	59.72 4.48 0.00	52.74 4.09 0.00	46.24 3.54 0.00	44.58 3.38 0.00	41.38 2.63 0.00
CE_MILLWOOD___DRP 24193	42.49 2.18 0.00	38.91 1.82 0.00	38.43 1.76 0.00	37.19 1.67 0.00	37.68 1.69 0.00	39.99 1.87 0.00	51.40 2.63 0.00	62.20 3.13 0.00	66.37 3.34 0.00	54.75 3.15 0.00	52.33 3.19 0.00	51.42 3.23 0.00	49.53 3.28 0.00	50.44 3.43 0.00	49.00 3.42 0.00	51.73 3.65 0.00	56.70 4.00 0.00	58.77 4.10 0.00	65.22 4.66 0.00	59.61 4.36 0.00	52.65 3.99 0.00	46.15 3.46 0.00	44.49 3.30 0.00	41.30 2.56 0.00
CE_NYC2_DRP 24202	43.02 2.70 -0.01	39.36 2.26 -0.01	38.84 2.16 -0.01	37.63 2.10 -0.01	38.12 2.12 -0.01	40.46 2.33 -0.01	52.03 3.27 0.00	62.55 3.48 0.00	66.62 3.59 0.00	55.22 3.61 0.00	52.82 3.69 0.00	52.00 3.81 0.00	50.08 3.84 0.00	50.96 3.95 0.00	49.55 3.97 0.00	52.31 4.23 0.00	57.33 4.64 0.00	59.31 4.65 0.00	65.64 5.09 0.00	60.11 4.86 0.00	53.13 4.48 0.00	46.71 4.01 0.00	45.12 3.91 -0.01	41.85 3.10 -0.01
CE_NYC_DRP 24195	42.85 2.54 0.00	39.21 2.11 0.00	38.69 2.02 0.00	37.44 1.92 0.00	37.97 1.98 0.00	40.34 2.21 0.00	51.94 3.17 0.00	62.79 3.72 0.00	67.06 4.03 0.00	55.42 3.82 0.00	52.97 3.83 0.00	52.10 3.90 0.00	50.13 3.88 0.00	51.05 4.04 0.00	49.64 4.06 0.00	52.36 4.28 0.00	57.38 4.69 0.00	59.42 4.76 0.00	65.95 5.39 0.00	60.28 5.03 0.00	53.28 4.62 0.00	46.66 3.97 0.00	44.99 3.79 0.00	41.72 2.98 0.00
CHAFFEE___LFGE 323603	38.62 -1.69 0.00	35.54 -1.56 0.00	35.31 -1.36 0.00	33.93 -1.60 0.00	33.86 -2.12 0.00	35.30 -2.82 0.00	44.58 -4.15 0.04	54.20 -4.02 0.85	50.74 -4.22 8.07	45.44 -3.30 2.86	40.61 -3.05 5.48	37.69 -2.89 7.61	36.46 -2.59 7.19	36.23 -2.49 8.28	35.16 -3.51 6.91	36.74 -3.85 7.49	34.40 -4.58 13.71	36.81 -4.43 13.43	50.12 -4.85 5.59	44.22 -3.76 7.27	38.79 -3.21 6.65	34.45 -3.03 5.21	38.17 -3.01 0.02	36.05 -2.67 0.02
CHATEAUG_35_KV_LOAD 355732	40.35 0.04 0.00	37.24 0.15 0.00	36.78 0.11 0.00	35.63 0.11 0.00	36.13 0.14 0.00	38.43 0.30 0.00	49.35 0.59 0.00	59.72 0.65 0.00	63.79 0.76 0.00	51.92 0.31 0.00	49.43 0.29 0.00	48.19 0.00 0.00	45.92 -0.32 0.00	46.30 -0.71 0.00	44.67 -0.91 0.00	47.07 -1.01 0.00	51.43 -1.26 0.00	53.35 -1.31 0.00	58.86 -1.70 0.00	53.37 -1.88 0.00	47.10 -1.56 0.00	41.50 -1.20 0.00	40.09 -1.11 0.00	37.70 -1.05 0.00
CHATEAUG_WT_PWR 323614	40.27 -0.04 0.00	37.17 0.07 0.00	36.71 0.04 0.00	35.56 0.04 0.00	36.06 0.07 0.00	38.35 0.23 0.00	49.01 0.25 0.00	59.48 0.42 0.00	63.60 0.57 0.00	51.87 0.26 0.00	49.23 0.10 0.00	48.24 0.05 0.00	45.97 -0.28 0.00	46.40 -0.61 0.00	44.72 -0.87 0.00	47.12 -0.96 0.00	51.43 -1.27 0.00	53.30 -1.36 0.00	58.80 -1.76 0.00	53.31 -1.94 0.00	47.05 -1.60 0.00	41.50 -1.20 0.00	40.09 -1.11 0.00	37.70 -1.04 0.00
CHAT_HIGH_FALL_HYD 323578	40.35 0.04 0.00	37.24 0.15 0.00	36.78 0.11 0.00	35.63 0.11 0.00	36.13 0.14 0.00	38.43 0.30 0.00	49.35 0.59 0.00	59.72 0.65 0.00	63.79 0.76 0.00	51.92 0.31 0.00	49.43 0.29 0.00	48.19 0.00 0.00	45.92 -0.32 0.00	46.30 -0.71 0.00	44.67 -0.91 0.00	47.07 -1.01 0.00	51.43 -1.26 0.00	53.35 -1.31 0.00	58.86 -1.70 0.00	53.37 -1.88 0.00	47.10 -1.56 0.00	41.50 -1.20 0.00	40.09 -1.11 0.00	37.70 -1.05 0.00
CHAUTAUQUA___LFGE 323629	38.78 -1.53 0.00	35.57 -1.52 0.00	35.31 -1.36 0.00	33.85 -1.67 0.00	33.75 -2.23 0.00	35.19 -2.93 0.00	44.44 -4.29 0.04	53.84 -4.43 0.80	50.63 -4.79 7.61	44.94 -3.97 2.70	40.19 -3.78 5.17	37.35 -3.66 7.17	36.14 -3.33 6.78	35.91 -3.29 7.81	34.90 -4.15 6.54	36.36 -4.62 7.11	34.08 -5.38 13.24	36.57 -5.14 12.96	49.69 -5.57 5.30	44.04 -4.42 6.79	38.57 -3.84 6.24	34.26 -3.54 4.89	37.80 -3.38 0.02	35.86 -2.87 0.02
CHERRYST_13_KV_LD 356241	42.93 2.62 0.00	39.28 2.19 0.00	38.76 2.09 0.00	37.55 2.02 0.00	38.04 2.05 0.00	40.41 2.29 0.00	52.03 3.27 0.00	62.96 3.90 0.00	67.25 4.22 0.00	55.58 3.97 0.00	53.12 3.98 0.00	52.24 4.05 0.00	50.31 4.07 0.00	51.24 4.23 0.00	49.78 4.19 0.00	52.50 4.42 0.00	57.54 4.85 0.00	59.64 4.97 0.00	66.07 5.51 0.00	60.44 5.19 0.00	53.38 4.72 0.00	46.79 4.10 0.00	45.11 3.91 0.00	41.80 3.06 0.00

CHESTROR_138KV_BK263 355645	42.28 1.98 0.00	38.76 1.67 0.00	38.28 1.61 0.00	37.05 1.53 0.00	37.53 1.55 0.00	39.84 1.72 0.00	51.16 2.39 0.00	61.90 2.84 0.00	66.05 3.03 0.00	54.34 2.74 0.00	51.89 2.75 0.00	50.99 2.80 0.00	49.11 2.87 0.00	49.97 2.96 0.00	48.59 3.01 0.00	51.25 3.17 0.00	56.22 3.53 0.00	58.33 3.66 0.00	64.73 4.18 0.00	59.12 3.87 0.00	52.21 3.55 0.00	45.81 3.12 0.00	44.16 2.97 0.00	41.07 2.32 0.00
CH_MIDHUDSON___DRP 24192	42.28 1.98 0.00	38.76 1.67 0.00	38.32 1.65 0.00	37.09 1.56 0.00	37.57 1.58 0.00	39.84 1.72 0.00	51.16 2.39 0.00	61.96 2.89 0.00	66.05 3.03 0.00	54.34 2.74 0.00	51.89 2.75 0.00	50.99 2.80 0.00	49.11 2.87 0.00	50.02 3.01 0.00	48.59 3.01 0.00	51.30 3.22 0.00	56.28 3.58 0.00	58.38 3.72 0.00	64.79 4.24 0.00	59.17 3.92 0.00	52.26 3.60 0.00	45.85 3.16 0.00	44.21 3.01 0.00	41.07 2.32 0.00
CH_MISC_IPPS 23765	42.52 2.22 0.00	39.02 1.93 0.00	38.54 1.87 0.00	37.30 1.78 0.00	37.78 1.80 0.00	40.03 1.91 0.00	51.45 2.68 0.00	62.25 3.19 0.00	66.49 3.46 0.00	54.65 3.04 0.00	52.23 3.10 0.00	51.23 3.04 0.00	49.39 3.15 0.00	50.30 3.29 0.00	48.73 3.14 0.00	51.59 3.51 0.00	56.54 3.84 0.00	58.77 4.10 0.00	65.16 4.60 0.00	59.50 4.25 0.00	52.60 3.94 0.00	46.02 3.33 0.00	44.37 3.17 0.00	41.30 2.56 0.00
CH_RES_BVR_FALLS 23983	39.98 -0.32 0.00	36.91 -0.18 0.00	36.60 -0.07 0.00	35.45 -0.07 0.00	35.95 -0.04 0.00	38.09 -0.04 0.00	48.62 -0.15 0.00	58.77 -0.29 0.00	62.46 -0.57 0.00	50.93 -0.67 0.00	48.40 -0.74 0.00	47.37 -0.82 0.00	45.32 -0.92 0.00	45.97 -1.03 0.00	44.54 -1.05 0.00	47.02 -1.06 0.00	51.53 -1.16 0.00	53.46 -1.20 0.00	59.17 -1.39 0.00	53.87 -1.38 0.00	47.44 -1.21 0.00	41.67 -1.03 0.00	40.17 -1.03 0.00	37.73 -1.01 0.00
CH_RES_NIAGARA 23895	37.57 -2.74 0.00	34.64 -2.45 0.00	34.51 -2.16 0.00	33.21 -2.31 0.00	33.14 -2.84 0.00	34.50 -3.62 0.00	42.44 -6.29 0.03	52.08 -6.26 0.73	49.70 -6.37 6.96	44.24 -4.90 2.47	39.79 -4.62 4.73	37.15 -4.48 6.57	36.02 -4.02 6.20	35.92 -3.95 7.14	34.23 -4.47 6.89	35.34 -5.29 7.45	33.73 -6.27 12.69	36.14 -6.18 12.35	48.32 -6.66 5.57	43.35 -4.81 7.09	37.46 -4.67 6.53	33.57 -4.01 5.11	36.77 -4.41 0.02	35.32 -3.41 0.02
CH_RES_SYRACUSE 23985	40.03 -0.28 0.00	36.79 -0.30 0.00	36.34 -0.33 0.00	35.17 -0.36 0.00	35.66 -0.32 0.00	37.78 -0.34 0.00	48.37 -0.39 0.00	58.66 -0.41 0.00	62.65 -0.38 0.00	51.40 -0.21 0.00	48.99 -0.15 0.00	48.05 -0.14 0.00	46.15 -0.09 0.00	47.01 0.00 0.00	45.54 -0.05 0.00	47.94 -0.14 0.00	52.53 -0.16 0.00	54.39 -0.27 0.00	60.25 -0.30 0.00	55.08 -0.17 0.00	48.41 -0.24 0.00	42.48 -0.21 0.00	40.91 -0.29 0.00	38.63 -0.12 0.00
CLINTON_WT_PWR 323605	40.27 -0.04 0.00	37.17 0.07 0.00	36.71 0.04 0.00	35.56 0.04 0.00	36.06 0.07 0.00	38.35 0.23 0.00	49.01 0.25 0.00	59.48 0.42 0.00	63.60 0.57 0.00	51.87 0.26 0.00	49.23 0.10 0.00	48.24 0.05 0.00	45.97 -0.28 0.00	46.40 -0.61 0.00	44.72 -0.87 0.00	47.12 -0.96 0.00	51.43 -1.27 0.00	53.30 -1.36 0.00	58.80 -1.76 0.00	53.31 -1.94 0.00	47.05 -1.60 0.00	41.50 -1.20 0.00	40.09 -1.11 0.00	37.70 -1.04 0.00
CLINTON___LFGE 323618	40.63 0.32 0.00	37.50 0.41 0.00	37.04 0.37 0.00	35.84 0.32 0.00	36.38 0.40 0.00	38.70 0.57 0.00	49.45 0.68 0.00	60.01 0.94 0.00	64.22 1.19 0.00	52.28 0.67 0.00	49.58 0.44 0.00	48.67 0.48 0.00	46.33 0.09 0.00	46.68 -0.33 0.00	44.99 -0.59 0.00	47.41 -0.67 0.00	51.64 -1.05 0.00	53.63 -1.04 0.00	59.17 -1.39 0.00	53.53 -1.71 0.00	47.39 -1.27 0.00	41.88 -0.81 0.00	40.46 -0.74 0.00	38.05 -0.70 0.00
COBBLENY_34_KV_TB1 80064	38.62 -1.69 0.00	35.53 -1.56 0.00	35.31 -1.36 0.00	33.92 -1.60 0.00	33.86 -2.12 0.00	35.26 -2.86 0.00	44.58 -4.15 0.04	54.08 -4.13 0.85	50.74 -4.22 8.07	45.55 -3.20 2.86	40.61 -3.05 5.48	37.64 -2.94 7.61	36.46 -2.59 7.19	36.23 -2.49 8.28	35.12 -3.56 6.91	36.74 -3.85 7.49	34.85 -4.58 13.26	36.81 -4.43 13.43	50.00 -4.97 5.59	44.16 -3.81 7.27	38.73 -3.26 6.67	34.57 -2.90 5.22	38.38 -2.80 0.02	36.05 -2.67 0.02
COFFEEN___115KV_TB3 355620	41.80 1.49 0.00	38.43 1.34 0.00	37.88 1.21 0.00	36.59 1.07 0.00	37.17 1.19 0.00	39.38 1.26 0.00	50.28 1.51 0.00	61.37 2.30 0.00	65.17 2.14 0.00	52.79 1.19 0.00	49.92 0.79 0.00	48.63 0.43 0.00	46.43 0.18 0.00	47.10 0.09 0.00	45.49 -0.09 0.00	48.27 0.19 0.00	53.22 0.53 0.00	54.83 0.16 0.00	61.10 0.54 0.00	56.19 0.94 0.00	49.24 0.58 0.00	43.42 0.73 0.00	41.77 0.58 0.00	39.36 0.62 0.00
COLDSPRG_115KV_BK1 355956	39.14 -1.17 0.00	35.87 -1.22 0.00	35.57 -1.10 0.00	34.07 -1.46 0.00	34.01 -1.98 0.00	35.42 -2.71 0.00	45.66 -3.07 0.03	55.67 -2.66 0.73	53.20 -2.84 6.99	46.86 -2.27 2.48	42.08 -2.31 4.75	39.33 -2.27 6.59	37.98 -2.03 6.23	37.91 -1.93 7.18	38.37 -3.51 3.70	40.49 -3.41 4.18	38.81 -4.00 9.88	39.76 -3.88 11.03	53.08 -4.42 3.06	48.13 -3.70 3.41	42.59 -2.77 3.29	37.59 -2.52 2.58	38.79 -2.39 0.02	35.89 -2.83 0.02
COLONIE_LFGE___ 323577	41.35 1.05 0.00	38.06 0.96 0.00	37.59 0.92 0.00	36.48 0.96 0.00	36.92 0.93 0.00	39.15 1.03 0.00	50.23 1.46 0.00	60.60 1.53 0.00	64.54 1.51 0.00	52.79 1.19 0.00	50.17 1.03 0.00	49.21 1.01 0.00	47.21 0.97 0.00	48.09 1.08 0.00	46.77 1.18 0.00	49.52 1.44 0.00	54.38 1.69 0.00	56.58 1.91 0.00	62.67 2.12 0.00	57.13 1.88 0.00	50.46 1.80 0.00	44.19 1.49 0.00	42.68 1.48 0.00	39.94 1.20 0.00
COOPERNY_115KV_TB1 80082	41.84 1.53 0.00	38.39 1.30 0.00	37.95 1.28 0.00	36.73 1.21 0.00	37.21 1.22 0.00	39.46 1.33 0.00	50.62 1.85 0.00	61.31 2.24 0.00	65.42 2.40 0.00	53.77 2.17 0.00	51.30 2.16 0.00	50.36 2.17 0.00	48.46 2.22 0.00	49.36 2.35 0.00	47.91 2.32 0.00	50.58 2.50 0.00	55.48 2.79 0.00	57.51 2.84 0.00	63.83 3.27 0.00	58.29 3.04 0.00	51.43 2.77 0.00	45.13 2.43 0.00	43.50 2.31 0.00	40.56 1.82 0.00
COPENHAGEN_WT_PWR 323753	41.40 1.09 0.00	38.09 1.00 0.00	37.55 0.88 0.00	36.27 0.75 0.00	36.89 0.90 0.00	39.04 0.91 0.00	49.84 1.07 0.00	60.78 1.71 0.00	64.61 1.58 0.00	52.43 0.82 0.00	49.63 0.49 0.00	48.39 0.19 0.00	46.24 0.00 0.00	46.91 -0.09 0.00	45.40 -0.18 0.00	48.08 0.00 0.00	52.90 0.21 0.00	54.50 -0.16 0.00	60.68 0.12 0.00	55.69 0.44 0.00	48.90 0.24 0.00	43.12 0.43 0.00	41.49 0.29 0.00	39.09 0.35 0.00
CORNELL_____ 23752	40.91 0.60 0.00	37.58 0.48 0.00	37.15 0.48 0.00	35.91 0.39 0.00	36.35 0.36 0.00	38.54 0.42 0.00	49.36 0.59 -0.01	60.30 0.95 -0.29	66.90 1.07 -2.80	53.37 0.77 -0.99	51.63 0.59 -1.90	51.36 0.53 -2.64	49.29 0.55 -2.49	50.54 0.66 -2.87	48.77 0.50 -2.68	52.79 0.63 -4.09	76.51 0.84 -22.98	87.49 0.93 -31.89	64.31 1.09 -2.66	59.93 1.22 -3.46	53.93 0.97 -4.30	46.79 0.73 -3.38	41.88 0.62 -0.07	39.43 0.62 -0.07

CORONA__69_KV_TB1 355595	42.52 2.18 -0.04	38.76 1.67 0.00	38.17 1.50 0.00	36.94 1.42 0.00	37.46 1.48 0.00	39.88 1.75 0.00	51.07 2.34 0.04	60.72 2.66 1.00	64.48 2.84 1.38	54.09 2.84 0.35	52.18 3.05 0.01	51.06 3.08 0.22	50.06 3.14 -0.67	50.69 3.24 -0.44	49.28 3.60 -0.10	51.58 3.51 0.01	56.53 3.85 0.01	58.60 3.94 0.01	65.81 5.21 -0.05	60.33 5.03 -0.05	53.13 4.43 -0.05	49.95 4.27 -2.99	45.45 4.20 -0.05	41.74 2.94 -0.05
CORTLAND__115KV_TB3 80093	40.67 0.36 0.00	37.39 0.30 0.00	36.96 0.29 0.00	35.74 0.21 0.00	36.20 0.22 0.00	38.39 0.27 0.00	49.16 0.39 0.00	59.82 0.65 -0.10	64.74 0.76 -0.96	52.51 0.57 -0.34	50.28 0.49 -0.65	49.58 0.48 -0.90	47.60 0.51 -0.85	48.60 0.61 -0.98	46.11 0.50 -0.02	49.07 0.58 -0.41	58.86 0.68 -5.48	64.13 0.66 -8.80	61.52 0.79 -0.18	56.16 0.88 -0.03	49.78 0.73 -0.39	43.56 0.55 -0.31	41.67 0.45 -0.02	39.19 0.43 -0.02
COXSACKIE__GT 23611	41.80 1.49 0.00	38.61 1.52 0.00	38.21 1.54 0.00	37.02 1.49 0.00	37.43 1.44 0.00	39.54 1.41 0.00	50.67 1.90 0.00	61.49 2.42 0.00	65.05 2.02 0.00	52.64 1.03 0.00	49.82 0.69 0.00	48.72 0.53 0.00	46.80 0.56 0.00	47.71 0.71 0.00	46.45 0.86 0.00	49.28 1.20 0.00	54.54 1.84 0.00	57.29 2.62 0.00	63.64 3.09 0.00	57.85 2.60 0.00	51.09 2.43 0.00	44.70 2.01 0.00	43.22 2.02 0.00	40.37 1.63 0.00
CPV_VALLEY__CC1 323721	42.28 1.97 0.00	38.76 1.67 0.00	38.28 1.61 0.00	37.05 1.53 0.00	37.53 1.55 0.00	39.80 1.68 0.00	51.16 2.39 0.00	61.90 2.84 0.00	66.05 3.03 0.00	54.44 2.84 0.00	52.03 2.90 0.00	51.04 2.84 0.00	49.16 2.92 0.00	50.06 3.05 0.00	48.51 2.92 0.00	51.35 3.27 0.00	56.28 3.58 0.00	58.39 3.72 0.00	64.73 4.18 0.00	59.17 3.92 0.00	52.26 3.60 0.00	45.77 3.08 0.00	44.12 2.93 0.00	41.07 2.32 0.00
CPV_VALLEY__CC2 323722	42.28 1.97 0.00	38.76 1.67 0.00	38.28 1.61 0.00	37.05 1.53 0.00	37.53 1.55 0.00	39.80 1.68 0.00	51.16 2.39 0.00	61.90 2.84 0.00	66.05 3.03 0.00	54.44 2.84 0.00	52.03 2.90 0.00	51.04 2.84 0.00	49.16 2.92 0.00	50.06 3.05 0.00	48.51 2.92 0.00	51.35 3.27 0.00	56.28 3.58 0.00	58.39 3.72 0.00	64.73 4.18 0.00	59.17 3.92 0.00	52.26 3.60 0.00	45.77 3.08 0.00	44.12 2.93 0.00	41.07 2.32 0.00
CRESCENT__HYD 24018	41.35 1.05 0.00	38.06 0.96 0.00	37.59 0.92 0.00	36.48 0.96 0.00	36.92 0.93 0.00	39.15 1.03 0.00	50.23 1.46 0.00	60.60 1.53 0.00	64.54 1.51 0.00	52.79 1.19 0.00	50.17 1.03 0.00	49.21 1.01 0.00	47.21 0.97 0.00	48.09 1.08 0.00	46.77 1.18 0.00	49.52 1.44 0.00	54.38 1.69 0.00	56.58 1.91 0.00	62.67 2.12 0.00	57.13 1.88 0.00	50.46 1.80 0.00	44.19 1.49 0.00	42.68 1.48 0.00	39.94 1.20 0.00
CRICKET__VALLEY_CC1 323756	41.96 1.65 0.00	38.47 1.37 0.00	37.99 1.32 0.00	36.80 1.28 0.00	37.28 1.29 0.00	39.54 1.41 0.00	50.81 2.05 0.00	61.37 2.30 0.00	65.55 2.52 0.00	54.03 2.43 0.00	51.64 2.50 0.00	50.70 2.50 0.00	48.78 2.54 0.00	49.69 2.68 0.00	48.18 2.60 0.00	50.96 2.88 0.00	55.85 3.16 0.00	57.95 3.28 0.00	64.19 3.63 0.00	58.67 3.43 0.00	51.87 3.21 0.00	45.43 2.73 0.00	43.84 2.64 0.00	40.79 2.05 0.00
CRICKET__VALLEY_CC2 323757	41.96 1.65 0.00	38.47 1.37 0.00	37.99 1.32 0.00	36.80 1.28 0.00	37.28 1.29 0.00	39.54 1.41 0.00	50.81 2.05 0.00	61.37 2.30 0.00	65.55 2.52 0.00	54.03 2.43 0.00	51.64 2.50 0.00	50.70 2.50 0.00	48.78 2.54 0.00	49.69 2.68 0.00	48.18 2.60 0.00	50.96 2.88 0.00	55.85 3.16 0.00	57.95 3.28 0.00	64.19 3.63 0.00	58.67 3.43 0.00	51.87 3.21 0.00	45.43 2.73 0.00	43.84 2.64 0.00	40.79 2.05 0.00
CRICKET__VALLEY_CC3 323758	41.96 1.65 0.00	38.47 1.37 0.00	37.99 1.32 0.00	36.80 1.28 0.00	37.28 1.29 0.00	39.54 1.41 0.00	50.81 2.05 0.00	61.37 2.30 0.00	65.55 2.52 0.00	54.03 2.43 0.00	51.64 2.50 0.00	50.70 2.50 0.00	48.78 2.54 0.00	49.69 2.68 0.00	48.18 2.60 0.00	50.96 2.88 0.00	55.85 3.16 0.00	57.95 3.28 0.00	64.19 3.63 0.00	58.67 3.43 0.00	51.87 3.21 0.00	45.43 2.73 0.00	43.84 2.64 0.00	40.79 2.05 0.00
CRUCIBLE__METL_DRP 24180	40.03 -0.28 0.00	36.80 -0.30 0.00	36.34 -0.33 0.00	35.17 -0.36 0.00	35.66 -0.32 0.00	37.78 -0.34 0.00	48.33 -0.44 0.00	58.65 -0.41 0.00	62.65 -0.38 0.00	51.40 -0.21 0.00	48.99 -0.15 0.00	48.05 -0.14 0.00	46.15 -0.09 0.00	47.01 0.00 0.00	45.49 -0.09 0.00	47.94 -0.14 0.00	52.53 -0.16 0.00	54.39 -0.27 0.00	60.25 -0.30 0.00	55.08 -0.17 0.00	48.41 -0.24 0.00	42.44 -0.26 0.00	40.91 -0.29 0.00	38.63 -0.12 0.00
DAHOWA__HYDRO 323763	41.68 1.37 0.00	38.35 1.26 0.00	37.88 1.21 0.00	36.77 1.24 0.00	37.17 1.19 0.00	39.49 1.37 0.00	50.47 1.71 0.00	61.08 2.01 0.00	64.92 1.89 0.00	53.10 1.50 0.00	50.31 1.18 0.00	49.30 1.11 0.00	47.31 1.06 0.00	48.18 1.18 0.00	46.91 1.32 0.00	49.66 1.58 0.00	54.59 1.89 0.00	56.96 2.30 0.00	63.04 2.48 0.00	57.46 2.21 0.00	50.79 2.14 0.00	44.48 1.79 0.00	43.01 1.81 0.00	40.21 1.47 0.00
DANC__LFGE 323619	40.71 0.40 0.00	37.43 0.33 0.00	36.93 0.26 0.00	35.70 0.18 0.00	36.24 0.25 0.00	38.39 0.27 0.00	49.01 0.25 0.00	59.66 0.59 0.00	63.47 0.44 0.00	51.76 0.16 0.00	49.09 -0.05 0.00	47.95 -0.24 0.00	45.92 -0.32 0.00	46.63 -0.38 0.00	45.17 -0.41 0.00	47.75 -0.33 0.00	52.43 -0.26 0.00	54.12 -0.55 0.00	60.13 -0.42 0.00	55.14 -0.11 0.00	48.41 -0.24 0.00	42.65 -0.04 0.00	41.07 -0.12 0.00	38.74 0.00 0.00
DANSKAMMER__1 23586	42.52 2.22 0.00	39.02 1.93 0.00	38.54 1.87 0.00	37.30 1.78 0.00	37.78 1.80 0.00	40.03 1.91 0.00	51.45 2.68 0.00	62.25 3.19 0.00	66.49 3.46 0.00	54.65 3.04 0.00	52.23 3.10 0.00	51.23 3.04 0.00	49.39 3.15 0.00	50.30 3.29 0.00	48.73 3.14 0.00	51.59 3.51 0.00	56.54 3.84 0.00	58.77 4.10 0.00	65.16 4.60 0.00	59.50 4.25 0.00	52.60 3.94 0.00	46.02 3.33 0.00	44.37 3.17 0.00	41.30 2.56 0.00
DANSKAMMER__2 23589	42.52 2.22 0.00	39.02 1.93 0.00	38.54 1.87 0.00	37.30 1.78 0.00	37.78 1.80 0.00	40.03 1.91 0.00	51.45 2.68 0.00	62.25 3.19 0.00	66.49 3.46 0.00	54.65 3.04 0.00	52.23 3.10 0.00	51.23 3.04 0.00	49.39 3.15 0.00	50.30 3.29 0.00	48.73 3.14 0.00	51.59 3.51 0.00	56.54 3.84 0.00	58.77 4.10 0.00	65.16 4.60 0.00	59.50 4.25 0.00	52.60 3.94 0.00	46.02 3.33 0.00	44.37 3.17 0.00	41.30 2.56 0.00
DANSKAMMER__3 23590	42.52 2.22 0.00	39.02 1.93 0.00	38.54 1.87 0.00	37.30 1.78 0.00	37.78 1.80 0.00	40.03 1.91 0.00	51.45 2.68 0.00	62.25 3.19 0.00	66.49 3.46 0.00	54.65 3.04 0.00	52.23 3.10 0.00	51.23 3.04 0.00	49.39 3.15 0.00	50.30 3.29 0.00	48.73 3.14 0.00	51.59 3.51 0.00	56.54 3.84 0.00	58.77 4.10 0.00	65.16 4.60 0.00	59.50 4.25 0.00	52.60 3.94 0.00	46.02 3.33 0.00	44.37 3.17 0.00	41.30 2.56 0.00

DANSKAMMER___4 23591	42.52 2.22 0.00	39.02 1.93 0.00	38.54 1.87 0.00	37.30 1.78 0.00	37.78 1.80 0.00	40.03 1.91 0.00	51.45 2.68 0.00	62.25 3.19 0.00	66.49 3.46 0.00	54.65 3.04 0.00	52.23 3.10 0.00	51.23 3.04 0.00	49.39 3.15 0.00	50.30 3.29 0.00	48.73 3.14 0.00	51.59 3.51 0.00	56.54 3.84 0.00	58.77 4.10 0.00	65.16 4.60 0.00	59.50 4.25 0.00	52.60 3.94 0.00	46.02 3.33 0.00	44.37 3.17 0.00	41.30 2.56 0.00
DANSKAMMER___DIESEL 23592	42.53 2.22 0.00	39.02 1.93 0.00	38.54 1.87 0.00	37.30 1.78 0.00	37.79 1.80 0.00	40.03 1.91 0.00	51.45 2.68 0.00	62.31 3.25 0.00	66.50 3.47 0.00	54.65 3.04 0.00	52.18 3.05 0.00	51.23 3.04 0.00	49.39 3.14 0.00	50.30 3.29 0.00	48.87 3.28 0.00	51.59 3.51 0.00	56.54 3.85 0.00	58.77 4.10 0.00	65.22 4.66 0.00	59.50 4.25 0.00	52.60 3.94 0.00	46.11 3.42 0.00	44.45 3.25 0.00	41.30 2.56 0.00
DARBY___SOLAR 323810	41.60 1.29 0.00	38.28 1.19 0.00	37.81 1.14 0.00	36.69 1.17 0.00	37.10 1.12 0.00	39.42 1.30 0.00	50.37 1.61 0.00	60.96 1.89 0.00	64.79 1.76 0.00	53.00 1.39 0.00	50.27 1.13 0.00	49.21 1.01 0.00	47.26 1.02 0.00	48.14 1.13 0.00	46.86 1.27 0.00	49.62 1.54 0.00	54.54 1.84 0.00	56.86 2.19 0.00	62.98 2.42 0.00	57.35 2.10 0.00	50.70 2.04 0.00	44.40 1.71 0.00	42.93 1.73 0.00	40.13 1.39 0.00
DASHVILLE___HYD 23610	41.92 1.61 0.00	38.47 1.37 0.00	38.03 1.36 0.00	36.80 1.28 0.00	37.28 1.30 0.00	39.46 1.33 0.00	50.67 1.90 0.00	61.37 2.30 0.00	65.36 2.33 0.00	53.62 2.01 0.00	51.15 2.01 0.00	50.22 2.02 0.00	48.32 2.08 0.00	49.22 2.21 0.00	47.86 2.28 0.00	50.53 2.45 0.00	55.43 2.74 0.00	57.67 3.01 0.00	64.07 3.51 0.00	58.45 3.20 0.00	51.62 2.97 0.00	45.25 2.56 0.00	43.67 2.47 0.00	40.60 1.86 0.00
DELAWARE___LFGE 323621	41.40 1.09 0.00	38.02 0.93 0.00	37.62 0.95 0.00	36.41 0.89 0.00	36.89 0.90 0.00	39.08 0.95 0.00	50.03 1.27 0.00	60.72 1.65 0.00	64.79 1.76 0.00	53.10 1.50 0.00	50.66 1.52 0.00	49.69 1.49 0.00	47.72 1.48 0.00	48.61 1.60 0.00	47.09 1.50 0.00	49.85 1.68 -0.08	54.59 1.90 0.00	58.35 1.91 -1.77	62.77 2.18 -0.04	57.41 2.15 -0.01	50.64 1.90 -0.08	44.38 1.62 -0.06	42.73 1.52 0.00	39.98 1.24 0.00
DERFIELD_115KV_TB7 355931	40.43 0.12 0.00	37.20 0.11 0.00	36.78 0.11 0.00	35.63 0.11 0.00	36.09 0.11 0.00	38.24 0.11 0.00	48.91 0.15 0.00	59.24 0.18 0.00	63.16 0.13 0.00	51.71 0.10 0.00	49.23 0.10 0.00	48.29 0.10 0.00	46.38 0.14 0.00	47.15 0.14 0.00	45.77 0.18 0.00	48.27 0.19 0.00	52.96 0.26 0.00	54.94 0.27 0.00	60.86 0.30 0.00	55.58 0.33 0.00	48.95 0.29 0.00	42.95 0.26 0.00	41.40 0.21 0.00	38.94 0.19 0.00
DOGLEVILLE___HYD 23807	41.44 1.13 0.00	38.21 1.11 0.00	37.92 1.25 0.00	36.91 1.39 0.00	37.50 1.51 0.00	39.73 1.60 0.00	50.57 1.80 0.00	61.13 2.07 0.00	64.98 1.95 0.00	52.95 1.34 0.00	50.46 1.33 0.00	49.45 1.25 0.00	47.40 1.16 0.00	48.14 1.13 0.00	46.63 1.05 0.00	49.19 1.11 0.00	53.85 1.16 0.00	55.71 1.04 0.00	61.77 1.21 0.00	56.46 1.22 0.00	49.68 1.02 0.00	43.72 1.02 0.00	42.19 0.99 0.00	39.63 0.89 0.00
DUNKIRK___115KV_TB_200 55889	38.78 -1.53 0.00	35.61 -1.48 0.00	35.35 -1.32 0.00	33.89 -1.63 0.00	33.79 -2.20 0.00	35.19 -2.94 0.00	44.49 -4.24 0.04	53.78 -4.49 0.80	50.67 -4.73 7.63	45.13 -3.77 2.70	40.27 -3.69 5.18	37.43 -3.57 7.20	36.21 -3.24 6.80	36.03 -3.15 7.83	34.84 -4.10 6.65	36.39 -4.47 7.22	34.56 -5.22 12.92	36.60 -5.03 13.03	49.66 -5.51 5.38	44.08 -4.25 6.92	38.54 -3.75 6.37	34.42 -3.29 4.99	38.09 -3.09 0.02	35.93 -2.79 0.02
DUNKIRK___1 23563	38.78 -1.53 0.00	35.61 -1.48 0.00	35.35 -1.32 0.00	33.89 -1.63 0.00	33.79 -2.20 0.00	35.19 -2.94 0.00	44.49 -4.24 0.04	53.78 -4.49 0.80	50.67 -4.73 7.63	45.13 -3.77 2.70	40.27 -3.69 5.18	37.43 -3.57 7.20	36.21 -3.24 6.80	36.03 -3.15 7.83	34.84 -4.10 6.65	36.39 -4.47 7.22	34.56 -5.22 12.92	36.60 -5.03 13.03	49.66 -5.51 5.38	44.08 -4.25 6.92	38.54 -3.75 6.37	34.42 -3.29 4.99	38.09 -3.09 0.02	35.93 -2.79 0.02
DUNKIRK___2 23564	38.78 -1.53 0.00	35.61 -1.48 0.00	35.35 -1.32 0.00	33.89 -1.63 0.00	33.79 -2.20 0.00	35.19 -2.94 0.00	44.49 -4.24 0.04	53.78 -4.49 0.80	50.67 -4.73 7.63	45.13 -3.77 2.70	40.27 -3.69 5.18	37.43 -3.57 7.20	36.21 -3.24 6.80	36.03 -3.15 7.83	34.84 -4.10 6.65	36.39 -4.47 7.22	34.56 -5.22 12.92	36.60 -5.03 13.03	49.66 -5.51 5.38	44.08 -4.25 6.92	38.54 -3.75 6.37	34.42 -3.29 4.99	38.09 -3.09 0.02	35.93 -2.79 0.02
DUNKIRK___3 23565	38.66 -1.65 0.00	35.53 -1.56 0.00	35.31 -1.36 0.00	33.85 -1.67 0.00	33.79 -2.20 0.00	35.23 -2.90 0.00	44.49 -4.24 0.04	53.91 -4.37 0.79	50.98 -4.54 7.51	45.33 -3.61 2.66	40.55 -3.49 5.10	37.74 -3.37 7.08	36.55 -3.01 6.69	36.39 -2.91 7.70	34.86 -3.87 6.85	36.42 -4.23 7.43	34.63 -4.95 13.11	36.81 -4.76 13.10	49.81 -5.21 5.54	44.07 -4.03 7.14	38.53 -3.55 6.57	34.43 -3.12 5.15	38.17 -3.01 0.02	35.97 -2.75 0.02
DUNKIRK___4 23566	38.66 -1.65 0.00	35.53 -1.56 0.00	35.31 -1.36 0.00	33.85 -1.67 0.00	33.79 -2.20 0.00	35.23 -2.90 0.00	44.49 -4.24 0.04	53.91 -4.37 0.79	50.98 -4.54 7.51	45.33 -3.61 2.66	40.55 -3.49 5.10	37.74 -3.37 7.08	36.55 -3.01 6.69	36.39 -2.91 7.70	34.86 -3.87 6.85	36.42 -4.23 7.43	34.63 -4.95 13.11	36.81 -4.76 13.10	49.81 -5.21 5.54	44.07 -4.03 7.14	38.53 -3.55 6.57	34.43 -3.12 5.15	38.17 -3.01 0.02	35.97 -2.75 0.02
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	42.61 2.30 0.00	38.98 1.89 0.00	38.50 1.83 0.00	37.26 1.74 0.00	37.75 1.76 0.00	40.11 1.98 0.00	51.59 2.83 0.00	62.43 3.37 0.00	66.62 3.59 0.00	55.01 3.41 0.00	52.58 3.44 0.00	51.66 3.47 0.00	49.76 3.51 0.00	50.68 3.67 0.00	49.23 3.65 0.00	51.97 3.89 0.00	56.96 4.27 0.00	59.04 4.37 0.00	65.52 4.97 0.00	59.89 4.64 0.00	52.89 4.23 0.00	46.36 3.67 0.00	44.70 3.50 0.00	41.45 2.71 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	42.45 2.14 0.00	38.87 1.78 0.00	38.43 1.76 0.00	37.19 1.67 0.00	37.68 1.69 0.00	39.95 1.83 0.00	51.35 2.58 0.00	62.14 3.07 0.00	66.31 3.28 0.00	54.50 2.89 0.00	52.04 2.90 0.00	51.13 2.94 0.00	49.25 3.01 0.00	50.16 3.15 0.00	48.73 3.15 0.00	51.45 3.37 0.00	56.38 3.69 0.00	58.60 3.94 0.00	65.04 4.48 0.00	59.39 4.14 0.00	52.45 3.80 0.00	45.98 3.29 0.00	44.33 3.13 0.00	41.18 2.44 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	43.18 2.86 -0.01	39.51 2.41 -0.01	39.02 2.35 -0.01	37.73 2.20 -0.01	38.22 2.23 -0.01	40.61 2.48 -0.01	52.03 3.27 0.00	62.31 3.25 0.00	66.31 3.28 0.00	55.01 3.41 0.00	52.62 3.49 0.00	51.81 3.61 0.00	49.85 3.61 0.00	50.77 3.76 0.00	49.37 3.78 0.00	52.12 4.04 0.00	57.07 4.37 0.00	59.04 4.37 0.00	65.40 4.84 0.00	59.83 4.59 0.00	52.94 4.28 0.00	46.62 3.93 0.00	45.24 4.04 -0.01	41.97 3.22 -0.01

E179THST_13_KV_LOAD 356214	43.34 3.02 -0.01	39.66 2.56 -0.01	39.13 2.46 -0.01	37.88 2.34 -0.01	38.37 2.38 -0.01	40.76 2.63 -0.01	52.23 3.46 0.00	62.55 3.48 0.00	66.56 3.53 0.00	55.22 3.61 0.00	52.87 3.73 0.00	52.00 3.81 0.00	50.08 3.84 0.00	51.00 4.00 0.00	49.60 4.01 0.00	52.36 4.28 0.00	57.33 4.64 0.00	59.31 4.65 0.00	65.70 5.15 0.00	60.11 4.86 0.00	53.18 4.53 0.00	46.83 4.14 0.00	45.41 4.20 -0.01	42.12 3.37 -0.01
EAST HAMPTON___GT 23717	41.31 1.01 0.00	37.57 0.48 0.00	34.91 0.04 1.80	34.94 0.00 0.58	34.98 0.04 1.04	38.39 0.27 0.00	48.16 -0.19 0.41	40.45 -0.41 18.21	43.21 -0.38 19.45	43.55 0.31 8.37	50.01 0.89 0.02	43.26 0.72 5.65	45.37 0.79 1.66	45.17 0.94 2.78	46.84 1.32 0.06	49.47 1.40 0.01	54.37 1.69 0.01	56.19 1.53 0.01	63.09 2.54 0.00	57.95 2.71 0.00	50.94 2.29 0.00	45.52 2.65 -0.18	43.46 2.26 0.00	40.40 1.66 0.00
EAST RIVER___6 23660	42.73 2.42 0.00	39.06 1.96 0.00	38.54 1.87 0.00	37.30 1.78 0.00	37.78 1.80 0.00	40.14 2.02 0.00	51.79 3.02 0.00	62.67 3.60 0.00	66.94 3.91 0.00	55.37 3.77 0.00	52.97 3.84 0.00	52.00 3.81 0.00	50.08 3.84 0.00	51.00 3.99 0.00	49.46 3.87 0.00	52.31 4.23 0.00	57.33 4.64 0.00	59.37 4.70 0.00	65.82 5.27 0.00	60.16 4.92 0.00	53.18 4.53 0.00	46.45 3.76 0.00	44.78 3.58 0.00	41.61 2.87 0.00
EAST RIVER___7 23524	42.73 2.42 0.00	39.06 1.96 0.00	38.54 1.87 0.00	37.30 1.78 0.00	37.78 1.80 0.00	40.14 2.02 0.00	51.79 3.02 0.00	62.67 3.60 0.00	66.94 3.91 0.00	55.37 3.77 0.00	52.97 3.84 0.00	52.00 3.81 0.00	50.08 3.84 0.00	51.00 3.99 0.00	49.46 3.87 0.00	52.31 4.23 0.00	57.33 4.64 0.00	59.37 4.70 0.00	65.82 5.27 0.00	60.16 4.92 0.00	53.18 4.53 0.00	46.45 3.76 0.00	44.78 3.58 0.00	41.61 2.87 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	42.53 2.22 0.00	38.95 1.85 0.00	38.47 1.80 0.00	37.23 1.71 0.00	37.71 1.73 0.00	40.03 1.91 0.00	51.50 2.73 0.00	62.31 3.25 0.00	66.50 3.47 0.00	54.86 3.25 0.00	52.43 3.29 0.00	51.52 3.33 0.00	49.62 3.38 0.00	50.53 3.53 0.00	49.10 3.51 0.00	51.78 3.70 0.00	56.80 4.11 0.00	58.88 4.21 0.00	65.34 4.78 0.00	59.72 4.48 0.00	52.74 4.09 0.00	46.24 3.54 0.00	44.58 3.38 0.00	41.38 2.63 0.00
EAST_HAMPTON___DIESEL 23722	41.23 0.93 0.00	37.50 0.41 0.00	34.80 -0.07 1.80	34.87 -0.07 0.58	34.87 -0.07 1.04	38.31 0.19 0.00	48.01 -0.34 0.41	40.27 -0.59 18.21	43.01 -0.57 19.45	43.45 0.21 8.36	49.86 0.74 0.02	43.12 0.58 5.65	45.23 0.65 1.66	45.03 0.80 2.78	46.70 1.18 0.06	49.32 1.25 0.01	54.21 1.53 0.01	56.03 1.37 0.01	62.91 2.36 0.00	57.79 2.54 0.00	50.79 2.14 0.00	45.39 2.52 -0.18	43.33 2.14 0.00	40.33 1.59 0.00
EAST_POINT___SOLAR 323840	42.04 1.73 0.00	38.65 1.56 0.00	38.21 1.54 0.00	37.02 1.49 0.00	37.50 1.51 0.00	39.95 1.83 0.00	51.01 2.24 0.00	62.08 3.01 0.00	65.23 2.20 0.00	52.64 1.03 0.00	49.53 0.39 0.00	48.77 0.58 0.00	47.12 0.88 0.00	48.14 1.13 0.00	46.95 1.37 0.00	49.86 1.78 0.00	54.96 2.26 0.00	57.62 2.95 0.00	63.82 3.27 0.00	58.17 2.93 0.00	51.38 2.72 0.00	45.00 2.30 0.00	43.42 2.22 0.00	40.52 1.78 0.00
EAST_PULASKI___ESR 323781	40.03 -0.28 0.00	36.79 -0.30 0.00	36.34 -0.33 0.00	35.17 -0.36 0.00	35.66 -0.32 0.00	37.82 -0.31 0.00	48.28 -0.49 0.00	58.59 -0.47 0.00	62.52 -0.51 0.00	51.14 -0.47 0.00	48.64 -0.49 0.00	47.62 -0.58 0.00	45.64 -0.60 0.00	46.45 -0.56 0.00	45.04 -0.54 0.00	47.45 -0.63 0.00	52.06 -0.63 0.00	53.85 -0.82 0.00	59.77 -0.79 0.00	54.70 -0.55 0.00	48.07 -0.58 0.00	42.27 -0.43 0.00	40.71 -0.49 0.00	38.43 -0.31 0.00
EAST_RIVER___1 323558	42.85 2.54 0.00	39.21 2.11 0.00	38.68 2.02 0.00	37.44 1.92 0.00	37.96 1.98 0.00	40.30 2.17 0.00	51.93 3.17 0.00	62.79 3.72 0.00	67.07 4.04 0.00	55.42 3.82 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.05 4.04 0.00	49.51 3.92 0.00	52.36 4.28 0.00	57.33 4.64 0.00	59.42 4.75 0.00	65.89 5.33 0.00	60.22 4.97 0.00	53.28 4.62 0.00	46.58 3.88 0.00	44.91 3.71 0.00	41.72 2.98 0.00
EAST_RIVER___2 323559	42.73 2.42 0.00	39.06 1.96 0.00	38.54 1.87 0.00	37.30 1.78 0.00	37.78 1.80 0.00	40.14 2.02 0.00	51.79 3.02 0.00	62.67 3.60 0.00	66.94 3.91 0.00	55.37 3.77 0.00	52.97 3.84 0.00	52.00 3.81 0.00	50.08 3.84 0.00	51.00 3.99 0.00	49.46 3.87 0.00	52.31 4.23 0.00	57.33 4.64 0.00	59.37 4.70 0.00	65.82 5.27 0.00	60.16 4.92 0.00	53.18 4.53 0.00	46.45 3.76 0.00	44.78 3.58 0.00	41.61 2.87 0.00
EAST___DELAWARE_HYD 23607	42.61 2.30 0.00	39.09 2.00 0.00	38.65 1.98 0.00	37.37 1.85 0.00	37.86 1.87 0.00	40.11 1.98 0.00	51.54 2.78 0.00	62.49 3.42 0.00	66.56 3.53 0.00	54.55 2.94 0.00	52.13 3.00 0.00	51.08 2.89 0.00	49.16 2.92 0.00	50.06 3.05 0.00	48.55 2.96 0.00	51.39 3.31 0.00	56.43 3.74 0.00	58.71 4.05 0.00	65.16 4.60 0.00	59.50 4.25 0.00	52.55 3.89 0.00	45.98 3.29 0.00	44.33 3.13 0.00	41.30 2.56 0.00
EIGHT_POINT___WT_PWR 323820	39.34 -0.97 0.00	36.02 -1.08 0.00	35.57 -1.10 0.00	33.93 -1.60 0.00	33.68 -2.30 0.00	35.22 -2.90 0.00	44.61 -4.29 -0.14	57.50 -4.67 -3.10	87.66 -4.98 -29.61	57.76 -4.33 -10.49	64.92 -4.32 -20.11	71.87 -4.24 -27.92	68.55 -4.07 -26.38	73.45 -3.95 -30.39	66.02 -4.06 -24.49	68.93 -4.14 -24.99	64.06 -4.43 -15.79	59.60 -4.38 -9.31	74.84 -4.90 -19.19	81.50 -4.25 -30.51	71.52 -3.65 -26.51	59.90 -3.54 -20.75	37.61 -3.54 0.04	35.53 -3.18 0.04
ELBRIDGE_115KV_TB2 80188	39.82 -0.48 0.00	36.57 -0.52 0.00	36.16 -0.51 0.00	34.99 -0.53 0.00	35.45 -0.54 0.00	37.55 -0.57 0.00	48.03 -0.73 0.00	58.30 -0.77 0.00	62.27 -0.76 0.00	51.04 -0.57 0.00	48.60 -0.54 0.00	47.71 -0.48 0.00	45.83 -0.42 0.00	46.63 -0.38 0.00	45.18 -0.41 0.00	47.60 -0.48 0.00	52.17 -0.53 0.00	54.12 -0.55 0.00	59.95 -0.61 0.00	54.75 -0.50 0.00	48.12 -0.54 0.00	42.18 -0.51 0.00	40.66 -0.54 0.00	38.39 -0.35 0.00
ELEC_TRO_TEK 24086	42.30 1.98 -0.01	38.54 1.45 0.00	37.95 1.28 0.00	36.77 1.24 0.00	37.25 1.26 0.00	39.65 1.52 0.00	50.78 2.10 0.09	59.04 2.42 2.45	62.22 2.58 3.39	53.33 2.58 0.85	51.88 2.75 0.01	50.30 2.80 0.69	49.18 2.87 -0.07	49.77 2.96 0.20	48.94 3.33 -0.03	51.30 3.22 0.01	56.27 3.58 0.01	58.32 3.66 0.01	65.42 4.84 -0.02	59.96 4.70 -0.02	52.81 4.14 -0.02	48.30 4.01 -1.60	45.17 3.95 -0.02	41.47 2.71 -0.02
ELLENBURG_WT_PWR 323604	40.27 -0.04 0.00	37.17 0.07 0.00	36.71 0.04 0.00	35.56 0.04 0.00	36.06 0.07 0.00	38.35 0.23 0.00	49.01 0.25 0.00	59.48 0.42 0.00	63.60 0.57 0.00	51.87 0.26 0.00	49.23 0.10 0.00	48.24 0.05 0.00	45.97 -0.28 0.00	46.40 -0.61 0.00	44.72 -0.87 0.00	47.12 -1.27 0.00	51.43 -1.27 0.00	53.30 -1.36 0.00	58.80 -1.76 0.00	53.31 -1.94 0.00	47.05 -1.60 0.00	41.50 -1.20 0.00	40.09 -1.11 0.00	37.70 -1.04 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	38.41 -1.89 0.00	35.35 -1.74 0.00	35.17 -1.50 0.00	33.78 -1.74 0.00	33.72 -2.27 0.00	35.11 -3.01 0.00	44.00 -4.73 0.04	53.25 -5.02 0.80	50.32 -5.11 7.61	44.99 -3.92 2.70	40.23 -3.73 5.17	37.40 -3.61 7.17	36.23 -3.24 6.78	36.05 -3.15 7.81	34.32 -3.92 7.34	35.72 -4.42 7.94	33.98 -5.27 13.45	36.35 -5.14 13.18	48.99 -5.63 5.93	43.38 -4.20 7.67	37.77 -3.84 7.04	33.80 -3.37 5.52	37.93 -3.25 0.02	36.01 -2.71 0.02
EMPIRE_CC_1 323656	40.83 0.52 0.00	37.65 0.56 0.00	37.14 0.48 0.00	36.13 0.60 0.00	36.56 0.57 0.00	38.70 0.57 0.00	49.50 0.73 0.00	59.83 0.77 0.00	63.79 0.76 0.00	52.17 0.57 0.00	49.58 0.44 0.00	48.67 0.48 0.00	46.70 0.46 0.00	47.57 0.57 0.00	46.31 0.73 0.00	49.04 0.96 0.00	53.85 1.16 0.00	55.92 1.26 0.00	61.95 1.39 0.00	56.52 1.27 0.00	49.92 1.26 0.00	43.72 1.02 0.00	42.23 1.03 0.00	39.59 0.85 0.00
EMPIRE_CC_2 323658	40.83 0.52 0.00	37.65 0.56 0.00	37.14 0.48 0.00	36.13 0.60 0.00	36.56 0.57 0.00	38.70 0.57 0.00	49.50 0.73 0.00	59.83 0.77 0.00	63.79 0.76 0.00	52.17 0.57 0.00	49.58 0.44 0.00	48.67 0.48 0.00	46.70 0.46 0.00	47.57 0.57 0.00	46.31 0.73 0.00	49.04 0.96 0.00	53.85 1.16 0.00	55.92 1.26 0.00	61.95 1.39 0.00	56.52 1.27 0.00	49.92 1.26 0.00	43.72 1.02 0.00	42.23 1.03 0.00	39.59 0.85 0.00
ENORWICH_115KV_TB1 80156	42.28 1.98 0.00	38.91 1.82 0.00	38.47 1.80 0.00	37.16 1.63 0.00	37.68 1.69 0.00	40.11 1.98 0.00	51.36 2.58 -0.01	62.69 3.48 -0.14	67.88 3.53 -1.32	54.55 2.48 -0.47	52.20 2.16 -0.90	51.22 1.78 -1.25	49.09 1.66 -1.18	50.01 1.65 -1.36	48.24 1.37 -1.29	51.68 1.78 -1.82	63.00 2.16 -8.15	69.00 2.30 -12.04	64.44 2.66 -1.22	59.86 2.87 -1.74	52.99 2.34 -2.00	46.01 1.75 -1.57	42.79 1.57 -0.02	40.24 1.47 -0.02
ERIE_ST__34_KV_TB1-2 80199	38.58 -1.73 0.00	35.50 -1.59 0.00	35.28 -1.39 0.00	33.85 -1.67 0.00	33.79 -2.20 0.00	35.19 -2.94 0.00	45.12 -3.61 0.04	55.10 -3.13 0.84	51.91 -3.15 7.97	46.46 -2.32 2.83	41.51 -2.21 5.42	38.55 -2.12 7.52	37.34 -1.80 7.10	37.14 -1.69 8.18	34.98 -3.10 7.51	37.01 -2.98 8.09	35.26 -3.64 13.80	37.49 -3.50 13.68	50.46 -4.06 6.04	44.00 -3.26 7.99	38.97 -2.43 7.25	34.75 -2.26 5.68	38.91 -2.27 0.02	36.05 -2.67 0.02
ERIE_WT_PWR 323693	38.58 -1.73 0.00	35.50 -1.59 0.00	35.28 -1.39 0.00	33.89 -1.63 0.00	33.79 -2.20 0.00	35.26 -2.86 0.00	44.34 -4.39 0.04	53.72 -4.43 0.91	49.77 -4.60 8.67	44.92 -3.61 3.07	39.91 -3.34 5.89	36.79 -3.23 8.17	35.61 -2.91 7.72	35.30 -3.60 8.89	33.60 -4.14 8.39	34.93 -4.90 9.01	32.70 -4.70 15.09	35.47 -4.90 14.49	48.66 -5.15 6.75	42.24 -3.98 9.03	36.96 -3.50 8.19	33.08 -3.20 6.41	38.05 -3.13 0.02	36.01 -2.71 0.02
ESPRGFLD_115KV_TB1 80157	41.36 1.05 0.00	37.98 0.89 0.00	37.55 0.88 0.00	36.34 0.82 0.00	36.81 0.83 0.00	39.15 1.03 0.00	50.08 1.32 0.00	60.90 1.83 0.00	64.60 1.58 0.00	52.64 1.03 0.00	49.97 0.84 0.00	49.06 0.87 0.00	47.26 1.02 0.00	48.14 1.13 0.00	46.72 1.14 0.00	49.47 1.39 0.00	54.33 1.63 0.00	56.53 1.86 0.00	62.68 2.12 0.00	57.29 2.04 0.00	50.46 1.80 0.00	44.23 1.54 0.00	42.64 1.44 0.00	39.87 1.12 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	40.87 0.56 0.00	37.54 0.45 0.00	37.11 0.44 0.00	35.88 0.36 0.00	36.35 0.36 0.00	38.54 0.42 0.00	49.36 0.59 -0.01	60.20 0.89 -0.24	66.36 1.01 -2.33	53.15 0.72 -0.82	51.31 0.59 -1.58	50.92 0.53 -2.19	48.87 0.55 -2.07	50.05 0.66 -2.39	48.32 0.50 -2.23	52.08 0.63 -3.38	72.05 0.84 -18.51	81.50 0.87 -25.96	63.79 1.03 -2.21	59.30 1.16 -2.89	53.14 0.92 -3.56	46.17 0.68 -2.80	41.83 0.58 -0.06	39.38 0.58 -0.06
ETNA____115KV_TB2 80207	40.87 0.56 0.00	37.54 0.45 0.00	37.11 0.44 0.00	35.88 0.36 0.00	36.35 0.36 0.00	38.54 0.42 0.00	49.36 0.59 -0.01	60.20 0.89 -0.24	66.36 1.01 -2.33	53.15 0.72 -0.82	51.31 0.59 -1.58	50.92 0.53 -2.19	48.87 0.55 -2.07	50.05 0.66 -2.39	48.32 0.50 -2.23	52.08 0.63 -3.38	72.05 0.84 -18.51	81.50 0.87 -25.96	63.79 1.03 -2.21	59.30 1.16 -2.89	53.14 0.92 -3.56	46.17 0.68 -2.80	41.83 0.58 -0.06	39.38 0.58 -0.06
EUCLID____115KV_TB2 356179	39.62 -0.69 0.00	36.43 -0.67 0.00	35.97 -0.70 0.00	34.81 -0.71 0.00	35.30 -0.68 0.00	37.36 -0.76 0.00	47.74 -1.02 0.00	57.88 -1.18 0.00	61.89 -1.13 0.00	50.73 -0.88 0.00	48.35 -0.79 0.00	47.42 -0.77 0.00	45.55 -0.69 0.00	46.40 -0.61 0.00	44.95 -0.64 0.00	47.31 -0.77 0.00	51.85 -0.84 0.00	53.74 -0.93 0.00	59.59 -0.97 0.00	54.42 -0.83 0.00	47.83 -0.83 0.00	41.92 -0.77 0.00	40.42 -0.78 0.00	38.20 -0.54 0.00
E_CANADA_CAP_HY 24051	41.35 1.05 0.00	38.02 0.93 0.00	37.55 0.88 0.00	36.37 0.85 0.00	36.85 0.86 0.00	39.23 1.11 0.00	50.03 1.27 0.00	60.78 1.71 0.00	64.10 1.07 0.00	51.97 0.36 0.00	49.14 0.00 0.00	48.34 0.15 0.00	46.57 0.33 0.00	47.53 0.52 0.00	46.31 0.73 0.00	49.14 1.06 0.00	54.01 1.32 0.00	56.53 1.86 0.00	62.67 2.12 0.00	57.13 1.88 0.00	50.41 1.75 0.00	44.23 1.53 0.00	42.72 1.53 0.00	39.87 1.12 0.00
E_CANADA_MHWK_HY 24050	41.44 1.13 0.00	38.20 1.11 0.00	37.92 1.25 0.00	36.91 1.38 0.00	37.50 1.51 0.00	39.72 1.60 0.00	50.57 1.81 0.00	61.13 2.07 0.00	64.99 1.96 0.00	52.95 1.34 0.00	50.46 1.33 0.00	49.44 1.25 0.00	47.40 1.16 0.00	48.14 1.13 0.00	46.59 1.00 0.00	49.19 1.11 0.00	53.85 1.16 0.00	55.70 1.04 0.00	61.77 1.21 0.00	56.46 1.21 0.00	49.68 1.02 0.00	43.72 1.02 0.00	42.15 0.95 0.00	39.63 0.89 0.00
E_FISHKILL__LBMP 23776	42.24 1.93 0.00	38.72 1.63 0.00	38.21 1.54 0.00	37.02 1.49 0.00	37.50 1.51 0.00	39.80 1.68 0.00	51.11 2.34 0.00	61.84 2.78 0.00	65.99 2.96 0.00	54.39 2.79 0.00	51.94 2.80 0.00	51.04 2.84 0.00	49.16 2.91 0.00	50.02 3.01 0.00	48.64 3.05 0.00	51.35 3.27 0.00	56.28 3.58 0.00	58.33 3.66 0.00	64.73 4.18 0.00	59.12 3.87 0.00	52.26 3.60 0.00	45.81 3.12 0.00	44.21 3.01 0.00	41.07 2.32 0.00
FALCON____SEABRD_CC1 323796	40.43 0.12 0.00	37.32 0.22 0.00	36.85 0.18 0.00	35.70 0.18 0.00	36.24 0.25 0.00	38.54 0.42 0.00	49.11 0.34 0.00	59.54 0.47 0.00	63.72 0.69 0.00	51.92 0.31 0.00	49.23 0.10 0.00	48.48 0.29 0.00	46.20 -0.05 0.00	46.54 -0.47 0.00	44.85 -0.73 0.00	47.22 -0.86 0.00	51.27 -1.42 0.00	53.19 -1.47 0.00	58.62 -1.94 0.00	53.09 -2.16 0.00	47.10 -1.56 0.00	41.79 -0.90 0.00	40.37 -0.82 0.00	37.97 -0.77 0.00
FALCON____SEABRD_CC2 323797	40.43 0.12 0.00	37.32 0.22 0.00	36.85 0.18 0.00	35.70 0.18 0.00	36.24 0.25 0.00	38.54 0.42 0.00	49.11 0.34 0.00	59.54 0.47 0.00	63.72 0.69 0.00	51.92 0.31 0.00	49.23 0.10 0.00	48.48 0.29 0.00	46.20 -0.05 0.00	46.54 -0.47 0.00	44.85 -0.73 0.00	47.22 -0.86 0.00	51.27 -1.42 0.00	53.19 -1.47 0.00	58.62 -1.94 0.00	53.09 -2.16 0.00	47.10 -1.56 0.00	41.79 -0.90 0.00	40.37 -0.82 0.00	37.97 -0.77 0.00

FAR ROCKAWAY___4 23548	42.77 2.42 -0.04	38.98 1.89 0.00	38.36 1.69 0.00	37.12 1.60 0.00	37.64 1.66 0.00	40.07 1.94 0.00	51.31 2.58 0.04	61.03 3.01 1.05	64.80 3.21 1.44	54.34 3.10 0.37	52.52 3.39 0.01	51.34 3.37 0.23	50.43 3.47 -0.72	51.05 3.57 -0.47	49.66 3.97 -0.11	51.87 3.80 0.01	56.90 4.22 0.01	58.98 4.32 0.01	66.30 5.69 -0.05	60.77 5.47 -0.05	53.53 4.82 -0.05	50.38 4.61 -3.08	45.78 4.53 -0.05	41.97 3.18 -0.05
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	42.85 2.54 0.00	39.21 2.11 0.00	38.69 2.02 0.00	37.48 1.95 0.00	37.97 1.98 0.00	40.34 2.21 0.00	51.94 3.17 0.00	62.79 3.72 0.00	67.00 3.97 0.00	55.42 3.82 0.00	52.92 3.78 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.05 4.04 0.00	49.60 4.01 0.00	52.36 4.28 0.00	57.38 4.69 0.00	59.42 4.76 0.00	65.88 5.33 0.00	60.28 5.03 0.00	53.28 4.62 0.00	46.66 3.97 0.00	44.99 3.79 0.00	41.72 2.98 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	42.89 2.58 0.00	39.24 2.15 0.00	38.72 2.05 0.00	37.48 1.95 0.00	37.97 1.98 0.00	40.34 2.21 0.00	51.94 3.17 0.00	62.79 3.72 0.00	67.00 3.97 0.00	55.42 3.82 0.00	52.97 3.83 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.05 4.04 0.00	49.60 4.01 0.00	52.36 4.28 0.00	57.38 4.69 0.00	59.42 4.76 0.00	65.95 5.39 0.00	60.28 5.03 0.00	53.28 4.62 0.00	46.71 4.01 0.00	45.03 3.83 0.00	41.72 2.98 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	42.85 2.54 0.00	39.21 2.11 0.00	38.69 2.02 0.00	37.44 1.92 0.00	37.97 1.98 0.00	40.30 2.17 0.00	51.89 3.12 0.00	62.79 3.72 0.00	67.00 3.97 0.00	55.37 3.77 0.00	52.92 3.78 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.05 4.04 0.00	49.60 4.01 0.00	52.31 4.23 0.00	57.33 4.64 0.00	59.42 4.76 0.00	65.88 5.33 0.00	60.22 4.97 0.00	53.23 4.57 0.00	46.66 3.97 0.00	44.99 3.79 0.00	41.72 2.98 0.00
FARRAGUT___LBMP 323566	42.81 2.50 0.00	39.17 2.08 0.00	38.65 1.98 0.00	37.44 1.92 0.00	37.93 1.94 0.00	40.30 2.17 0.00	51.89 3.12 0.00	62.73 3.66 0.00	66.94 3.91 0.00	55.37 3.77 0.00	52.87 3.73 0.00	52.00 3.81 0.00	50.08 3.84 0.00	51.00 4.00 0.00	49.55 3.97 0.00	52.31 4.23 0.00	57.28 4.58 0.00	59.37 4.70 0.00	65.82 5.27 0.00	60.22 4.97 0.00	53.18 4.53 0.00	46.62 3.93 0.00	44.95 3.75 0.00	41.69 2.94 0.00
FENNER___WINDPWR 24204	41.07 0.76 0.00	37.76 0.67 0.00	37.33 0.66 0.00	36.13 0.60 0.00	36.63 0.65 0.00	38.89 0.76 0.00	49.79 1.03 0.00	60.43 1.36 0.00	64.48 1.45 0.00	52.69 1.09 0.00	50.12 0.98 0.00	49.06 0.87 0.00	47.08 0.83 0.00	47.90 0.89 0.00	46.42 0.82 -0.01	49.27 0.96 -0.23	56.97 1.11 -3.17	60.67 0.99 -5.01	61.81 1.15 -0.10	56.54 1.27 -0.02	49.90 1.02 -0.22	43.72 0.85 -0.18	41.95 0.74 -0.01	39.49 0.73 -0.01
FIBERTEK___ENERGY 23856	40.03 -0.28 0.00	36.80 -0.30 0.00	36.34 -0.33 0.00	35.17 -0.36 0.00	35.66 -0.32 0.00	37.78 -0.34 0.00	48.33 -0.44 0.00	58.65 -0.41 0.00	62.65 -0.38 0.00	51.40 -0.21 0.00	48.99 -0.15 0.00	48.05 -0.14 0.00	46.15 -0.09 0.00	47.01 0.00 0.00	45.49 -0.09 0.00	47.94 -0.14 0.00	52.53 -0.16 0.00	54.39 -0.27 0.00	60.25 -0.30 0.00	55.08 -0.17 0.00	48.41 -0.24 0.00	42.44 -0.26 0.00	40.91 -0.29 0.00	38.63 -0.12 0.00
FITZPATRICK___ 23598	39.06 -1.25 0.00	35.94 -1.15 0.00	35.49 -1.17 0.00	34.39 -1.14 0.00	34.83 -1.15 0.00	36.90 -1.22 0.00	47.16 -1.61 0.00	57.17 -1.89 0.00	61.01 -2.02 0.00	50.01 -1.60 0.00	47.61 -1.52 0.00	46.75 -1.44 0.00	44.86 -1.39 0.00	45.64 -1.36 0.00	44.31 -1.28 0.00	46.59 -1.49 0.00	51.06 -1.63 0.00	52.97 -1.70 0.00	58.74 -1.82 0.00	53.64 -1.60 0.00	47.15 -1.51 0.00	41.37 -1.32 0.00	39.92 -1.28 0.00	37.70 -1.04 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	42.61 2.30 0.00	39.06 1.97 0.00	38.61 1.94 0.00	37.34 1.81 0.00	37.82 1.84 0.00	40.11 1.98 0.00	51.50 2.73 0.00	62.37 3.31 0.00	66.75 3.72 0.00	54.81 3.20 0.00	52.33 3.19 0.00	51.37 3.18 0.00	49.53 3.28 0.00	50.44 3.43 0.00	49.00 3.42 0.00	51.73 3.65 0.00	56.64 3.95 0.00	58.82 4.15 0.00	65.28 4.72 0.00	59.61 4.36 0.00	52.65 3.99 0.00	46.15 3.46 0.00	44.49 3.30 0.00	41.34 2.60 0.00
FORT ORANGE___ 23900	40.75 0.44 0.00	37.61 0.52 0.00	37.18 0.51 0.00	36.09 0.57 0.00	36.49 0.50 0.00	38.62 0.49 0.00	49.40 0.63 0.00	59.78 0.71 0.00	63.66 0.63 0.00	52.07 0.46 0.00	49.43 0.30 0.00	48.48 0.29 0.00	46.57 0.33 0.00	47.43 0.42 0.00	46.13 0.55 0.00	48.85 0.77 0.00	53.69 1.00 0.00	55.87 1.20 0.00	61.95 1.39 0.00	56.46 1.21 0.00	49.87 1.22 0.00	43.67 0.98 0.00	42.23 1.03 0.00	39.56 0.81 0.00
FORT_DRUM_COGEN 23780	41.60 1.29 0.00	38.28 1.19 0.00	37.70 1.03 0.00	36.45 0.92 0.00	37.03 1.04 0.00	39.23 1.11 0.00	50.08 1.32 0.00	61.07 2.01 0.00	64.92 1.89 0.00	52.64 1.03 0.00	49.77 0.64 0.00	48.48 0.29 0.00	46.29 0.05 0.00	46.96 -0.05 0.00	45.40 -0.18 0.00	48.13 0.05 0.00	53.01 0.32 0.00	54.61 -0.05 0.00	60.74 0.18 0.00	55.80 0.55 0.00	48.95 0.29 0.00	43.16 0.47 0.00	41.57 0.37 0.00	39.17 0.43 0.00
FOX_HILLS___ESR 323835	43.38 3.06 -0.01	39.70 2.60 -0.01	39.21 2.53 -0.01	37.95 2.42 -0.01	38.44 2.45 -0.01	40.84 2.71 -0.01	52.43 3.66 -0.01	62.91 3.84 0.00	66.75 3.72 0.00	55.32 3.72 0.00	52.92 3.78 0.00	52.10 3.90 0.00	50.17 3.93 0.00	51.10 4.09 0.00	49.69 4.10 0.00	52.50 4.42 0.00	57.59 4.90 0.00	59.64 4.97 0.00	66.07 5.51 0.00	60.44 5.19 0.00	53.47 4.82 0.00	47.09 4.40 0.00	45.49 4.28 -0.01	42.20 3.45 -0.01
FPL_FAR_ROCK_GT1 24212	42.77 2.42 -0.04	38.98 1.89 0.00	38.36 1.69 0.00	37.12 1.60 0.00	37.61 1.62 0.00	40.03 1.91 0.00	51.31 2.58 0.04	60.97 2.95 1.05	64.80 3.21 1.44	54.34 3.10 0.37	52.57 3.44 0.01	51.34 3.37 0.23	50.38 3.42 -0.72	51.10 3.62 -0.47	49.43 3.74 -0.11	51.92 3.85 0.01	56.90 4.22 0.01	59.03 4.37 0.01	66.06 5.45 -0.05	60.61 5.30 -0.05	53.34 4.62 -0.05	50.29 4.52 -3.08	45.54 4.28 -0.05	41.97 3.18 -0.05
FPL_FAR_ROCK_GT2 23815	42.77 2.42 -0.04	38.98 1.89 0.00	38.36 1.69 0.00	37.12 1.60 0.00	37.61 1.62 0.00	40.03 1.91 0.00	51.31 2.58 0.04	60.97 2.95 1.05	64.80 3.21 1.44	54.34 3.10 0.37	52.57 3.44 0.01	51.34 3.37 0.23	50.38 3.42 -0.72	51.10 3.62 -0.47	49.43 3.74 -0.11	51.92 3.85 0.01	56.90 4.22 0.01	59.03 4.37 0.01	66.06 5.45 -0.05	60.61 5.30 -0.05	53.34 4.62 -0.05	50.29 4.52 -3.08	45.54 4.28 -0.05	41.97 3.18 -0.05
FRANKLIN_FALL_HYD 24054	40.95 0.64 0.00	37.83 0.74 0.00	37.33 0.66 0.00	36.13 0.60 0.00	36.67 0.68 0.00	39.00 0.88 0.00	50.03 1.27 0.00	60.60 1.54 0.00	64.86 1.83 0.00	52.74 1.14 0.00	50.27 1.13 0.00	49.11 0.92 0.00	46.80 0.55 0.00	47.10 0.09 0.00	45.45 -0.14 0.00	47.89 -0.19 0.00	52.32 -0.37 0.00	54.23 -0.44 0.00	59.77 -0.79 0.00	54.25 -0.99 0.00	47.83 -0.83 0.00	42.18 -0.51 0.00	40.79 -0.41 0.00	38.35 -0.39 0.00

FREPORT_EQUS_GT1 23764	42.46 2.13 -0.01	38.69 1.59 0.00	38.06 1.39 0.00	36.87 1.35 0.00	37.35 1.37 0.00	39.76 1.64 0.00	50.77 2.20 0.19	56.03 2.54 5.58	58.03 2.71 7.71	52.35 2.68 1.94	52.12 3.00 0.01	49.47 2.89 1.61	48.88 2.96 0.33	49.25 3.10 0.86	48.88 3.28 -0.01	51.49 3.41 0.01	56.43 3.74 0.01	58.54 3.88 0.01	65.48 4.90 -0.02	60.07 4.80 -0.02	52.86 4.19 -0.02	48.21 4.19 -1.33	45.21 4.00 -0.02	41.70 2.94 -0.02
FREEPORT___CT2 23818	42.46 2.13 -0.01	38.69 1.59 0.00	38.06 1.39 0.00	36.87 1.35 0.00	37.35 1.37 0.00	39.76 1.64 0.00	50.77 2.20 0.19	56.03 2.54 5.58	58.03 2.71 7.71	52.35 2.68 1.94	52.12 3.00 0.01	49.47 2.89 1.61	48.88 2.96 0.33	49.25 3.10 0.86	48.88 3.28 -0.01	51.49 3.41 0.01	56.43 3.74 0.01	58.54 3.88 0.01	65.48 4.90 -0.02	60.07 4.80 -0.02	52.86 4.19 -0.02	48.21 4.19 -1.33	45.21 4.00 -0.02	41.70 2.94 -0.02
FRESHKLS_33_KV_LOAD 356253	43.66 3.35 -0.01	39.96 2.86 -0.01	39.46 2.79 -0.01	38.20 2.66 -0.01	38.69 2.70 -0.01	41.11 2.97 -0.01	52.82 4.05 -0.01	63.32 4.25 0.00	67.06 4.03 0.00	55.58 3.97 0.00	53.17 4.03 0.00	52.29 4.10 0.00	50.36 4.12 0.00	51.33 4.32 0.00	49.92 4.33 0.00	52.79 4.71 0.00	57.91 5.22 0.00	59.97 5.30 0.00	66.43 5.87 0.00	60.83 5.58 0.00	53.77 5.11 0.00	47.39 4.70 0.00	45.78 4.57 -0.01	42.47 3.72 -0.01
FULTON COGEN____ 23766	39.58 -0.73 0.00	36.39 -0.70 0.00	35.94 -0.73 0.00	34.78 -0.75 0.00	35.27 -0.72 0.00	37.36 -0.76 0.00	47.74 -1.02 0.00	57.94 -1.12 0.00	61.89 -1.13 0.00	50.73 -0.88 0.00	48.30 -0.84 0.00	47.42 -0.77 0.00	45.50 -0.74 0.00	46.35 -0.66 0.00	44.90 -0.68 0.00	47.31 -0.77 0.00	51.85 -0.84 0.00	53.74 -0.93 0.00	59.59 -0.97 0.00	54.42 -0.83 0.00	47.83 -0.83 0.00	41.92 -0.77 0.00	40.42 -0.78 0.00	38.20 -0.54 0.00
FULTON___LFGE 323630	41.88 1.57 0.00	38.50 1.41 0.00	38.03 1.36 0.00	36.87 1.35 0.00	37.32 1.33 0.00	39.72 1.60 0.00	50.77 2.00 0.00	61.66 2.60 0.00	65.05 2.02 0.00	52.69 1.09 0.00	49.77 0.64 0.00	48.82 0.62 0.00	47.03 0.79 0.00	48.00 0.99 0.00	46.82 1.23 0.00	49.66 1.58 0.00	54.75 2.05 0.00	57.34 2.68 0.00	63.52 2.97 0.00	57.90 2.65 0.00	51.14 2.48 0.00	44.78 2.09 0.00	43.26 2.06 0.00	40.37 1.63 0.00
G.F.CEMENT___DRP 24184	41.60 1.29 0.00	38.32 1.22 0.00	37.84 1.17 0.00	36.73 1.21 0.00	37.14 1.15 0.00	39.46 1.33 0.00	50.33 1.56 0.00	60.96 1.89 0.00	64.73 1.70 0.00	52.95 1.34 0.00	50.17 1.03 0.00	49.11 0.92 0.00	47.12 0.88 0.00	48.00 0.99 0.00	46.82 1.23 0.00	49.43 1.35 0.00	54.43 1.74 0.00	56.85 2.19 0.00	62.92 2.36 0.00	57.29 2.04 0.00	50.75 2.09 0.00	44.44 1.75 0.00	43.01 1.81 0.00	40.14 1.39 0.00
GARDENVILLE___LBMP 24039	38.54 -1.77 0.00	35.46 -1.63 0.00	35.24 -1.43 0.00	33.82 -1.71 0.00	33.72 -2.27 0.00	35.07 -3.05 0.00	44.06 -4.63 0.07	52.73 -4.78 1.55	43.30 -4.92 14.81	42.54 -3.82 5.25	35.39 -3.69 10.06	30.70 -3.52 13.97	29.85 -3.19 13.20	28.70 -3.10 15.20	25.75 -3.92 15.92	26.83 -4.33 16.93	23.98 -5.11 23.60	27.35 -4.97 22.34	42.30 -5.51 12.74	32.80 -4.20 18.25	28.47 -3.75 16.44	26.54 -3.29 12.87	37.96 -3.21 0.02	35.89 -2.83 0.02
GARDNVLA_35_KV_LD 355827	38.70 -1.61 0.00	35.61 -1.48 0.00	35.39 -1.28 0.00	33.96 -1.56 0.00	33.90 -2.09 0.00	35.26 -2.86 0.00	44.44 -4.29 0.04	53.84 -4.43 0.79	51.01 -4.48 7.54	45.52 -3.41 2.68	40.77 -3.24 5.13	37.94 -3.13 7.12	36.75 -2.77 6.72	36.59 -2.68 7.74	34.97 -3.60 7.01	36.52 -3.99 7.57	34.80 -4.74 13.15	36.96 -4.65 13.06	49.82 -5.09 5.65	44.03 -3.87 7.35	38.55 -3.41 6.70	34.41 -3.03 5.25	38.30 -2.88 0.02	36.13 -2.60 0.02
GELCKHM___115KV_LOAD 80723	39.78 -0.52 0.00	36.57 -0.52 0.00	36.12 -0.55 0.00	34.96 -0.57 0.00	35.41 -0.58 0.00	37.51 -0.61 0.00	47.99 -0.78 0.00	58.18 -0.89 0.00	62.21 -0.82 0.00	50.99 -0.62 0.00	48.60 -0.54 0.00	47.66 -0.53 0.00	45.78 -0.46 0.00	46.63 -0.38 0.00	45.18 -0.41 0.00	47.55 -0.53 0.00	52.11 -0.58 0.00	54.01 -0.66 0.00	59.83 -0.73 0.00	54.70 -0.55 0.00	48.07 -0.58 0.00	42.09 -0.60 0.00	40.62 -0.58 0.00	38.35 -0.39 0.00
GENERAL___MILLS 23808	38.58 -1.73 0.00	35.50 -1.59 0.00	35.28 -1.39 0.00	33.89 -1.63 0.00	33.79 -2.20 0.00	35.19 -2.94 0.00	44.34 -4.39 0.04	53.67 -4.49 0.91	49.76 -4.60 8.67	44.97 -3.56 3.07	39.91 -3.34 5.89	36.79 -3.23 8.17	35.65 -2.87 7.72	35.34 -2.77 8.89	33.46 -3.74 8.39	34.98 -4.09 9.01	33.08 -4.85 14.76	35.42 -4.76 14.49	48.60 -5.21 6.75	42.24 -3.98 9.03	36.95 -3.50 8.21	33.19 -3.07 6.42	38.21 -2.97 0.02	36.05 -2.67 0.02
GE_PLASTICS___DRP 24183	40.75 0.44 0.00	37.54 0.45 0.00	37.11 0.44 0.00	36.02 0.50 0.00	36.45 0.47 0.00	38.58 0.46 0.00	49.35 0.59 0.00	59.72 0.65 0.00	63.66 0.63 0.00	52.17 0.57 0.00	49.58 0.44 0.00	48.67 0.48 0.00	46.75 0.51 0.00	47.62 0.61 0.00	46.31 0.73 0.00	48.95 0.87 0.00	53.75 1.05 0.00	55.81 1.15 0.00	61.89 1.33 0.00	56.46 1.22 0.00	49.82 1.17 0.00	43.67 0.98 0.00	42.19 0.99 0.00	39.48 0.74 0.00
GILBOA___1 23756	41.16 0.85 0.00	37.83 0.74 0.00	37.51 0.84 0.00	36.37 0.85 0.00	36.81 0.83 0.00	38.89 0.76 0.00	49.84 1.07 0.00	60.31 1.24 0.00	64.35 1.33 0.00	52.79 1.19 0.00	50.31 1.18 0.00	49.40 1.21 0.00	47.44 1.20 0.00	48.32 1.31 0.00	46.86 1.27 0.00	49.57 1.49 0.00	54.33 1.64 0.00	56.42 1.75 0.00	62.49 1.94 0.00	57.07 1.82 0.00	50.36 1.70 0.00	44.14 1.45 0.00	42.56 1.36 0.00	39.82 1.08 0.00
GILBOA___2 23757	41.16 0.85 0.00	37.83 0.74 0.00	37.51 0.84 0.00	36.37 0.85 0.00	36.81 0.83 0.00	38.89 0.76 0.00	49.84 1.07 0.00	60.31 1.24 0.00	64.35 1.33 0.00	52.79 1.19 0.00	50.31 1.18 0.00	49.40 1.21 0.00	47.44 1.20 0.00	48.32 1.31 0.00	46.86 1.27 0.00	49.57 1.49 0.00	54.33 1.64 0.00	56.42 1.75 0.00	62.49 1.94 0.00	57.07 1.82 0.00	50.36 1.70 0.00	44.14 1.45 0.00	42.56 1.36 0.00	39.82 1.08 0.00
GILBOA___3 23758	41.16 0.85 0.00	37.83 0.74 0.00	37.51 0.84 0.00	36.37 0.85 0.00	36.81 0.83 0.00	38.89 0.76 0.00	49.84 1.07 0.00	60.31 1.24 0.00	64.35 1.33 0.00	52.79 1.19 0.00	50.31 1.18 0.00	49.40 1.21 0.00	47.44 1.20 0.00	48.32 1.31 0.00	46.86 1.27 0.00	49.57 1.49 0.00	54.33 1.64 0.00	56.42 1.75 0.00	62.49 1.94 0.00	57.07 1.82 0.00	50.36 1.70 0.00	44.14 1.45 0.00	42.56 1.36 0.00	39.82 1.08 0.00
GILBOA___4 23759	41.16 0.85 0.00	37.83 0.74 0.00	37.51 0.84 0.00	36.37 0.85 0.00	36.81 0.83 0.00	38.89 0.76 0.00	49.84 1.07 0.00	60.31 1.24 0.00	64.35 1.33 0.00	52.79 1.19 0.00	50.31 1.18 0.00	49.40 1.21 0.00	47.44 1.20 0.00	48.32 1.31 0.00	46.86 1.27 0.00	49.57 1.49 0.00	54.33 1.64 0.00	56.42 1.75 0.00	62.49 1.94 0.00	57.07 1.82 0.00	50.36 1.70 0.00	44.14 1.45 0.00	42.56 1.36 0.00	39.82 1.08 0.00

GILBOA____ 23599	41.16 0.85 0.00	37.83 0.74 0.00	37.51 0.84 0.00	36.38 0.85 0.00	36.81 0.83 0.00	38.89 0.76 0.00	49.84 1.07 0.00	60.37 1.30 0.00	64.35 1.32 0.00	52.79 1.19 0.00	50.27 1.13 0.00	49.40 1.20 0.00	47.44 1.20 0.00	48.33 1.32 0.00	46.95 1.37 0.00	49.57 1.49 0.00	54.33 1.63 0.00	56.42 1.75 0.00	62.55 2.00 0.00	57.13 1.88 0.00	50.36 1.70 0.00	44.19 1.49 0.00	42.60 1.40 0.00	39.83 1.08 0.00
GINNA____ 23603	37.61 -2.70 0.00	34.61 -2.48 0.00	34.25 -2.42 0.00	33.11 -2.42 0.00	33.47 -2.52 0.00	35.38 -2.75 0.00	44.96 -3.80 0.00	54.52 -4.55 0.00	58.37 -4.66 0.00	47.99 -3.61 0.00	45.89 -3.24 0.00	45.06 -3.13 0.00	43.33 -2.91 0.00	44.09 -2.91 0.00	42.89 -2.69 0.01	44.38 -3.56 0.14	46.57 -3.95 2.17	47.49 -4.16 3.02	56.13 -4.36 0.06	51.21 -4.03 0.01	44.43 -4.09 0.14	39.21 -3.37 0.11	37.98 -3.21 0.01	36.02 -2.71 0.01
GLEN PARK____ 23778	41.76 1.45 0.00	38.39 1.30 0.00	37.84 1.17 0.00	36.55 1.03 0.00	37.17 1.19 0.00	39.31 1.18 0.00	50.23 1.46 0.00	61.25 2.19 0.00	65.05 2.02 0.00	52.74 1.13 0.00	49.87 0.74 0.00	48.58 0.38 0.00	46.38 0.14 0.00	47.01 0.00 0.00	45.49 -0.09 0.00	48.22 0.14 0.00	53.11 0.42 0.00	54.78 0.11 0.00	60.98 0.43 0.00	56.08 0.83 0.00	49.14 0.49 0.00	43.33 0.64 0.00	41.69 0.50 0.00	39.28 0.54 0.00
GLENDALE_27_KV_LOAD 356172	43.14 2.82 -0.01	39.47 2.37 -0.01	38.95 2.27 -0.01	37.70 2.17 -0.01	38.22 2.23 -0.01	40.57 2.44 -0.01	52.18 3.41 0.00	62.79 3.72 0.00	66.87 3.84 0.00	55.48 3.87 0.00	53.07 3.93 0.00	52.19 4.00 0.00	50.27 4.02 0.00	51.19 4.18 0.00	49.78 4.19 0.00	52.55 4.47 0.00	57.54 4.85 0.00	59.59 4.92 0.00	65.95 5.39 0.00	60.39 5.14 0.00	53.38 4.72 0.00	46.88 4.18 0.00	45.28 4.08 -0.01	42.00 3.25 -0.01
GLENWOOD_IC_1_G5 23712	42.57 2.26 -0.01	38.87 1.78 0.00	38.32 1.65 0.00	37.09 1.56 0.00	37.61 1.62 0.00	39.95 1.83 0.00	51.19 2.54 0.12	58.66 3.01 3.42	61.58 3.28 4.72	53.57 3.15 1.19	52.42 3.29 0.01	50.53 3.33 0.99	49.39 3.38 0.22	49.94 3.48 0.54	49.28 3.69 0.00	51.78 3.70 0.00	56.80 4.11 0.00	58.87 4.21 0.00	65.71 5.15 -0.01	60.17 4.92 -0.01	53.09 4.43 -0.01	47.84 4.06 -1.09	45.12 3.91 -0.01	41.62 2.87 -0.01
GLENWOOD_IC_2_G1 23688	42.52 2.22 0.00	38.87 1.78 0.00	38.32 1.65 0.00	37.08 1.56 0.00	37.61 1.62 0.00	39.92 1.79 0.00	51.35 2.58 0.00	62.05 3.01 0.03	66.20 3.21 0.04	54.69 3.10 0.01	52.43 3.29 0.00	51.44 3.23 -0.02	49.52 3.28 0.00	50.45 3.43 -0.01	49.01 3.42 0.00	51.73 3.65 0.00	56.70 4.00 0.00	58.77 4.10 0.00	65.34 4.78 0.00	59.83 4.58 0.00	52.79 4.13 0.00	46.48 3.76 -0.03	44.74 3.54 0.00	41.49 2.75 0.00
GLENWOOD_IC_3_G1 23689	42.52 2.22 0.00	38.87 1.78 0.00	38.32 1.65 0.00	37.08 1.56 0.00	37.61 1.62 0.00	39.92 1.79 0.00	51.35 2.58 0.00	62.05 3.01 0.03	66.20 3.21 0.04	54.69 3.10 0.01	52.43 3.29 0.00	51.44 3.23 -0.02	49.52 3.28 0.00	50.45 3.43 -0.01	49.01 3.42 0.00	51.73 3.65 0.00	56.70 4.00 0.00	58.77 4.10 0.00	65.34 4.78 0.00	59.83 4.58 0.00	52.79 4.13 0.00	46.48 3.76 -0.03	44.74 3.54 0.00	41.49 2.75 0.00
GLENWOOD____4 23550	42.57 2.26 -0.01	38.87 1.78 0.00	38.32 1.65 0.00	37.09 1.56 0.00	37.61 1.62 0.00	39.95 1.83 0.00	51.19 2.54 0.12	58.66 3.01 3.42	61.58 3.28 4.72	53.57 3.15 1.19	52.42 3.29 0.01	50.53 3.33 0.99	49.39 3.38 0.22	49.94 3.48 0.54	49.28 3.69 0.00	51.78 3.70 0.00	56.80 4.11 0.00	58.87 4.21 0.00	65.71 5.15 -0.01	60.17 4.92 -0.01	53.09 4.43 -0.01	47.84 4.06 -1.09	45.12 3.91 -0.01	41.62 2.87 -0.01
GLENWOOD____5 23614	42.57 2.26 -0.01	38.87 1.78 0.00	38.32 1.65 0.00	37.09 1.56 0.00	37.61 1.62 0.00	39.95 1.83 0.00	51.19 2.54 0.12	58.66 3.01 3.42	61.58 3.28 4.72	53.57 3.15 1.19	52.42 3.29 0.01	50.53 3.33 0.99	49.39 3.38 0.22	49.94 3.48 0.54	49.28 3.69 0.00	51.78 3.70 0.00	56.80 4.11 0.00	58.87 4.21 0.00	65.71 5.15 -0.01	60.17 4.92 -0.01	53.09 4.43 -0.01	47.84 4.06 -1.09	45.12 3.91 -0.01	41.62 2.87 -0.01
GLOBAL GREEN_PORT_GT1 23814	41.56 1.25 0.00	37.80 0.70 0.00	35.20 0.33 1.80	35.23 0.28 0.58	35.27 0.32 1.04	38.69 0.57 0.00	48.70 0.34 0.41	41.05 0.24 18.25	43.89 0.32 19.45	44.08 0.88 8.40	50.49 1.37 0.02	43.73 1.21 5.67	45.83 1.25 1.66	45.64 1.41 2.78	47.30 1.78 0.06	49.95 1.87 0.01	54.90 2.21 0.01	56.79 2.13 0.01	63.76 3.21 0.00	58.56 3.31 0.00	51.47 2.82 0.00	45.99 3.11 -0.18	43.91 2.72 0.00	40.75 2.01 0.00
GLOBE____DSASP 323697	37.49 -2.82 0.00	34.57 -2.52 0.00	34.43 -2.24 0.00	33.18 -2.34 0.00	33.11 -2.88 0.00	34.46 -3.66 0.00	42.35 -6.39 0.03	52.02 -6.32 0.73	49.66 -6.43 6.94	44.19 -4.95 2.46	39.76 -4.67 4.71	37.17 -4.48 6.54	35.99 -4.07 6.18	35.94 -3.95 7.12	34.25 -4.47 6.86	35.36 -5.29 7.43	33.75 -6.27 12.67	36.17 -6.18 12.32	48.34 -6.66 5.56	43.39 -4.81 7.05	37.49 -4.67 6.50	33.55 -4.06 5.09	36.69 -4.49 0.02	35.24 -3.49 0.02
GOETHSLN____LBMP 323567	42.65 2.34 0.00	39.06 1.97 0.00	38.54 1.87 0.00	37.30 1.78 0.00	37.79 1.80 0.00	40.14 2.02 0.00	51.69 2.93 0.00	62.55 3.48 0.00	66.75 3.72 0.00	55.22 3.61 0.00	52.72 3.59 0.00	51.86 3.66 0.00	49.94 3.70 0.00	50.86 3.85 0.00	49.41 3.83 0.00	52.17 4.09 0.00	57.17 4.48 0.00	59.20 4.54 0.00	65.64 5.09 0.00	60.05 4.81 0.00	53.08 4.43 0.00	46.49 3.80 0.00	44.82 3.63 0.00	41.57 2.83 0.00
GOLAH____69_KV_TB 1_2 80279	39.54 -0.77 0.00	36.35 -0.74 0.00	36.01 -0.66 0.00	34.78 -0.75 0.00	35.01 -0.97 0.00	36.90 -1.22 0.00	46.47 -2.29 0.00	56.42 -2.54 0.11	59.47 -2.52 1.04	49.38 -1.86 0.37	46.76 -1.67 0.71	45.58 -1.64 0.98	43.88 -1.43 0.93	44.58 -1.36 1.07	43.89 -1.69 0.01	45.66 -2.26 0.16	47.28 -2.74 2.67	48.37 -2.68 3.62	57.83 -2.66 0.06	53.03 -2.21 0.01	46.04 -2.48 0.14	40.41 -2.18 0.11	39.13 -2.06 0.01	37.61 -1.12 0.01
GOODYEAR_LAKE_HYD 323669	41.52 1.21 0.00	38.13 1.04 0.00	37.70 1.03 0.00	36.48 0.96 0.00	36.99 1.01 0.00	39.23 1.11 0.00	50.28 1.51 0.00	61.07 2.01 0.00	65.11 2.08 0.00	53.31 1.70 0.00	50.81 1.67 0.00	49.83 1.64 0.00	47.91 1.66 0.00	48.75 1.74 0.00	47.27 1.69 0.00	50.02 1.88 -0.07	54.80 2.11 0.00	58.29 2.13 -1.49	63.01 2.42 -0.03	57.63 2.38 -0.01	50.82 2.09 -0.07	44.50 1.75 -0.05	42.85 1.65 0.00	40.10 1.36 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	40.51 0.20 0.00	37.20 0.11 0.00	36.82 0.15 0.00	35.59 0.07 0.00	35.99 0.00 0.00	38.05 -0.08 0.00	48.72 -0.05 0.00	59.24 0.18 0.00	63.28 0.25 0.00	51.86 0.26 0.00	49.38 0.25 0.00	48.43 0.24 0.00	46.57 0.32 0.00	47.43 0.42 0.00	45.77 0.18 0.00	48.32 0.24 0.00	51.28 0.26 1.68	54.99 0.33 0.00	60.92 0.36 0.00	55.75 0.50 0.00	49.14 0.49 0.00	43.03 0.34 0.00	41.45 0.25 0.00	38.90 0.15 0.00

GOUDEY___7 23579	40.51 0.20 0.00	37.20 0.11 0.00	36.82 0.15 0.00	35.59 0.07 0.00	35.99 0.00 0.00	38.05 -0.08 0.00	48.72 -0.05 0.00	59.24 0.18 0.00	63.28 0.25 0.00	51.86 0.26 0.00	49.38 0.25 0.00	48.43 0.24 0.00	46.57 0.32 0.00	47.43 0.42 0.00	45.77 0.18 0.00	48.32 0.24 0.00	51.28 0.26 1.68	54.99 0.33 0.00	60.92 0.36 0.00	55.75 0.50 0.00	49.14 0.49 0.00	43.03 0.34 0.00	41.45 0.25 0.00	38.90 0.15 0.00
GOUDEY___8 23580	40.51 0.20 0.00	37.20 0.11 0.00	36.82 0.15 0.00	35.59 0.07 0.00	35.99 0.00 0.00	38.05 -0.08 0.00	48.72 -0.05 0.00	59.24 0.18 0.00	63.28 0.25 0.00	51.86 0.26 0.00	49.38 0.25 0.00	48.43 0.24 0.00	46.57 0.32 0.00	47.43 0.42 0.00	45.77 0.18 0.00	48.32 0.24 0.00	51.28 0.26 1.68	54.99 0.33 0.00	60.92 0.36 0.00	55.75 0.50 0.00	49.14 0.49 0.00	43.03 0.34 0.00	41.45 0.25 0.00	38.90 0.15 0.00
GOWANUS_GT1_1 24077	43.22 2.90 -0.01	39.55 2.45 -0.01	39.02 2.35 -0.01	37.80 2.27 -0.01	38.30 2.30 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.79 3.72 0.00	66.68 3.66 0.00	55.27 3.66 0.00	52.87 3.73 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.05 4.04 0.00	49.64 4.06 0.00	52.46 4.38 0.00	57.49 4.79 0.00	59.53 4.87 0.00	65.88 5.33 0.00	60.33 5.08 0.00	53.33 4.67 0.00	46.96 4.27 0.00	45.37 4.16 -0.01	42.08 3.33 -0.01
GOWANUS_GT1_2 24078	43.22 2.90 -0.01	39.55 2.45 -0.01	39.02 2.35 -0.01	37.80 2.27 -0.01	38.30 2.30 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.79 3.72 0.00	66.68 3.66 0.00	55.27 3.66 0.00	52.87 3.73 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.05 4.04 0.00	49.64 4.06 0.00	52.46 4.38 0.00	57.49 4.79 0.00	59.53 4.87 0.00	65.88 5.33 0.00	60.33 5.08 0.00	53.33 4.67 0.00	46.96 4.27 0.00	45.37 4.16 -0.01	42.08 3.33 -0.01
GOWANUS_GT1_3 24079	43.22 2.90 -0.01	39.55 2.45 -0.01	39.02 2.35 -0.01	37.80 2.27 -0.01	38.30 2.30 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.79 3.72 0.00	66.68 3.66 0.00	55.27 3.66 0.00	52.87 3.73 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.05 4.04 0.00	49.64 4.06 0.00	52.46 4.38 0.00	57.49 4.79 0.00	59.53 4.87 0.00	65.88 5.33 0.00	60.33 5.08 0.00	53.33 4.67 0.00	46.96 4.27 0.00	45.37 4.16 -0.01	42.08 3.33 -0.01
GOWANUS_GT1_4 24080	43.22 2.90 -0.01	39.55 2.45 -0.01	39.02 2.35 -0.01	37.80 2.27 -0.01	38.30 2.30 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.79 3.72 0.00	66.68 3.66 0.00	55.27 3.66 0.00	52.87 3.73 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.05 4.04 0.00	49.64 4.06 0.00	52.46 4.38 0.00	57.49 4.79 0.00	59.53 4.87 0.00	65.88 5.33 0.00	60.33 5.08 0.00	53.33 4.67 0.00	46.96 4.27 0.00	45.37 4.16 -0.01	42.08 3.33 -0.01
GOWANUS_GT1_5 24084	43.22 2.90 -0.01	39.55 2.45 -0.01	39.02 2.35 -0.01	37.80 2.27 -0.01	38.30 2.30 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.79 3.72 0.00	66.68 3.66 0.00	55.27 3.66 0.00	52.87 3.73 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.05 4.04 0.00	49.64 4.06 0.00	52.46 4.38 0.00	57.49 4.79 0.00	59.53 4.87 0.00	65.88 5.33 0.00	60.33 5.08 0.00	53.33 4.67 0.00	46.96 4.27 0.00	45.37 4.16 -0.01	42.08 3.33 -0.01
GOWANUS_GT1_6 24111	43.22 2.90 -0.01	39.55 2.45 -0.01	39.02 2.35 -0.01	37.80 2.27 -0.01	38.30 2.30 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.79 3.72 0.00	66.68 3.66 0.00	55.27 3.66 0.00	52.87 3.73 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.05 4.04 0.00	49.64 4.06 0.00	52.46 4.38 0.00	57.49 4.79 0.00	59.53 4.87 0.00	65.88 5.33 0.00	60.33 5.08 0.00	53.33 4.67 0.00	46.96 4.27 0.00	45.37 4.16 -0.01	42.08 3.33 -0.01
GOWANUS_GT1_7 24112	43.22 2.90 -0.01	39.55 2.45 -0.01	39.02 2.35 -0.01	37.80 2.27 -0.01	38.30 2.30 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.79 3.72 0.00	66.68 3.66 0.00	55.27 3.66 0.00	52.87 3.73 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.05 4.04 0.00	49.64 4.06 0.00	52.46 4.38 0.00	57.49 4.79 0.00	59.53 4.87 0.00	65.88 5.33 0.00	60.33 5.08 0.00	53.33 4.67 0.00	46.96 4.27 0.00	45.37 4.16 -0.01	42.08 3.33 -0.01
GOWANUS_GT1_8 24113	43.22 2.90 -0.01	39.55 2.45 -0.01	39.02 2.35 -0.01	37.80 2.27 -0.01	38.30 2.30 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.79 3.72 0.00	66.68 3.66 0.00	55.27 3.66 0.00	52.87 3.73 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.05 4.04 0.00	49.64 4.06 0.00	52.46 4.38 0.00	57.49 4.79 0.00	59.53 4.87 0.00	65.88 5.33 0.00	60.33 5.08 0.00	53.33 4.67 0.00	46.96 4.27 0.00	45.37 4.16 -0.01	42.08 3.33 -0.01
GOWANUS_GT2_1 24114	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.32 3.72 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.51 3.92 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.89 5.33 0.00	60.33 5.08 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.29 4.08 -0.01	42.08 3.33 -0.01
GOWANUS_GT2_2 24115	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.32 3.72 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.51 3.92 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.89 5.33 0.00	60.33 5.08 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.29 4.08 -0.01	42.08 3.33 -0.01
GOWANUS_GT2_3 24116	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.32 3.72 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.51 3.92 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.89 5.33 0.00	60.33 5.08 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.29 4.08 -0.01	42.08 3.33 -0.01
GOWANUS_GT2_4 24117	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.32 3.72 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.51 3.92 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.89 5.33 0.00	60.33 5.08 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.29 4.08 -0.01	42.08 3.33 -0.01
GOWANUS_GT2_5 24118	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.32 3.72 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.51 3.92 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.89 5.33 0.00	60.33 5.08 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.29 4.08 -0.01	42.08 3.33 -0.01

GOWANUS_GT2_6 24119	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.32 3.72 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.51 3.92 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.89 5.33 0.00	60.33 5.08 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.29 4.08 -0.01	42.08 3.33 -0.01
GOWANUS_GT2_7 24120	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.32 3.72 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.51 3.92 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.89 5.33 0.00	60.33 5.08 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.29 4.08 -0.01	42.08 3.33 -0.01
GOWANUS_GT2_8 24121	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.32 3.72 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.51 3.92 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.89 5.33 0.00	60.33 5.08 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.29 4.08 -0.01	42.08 3.33 -0.01
GOWANUS_GT3_1 24122	43.22 2.90 -0.01	39.55 2.45 -0.01	39.03 2.35 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.27 3.66 0.00	52.97 3.84 0.00	52.00 3.81 0.00	50.13 3.88 0.00	51.05 4.04 0.00	49.46 3.87 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.82 5.27 0.00	60.27 5.03 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.25 4.04 -0.01	42.08 3.33 -0.01
GOWANUS_GT3_2 24123	43.22 2.90 -0.01	39.55 2.45 -0.01	39.03 2.35 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.27 3.66 0.00	52.97 3.84 0.00	52.00 3.81 0.00	50.13 3.88 0.00	51.05 4.04 0.00	49.46 3.87 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.82 5.27 0.00	60.27 5.03 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.25 4.04 -0.01	42.08 3.33 -0.01
GOWANUS_GT3_3 24124	43.22 2.90 -0.01	39.55 2.45 -0.01	39.03 2.35 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.27 3.66 0.00	52.97 3.84 0.00	52.00 3.81 0.00	50.13 3.88 0.00	51.05 4.04 0.00	49.46 3.87 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.82 5.27 0.00	60.27 5.03 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.25 4.04 -0.01	42.08 3.33 -0.01
GOWANUS_GT3_4 24125	43.22 2.90 -0.01	39.55 2.45 -0.01	39.03 2.35 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.27 3.66 0.00	52.97 3.84 0.00	52.00 3.81 0.00	50.13 3.88 0.00	51.05 4.04 0.00	49.46 3.87 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.82 5.27 0.00	60.27 5.03 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.25 4.04 -0.01	42.08 3.33 -0.01
GOWANUS_GT3_5 24126	43.22 2.90 -0.01	39.55 2.45 -0.01	39.03 2.35 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.27 3.66 0.00	52.97 3.84 0.00	52.00 3.81 0.00	50.13 3.88 0.00	51.05 4.04 0.00	49.46 3.87 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.82 5.27 0.00	60.27 5.03 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.25 4.04 -0.01	42.08 3.33 -0.01
GOWANUS_GT3_6 24127	43.22 2.90 -0.01	39.55 2.45 -0.01	39.03 2.35 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.27 3.66 0.00	52.97 3.84 0.00	52.00 3.81 0.00	50.13 3.88 0.00	51.05 4.04 0.00	49.46 3.87 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.82 5.27 0.00	60.27 5.03 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.25 4.04 -0.01	42.08 3.33 -0.01
GOWANUS_GT3_7 24128	43.22 2.90 -0.01	39.55 2.45 -0.01	39.03 2.35 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.27 3.66 0.00	52.97 3.84 0.00	52.00 3.81 0.00	50.13 3.88 0.00	51.05 4.04 0.00	49.46 3.87 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.82 5.27 0.00	60.27 5.03 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.25 4.04 -0.01	42.08 3.33 -0.01
GOWANUS_GT3_8 24129	43.22 2.90 -0.01	39.55 2.45 -0.01	39.03 2.35 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.27 3.66 0.00	52.97 3.84 0.00	52.00 3.81 0.00	50.13 3.88 0.00	51.05 4.04 0.00	49.46 3.87 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.82 5.27 0.00	60.27 5.03 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.25 4.04 -0.01	42.08 3.33 -0.01
GOWANUS_GT4_1 24130	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.80 2.27 -0.01	38.30 2.30 -0.01	40.69 2.55 -0.01	52.29 3.51 -0.01	62.79 3.72 0.00	66.68 3.66 0.00	55.27 3.66 0.00	52.92 3.78 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.69 4.10 0.00	52.46 4.38 0.00	57.54 4.85 0.00	59.53 4.87 0.00	65.95 5.39 0.00	60.39 5.14 0.00	53.38 4.72 0.00	46.96 4.27 0.00	45.37 4.16 -0.01	42.08 3.33 -0.01
GOWANUS_GT4_2 24131	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.80 2.27 -0.01	38.30 2.30 -0.01	40.69 2.55 -0.01	52.29 3.51 -0.01	62.79 3.72 0.00	66.68 3.66 0.00	55.27 3.66 0.00	52.92 3.78 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.69 4.10 0.00	52.46 4.38 0.00	57.54 4.85 0.00	59.53 4.87 0.00	65.95 5.39 0.00	60.39 5.14 0.00	53.38 4.72 0.00	46.96 4.27 0.00	45.37 4.16 -0.01	42.08 3.33 -0.01
GOWANUS_GT4_3 24132	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.80 2.27 -0.01	38.30 2.30 -0.01	40.69 2.55 -0.01	52.29 3.51 -0.01	62.79 3.72 0.00	66.68 3.66 0.00	55.27 3.66 0.00	52.92 3.78 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.69 4.10 0.00	52.46 4.38 0.00	57.54 4.85 0.00	59.53 4.87 0.00	65.95 5.39 0.00	60.39 5.14 0.00	53.38 4.72 0.00	46.96 4.27 0.00	45.37 4.16 -0.01	42.08 3.33 -0.01
GOWANUS_GT4_4 24133	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.80 2.27 -0.01	38.30 2.30 -0.01	40.69 2.55 -0.01	52.29 3.51 -0.01	62.79 3.72 0.00	66.68 3.66 0.00	55.27 3.66 0.00	52.92 3.78 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.69 4.10 0.00	52.46 4.38 0.00	57.54 4.85 0.00	59.53 4.87 0.00	65.95 5.39 0.00	60.39 5.14 0.00	53.38 4.72 0.00	46.96 4.27 0.00	45.37 4.16 -0.01	42.08 3.33 -0.01

GOWANUS_GT4_5 24134	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.80 2.27 -0.01	38.30 2.30 -0.01	40.69 2.55 -0.01	52.29 3.51 -0.01	62.79 3.72 0.00	66.68 3.66 0.00	55.27 3.66 0.00	52.92 3.78 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.69 4.10 0.00	52.46 4.38 0.00	57.54 4.85 0.00	59.53 4.87 0.00	65.95 5.39 0.00	60.39 5.14 0.00	53.38 4.72 0.00	46.96 4.27 0.00	45.37 4.16 -0.01	42.08 3.33 -0.01
GOWANUS_GT4_6 24135	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.80 2.27 -0.01	38.30 2.30 -0.01	40.69 2.55 -0.01	52.29 3.51 -0.01	62.79 3.72 0.00	66.68 3.66 0.00	55.27 3.66 0.00	52.92 3.78 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.69 4.10 0.00	52.46 4.38 0.00	57.54 4.85 0.00	59.53 4.87 0.00	65.95 5.39 0.00	60.39 5.14 0.00	53.38 4.72 0.00	46.96 4.27 0.00	45.37 4.16 -0.01	42.08 3.33 -0.01
GOWANUS_GT4_7 24136	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.80 2.27 -0.01	38.30 2.30 -0.01	40.69 2.55 -0.01	52.29 3.51 -0.01	62.79 3.72 0.00	66.68 3.66 0.00	55.27 3.66 0.00	52.92 3.78 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.69 4.10 0.00	52.46 4.38 0.00	57.54 4.85 0.00	59.53 4.87 0.00	65.95 5.39 0.00	60.39 5.14 0.00	53.38 4.72 0.00	46.96 4.27 0.00	45.37 4.16 -0.01	42.08 3.33 -0.01
GOWANUS_GT4_8 24137	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.80 2.27 -0.01	38.30 2.30 -0.01	40.69 2.55 -0.01	52.29 3.51 -0.01	62.79 3.72 0.00	66.68 3.66 0.00	55.27 3.66 0.00	52.92 3.78 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.69 4.10 0.00	52.46 4.38 0.00	57.54 4.85 0.00	59.53 4.87 0.00	65.95 5.39 0.00	60.39 5.14 0.00	53.38 4.72 0.00	46.96 4.27 0.00	45.37 4.16 -0.01	42.08 3.33 -0.01
GREATVR_69_KV_BK1 356245	42.69 2.38 0.00	38.80 1.71 0.00	37.43 1.58 0.81	36.76 1.49 0.26	37.06 1.55 0.47	39.95 1.83 0.00	50.35 1.95 0.36	50.14 2.48 11.41	50.00 2.65 15.68	50.25 2.63 3.98	52.07 2.95 0.01	47.54 2.70 3.36	47.65 2.73 1.32	47.42 2.68 2.27	48.58 3.05 0.06	51.53 3.46 0.01	56.64 3.95 0.01	58.70 4.05 0.01	66.18 5.63 0.00	60.71 5.47 0.00	53.37 4.72 0.00	47.04 4.06 -0.29	45.73 4.53 0.00	41.92 3.18 0.00
GREENBSH_115KV_TB3 55895	40.55 0.24 0.00	37.43 0.33 0.00	37.00 0.33 0.00	35.91 0.39 0.00	36.35 0.36 0.00	38.47 0.34 0.00	49.16 0.39 0.00	59.48 0.41 0.00	63.41 0.38 0.00	51.92 0.31 0.00	49.33 0.20 0.00	48.43 0.24 0.00	46.52 0.28 0.00	47.38 0.38 0.00	46.13 0.55 0.00	48.75 0.67 0.00	53.54 0.84 0.00	55.65 0.98 0.00	61.65 1.09 0.00	56.19 0.94 0.00	49.63 0.97 0.00	43.55 0.85 0.00	42.06 0.87 0.00	39.36 0.62 0.00
GREENDGE_115KV_TB5 80291	39.91 -0.40 0.00	36.61 -0.48 0.00	36.23 -0.44 0.00	34.88 -0.64 0.00	35.16 -0.83 0.00	37.09 -1.03 0.00	47.40 -1.41 -0.05	58.55 -1.65 -1.14	72.35 -1.58 -10.90	54.07 -1.39 -3.86	55.06 -1.47 -7.40	57.02 -1.45 -10.28	54.61 -1.34 -9.71	57.02 -1.18 -11.18	54.72 -1.50 -10.64	56.88 -1.59 -10.39	49.92 -1.48 1.29	46.82 -1.26 6.59	67.00 -1.70 -8.14	67.17 -1.38 -13.31	58.41 -1.36 -11.11	50.02 -1.37 -8.69	40.00 -1.15 0.05	37.69 -1.01 0.05
GREENIDGE___3 23582	39.91 -0.40 0.00	36.61 -0.48 0.00	36.23 -0.44 0.00	34.88 -0.64 0.00	35.16 -0.83 0.00	37.09 -1.03 0.00	47.40 -1.41 -0.05	58.55 -1.65 -1.14	72.35 -1.58 -10.90	54.07 -1.39 -3.86	55.06 -1.47 -7.40	57.02 -1.45 -10.28	54.61 -1.34 -9.71	57.02 -1.18 -11.18	54.72 -1.50 -10.64	56.88 -1.59 -10.39	49.92 -1.48 1.29	46.82 -1.26 6.59	67.00 -1.70 -8.14	67.17 -1.38 -13.31	58.41 -1.36 -11.11	50.02 -1.37 -8.69	40.00 -1.15 0.05	37.69 -1.01 0.05
GREENIDGE___4 23583	39.91 -0.40 0.00	36.61 -0.48 0.00	36.23 -0.44 0.00	34.89 -0.64 0.00	35.16 -0.83 0.00	37.10 -1.03 0.00	47.40 -1.42 -0.05	58.62 -1.59 -1.14	72.35 -1.57 -10.90	54.02 -1.44 -3.86	55.06 -1.47 -7.40	57.07 -1.40 -10.28	54.61 -1.34 -9.71	56.97 -1.22 -11.18	54.72 -1.50 -10.64	56.88 -1.59 -10.39	50.10 -1.48 1.12	46.82 -1.26 6.59	67.00 -1.70 -8.14	67.17 -1.38 -13.31	58.46 -1.31 -11.11	50.23 -1.15 -8.69	39.92 -1.23 0.05	37.69 -1.01 0.05
GREENLWN_69_KV_BK 3 55738	41.96 1.65 0.00	38.17 1.08 0.00	37.77 0.88 -0.22	36.45 0.85 -0.07	36.98 0.86 -0.13	39.27 1.14 0.00	49.65 1.22 0.33	50.77 1.36 9.65	51.02 1.51 13.52	50.02 1.70 3.29	50.89 1.77 0.01	47.24 1.88 2.83	47.14 1.99 1.09	47.15 2.07 1.92	48.03 2.51 0.06	50.38 2.31 0.01	55.27 2.58 0.01	57.28 2.62 0.01	64.43 3.88 0.00	59.06 3.81 0.00	52.01 3.36 0.00	46.48 3.54 -0.25	44.82 3.63 0.00	41.18 2.44 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.80 2.27 -0.01	38.30 2.30 -0.01	40.69 2.55 -0.01	52.29 3.51 -0.01	62.79 3.72 0.00	66.68 3.66 0.00	55.27 3.66 0.00	52.92 3.78 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.69 4.10 0.00	52.46 4.38 0.00	57.54 4.85 0.00	59.53 4.87 0.00	65.95 5.39 0.00	60.39 5.14 0.00	53.38 4.72 0.00	46.96 4.27 0.00	45.37 4.16 -0.01	42.08 3.33 -0.01
GRISSOM___SOLAR 323813	41.88 1.57 0.00	38.54 1.45 0.00	38.06 1.39 0.00	36.91 1.38 0.00	37.35 1.37 0.00	39.72 1.60 0.00	50.81 2.05 0.00	61.66 2.60 0.00	65.05 2.02 0.00	52.74 1.13 0.00	49.82 0.69 0.00	48.82 0.62 0.00	47.03 0.79 0.00	48.04 1.03 0.00	46.82 1.23 0.00	49.66 1.58 0.00	54.80 2.11 0.00	57.34 2.68 0.00	63.52 2.97 0.00	57.90 2.65 0.00	51.14 2.48 0.00	44.78 2.09 0.00	43.26 2.06 0.00	40.41 1.66 0.00
GROVEVILLE___HYD 323602	42.61 2.30 0.00	39.06 1.97 0.00	38.61 1.94 0.00	37.34 1.81 0.00	37.82 1.84 0.00	40.11 1.98 0.00	51.50 2.73 0.00	62.37 3.31 0.00	66.75 3.72 0.00	54.81 3.20 0.00	52.33 3.19 0.00	51.37 3.18 0.00	49.53 3.28 0.00	50.44 3.43 0.00	49.00 3.42 0.00	51.73 3.65 0.00	56.64 3.95 0.00	58.82 4.15 0.00	65.28 4.72 0.00	59.61 4.36 0.00	52.65 3.99 0.00	46.15 3.46 0.00	44.49 3.30 0.00	41.34 2.60 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	40.03 -0.28 0.00	36.80 -0.30 0.00	36.34 -0.33 0.00	35.17 -0.36 0.00	35.66 -0.32 0.00	37.78 -0.34 0.00	48.33 -0.44 0.00	58.65 -0.41 0.00	62.65 -0.38 0.00	51.40 -0.21 0.00	48.99 -0.15 0.00	48.05 -0.14 0.00	46.15 -0.09 0.00	47.01 0.00 0.00	45.49 -0.09 0.00	47.94 -0.14 0.00	52.53 -0.16 0.00	54.39 -0.27 0.00	60.25 -0.30 0.00	55.08 -0.17 0.00	48.41 -0.24 0.00	42.44 -0.26 0.00	40.91 -0.29 0.00	38.63 -0.12 0.00
HAMLTNNY_34_KV_TB 80303	40.07 -0.24 0.00	36.80 -0.30 0.00	36.38 -0.29 0.00	35.20 -0.32 0.00	35.66 -0.32 0.00	37.78 -0.34 0.00	48.33 -0.44 0.00	58.65 -0.41 0.00	62.71 -0.32 0.00	51.35 -0.26 0.00	48.94 -0.20 0.00	48.05 -0.14 0.00	46.15 -0.09 0.00	47.01 0.00 0.00	45.49 -0.09 0.00	47.89 -0.19 0.00	52.48 -0.21 0.00	54.39 -0.27 0.00	60.25 -0.30 0.00	55.08 -0.17 0.00	48.41 -0.24 0.00	42.39 -0.30 0.00	40.87 -0.33 0.00	38.63 -0.12 0.00

HAMPSHIRE___PAPER_HYD 323593	41.40 1.09 0.00	38.17 1.08 0.00	37.62 0.95 0.00	36.37 0.85 0.00	36.96 0.97 0.00	39.19 1.07 0.00	49.93 1.17 0.00	60.72 1.65 0.00	64.67 1.64 0.00	52.54 0.93 0.00	49.82 0.69 0.00	48.67 0.48 0.00	46.52 0.28 0.00	47.10 0.09 0.00	45.54 -0.05 0.00	48.18 0.10 0.00	52.74 0.05 0.00	54.17 -0.49 0.00	60.13 -0.42 0.00	54.97 -0.27 0.00	48.32 -0.34 0.00	42.82 0.13 0.00	41.40 0.21 0.00	38.98 0.23 0.00
HARDSCRABBLE_WT_PWR 323673	40.99 0.68 0.00	37.80 0.70 0.00	37.55 0.88 0.00	36.55 1.03 0.00	37.14 1.15 0.00	39.38 1.26 0.00	50.18 1.42 0.00	60.60 1.53 0.00	64.41 1.38 0.00	52.48 0.88 0.00	50.02 0.89 0.00	48.96 0.77 0.00	46.94 0.69 0.00	47.67 0.66 0.00	46.13 0.55 0.00	48.66 0.58 0.00	53.33 0.63 0.00	55.16 0.49 0.00	61.10 0.54 0.00	55.86 0.61 0.00	49.14 0.49 0.00	43.25 0.55 0.00	41.73 0.53 0.00	39.21 0.47 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	42.57 2.26 0.00	38.98 1.89 0.00	38.54 1.87 0.00	37.30 1.78 0.00	37.79 1.80 0.00	40.07 1.94 0.00	51.50 2.73 0.00	62.37 3.31 0.00	66.50 3.47 0.00	54.70 3.10 0.00	52.28 3.14 0.00	51.33 3.13 0.00	49.48 3.24 0.00	50.35 3.34 0.00	48.91 3.33 0.00	51.64 3.56 0.00	56.64 3.95 0.00	58.88 4.21 0.00	65.34 4.78 0.00	59.61 4.36 0.00	52.65 3.99 0.00	46.19 3.50 0.00	44.49 3.30 0.00	41.34 2.60 0.00
HARSNRAD_115KV_TB1 81005	38.45 -1.85 0.00	35.42 -1.67 0.00	35.20 -1.47 0.00	33.89 -1.63 0.00	33.83 -2.16 0.00	35.23 -2.90 0.00	43.56 -5.17 0.03	52.71 -5.61 0.74	50.36 -5.67 7.00	44.79 -4.33 2.49	40.30 -4.08 4.76	37.64 -3.95 6.60	36.49 -3.51 6.24	36.39 -3.43 7.18	34.43 -3.97 7.19	35.64 -4.76 7.68	34.31 -5.69 12.69	36.72 -5.58 12.37	48.87 -5.93 5.75	43.26 -4.25 7.73	37.60 -4.14 6.92	33.68 -3.59 5.42	37.60 -3.58 0.02	36.17 -2.56 0.02
HARZA MOOSE___RIVER 24016	41.36 1.05 0.00	38.06 0.96 0.00	37.55 0.88 0.00	36.34 0.82 0.00	36.89 0.90 0.00	39.12 0.99 0.00	50.03 1.27 0.00	60.84 1.77 0.00	64.79 1.76 0.00	52.74 1.14 0.00	49.82 0.69 0.00	48.63 0.43 0.00	46.57 0.32 0.00	47.34 0.33 0.00	45.86 0.27 0.00	48.51 0.43 0.00	53.27 0.58 0.00	54.99 0.33 0.00	61.04 0.48 0.00	55.91 0.66 0.00	49.09 0.44 0.00	43.20 0.51 0.00	41.65 0.45 0.00	39.17 0.43 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	39.78 -0.52 0.00	36.54 -0.56 0.00	36.12 -0.55 0.00	34.96 -0.57 0.00	35.41 -0.58 0.00	37.51 -0.61 0.00	47.99 -0.78 0.00	58.18 -0.89 0.00	62.21 -0.82 0.00	51.04 -0.57 0.00	48.60 -0.54 0.00	47.71 -0.48 0.00	45.83 -0.42 0.00	46.68 -0.33 0.00	45.18 -0.41 0.00	47.60 -0.48 0.00	52.17 -0.53 0.00	54.07 -0.60 0.00	59.89 -0.67 0.00	54.70 -0.55 0.00	48.12 -0.54 0.00	42.14 -0.55 0.00	40.62 -0.58 0.00	38.39 -0.35 0.00
HELLGATE_13_KV_LD 55870	43.22 2.90 -0.01	39.55 2.45 -0.01	39.02 2.35 -0.01	37.77 2.24 -0.01	38.26 2.27 -0.01	40.65 2.52 -0.01	52.23 3.46 0.00	62.73 3.66 0.00	66.81 3.78 0.00	55.42 3.82 0.00	53.02 3.88 0.00	52.19 4.00 0.00	50.27 4.02 0.00	51.19 4.18 0.00	49.73 4.15 0.00	52.50 4.42 0.00	57.54 4.85 0.00	59.53 4.87 0.00	65.88 5.33 0.00	60.33 5.08 0.00	53.38 4.72 0.00	46.92 4.23 0.00	45.33 4.12 -0.01	42.04 3.29 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	43.22 2.90 -0.01	39.55 2.45 -0.01	39.02 2.35 -0.01	37.77 2.24 -0.01	38.26 2.27 -0.01	40.65 2.52 -0.01	52.23 3.46 0.00	62.73 3.66 0.00	66.81 3.78 0.00	55.42 3.82 0.00	53.02 3.88 0.00	52.19 4.00 0.00	50.27 4.02 0.00	51.19 4.18 0.00	49.73 4.15 0.00	52.50 4.42 0.00	57.54 4.85 0.00	59.53 4.87 0.00	65.88 5.33 0.00	60.33 5.08 0.00	53.38 4.72 0.00	46.92 4.23 0.00	45.33 4.12 -0.01	42.04 3.29 -0.01
HEMPSTEAD___ 23647	42.29 1.97 -0.01	38.54 1.45 0.00	37.95 1.28 0.00	36.73 1.21 0.00	37.24 1.26 0.00	39.61 1.49 0.00	50.64 2.05 0.17	56.33 2.37 5.10	58.57 2.59 7.05	52.42 2.58 1.77	51.98 2.85 0.01	49.51 2.79 1.48	48.70 2.82 0.36	49.19 3.01 0.83	48.69 3.10 0.00	51.35 3.27 0.01	56.22 3.53 0.01	58.32 3.66 0.01	65.11 4.54 -0.01	59.73 4.47 -0.01	52.61 3.94 -0.01	47.67 3.84 -1.13	44.88 3.67 -0.01	41.46 2.71 -0.01
HICKLING___1 23621	39.46 -0.85 0.00	36.24 -0.85 0.00	35.90 -0.77 0.00	34.49 -1.03 0.00	34.58 -1.40 0.00	36.33 -1.79 0.00	46.40 -2.39 -0.02	57.25 -2.24 -0.43	65.07 -2.08 -4.12	51.26 -1.81 -1.46	50.12 -1.82 -2.80	50.35 -1.73 -3.89	48.34 -1.57 -3.67	49.83 -1.41 -4.23	47.35 -2.10 -3.86	49.37 -2.07 -3.36	42.31 -2.27 8.12	40.59 -2.24 11.84	60.80 -2.54 -2.78	58.37 -2.10 -5.22	50.90 -1.75 -3.99	44.06 -1.75 -3.12	39.30 -1.85 0.05	36.84 -1.86 0.05
HICKLING___2 23622	39.46 -0.85 0.00	36.24 -0.85 0.00	35.90 -0.77 0.00	34.49 -1.03 0.00	34.58 -1.40 0.00	36.33 -1.79 0.00	46.40 -2.39 -0.02	57.25 -2.24 -0.43	65.07 -2.08 -4.12	51.26 -1.81 -1.46	50.12 -1.82 -2.80	50.35 -1.73 -3.89	48.34 -1.57 -3.67	49.83 -1.41 -4.23	47.35 -2.10 -3.86	49.37 -2.07 -3.36	42.31 -2.27 8.12	40.59 -2.24 11.84	60.80 -2.54 -2.78	58.37 -2.10 -5.22	50.90 -1.75 -3.99	44.06 -1.75 -3.12	39.30 -1.85 0.05	36.84 -1.86 0.05
HIGH FALLS___HY 23754	42.77 2.46 0.00	39.17 2.08 0.00	38.72 2.05 0.00	37.44 1.92 0.00	37.93 1.94 0.00	40.22 2.10 0.00	51.69 2.93 0.00	62.73 3.66 0.00	66.81 3.78 0.00	54.81 3.20 0.00	52.33 3.19 0.00	51.33 3.13 0.00	49.43 3.19 0.00	50.35 3.34 0.00	48.91 3.33 0.00	51.69 3.61 0.00	56.75 4.06 0.00	59.04 4.37 0.00	65.58 5.03 0.00	59.89 4.64 0.00	52.89 4.23 0.00	46.36 3.67 0.00	44.66 3.46 0.00	41.45 2.71 0.00
HIGH_RIVER___SOLAR 323847	41.68 1.37 0.00	38.35 1.26 0.00	37.88 1.21 0.00	36.73 1.21 0.00	37.17 1.19 0.00	39.54 1.41 0.00	50.52 1.75 0.00	61.31 2.24 0.00	64.54 1.51 0.00	52.33 0.72 0.00	49.43 0.30 0.00	48.48 0.29 0.00	46.80 0.56 0.00	47.76 0.75 0.00	46.54 0.96 0.00	49.38 1.30 0.00	54.43 1.74 0.00	57.02 2.35 0.00	63.22 2.66 0.00	57.68 2.43 0.00	50.90 2.24 0.00	44.57 1.88 0.00	43.05 1.86 0.00	40.21 1.47 0.00
HILLBURN___GT 23639	42.52 2.22 0.00	38.95 1.85 0.00	38.47 1.80 0.00	37.23 1.71 0.00	37.75 1.76 0.00	40.03 1.91 0.00	51.50 2.73 0.00	62.31 3.25 0.00	66.49 3.46 0.00	54.86 3.25 0.00	52.43 3.29 0.00	51.47 3.28 0.00	49.57 3.33 0.00	50.49 3.48 0.00	48.91 3.33 0.00	51.73 3.65 0.00	56.75 4.06 0.00	58.88 4.21 0.00	65.28 4.73 0.00	59.67 4.42 0.00	52.69 4.04 0.00	46.11 3.42 0.00	44.45 3.25 0.00	41.34 2.60 0.00
HILLSIDE_115KV_TB1 80332	38.90 -1.41 0.00	35.76 -1.34 0.00	35.46 -1.21 0.00	34.07 -1.46 0.00	34.19 -1.80 0.00	35.91 -2.21 0.00	45.95 -2.83 -0.01	56.68 -2.72 -0.33	63.44 -2.71 -3.12	50.44 -2.27 -1.11	48.95 -2.31 -2.12	48.97 -2.17 -2.94	47.04 -1.99 -2.78	48.38 -1.83 -3.20	45.95 -2.60 -2.96	48.00 -2.55 -2.47	41.50 -2.85 8.35	40.28 -2.73 11.65	59.62 -3.03 -2.09	56.78 -2.60 -4.13	49.59 -2.14 -3.07	43.04 -2.05 -2.40	39.01 -2.14 0.04	36.49 -2.21 0.04

HISHELDN_WT_PWR 323625	38.65 -1.65 0.00	35.50 -1.59 0.00	35.24 -1.43 0.00	33.75 -1.78 0.00	33.58 -2.41 0.00	35.07 -3.05 0.00	43.88 -4.78 0.11	51.45 -5.20 2.42	34.47 -5.48 23.08	38.94 -4.49 8.18	29.18 -4.28 15.68	22.28 -4.14 21.77	21.80 -3.88 20.56	19.56 -3.76 23.68	15.45 -4.29 25.84	15.92 -4.81 27.35	11.71 -5.53 35.45	16.36 -5.41 32.89	34.04 -5.87 20.64	20.08 -4.75 30.42	17.14 -4.23 27.29	17.53 -3.80 21.36	37.43 -3.75 0.02	35.58 -3.14 0.02
HOLTSVILLE_IC_1 23690	41.75 1.45 0.00	38.02 0.93 0.00	35.56 0.69 1.80	35.62 0.67 0.58	35.62 0.68 1.05	39.08 0.95 0.00	49.47 1.12 0.42	45.55 1.18 14.70	45.44 1.33 18.92	47.56 1.55 5.59	50.99 1.87 0.02	45.59 1.78 4.39	46.43 1.85 1.67	46.20 1.97 2.79	47.75 2.23 0.06	50.43 2.36 0.01	55.32 2.63 0.01	57.34 2.68 0.01	64.25 3.69 0.00	59.00 3.76 0.00	51.91 3.26 0.00	46.32 3.46 -0.18	44.45 3.25 0.00	41.02 2.29 0.00
HOLTSVILLE_IC_10 23699	41.96 1.65 0.00	38.17 1.08 0.00	35.78 0.84 1.73	35.78 0.82 0.56	35.81 0.83 1.01	39.23 1.11 0.00	49.67 1.32 0.41	47.20 1.48 13.35	46.22 1.58 18.39	48.73 1.76 4.63	51.23 2.11 0.02	46.25 1.98 3.92	46.65 2.03 1.63	46.44 2.16 2.73	47.94 2.41 0.06	50.67 2.59 0.01	55.58 2.90 0.01	57.66 3.00 0.01	64.61 4.06 0.00	59.33 4.09 0.00	52.20 3.55 0.00	46.57 3.67 -0.20	44.65 3.46 0.00	41.22 2.48 0.00
HOLTSVILLE_IC_2 23691	41.75 1.45 0.00	38.02 0.93 0.00	35.56 0.69 1.80	35.62 0.67 0.58	35.62 0.68 1.05	39.08 0.95 0.00	49.47 1.12 0.42	45.55 1.18 14.70	45.44 1.33 18.92	47.56 1.55 5.59	50.99 1.87 0.02	45.59 1.78 4.39	46.43 1.85 1.67	46.20 1.97 2.79	47.75 2.23 0.06	50.43 2.36 0.01	55.32 2.63 0.01	57.34 2.68 0.01	64.25 3.69 0.00	59.00 3.76 0.00	51.91 3.26 0.00	46.32 3.46 -0.18	44.45 3.25 0.00	41.02 2.29 0.00
HOLTSVILLE_IC_3 23692	41.75 1.45 0.00	38.02 0.93 0.00	35.56 0.69 1.80	35.62 0.67 0.58	35.62 0.68 1.05	39.08 0.95 0.00	49.47 1.12 0.42	45.55 1.18 14.70	45.44 1.33 18.92	47.56 1.55 5.59	50.99 1.87 0.02	45.59 1.78 4.39	46.43 1.85 1.67	46.20 1.97 2.79	47.75 2.23 0.06	50.43 2.36 0.01	55.32 2.63 0.01	57.34 2.68 0.01	64.25 3.69 0.00	59.00 3.76 0.00	51.91 3.26 0.00	46.32 3.46 -0.18	44.45 3.25 0.00	41.02 2.29 0.00
HOLTSVILLE_IC_4 23693	41.75 1.45 0.00	38.02 0.93 0.00	35.56 0.69 1.80	35.62 0.67 0.58	35.62 0.68 1.05	39.08 0.95 0.00	49.47 1.12 0.42	45.55 1.18 14.70	45.44 1.33 18.92	47.56 1.55 5.59	50.99 1.87 0.02	45.59 1.78 4.39	46.43 1.85 1.67	46.20 1.97 2.79	47.75 2.23 0.06	50.43 2.36 0.01	55.32 2.63 0.01	57.34 2.68 0.01	64.25 3.69 0.00	59.00 3.76 0.00	51.91 3.26 0.00	46.32 3.46 -0.18	44.45 3.25 0.00	41.02 2.29 0.00
HOLTSVILLE_IC_5 23694	41.75 1.45 0.00	38.02 0.93 0.00	35.56 0.69 1.80	35.62 0.67 0.58	35.62 0.68 1.05	39.08 0.95 0.00	49.47 1.12 0.42	45.55 1.18 14.70	45.44 1.33 18.92	47.56 1.55 5.59	50.99 1.87 0.02	45.59 1.78 4.39	46.43 1.85 1.67	46.20 1.97 2.79	47.75 2.23 0.06	50.43 2.36 0.01	55.32 2.63 0.01	57.34 2.68 0.01	64.25 3.69 0.00	59.00 3.76 0.00	51.91 3.26 0.00	46.32 3.46 -0.18	44.45 3.25 0.00	41.02 2.29 0.00
HOLTSVILLE_IC_6 23695	41.96 1.65 0.00	38.17 1.08 0.00	35.78 0.84 1.73	35.78 0.82 0.56	35.81 0.83 1.01	39.23 1.11 0.00	49.67 1.32 0.41	47.20 1.48 13.35	46.22 1.58 18.39	48.73 1.76 4.63	51.23 2.11 0.02	46.25 1.98 3.92	46.65 2.03 1.63	46.44 2.16 2.73	47.94 2.41 0.06	50.67 2.59 0.01	55.58 2.90 0.01	57.66 3.00 0.01	64.61 4.06 0.00	59.33 4.09 0.00	52.20 3.55 0.00	46.57 3.67 -0.20	44.65 3.46 0.00	41.22 2.48 0.00
HOLTSVILLE_IC_7 23696	41.96 1.65 0.00	38.17 1.08 0.00	35.78 0.84 1.73	35.78 0.82 0.56	35.81 0.83 1.01	39.23 1.11 0.00	49.67 1.32 0.41	47.20 1.48 13.35	46.22 1.58 18.39	48.73 1.76 4.63	51.23 2.11 0.02	46.25 1.98 3.92	46.65 2.03 1.63	46.44 2.16 2.73	47.94 2.41 0.06	50.67 2.59 0.01	55.58 2.90 0.01	57.66 3.00 0.01	64.61 4.06 0.00	59.33 4.09 0.00	52.20 3.55 0.00	46.57 3.67 -0.20	44.65 3.46 0.00	41.22 2.48 0.00
HOLTSVILLE_IC_8 23697	41.96 1.65 0.00	38.17 1.08 0.00	35.78 0.84 1.73	35.78 0.82 0.56	35.81 0.83 1.01	39.23 1.11 0.00	49.67 1.32 0.41	47.20 1.48 13.35	46.22 1.58 18.39	48.73 1.76 4.63	51.23 2.11 0.02	46.25 1.98 3.92	46.65 2.03 1.63	46.44 2.16 2.73	47.94 2.41 0.06	50.67 2.59 0.01	55.58 2.90 0.01	57.66 3.00 0.01	64.61 4.06 0.00	59.33 4.09 0.00	52.20 3.55 0.00	46.57 3.67 -0.20	44.65 3.46 0.00	41.22 2.48 0.00
HOLTSVILLE_IC_9 23698	41.96 1.65 0.00	38.17 1.08 0.00	35.78 0.84 1.73	35.78 0.82 0.56	35.81 0.83 1.01	39.23 1.11 0.00	49.67 1.32 0.41	47.20 1.48 13.35	46.22 1.58 18.39	48.73 1.76 4.63	51.23 2.11 0.02	46.25 1.98 3.92	46.65 2.03 1.63	46.44 2.16 2.73	47.94 2.41 0.06	50.67 2.59 0.01	55.58 2.90 0.01	57.66 3.00 0.01	64.61 4.06 0.00	59.33 4.09 0.00	52.20 3.55 0.00	46.57 3.67 -0.20	44.65 3.46 0.00	41.22 2.48 0.00
HOMER_HL_115KV_TB2 355744	38.54 -1.77 0.00	35.46 -1.63 0.00	35.20 -1.47 0.00	33.78 -1.74 0.00	33.79 -2.20 0.00	35.26 -2.86 0.00	46.05 -2.68 0.03	56.54 -1.83 0.70	54.54 -1.83 6.66	47.80 -1.44 2.36	43.13 -1.47 4.53	40.51 -1.40 6.29	39.15 -1.16 5.94	39.13 -1.03 6.84	40.39 -3.01 2.19	43.02 -2.45 2.61	41.43 -2.95 8.32	41.99 -2.68 9.99	55.42 -3.27 1.87	50.59 -3.04 1.62	45.10 -1.85 1.71	39.56 -1.79 1.34	39.24 -1.94 0.02	35.74 -2.98 0.02
HOWARD_WT_PWR 323690	39.38 -0.93 0.00	36.02 -1.08 0.00	35.57 -1.10 0.00	33.93 -1.60 0.00	33.65 -2.34 0.00	35.22 -2.90 0.00	44.55 -4.34 -0.13	57.17 -4.73 -2.83	85.11 -4.98 -27.06	56.81 -4.39 -9.59	63.14 -4.37 -18.38	69.42 -4.29 -25.52	66.19 -4.16 -24.11	70.74 -4.04 -27.77	63.90 -4.15 -22.47	66.67 -4.23 -22.82	60.74 -4.58 -12.64	56.22 -4.54 -6.09	73.09 -5.03 -17.56	78.89 -4.37 -28.01	69.16 -3.75 -24.25	58.04 -3.63 -18.97	37.49 -3.67 0.04	35.44 -3.25 0.04
HQ_GEN_CEDARS 23644	41.11 0.81 0.00	37.91 0.82 0.00	37.44 0.77 0.00	36.27 0.75 0.00	36.74 0.76 0.00	38.96 0.84 0.00	49.84 1.07 0.00	60.37 1.30 0.00	64.48 1.45 0.00	52.59 0.98 0.00	50.12 0.98 0.00	49.11 0.92 0.00	46.94 0.69 0.00	47.48 0.47 0.00	45.95 0.36 0.00	48.46 0.38 0.00	53.01 0.32 0.00	54.94 0.27 0.00	60.68 0.12 0.00	55.25 0.00 0.00	48.66 0.00 0.00	42.86 0.17 0.00	41.45 0.25 0.00	38.97 0.23 0.00
HQ_GEN_CEDARS_PROXY 323590	41.11 0.81 0.00	37.91 0.82 0.00	37.44 0.77 0.00	36.27 0.75 0.00	36.74 0.76 0.00	38.96 0.84 0.00	49.74 0.97 0.00	60.36 1.30 0.00	64.48 1.45 0.00	52.58 0.98 0.00	50.07 0.93 0.00	49.11 0.91 0.00	46.94 0.69 0.00	47.48 0.47 0.00	45.95 0.36 0.00	48.46 0.38 0.00	53.01 0.32 0.00	54.94 0.27 0.00	60.74 0.18 0.00	55.25 0.00 0.00	48.66 0.00 0.00	43.47 0.13 -0.65	40.76 0.21 0.65	38.98 0.23 0.00

HQ_GEN_IMPORT 323601	40.47 0.16 0.00	37.28 0.19 0.00	36.85 0.18 0.00	35.67 0.14 0.00	36.17 0.18 0.00	38.32 0.19 0.00	49.01 0.25 0.00	59.36 0.30 0.00	63.41 0.38 0.00	51.81 0.21 0.00	49.33 0.20 0.00	48.39 0.19 0.00	46.33 0.09 0.00	47.01 0.00 0.00	45.54 -0.05 0.00	48.03 -0.05 0.00	52.59 -0.11 0.00	54.50 -0.16 0.00	60.37 -0.18 0.00	54.97 -0.27 0.00	48.46 -0.19 0.00	43.21 -0.13 -0.65	40.43 -0.12 0.65	38.63 -0.12 0.00
HQ_GEN_WHEEL 23651	40.47 0.16 0.00	37.28 0.19 0.00	36.85 0.18 0.00	35.67 0.14 0.00	36.17 0.18 0.00	38.32 0.19 0.00	49.01 0.25 0.00	59.36 0.30 0.00	63.41 0.38 0.00	51.81 0.21 0.00	49.33 0.20 0.00	48.39 0.19 0.00	46.33 0.09 0.00	47.01 0.00 0.00	45.54 -0.05 0.00	48.03 -0.05 0.00	52.59 -0.11 0.00	54.50 -0.16 0.00	60.37 -0.18 0.00	54.97 -0.27 0.00	48.46 -0.19 0.00	43.21 -0.13 -0.65	40.43 -0.12 0.65	38.63 -0.12 0.00
HUDSON AVE_GT_3 23810	42.89 2.58 0.00	39.21 2.11 0.00	38.69 2.02 0.00	37.48 1.95 0.00	37.97 1.98 0.00	40.34 2.21 0.00	51.94 3.17 0.00	62.79 3.72 0.00	67.06 4.03 0.00	55.42 3.82 0.00	52.97 3.83 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.05 4.04 0.00	49.64 4.06 0.00	52.36 4.28 0.00	57.38 4.69 0.00	59.42 4.76 0.00	65.95 5.39 0.00	60.28 5.03 0.00	53.28 4.62 0.00	46.71 4.01 0.00	45.03 3.83 0.00	41.72 2.98 0.00
HUDSON AVE_GT_4 23540	42.89 2.58 0.00	39.21 2.11 0.00	38.69 2.02 0.00	37.48 1.95 0.00	37.97 1.98 0.00	40.34 2.21 0.00	51.94 3.17 0.00	62.79 3.72 0.00	67.06 4.03 0.00	55.42 3.82 0.00	52.97 3.83 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.05 4.04 0.00	49.64 4.06 0.00	52.36 4.28 0.00	57.38 4.69 0.00	59.42 4.76 0.00	65.95 5.39 0.00	60.28 5.03 0.00	53.28 4.62 0.00	46.71 4.01 0.00	45.03 3.83 0.00	41.72 2.98 0.00
HUDSON AVE_GT_5 23657	42.89 2.58 0.00	39.21 2.11 0.00	38.69 2.02 0.00	37.48 1.95 0.00	37.97 1.98 0.00	40.34 2.21 0.00	51.94 3.17 0.00	62.79 3.72 0.00	67.06 4.03 0.00	55.42 3.82 0.00	52.97 3.83 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.05 4.04 0.00	49.64 4.06 0.00	52.36 4.28 0.00	57.38 4.69 0.00	59.42 4.76 0.00	65.95 5.39 0.00	60.28 5.03 0.00	53.28 4.62 0.00	46.71 4.01 0.00	45.03 3.83 0.00	41.72 2.98 0.00
HUDSON_AVE_10 24168	42.77 2.46 0.00	39.13 2.04 0.00	38.61 1.94 0.00	37.37 1.85 0.00	37.86 1.87 0.00	40.22 2.10 0.00	51.84 3.07 0.00	62.73 3.66 0.00	66.94 3.91 0.00	55.37 3.77 0.00	52.87 3.73 0.00	52.00 3.81 0.00	50.03 3.79 0.00	50.96 3.95 0.00	49.55 3.97 0.00	52.26 4.18 0.00	57.33 4.64 0.00	59.37 4.70 0.00	65.82 5.27 0.00	60.17 4.92 0.00	53.23 4.57 0.00	46.62 3.93 0.00	44.95 3.75 0.00	41.69 2.94 0.00
HUDSON___115KV_TB 4 355613	41.28 0.97 0.00	38.06 0.96 0.00	37.66 0.99 0.00	36.52 0.99 0.00	36.92 0.94 0.00	39.08 0.95 0.00	49.99 1.22 0.00	60.54 1.48 0.00	64.29 1.26 0.00	52.43 0.83 0.00	49.68 0.54 0.00	48.72 0.53 0.00	46.80 0.55 0.00	47.62 0.61 0.00	46.41 0.82 0.00	49.14 1.06 0.00	54.11 1.42 0.00	56.58 1.91 0.00	62.74 2.18 0.00	57.18 1.93 0.00	50.46 1.80 0.00	44.23 1.54 0.00	42.76 1.57 0.00	39.94 1.20 0.00
HUNTER MOUNT___DRP 323613	41.28 0.97 0.00	38.09 1.00 0.00	37.70 1.03 0.00	36.55 1.03 0.00	36.96 0.97 0.00	39.08 0.95 0.00	49.99 1.22 0.00	60.60 1.54 0.00	64.29 1.26 0.00	52.28 0.67 0.00	49.58 0.44 0.00	48.58 0.39 0.00	46.61 0.37 0.00	47.48 0.47 0.00	46.31 0.73 0.00	48.99 0.91 0.00	54.01 1.32 0.00	56.58 1.91 0.00	62.80 2.24 0.00	57.13 1.88 0.00	50.46 1.80 0.00	44.23 1.54 0.00	42.72 1.52 0.00	39.94 1.20 0.00
HUNTINGTON_RES_REC 323705	41.92 1.61 0.00	38.13 1.04 0.00	34.25 0.84 3.27	35.29 0.82 1.05	34.92 0.83 1.90	39.23 1.11 0.00	49.53 1.22 0.46	42.47 1.30 17.90	42.29 1.45 22.19	46.16 1.65 7.10	50.99 1.87 0.01	44.69 1.88 5.38	46.17 1.94 2.02	45.77 2.07 3.30	47.85 2.32 0.06	50.48 2.40 0.01	55.37 2.69 0.01	57.45 2.79 0.01	64.31 3.76 0.00	59.05 3.81 0.00	51.91 3.26 0.00	46.45 3.54 -0.21	44.57 3.38 0.00	41.18 2.44 0.00
HUNTLEY___63 23557	38.45 -1.85 0.00	35.42 -1.67 0.00	35.24 -1.43 0.00	33.85 -1.67 0.00	33.79 -2.20 0.00	35.15 -2.97 0.00	43.66 -5.07 0.03	53.16 -5.14 0.77	50.54 -5.17 7.32	45.09 -3.92 2.59	40.48 -3.69 4.97	37.73 -3.57 6.90	36.53 -3.19 6.52	36.40 -3.10 7.51	34.56 -3.78 7.24	35.87 -4.42 7.79	34.30 -5.32 13.07	36.69 -5.19 12.78	49.10 -5.63 5.82	43.56 -4.03 7.66	37.86 -3.84 6.95	33.92 -3.33 5.44	37.68 -3.50 0.02	36.01 -2.71 0.02
HUNTLEY___64 23558	38.45 -1.85 0.00	35.42 -1.67 0.00	35.24 -1.43 0.00	33.85 -1.67 0.00	33.79 -2.20 0.00	35.15 -2.97 0.00	43.66 -5.07 0.03	53.16 -5.14 0.77	50.54 -5.17 7.32	45.09 -3.92 2.59	40.48 -3.69 4.97	37.73 -3.57 6.90	36.53 -3.19 6.52	36.40 -3.10 7.51	34.56 -3.78 7.24	35.87 -4.42 7.79	34.30 -5.32 13.07	36.69 -5.19 12.78	49.10 -5.63 5.82	43.56 -4.03 7.66	37.86 -3.84 6.95	33.92 -3.33 5.44	37.68 -3.50 0.02	36.01 -2.71 0.02
HUNTLEY___65 23559	38.45 -1.85 0.00	35.42 -1.67 0.00	35.24 -1.43 0.00	33.85 -1.67 0.00	33.79 -2.20 0.00	35.15 -2.97 0.00	43.66 -5.07 0.03	53.16 -5.14 0.77	50.54 -5.17 7.32	45.09 -3.92 2.59	40.48 -3.69 4.97	37.73 -3.57 6.90	36.53 -3.19 6.52	36.40 -3.10 7.51	34.56 -3.78 7.24	35.87 -4.42 7.79	34.30 -5.32 13.07	36.69 -5.19 12.78	49.10 -5.63 5.82	43.56 -4.03 7.66	37.86 -3.84 6.95	33.92 -3.33 5.44	37.68 -3.50 0.02	36.01 -2.71 0.02
HUNTLEY___66 23560	38.45 -1.85 0.00	35.42 -1.67 0.00	35.24 -1.43 0.00	33.85 -1.67 0.00	33.79 -2.20 0.00	35.15 -2.97 0.00	43.66 -5.07 0.03	53.16 -5.14 0.77	50.54 -5.17 7.32	45.09 -3.92 2.59	40.48 -3.69 4.97	37.73 -3.57 6.90	36.53 -3.19 6.52	36.40 -3.10 7.51	34.56 -3.78 7.24	35.87 -4.42 7.79	34.30 -5.32 13.07	36.69 -5.19 12.78	49.10 -5.63 5.82	43.56 -4.03 7.66	37.86 -3.84 6.95	33.92 -3.33 5.44	37.68 -3.50 0.02	36.01 -2.71 0.02
HUNTLEY___67 23561	38.25 -2.06 0.00	35.20 -1.89 0.00	35.02 -1.65 0.00	33.68 -1.85 0.00	33.61 -2.38 0.00	35.00 -3.13 0.00	43.66 -5.07 0.03	52.80 -5.49 0.77	50.13 -5.55 7.35	44.72 -4.28 2.60	40.06 -4.08 4.99	37.31 -3.95 6.94	36.18 -3.51 6.55	36.03 -3.43 7.55	34.34 -4.10 7.14	35.63 -4.71 7.73	33.95 -5.59 13.16	36.29 -5.52 12.86	48.84 -5.93 5.78	43.43 -4.42 7.40	37.71 -4.14 6.81	33.77 -3.59 5.34	37.72 -3.46 0.02	35.94 -2.79 0.02
HUNTLEY___68 23562	38.25 -2.06 0.00	35.20 -1.89 0.00	35.02 -1.65 0.00	33.68 -1.85 0.00	33.61 -2.38 0.00	35.00 -3.13 0.00	43.66 -5.07 0.03	52.80 -5.49 0.77	50.13 -5.55 7.35	44.72 -4.28 2.60	40.06 -4.08 4.99	37.31 -3.95 6.94	36.18 -3.51 6.55	36.03 -3.43 7.55	34.34 -4.10 7.14	35.63 -4.71 7.73	33.95 -5.59 13.16	36.29 -5.52 12.86	48.84 -5.93 5.78	43.43 -4.42 7.40	37.71 -4.14 6.81	33.77 -3.59 5.34	37.72 -3.46 0.02	35.94 -2.79 0.02

HYLAND___LFGE 323620	40.87 0.56 0.00	37.50 0.41 0.00	37.11 0.44 0.00	35.70 0.18 0.00	35.88 -0.11 0.00	37.86 -0.27 0.00	48.25 -0.64 -0.12	61.36 -0.29 -2.59	87.00 -0.75 -24.72	59.02 -1.34 -8.76	64.21 -1.72 -16.79	69.58 -1.93 -23.32	66.46 -1.80 -22.03	70.73 -1.65 -25.37	69.18 -1.55 -25.14	72.17 -1.83 -25.91	72.16 -1.48 -20.94	69.36 -0.88 -15.57	80.24 -0.12 -19.80	86.50 0.22 -31.03	75.58 -0.29 -27.21	63.60 -0.38 -21.30	40.68 -0.49 0.03	38.49 -0.23 0.03
INDECK___CORINTH 23802	41.11 0.81 0.00	37.83 0.74 0.00	37.36 0.69 0.00	36.27 0.75 0.00	36.71 0.72 0.00	39.00 0.88 0.00	49.64 0.88 0.00	60.19 1.12 0.00	63.85 0.82 0.00	52.28 0.67 0.00	49.58 0.44 0.00	48.48 0.29 0.00	46.52 0.28 0.00	47.43 0.42 0.00	46.18 0.59 0.00	48.85 0.77 0.00	53.75 1.05 0.00	56.14 1.48 0.00	62.07 1.51 0.00	56.52 1.27 0.00	50.11 1.46 0.00	43.89 1.19 0.00	42.48 1.28 0.00	39.67 0.93 0.00
INDECK___ILION 23567	40.83 0.52 0.00	37.58 0.48 0.00	37.26 0.59 0.00	36.16 0.64 0.00	36.67 0.68 0.00	38.89 0.76 0.00	49.64 0.88 0.00	60.07 1.00 0.00	63.91 0.88 0.00	52.23 0.62 0.00	49.73 0.59 0.00	48.77 0.58 0.00	46.80 0.55 0.00	47.57 0.56 0.00	46.09 0.50 0.00	48.66 0.58 0.00	53.32 0.63 0.00	55.21 0.55 0.00	61.22 0.67 0.00	55.91 0.66 0.00	49.19 0.54 0.00	43.20 0.51 0.00	41.69 0.49 0.00	39.17 0.43 0.00
INDECK___OLEAN 23982	38.58 -1.73 0.00	35.46 -1.63 0.00	35.20 -1.47 0.00	33.78 -1.74 0.00	33.79 -2.20 0.00	35.30 -2.82 0.00	45.71 -3.02 0.03	56.71 -1.65 0.70	54.53 -1.83 6.66	47.75 -1.50 2.36	43.14 -1.47 4.53	40.51 -1.40 6.29	39.15 -1.15 5.94	39.13 -1.03 6.84	39.61 -3.78 2.19	43.02 -2.45 2.61	40.46 -2.95 9.28	41.99 -2.68 9.99	55.42 -3.27 1.87	50.49 -3.15 1.62	45.16 -1.80 1.70	38.75 -2.61 1.33	38.37 -2.80 0.02	35.74 -2.98 0.02
INDECK___OSWEGO 23783	39.42 -0.89 0.00	36.24 -0.85 0.00	35.79 -0.88 0.00	34.64 -0.89 0.00	35.12 -0.86 0.00	37.21 -0.92 0.00	47.55 -1.22 0.00	57.65 -1.42 0.00	61.52 -1.51 0.00	50.42 -1.18 0.00	48.01 -1.13 0.00	47.09 -1.11 0.00	45.22 -1.02 0.00	46.02 -0.99 0.00	44.63 -0.96 0.00	47.02 -1.06 0.00	51.53 -1.16 0.00	53.41 -1.26 0.00	59.22 -1.33 0.00	54.09 -1.16 0.00	47.59 -1.07 0.00	41.75 -0.94 0.00	40.25 -0.95 0.00	38.00 -0.74 0.00
INDECK___YERKES 23781	38.50 -1.81 0.00	35.42 -1.67 0.00	35.24 -1.43 0.00	33.89 -1.63 0.00	33.83 -2.16 0.00	35.26 -2.86 0.00	43.86 -4.88 0.03	52.92 -5.37 0.77	50.54 -5.17 7.32	45.04 -3.97 2.59	40.53 -3.64 4.97	37.78 -3.52 6.90	36.58 -3.15 6.52	36.44 -3.05 7.51	35.06 -3.28 7.24	35.87 -4.42 7.79	34.09 -5.27 13.34	36.74 -5.14 12.78	49.28 -5.45 5.82	43.67 -3.92 7.66	37.92 -3.80 6.94	34.10 -3.16 5.43	37.80 -3.38 0.02	36.05 -2.67 0.02
INDIAN POINT_GT_1 24139	42.45 2.14 0.00	38.87 1.78 0.00	38.39 1.72 0.00	37.16 1.63 0.00	37.68 1.69 0.00	39.95 1.83 0.00	51.35 2.58 0.00	62.14 3.07 0.00	66.37 3.34 0.00	54.70 3.10 0.00	52.28 3.14 0.00	51.37 3.18 0.00	49.48 3.24 0.00	50.35 3.34 0.00	48.96 3.37 0.00	51.69 3.61 0.00	56.64 3.95 0.00	58.71 4.05 0.00	65.16 4.60 0.00	59.50 4.25 0.00	52.60 3.94 0.00	46.11 3.42 0.00	44.45 3.25 0.00	41.26 2.52 0.00
INDIAN POINT_GT_2 23659	42.45 2.14 0.00	38.87 1.78 0.00	38.39 1.72 0.00	37.16 1.63 0.00	37.68 1.69 0.00	39.95 1.83 0.00	51.35 2.58 0.00	62.14 3.07 0.00	66.37 3.34 0.00	54.70 3.10 0.00	52.28 3.14 0.00	51.37 3.18 0.00	49.48 3.24 0.00	50.35 3.34 0.00	48.96 3.37 0.00	51.69 3.61 0.00	56.64 3.95 0.00	58.71 4.05 0.00	65.16 4.60 0.00	59.50 4.25 0.00	52.60 3.94 0.00	46.11 3.42 0.00	44.45 3.25 0.00	41.26 2.52 0.00
INDIAN POINT_GT_3 24019	42.45 2.14 0.00	38.87 1.78 0.00	38.39 1.72 0.00	37.16 1.63 0.00	37.68 1.69 0.00	39.95 1.83 0.00	51.35 2.58 0.00	62.14 3.07 0.00	66.37 3.34 0.00	54.70 3.10 0.00	52.28 3.14 0.00	51.37 3.18 0.00	49.48 3.24 0.00	50.35 3.34 0.00	48.96 3.37 0.00	51.69 3.61 0.00	56.64 3.95 0.00	58.71 4.05 0.00	65.16 4.60 0.00	59.50 4.25 0.00	52.60 3.94 0.00	46.11 3.42 0.00	44.45 3.25 0.00	41.26 2.52 0.00
INDIAN POINT___2 23530	42.44 2.13 0.00	38.87 1.78 0.00	38.39 1.72 0.00	37.16 1.63 0.00	37.64 1.66 0.00	39.95 1.83 0.00	51.35 2.58 0.00	62.14 3.07 0.00	66.30 3.28 0.00	54.70 3.10 0.00	52.28 3.15 0.00	51.32 3.13 0.00	49.43 3.19 0.00	50.35 3.34 0.00	48.78 3.19 0.00	51.64 3.56 0.00	56.59 3.90 0.00	58.65 3.99 0.00	65.04 4.48 0.00	59.44 4.20 0.00	52.55 3.89 0.00	45.98 3.29 0.00	44.33 3.13 0.00	41.26 2.52 0.00
INDIAN POINT___3 23531	42.45 2.14 0.00	38.87 1.78 0.00	38.39 1.72 0.00	37.16 1.63 0.00	37.64 1.66 0.00	39.99 1.87 0.00	51.40 2.63 0.00	62.14 3.07 0.00	66.37 3.34 0.00	54.70 3.10 0.00	52.28 3.14 0.00	51.37 3.18 0.00	49.48 3.24 0.00	50.35 3.34 0.00	48.96 3.37 0.00	51.64 3.56 0.00	56.64 3.95 0.00	58.71 4.05 0.00	65.16 4.60 0.00	59.56 4.31 0.00	52.60 3.94 0.00	46.11 3.42 0.00	44.45 3.25 0.00	41.26 2.52 0.00
INGHAM_C_115KV_TB7 356103	41.44 1.13 0.00	38.21 1.11 0.00	37.92 1.25 0.00	36.91 1.39 0.00	37.50 1.51 0.00	39.73 1.60 0.00	50.57 1.80 0.00	61.13 2.07 0.00	64.98 1.95 0.00	52.95 1.34 0.00	50.46 1.33 0.00	49.45 1.25 0.00	47.40 1.16 0.00	48.14 1.13 0.00	46.63 1.05 0.00	49.19 1.11 0.00	53.85 1.16 0.00	55.71 1.04 0.00	61.77 1.21 0.00	56.46 1.22 0.00	49.68 1.02 0.00	43.72 1.02 0.00	42.19 0.99 0.00	39.63 0.89 0.00
IP CORINTH___1 23988	41.36 1.05 0.00	38.06 0.96 0.00	37.59 0.92 0.00	36.48 0.96 0.00	36.89 0.90 0.00	39.23 1.11 0.00	49.94 1.17 0.00	60.54 1.48 0.00	64.23 1.20 0.00	52.54 0.93 0.00	49.82 0.69 0.00	48.77 0.58 0.00	46.80 0.55 0.00	47.67 0.66 0.00	46.50 0.91 0.00	49.09 1.01 0.00	54.01 1.32 0.00	56.42 1.75 0.00	62.43 1.88 0.00	56.85 1.60 0.00	50.41 1.75 0.00	44.14 1.45 0.00	42.72 1.52 0.00	39.90 1.16 0.00
IP___TICONDEROGA 23804	42.49 2.18 0.00	39.13 2.04 0.00	38.65 1.98 0.00	37.48 1.95 0.00	37.86 1.87 0.00	40.34 2.21 0.00	51.35 2.58 0.00	62.31 3.25 0.00	65.80 2.77 0.00	53.77 2.17 0.00	50.86 1.72 0.00	49.69 1.49 0.00	47.58 1.34 0.00	48.51 1.50 0.00	47.27 1.69 0.00	49.96 1.88 0.00	55.17 2.48 0.00	58.06 3.39 0.00	64.31 3.75 0.00	58.45 3.20 0.00	51.82 3.16 0.00	45.30 2.60 0.00	43.92 2.72 0.00	40.87 2.13 0.00
ISLIP_RES_REC 323679	42.12 1.82 0.00	38.28 1.19 0.00	36.12 0.99 1.54	35.95 0.92 0.50	36.06 0.97 0.90	39.34 1.22 0.00	49.83 1.46 0.40	47.69 1.71 13.09	47.01 1.83 17.85	48.95 1.96 4.62	51.43 2.31 0.01	46.51 2.17 3.86	46.90 2.22 1.56	46.72 2.35 2.63	48.08 2.55 0.06	50.86 2.79 0.01	55.85 3.16 0.01	57.94 3.28 0.01	64.91 4.36 0.00	59.61 4.36 0.00	52.45 3.80 0.00	46.76 3.84 -0.22	44.82 3.63 0.00	41.33 2.60 0.00

JAMAICA__27_KV_LOAD 355505	42.93 2.62 0.00	39.21 2.11 0.00	38.69 2.02 0.00	37.44 1.92 0.00	37.97 1.98 0.00	40.34 2.21 0.00	52.13 3.36 0.00	63.02 3.96 0.00	67.25 4.22 0.00	55.68 4.08 0.00	53.12 3.98 0.00	52.19 4.00 0.00	50.27 4.02 0.00	51.19 4.18 0.00	49.78 4.19 0.00	52.55 4.47 0.00	57.70 5.01 0.00	59.75 5.08 0.00	66.13 5.57 0.00	60.50 5.25 0.00	53.57 4.91 0.00	46.92 4.23 0.00	45.24 4.04 0.00	41.84 3.10 0.00
JANIS__SOLAR 323808	41.60 1.29 0.00	38.24 1.15 0.00	37.81 1.14 0.00	36.52 0.99 0.00	37.03 1.04 0.00	39.34 1.22 0.00	50.38 1.61 -0.01	61.50 2.24 -0.19	67.01 2.20 -1.78	53.63 1.39 -0.63	51.42 1.08 -1.21	50.64 0.77 -1.67	48.56 0.74 -1.58	49.63 0.80 -1.82	47.94 0.64 -1.71	51.51 0.91 -2.52	66.91 1.37 -12.85	74.56 1.59 -18.30	64.10 1.88 -1.67	59.61 2.10 -2.26	53.06 1.70 -2.70	46.05 1.24 -2.12	42.31 1.07 -0.04	39.83 1.05 -0.04
JARVIS____ 23743	40.43 0.12 0.00	37.20 0.11 0.00	36.78 0.11 0.00	35.63 0.11 0.00	36.09 0.11 0.00	38.24 0.11 0.00	48.91 0.15 0.00	59.24 0.18 0.00	63.16 0.13 0.00	51.71 0.10 0.00	49.23 0.10 0.00	48.29 0.10 0.00	46.38 0.14 0.00	47.15 0.14 0.00	45.77 0.18 0.00	48.27 0.19 0.00	52.96 0.26 0.00	54.94 0.27 0.00	60.86 0.30 0.00	55.58 0.33 0.00	48.95 0.29 0.00	42.91 0.21 0.00	41.40 0.21 0.00	38.94 0.19 0.00
JENNISON____1 23625	41.72 1.41 0.00	38.35 1.26 0.00	37.92 1.25 0.00	36.62 1.10 0.00	37.07 1.08 0.00	39.34 1.22 0.00	50.38 1.61 0.00	61.31 2.24 0.00	65.36 2.33 0.00	53.36 1.75 0.00	50.76 1.62 0.00	49.64 1.45 0.00	47.63 1.39 0.00	48.42 1.41 0.00	46.78 1.19 -0.01	49.75 1.44 -0.23	56.94 1.69 -2.57	61.73 2.08 -4.99	63.02 2.36 -0.10	57.75 2.49 -0.02	50.97 2.09 -0.23	44.24 1.37 -0.18	42.44 1.24 -0.01	39.84 1.08 -0.01
JENNISON____2 23626	41.72 1.41 0.00	38.35 1.26 0.00	37.92 1.25 0.00	36.62 1.10 0.00	37.07 1.08 0.00	39.34 1.22 0.00	50.38 1.61 0.00	61.31 2.24 0.00	65.36 2.33 0.00	53.36 1.75 0.00	50.76 1.62 0.00	49.64 1.45 0.00	47.63 1.39 0.00	48.42 1.41 0.00	46.78 1.19 -0.01	49.75 1.44 -0.23	56.94 1.69 -2.57	61.73 2.08 -4.99	63.02 2.36 -0.10	57.75 2.49 -0.02	50.97 2.09 -0.23	44.24 1.37 -0.18	42.44 1.24 -0.01	39.84 1.08 -0.01
JERICOHO_RISE_WT_PWR 323719	40.27 -0.04 0.00	37.13 0.04 0.00	36.71 0.04 0.00	35.56 0.04 0.00	36.06 0.07 0.00	38.35 0.23 0.00	49.06 0.29 0.00	59.54 0.47 0.00	63.66 0.63 0.00	51.92 0.31 0.00	49.23 0.10 0.00	48.19 0.00 0.00	45.92 -0.32 0.00	46.30 -0.70 0.00	44.67 -0.91 0.00	47.02 -1.06 0.00	51.38 -1.32 0.00	53.24 -1.42 0.00	58.74 -1.82 0.00	53.26 -1.99 0.00	47.00 -1.65 0.00	41.41 -1.28 0.00	40.00 -1.20 0.00	37.62 -1.12 0.00
KATONAH__115KV_46KV_TB4 355592	42.57 2.26 0.00	39.02 1.93 0.00	38.54 1.87 0.00	37.34 1.81 0.00	37.79 1.80 0.00	40.07 1.94 0.00	51.50 2.73 0.00	62.26 3.19 0.00	66.62 3.59 0.00	54.91 3.30 0.00	52.48 3.34 0.00	51.57 3.37 0.00	49.66 3.42 0.00	50.58 3.57 0.00	49.14 3.56 0.00	51.93 3.85 0.00	56.96 4.27 0.00	58.93 4.26 0.00	65.34 4.78 0.00	59.72 4.48 0.00	52.79 4.14 0.00	46.24 3.54 0.00	44.58 3.38 0.00	41.38 2.63 0.00
KCE_NY_1 323755	41.76 1.45 0.00	38.43 1.33 0.00	37.95 1.28 0.00	36.84 1.32 0.00	37.24 1.26 0.00	39.54 1.41 0.00	50.57 1.81 0.00	61.19 2.12 0.00	65.05 2.02 0.00	53.26 1.65 0.00	50.56 1.43 0.00	49.49 1.30 0.00	47.53 1.29 0.00	48.42 1.41 0.00	47.14 1.55 0.00	49.86 1.78 0.00	54.80 2.11 0.00	57.13 2.46 0.00	63.22 2.66 0.00	57.57 2.32 0.00	50.90 2.24 0.00	44.57 1.88 0.00	43.09 1.90 0.00	40.29 1.55 0.00
KCE_NY_6_ESR 323823	38.58 -1.73 0.00	35.50 -1.59 0.00	35.28 -1.39 0.00	33.89 -1.63 0.00	33.79 -2.20 0.00	35.26 -2.86 0.00	44.34 -4.39 0.04	53.72 -4.43 0.91	49.77 -4.60 8.67	44.92 -3.61 3.07	39.91 -3.34 5.89	36.79 -3.23 8.17	35.61 -2.91 7.72	35.30 -2.82 8.89	33.60 -3.60 8.39	34.93 -4.14 9.01	32.70 -4.90 15.09	35.47 -4.70 14.49	48.66 -5.15 6.75	42.24 -3.98 9.03	36.96 -3.50 8.19	33.08 -3.20 6.41	38.05 -3.13 0.02	36.01 -2.71 0.02
KEDC PORT_JEFF_GT2 24210	41.92 1.61 0.00	38.13 1.04 0.00	35.55 0.81 1.93	35.68 0.78 0.62	35.66 0.79 1.12	39.19 1.07 0.00	49.61 1.27 0.42	45.58 1.42 14.90	45.44 1.51 19.10	47.61 1.70 5.69	51.14 2.02 0.02	45.67 1.93 4.46	46.54 1.99 1.69	46.36 2.16 2.81	47.94 2.41 0.06	50.57 2.50 0.01	55.53 2.84 0.01	57.61 2.95 0.01	64.55 4.00 0.00	59.22 3.98 0.00	52.11 3.45 0.00	46.51 3.63 -0.19	44.61 3.42 0.00	41.18 2.44 0.00
KEDC PORT_JEFF_GT3 24211	41.92 1.61 0.00	38.13 1.04 0.00	35.55 0.81 1.93	35.68 0.78 0.62	35.66 0.79 1.12	39.19 1.07 0.00	49.61 1.27 0.42	45.58 1.42 14.90	45.44 1.51 19.10	47.61 1.70 5.69	51.14 2.02 0.02	45.67 1.93 4.46	46.54 1.99 1.69	46.36 2.16 2.81	47.94 2.41 0.06	50.57 2.50 0.01	55.53 2.84 0.01	57.61 2.95 0.01	64.55 4.00 0.00	59.22 3.98 0.00	52.11 3.45 0.00	46.51 3.63 -0.19	44.61 3.42 0.00	41.18 2.44 0.00
KEDC_GLWD_GT4 24219	42.57 2.26 -0.01	38.87 1.78 0.00	38.32 1.65 0.00	37.08 1.56 0.00	37.56 1.58 0.00	39.95 1.83 0.00	51.23 2.58 0.12	58.66 3.01 3.42	61.58 3.28 4.72	53.57 3.15 1.19	52.47 3.34 0.01	50.53 3.32 0.99	49.35 3.33 0.22	49.94 3.48 0.54	49.10 3.51 0.00	51.83 3.75 0.00	56.80 4.11 0.00	58.87 4.21 0.00	65.53 4.97 -0.01	60.06 4.80 -0.01	52.95 4.28 -0.01	47.76 3.97 -1.09	44.96 3.75 -0.01	41.62 2.87 -0.01
KEDC_GLWD_GT5 24220	42.57 2.26 -0.01	38.87 1.78 0.00	38.32 1.65 0.00	37.08 1.56 0.00	37.56 1.58 0.00	39.95 1.83 0.00	51.23 2.58 0.12	58.66 3.01 3.42	61.58 3.28 4.72	53.57 3.15 1.19	52.47 3.34 0.01	50.53 3.32 0.99	49.35 3.33 0.22	49.94 3.48 0.54	49.10 3.51 0.00	51.83 3.75 0.00	56.80 4.11 0.00	58.87 4.21 0.00	65.53 4.97 -0.01	60.06 4.80 -0.01	52.95 4.28 -0.01	47.76 3.97 -1.09	44.96 3.75 -0.01	41.62 2.87 -0.01
KENSICO____ 23655	42.53 2.22 0.00	38.95 1.85 0.00	38.47 1.80 0.00	37.23 1.71 0.00	37.71 1.73 0.00	40.03 1.91 0.00	51.50 2.73 0.00	62.31 3.25 0.00	66.50 3.47 0.00	54.86 3.25 0.00	52.43 3.29 0.00	51.52 3.33 0.00	49.62 3.38 0.00	50.53 3.53 0.00	49.10 3.51 0.00	51.78 3.70 0.00	56.80 4.11 0.00	58.88 4.21 0.00	65.34 4.78 0.00	59.72 4.48 0.00	52.74 4.09 0.00	46.24 3.54 0.00	44.58 3.38 0.00	41.38 2.63 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	42.69 2.38 0.00	39.10 2.00 0.00	38.69 2.02 0.00	37.41 1.88 0.00	37.86 1.87 0.00	40.14 2.02 0.00	51.59 2.83 0.00	62.55 3.48 0.00	66.62 3.59 0.00	54.65 3.04 0.00	52.13 3.00 0.00	51.13 2.94 0.00	49.25 3.01 0.00	50.16 3.15 0.00	48.73 3.15 0.00	51.49 3.41 0.00	56.54 3.85 0.00	58.88 4.21 0.00	65.40 4.84 0.00	59.72 4.48 0.00	52.69 4.04 0.00	46.19 3.50 0.00	44.53 3.34 0.00	41.38 2.63 0.00

KIAC_JFK_GT1 23816	42.73 2.42 0.00	39.02 1.93 0.00	38.50 1.83 0.00	37.26 1.74 0.00	37.79 1.80 0.00	40.14 2.02 0.00	51.89 3.12 0.00	62.49 3.43 0.00	66.62 3.59 0.00	55.42 3.82 0.00	52.87 3.73 0.00	51.95 3.76 0.00	50.03 3.79 0.00	50.96 3.95 0.00	49.55 3.97 0.00	52.31 4.23 0.00	57.38 4.69 0.00	59.42 4.76 0.00	65.58 5.03 0.00	59.94 4.70 0.00	53.33 4.67 0.00	46.66 3.97 0.00	44.99 3.79 0.00	41.65 2.91 0.00
KIAC_JFK_GT2 23817	42.73 2.42 0.00	39.02 1.93 0.00	38.50 1.83 0.00	37.26 1.74 0.00	37.79 1.80 0.00	40.14 2.02 0.00	51.89 3.12 0.00	62.49 3.43 0.00	66.62 3.59 0.00	55.42 3.82 0.00	52.87 3.73 0.00	51.95 3.76 0.00	50.03 3.79 0.00	50.96 3.95 0.00	49.55 3.97 0.00	52.31 4.23 0.00	57.38 4.69 0.00	59.42 4.76 0.00	65.58 5.03 0.00	59.94 4.70 0.00	53.33 4.67 0.00	46.66 3.97 0.00	44.99 3.79 0.00	41.65 2.91 0.00
KIAC_JFK____ 323774	42.73 2.42 0.00	39.02 1.93 0.00	38.50 1.83 0.00	37.26 1.74 0.00	37.78 1.80 0.00	40.14 2.02 0.00	51.89 3.12 0.00	62.49 3.42 0.00	66.62 3.59 0.00	55.42 3.82 0.00	52.92 3.78 0.00	51.95 3.76 0.00	50.03 3.79 0.00	50.96 3.95 0.00	49.41 3.83 0.00	52.31 4.23 0.00	57.38 4.69 0.00	59.42 4.75 0.00	65.52 4.97 0.00	59.89 4.64 0.00	53.33 4.67 0.00	46.58 3.88 0.00	44.91 3.71 0.00	41.65 2.91 0.00
KINTIGH__24_KV_GSU 356498	38.33 -1.97 0.00	35.31 -1.78 0.00	35.09 -1.58 0.00	33.82 -1.70 0.00	33.86 -2.12 0.00	35.45 -2.67 0.00	44.06 -4.68 0.02	52.86 -5.67 0.54	52.08 -5.80 5.15	45.24 -4.54 1.82	41.41 -4.23 3.50	39.28 -4.05 4.86	37.95 -3.70 4.59	38.10 -3.62 5.29	37.26 -3.24 5.09	37.76 -4.76 5.56	36.47 -5.59 10.63	39.33 -5.47 9.87	50.72 -5.69 4.14	46.82 -3.87 4.56	40.35 -4.04 4.27	36.19 -3.16 3.34	38.14 -3.05 0.01	36.44 -2.29 0.01
KINTIGH____ 23543	38.33 -1.98 0.00	35.31 -1.78 0.00	35.09 -1.58 0.00	33.82 -1.71 0.00	33.83 -2.16 0.00	35.38 -2.74 0.00	43.82 -4.93 0.02	52.86 -5.67 0.54	52.08 -5.80 5.15	45.29 -4.49 1.82	41.41 -4.23 3.50	39.24 -4.10 4.86	37.95 -3.70 4.59	38.10 -3.62 5.29	36.58 -3.92 5.09	37.76 -4.76 5.56	36.73 -5.59 10.38	39.28 -5.52 9.87	50.60 -5.81 4.14	46.71 -3.98 4.56	40.28 -4.09 4.29	35.79 -3.54 3.36	37.81 -3.38 0.01	36.44 -2.29 0.01
KNTFSRNC_46_KV_46KV_LOAD 80397	40.63 0.32 0.00	37.50 0.41 0.00	37.04 0.37 0.00	35.84 0.32 0.00	36.38 0.40 0.00	38.70 0.57 0.00	49.69 0.93 0.00	60.01 0.95 0.00	64.23 1.20 0.00	52.28 0.67 0.00	49.87 0.74 0.00	48.67 0.48 0.00	46.33 0.09 0.00	46.68 -0.33 0.00	44.99 -0.59 0.00	47.41 -0.67 0.00	51.64 -1.05 0.00	53.63 -1.04 0.00	59.10 -1.45 0.00	53.54 -1.71 0.00	47.39 -1.27 0.00	41.88 -0.81 0.00	40.46 -0.74 0.00	38.04 -0.70 0.00
LACHUTE____HYDRO 323717	42.48 2.18 0.00	39.13 2.04 0.00	38.65 1.98 0.00	37.48 1.95 0.00	37.86 1.87 0.00	40.33 2.21 0.00	51.35 2.58 0.00	62.31 3.25 0.00	65.80 2.77 0.00	53.77 2.17 0.00	50.90 1.77 0.00	49.69 1.50 0.00	47.58 1.34 0.00	48.51 1.50 0.00	47.22 1.64 0.00	49.95 1.87 0.00	55.17 2.48 0.00	58.06 3.39 0.00	64.25 3.69 0.00	58.45 3.20 0.00	51.82 3.16 0.00	45.25 2.56 0.00	43.87 2.68 0.00	40.87 2.13 0.00
LAWRNCALV_115KV_TB1 80681	41.32 1.01 0.00	38.13 1.04 0.00	37.62 0.95 0.00	36.41 0.89 0.00	36.92 0.94 0.00	39.19 1.07 0.00	49.94 1.17 0.00	60.60 1.54 0.00	64.67 1.64 0.00	52.59 0.98 0.00	50.22 1.08 0.00	49.11 0.92 0.00	46.94 0.69 0.00	47.43 0.42 0.00	45.81 0.23 0.00	48.37 0.29 0.00	52.80 0.11 0.00	54.39 -0.27 0.00	60.13 -0.42 0.00	54.81 -0.44 0.00	48.22 -0.44 0.00	42.73 0.04 0.00	41.45 0.25 0.00	39.01 0.27 0.00
LEDERLE____ 23769	42.65 2.34 0.00	39.06 1.97 0.00	38.58 1.91 0.00	37.34 1.81 0.00	37.82 1.84 0.00	40.14 2.02 0.00	51.69 2.93 0.00	62.55 3.48 0.00	66.75 3.72 0.00	55.01 3.41 0.00	52.53 3.39 0.00	51.66 3.47 0.00	49.76 3.51 0.00	50.68 3.67 0.00	49.23 3.65 0.00	51.93 3.85 0.00	56.96 4.27 0.00	59.15 4.48 0.00	65.58 5.03 0.00	59.94 4.70 0.00	52.94 4.28 0.00	46.41 3.71 0.00	44.70 3.50 0.00	41.49 2.75 0.00
LIGHTSE_115KV_TB6 355974	40.19 -0.12 0.00	36.94 -0.15 0.00	36.49 -0.18 0.00	35.31 -0.21 0.00	35.81 -0.18 0.00	37.93 -0.19 0.00	48.42 -0.34 0.00	58.83 -0.24 0.00	62.71 -0.32 0.00	51.30 -0.31 0.00	48.74 -0.39 0.00	47.71 -0.48 0.00	45.73 -0.51 0.00	46.49 -0.52 0.00	45.04 -0.55 0.00	47.55 -0.53 0.00	52.11 -0.58 0.00	53.90 -0.77 0.00	59.83 -0.73 0.00	54.75 -0.50 0.00	48.17 -0.49 0.00	42.31 -0.38 0.00	40.79 -0.41 0.00	38.51 -0.23 0.00
LINDEN COGEN____ 23786	42.65 2.34 0.00	39.02 1.93 0.00	38.50 1.83 0.00	37.26 1.74 0.00	37.75 1.76 0.00	40.11 1.98 0.00	51.69 2.93 0.00	62.49 3.42 0.00	63.59 3.72 3.16	55.22 3.61 0.00	51.62 3.64 1.15	51.81 3.62 0.00	49.89 3.65 0.00	50.81 3.81 0.00	49.28 3.69 0.00	49.23 4.04 2.89	51.00 4.37 6.06	57.73 4.48 1.42	65.58 5.02 0.00	59.83 4.75 0.17	48.96 4.38 4.08	43.61 3.67 2.75	44.70 3.50 0.00	41.53 2.79 0.00
LINDHRST_69_KV_BK1 356055	42.69 2.38 0.00	38.84 1.74 0.00	38.10 1.54 0.11	36.94 1.46 0.04	37.43 1.51 0.06	39.95 1.83 0.00	50.72 2.24 0.29	53.10 2.72 8.68	54.01 2.90 11.92	51.35 2.79 3.04	52.17 3.05 0.01	48.58 2.94 2.55	48.37 3.01 0.88	48.49 3.10 1.63	49.06 3.51 0.04	51.63 3.56 0.01	56.69 4.00 0.01	58.81 4.15 0.01	66.19 5.63 0.00	60.67 5.41 0.00	53.43 4.77 0.00	47.75 4.44 -0.62	45.73 4.53 0.00	41.92 3.18 0.00
LIPA_MISC_IPP 23656	41.60 1.29 0.00	37.83 0.74 0.00	35.39 0.51 1.79	35.45 0.50 0.57	35.45 0.50 1.04	38.92 0.80 0.00	49.18 0.83 0.42	41.81 0.95 18.20	44.58 1.01 19.46	44.54 1.29 8.35	50.60 1.47 0.02	44.04 1.49 5.65	46.20 1.62 1.66	45.92 1.69 2.78	47.76 2.23 0.06	50.14 2.07 0.01	55.11 2.42 0.01	57.12 2.46 0.01	64.37 3.82 0.00	59.00 3.76 0.00	51.96 3.31 0.00	46.24 3.37 -0.18	44.53 3.34 0.00	40.83 2.09 0.00
LISF____SOLAR 323691	41.60 1.29 0.00	37.87 0.78 0.00	35.43 0.55 1.78	35.44 0.50 0.58	35.49 0.54 1.04	38.92 0.80 0.00	49.28 0.92 0.41	40.63 0.94 19.38	44.43 1.01 19.60	43.59 1.29 9.30	50.74 1.62 0.02	43.61 1.50 6.08	46.16 1.57 1.66	45.98 1.74 2.77	47.58 2.05 0.06	50.24 2.17 0.01	55.16 2.48 0.01	57.17 2.52 0.01	64.06 3.51 0.00	58.83 3.59 0.00	51.77 3.12 0.00	46.25 3.37 -0.18	44.28 3.09 0.00	40.87 2.13 0.00
LITTLE FALLS____HYD 24013	41.44 1.13 0.00	38.21 1.11 0.00	37.92 1.25 0.00	36.91 1.39 0.00	37.50 1.51 0.00	39.73 1.60 0.00	50.57 1.80 0.00	61.13 2.07 0.00	64.98 1.95 0.00	52.95 1.34 0.00	50.46 1.33 0.00	49.45 1.25 0.00	47.40 1.16 0.00	48.14 1.13 0.00	46.63 1.05 0.00	49.19 1.11 0.00	53.85 1.16 0.00	55.71 1.04 0.00	61.77 1.21 0.00	56.46 1.22 0.00	49.68 1.02 0.00	43.72 1.02 0.00	42.19 0.99 0.00	39.63 0.89 0.00

LITTLRIV_115KV_TB1 356100	41.72 1.41 0.00	38.54 1.45 0.00	37.99 1.32 0.00	36.73 1.21 0.00	37.28 1.30 0.00	39.61 1.49 0.00	50.52 1.76 0.00	61.31 2.24 0.00	65.24 2.21 0.00	52.90 1.29 0.00	50.51 1.38 0.00	49.35 1.16 0.00	47.12 0.88 0.00	47.57 0.56 0.00	46.00 0.41 0.00	48.61 0.53 0.00	53.22 0.53 0.00	54.89 0.22 0.00	60.74 0.18 0.00	55.41 0.17 0.00	48.75 0.10 0.00	43.20 0.51 0.00	41.86 0.66 0.00	39.36 0.62 0.00
LI_NEWBRDGE___DRP 323616	42.04 1.73 0.01	38.28 1.19 0.00	37.70 1.03 0.00	36.48 0.96 0.00	36.99 1.01 0.00	39.38 1.26 0.00	50.09 1.71 0.38	49.80 2.01 11.28	49.58 2.14 15.59	49.86 2.17 3.91	51.43 2.31 0.02	47.23 2.36 3.32	47.37 2.45 1.32	47.32 2.59 2.27	48.48 2.96 0.07	50.91 2.84 0.01	55.79 3.11 0.01	57.83 3.17 0.01	64.97 4.42 0.01	59.55 4.31 0.01	52.44 3.80 0.01	46.48 3.76 -0.03	44.98 3.79 0.01	41.25 2.52 0.01
LOCKPORT_115KV_TB60_63_64 80432	38.49 -1.81 0.00	35.50 -1.59 0.00	35.28 -1.39 0.00	33.92 -1.60 0.00	33.90 -2.09 0.00	35.30 -2.82 0.00	43.62 -5.12 0.03	52.89 -5.49 0.68	51.15 -5.48 6.40	45.10 -4.23 2.27	40.81 -3.98 4.35	38.30 -3.86 6.04	37.12 -3.42 5.70	37.10 -3.34 6.57	35.23 -3.83 6.52	36.45 -4.66 6.96	35.28 -5.59 11.83	37.60 -5.47 11.60	49.59 -5.75 5.21	44.20 -4.09 6.96	38.41 -4.04 6.21	34.33 -3.50 4.86	37.64 -3.54 0.02	36.25 -2.48 0.02
LOCKPORT___CC1 323769	38.46 -1.85 0.00	35.42 -1.67 0.00	35.20 -1.47 0.00	33.89 -1.63 0.00	33.83 -2.16 0.00	35.30 -2.82 0.00	43.76 -4.97 0.03	52.89 -5.43 0.74	50.36 -5.67 7.00	44.68 -4.44 2.49	40.30 -4.08 4.76	37.69 -3.90 6.60	36.49 -3.52 6.24	36.39 -3.43 7.18	34.93 -3.47 7.19	35.64 -4.76 7.68	34.09 -5.69 12.91	36.78 -5.52 12.37	48.99 -5.81 5.75	43.37 -4.14 7.73	37.66 -4.09 6.91	33.91 -3.37 5.41	37.76 -3.42 0.02	36.17 -2.56 0.02
LOCKPORT___CC2 323770	38.46 -1.85 0.00	35.42 -1.67 0.00	35.20 -1.47 0.00	33.89 -1.63 0.00	33.83 -2.16 0.00	35.30 -2.82 0.00	43.76 -4.97 0.03	52.89 -5.43 0.74	50.36 -5.67 7.00	44.68 -4.44 2.49	40.30 -4.08 4.76	37.69 -3.90 6.60	36.49 -3.52 6.24	36.39 -3.43 7.18	34.93 -3.47 7.19	35.64 -4.76 7.68	34.09 -5.69 12.91	36.78 -5.52 12.37	48.99 -5.81 5.75	43.37 -4.14 7.73	37.66 -4.09 6.91	33.91 -3.37 5.41	37.76 -3.42 0.02	36.17 -2.56 0.02
LOCKPORT___CC3 323771	38.46 -1.85 0.00	35.42 -1.67 0.00	35.20 -1.47 0.00	33.89 -1.63 0.00	33.83 -2.16 0.00	35.30 -2.82 0.00	43.76 -4.97 0.03	52.89 -5.43 0.74	50.36 -5.67 7.00	44.68 -4.44 2.49	40.30 -4.08 4.76	37.69 -3.90 6.60	36.49 -3.52 6.24	36.39 -3.43 7.18	34.93 -3.47 7.19	35.64 -4.76 7.68	34.09 -5.69 12.91	36.78 -5.52 12.37	48.99 -5.81 5.75	43.37 -4.14 7.73	37.66 -4.09 6.91	33.91 -3.37 5.41	37.76 -3.42 0.02	36.17 -2.56 0.02
LOCUSVLY_69_KV_BK2 55797	42.49 2.18 0.00	38.76 1.67 0.00	38.17 1.50 0.00	36.94 1.42 0.00	37.46 1.48 0.00	39.84 1.72 0.00	50.88 2.29 0.18	56.56 2.72 5.22	58.71 2.90 7.22	52.63 2.84 1.81	52.12 3.00 0.01	49.71 3.04 1.52	48.88 3.10 0.46	49.32 3.24 0.93	49.08 3.51 0.01	51.54 3.46 0.00	56.53 3.85 0.00	58.60 3.94 0.00	65.65 5.09 -0.01	60.12 4.86 -0.01	52.99 4.33 -0.01	47.68 4.10 -0.89	45.24 4.04 -0.01	41.61 2.87 -0.01
LONG_LAKE_PHOENIX 24014	39.58 -0.73 0.00	36.39 -0.70 0.00	35.94 -0.73 0.00	34.78 -0.75 0.00	35.27 -0.72 0.00	37.36 -0.76 0.00	47.74 -1.02 0.00	57.94 -1.12 0.00	61.89 -1.13 0.00	50.73 -0.88 0.00	48.30 -0.84 0.00	47.42 -0.77 0.00	45.50 -0.74 0.00	46.35 -0.66 0.00	44.90 -0.68 0.00	47.31 -0.77 0.00	51.85 -0.84 0.00	53.74 -0.93 0.00	59.59 -0.97 0.00	54.42 -0.83 0.00	47.83 -0.83 0.00	41.92 -0.77 0.00	40.42 -0.78 0.00	38.20 -0.54 0.00
LOVETT___3 23632	42.45 2.14 0.00	38.91 1.82 0.00	38.39 1.72 0.00	37.19 1.67 0.00	37.68 1.69 0.00	39.99 1.87 0.00	51.45 2.68 0.00	62.31 3.25 0.00	66.50 3.47 0.00	54.81 3.20 0.00	52.38 3.24 0.00	51.47 3.28 0.00	49.57 3.33 0.00	50.49 3.48 0.00	49.05 3.46 0.00	51.78 3.70 0.00	56.75 4.06 0.00	58.82 4.15 0.00	65.28 4.72 0.00	59.67 4.42 0.00	52.69 4.04 0.00	46.19 3.50 0.00	44.53 3.34 0.00	41.34 2.60 0.00
LOVETT___4 23642	42.45 2.14 0.00	38.91 1.82 0.00	38.39 1.72 0.00	37.19 1.67 0.00	37.68 1.69 0.00	39.99 1.87 0.00	51.45 2.68 0.00	62.31 3.25 0.00	66.50 3.47 0.00	54.81 3.20 0.00	52.38 3.24 0.00	51.47 3.28 0.00	49.57 3.33 0.00	50.49 3.48 0.00	49.05 3.46 0.00	51.78 3.70 0.00	56.75 4.06 0.00	58.82 4.15 0.00	65.28 4.72 0.00	59.67 4.42 0.00	52.69 4.04 0.00	46.19 3.50 0.00	44.53 3.34 0.00	41.34 2.60 0.00
LOVETT___5 23593	42.45 2.14 0.00	38.91 1.82 0.00	38.39 1.72 0.00	37.19 1.67 0.00	37.68 1.69 0.00	39.99 1.87 0.00	51.45 2.68 0.00	62.31 3.25 0.00	66.50 3.47 0.00	54.81 3.20 0.00	52.38 3.24 0.00	51.47 3.28 0.00	49.57 3.33 0.00	50.49 3.48 0.00	49.05 3.46 0.00	51.78 3.70 0.00	56.75 4.06 0.00	58.82 4.15 0.00	65.28 4.72 0.00	59.67 4.42 0.00	52.69 4.04 0.00	46.19 3.50 0.00	44.53 3.34 0.00	41.34 2.60 0.00
LOWER RAQUET___HYD 24057	41.40 1.09 0.00	38.20 1.11 0.00	37.69 1.03 0.00	36.45 0.92 0.00	36.99 1.01 0.00	39.27 1.14 0.00	49.93 1.17 0.00	60.66 1.60 0.00	64.73 1.70 0.00	52.58 0.98 0.00	50.17 1.03 0.00	49.16 0.96 0.00	46.89 0.65 0.00	47.38 0.37 0.00	45.81 0.23 0.00	48.37 0.29 0.00	52.74 0.05 0.00	54.23 -0.44 0.00	60.01 -0.55 0.00	54.64 -0.61 0.00	48.12 -0.53 0.00	42.69 0.00 0.00	41.49 0.29 0.00	39.01 0.27 0.00
LOWER___HUDSON 24059	41.35 1.05 0.00	38.06 0.96 0.00	37.59 0.92 0.00	36.48 0.96 0.00	36.92 0.93 0.00	39.15 1.03 0.00	50.23 1.46 0.00	60.60 1.53 0.00	64.54 1.51 0.00	52.79 1.19 0.00	50.17 1.03 0.00	49.21 1.01 0.00	47.21 0.97 0.00	48.09 1.08 0.00	46.77 1.18 0.00	49.52 1.44 0.00	54.38 1.69 0.00	56.58 1.91 0.00	62.67 2.12 0.00	57.13 1.88 0.00	50.46 1.80 0.00	44.19 1.49 0.00	42.68 1.48 0.00	39.94 1.20 0.00
LOWVILLE_115KV_TB2 356335	41.52 1.21 0.00	38.21 1.11 0.00	37.66 0.99 0.00	36.45 0.92 0.00	36.99 1.01 0.00	39.23 1.11 0.00	50.13 1.37 0.00	61.02 1.95 0.00	64.92 1.89 0.00	52.74 1.14 0.00	49.53 0.39 0.00	48.29 0.10 0.00	46.20 -0.05 0.00	46.87 -0.14 0.00	45.40 -0.18 0.00	48.08 0.00 0.00	52.85 0.16 0.00	54.45 -0.22 0.00	60.50 -0.06 0.00	55.47 0.22 0.00	48.71 0.05 0.00	42.95 0.26 0.00	41.36 0.16 0.00	38.94 0.19 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	41.72 1.41 0.00	38.39 1.30 0.00	37.95 1.28 0.00	36.84 1.31 0.00	37.25 1.26 0.00	39.53 1.41 0.00	50.52 1.76 0.00	61.19 2.13 0.00	65.05 2.02 0.00	53.21 1.60 0.00	50.46 1.33 0.00	49.49 1.30 0.00	47.49 1.25 0.00	48.42 1.41 0.00	47.18 1.60 0.00	49.81 1.73 0.00	54.75 2.05 0.00	57.07 2.41 0.00	63.16 2.60 0.00	57.57 2.32 0.00	50.85 2.19 0.00	44.57 1.88 0.00	43.09 1.90 0.00	40.25 1.51 0.00

LUTHERNY_35_KV_BK2 355980	41.76 1.45 0.00	38.43 1.34 0.00	37.95 1.28 0.00	36.84 1.31 0.00	37.25 1.26 0.00	39.53 1.41 0.00	50.57 1.80 0.00	61.19 2.13 0.00	65.05 2.02 0.00	53.26 1.65 0.00	50.51 1.38 0.00	49.54 1.35 0.00	47.54 1.29 0.00	48.42 1.41 0.00	47.18 1.60 0.00	49.86 1.78 0.00	54.80 2.11 0.00	57.13 2.46 0.00	63.22 2.66 0.00	57.57 2.32 0.00	50.89 2.24 0.00	44.57 1.88 0.00	43.09 1.90 0.00	40.29 1.55 0.00
LWR___OSWEGATCHIE_HYD 23850	41.40 1.09 0.00	38.17 1.08 0.00	37.62 0.95 0.00	36.38 0.85 0.00	36.96 0.97 0.00	39.19 1.07 0.00	49.99 1.22 0.00	60.72 1.65 0.00	64.67 1.64 0.00	52.54 0.93 0.00	49.87 0.74 0.00	48.67 0.48 0.00	46.52 0.28 0.00	47.10 0.09 0.00	45.54 -0.05 0.00	48.18 0.10 0.00	52.74 0.05 0.00	54.17 -0.49 0.00	60.07 -0.48 0.00	54.97 -0.28 0.00	48.32 -0.34 0.00	42.82 0.13 0.00	41.40 0.21 0.00	38.97 0.23 0.00
LYONS_FALL_HYD 23570	41.35 1.05 0.00	38.06 0.96 0.00	37.55 0.88 0.00	36.34 0.82 0.00	36.89 0.90 0.00	39.11 0.99 0.00	50.03 1.27 0.00	60.84 1.77 0.00	64.79 1.76 0.00	52.74 1.13 0.00	49.82 0.69 0.00	48.63 0.43 0.00	46.57 0.33 0.00	47.34 0.33 0.00	45.86 0.28 0.00	48.51 0.43 0.00	53.27 0.58 0.00	55.00 0.33 0.00	61.04 0.48 0.00	55.91 0.67 0.00	49.09 0.44 0.00	43.21 0.51 0.00	41.65 0.45 0.00	39.17 0.43 0.00
MADISON___COUNTY_LFGE 323628	41.36 1.05 0.00	38.02 0.93 0.00	37.55 0.88 0.00	36.34 0.82 0.00	36.89 0.90 0.00	39.15 1.03 0.00	50.13 1.37 0.00	60.90 1.83 0.00	64.92 1.89 0.00	53.00 1.39 0.00	50.36 1.23 0.00	49.30 1.11 0.00	47.31 1.06 0.00	48.14 1.13 0.00	46.63 1.05 0.00	49.33 1.20 -0.05	54.06 1.37 0.00	57.05 1.26 -1.12	62.03 1.45 -0.02	56.80 1.55 0.00	49.97 1.27 -0.05	43.84 1.11 -0.04	42.19 0.99 0.00	39.67 0.93 0.00
MALONE___115KV_TB1 356076	40.95 0.64 0.00	37.83 0.74 0.00	37.33 0.66 0.00	36.13 0.60 0.00	36.67 0.68 0.00	39.00 0.88 0.00	50.03 1.27 0.00	60.60 1.54 0.00	64.86 1.83 0.00	52.74 1.14 0.00	50.27 1.13 0.00	49.11 0.92 0.00	46.80 0.55 0.00	47.10 0.09 0.00	45.45 -0.14 0.00	47.89 -0.19 0.00	52.32 -0.37 0.00	54.23 -0.44 0.00	59.77 -0.79 0.00	54.25 -0.99 0.00	47.83 -0.83 0.00	42.18 -0.51 0.00	40.79 -0.41 0.00	38.35 -0.39 0.00
MAPLEWOD_115KV_TB3 80458	41.16 0.85 0.00	37.91 0.82 0.00	37.48 0.81 0.00	36.38 0.85 0.00	36.78 0.79 0.00	39.00 0.88 0.00	49.89 1.12 0.00	60.37 1.30 0.00	64.29 1.26 0.00	52.64 1.03 0.00	50.02 0.88 0.00	49.06 0.87 0.00	47.12 0.88 0.00	48.00 0.99 0.00	46.77 1.19 0.00	49.43 1.35 0.00	54.11 1.42 0.00	56.31 1.64 0.00	62.37 1.82 0.00	56.85 1.60 0.00	50.21 1.56 0.00	44.02 1.32 0.00	42.52 1.32 0.00	39.79 1.05 0.00
MAPLE_RIDGE_WT_1 323574	39.91 -0.40 0.00	36.83 -0.26 0.00	36.52 -0.15 0.00	35.42 -0.11 0.00	35.91 -0.07 0.00	38.05 -0.08 0.00	48.57 -0.19 0.00	58.59 -0.47 0.00	62.28 -0.75 0.00	50.78 -0.83 0.00	48.20 -0.94 0.00	47.13 -1.06 0.00	45.13 -1.11 0.00	45.79 -1.22 0.00	44.40 -1.19 0.00	46.83 -1.25 0.00	51.32 -1.37 0.00	53.24 -1.42 0.00	58.98 -1.57 0.00	53.76 -1.49 0.00	47.35 -1.31 0.00	41.54 -1.15 0.00	40.04 -1.15 0.00	37.58 -1.16 0.00
MAPLE_RIDGE_WT_2 323611	39.91 -0.40 0.00	36.83 -0.26 0.00	36.52 -0.15 0.00	35.42 -0.11 0.00	35.91 -0.07 0.00	38.05 -0.08 0.00	48.57 -0.19 0.00	58.59 -0.47 0.00	62.28 -0.75 0.00	50.78 -0.83 0.00	48.20 -0.94 0.00	47.13 -1.06 0.00	45.13 -1.11 0.00	45.79 -1.22 0.00	44.40 -1.19 0.00	46.83 -1.25 0.00	51.32 -1.37 0.00	53.24 -1.42 0.00	58.98 -1.57 0.00	53.76 -1.49 0.00	47.35 -1.31 0.00	41.54 -1.15 0.00	40.04 -1.15 0.00	37.58 -1.16 0.00
MARBLE_RIVER_WT_PWR 323696	40.27 -0.04 0.00	37.13 0.04 0.00	36.71 0.04 0.00	35.52 0.00 0.00	36.06 0.07 0.00	38.35 0.23 0.00	49.01 0.25 0.00	59.48 0.42 0.00	63.60 0.57 0.00	51.87 0.26 0.00	49.23 0.10 0.00	48.24 0.05 0.00	45.97 -0.28 0.00	46.30 -0.70 0.00	44.67 -0.91 0.00	47.02 -1.06 0.00	51.27 -1.42 0.00	53.14 -1.53 0.00	58.68 -1.88 0.00	53.20 -2.04 0.00	46.95 -1.70 0.00	41.41 -1.28 0.00	40.00 -1.20 0.00	37.62 -1.12 0.00
MARSHVLE_115KV_TB1 80742	41.52 1.21 0.00	38.17 1.08 0.00	37.70 1.03 0.00	36.55 1.03 0.00	36.99 1.01 0.00	39.42 1.30 0.00	50.28 1.51 0.00	61.13 2.07 0.00	64.42 1.39 0.00	52.17 0.57 0.00	49.28 0.15 0.00	48.48 0.29 0.00	46.70 0.46 0.00	47.67 0.66 0.00	46.50 0.91 0.00	49.28 1.20 0.00	54.22 1.53 0.00	56.80 2.13 0.00	62.98 2.42 0.00	57.40 2.15 0.00	50.65 1.99 0.00	44.44 1.75 0.00	42.93 1.73 0.00	40.02 1.28 0.00
MARSH_HILL_WT_PWR 323713	39.34 -0.97 0.00	36.02 -1.08 0.00	35.57 -1.10 0.00	33.93 -1.60 0.00	33.68 -2.30 0.00	35.22 -2.90 0.00	44.61 -4.29 -0.14	57.50 -4.67 -3.10	87.66 -4.98 -29.61	57.76 -4.33 -10.49	64.92 -4.32 -20.11	71.87 -4.24 -27.92	68.55 -4.07 -26.38	73.45 -3.95 -30.39	66.03 -4.06 -24.50	68.94 -4.14 -25.00	64.07 -4.43 -15.80	59.61 -4.38 -9.32	74.84 -4.90 -19.19	81.51 -4.25 -30.51	71.53 -3.65 -26.52	59.90 -3.54 -20.75	37.57 -3.58 0.04	35.53 -3.18 0.04
MCINTYRE_115KV_TB2 80467	41.84 1.53 0.00	38.61 1.52 0.00	38.10 1.43 0.00	36.84 1.31 0.00	37.39 1.40 0.00	39.73 1.60 0.00	50.72 1.95 0.00	61.49 2.42 0.00	65.42 2.40 0.00	52.95 1.34 0.00	50.46 1.33 0.00	49.35 1.16 0.00	47.12 0.88 0.00	47.57 0.56 0.00	46.04 0.46 0.00	48.66 0.58 0.00	53.43 0.74 0.00	55.27 0.60 0.00	61.22 0.67 0.00	55.86 0.61 0.00	49.14 0.49 0.00	43.42 0.73 0.00	42.02 0.82 0.00	39.52 0.77 0.00
MECO_____69_KV_BK1 80468	42.28 1.98 0.00	38.87 1.78 0.00	38.43 1.76 0.00	37.23 1.71 0.00	37.68 1.69 0.00	40.14 2.02 0.00	51.30 2.54 0.00	62.26 3.19 0.00	65.55 2.52 0.00	53.10 1.50 0.00	50.07 0.93 0.00	49.06 0.87 0.00	47.26 1.02 0.00	48.28 1.27 0.00	47.14 1.55 0.00	50.00 1.92 0.00	55.22 2.53 0.00	57.95 3.28 0.00	64.25 3.69 0.00	58.51 3.26 0.00	51.67 3.02 0.00	45.25 2.56 0.00	43.71 2.51 0.00	40.76 2.01 0.00
MENANDS___115KV_TB5 355628	40.95 0.64 0.00	37.76 0.67 0.00	37.33 0.66 0.00	36.23 0.71 0.00	36.67 0.68 0.00	38.85 0.72 0.00	49.69 0.93 0.00	60.13 1.06 0.00	64.04 1.01 0.00	52.43 0.83 0.00	49.82 0.69 0.00	48.92 0.72 0.00	46.98 0.74 0.00	47.85 0.85 0.00	46.59 1.00 0.00	49.23 1.15 0.00	53.90 1.21 0.00	56.03 1.37 0.00	62.07 1.51 0.00	56.57 1.33 0.00	49.97 1.31 0.00	43.80 1.11 0.00	42.31 1.11 0.00	39.59 0.85 0.00
MG INDUSTRY___DRP 24185	41.07 0.77 0.00	37.87 0.78 0.00	37.44 0.77 0.00	36.34 0.82 0.00	36.74 0.76 0.00	38.89 0.76 0.00	49.74 0.98 0.00	60.13 1.06 0.00	64.04 1.01 0.00	52.43 0.83 0.00	49.82 0.69 0.00	48.87 0.67 0.00	46.89 0.65 0.00	47.76 0.75 0.00	46.54 0.96 0.00	49.19 1.11 0.00	54.01 1.32 0.00	56.20 1.53 0.00	62.25 1.70 0.00	56.79 1.55 0.00	50.12 1.46 0.00	43.97 1.28 0.00	42.48 1.28 0.00	39.75 1.01 0.00

MID___OSWEGATCHIE_HYD 23849	41.40 1.09 0.00	38.17 1.08 0.00	37.62 0.95 0.00	36.38 0.85 0.00	36.96 0.97 0.00	39.19 1.07 0.00	49.99 1.22 0.00	60.72 1.65 0.00	64.67 1.64 0.00	52.54 0.93 0.00	49.87 0.74 0.00	48.67 0.48 0.00	46.52 0.28 0.00	47.10 0.09 0.00	45.54 -0.05 0.00	48.18 0.10 0.00	52.74 0.05 0.00	54.17 -0.49 0.00	60.07 -0.48 0.00	54.97 -0.28 0.00	48.32 -0.34 0.00	42.82 0.13 0.00	41.40 0.21 0.00	38.97 0.23 0.00
MID___RAQUETTE_HYD 23851	41.40 1.09 0.00	38.21 1.11 0.00	37.70 1.03 0.00	36.45 0.92 0.00	36.99 1.01 0.00	39.27 1.14 0.00	50.03 1.27 0.00	60.66 1.59 0.00	64.73 1.70 0.00	52.59 0.98 0.00	50.27 1.13 0.00	49.16 0.96 0.00	46.89 0.65 0.00	47.38 0.38 0.00	45.81 0.23 0.00	48.37 0.29 0.00	52.74 0.05 0.00	54.23 -0.44 0.00	59.95 -0.61 0.00	54.64 -0.61 0.00	48.12 -0.54 0.00	42.69 0.00 0.00	41.49 0.29 0.00	39.01 0.27 0.00
MILLIKEN___1 23584	40.87 0.56 0.00	37.54 0.45 0.00	37.11 0.44 0.00	35.84 0.32 0.00	36.35 0.36 0.00	38.51 0.38 0.00	49.36 0.59 -0.01	60.16 0.89 -0.21	66.01 1.01 -1.97	53.03 0.72 -0.70	51.07 0.59 -1.34	50.63 0.58 -1.86	48.56 0.55 -1.76	49.74 0.71 -2.03	48.03 0.55 -1.89	51.53 0.63 -2.83	68.60 0.84 -15.06	76.64 0.87 -21.10	63.44 1.03 -1.86	58.80 1.10 -2.45	52.51 0.88 -2.98	45.72 0.68 -2.34	41.82 0.58 -0.04	39.37 0.58 -0.04
MILLIKEN___2 23585	40.87 0.56 0.00	37.54 0.45 0.00	37.11 0.44 0.00	35.84 0.32 0.00	36.35 0.36 0.00	38.51 0.38 0.00	49.36 0.59 -0.01	60.16 0.89 -0.21	66.01 1.01 -1.97	53.03 0.72 -0.70	51.07 0.59 -1.34	50.63 0.58 -1.86	48.56 0.55 -1.76	49.74 0.71 -2.03	48.03 0.55 -1.89	51.53 0.63 -2.83	68.60 0.84 -15.06	76.64 0.87 -21.10	63.44 1.03 -1.86	58.80 1.10 -2.45	52.51 0.88 -2.98	45.72 0.68 -2.34	41.82 0.58 -0.04	39.37 0.58 -0.04
MILLIKEN___DIESEL 23629	40.87 0.56 0.00	37.54 0.45 0.00	37.11 0.44 0.00	35.84 0.32 0.00	36.35 0.36 0.00	38.51 0.38 0.00	49.36 0.59 -0.01	60.16 0.89 -0.21	66.01 1.01 -1.97	53.03 0.72 -0.70	51.07 0.59 -1.34	50.63 0.58 -1.86	48.56 0.55 -1.76	49.74 0.71 -2.03	48.03 0.55 -1.89	51.53 0.63 -2.83	68.60 0.84 -15.06	76.64 0.87 -21.10	63.44 1.03 -1.86	58.80 1.10 -2.45	52.51 0.88 -2.98	45.72 0.68 -2.34	41.82 0.58 -0.04	39.37 0.58 -0.04
MILLSEAT___LFGE 323607	39.14 -1.17 0.00	36.02 -1.08 0.00	35.79 -0.88 0.00	34.46 -1.06 0.00	34.51 -1.48 0.00	36.14 -1.98 0.00	45.03 -3.71 0.03	54.71 -3.78 0.58	53.69 -3.91 5.43	46.63 -3.04 1.93	42.70 -2.75 3.69	40.42 -2.65 5.12	39.10 -2.31 4.84	39.23 -2.21 5.57	37.78 -2.28 5.53	38.65 -3.51 5.92	37.97 -4.16 10.56	40.35 -3.99 10.33	52.14 -4.00 4.42	46.62 -2.71 5.92	40.39 -2.97 5.29	36.20 -2.35 4.15	38.67 -2.51 0.01	36.98 -1.74 0.01
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	42.49 2.18 0.00	38.91 1.82 0.00	38.43 1.76 0.00	37.19 1.67 0.00	37.68 1.69 0.00	39.99 1.87 0.00	51.40 2.63 0.00	62.20 3.13 0.00	66.37 3.34 0.00	54.75 3.15 0.00	52.33 3.19 0.00	51.42 3.23 0.00	49.53 3.28 0.00	50.44 3.43 0.00	49.00 3.42 0.00	51.73 3.65 0.00	56.70 4.00 0.00	58.77 4.10 0.00	65.22 4.66 0.00	59.61 4.36 0.00	52.65 3.99 0.00	46.15 3.46 0.00	44.49 3.30 0.00	41.30 2.56 0.00
MILLWOOD_13_KV_LOAD 356217	42.57 2.26 0.00	38.98 1.89 0.00	38.50 1.83 0.00	37.26 1.74 0.00	37.75 1.76 0.00	40.07 1.94 0.00	51.50 2.73 0.00	62.26 3.19 0.00	66.50 3.47 0.00	54.86 3.25 0.00	52.43 3.29 0.00	51.52 3.33 0.00	49.62 3.38 0.00	50.53 3.53 0.00	49.10 3.51 0.00	51.83 3.75 0.00	56.85 4.16 0.00	58.88 4.21 0.00	65.34 4.78 0.00	59.67 4.42 0.00	52.74 4.09 0.00	46.24 3.54 0.00	44.58 3.38 0.00	41.38 2.63 0.00
MODEL_CITY_ENERGY 24167	38.29 -2.01 0.00	35.31 -1.78 0.00	35.09 -1.58 0.00	33.78 -1.74 0.00	33.72 -2.27 0.00	35.19 -2.93 0.00	43.37 -5.36 0.03	52.57 -5.79 0.71	50.34 -6.05 6.63	44.55 -4.70 2.36	40.25 -4.37 4.51	37.74 -4.19 6.26	36.59 -3.74 5.91	36.53 -3.67 6.81	35.23 -3.60 6.76	35.91 -5.00 7.17	34.18 -6.01 12.50	36.90 -5.85 11.92	49.08 -6.11 5.36	43.81 -4.31 7.13	38.09 -4.33 6.24	34.30 -3.50 4.89	37.51 -3.67 0.02	36.05 -2.67 0.02
MODERN_LFGE___ 323580	38.29 -2.01 0.00	35.31 -1.78 0.00	35.09 -1.58 0.00	33.78 -1.74 0.00	33.72 -2.27 0.00	35.19 -2.93 0.00	43.37 -5.36 0.03	52.57 -5.79 0.71	50.34 -6.05 6.63	44.55 -4.70 2.36	40.25 -4.37 4.51	37.74 -4.19 6.26	36.59 -3.74 5.91	36.53 -3.67 6.81	35.23 -3.60 6.76	35.91 -5.00 7.17	34.18 -6.01 12.50	36.90 -5.85 11.92	49.08 -6.11 5.36	43.81 -4.31 7.13	38.09 -4.33 6.24	34.30 -3.50 4.89	37.51 -3.67 0.02	36.05 -2.67 0.02
MOHAWK_PAPER___DRP 24187	41.16 0.85 0.00	37.91 0.82 0.00	37.48 0.81 0.00	36.38 0.85 0.00	36.78 0.79 0.00	39.00 0.88 0.00	49.89 1.12 0.00	60.37 1.30 0.00	64.29 1.26 0.00	52.64 1.03 0.00	50.02 0.88 0.00	49.06 0.87 0.00	47.12 0.88 0.00	48.00 0.99 0.00	46.77 1.19 0.00	49.43 1.35 0.00	54.11 1.42 0.00	56.31 1.64 0.00	62.37 1.82 0.00	56.85 1.60 0.00	50.21 1.56 0.00	44.02 1.32 0.00	42.52 1.32 0.00	39.79 1.05 0.00
MOHICAN___35_KV_115KV_LD 80490	41.60 1.29 0.00	38.32 1.22 0.00	37.84 1.17 0.00	36.73 1.21 0.00	37.14 1.15 0.00	39.46 1.33 0.00	50.33 1.56 0.00	60.96 1.89 0.00	64.73 1.70 0.00	52.95 1.34 0.00	50.17 1.03 0.00	49.11 0.92 0.00	47.12 0.88 0.00	48.00 0.99 0.00	46.82 1.23 0.00	49.43 1.35 0.00	54.43 1.74 0.00	56.85 2.19 0.00	62.92 2.36 0.00	57.29 2.04 0.00	50.75 2.09 0.00	44.44 1.75 0.00	43.01 1.81 0.00	40.14 1.39 0.00
MONGAUP___HYD 23641	42.56 2.26 0.00	39.02 1.93 0.00	38.57 1.91 0.00	37.30 1.78 0.00	37.78 1.80 0.00	40.03 1.91 0.00	51.45 2.68 0.00	62.25 3.19 0.00	66.24 3.21 0.00	54.29 2.68 0.00	51.79 2.65 0.00	50.75 2.55 0.00	48.88 2.63 0.00	49.78 2.77 0.00	48.32 2.73 0.00	51.16 3.08 0.00	56.22 3.53 0.00	58.60 3.94 0.00	65.10 4.54 0.00	59.44 4.20 0.00	52.50 3.84 0.00	45.94 3.24 0.00	44.29 3.09 0.00	41.22 2.48 0.00
MONTAUK___DIESEL 23721	41.31 1.01 0.00	37.58 0.48 0.00	34.92 0.04 1.79	34.95 0.00 0.57	34.99 0.04 1.04	38.43 0.30 0.00	48.11 -0.24 0.41	40.50 -0.35 18.21	43.20 -0.38 19.45	43.55 0.31 8.37	49.91 0.79 0.02	43.21 0.67 5.65	45.41 0.83 1.66	45.12 0.89 2.78	47.03 1.50 0.06	49.42 1.35 0.01	54.42 1.74 0.01	56.19 1.53 0.01	63.46 2.91 0.00	58.23 2.98 0.00	51.18 2.53 0.00	45.61 2.73 -0.18	43.75 2.55 0.00	40.40 1.67 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	38.82 -1.49 0.00	35.39 -1.71 0.00	35.02 -1.65 0.00	33.43 -2.10 0.00	33.29 -2.70 0.00	34.69 -3.43 0.00	44.15 -4.58 0.03	53.27 -5.02 0.77	50.18 -5.48 7.37	44.40 -4.59 2.61	39.61 -4.52 5.01	36.67 -4.58 6.95	35.42 -4.25 6.56	35.17 -4.28 7.56	34.81 -5.33 5.44	36.48 -5.63 5.97	34.54 -6.48 11.67	36.06 -6.40 12.21	49.10 -7.02 4.43	43.97 -5.80 5.48	38.64 -4.91 5.11	34.47 -4.23 4.00	37.30 -3.87 0.02	35.08 -3.64 0.02

MORRIS_RIDGE___SOLAR 323848	39.02 -1.29 0.00	35.79 -1.30 0.00	35.46 -1.21 0.00	33.93 -1.60 0.00	33.83 -2.16 0.00	35.38 -2.75 0.00	44.40 -4.19 0.17	50.79 -4.49 3.79	22.16 -4.73 36.14	34.77 -4.03 12.81	20.65 -3.93 24.55	10.30 -3.81 34.09	10.43 -3.61 32.20	6.39 -3.53 37.09	0.19 -4.01 41.39	0.23 -4.18 43.67	-5.73 -4.64 53.79	0.57 -4.54 49.56	22.58 -4.96 33.01	1.55 -4.20 49.50	0.71 -3.65 44.30	4.56 -3.46 34.68	37.71 -3.46 0.03	35.73 -2.98 0.03
MORTIMER_115KV_TB3 55949	39.34 -0.97 0.00	36.17 -0.93 0.00	35.83 -0.84 0.00	34.60 -0.92 0.00	34.91 -1.08 0.00	36.79 -1.33 0.00	46.43 -2.34 0.00	56.47 -2.60 0.00	60.52 -2.52 -0.01	49.70 -1.91 0.00	47.47 -1.67 -0.01	46.61 -1.59 -0.01	44.86 -1.39 -0.01	45.70 -1.32 -0.01	44.02 -1.55 0.01	45.90 -2.02 0.16	47.74 -2.37 2.58	48.72 -2.41 3.54	58.07 -2.42 0.07	53.08 -2.15 0.01	46.08 -2.43 0.14	40.45 -2.13 0.11	39.17 -2.02 0.01	37.49 -1.24 0.01
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	42.77 2.46 0.00	39.17 2.08 0.00	38.65 1.98 0.00	37.41 1.88 0.00	37.89 1.91 0.00	40.26 2.13 0.00	51.79 3.02 0.00	62.61 3.54 0.00	66.81 3.78 0.00	55.22 3.61 0.00	52.77 3.64 0.00	51.90 3.71 0.00	49.94 3.70 0.00	50.86 3.85 0.00	49.46 3.87 0.00	52.17 4.09 0.00	57.17 4.48 0.00	59.26 4.59 0.00	65.70 5.15 0.00	60.11 4.86 0.00	53.08 4.43 0.00	46.53 3.84 0.00	44.91 3.71 0.00	41.65 2.91 0.00
MUNSVILLE_WIND_PWR 323609	42.40 2.09 0.00	39.06 1.96 0.00	38.61 1.94 0.00	37.30 1.78 0.00	37.86 1.87 0.00	40.33 2.21 0.00	51.60 2.83 -0.01	62.99 3.78 -0.14	68.13 3.78 -1.32	54.76 2.68 -0.47	52.39 2.36 -0.90	51.37 1.93 -1.25	49.18 1.76 -1.18	50.11 1.74 -1.36	48.29 1.41 -1.29	51.73 1.83 -1.82	63.08 2.21 -8.17	69.00 2.30 -12.04	64.44 2.66 -1.22	59.86 2.87 -1.74	52.99 2.34 -2.00	46.01 1.75 -1.57	42.75 1.53 -0.02	40.28 1.51 -0.02
N SALMON___HYD 24042	40.95 0.64 0.00	37.83 0.74 0.00	37.33 0.66 0.00	36.13 0.60 0.00	36.67 0.68 0.00	39.00 0.88 0.00	49.89 1.12 0.00	60.60 1.53 0.00	64.86 1.83 0.00	52.74 1.13 0.00	50.12 0.98 0.00	49.11 0.91 0.00	46.80 0.56 0.00	47.10 0.09 0.00	45.45 -0.14 0.00	47.89 -0.19 0.00	52.33 -0.37 0.00	54.23 -0.44 0.00	59.83 -0.72 0.00	54.26 -0.99 0.00	47.83 -0.83 0.00	42.18 -0.51 0.00	40.79 -0.41 0.00	38.35 -0.39 0.00
N.AKRON__115KV_KNAPP 355671	39.06 -1.25 0.00	35.98 -1.11 0.00	35.75 -0.92 0.00	34.42 -1.10 0.00	34.44 -1.55 0.00	35.99 -2.13 0.00	44.74 -4.00 0.03	54.33 -4.13 0.60	53.29 -4.10 5.65	46.50 -3.10 2.01	42.40 -2.90 3.84	40.07 -2.80 5.33	38.76 -2.45 5.03	38.86 -2.35 5.79	36.96 -2.87 5.75	38.32 -3.61 6.16	37.67 -4.32 10.70	39.84 -4.21 10.61	51.66 -4.30 4.60	46.16 -2.93 6.16	40.04 -3.11 5.51	35.69 -2.69 4.31	38.38 -2.80 0.02	36.91 -1.82 0.02
N.E_GEN_SANDY PD 24062	41.32 1.01 0.00	38.06 0.96 0.00	37.55 0.88 0.00	36.52 0.99 0.00	36.92 0.93 0.00	39.15 1.03 0.00	52.90 1.61 -2.53	69.40 1.77 -8.56	64.86 1.83 0.00	53.00 1.39 0.00	50.22 1.08 0.00	49.35 1.15 0.00	47.40 1.16 0.00	48.28 1.27 0.00	47.00 1.41 0.00	49.86 1.78 0.00	54.83 2.05 -0.09	72.52 2.19 -15.66	80.00 2.42 -17.02	76.03 2.21 -18.57	63.10 2.09 -12.35	51.93 1.75 -7.49	44.00 1.73 -1.07	43.00 1.39 -2.87
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	42.53 2.22 0.00	38.95 1.85 0.00	38.47 1.80 0.00	37.23 1.71 0.00	37.71 1.73 0.00	40.03 1.91 0.00	51.55 2.78 0.00	62.43 3.37 0.00	66.62 3.59 0.00	54.91 3.30 0.00	52.43 3.29 0.00	51.52 3.33 0.00	49.62 3.38 0.00	50.53 3.53 0.00	49.10 3.51 0.00	51.83 3.75 0.00	56.85 4.16 0.00	58.99 4.32 0.00	65.46 4.91 0.00	59.78 4.53 0.00	52.79 4.14 0.00	46.28 3.59 0.00	44.62 3.42 0.00	41.41 2.67 0.00
N.QUEENS_27_KV_LOAD 356247	43.22 2.90 -0.01	39.55 2.45 -0.01	39.06 2.38 -0.01	37.77 2.24 -0.01	38.26 2.27 -0.01	40.65 2.52 -0.01	52.13 3.36 0.00	62.37 3.31 0.00	66.50 3.47 0.00	55.17 3.56 0.00	52.77 3.64 0.00	51.90 3.71 0.00	49.99 3.75 0.00	50.96 3.95 0.00	49.51 3.92 0.00	52.31 4.23 0.00	57.22 4.53 0.00	59.20 4.54 0.00	65.58 5.03 0.00	60.05 4.81 0.00	53.08 4.43 0.00	46.71 4.01 0.00	45.33 4.12 -0.01	42.04 3.29 -0.01
N.TROY___115KV_TB1 355778	41.36 1.05 0.00	38.06 0.96 0.00	37.59 0.92 0.00	36.48 0.96 0.00	36.92 0.94 0.00	39.15 1.03 0.00	50.18 1.41 0.00	60.60 1.54 0.00	64.54 1.51 0.00	52.79 1.19 0.00	50.12 0.98 0.00	49.20 1.01 0.00	47.21 0.97 0.00	48.09 1.08 0.00	46.86 1.28 0.00	49.52 1.44 0.00	54.38 1.69 0.00	56.58 1.91 0.00	62.68 2.12 0.00	57.13 1.88 0.00	50.46 1.80 0.00	44.23 1.54 0.00	42.72 1.52 0.00	39.94 1.20 0.00
NARROWS_GT1_1 24228	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.32 3.72 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.51 3.92 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.89 5.33 0.00	60.33 5.08 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.29 4.08 -0.01	42.08 3.33 -0.01
NARROWS_GT1_2 24229	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.32 3.72 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.51 3.92 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.89 5.33 0.00	60.33 5.08 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.29 4.08 -0.01	42.08 3.33 -0.01
NARROWS_GT1_3 24230	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.32 3.72 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.51 3.92 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.89 5.33 0.00	60.33 5.08 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.29 4.08 -0.01	42.08 3.33 -0.01
NARROWS_GT1_4 24231	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.32 3.72 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.51 3.92 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.89 5.33 0.00	60.33 5.08 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.29 4.08 -0.01	42.08 3.33 -0.01
NARROWS_GT1_5 24232	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.32 3.72 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.51 3.92 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.89 5.33 0.00	60.33 5.08 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.29 4.08 -0.01	42.08 3.33 -0.01

NARROWS_GT1_6 24233	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.32 3.72 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.51 3.92 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.89 5.33 0.00	60.33 5.08 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.29 4.08 -0.01	42.08 3.33 -0.01
NARROWS_GT1_7 24234	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.32 3.72 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.51 3.92 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.89 5.33 0.00	60.33 5.08 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.29 4.08 -0.01	42.08 3.33 -0.01
NARROWS_GT1_8 24235	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.32 3.72 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.51 3.92 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.89 5.33 0.00	60.33 5.08 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.29 4.08 -0.01	42.08 3.33 -0.01
NARROWS_GT2_1 24236	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.32 3.72 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.51 3.92 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.89 5.33 0.00	60.33 5.08 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.29 4.08 -0.01	42.08 3.33 -0.01
NARROWS_GT2_2 24237	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.32 3.72 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.51 3.92 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.89 5.33 0.00	60.33 5.08 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.29 4.08 -0.01	42.08 3.33 -0.01
NARROWS_GT2_3 24238	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.32 3.72 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.51 3.92 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.89 5.33 0.00	60.33 5.08 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.29 4.08 -0.01	42.08 3.33 -0.01
NARROWS_GT2_4 24239	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.32 3.72 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.51 3.92 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.89 5.33 0.00	60.33 5.08 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.29 4.08 -0.01	42.08 3.33 -0.01
NARROWS_GT2_5 24240	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.32 3.72 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.51 3.92 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.89 5.33 0.00	60.33 5.08 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.29 4.08 -0.01	42.08 3.33 -0.01
NARROWS_GT2_6 24241	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.32 3.72 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.51 3.92 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.89 5.33 0.00	60.33 5.08 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.29 4.08 -0.01	42.08 3.33 -0.01
NARROWS_GT2_7 24242	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.32 3.72 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.51 3.92 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.89 5.33 0.00	60.33 5.08 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.29 4.08 -0.01	42.08 3.33 -0.01
NARROWS_GT2_8 24243	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.32 3.72 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.51 3.92 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.89 5.33 0.00	60.33 5.08 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.29 4.08 -0.01	42.08 3.33 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	41.28 0.97 0.00	38.09 1.00 0.00	37.70 1.03 0.00	36.55 1.03 0.00	36.96 0.97 0.00	39.08 0.95 0.00	49.99 1.22 0.00	60.60 1.54 0.00	64.29 1.26 0.00	52.28 0.67 0.00	49.58 0.44 0.00	48.58 0.39 0.00	46.61 0.37 0.00	47.48 0.47 0.00	46.31 0.73 0.00	48.99 0.91 0.00	54.01 1.32 0.00	56.58 1.91 0.00	62.80 2.24 0.00	57.13 1.88 0.00	50.46 1.80 0.00	44.23 1.54 0.00	42.72 1.52 0.00	39.94 1.20 0.00
NCHELSEA_115KV_TR2 355582	42.57 2.26 0.00	39.02 1.93 0.00	38.54 1.87 0.00	37.30 1.78 0.00	37.79 1.80 0.00	40.07 1.94 0.00	51.45 2.68 0.00	62.31 3.25 0.00	66.56 3.53 0.00	54.70 3.10 0.00	52.23 3.10 0.00	51.28 3.08 0.00	49.39 3.14 0.00	50.30 3.29 0.00	48.91 3.33 0.00	51.64 3.56 0.00	56.59 3.90 0.00	58.77 4.10 0.00	65.22 4.66 0.00	59.56 4.31 0.00	52.60 3.94 0.00	46.11 3.42 0.00	44.45 3.25 0.00	41.30 2.56 0.00
NEG CAPITAL___MECHNVIL 23645	41.80 1.49 0.00	38.47 1.37 0.00	37.99 1.32 0.00	36.87 1.35 0.00	37.28 1.29 0.00	39.57 1.45 0.00	50.67 1.90 0.00	61.31 2.24 0.00	65.17 2.14 0.00	53.36 1.76 0.00	50.66 1.52 0.00	49.64 1.44 0.00	47.63 1.39 0.00	48.56 1.55 0.00	47.22 1.64 0.00	49.95 1.87 0.00	54.90 2.21 0.00	57.24 2.57 0.00	63.34 2.79 0.00	57.68 2.43 0.00	50.99 2.34 0.00	44.62 1.92 0.00	43.13 1.94 0.00	40.33 1.59 0.00
NEG CENTRAL_HIGH_ACRES 23767	38.74 -1.57 0.00	35.61 -1.48 0.00	35.24 -1.43 0.00	34.07 -1.46 0.00	34.44 -1.55 0.00	36.41 -1.71 0.00	46.23 -2.54 0.00	56.06 -3.01 0.00	60.07 -2.96 0.00	49.34 -2.27 0.00	47.12 -2.02 0.00	46.26 -1.93 0.00	44.48 -1.76 0.00	45.32 -1.69 0.00	44.03 -1.55 0.01	45.66 -2.31 0.11	48.33 -2.63 1.73	49.55 -2.73 2.38	57.66 -2.85 0.05	52.70 -2.54 0.01	45.78 -2.77 0.11	40.39 -2.22 0.09	39.05 -2.14 0.01	37.03 -1.70 0.01

NEG CENTRAL___DRP 24199	40.07 -0.24 0.00	36.80 -0.30 0.00	36.38 -0.29 0.00	35.13 -0.39 0.00	35.52 -0.47 0.00	37.59 -0.53 0.00	48.10 -0.68 -0.01	58.62 -0.71 -0.26	64.86 -0.63 -2.47	51.96 -0.52 -0.87	50.27 -0.54 -1.67	49.99 -0.53 -2.33	47.98 -0.46 -2.20	49.21 -0.33 -2.53	47.44 -0.55 -2.40	49.81 -0.63 -2.36	51.92 -0.58 0.19	52.82 -0.55 1.29	61.73 -0.67 -1.84	57.74 -0.50 -2.99	50.57 -0.58 -2.50	44.01 -0.64 -1.96	40.57 -0.62 0.01	38.30 -0.43 0.01
NEG CENTRAL___INDECK 23768	40.39 0.08 0.00	37.06 -0.04 0.00	36.71 0.04 0.00	35.28 -0.25 0.00	35.45 -0.54 0.00	37.36 -0.76 0.00	47.52 -1.37 -0.12	60.42 -1.24 -2.60	86.48 -1.39 -24.84	58.91 -1.50 -8.80	64.43 -1.57 -16.87	70.03 -1.59 -23.42	66.94 -1.43 -22.13	71.18 -1.32 -25.49	69.52 -1.32 -25.26	72.34 -1.78 -26.03	72.01 -1.74 -21.05	68.85 -1.47 -15.66	79.30 -1.15 -19.89	85.65 -0.77 -31.18	74.88 -1.12 -27.34	63.02 -1.07 -21.40	40.02 -1.15 0.03	37.94 -0.77 0.03
NEG CENTRAL___SENECA 23627	40.07 -0.24 0.00	36.80 -0.30 0.00	36.41 -0.26 0.00	35.10 -0.43 0.00	35.41 -0.58 0.00	37.44 -0.69 0.00	47.81 -0.98 -0.02	58.47 -1.00 -0.40	66.01 -0.88 -3.86	52.20 -0.77 -1.37	50.93 -0.84 -2.62	51.07 -0.77 -3.64	48.99 -0.69 -3.44	50.41 -0.56 -3.97	48.49 -0.87 -3.77	50.75 -0.96 -3.63	50.52 -0.90 1.28	50.46 -0.77 3.44	62.39 -1.03 -2.86	59.10 -0.83 -4.68	51.64 -0.88 -3.86	44.77 -0.94 -3.02	40.31 -0.87 0.02	38.06 -0.66 0.02
NEG CENTRAL___STATE_STREET 24147	40.15 -0.16 0.00	36.91 -0.19 0.00	36.45 -0.22 0.00	35.24 -0.28 0.00	35.70 -0.29 0.00	37.86 -0.27 0.00	48.48 -0.29 0.00	59.00 -0.18 -0.11	63.94 -0.13 -1.04	51.87 -0.10 -0.37	49.74 -0.10 -0.71	49.08 -0.10 -0.98	47.12 -0.05 -0.92	48.12 0.05 -1.07	45.54 -0.05 -0.01	48.10 -0.10 -0.12	54.26 0.00 -1.57	57.18 0.00 -2.51	60.61 0.00 -0.05	55.37 0.11 -0.01	48.72 -0.05 -0.11	42.65 -0.13 -0.09	41.04 -0.16 0.00	38.71 -0.04 0.00
NEG MILLWOOD___DRP 24198	42.65 2.34 0.00	39.13 2.04 0.00	38.65 1.98 0.00	37.44 1.92 0.00	37.89 1.91 0.00	40.14 2.02 0.00	51.55 2.78 0.00	62.37 3.31 0.00	66.68 3.66 0.00	54.91 3.30 0.00	52.48 3.34 0.00	51.52 3.33 0.00	49.62 3.38 0.00	50.58 3.57 0.00	49.10 3.51 0.00	51.93 3.85 0.00	57.01 4.32 0.00	59.04 4.37 0.00	65.40 4.84 0.00	59.78 4.53 0.00	52.89 4.23 0.00	46.28 3.59 0.00	44.62 3.42 0.00	41.41 2.67 0.00
NEG NORTH_FLCN_SEA 23793	40.43 0.12 0.00	37.32 0.22 0.00	36.85 0.18 0.00	35.70 0.18 0.00	36.24 0.25 0.00	38.54 0.42 0.00	49.45 0.68 0.00	59.54 0.47 0.00	63.72 0.69 0.00	51.92 0.31 0.00	49.68 0.54 0.00	48.48 0.29 0.00	46.20 -0.05 0.00	46.54 -0.47 0.00	44.86 -0.73 0.00	47.21 -0.87 0.00	51.27 -1.42 0.00	53.19 -1.48 0.00	58.62 -1.94 0.00	53.15 -2.10 0.00	47.10 -1.56 0.00	41.80 -0.90 0.00	40.37 -0.82 0.00	37.97 -0.77 0.00
NEG NORTH_KES_CHATEGAY 23792	40.35 0.04 0.00	37.24 0.15 0.00	36.78 0.11 0.00	35.63 0.11 0.00	36.13 0.14 0.00	38.43 0.30 0.00	49.35 0.59 0.00	59.72 0.65 0.00	63.79 0.76 0.00	51.92 0.31 0.00	49.43 0.29 0.00	48.19 0.00 0.00	45.92 -0.32 0.00	46.30 -0.71 0.00	44.67 -0.91 0.00	47.07 -1.01 0.00	51.43 -1.26 0.00	53.35 -1.31 0.00	58.86 -1.70 0.00	53.37 -1.88 0.00	47.10 -1.56 0.00	41.50 -1.20 0.00	40.09 -1.11 0.00	37.70 -1.05 0.00
NEG NORTH___ALICE_FALLS 23915	40.63 0.32 0.00	37.50 0.41 0.00	37.04 0.37 0.00	35.84 0.32 0.00	36.38 0.40 0.00	38.70 0.57 0.00	49.69 0.93 0.00	60.01 0.95 0.00	64.23 1.20 0.00	52.28 0.67 0.00	49.87 0.74 0.00	48.67 0.48 0.00	46.33 0.09 0.00	46.68 -0.33 0.00	44.99 -0.59 0.00	47.41 -0.67 0.00	51.64 -1.05 0.00	53.63 -1.04 0.00	59.10 -1.45 0.00	53.54 -1.71 0.00	47.39 -1.27 0.00	41.88 -0.81 0.00	40.46 -0.74 0.00	38.04 -0.70 0.00
NEG NORTH___LWR_SARANAC 23913	40.63 0.32 0.00	37.50 0.41 0.00	37.04 0.37 0.00	35.84 0.32 0.00	36.38 0.40 0.00	38.70 0.57 0.00	49.69 0.93 0.00	60.01 0.95 0.00	64.23 1.20 0.00	52.28 0.67 0.00	49.87 0.74 0.00	48.67 0.48 0.00	46.33 0.09 0.00	46.68 -0.33 0.00	44.99 -0.59 0.00	47.41 -0.67 0.00	51.64 -1.05 0.00	53.63 -1.04 0.00	59.10 -1.45 0.00	53.54 -1.71 0.00	47.39 -1.27 0.00	41.88 -0.81 0.00	40.46 -0.74 0.00	38.04 -0.70 0.00
NEG NORTH___PLATTSBURG 23628	40.63 0.32 0.00	37.50 0.41 0.00	37.04 0.37 0.00	35.84 0.32 0.00	36.38 0.40 0.00	38.70 0.57 0.00	49.45 0.68 0.00	60.01 0.94 0.00	64.22 1.19 0.00	52.28 0.67 0.00	49.58 0.44 0.00	48.67 0.48 0.00	46.33 0.09 0.00	46.68 -0.33 0.00	44.99 -0.59 0.00	47.41 -0.67 0.00	51.64 -1.05 0.00	53.63 -1.04 0.00	59.17 -1.39 0.00	53.53 -1.71 0.00	47.39 -1.27 0.00	41.88 -0.81 0.00	40.46 -0.74 0.00	38.05 -0.70 0.00
NEG WEST_LEA_LOCKPORT 23791	38.45 -1.85 0.00	35.42 -1.67 0.00	35.20 -1.47 0.00	33.89 -1.63 0.00	33.83 -2.16 0.00	35.23 -2.90 0.00	43.56 -5.17 0.03	52.71 -5.61 0.74	50.36 -5.67 7.00	44.79 -4.33 2.49	40.30 -4.08 4.76	37.64 -3.95 6.60	36.49 -3.51 6.24	36.39 -3.43 7.18	34.43 -3.97 7.19	35.64 -4.76 7.68	34.31 -5.69 12.69	36.72 -5.58 12.37	48.87 -5.93 5.75	43.26 -4.25 7.73	37.60 -4.14 6.92	33.68 -3.59 5.42	37.60 -3.58 0.02	36.17 -2.56 0.02
NEG WEST___LANCASTR 23811	38.25 -2.06 0.00	35.16 -1.93 0.00	34.95 -1.72 0.00	33.57 -1.95 0.00	33.54 -2.45 0.00	34.92 -3.20 0.00	45.56 -3.17 0.04	55.91 -2.36 0.79	53.23 -2.27 7.53	47.29 -1.65 2.67	42.45 -1.57 5.11	39.60 -1.49 7.10	38.33 -1.20 6.71	38.20 -1.08 7.73	36.00 -2.92 6.67	38.49 -2.36 7.24	36.73 -2.90 13.06	38.78 -2.68 13.20	51.77 -3.39 5.39	45.22 -3.04 6.99	40.44 -1.80 6.41	35.88 -1.79 5.02	39.32 -1.85 0.02	35.70 -3.02 0.02
NEG_PENN_ALLEGHNY 23528	40.63 0.32 0.00	37.32 0.22 0.00	36.93 0.26 0.00	35.67 0.14 0.00	36.09 0.11 0.00	38.16 0.04 0.00	48.86 0.10 0.00	59.42 0.36 0.00	63.53 0.50 0.00	52.07 0.46 0.00	49.63 0.49 0.00	48.67 0.48 0.00	46.80 0.56 0.00	47.67 0.66 0.00	45.95 0.36 0.00	48.56 0.48 0.00	51.76 0.53 1.46	55.21 0.55 0.00	61.10 0.54 0.00	55.96 0.72 0.00	49.29 0.63 0.00	43.08 0.38 0.00	41.49 0.29 0.00	39.01 0.27 0.00
NEG___GEN_MONROE 24207	39.54 -0.77 0.00	36.35 -0.74 0.00	36.01 -0.66 0.00	34.78 -0.75 0.00	35.01 -0.97 0.00	36.90 -1.22 0.00	46.47 -2.29 0.00	56.42 -2.54 0.11	59.47 -2.52 1.04	49.38 -1.86 0.37	46.76 -1.67 0.71	45.58 -1.64 0.98	43.88 -1.43 0.93	44.58 -1.36 1.07	43.89 -1.69 0.01	45.66 -2.26 0.16	47.28 -2.74 2.67	48.37 -2.68 3.62	57.83 -2.66 0.06	53.03 -2.21 0.01	46.04 -2.48 0.14	40.41 -2.18 0.11	39.13 -2.06 0.01	37.61 -1.12 0.01
NEPA___ENERGY 23901	38.74 -1.57 0.00	35.65 -1.45 0.00	35.39 -1.28 0.00	34.00 -1.53 0.00	33.97 -2.02 0.00	35.42 -2.71 0.00	44.98 -3.75 0.03	54.56 -3.78 0.72	52.28 -3.84 6.90	46.06 -3.10 2.45	41.40 -3.05 4.69	38.75 -2.94 6.51	37.50 -2.59 6.15	37.44 -2.49 7.08	35.86 -3.51 6.21	37.61 -3.70 6.77	35.81 -4.32 12.56	37.83 -4.15 12.68	50.97 -4.54 5.04	45.31 -3.54 6.40	39.71 -3.02 5.93	35.32 -2.73 4.64	38.46 -2.72 0.02	36.16 -2.56 0.02

NEVERSINK___HYD 23608	42.61 2.30 0.00	39.09 2.00 0.00	38.65 1.98 0.00	37.37 1.85 0.00	37.86 1.87 0.00	40.11 1.98 0.00	51.54 2.78 0.00	62.49 3.42 0.00	66.56 3.53 0.00	54.55 2.94 0.00	52.13 3.00 0.00	51.08 2.89 0.00	49.20 2.96 0.00	50.06 3.05 0.00	48.55 2.96 0.00	51.39 3.31 0.00	56.43 3.74 0.00	58.71 4.05 0.00	65.16 4.60 0.00	59.50 4.25 0.00	52.55 3.89 0.00	45.98 3.29 0.00	44.33 3.13 0.00	41.30 2.56 0.00
NEWKRMKL_115KV_TB1 55635	40.63 0.32 0.00	37.54 0.45 0.00	37.07 0.40 0.00	36.02 0.50 0.00	36.42 0.43 0.00	38.54 0.42 0.00	49.25 0.49 0.00	59.60 0.53 0.00	63.53 0.50 0.00	52.07 0.46 0.00	49.48 0.34 0.00	48.53 0.34 0.00	46.61 0.37 0.00	47.48 0.47 0.00	46.27 0.68 0.00	48.85 0.77 0.00	53.64 0.95 0.00	55.76 1.09 0.00	61.71 1.15 0.00	56.30 1.05 0.00	49.68 1.02 0.00	43.59 0.90 0.00	42.15 0.95 0.00	39.44 0.70 0.00
NEWTON___FALLS_HYD 23847	41.40 1.09 0.00	38.17 1.08 0.00	37.62 0.95 0.00	36.38 0.85 0.00	36.96 0.97 0.00	39.19 1.07 0.00	49.99 1.22 0.00	60.72 1.65 0.00	64.67 1.64 0.00	52.54 0.93 0.00	49.87 0.74 0.00	48.67 0.48 0.00	46.52 0.28 0.00	47.10 0.09 0.00	45.54 -0.05 0.00	48.18 0.10 0.00	52.74 0.05 0.00	54.17 -0.49 0.00	60.07 -0.48 0.00	54.97 -0.28 0.00	48.32 -0.34 0.00	42.82 0.13 0.00	41.40 0.21 0.00	38.97 0.23 0.00
NGRID_A1_DSASP 323792	37.57 -2.74 0.00	34.64 -2.45 0.00	34.51 -2.16 0.00	33.21 -2.31 0.00	33.14 -2.84 0.00	34.58 -3.54 0.00	42.68 -6.05 0.03	51.19 -7.15 0.73	49.70 -6.36 6.96	44.14 -5.00 2.47	39.79 -4.62 4.73	37.19 -4.43 6.57	36.02 -4.02 6.20	35.92 -3.95 7.14	34.87 -3.83 6.89	35.34 -5.29 7.45	33.46 -6.27 12.96	36.20 -6.12 12.35	48.50 -6.48 5.57	43.47 -4.70 7.09	37.53 -4.62 6.51	33.88 -3.71 5.09	37.02 -4.16 0.02	35.32 -3.41 0.02
NGRID_A2_DSASP 323793	37.57 -2.74 0.00	34.64 -2.45 0.00	34.51 -2.16 0.00	33.21 -2.31 0.00	33.14 -2.84 0.00	34.58 -3.54 0.00	42.68 -6.05 0.03	51.19 -7.15 0.73	49.70 -6.36 6.96	44.14 -5.00 2.47	39.79 -4.62 4.73	37.19 -4.43 6.57	36.02 -4.02 6.20	35.92 -3.95 7.14	34.87 -3.83 6.89	35.34 -5.29 7.45	33.46 -6.27 12.96	36.20 -6.12 12.35	48.50 -6.48 5.57	43.47 -4.70 7.09	37.53 -4.62 6.51	33.88 -3.71 5.09	37.02 -4.16 0.02	35.32 -3.41 0.02
NGRID_A4_DSASP 323807	37.57 -2.74 0.00	34.64 -2.45 0.00	34.51 -2.16 0.00	33.21 -2.31 0.00	33.14 -2.84 0.00	34.58 -3.54 0.00	42.68 -6.05 0.03	51.19 -7.15 0.73	49.70 -6.36 6.96	44.14 -5.00 2.47	39.79 -4.62 4.73	37.19 -4.43 6.57	36.02 -4.02 6.20	35.92 -3.95 7.14	34.87 -3.83 6.89	35.34 -5.29 7.45	33.46 -6.27 12.96	36.20 -6.12 12.35	48.50 -6.48 5.57	43.47 -4.70 7.09	37.53 -4.62 6.51	33.88 -3.71 5.09	37.02 -4.16 0.02	35.32 -3.41 0.02
NIAGARA_115E_LBMP 323715	38.17 -2.14 0.00	35.20 -1.89 0.00	35.02 -1.65 0.00	33.67 -1.85 0.00	33.65 -2.34 0.00	35.11 -3.01 0.00	43.13 -5.61 0.03	52.26 -6.08 0.72	49.98 -6.30 6.75	44.30 -4.90 2.40	39.98 -4.57 4.59	37.44 -4.39 6.36	36.30 -3.93 6.01	36.23 -3.85 6.92	34.98 -3.74 6.87	35.58 -5.24 7.26	33.69 -6.27 12.73	36.47 -6.12 12.08	48.70 -6.42 5.43	43.51 -4.53 7.21	37.92 -4.48 6.26	34.16 -3.63 4.91	37.35 -3.83 0.02	35.98 -2.75 0.02
NIAGARA_115W_LBMP 323714	37.49 -2.82 0.00	34.57 -2.52 0.00	34.43 -2.24 0.00	33.18 -2.35 0.00	33.11 -2.88 0.00	34.54 -3.59 0.00	42.59 -6.15 0.03	51.07 -7.27 0.73	49.66 -6.43 6.94	44.14 -5.00 2.46	39.76 -4.67 4.71	37.22 -4.43 6.54	36.04 -4.02 6.18	35.94 -3.95 7.12	34.89 -3.83 6.86	35.36 -5.29 7.43	33.49 -6.27 12.93	36.23 -6.12 12.32	48.46 -6.54 5.56	43.50 -4.70 7.05	37.56 -4.62 6.47	33.87 -3.76 5.07	36.94 -4.24 0.02	35.24 -3.49 0.02
NIAGARA_230_LBMP 323716	37.97 -2.34 0.00	34.98 -2.11 0.00	34.80 -1.87 0.00	33.50 -2.02 0.00	33.47 -2.52 0.00	34.96 -3.16 0.00	43.42 -5.31 0.03	52.16 -6.20 0.70	50.00 -6.30 6.73	44.27 -4.95 2.38	40.00 -4.57 4.57	37.46 -4.39 6.34	36.27 -3.98 5.99	36.20 -3.90 6.90	35.05 -3.87 6.66	35.64 -5.19 7.24	33.82 -6.16 12.71	36.60 -6.01 12.06	48.78 -6.36 5.41	43.89 -4.64 6.72	37.84 -4.58 6.24	34.09 -3.71 4.89	37.60 -3.58 0.02	35.86 -2.87 0.02
NIAGARA___115KV_198_GIBSON 55903	37.49 -2.82 0.00	34.57 -2.52 0.00	34.43 -2.24 0.00	33.18 -2.34 0.00	33.11 -2.88 0.00	34.46 -3.66 0.00	42.35 -6.39 0.03	52.02 -6.32 0.73	49.66 -6.43 6.94	44.19 -4.95 2.46	39.76 -4.67 4.71	37.17 -4.48 6.54	35.99 -4.07 6.18	35.94 -3.95 7.12	34.25 -4.47 6.86	35.36 -5.29 7.43	33.75 -6.27 12.67	36.17 -6.18 12.32	48.34 -6.66 5.56	43.39 -4.81 7.05	37.49 -4.67 6.50	33.55 -4.06 5.09	36.69 -4.49 0.02	35.24 -3.49 0.02
NIAGARA____ 23760	37.97 -2.34 0.00	34.98 -2.11 0.00	34.80 -1.87 0.00	33.50 -2.02 0.00	33.47 -2.52 0.00	34.96 -3.16 0.00	43.42 -5.31 0.03	52.16 -6.20 0.70	50.00 -6.30 6.73	44.27 -4.95 2.38	40.00 -4.57 4.57	37.46 -4.39 6.35	36.27 -3.98 5.99	36.20 -3.90 6.91	35.05 -3.87 6.66	35.64 -5.19 7.25	33.82 -6.16 12.71	36.59 -6.01 12.06	48.78 -6.36 5.41	43.89 -4.64 6.72	37.84 -4.58 6.24	34.09 -3.71 4.89	37.60 -3.58 0.02	35.86 -2.87 0.02
NINE_MILE_1 23575	39.06 -1.25 0.00	35.94 -1.15 0.00	35.49 -1.17 0.00	34.39 -1.14 0.00	34.83 -1.15 0.00	36.90 -1.22 0.00	47.16 -1.61 0.00	57.17 -1.89 0.00	61.01 -2.02 0.00	50.01 -1.60 0.00	47.61 -1.52 0.00	46.75 -1.44 0.00	44.86 -1.39 0.00	45.64 -1.36 0.00	44.26 -1.32 0.00	46.59 -1.49 0.00	51.06 -1.63 0.00	52.97 -1.70 0.00	58.74 -1.82 0.00	53.64 -1.60 0.00	47.15 -1.51 0.00	41.37 -1.32 0.00	39.88 -1.32 0.00	37.70 -1.04 0.00
NINE_MILE_2 23744	39.06 -1.25 0.00	35.94 -1.15 0.00	35.49 -1.17 0.00	34.39 -1.14 0.00	34.83 -1.15 0.00	36.90 -1.22 0.00	47.16 -1.61 0.00	57.17 -1.89 0.00	61.01 -2.02 0.00	50.01 -1.60 0.00	47.61 -1.52 0.00	46.75 -1.44 0.00	44.86 -1.39 0.00	45.64 -1.36 0.00	44.31 -1.28 0.00	46.59 -1.49 0.00	51.06 -1.63 0.00	52.97 -1.70 0.00	58.74 -1.82 0.00	53.64 -1.60 0.00	47.15 -1.51 0.00	41.37 -1.32 0.00	39.92 -1.28 0.00	37.70 -1.04 0.00
NM_CAPITAL___DRP 24208	40.59 0.28 0.00	37.50 0.41 0.00	37.04 0.37 0.00	35.99 0.46 0.00	36.38 0.40 0.00	38.51 0.38 0.00	49.25 0.49 0.00	59.60 0.53 0.00	63.47 0.44 0.00	52.02 0.41 0.00	49.43 0.29 0.00	48.53 0.34 0.00	46.61 0.37 0.00	47.43 0.42 0.00	46.22 0.64 0.00	48.85 0.77 0.00	53.75 1.05 0.00	55.87 1.20 0.00	61.89 1.33 0.00	56.46 1.22 0.00	49.82 1.17 0.00	43.72 1.02 0.00	42.23 1.03 0.00	39.52 0.77 0.00
NM_CENTRAL___DRP 24181	39.82 -0.48 0.00	36.57 -0.52 0.00	36.16 -0.51 0.00	34.99 -0.53 0.00	35.45 -0.54 0.00	37.55 -0.57 0.00	48.03 -0.73 0.00	58.24 -0.83 0.00	62.27 -0.76 0.00	51.09 -0.52 0.00	48.69 -0.44 0.00	47.81 -0.39 0.00	45.87 -0.37 0.00	46.73 -0.28 0.00	45.27 -0.32 0.00	47.65 -0.43 0.00	52.22 -0.47 0.00	54.07 -0.60 0.00	59.95 -0.61 0.00	54.75 -0.50 0.00	48.12 -0.54 0.00	42.18 -0.51 0.00	40.66 -0.54 0.00	38.39 -0.35 0.00

NM_FRONTIER___DRP 24179	37.49 -2.82 0.00	34.57 -2.52 0.00	34.43 -2.24 0.00	33.18 -2.34 0.00	33.11 -2.88 0.00	34.46 -3.66 0.00	42.35 -6.39 0.03	52.02 -6.32 0.73	49.66 -6.43 6.94	44.19 -4.95 2.46	39.76 -4.67 4.71	37.17 -4.48 6.54	35.99 -4.07 6.18	35.94 -3.95 7.12	34.25 -4.47 6.86	35.36 -5.29 7.43	33.75 -6.27 12.67	36.17 -6.18 12.32	48.34 -6.66 5.56	43.39 -4.81 7.05	37.49 -4.67 6.50	33.55 -4.06 5.09	36.69 -4.49 0.02	35.24 -3.49 0.02
NM_ST_REGIS___HYD 24053	41.28 0.97 0.00	38.13 1.04 0.00	37.62 0.95 0.00	36.38 0.85 0.00	36.92 0.94 0.00	39.23 1.11 0.00	50.03 1.27 0.00	60.66 1.59 0.00	64.79 1.76 0.00	52.64 1.03 0.00	50.27 1.13 0.00	49.16 0.96 0.00	46.89 0.65 0.00	47.34 0.33 0.00	45.68 0.09 0.00	48.22 0.14 0.00	52.64 -0.05 0.00	54.23 -0.44 0.00	59.89 -0.67 0.00	54.53 -0.72 0.00	48.02 -0.63 0.00	42.56 -0.13 0.00	41.28 0.08 0.00	38.82 0.08 0.00
NORTHPORT___1 23551	42.04 1.73 0.00	38.28 1.19 0.00	37.65 0.99 0.01	36.44 0.92 0.01	36.95 0.97 0.01	39.34 1.22 0.00	49.77 1.36 0.36	49.96 1.53 10.64	49.96 1.64 14.71	49.72 1.81 3.69	51.14 2.02 0.02	47.08 2.02 3.13	47.10 2.08 1.22	47.10 2.21 2.12	47.93 2.41 0.07	50.52 2.45 0.01	55.37 2.69 0.01	57.45 2.79 0.01	64.31 3.76 0.01	59.00 3.76 0.01	51.91 3.26 0.01	46.39 3.54 -0.15	44.65 3.46 0.01	41.25 2.52 0.01
NORTHPORT___2 23552	42.04 1.73 0.00	38.28 1.19 0.00	37.65 0.99 0.01	36.44 0.92 0.01	36.95 0.97 0.01	39.34 1.22 0.00	49.77 1.36 0.36	49.96 1.53 10.64	49.96 1.64 14.71	49.72 1.81 3.69	51.14 2.02 0.02	47.08 2.02 3.13	47.10 2.08 1.22	47.10 2.21 2.12	47.93 2.41 0.07	50.52 2.45 0.01	55.37 2.69 0.01	57.45 2.79 0.01	64.31 3.76 0.01	59.00 3.76 0.01	51.91 3.26 0.01	46.39 3.54 -0.15	44.65 3.46 0.01	41.25 2.52 0.01
NORTHPORT___3 23553	41.92 1.61 0.00	38.17 1.08 0.00	37.59 0.88 -0.04	36.38 0.85 -0.01	36.87 0.86 -0.02	39.26 1.14 0.00	49.58 1.17 0.35	49.82 1.24 10.49	49.82 1.33 14.53	49.58 1.60 3.63	50.84 1.72 0.02	46.89 1.78 3.09	46.89 1.85 1.20	46.89 1.97 2.09	47.71 2.19 0.06	50.29 2.21 0.01	55.11 2.43 0.01	57.17 2.52 0.01	63.94 3.39 0.01	58.73 3.48 0.01	51.67 3.02 0.01	46.18 3.33 -0.16	44.49 3.30 0.01	41.18 2.44 0.01
NORTHPORT___4 23650	41.92 1.61 0.00	38.17 1.08 0.00	37.59 0.88 -0.04	36.38 0.85 -0.01	36.87 0.86 -0.02	39.26 1.14 0.00	49.58 1.17 0.35	49.82 1.24 10.49	49.82 1.33 14.53	49.58 1.60 3.63	50.84 1.72 0.02	46.89 1.78 3.09	46.89 1.85 1.20	46.89 1.97 2.09	47.71 2.19 0.06	50.29 2.21 0.01	55.11 2.43 0.01	57.17 2.52 0.01	63.94 3.39 0.01	58.73 3.48 0.01	51.67 3.02 0.01	46.18 3.33 -0.16	44.49 3.30 0.01	41.18 2.44 0.01
NORTHPORT___IC 23718	42.04 1.73 0.00	38.28 1.19 0.00	37.66 0.99 0.00	36.45 0.92 0.00	36.96 0.97 0.00	39.38 1.26 0.00	49.77 1.37 0.36	49.96 1.54 10.64	50.02 1.70 14.71	49.72 1.81 3.69	51.04 1.92 0.02	47.04 1.98 3.13	47.10 2.08 1.22	47.05 2.16 2.12	48.12 2.60 0.07	50.52 2.45 0.01	55.42 2.74 0.01	57.50 2.84 0.01	64.61 4.06 0.01	59.22 3.98 0.01	52.15 3.50 0.01	46.47 3.63 -0.15	44.94 3.75 0.01	41.25 2.52 0.01
NORTH___COUNTRY_ESR 323785	40.27 -0.04 0.00	37.13 0.04 0.00	36.71 0.04 0.00	35.56 0.04 0.00	36.06 0.07 0.00	38.35 0.23 0.00	49.06 0.29 0.00	59.54 0.47 0.00	63.66 0.63 0.00	51.92 0.31 0.00	49.23 0.10 0.00	48.19 0.00 0.00	45.92 -0.32 0.00	46.30 -0.70 0.00	44.67 -0.91 0.00	47.02 -1.06 0.00	51.38 -1.32 0.00	53.24 -1.42 0.00	58.74 -1.82 0.00	53.26 -1.99 0.00	47.00 -1.65 0.00	41.41 -1.28 0.00	40.00 -1.20 0.00	37.62 -1.12 0.00
NPX_GEN_1385_PROXY 323591	41.96 1.65 0.00	38.20 1.11 0.00	37.65 0.99 0.01	36.44 0.92 0.01	36.88 0.90 0.01	39.34 1.22 0.00	50.47 1.56 -0.14	66.20 1.71 -5.42	63.65 1.89 1.27	49.87 1.96 3.69	50.99 1.87 0.02	46.99 1.93 3.13	47.01 1.99 1.22	47.01 2.12 2.12	47.89 2.37 0.07	50.52 2.45 0.01	55.37 2.69 0.01	57.66 3.00 0.01	64.43 3.88 0.01	59.17 3.92 0.01	52.06 3.40 0.01	47.04 3.54 -0.80	43.92 3.38 0.65	40.78 2.40 0.36
NPX_GEN_CSC 323557	41.39 1.09 0.00	37.65 0.56 0.00	35.20 0.33 1.80	35.26 0.32 0.58	35.26 0.32 1.05	38.69 0.57 0.00	48.98 0.63 0.42	42.21 0.59 17.45	44.39 0.69 19.34	44.93 1.09 7.76	50.49 1.37 0.02	44.06 1.25 5.38	45.92 1.34 1.66	45.73 1.50 2.78	47.35 1.83 0.06	49.95 1.87 0.01	54.85 2.16 0.01	56.85 2.19 0.01	63.76 3.21 0.00	58.50 3.26 0.00	51.52 2.87 0.00	46.64 3.11 -0.83	43.43 2.88 0.65	40.67 1.94 0.00
NSINS_S_GLNS_FALLS 23858	41.56 1.25 0.00	38.24 1.15 0.00	37.77 1.10 0.00	36.66 1.14 0.00	37.07 1.08 0.00	39.42 1.30 0.00	50.23 1.46 0.00	60.84 1.77 0.00	64.60 1.58 0.00	52.84 1.24 0.00	50.07 0.93 0.00	49.06 0.87 0.00	47.03 0.79 0.00	47.95 0.94 0.00	46.72 1.14 0.00	49.38 1.30 0.00	54.33 1.63 0.00	56.74 2.08 0.00	62.80 2.24 0.00	57.18 1.93 0.00	50.65 1.99 0.00	44.36 1.66 0.00	42.93 1.73 0.00	40.06 1.32 0.00
NUCOR_STEEL___DRP 24197	40.27 -0.04 0.00	36.98 -0.11 0.00	36.56 -0.11 0.00	35.35 -0.18 0.00	35.84 -0.14 0.00	37.97 -0.15 0.00	48.57 -0.20 0.00	58.95 -0.12 0.00	63.03 0.00 0.00	51.61 0.00 0.00	49.19 0.05 0.00	48.24 0.05 0.00	46.33 0.09 0.00	47.20 0.19 0.00	45.68 0.09 -0.01	48.26 0.05 -0.13	54.61 0.11 -1.81	57.51 0.05 -2.79	60.67 0.06 -0.06	55.42 0.17 -0.01	48.83 0.05 -0.12	42.75 -0.04 -0.10	41.12 -0.08 -0.01	38.82 0.08 -0.01
NUMBER_THREE_WT_PWR 323818	41.48 1.17 0.00	38.17 1.08 0.00	37.66 0.99 0.00	36.41 0.89 0.00	36.99 1.01 0.00	39.23 1.11 0.00	50.08 1.32 0.00	60.96 1.89 0.00	64.86 1.83 0.00	52.69 1.09 0.00	49.48 0.35 0.00	48.19 0.00 0.00	46.15 -0.09 0.00	46.82 -0.19 0.00	45.36 -0.23 0.00	47.98 -0.10 0.00	52.74 0.05 0.00	54.39 -0.27 0.00	60.43 -0.12 0.00	55.36 0.11 0.00	48.61 -0.05 0.00	42.86 0.17 0.00	41.32 0.12 0.00	38.90 0.16 0.00
NYISO_LBMP_REFERENCE 24008	40.31 0.00 0.00	37.09 0.00 0.00	36.67 0.00 0.00	35.52 0.00 0.00	35.99 0.00 0.00	38.12 0.00 0.00	48.77 0.00 0.00	59.07 0.00 0.00	63.03 0.00 0.00	51.61 0.00 0.00	49.14 0.00 0.00	48.19 0.00 0.00	46.24 0.00 0.00	47.01 0.00 0.00	45.59 0.00 0.00	48.08 0.00 0.00	52.69 0.00 0.00	54.67 0.00 0.00	60.56 0.00 0.00	55.25 0.00 0.00	48.66 0.00 0.00	42.69 0.00 0.00	41.20 0.00 0.00	38.74 0.00 0.00
NYPA_BRENTWD____GT 24164	42.52 2.22 0.00	38.69 1.59 0.00	37.96 1.47 0.17	36.85 1.38 0.06	37.28 1.40 0.10	39.80 1.68 0.00	50.22 1.81 0.35	50.79 2.24 10.52	51.01 2.39 14.41	50.34 2.43 3.70	51.92 2.80 0.01	47.64 2.55 3.10	47.65 2.59 1.18	47.53 2.58 2.06	48.03 2.51 0.06	51.25 3.17 0.01	56.22 3.53 0.01	58.32 3.66 0.01	65.34 4.78 0.00	60.00 4.75 0.00	52.79 4.13 0.00	46.75 3.80 -0.26	45.23 4.04 0.00	41.76 3.02 0.00

NYPA_GOWANUS____GT5 24156	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.32 3.72 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.51 3.92 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.89 5.33 0.00	60.33 5.08 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.29 4.08 -0.01	42.08 3.33 -0.01
NYPA_GOWANUS____GT6 24157	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.81 2.28 -0.01	38.30 2.31 -0.01	40.65 2.52 -0.01	52.29 3.51 -0.01	62.73 3.66 0.00	66.68 3.65 0.00	55.32 3.72 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.51 3.92 0.00	52.45 4.37 0.00	57.49 4.79 0.00	59.53 4.86 0.00	65.89 5.33 0.00	60.33 5.08 0.00	53.37 4.72 0.00	46.83 4.14 0.00	45.29 4.08 -0.01	42.08 3.33 -0.01
NYPA_HARLEM__RVR__GT1 24160	43.18 2.86 -0.01	39.51 2.41 -0.01	38.99 2.31 -0.01	37.73 2.20 -0.01	38.23 2.23 -0.01	40.61 2.48 -0.01	52.03 3.27 0.00	62.19 3.13 0.00	66.36 3.34 0.01	55.06 3.46 0.01	52.76 3.64 0.01	51.80 3.62 0.01	49.89 3.65 0.01	50.81 3.81 0.01	49.27 3.69 0.01	52.16 4.08 0.01	57.06 4.37 0.01	59.08 4.43 0.01	65.39 4.85 0.01	59.82 4.58 0.01	53.03 4.38 0.01	46.49 3.80 0.00	45.16 3.96 -0.01	41.96 3.21 -0.01
NYPA_HARLEM__RVR__GT2 24161	43.18 2.86 -0.01	39.51 2.41 -0.01	38.99 2.31 -0.01	37.73 2.20 -0.01	38.23 2.23 -0.01	40.61 2.48 -0.01	52.03 3.27 0.00	62.19 3.13 0.00	66.36 3.34 0.01	55.06 3.46 0.01	52.76 3.64 0.01	51.80 3.62 0.01	49.89 3.65 0.01	50.81 3.81 0.01	49.27 3.69 0.01	52.16 4.08 0.01	57.06 4.37 0.01	59.08 4.43 0.01	65.39 4.85 0.01	59.82 4.58 0.01	53.03 4.38 0.01	46.49 3.80 0.00	45.16 3.96 -0.01	41.96 3.21 -0.01
NYPA_KENT____GT 24152	43.14 2.82 -0.01	39.48 2.38 -0.01	38.95 2.27 -0.01	37.74 2.20 -0.01	38.23 2.23 -0.01	40.57 2.44 -0.01	52.18 3.41 0.00	62.67 3.60 0.00	66.68 3.65 0.00	55.32 3.72 0.00	52.97 3.84 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.05 4.04 0.00	49.46 3.87 0.00	52.41 4.33 0.00	57.38 4.69 0.00	59.48 4.81 0.00	65.76 5.21 0.00	60.22 4.97 0.00	53.28 4.62 0.00	46.75 4.06 0.00	45.16 3.96 -0.01	42.00 3.25 -0.01
NYPA_POUCH1____GT 24155	43.38 3.06 -0.01	39.70 2.60 -0.01	39.20 2.53 -0.01	37.95 2.42 -0.01	38.44 2.45 -0.01	40.80 2.67 -0.01	52.48 3.70 -0.01	62.90 3.84 0.00	66.75 3.72 0.00	55.32 3.72 0.00	53.02 3.88 0.00	52.05 3.86 0.00	50.17 3.93 0.00	51.10 4.09 0.00	49.55 3.96 0.00	52.50 4.42 0.00	57.59 4.90 0.00	59.64 4.97 0.00	66.01 5.45 0.00	60.44 5.19 0.00	53.47 4.82 0.00	46.96 4.27 0.00	45.41 4.20 -0.01	42.20 3.45 -0.01
NYPA_VERNON____GT2 24162	43.06 2.74 -0.01	39.40 2.30 -0.01	38.88 2.20 -0.01	37.63 2.10 -0.01	38.12 2.12 -0.01	40.46 2.33 -0.01	52.04 3.27 0.00	62.55 3.48 0.00	66.68 3.65 0.00	55.27 3.66 0.00	52.97 3.84 0.00	52.00 3.81 0.00	50.08 3.84 0.00	51.00 3.99 0.00	49.46 3.87 0.00	52.36 4.28 0.00	57.33 4.64 0.00	59.37 4.70 0.00	65.64 5.09 0.00	60.11 4.86 0.00	53.23 4.57 0.00	46.62 3.93 0.00	45.08 3.87 -0.01	41.89 3.14 -0.01
NYPA_VERNON____GT3 24163	43.06 2.74 -0.01	39.40 2.30 -0.01	38.88 2.20 -0.01	37.63 2.10 -0.01	38.12 2.12 -0.01	40.46 2.33 -0.01	52.04 3.27 0.00	62.55 3.48 0.00	66.68 3.65 0.00	55.27 3.66 0.00	52.97 3.84 0.00	52.00 3.81 0.00	50.08 3.84 0.00	51.00 3.99 0.00	49.46 3.87 0.00	52.36 4.28 0.00	57.33 4.64 0.00	59.37 4.70 0.00	65.64 5.09 0.00	60.11 4.86 0.00	53.23 4.57 0.00	46.62 3.93 0.00	45.08 3.87 -0.01	41.89 3.14 -0.01
NYPA____ASTORIA_CC1 323568	43.02 2.70 -0.01	39.36 2.26 -0.01	38.84 2.16 -0.01	37.63 2.10 -0.01	38.12 2.12 -0.01	40.46 2.33 -0.01	52.03 3.27 0.00	62.43 3.37 0.00	66.56 3.53 0.00	55.22 3.61 0.00	52.92 3.78 0.00	51.95 3.76 0.00	50.03 3.79 0.00	50.96 3.95 0.00	49.37 3.78 0.00	52.26 4.18 0.00	57.22 4.53 0.00	59.26 4.59 0.00	65.52 4.97 0.00	60.00 4.75 0.00	53.13 4.47 0.00	46.58 3.88 0.00	45.04 3.83 -0.01	41.89 3.14 -0.01
NYPA____ASTORIA_CC2 323569	43.02 2.70 -0.01	39.36 2.26 -0.01	38.84 2.16 -0.01	37.63 2.10 -0.01	38.12 2.12 -0.01	40.46 2.33 -0.01	52.03 3.27 0.00	62.43 3.37 0.00	66.56 3.53 0.00	55.22 3.61 0.00	52.92 3.78 0.00	51.95 3.76 0.00	50.03 3.79 0.00	50.96 3.95 0.00	49.37 3.78 0.00	52.26 4.18 0.00	57.22 4.53 0.00	59.26 4.59 0.00	65.52 4.97 0.00	60.00 4.75 0.00	53.13 4.47 0.00	46.58 3.88 0.00	45.04 3.83 -0.01	41.89 3.14 -0.01
NYPA____HOLTSVILL 23794	41.75 1.45 0.00	38.02 0.93 0.00	35.56 0.69 1.80	35.62 0.67 0.58	35.62 0.68 1.05	39.08 0.95 0.00	49.47 1.12 0.42	45.55 1.18 14.70	45.44 1.33 18.92	47.56 1.55 5.59	50.99 1.87 0.02	45.59 1.78 4.39	46.43 1.85 1.67	46.20 1.97 2.79	47.75 2.23 0.06	50.43 2.36 0.01	55.32 2.63 0.01	57.34 2.68 0.01	64.25 3.69 0.00	59.00 3.76 0.00	51.91 3.26 0.00	46.32 3.46 -0.18	44.45 3.25 0.00	41.02 2.29 0.00
NYPA____HELLGATE_GT1 24158	43.18 2.86 -0.01	39.51 2.41 -0.01	38.99 2.31 -0.01	37.73 2.20 -0.01	38.23 2.23 -0.01	40.61 2.48 -0.01	52.03 3.27 0.00	62.19 3.13 0.00	66.36 3.34 0.01	55.06 3.46 0.01	52.76 3.64 0.01	51.80 3.62 0.01	49.89 3.65 0.01	50.81 3.81 0.01	49.27 3.69 0.01	52.16 4.08 0.01	57.06 4.37 0.01	59.08 4.43 0.01	65.39 4.85 0.01	59.82 4.58 0.01	53.03 4.38 0.01	46.49 3.80 0.00	45.16 3.96 -0.01	41.96 3.21 -0.01
NYPA____HELLGATE_GT2 24159	43.18 2.86 -0.01	39.51 2.41 -0.01	38.99 2.31 -0.01	37.73 2.20 -0.01	38.23 2.23 -0.01	40.61 2.48 -0.01	52.03 3.27 0.00	62.19 3.13 0.00	66.36 3.34 0.01	55.06 3.46 0.01	52.76 3.64 0.01	51.80 3.62 0.01	49.89 3.65 0.01	50.81 3.81 0.01	49.27 3.69 0.01	52.16 4.08 0.01	57.06 4.37 0.01	59.08 4.43 0.01	65.39 4.85 0.01	59.82 4.58 0.01	53.03 4.38 0.01	46.49 3.80 0.00	45.16 3.96 -0.01	41.96 3.21 -0.01
NYS_BARGE____HYD 23848	38.50 -1.81 0.00	35.50 -1.59 0.00	35.28 -1.39 0.00	33.96 -1.56 0.00	33.90 -2.09 0.00	35.38 -2.75 0.00	43.81 -4.92 0.03	53.07 -5.32 0.68	51.14 -5.48 6.40	45.05 -4.28 2.27	40.81 -3.98 4.35	38.35 -3.81 6.04	37.17 -3.37 5.70	37.15 -3.29 6.57	35.74 -3.33 6.52	36.45 -4.66 6.96	35.06 -5.59 12.05	37.66 -5.41 11.60	49.72 -5.63 5.21	44.31 -3.98 6.96	38.47 -3.99 6.19	34.59 -3.25 4.85	37.80 -3.38 0.02	36.25 -2.48 0.02
OAK ORCHARD____HYD 24046	39.34 -0.97 0.00	36.17 -0.93 0.00	35.83 -0.84 0.00	34.60 -0.92 0.00	34.91 -1.08 0.00	36.83 -1.30 0.00	46.62 -2.14 0.00	56.53 -2.54 0.00	60.52 -2.52 -0.01	49.70 -1.91 0.00	47.47 -1.67 -0.01	46.61 -1.59 -0.01	44.87 -1.39 -0.01	45.70 -1.32 -0.01	44.44 -1.14 0.01	45.91 -2.02 0.16	47.71 -2.37 2.61	48.78 -2.35 3.54	58.13 -2.36 0.07	53.19 -2.04 0.01	46.13 -2.38 0.14	40.70 -1.88 0.11	39.42 -1.77 0.01	37.49 -1.24 0.01

OAKDALE___35_KV_LOAD 356122	40.43 0.12 0.00	37.17 0.07 0.00	36.78 0.11 0.00	35.56 0.04 0.00	35.95 -0.04 0.00	38.01 -0.11 0.00	48.62 -0.15 0.00	59.13 0.06 0.00	63.22 0.19 0.00	51.81 0.21 0.00	49.33 0.20 0.00	48.43 0.24 0.00	46.52 0.28 0.00	47.38 0.38 0.00	45.77 0.18 0.00	48.32 0.24 0.00	51.01 0.26 1.94	54.94 0.27 0.00	60.86 0.30 0.00	55.75 0.50 0.00	49.09 0.44 0.00	42.99 0.30 0.00	41.40 0.21 0.00	38.86 0.12 0.00
OCC_CHEM___DRP 24175	37.57 -2.74 0.00	34.64 -2.45 0.00	34.51 -2.16 0.00	33.21 -2.31 0.00	33.14 -2.84 0.00	34.50 -3.62 0.00	42.44 -6.29 0.03	52.08 -6.26 0.73	49.70 -6.37 6.96	44.24 -4.90 2.47	39.79 -4.62 4.73	37.15 -4.48 6.57	36.02 -4.02 6.20	35.92 -3.95 7.14	34.23 -4.47 6.89	35.34 -5.29 7.45	33.73 -6.27 12.69	36.14 -6.18 12.35	48.32 -6.66 5.57	43.35 -4.81 7.09	37.46 -4.67 6.53	33.57 -4.01 5.11	36.77 -4.41 0.02	35.32 -3.41 0.02
OH_GEN_PROXY 24063	37.97 -2.34 0.00	34.98 -2.11 0.00	34.80 -1.87 0.00	33.50 -2.02 0.00	33.47 -2.52 0.00	34.96 -3.16 0.00	43.52 -5.22 0.03	52.39 -6.03 0.65	50.68 -6.11 6.24	44.60 -4.80 2.21	40.43 -4.47 4.24	38.02 -4.29 5.88	36.80 -3.88 5.56	36.80 -3.81 6.40	35.67 -3.78 6.13	36.30 -5.10 6.68	34.56 -6.01 12.13	37.30 -5.85 11.52	49.39 -6.18 4.99	44.67 -4.53 6.05	38.60 -4.43 5.63	35.30 -3.63 3.76	36.99 -3.54 0.66	35.90 -2.83 0.02
OLIN_CORP_DRP 24177	38.17 -2.14 0.00	35.20 -1.89 0.00	35.02 -1.65 0.00	33.68 -1.85 0.00	33.61 -2.38 0.00	35.00 -3.13 0.00	42.98 -5.75 0.03	52.07 -6.26 0.73	49.84 -6.30 6.89	44.30 -4.85 2.45	39.88 -4.57 4.69	37.31 -4.39 6.50	36.17 -3.93 6.14	36.13 -3.81 7.07	34.35 -4.29 6.95	35.51 -5.19 7.38	33.83 -6.22 12.64	36.28 -6.12 12.26	48.56 -6.48 5.52	43.37 -4.59 7.29	37.72 -4.53 6.41	33.79 -3.88 5.02	37.19 -4.00 0.02	35.97 -2.75 0.02
OLIN_CORP_DSASP 323712	37.57 -2.74 0.00	34.64 -2.45 0.00	34.51 -2.16 0.00	33.21 -2.31 0.00	33.14 -2.84 0.00	34.58 -3.54 0.00	42.68 -6.05 0.03	51.19 -7.15 0.73	49.70 -6.36 6.96	44.14 -5.00 2.47	39.79 -4.62 4.73	37.19 -4.43 6.57	36.02 -4.02 6.20	35.92 -3.95 7.14	34.87 -3.83 6.89	35.34 -5.29 7.45	33.46 -6.27 12.96	36.20 -6.12 12.35	48.50 -6.48 5.57	43.47 -4.70 7.09	37.53 -4.62 6.51	33.88 -3.71 5.09	37.02 -4.16 0.02	35.32 -3.41 0.02
ONEIDA_HERK_LFGE 323681	41.27 0.97 0.00	37.98 0.89 0.00	37.51 0.84 0.00	36.27 0.75 0.00	36.81 0.83 0.00	39.08 0.95 0.00	49.99 1.22 0.00	60.72 1.65 0.00	64.73 1.70 0.00	52.74 1.13 0.00	49.97 0.83 0.00	48.82 0.62 0.00	46.80 0.56 0.00	47.57 0.57 0.00	46.09 0.50 0.00	48.70 0.62 0.00	53.48 0.79 0.00	55.27 0.60 0.00	61.34 0.79 0.00	56.13 0.88 0.00	49.34 0.68 0.00	43.37 0.68 0.00	41.77 0.58 0.00	39.32 0.58 0.00
ONEIDA___115KV_TB4 55905	41.36 1.05 0.00	38.02 0.93 0.00	37.55 0.88 0.00	36.34 0.82 0.00	36.89 0.90 0.00	39.15 1.03 0.00	50.13 1.37 0.00	60.90 1.83 0.00	64.92 1.89 0.00	53.00 1.39 0.00	50.36 1.23 0.00	49.30 1.11 0.00	47.31 1.06 0.00	48.14 1.13 0.00	46.63 1.05 0.00	49.33 1.20 -0.05	54.06 1.37 0.00	57.05 1.26 -1.12	62.03 1.45 -0.02	56.80 1.55 0.00	49.97 1.27 -0.05	43.84 1.11 -0.04	42.19 0.99 0.00	39.67 0.93 0.00
ONONDAGA_REF_OCCRA 23987	39.99 -0.32 0.00	36.76 -0.33 0.00	36.30 -0.37 0.00	35.13 -0.39 0.00	35.63 -0.36 0.00	37.74 -0.38 0.00	48.28 -0.49 0.00	58.59 -0.47 0.00	62.65 -0.38 0.00	51.35 -0.26 0.00	48.89 -0.25 0.00	48.00 -0.19 0.00	46.06 -0.18 0.00	46.91 -0.09 0.00	45.45 -0.14 0.00	47.97 -0.19 -0.09	53.87 -0.16 -1.34	56.27 -0.27 -1.87	60.35 -0.24 -0.04	55.14 -0.11 -0.01	48.55 -0.19 -0.08	42.50 -0.26 -0.07	40.91 -0.29 0.00	38.59 -0.15 0.00
ONONDAGA___COGEN 23986	40.03 -0.28 0.00	36.80 -0.30 0.00	36.34 -0.33 0.00	35.17 -0.36 0.00	35.66 -0.32 0.00	37.78 -0.34 0.00	48.33 -0.44 0.00	58.65 -0.41 0.00	62.65 -0.38 0.00	51.40 -0.21 0.00	48.99 -0.15 0.00	48.05 -0.14 0.00	46.15 -0.09 0.00	47.01 0.00 0.00	45.49 -0.09 0.00	47.94 -0.14 0.00	52.53 -0.16 0.00	54.39 -0.27 0.00	60.25 -0.30 0.00	55.08 -0.17 0.00	48.41 -0.24 0.00	42.44 -0.26 0.00	40.91 -0.29 0.00	38.63 -0.12 0.00
ONTARIO___LFGE 23819	40.07 -0.24 0.00	36.79 -0.30 0.00	36.41 -0.25 0.00	35.10 -0.42 0.00	35.41 -0.58 0.00	37.48 -0.65 0.00	47.86 -0.93 -0.02	58.52 -0.95 -0.40	66.01 -0.88 -3.86	52.15 -0.83 -1.37	50.97 -0.79 -2.62	51.06 -0.77 -3.64	48.99 -0.69 -3.44	50.41 -0.56 -3.97	48.53 -0.82 -3.77	50.75 -0.96 -3.63	50.58 -0.90 1.22	50.46 -0.77 3.44	62.45 -0.97 -2.86	59.16 -0.77 -4.68	51.64 -0.87 -3.86	44.90 -0.81 -3.02	40.27 -0.91 0.02	38.06 -0.66 0.02
ORANGEVILLE_WT_PWR 323706	38.78 -1.53 0.00	35.57 -1.52 0.00	35.28 -1.39 0.00	33.75 -1.78 0.00	33.58 -2.41 0.00	35.04 -3.09 0.00	43.86 -4.78 0.13	51.06 -5.20 2.81	30.72 -5.48 26.83	37.56 -4.54 9.51	26.54 -4.37 18.22	18.65 -4.24 25.30	18.36 -3.98 23.90	15.58 -3.90 27.53	10.91 -4.38 30.30	11.19 -4.85 32.03	6.50 -5.48 40.71	11.64 -5.36 37.68	30.49 -5.87 24.19	14.55 -4.81 35.89	12.26 -4.23 32.17	13.67 -3.84 25.18	37.38 -3.79 0.03	35.50 -3.22 0.03
ORANGEVILLE___ESR 323794	38.78 -1.53 0.00	35.57 -1.52 0.00	35.28 -1.39 0.00	33.75 -1.78 0.00	33.58 -2.41 0.00	35.04 -3.09 0.00	43.86 -4.78 0.13	51.06 -5.20 2.81	30.72 -5.48 26.83	37.56 -4.54 9.51	26.54 -4.37 18.22	18.65 -4.24 25.30	18.36 -3.98 23.90	15.58 -3.90 27.53	10.91 -4.38 30.30	11.19 -4.85 32.03	6.50 -5.48 40.71	11.64 -5.36 37.68	30.49 -5.87 24.19	14.55 -4.81 35.89	12.26 -4.23 32.17	13.67 -3.84 25.18	37.38 -3.79 0.03	35.50 -3.22 0.03
OSWEGATCHIE___HYD 24044	41.40 1.09 0.00	38.17 1.08 0.00	37.62 0.95 0.00	36.37 0.85 0.00	36.96 0.97 0.00	39.19 1.07 0.00	49.93 1.17 0.00	60.72 1.65 0.00	64.67 1.64 0.00	52.54 0.93 0.00	49.82 0.69 0.00	48.67 0.48 0.00	46.52 0.28 0.00	47.10 0.09 0.00	45.54 -0.05 0.00	48.18 0.10 0.00	52.74 0.05 0.00	54.17 -0.49 0.00	60.13 -0.42 0.00	54.97 -0.27 0.00	48.32 -0.34 0.00	42.82 0.13 0.00	41.40 0.21 0.00	38.98 0.23 0.00
OSWEGO___5 23606	39.38 -0.93 0.00	36.20 -0.89 0.00	35.75 -0.92 0.00	34.64 -0.89 0.00	35.09 -0.90 0.00	37.17 -0.95 0.00	47.50 -1.27 0.00	57.59 -1.47 0.00	61.46 -1.57 0.00	50.37 -1.24 0.00	48.01 -1.13 0.00	47.09 -1.11 0.00	45.22 -1.02 0.00	46.02 -0.99 0.00	44.63 -0.96 0.00	46.98 -1.10 0.00	51.48 -1.21 0.00	53.41 -1.26 0.00	59.17 -1.39 0.00	54.03 -1.22 0.00	47.49 -1.17 0.00	41.67 -1.03 0.00	40.21 -0.99 0.00	37.97 -0.77 0.00
OSWEGO___6 23613	39.38 -0.93 0.00	36.20 -0.89 0.00	35.75 -0.92 0.00	34.64 -0.89 0.00	35.09 -0.90 0.00	37.17 -0.95 0.00	47.50 -1.27 0.00	57.59 -1.47 0.00	61.46 -1.57 0.00	50.37 -1.24 0.00	48.01 -1.13 0.00	47.09 -1.11 0.00	45.22 -1.02 0.00	46.02 -0.99 0.00	44.63 -0.96 0.00	46.98 -1.10 0.00	51.48 -1.21 0.00	53.41 -1.26 0.00	59.17 -1.39 0.00	54.03 -1.22 0.00	47.49 -1.17 0.00	41.67 -1.03 0.00	40.21 -0.99 0.00	37.97 -0.77 0.00

OUTOKUMPU-AB___DRP 24206	38.45 -1.85 0.00	35.42 -1.67 0.00	35.24 -1.43 0.00	33.85 -1.67 0.00	33.79 -2.20 0.00	35.15 -2.97 0.00	43.66 -5.07 0.03	53.16 -5.14 0.77	50.54 -5.17 7.32	45.09 -3.92 2.59	40.48 -3.69 4.97	37.73 -3.57 6.90	36.53 -3.19 6.52	36.40 -3.10 7.51	34.56 -3.78 7.24	35.87 -4.42 7.79	34.30 -5.32 13.07	36.69 -5.19 12.78	49.10 -5.63 5.82	43.56 -4.03 7.66	37.86 -3.84 6.95	33.92 -3.33 5.44	37.68 -3.50 0.02	36.01 -2.71 0.02
OXBOW___BTM 323836	38.05 -2.26 0.00	35.05 -2.04 0.00	34.91 -1.76 0.00	33.57 -1.95 0.00	33.50 -2.48 0.00	34.96 -3.16 0.00	43.32 -5.41 0.03	52.12 -6.20 0.75	50.22 -5.67 7.14	44.64 -4.44 2.53	40.21 -4.08 4.85	37.56 -3.90 6.74	36.36 -3.52 6.36	36.25 -3.43 7.33	35.01 -3.51 7.07	35.65 -4.81 7.62	33.85 -5.69 13.15	36.52 -5.58 12.57	48.92 -5.93 5.70	43.62 -4.25 7.37	37.75 -4.18 6.73	34.01 -3.42 5.27	37.43 -3.75 0.02	35.70 -3.02 0.02
OXBOW___ 24026	38.05 -2.26 0.00	35.05 -2.04 0.00	34.91 -1.76 0.00	33.57 -1.95 0.00	33.50 -2.48 0.00	34.88 -3.24 0.00	43.12 -5.61 0.03	52.71 -5.61 0.75	50.22 -5.67 7.14	44.69 -4.39 2.53	40.16 -4.13 4.85	37.51 -3.95 6.74	36.32 -3.56 6.36	36.25 -3.43 7.33	34.46 -4.06 7.07	35.65 -4.81 7.62	34.12 -5.69 12.88	36.47 -5.63 12.57	48.80 -6.06 5.70	43.51 -4.36 7.37	37.73 -4.18 6.74	33.79 -3.63 5.28	37.27 -3.91 0.02	35.70 -3.02 0.02
OXY_CHEM_DSASP 323612	37.57 -2.74 0.00	34.64 -2.45 0.00	34.51 -2.16 0.00	33.21 -2.31 0.00	33.14 -2.84 0.00	34.50 -3.62 0.00	42.44 -6.29 0.03	52.08 -6.26 0.73	49.70 -6.37 6.96	44.24 -4.90 2.47	39.79 -4.62 4.73	37.15 -4.48 6.57	36.02 -4.02 6.20	35.92 -3.95 7.14	34.23 -4.47 6.89	35.34 -5.29 7.45	33.73 -6.27 12.69	36.14 -6.18 12.35	48.32 -6.66 5.57	43.35 -4.81 7.09	37.46 -4.67 6.53	33.57 -4.01 5.11	36.77 -4.41 0.02	35.32 -3.41 0.02
OZONE_PARK_ESR 323760	43.09 2.78 0.00	39.43 2.34 0.00	38.91 2.24 0.00	37.65 2.13 0.00	38.14 2.16 0.00	40.53 2.40 0.00	52.23 3.46 0.00	63.20 4.13 0.00	67.44 4.41 0.00	55.73 4.13 0.00	53.26 4.13 0.00	52.34 4.14 0.00	50.40 4.16 0.00	51.33 4.32 0.00	49.92 4.33 0.00	52.65 4.57 0.00	57.75 5.06 0.00	59.81 5.14 0.00	66.37 5.81 0.00	60.66 5.41 0.00	53.62 4.96 0.00	46.96 4.27 0.00	45.28 4.08 0.00	41.96 3.22 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	37.57 -2.74 0.00	34.64 -2.45 0.00	34.51 -2.16 0.00	33.21 -2.31 0.00	33.14 -2.84 0.00	34.50 -3.62 0.00	42.44 -6.29 0.03	52.08 -6.26 0.73	49.70 -6.37 6.96	44.24 -4.90 2.47	39.79 -4.62 4.73	37.15 -4.48 6.57	36.02 -4.02 6.20	35.92 -3.95 7.14	34.23 -4.47 6.89	35.34 -5.29 7.45	33.73 -6.27 12.69	36.14 -6.18 12.35	48.32 -6.66 5.57	43.35 -4.81 7.09	37.46 -4.67 6.53	33.57 -4.01 5.11	36.77 -4.41 0.02	35.32 -3.41 0.02
PACKARD___115KV_DUPONT_184 80571	37.57 -2.74 0.00	34.64 -2.45 0.00	34.51 -2.16 0.00	33.21 -2.31 0.00	33.14 -2.84 0.00	34.58 -3.54 0.00	42.68 -6.05 0.03	51.19 -7.15 0.73	49.70 -6.36 6.96	44.14 -5.00 2.47	39.79 -4.62 4.73	37.19 -4.43 6.57	36.02 -4.02 6.20	35.92 -3.95 7.14	34.87 -3.83 6.89	35.34 -5.29 7.45	33.46 -6.27 12.96	36.20 -6.12 12.35	48.50 -6.48 5.57	43.47 -4.70 7.09	37.53 -4.62 6.51	33.88 -3.71 5.09	37.02 -4.16 0.02	35.32 -3.41 0.02
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	43.18 2.86 -0.01	39.51 2.41 -0.01	39.02 2.35 -0.01	37.73 2.20 -0.01	38.22 2.23 -0.01	40.61 2.48 -0.01	52.03 3.27 0.00	62.26 3.19 0.00	66.31 3.28 0.00	54.96 3.35 0.00	52.58 3.44 0.00	51.76 3.57 0.00	49.85 3.61 0.00	50.77 3.76 0.00	49.37 3.78 0.00	52.12 4.04 0.00	57.07 4.37 0.00	59.04 4.37 0.00	65.34 4.78 0.00	59.83 4.59 0.00	52.94 4.28 0.00	46.58 3.88 0.00	45.20 4.00 -0.01	41.97 3.22 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	43.66 3.35 -0.01	39.96 2.86 -0.01	39.46 2.79 -0.01	38.16 2.63 -0.01	38.66 2.66 -0.01	41.03 2.90 -0.01	52.62 3.85 0.00	62.96 3.90 0.00	67.00 3.97 0.00	55.53 3.92 0.00	53.12 3.98 0.00	52.24 4.05 0.00	50.31 4.07 0.00	51.24 4.23 0.00	49.82 4.24 0.00	52.60 4.52 0.00	57.59 4.90 0.00	59.59 4.92 0.00	65.95 5.39 0.00	60.39 5.14 0.00	53.42 4.77 0.00	47.05 4.35 0.00	45.66 4.45 -0.01	42.39 3.64 -0.01
PATROON___115KV_TB1 80586	40.75 0.44 0.00	37.65 0.56 0.00	37.18 0.51 0.00	36.13 0.60 0.00	36.53 0.54 0.00	38.66 0.53 0.00	49.40 0.63 0.00	59.77 0.71 0.00	63.72 0.69 0.00	52.23 0.62 0.00	49.63 0.49 0.00	48.72 0.53 0.00	46.80 0.55 0.00	47.67 0.66 0.00	46.41 0.82 0.00	49.04 0.96 0.00	53.75 1.05 0.00	55.92 1.26 0.00	61.89 1.33 0.00	56.41 1.16 0.00	49.82 1.17 0.00	43.67 0.98 0.00	42.23 1.03 0.00	39.52 0.77 0.00
PATTRSNVILLE___SOLAR 323815	41.48 1.17 0.00	38.13 1.04 0.00	37.69 1.03 0.00	36.55 1.03 0.00	36.99 1.01 0.00	39.27 1.14 0.00	50.23 1.46 0.00	60.90 1.83 0.00	64.48 1.45 0.00	52.54 0.93 0.00	49.82 0.69 0.00	48.82 0.62 0.00	46.98 0.74 0.00	47.90 0.89 0.00	46.63 1.05 0.00	49.38 1.30 0.00	54.33 1.64 0.00	56.69 2.02 0.00	62.86 2.30 0.00	57.29 2.05 0.00	50.60 1.95 0.00	44.31 1.62 0.00	42.80 1.61 0.00	40.02 1.28 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	38.45 -1.85 0.00	35.35 -1.74 0.00	35.17 -1.50 0.00	33.75 -1.78 0.00	33.68 -2.30 0.00	35.07 -3.05 0.00	45.17 -3.56 0.04	55.17 -3.07 0.83	52.14 -3.03 7.87	46.55 -2.27 2.79	41.63 -2.16 5.34	38.75 -2.02 7.42	37.48 -1.76 7.01	37.34 -1.60 8.07	35.17 -3.10 7.31	37.31 -2.88 7.89	35.54 -3.53 13.63	37.77 -3.33 13.56	50.67 -4.00 5.89	44.24 -3.26 7.75	39.27 -2.34 7.05	34.99 -2.18 5.52	38.95 -2.22 0.02	35.93 -2.79 0.02
PAWLING_115_KV_BK3_REV_LBMP_H 345028	42.65 2.34 0.00	39.13 2.04 0.00	38.65 1.98 0.00	37.44 1.92 0.00	37.89 1.91 0.00	40.14 2.02 0.00	51.55 2.78 0.00	62.37 3.31 0.00	66.68 3.66 0.00	54.91 3.30 0.00	52.48 3.34 0.00	51.52 3.33 0.00	49.62 3.38 0.00	50.58 3.57 0.00	49.10 3.51 0.00	51.93 3.85 0.00	57.01 4.32 0.00	59.04 4.37 0.00	65.40 4.84 0.00	59.78 4.53 0.00	52.89 4.23 0.00	46.28 3.59 0.00	44.62 3.42 0.00	41.41 2.67 0.00
PEEKSKILL___ 23653	42.44 2.13 0.00	38.87 1.78 0.00	38.39 1.72 0.00	37.16 1.63 0.00	37.64 1.66 0.00	39.95 1.83 0.00	51.35 2.58 0.00	62.14 3.07 0.00	66.37 3.34 0.00	54.70 3.10 0.00	52.33 3.19 0.00	51.37 3.18 0.00	49.48 3.24 0.00	50.35 3.34 0.00	48.82 3.24 0.00	51.64 3.56 0.00	56.65 3.95 0.00	58.71 4.05 0.00	65.10 4.54 0.00	59.50 4.25 0.00	52.60 3.94 0.00	46.02 3.33 0.00	44.37 3.17 0.00	41.26 2.52 0.00
PGE MADISON___WINDPWR 24146	42.40 2.10 0.00	39.02 1.93 0.00	38.61 1.94 0.00	37.30 1.78 0.00	37.82 1.84 0.00	40.34 2.21 0.00	51.60 2.83 -0.01	62.98 3.78 -0.14	68.14 3.78 -1.32	54.76 2.68 -0.47	52.35 2.31 -0.90	51.37 1.93 -1.25	49.18 1.76 -1.18	50.11 1.74 -1.36	48.33 1.46 -1.29	51.73 1.83 -1.82	63.05 2.21 -8.15	69.00 2.30 -12.04	64.44 2.66 -1.22	59.86 2.87 -1.74	52.99 2.34 -2.00	46.01 1.75 -1.57	42.79 1.57 -0.02	40.28 1.51 -0.02

PIERCEFIELD___HYD 23852	41.40 1.09 0.00	38.21 1.11 0.00	37.70 1.03 0.00	36.45 0.92 0.00	36.99 1.01 0.00	39.27 1.14 0.00	50.03 1.27 0.00	60.66 1.59 0.00	64.73 1.70 0.00	52.59 0.98 0.00	50.27 1.13 0.00	49.16 0.96 0.00	46.89 0.65 0.00	47.38 0.38 0.00	45.81 0.23 0.00	48.37 0.29 0.00	52.74 0.05 0.00	54.23 -0.44 0.00	59.95 -0.61 0.00	54.64 -0.61 0.00	48.12 -0.54 0.00	42.69 0.00 0.00	41.49 0.29 0.00	39.01 0.27 0.00
PINELAWN_CC_1 323563	42.32 2.01 0.00	38.50 1.41 0.00	37.83 1.25 0.09	36.66 1.17 0.03	37.12 1.19 0.05	39.61 1.49 0.00	50.31 1.85 0.31	52.08 2.19 9.18	52.74 2.33 12.62	50.72 2.32 3.21	51.73 2.60 0.01	48.00 2.50 2.70	47.80 2.54 0.98	47.92 2.68 1.77	48.37 2.83 0.05	50.72 2.64 0.01	55.53 2.84 0.01	57.61 2.95 0.01	64.25 3.69 0.00	59.23 3.98 0.00	52.16 3.51 0.00	47.06 3.93 -0.44	45.07 3.87 0.00	41.57 2.83 0.00
PJM_GEN_HTTP_PROXY 323702	42.77 2.46 0.00	39.13 2.04 0.00	38.61 1.94 0.00	37.40 1.88 0.00	37.89 1.91 0.00	40.22 2.10 0.00	51.84 3.07 0.00	62.67 3.60 0.00	66.87 3.85 0.00	55.32 3.72 0.00	52.87 3.73 0.00	51.90 3.71 0.00	49.99 3.74 0.00	50.91 3.90 0.00	49.37 3.78 0.00	52.22 4.14 0.00	57.17 4.48 0.00	59.26 4.59 0.00	65.70 5.14 0.00	60.11 4.86 0.00	53.13 4.47 0.00	47.10 3.76 -0.65	44.13 3.58 0.65	41.65 2.91 0.00
PJM_GEN_KEystone 24065	40.23 -0.08 0.00	36.95 -0.15 0.00	36.60 -0.07 0.00	35.31 -0.21 0.00	35.56 -0.43 0.00	37.51 -0.61 0.00	47.93 -0.83 0.01	58.26 -0.59 0.21	60.43 -0.57 2.04	50.63 -0.26 0.72	47.61 -0.15 1.38	46.18 -0.10 1.92	44.52 0.09 1.81	45.11 0.19 2.09	43.47 -0.37 1.75	45.86 -0.24 1.98	47.02 -0.42 5.25	49.18 -0.27 5.22	58.86 -0.24 1.45	53.78 0.11 1.58	47.31 0.20 1.54	42.13 0.00 0.56	40.41 -0.12 0.66	38.50 -0.23 0.01
PJM_GEN_NEPTUNE_PROXY 323594	42.00 1.69 0.01	38.28 1.19 0.00	37.65 0.99 0.01	36.48 0.96 0.01	36.95 0.97 0.01	39.34 1.22 0.00	50.05 1.66 0.38	49.68 1.89 11.28	49.52 2.08 15.59	49.86 2.17 3.91	51.53 2.41 0.02	47.23 2.36 3.32	47.32 2.40 1.32	47.27 2.54 2.27	48.25 2.73 0.07	50.86 2.79 0.01	55.74 3.05 0.01	57.83 3.17 0.01	64.61 4.06 0.01	59.33 4.09 0.01	52.20 3.55 0.01	47.00 3.63 -0.68	44.04 3.50 0.66	41.22 2.48 0.01
PJM_GEN_VFT_PROXY 323633	42.65 2.34 0.00	39.02 1.93 0.00	38.50 1.83 0.00	37.26 1.74 0.00	37.75 1.76 0.00	40.11 1.98 0.00	51.69 2.93 0.00	62.49 3.42 0.00	63.59 3.72 3.16	55.22 3.61 0.00	51.62 3.64 1.15	51.81 3.62 0.00	49.89 3.65 0.00	50.81 3.81 0.00	49.28 3.69 0.00	49.23 4.04 2.89	51.00 4.37 6.06	57.73 4.48 1.42	65.58 5.02 0.00	59.83 4.75 0.17	48.96 4.38 4.08	44.26 3.67 2.10	44.05 3.50 0.65	41.53 2.79 0.00
PLATSBURG_115KV_PMLD1 355749	40.51 0.20 0.00	37.39 0.30 0.00	36.93 0.26 0.00	35.74 0.21 0.00	36.27 0.29 0.00	38.58 0.46 0.00	49.50 0.73 0.00	59.72 0.65 0.00	63.91 0.88 0.00	52.07 0.46 0.00	49.73 0.59 0.00	48.58 0.39 0.00	46.24 0.00 0.00	46.59 -0.42 0.00	44.90 -0.68 0.00	47.26 -0.82 0.00	51.43 -1.26 0.00	53.30 -1.37 0.00	58.74 -1.82 0.00	53.26 -1.99 0.00	47.20 -1.46 0.00	41.75 -0.94 0.00	40.33 -0.87 0.00	37.93 -0.81 0.00
PLEASANTVLY___LBMP 24000	42.16 1.85 0.00	38.65 1.56 0.00	38.17 1.50 0.00	36.98 1.46 0.00	37.46 1.48 0.00	39.73 1.60 0.00	51.06 2.29 0.00	61.72 2.66 0.00	65.87 2.84 0.00	54.29 2.68 0.00	51.84 2.70 0.00	50.94 2.75 0.00	49.02 2.77 0.00	49.92 2.91 0.00	48.55 2.96 0.00	51.25 3.17 0.00	56.17 3.48 0.00	58.22 3.55 0.00	64.61 4.06 0.00	59.00 3.76 0.00	52.16 3.50 0.00	45.72 3.03 0.00	44.12 2.93 0.00	40.99 2.25 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	42.53 2.22 0.00	38.95 1.85 0.00	38.47 1.80 0.00	37.23 1.71 0.00	37.71 1.73 0.00	40.03 1.91 0.00	51.50 2.73 0.00	62.26 3.19 0.00	66.50 3.47 0.00	54.86 3.25 0.00	52.43 3.29 0.00	51.52 3.33 0.00	49.62 3.38 0.00	50.49 3.48 0.00	49.10 3.51 0.00	51.78 3.70 0.00	56.80 4.11 0.00	58.82 4.15 0.00	65.28 4.72 0.00	59.67 4.42 0.00	52.74 4.09 0.00	46.24 3.54 0.00	44.53 3.34 0.00	41.38 2.63 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	42.53 2.22 0.00	38.95 1.85 0.00	38.47 1.80 0.00	37.23 1.71 0.00	37.71 1.73 0.00	40.03 1.91 0.00	51.50 2.73 0.00	62.26 3.19 0.00	66.50 3.47 0.00	54.86 3.25 0.00	52.43 3.29 0.00	51.52 3.33 0.00	49.62 3.38 0.00	50.49 3.48 0.00	49.10 3.51 0.00	51.78 3.70 0.00	56.80 4.11 0.00	58.82 4.15 0.00	65.28 4.72 0.00	59.67 4.42 0.00	52.74 4.09 0.00	46.24 3.54 0.00	44.53 3.34 0.00	41.38 2.63 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	42.32 2.02 0.00	38.80 1.71 0.00	38.36 1.69 0.00	37.12 1.60 0.00	37.61 1.62 0.00	39.88 1.75 0.00	51.20 2.44 0.00	62.08 3.01 0.00	66.12 3.09 0.00	54.39 2.79 0.00	51.94 2.80 0.00	50.99 2.80 0.00	49.11 2.87 0.00	50.02 3.01 0.00	48.59 3.01 0.00	51.30 3.22 0.00	56.28 3.58 0.00	58.44 3.77 0.00	64.86 4.30 0.00	59.23 3.98 0.00	52.31 3.65 0.00	45.89 3.20 0.00	44.25 3.05 0.00	41.10 2.36 0.00
POLETTI_____ 23519	43.18 2.86 -0.01	39.51 2.41 -0.01	38.99 2.31 -0.01	37.73 2.20 -0.01	38.19 2.20 -0.01	40.61 2.48 -0.01	52.03 3.27 0.00	62.26 3.19 0.00	66.37 3.34 0.00	55.06 3.46 0.00	52.67 3.54 0.00	51.86 3.66 0.00	49.90 3.65 0.00	50.86 3.85 0.00	49.41 3.83 0.00	52.21 4.13 0.00	57.12 4.43 0.00	59.09 4.43 0.00	65.46 4.91 0.00	59.94 4.70 0.00	52.99 4.33 0.00	46.62 3.93 0.00	45.24 4.04 -0.01	41.97 3.22 -0.01
POMONA___ESR 323819	42.52 2.22 0.00	38.95 1.85 0.00	38.47 1.80 0.00	37.23 1.71 0.00	37.71 1.73 0.00	40.03 1.91 0.00	51.54 2.78 0.00	62.37 3.31 0.00	66.62 3.59 0.00	54.91 3.31 0.00	52.52 3.39 0.00	51.52 3.32 0.00	49.62 3.37 0.00	50.54 3.53 0.00	49.01 3.42 0.00	51.83 3.75 0.00	56.85 4.16 0.00	58.98 4.32 0.00	65.40 4.85 0.00	59.72 4.47 0.00	52.79 4.13 0.00	46.19 3.50 0.00	44.53 3.34 0.00	41.41 2.67 0.00
PORT_JEFF_3 23555	41.84 1.53 0.00	38.09 1.00 0.00	35.61 0.77 1.83	35.68 0.75 0.59	35.68 0.76 1.06	39.15 1.03 0.00	49.57 1.22 0.42	45.62 1.30 14.74	45.53 1.45 18.95	47.65 1.65 5.61	51.09 1.97 0.02	45.67 1.88 4.40	46.51 1.94 1.67	46.28 2.07 2.79	47.85 2.32 0.06	50.52 2.45 0.01	55.42 2.74 0.01	57.50 2.84 0.01	64.43 3.88 0.00	59.11 3.87 0.00	52.01 3.35 0.00	46.41 3.54 -0.18	44.53 3.34 0.00	41.10 2.36 0.00
PORT_JEFF_4 23616	41.84 1.53 0.00	38.09 1.00 0.00	35.61 0.77 1.83	35.68 0.75 0.59	35.68 0.76 1.06	39.15 1.03 0.00	49.57 1.22 0.42	45.62 1.30 14.74	45.53 1.45 18.95	47.65 1.65 5.61	51.09 1.97 0.02	45.67 1.88 4.40	46.51 1.94 1.67	46.28 2.07 2.79	47.85 2.32 0.06	50.52 2.45 0.01	55.42 2.74 0.01	57.50 2.84 0.01	64.43 3.88 0.00	59.11 3.87 0.00	52.01 3.35 0.00	46.41 3.54 -0.18	44.53 3.34 0.00	41.10 2.36 0.00

PORT_JEFF_IC 23713	41.92 1.61 0.00	38.13 1.04 0.00	35.56 0.81 1.92	35.69 0.78 0.61	35.66 0.79 1.11	39.23 1.11 0.00	49.62 1.27 0.42	45.58 1.42 14.90	45.51 1.58 19.10	47.62 1.70 5.69	51.04 1.92 0.02	45.67 1.93 4.46	46.59 2.03 1.69	46.31 2.12 2.81	48.12 2.60 0.06	50.57 2.50 0.01	55.58 2.90 0.01	57.61 2.95 0.01	64.85 4.30 0.00	59.50 4.25 0.00	52.35 3.70 0.00	46.64 3.76 -0.19	44.90 3.71 0.00	41.18 2.44 0.00
PPL PILGRIM_ST_GT1 24216	42.52 2.22 0.00	38.69 1.59 0.00	37.96 1.47 0.17	36.85 1.38 0.06	37.28 1.40 0.10	39.80 1.68 0.00	50.22 1.81 0.35	50.79 2.24 10.52	51.01 2.39 14.41	50.34 2.43 3.70	51.92 2.80 0.01	47.64 2.55 3.10	47.65 2.59 1.18	47.53 2.58 2.06	48.03 2.51 0.06	51.25 3.17 0.01	56.22 3.53 0.01	58.32 3.66 0.01	65.34 4.78 0.00	60.00 4.75 0.00	52.79 4.13 0.00	46.75 3.80 -0.26	45.23 4.04 0.00	41.76 3.02 0.00
PPL PILGRIM_ST_GT2 24217	42.52 2.22 0.00	38.69 1.59 0.00	37.96 1.47 0.17	36.85 1.38 0.06	37.28 1.40 0.10	39.80 1.68 0.00	50.22 1.81 0.35	50.79 2.24 10.52	51.01 2.39 14.41	50.34 2.43 3.70	51.92 2.80 0.01	47.64 2.55 3.10	47.65 2.59 1.18	47.53 2.58 2.06	48.03 2.51 0.06	51.25 3.17 0.01	56.22 3.53 0.01	58.32 3.66 0.01	65.34 4.78 0.00	60.00 4.75 0.00	52.79 4.13 0.00	46.75 3.80 -0.26	45.23 4.04 0.00	41.76 3.02 0.00
PPL_SHRM_GT3 24213	41.31 1.01 0.00	37.61 0.52 0.00	35.11 0.26 1.82	35.19 0.25 0.59	35.18 0.25 1.06	38.62 0.49 0.00	48.89 0.54 0.41	43.20 0.47 16.34	44.44 0.57 19.15	45.75 1.03 6.89	50.35 1.23 0.02	44.37 1.15 4.98	45.83 1.25 1.66	45.64 1.41 2.78	47.25 1.73 0.06	49.90 1.83 0.01	54.79 2.11 0.01	56.79 2.13 0.01	63.70 3.15 0.00	58.45 3.20 0.00	51.42 2.77 0.00	45.95 3.08 -0.19	44.00 2.80 0.00	40.60 1.86 0.00
PPL_SHRM_GT4 24214	41.31 1.01 0.00	37.61 0.52 0.00	35.11 0.26 1.82	35.19 0.25 0.59	35.18 0.25 1.06	38.62 0.49 0.00	48.89 0.54 0.41	43.20 0.47 16.34	44.44 0.57 19.15	45.75 1.03 6.89	50.35 1.23 0.02	44.37 1.15 4.98	45.83 1.25 1.66	45.64 1.41 2.78	47.25 1.73 0.06	49.90 1.83 0.01	54.79 2.11 0.01	56.79 2.13 0.01	63.70 3.15 0.00	58.45 3.20 0.00	51.42 2.77 0.00	45.95 3.08 -0.19	44.00 2.80 0.00	40.60 1.86 0.00
PROJECT___ORANGE 1 24174	39.82 -0.48 0.00	36.61 -0.48 0.00	36.16 -0.51 0.00	34.99 -0.53 0.00	35.48 -0.50 0.00	37.59 -0.53 0.00	48.03 -0.73 0.00	58.30 -0.77 0.00	62.34 -0.69 0.00	51.14 -0.46 0.00	48.74 -0.39 0.00	47.86 -0.34 0.00	45.92 -0.32 0.00	46.77 -0.24 0.00	45.31 -0.27 0.00	47.74 -0.34 0.00	52.27 -0.42 0.00	54.12 -0.55 0.00	59.95 -0.61 0.00	54.81 -0.44 0.00	48.17 -0.49 0.00	42.22 -0.47 0.00	40.70 -0.49 0.00	38.43 -0.31 0.00
PROJECT___ORANGE 2 24166	39.82 -0.48 0.00	36.61 -0.48 0.00	36.16 -0.51 0.00	34.99 -0.53 0.00	35.48 -0.50 0.00	37.59 -0.53 0.00	48.03 -0.73 0.00	58.30 -0.77 0.00	62.34 -0.69 0.00	51.14 -0.46 0.00	48.74 -0.39 0.00	47.86 -0.34 0.00	45.92 -0.32 0.00	46.77 -0.24 0.00	45.31 -0.27 0.00	47.74 -0.34 0.00	52.27 -0.42 0.00	54.12 -0.55 0.00	59.95 -0.61 0.00	54.81 -0.44 0.00	48.17 -0.49 0.00	42.22 -0.47 0.00	40.70 -0.49 0.00	38.43 -0.31 0.00
PUCKETT___SOLAR 323809	40.99 0.68 0.00	37.68 0.59 0.00	37.25 0.58 0.00	36.02 0.50 0.00	36.45 0.47 0.00	38.62 0.49 0.00	49.40 0.63 0.00	60.13 1.06 0.00	64.16 1.14 0.00	52.48 0.88 0.00	49.92 0.78 0.00	48.92 0.72 0.00	46.98 0.74 0.00	47.81 0.80 0.00	46.13 0.55 0.00	48.87 0.72 -0.07	53.59 0.89 0.00	57.20 1.09 -1.44	61.80 1.21 -0.03	56.63 1.38 -0.01	49.89 1.17 -0.07	43.52 0.77 -0.05	41.82 0.62 0.00	39.33 0.58 0.00
PYRITES___HYD 24023	41.84 1.53 0.00	38.65 1.56 0.00	38.10 1.43 0.00	36.84 1.31 0.00	37.39 1.40 0.00	39.76 1.64 0.00	50.72 1.95 0.00	61.49 2.42 0.00	65.42 2.40 0.00	53.00 1.39 0.00	50.56 1.42 0.00	49.45 1.25 0.00	47.17 0.92 0.00	47.67 0.66 0.00	46.04 0.46 0.00	48.71 0.63 0.00	53.38 0.68 0.00	55.10 0.44 0.00	60.98 0.42 0.00	55.63 0.39 0.00	48.95 0.29 0.00	43.33 0.64 0.00	41.98 0.78 0.00	39.52 0.77 0.00
QUAKERRD_115KV_BK1 80622	38.58 -1.73 0.00	35.46 -1.63 0.00	35.09 -1.58 0.00	33.92 -1.60 0.00	34.26 -1.73 0.00	36.18 -1.94 0.00	45.84 -2.93 0.00	55.70 -3.37 0.00	59.63 -3.40 0.00	49.03 -2.58 0.00	46.78 -2.36 0.00	45.93 -2.27 0.00	44.16 -2.08 0.00	44.99 -2.02 0.00	43.39 -2.19 0.01	45.30 -2.64 0.14	47.62 -2.95 2.12	48.64 -3.06 2.96	57.29 -3.21 0.06	52.25 -2.98 0.01	45.46 -3.07 0.13	39.90 -2.69 0.11	38.63 -2.55 0.01	36.87 -1.86 0.01
QUENSBRY_115KV_TB8 356137	41.48 1.17 0.00	38.21 1.11 0.00	37.73 1.06 0.00	36.62 1.10 0.00	37.03 1.04 0.00	39.38 1.26 0.00	50.13 1.37 0.00	60.78 1.71 0.00	64.48 1.45 0.00	52.74 1.14 0.00	50.02 0.88 0.00	48.96 0.77 0.00	46.94 0.69 0.00	47.85 0.85 0.00	46.63 1.05 0.00	49.28 1.20 0.00	54.22 1.53 0.00	56.69 2.02 0.00	62.74 2.18 0.00	57.07 1.82 0.00	50.60 1.95 0.00	44.31 1.62 0.00	42.89 1.69 0.00	40.02 1.28 0.00
RAMAPO___LBMP 323565	42.40 2.10 0.00	38.84 1.74 0.00	38.36 1.69 0.00	37.12 1.60 0.00	37.61 1.62 0.00	39.92 1.79 0.00	51.30 2.54 0.00	62.08 3.01 0.00	66.24 3.21 0.00	54.60 2.99 0.00	52.18 3.05 0.00	51.28 3.08 0.00	49.39 3.14 0.00	50.25 3.24 0.00	48.82 3.24 0.00	51.54 3.46 0.00	56.54 3.85 0.00	58.60 3.94 0.00	65.04 4.48 0.00	59.45 4.20 0.00	52.50 3.84 0.00	46.02 3.33 0.00	44.37 3.17 0.00	41.22 2.48 0.00
RANKINE____ 23646	38.58 -1.73 0.00	35.50 -1.59 0.00	35.28 -1.39 0.00	33.89 -1.63 0.00	33.79 -2.20 0.00	35.19 -2.94 0.00	44.34 -4.39 0.04	53.67 -4.49 0.91	49.76 -4.60 8.67	44.97 -3.56 3.07	39.91 -3.34 5.89	36.79 -3.23 8.17	35.65 -2.87 7.72	35.34 -2.77 8.89	33.46 -3.74 8.39	34.98 -4.09 9.01	33.08 -4.85 14.76	35.42 -4.76 14.49	48.60 -5.21 6.75	42.24 -3.98 9.03	36.95 -3.50 8.21	33.19 -3.07 6.42	38.21 -2.97 0.02	36.05 -2.67 0.02
RAVENSWOOD_GT2_1 24244	42.81 2.50 0.00	39.17 2.08 0.00	38.65 1.98 0.00	37.44 1.92 0.00	37.93 1.94 0.00	40.30 2.17 0.00	51.84 3.07 0.00	62.67 3.60 0.00	66.87 3.84 0.00	55.27 3.66 0.00	52.82 3.69 0.00	51.95 3.76 0.00	49.99 3.75 0.00	50.91 3.90 0.00	49.51 3.92 0.00	52.21 4.13 0.00	57.22 4.53 0.00	59.31 4.65 0.00	65.76 5.21 0.00	60.11 4.86 0.00	53.13 4.48 0.00	46.58 3.88 0.00	44.95 3.75 0.00	41.69 2.94 0.00
RAVENSWOOD_GT2_2 24245	42.81 2.50 0.00	39.17 2.08 0.00	38.65 1.98 0.00	37.44 1.92 0.00	37.93 1.94 0.00	40.30 2.17 0.00	51.84 3.07 0.00	62.67 3.60 0.00	66.87 3.84 0.00	55.27 3.66 0.00	52.82 3.69 0.00	51.95 3.76 0.00	49.99 3.75 0.00	50.91 3.90 0.00	49.51 3.92 0.00	52.21 4.13 0.00	57.22 4.53 0.00	59.31 4.65 0.00	65.76 5.21 0.00	60.11 4.86 0.00	53.13 4.48 0.00	46.58 3.88 0.00	44.95 3.75 0.00	41.69 2.94 0.00

RAVENSWOOD_GT2_3 24246	42.85 2.54 0.00	39.21 2.11 0.00	38.69 2.02 0.00	37.44 1.92 0.00	37.93 1.94 0.00	40.30 2.17 0.00	51.89 3.12 0.00	62.67 3.60 0.00	66.87 3.84 0.00	55.32 3.72 0.00	52.82 3.69 0.00	51.95 3.76 0.00	50.03 3.79 0.00	50.96 3.95 0.00	49.51 3.92 0.00	52.26 4.18 0.00	57.28 4.58 0.00	59.31 4.65 0.00	65.76 5.21 0.00	60.17 4.92 0.00	53.18 4.53 0.00	46.62 3.93 0.00	44.95 3.75 0.00	41.69 2.94 0.00
RAVENSWOOD_GT2_4 24247	42.85 2.54 0.00	39.21 2.11 0.00	38.69 2.02 0.00	37.44 1.92 0.00	37.93 1.94 0.00	40.30 2.17 0.00	51.89 3.12 0.00	62.67 3.60 0.00	66.87 3.84 0.00	55.32 3.72 0.00	52.82 3.69 0.00	51.95 3.76 0.00	50.03 3.79 0.00	50.96 3.95 0.00	49.51 3.92 0.00	52.26 4.18 0.00	57.28 4.58 0.00	59.31 4.65 0.00	65.76 5.21 0.00	60.17 4.92 0.00	53.18 4.53 0.00	46.62 3.93 0.00	44.95 3.75 0.00	41.69 2.94 0.00
RAVENSWOOD_GT3_1 24248	42.81 2.50 0.00	39.21 2.11 0.00	38.69 2.02 0.00	37.44 1.92 0.00	37.93 1.94 0.00	40.30 2.17 0.00	51.84 3.07 0.00	62.67 3.60 0.00	66.87 3.84 0.00	55.27 3.66 0.00	52.82 3.69 0.00	51.95 3.76 0.00	50.03 3.79 0.00	50.96 3.95 0.00	49.51 3.92 0.00	52.21 4.13 0.00	57.22 4.53 0.00	59.31 4.65 0.00	65.76 5.21 0.00	60.17 4.92 0.00	53.13 4.48 0.00	46.62 3.93 0.00	44.95 3.75 0.00	41.69 2.94 0.00
RAVENSWOOD_GT3_2 24249	42.81 2.50 0.00	39.21 2.11 0.00	38.69 2.02 0.00	37.44 1.92 0.00	37.93 1.94 0.00	40.30 2.17 0.00	51.84 3.07 0.00	62.67 3.60 0.00	66.87 3.84 0.00	55.27 3.66 0.00	52.82 3.69 0.00	51.95 3.76 0.00	50.03 3.79 0.00	50.96 3.95 0.00	49.51 3.92 0.00	52.21 4.13 0.00	57.22 4.53 0.00	59.31 4.65 0.00	65.76 5.21 0.00	60.17 4.92 0.00	53.13 4.48 0.00	46.62 3.93 0.00	44.95 3.75 0.00	41.69 2.94 0.00
RAVENSWOOD_GT3_3 24250	42.89 2.58 0.00	39.24 2.15 0.00	38.72 2.05 0.00	37.48 1.95 0.00	37.97 1.98 0.00	40.34 2.21 0.00	51.94 3.17 0.00	62.79 3.72 0.00	66.94 3.91 0.00	55.37 3.77 0.00	52.92 3.78 0.00	52.00 3.81 0.00	50.08 3.84 0.00	51.00 4.00 0.00	49.60 4.01 0.00	52.31 4.23 0.00	57.33 4.64 0.00	59.37 4.70 0.00	65.88 5.33 0.00	60.22 4.97 0.00	53.23 4.57 0.00	46.66 3.97 0.00	44.99 3.79 0.00	41.72 2.98 0.00
RAVENSWOOD_GT3_4 24251	42.89 2.58 0.00	39.24 2.15 0.00	38.72 2.05 0.00	37.48 1.95 0.00	37.97 1.98 0.00	40.34 2.21 0.00	51.94 3.17 0.00	62.79 3.72 0.00	66.94 3.91 0.00	55.37 3.77 0.00	52.92 3.78 0.00	52.00 3.81 0.00	50.08 3.84 0.00	51.00 4.00 0.00	49.60 4.01 0.00	52.31 4.23 0.00	57.33 4.64 0.00	59.37 4.70 0.00	65.88 5.33 0.00	60.22 4.97 0.00	53.23 4.57 0.00	46.66 3.97 0.00	44.99 3.79 0.00	41.72 2.98 0.00
RAVENSWOOD_GT_1 23729	43.06 2.74 -0.01	39.40 2.30 -0.01	38.88 2.20 -0.01	37.63 2.10 -0.01	38.12 2.12 -0.01	40.50 2.36 -0.01	52.03 3.27 0.00	62.61 3.54 0.00	66.68 3.66 0.00	55.27 3.66 0.00	52.87 3.73 0.00	52.00 3.81 0.00	50.08 3.84 0.00	51.00 4.00 0.00	49.60 4.01 0.00	52.36 4.28 0.00	57.33 4.64 0.00	59.37 4.70 0.00	65.70 5.15 0.00	60.17 4.92 0.00	53.18 4.53 0.00	46.75 4.06 0.00	45.16 3.95 -0.01	41.89 3.14 -0.01
RAVENSWOOD_GT_10 24258	42.81 2.50 0.00	39.17 2.08 0.00	38.65 1.98 0.00	37.44 1.92 0.00	37.93 1.94 0.00	40.30 2.17 0.00	51.84 3.07 0.00	62.67 3.60 0.00	66.87 3.84 0.00	55.27 3.66 0.00	52.82 3.69 0.00	51.95 3.76 0.00	50.03 3.79 0.00	50.91 3.90 0.00	49.51 3.92 0.00	52.21 4.13 0.00	57.22 4.53 0.00	59.31 4.65 0.00	65.76 5.21 0.00	60.17 4.92 0.00	53.13 4.48 0.00	46.62 3.93 0.00	44.95 3.75 0.00	41.68 2.94 0.00
RAVENSWOOD_GT_11 24259	42.81 2.50 0.00	39.17 2.08 0.00	38.65 1.98 0.00	37.44 1.92 0.00	37.93 1.94 0.00	40.30 2.17 0.00	51.84 3.07 0.00	62.67 3.60 0.00	66.87 3.84 0.00	55.27 3.66 0.00	52.82 3.69 0.00	51.95 3.76 0.00	50.03 3.79 0.00	50.91 3.90 0.00	49.51 3.92 0.00	52.21 4.13 0.00	57.22 4.53 0.00	59.31 4.65 0.00	65.76 5.21 0.00	60.17 4.92 0.00	53.13 4.48 0.00	46.62 3.93 0.00	44.95 3.75 0.00	41.68 2.94 0.00
RAVENSWOOD_GT_4 24252	42.90 2.58 -0.01	39.25 2.15 -0.01	38.73 2.05 -0.01	37.49 1.95 -0.01	37.97 1.98 -0.01	40.34 2.21 -0.01	51.89 3.12 0.00	62.61 3.54 0.00	66.75 3.72 0.00	55.27 3.66 0.00	52.82 3.69 0.00	51.95 3.76 0.00	50.03 3.79 0.00	50.96 3.95 0.00	49.51 3.92 0.00	52.26 4.18 0.00	57.28 4.58 0.00	59.31 4.65 0.00	65.70 5.15 0.00	60.11 4.86 0.00	53.13 4.48 0.00	46.62 3.93 0.00	45.00 3.79 -0.01	41.73 2.98 -0.01
RAVENSWOOD_GT_5 24254	42.90 2.58 -0.01	39.25 2.15 -0.01	38.73 2.05 -0.01	37.49 1.95 -0.01	37.97 1.98 -0.01	40.34 2.21 -0.01	51.89 3.12 0.00	62.61 3.54 0.00	66.75 3.72 0.00	55.27 3.66 0.00	52.82 3.69 0.00	51.95 3.76 0.00	50.03 3.79 0.00	50.96 3.95 0.00	49.51 3.92 0.00	52.26 4.18 0.00	57.28 4.58 0.00	59.31 4.65 0.00	65.70 5.15 0.00	60.11 4.86 0.00	53.13 4.48 0.00	46.62 3.93 0.00	45.00 3.79 -0.01	41.73 2.98 -0.01
RAVENSWOOD_GT_6 24253	42.90 2.58 -0.01	39.25 2.15 -0.01	38.73 2.05 -0.01	37.49 1.95 -0.01	37.97 1.98 -0.01	40.34 2.21 -0.01	51.89 3.12 0.00	62.61 3.54 0.00	66.75 3.72 0.00	55.27 3.66 0.00	52.82 3.69 0.00	51.95 3.76 0.00	50.03 3.79 0.00	50.96 3.95 0.00	49.51 3.92 0.00	52.26 4.18 0.00	57.28 4.58 0.00	59.31 4.65 0.00	65.70 5.15 0.00	60.11 4.86 0.00	53.13 4.48 0.00	46.62 3.93 0.00	45.00 3.79 -0.01	41.73 2.98 -0.01
RAVENSWOOD_GT_7 24255	42.90 2.58 -0.01	39.25 2.15 -0.01	38.73 2.05 -0.01	37.49 1.95 -0.01	37.97 1.98 -0.01	40.34 2.21 -0.01	51.89 3.12 0.00	62.61 3.54 0.00	66.75 3.72 0.00	55.27 3.66 0.00	52.82 3.69 0.00	51.95 3.76 0.00	50.03 3.79 0.00	50.96 3.95 0.00	49.51 3.92 0.00	52.26 4.18 0.00	57.28 4.58 0.00	59.31 4.65 0.00	65.70 5.15 0.00	60.11 4.86 0.00	53.13 4.48 0.00	46.62 3.93 0.00	45.00 3.79 -0.01	41.73 2.98 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	42.81 2.50 0.00	39.17 2.08 0.00	38.65 1.98 0.00	37.44 1.92 0.00	37.93 1.94 0.00	40.30 2.17 0.00	51.84 3.07 0.00	62.67 3.60 0.00	66.87 3.84 0.00	55.27 3.66 0.00	52.82 3.69 0.00	51.95 3.76 0.00	50.03 3.79 0.00	50.91 3.90 0.00	49.51 3.92 0.00	52.21 4.13 0.00	57.22 4.53 0.00	59.31 4.65 0.00	65.76 5.21 0.00	60.17 4.92 0.00	53.13 4.48 0.00	46.62 3.93 0.00	44.95 3.75 0.00	41.68 2.94 0.00
RAVENSWOOD_GT_9 24257	42.81 2.50 0.00	39.17 2.08 0.00	38.65 1.98 0.00	37.44 1.92 0.00	37.93 1.94 0.00	40.30 2.17 0.00	51.84 3.07 0.00	62.67 3.60 0.00	66.87 3.84 0.00	55.27 3.66 0.00	52.82 3.69 0.00	51.95 3.76 0.00	50.03 3.79 0.00	50.91 3.90 0.00	49.51 3.92 0.00	52.21 4.13 0.00	57.22 4.53 0.00	59.31 4.65 0.00	65.76 5.21 0.00	60.17 4.92 0.00	53.13 4.48 0.00	46.62 3.93 0.00	44.95 3.75 0.00	41.68 2.94 0.00

RAVENSWOOD___1 23533	43.02 2.70 -0.01	39.36 2.26 -0.01	38.84 2.16 -0.01	37.59 2.06 -0.01	38.08 2.09 -0.01	40.46 2.33 -0.01	52.03 3.27 0.00	62.55 3.48 0.00	66.62 3.59 0.00	55.27 3.66 0.00	52.92 3.78 0.00	51.95 3.76 0.00	50.08 3.84 0.00	51.00 3.99 0.00	49.41 3.83 0.00	52.31 4.23 0.00	57.27 4.58 0.00	59.31 4.64 0.00	65.58 5.02 0.00	60.05 4.80 0.00	53.18 4.53 0.00	46.58 3.88 0.00	45.04 3.83 -0.01	41.85 3.10 -0.01
RAVENSWOOD___2 23534	42.98 2.66 -0.01	39.33 2.23 -0.01	38.80 2.13 -0.01	37.59 2.06 -0.01	38.08 2.09 -0.01	40.42 2.29 -0.01	51.98 3.22 0.00	62.49 3.42 0.00	66.62 3.59 0.00	55.22 3.61 0.00	52.92 3.78 0.00	51.95 3.76 0.00	50.03 3.79 0.00	50.96 3.95 0.00	49.41 3.83 0.00	52.31 4.23 0.00	57.27 4.58 0.00	59.31 4.64 0.00	65.58 5.02 0.00	60.05 4.80 0.00	53.18 4.53 0.00	46.58 3.88 0.00	44.99 3.79 -0.01	41.85 3.10 -0.01
RAVENSWOOD___3 23535	42.81 2.50 0.00	39.21 2.11 0.00	38.68 2.02 0.00	37.44 1.92 0.00	37.93 1.94 0.00	40.26 2.13 0.00	51.84 3.07 0.00	62.67 3.60 0.00	66.87 3.85 0.00	55.27 3.66 0.00	52.92 3.78 0.00	51.95 3.76 0.00	50.03 3.79 0.00	50.96 3.95 0.00	49.37 3.78 0.00	52.22 4.14 0.00	57.22 4.53 0.00	59.31 4.64 0.00	65.70 5.14 0.00	60.11 4.86 0.00	53.13 4.47 0.00	46.49 3.80 0.00	44.86 3.67 0.00	41.68 2.94 0.00
RAVENSWOOD___4 23820	42.98 2.66 -0.01	39.32 2.23 -0.01	38.80 2.13 -0.01	37.59 2.06 -0.01	38.08 2.09 -0.01	40.42 2.29 -0.01	51.98 3.22 0.00	62.49 3.42 0.00	66.56 3.53 0.00	55.22 3.61 0.00	52.92 3.78 0.00	51.95 3.76 0.00	50.03 3.79 0.00	50.96 3.95 0.00	49.37 3.78 0.00	52.26 4.18 0.00	57.22 4.53 0.00	59.26 4.59 0.00	65.58 5.02 0.00	60.05 4.80 0.00	53.13 4.47 0.00	46.58 3.88 0.00	44.99 3.79 -0.01	41.85 3.10 -0.01
RCPL_TRUST___DRP 24196	42.85 2.54 0.00	39.21 2.11 0.00	38.69 2.02 0.00	37.44 1.92 0.00	37.93 1.94 0.00	40.30 2.17 0.00	51.89 3.12 0.00	62.79 3.72 0.00	67.00 3.97 0.00	55.37 3.77 0.00	52.92 3.78 0.00	52.05 3.86 0.00	50.08 3.84 0.00	51.00 4.00 0.00	49.60 4.01 0.00	52.31 4.23 0.00	57.33 4.64 0.00	59.37 4.70 0.00	65.88 5.33 0.00	60.22 4.97 0.00	53.23 4.57 0.00	46.62 3.93 0.00	44.95 3.75 0.00	41.69 2.94 0.00
RED___ROCHESTER 323720	39.54 -0.77 0.00	36.35 -0.74 0.00	35.97 -0.70 0.00	34.78 -0.75 0.00	35.05 -0.94 0.00	37.02 -1.11 0.00	46.86 -1.90 0.00	56.94 -2.12 0.00	60.96 -2.08 -0.01	50.06 -1.55 0.00	47.92 -1.23 -0.01	47.00 -1.20 -0.01	45.28 -0.97 -0.01	46.08 -0.94 -0.01	44.80 -0.78 0.01	46.24 -1.68 0.16	48.20 -1.95 2.55	49.26 -1.91 3.50	58.61 -1.88 0.07	53.58 -1.66 0.01	46.47 -2.04 0.14	41.00 -1.58 0.11	39.66 -1.52 0.01	37.72 -1.01 0.01
REGAN___SOLAR 323812	42.16 1.86 0.00	38.76 1.67 0.00	38.28 1.61 0.00	37.12 1.60 0.00	37.57 1.58 0.00	39.99 1.87 0.00	51.11 2.34 0.00	62.08 3.01 0.00	65.36 2.33 0.00	52.90 1.29 0.00	49.87 0.74 0.00	48.87 0.67 0.00	47.08 0.83 0.00	48.09 1.08 0.00	46.95 1.37 0.00	49.86 1.78 0.00	55.12 2.43 0.00	57.73 3.06 0.00	64.01 3.45 0.00	58.28 3.04 0.00	51.48 2.82 0.00	45.08 2.39 0.00	43.54 2.35 0.00	40.64 1.90 0.00
RENSSELAER___COGEN 23796	40.55 0.24 0.00	37.43 0.33 0.00	37.00 0.33 0.00	35.91 0.39 0.00	36.35 0.36 0.00	38.47 0.34 0.00	49.15 0.39 0.00	59.48 0.42 0.00	63.41 0.38 0.00	51.92 0.31 0.00	49.38 0.25 0.00	48.44 0.24 0.00	46.52 0.28 0.00	47.38 0.37 0.00	46.04 0.46 0.00	48.75 0.67 0.00	53.53 0.84 0.00	55.65 0.99 0.00	61.65 1.09 0.00	56.19 0.94 0.00	49.63 0.97 0.00	43.46 0.77 0.00	42.02 0.82 0.00	39.36 0.62 0.00
REPUBLIC_115KV_BARTNBRK 55605	42.81 2.50 0.00	39.43 2.34 0.00	38.91 2.24 0.00	37.76 2.24 0.00	38.14 2.16 0.00	40.64 2.52 0.00	51.74 2.97 0.00	62.79 3.72 0.00	66.31 3.28 0.00	54.24 2.63 0.00	51.30 2.16 0.00	50.07 1.88 0.00	47.91 1.66 0.00	48.84 1.83 0.00	47.64 2.05 0.00	50.29 2.21 0.00	55.59 2.90 0.00	58.49 3.83 0.00	64.79 4.24 0.00	58.84 3.59 0.00	52.21 3.55 0.00	45.64 2.95 0.00	44.21 3.01 0.00	41.18 2.44 0.00
REVERE_CPPR_DRP 24186	41.64 1.33 0.00	38.32 1.22 0.00	37.81 1.14 0.00	36.59 1.07 0.00	37.14 1.15 0.00	39.46 1.33 0.00	50.47 1.71 0.00	61.37 2.30 0.00	65.42 2.40 0.00	53.36 1.75 0.00	50.66 1.52 0.00	49.54 1.35 0.00	47.49 1.25 0.00	48.33 1.32 0.00	46.82 1.23 0.00	49.47 1.39 0.00	54.33 1.63 0.00	56.09 1.42 0.00	62.25 1.70 0.00	57.02 1.77 0.00	50.12 1.46 0.00	43.97 1.28 0.00	42.35 1.15 0.00	39.83 1.08 0.00
REYNLDPA_13_KV_LD 356490	40.79 0.49 0.00	37.61 0.52 0.00	37.18 0.51 0.00	35.98 0.46 0.00	36.45 0.47 0.00	38.66 0.53 0.00	49.40 0.63 0.00	59.89 0.83 0.00	64.03 1.01 0.00	52.28 0.67 0.00	49.73 0.59 0.00	48.82 0.62 0.00	46.70 0.46 0.00	47.25 0.24 0.00	45.68 0.09 0.00	48.18 0.10 0.00	52.74 0.05 0.00	54.72 0.05 0.00	60.43 -0.12 0.00	54.97 -0.27 0.00	48.46 -0.19 0.00	42.56 -0.13 0.00	41.16 -0.04 0.00	38.70 -0.04 0.00
REYNOLDS_115KV_TB3 80639	40.87 0.56 0.00	37.69 0.59 0.00	37.26 0.59 0.00	36.16 0.64 0.00	36.60 0.61 0.00	38.73 0.61 0.00	49.60 0.83 0.00	59.95 0.89 0.00	63.91 0.88 0.00	52.33 0.72 0.00	49.73 0.59 0.00	48.82 0.63 0.00	46.89 0.65 0.00	47.76 0.75 0.00	46.50 0.91 0.00	49.14 1.06 0.00	53.90 1.21 0.00	56.03 1.37 0.00	62.07 1.51 0.00	56.63 1.38 0.00	50.02 1.36 0.00	43.84 1.15 0.00	42.35 1.15 0.00	39.63 0.89 0.00
RIVERBAY____ 323610	43.66 3.35 -0.01	39.96 2.86 -0.01	39.46 2.79 -0.01	38.16 2.63 -0.01	38.66 2.66 -0.01	41.03 2.90 -0.01	52.62 3.85 0.00	62.96 3.90 0.00	67.00 3.97 0.00	55.53 3.92 0.00	53.12 3.98 0.00	52.24 4.05 0.00	50.31 4.07 0.00	51.24 4.23 0.00	49.82 4.24 0.00	52.60 4.52 0.00	57.59 4.90 0.00	59.59 4.92 0.00	65.95 5.39 0.00	60.39 5.14 0.00	53.42 4.77 0.00	47.05 4.35 0.00	45.66 4.45 -0.01	42.39 3.64 -0.01
RIVERSDE_115KV_TB3 55908	40.59 0.28 0.00	37.50 0.41 0.00	37.04 0.37 0.00	35.99 0.46 0.00	36.38 0.40 0.00	38.51 0.38 0.00	49.25 0.49 0.00	59.60 0.53 0.00	63.47 0.44 0.00	52.02 0.41 0.00	49.43 0.29 0.00	48.53 0.34 0.00	46.61 0.37 0.00	47.43 0.42 0.00	46.22 0.64 0.00	48.85 0.77 0.00	53.75 1.05 0.00	55.87 1.20 0.00	61.89 1.33 0.00	56.46 1.22 0.00	49.82 1.17 0.00	43.72 1.02 0.00	42.23 1.03 0.00	39.52 0.77 0.00
ROARING___BROOK_WT_PWR 323790	39.91 -0.40 0.00	36.83 -0.26 0.00	36.52 -0.15 0.00	35.42 -0.11 0.00	35.91 -0.07 0.00	38.05 -0.08 0.00	48.57 -0.19 0.00	58.59 -0.47 0.00	62.28 -0.75 0.00	50.78 -0.83 0.00	48.20 -0.94 0.00	47.13 -1.06 0.00	45.13 -1.11 0.00	45.79 -1.22 0.00	44.40 -1.19 0.00	46.83 -1.25 0.00	51.32 -1.37 0.00	53.24 -1.42 0.00	58.98 -1.57 0.00	53.76 -1.49 0.00	47.35 -1.31 0.00	41.54 -1.15 0.00	40.04 -1.15 0.00	37.58 -1.16 0.00

ROCHESRG_115KV_T4 355643	39.22 -1.09 0.00	36.05 -1.04 0.00	35.72 -0.95 0.00	34.49 -1.03 0.00	34.80 -1.19 0.00	36.68 -1.45 0.00	46.27 -2.49 0.00	56.13 -2.84 0.10	59.27 -2.77 0.98	49.14 -2.12 0.35	46.60 -1.87 0.67	45.48 -1.78 0.93	43.79 -1.57 0.88	44.45 -1.55 1.01	43.84 -1.73 0.01	45.71 -2.21 0.16	47.67 -2.58 2.44	48.61 -2.62 3.43	57.82 -2.66 0.07	51.60 -2.38 1.27	44.76 -2.63 1.27	39.39 -2.31 1.00	39.00 -2.18 0.01	37.34 -1.39 0.01
ROCHESTER_9_IC 23652	39.38 -0.93 0.00	36.20 -0.89 0.00	35.86 -0.81 0.00	34.67 -0.85 0.00	34.94 -1.04 0.00	36.83 -1.30 0.00	46.52 -2.24 0.00	56.59 -2.48 0.00	60.64 -2.40 -0.01	49.85 -1.75 0.00	47.57 -1.57 -0.01	46.71 -1.49 -0.01	45.00 -1.25 -0.01	45.80 -1.22 -0.01	44.16 -1.41 0.01	46.00 -1.92 0.16	47.91 -2.27 2.52	48.88 -2.30 3.49	58.25 -2.24 0.07	53.19 -2.04 0.01	46.18 -2.34 0.14	40.49 -2.09 0.11	39.21 -1.98 0.01	37.53 -1.20 0.01
ROCKVIEW_13_KV_LD 356306	42.69 2.38 0.00	39.10 2.00 0.00	38.58 1.91 0.00	37.34 1.81 0.00	37.82 1.84 0.00	40.18 2.06 0.00	51.69 2.93 0.00	62.55 3.48 0.00	66.81 3.78 0.00	55.17 3.56 0.00	52.72 3.59 0.00	51.81 3.61 0.00	49.90 3.65 0.00	50.82 3.81 0.00	49.37 3.78 0.00	52.12 4.04 0.00	57.12 4.43 0.00	59.20 4.54 0.00	65.70 5.15 0.00	60.05 4.81 0.00	53.04 4.38 0.00	46.49 3.80 0.00	44.78 3.58 0.00	41.53 2.79 0.00
ROME____115KV_TB2 80656	41.64 1.33 0.00	38.32 1.22 0.00	37.81 1.14 0.00	36.59 1.07 0.00	37.14 1.15 0.00	39.46 1.33 0.00	50.47 1.71 0.00	61.37 2.30 0.00	65.42 2.40 0.00	53.36 1.75 0.00	50.66 1.52 0.00	49.54 1.35 0.00	47.49 1.25 0.00	48.33 1.32 0.00	46.82 1.23 0.00	49.47 1.39 0.00	54.33 1.63 0.00	56.09 1.42 0.00	62.25 1.70 0.00	57.02 1.77 0.00	50.12 1.46 0.00	43.97 1.28 0.00	42.35 1.15 0.00	39.83 1.08 0.00
ROSETON___1 23587	42.24 1.93 0.00	38.69 1.59 0.00	38.21 1.54 0.00	37.02 1.49 0.00	37.50 1.51 0.00	39.76 1.64 0.00	51.11 2.34 0.00	61.73 2.66 0.00	65.93 2.90 0.00	54.34 2.73 0.00	51.94 2.80 0.00	50.99 2.79 0.00	49.11 2.87 0.00	50.02 3.01 0.00	48.51 2.92 0.00	51.25 3.17 0.00	56.17 3.48 0.00	58.27 3.61 0.00	64.61 4.06 0.00	59.01 3.76 0.00	52.21 3.55 0.00	45.72 3.03 0.00	44.12 2.93 0.00	41.07 2.32 0.00
ROSETON___2 23588	42.24 1.93 0.00	38.69 1.59 0.00	38.21 1.54 0.00	37.02 1.49 0.00	37.50 1.51 0.00	39.76 1.64 0.00	51.11 2.34 0.00	61.73 2.66 0.00	65.93 2.90 0.00	54.34 2.73 0.00	51.94 2.80 0.00	50.99 2.79 0.00	49.11 2.87 0.00	50.02 3.01 0.00	48.51 2.92 0.00	51.25 3.17 0.00	56.17 3.48 0.00	58.27 3.61 0.00	64.61 4.06 0.00	59.01 3.76 0.00	52.21 3.55 0.00	45.72 3.03 0.00	44.12 2.93 0.00	41.07 2.32 0.00
ROTRRDAM_115KV_TB3 80664	41.24 0.93 0.00	37.95 0.85 0.00	37.48 0.81 0.00	36.38 0.85 0.00	36.81 0.83 0.00	39.00 0.88 0.00	49.94 1.17 0.00	60.48 1.42 0.00	64.35 1.32 0.00	52.69 1.08 0.00	50.07 0.93 0.00	49.11 0.92 0.00	47.21 0.97 0.00	48.04 1.03 0.00	46.72 1.14 0.00	49.38 1.30 0.00	54.17 1.48 0.00	56.36 1.69 0.00	62.43 1.88 0.00	56.96 1.71 0.00	50.26 1.61 0.00	44.06 1.37 0.00	42.56 1.36 0.00	39.83 1.08 0.00
RUSSELL___1 23602	39.54 -0.77 0.00	36.35 -0.74 0.00	35.97 -0.70 0.00	34.78 -0.75 0.00	35.05 -0.94 0.00	36.98 -1.14 0.00	46.72 -2.05 0.00	56.88 -2.19 0.00	60.96 -2.08 -0.01	50.11 -1.50 0.00	47.86 -1.28 -0.01	47.00 -1.20 -0.01	45.28 -0.97 -0.01	46.08 -0.94 -0.01	44.39 -1.19 0.01	46.24 -1.68 0.16	48.22 -1.95 2.52	49.20 -1.97 3.50	58.55 -1.94 0.07	53.47 -1.77 0.01	46.42 -2.09 0.14	40.70 -1.88 0.11	39.42 -1.77 0.01	37.68 -1.05 0.01
RUSSELL___2 23532	39.54 -0.77 0.00	36.35 -0.74 0.00	35.97 -0.70 0.00	34.78 -0.75 0.00	35.05 -0.94 0.00	36.98 -1.14 0.00	46.72 -2.05 0.00	56.88 -2.19 0.00	60.96 -2.08 -0.01	50.11 -1.50 0.00	47.86 -1.28 -0.01	47.00 -1.20 -0.01	45.28 -0.97 -0.01	46.08 -0.94 -0.01	44.39 -1.19 0.01	46.24 -1.68 0.16	48.22 -1.95 2.52	49.20 -1.97 3.50	58.55 -1.94 0.07	53.47 -1.77 0.01	46.42 -2.09 0.14	40.70 -1.88 0.11	39.42 -1.77 0.01	37.68 -1.05 0.01
RUSSELL___3 23549	39.54 -0.77 0.00	36.35 -0.74 0.00	35.97 -0.70 0.00	34.78 -0.75 0.00	35.05 -0.94 0.00	36.98 -1.14 0.00	46.72 -2.05 0.00	56.88 -2.19 0.00	60.96 -2.08 -0.01	50.11 -1.50 0.00	47.86 -1.28 -0.01	47.00 -1.20 -0.01	45.28 -0.97 -0.01	46.08 -0.94 -0.01	44.39 -1.19 0.01	46.24 -1.68 0.16	48.22 -1.95 2.52	49.20 -1.97 3.50	58.55 -1.94 0.07	53.47 -1.77 0.01	46.42 -2.09 0.14	40.70 -1.88 0.11	39.42 -1.77 0.01	37.68 -1.05 0.01
RUSSELL___4 23556	39.54 -0.77 0.00	36.35 -0.74 0.00	35.97 -0.70 0.00	34.78 -0.75 0.00	35.05 -0.94 0.00	36.98 -1.14 0.00	46.72 -2.05 0.00	56.88 -2.19 0.00	60.96 -2.08 -0.01	50.11 -1.50 0.00	47.86 -1.28 -0.01	47.00 -1.20 -0.01	45.28 -0.97 -0.01	46.08 -0.94 -0.01	44.39 -1.19 0.01	46.24 -1.68 0.16	48.22 -1.95 2.52	49.20 -1.97 3.50	58.55 -1.94 0.07	53.47 -1.77 0.01	46.42 -2.09 0.14	40.70 -1.88 0.11	39.42 -1.77 0.01	37.68 -1.05 0.01
RUSSELL___STATION 23914	39.54 -0.77 0.00	36.35 -0.74 0.00	35.97 -0.70 0.00	34.78 -0.75 0.00	35.05 -0.94 0.00	36.98 -1.14 0.00	46.72 -2.05 0.00	56.88 -2.19 0.00	60.96 -2.08 -0.01	50.11 -1.50 0.00	47.86 -1.28 -0.01	47.00 -1.20 -0.01	45.28 -0.97 -0.01	46.08 -0.94 -0.01	44.39 -1.19 0.01	46.24 -1.68 0.16	48.22 -1.95 2.52	49.20 -1.97 3.50	58.55 -1.94 0.07	53.47 -1.77 0.01	46.42 -2.09 0.14	40.70 -1.88 0.11	39.42 -1.77 0.01	37.68 -1.05 0.01
S SALMON___HYD 24043	40.19 -0.12 0.00	36.95 -0.15 0.00	36.49 -0.18 0.00	35.31 -0.21 0.00	35.81 -0.18 0.00	37.93 -0.19 0.00	48.43 -0.34 0.00	58.83 -0.24 0.00	62.72 -0.31 0.00	51.30 -0.31 0.00	48.74 -0.39 0.00	47.71 -0.48 0.00	45.73 -0.51 0.00	46.49 -0.52 0.00	45.08 -0.50 0.00	47.55 -0.53 0.00	52.11 -0.58 0.00	53.90 -0.77 0.00	59.83 -0.72 0.00	54.75 -0.50 0.00	48.17 -0.49 0.00	42.35 -0.34 0.00	40.83 -0.37 0.00	38.51 -0.23 0.00
S.PERRY__115KV_TB1 80734	40.39 0.08 0.00	37.06 -0.04 0.00	36.71 0.04 0.00	35.27 -0.25 0.00	35.45 -0.54 0.00	37.32 -0.80 0.00	47.42 -1.46 -0.12	60.37 -1.30 -2.60	86.48 -1.39 -24.84	58.96 -1.44 -8.80	64.43 -1.57 -16.87	70.03 -1.59 -23.42	66.94 -1.43 -22.13	71.18 -1.32 -25.49	69.29 -1.55 -25.26	72.34 -1.78 -26.03	71.76 -1.74 -20.81	68.80 -1.53 -15.66	79.24 -1.21 -19.89	85.60 -0.83 -31.18	74.87 -1.12 -27.33	62.89 -1.20 -21.39	39.94 -1.24 0.03	37.94 -0.77 0.03
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	38.29 -2.02 0.00	35.28 -1.82 0.00	35.09 -1.58 0.00	33.75 -1.78 0.00	33.68 -2.30 0.00	35.07 -3.05 0.00	43.76 -4.97 0.03	52.92 -5.38 0.77	50.20 -5.48 7.35	44.77 -4.23 2.60	40.17 -3.98 4.99	37.41 -3.86 6.93	36.23 -3.47 6.55	36.13 -3.34 7.54	34.39 -4.06 7.14	35.69 -4.66 7.73	34.01 -5.53 13.15	36.41 -5.41 12.85	48.91 -5.87 5.78	43.55 -4.31 7.39	37.81 -4.04 6.81	33.82 -3.54 5.33	37.76 -3.42 0.02	36.01 -2.71 0.02

SAWYER___23_KV_LOAD 55526	38.29 -2.02 0.00	35.28 -1.82 0.00	35.09 -1.58 0.00	33.75 -1.78 0.00	33.68 -2.30 0.00	35.07 -3.05 0.00	43.76 -4.97 0.03	52.92 -5.38 0.77	50.20 -5.48 7.35	44.77 -4.23 2.60	40.17 -3.98 4.99	37.41 -3.86 6.93	36.23 -3.47 6.55	36.13 -3.34 7.54	34.39 -4.06 7.14	35.69 -4.66 7.73	34.01 -5.53 13.15	36.41 -5.41 12.85	48.91 -5.87 5.78	43.55 -4.31 7.39	37.81 -4.04 6.81	33.82 -3.54 5.33	37.76 -3.42 0.02	36.01 -2.71 0.02
SELKIRK___I 23801	41.07 0.76 0.00	37.87 0.78 0.00	37.44 0.77 0.00	36.34 0.82 0.00	36.74 0.76 0.00	38.89 0.76 0.00	49.74 0.97 0.00	60.13 1.06 0.00	64.03 1.01 0.00	52.43 0.82 0.00	49.82 0.69 0.00	48.87 0.67 0.00	46.89 0.65 0.00	47.76 0.75 0.00	46.45 0.86 0.00	49.19 1.11 0.00	54.01 1.32 0.00	56.19 1.53 0.00	62.25 1.69 0.00	56.79 1.54 0.00	50.11 1.46 0.00	43.93 1.24 0.00	42.43 1.23 0.00	39.75 1.01 0.00
SELKIRK___II 23799	40.75 0.44 0.00	37.54 0.45 0.00	37.11 0.44 0.00	36.02 0.50 0.00	36.45 0.47 0.00	38.58 0.46 0.00	49.40 0.63 0.00	59.72 0.65 0.00	63.66 0.63 0.00	52.17 0.57 0.00	49.63 0.49 0.00	48.67 0.48 0.00	46.75 0.51 0.00	47.62 0.61 0.00	46.27 0.68 0.00	48.95 0.87 0.00	53.75 1.05 0.00	55.82 1.15 0.00	61.83 1.27 0.00	56.41 1.16 0.00	49.78 1.12 0.00	43.63 0.94 0.00	42.15 0.95 0.00	39.48 0.73 0.00
SENECA OSWGO___HYD 24041	39.58 -0.72 0.00	36.39 -0.71 0.00	35.94 -0.73 0.00	34.78 -0.75 0.00	35.27 -0.72 0.00	37.36 -0.76 0.00	47.79 -0.97 0.00	57.94 -1.12 0.00	61.90 -1.13 0.00	50.73 -0.88 0.00	48.35 -0.79 0.00	47.42 -0.77 0.00	45.50 -0.74 0.00	46.35 -0.66 0.00	44.95 -0.64 0.00	47.31 -0.77 0.00	51.85 -0.85 0.00	53.74 -0.93 0.00	59.58 -0.97 0.00	54.42 -0.83 0.00	47.83 -0.83 0.00	41.97 -0.73 0.00	40.46 -0.74 0.00	38.20 -0.54 0.00
SENECA___115KV_TB3 355854	38.62 -1.69 0.00	35.54 -1.56 0.00	35.31 -1.36 0.00	33.93 -1.60 0.00	33.86 -2.12 0.00	35.30 -2.82 0.00	44.43 -4.29 0.04	53.85 -4.31 0.91	49.83 -4.54 8.67	44.97 -3.56 3.07	39.96 -3.29 5.89	36.89 -3.13 8.17	35.70 -2.82 7.72	35.39 -2.73 8.89	33.64 -3.56 8.39	35.03 -4.04 9.01	32.81 -4.79 15.09	35.53 -4.65 14.49	48.72 -5.09 6.75	42.35 -3.87 9.03	37.06 -3.41 8.19	33.16 -3.11 6.41	38.09 -3.09 0.02	36.09 -2.64 0.02
SENECA___ENERGY 23797	39.91 -0.40 0.00	36.65 -0.44 0.00	36.23 -0.44 0.00	35.03 -0.50 0.00	35.41 -0.58 0.00	37.51 -0.61 0.00	47.95 -0.83 -0.01	58.37 -0.88 -0.19	64.04 -0.82 -1.83	51.58 -0.67 -0.65	49.74 -0.64 -1.24	49.29 -0.55 -1.72	47.32 -0.55 -1.63	48.41 -0.47 -1.88	46.77 -0.59 -1.78	49.17 -0.77 -1.86	53.07 -0.74 -1.12	55.67 -0.71 -1.72	61.18 -0.79 -1.41	56.81 -0.66 -2.22	49.90 -0.73 -1.97	43.55 -0.68 -1.54	40.45 -0.74 0.00	38.23 -0.50 0.00
SHOEMAKER___GT 23640	42.20 1.89 0.00	38.69 1.59 0.00	38.24 1.58 0.00	37.02 1.49 0.00	37.50 1.51 0.00	39.72 1.60 0.00	51.06 2.29 0.00	61.73 2.66 0.00	65.87 2.84 0.00	54.13 2.53 0.00	51.74 2.60 0.00	50.75 2.55 0.00	48.88 2.63 0.00	49.73 2.73 0.00	48.23 2.64 0.00	51.01 2.93 0.00	55.96 3.27 0.00	58.11 3.45 0.00	64.49 3.93 0.00	58.89 3.65 0.00	52.01 3.35 0.00	45.55 2.86 0.00	43.92 2.72 0.00	40.95 2.21 0.00
SHOEMAKR_138KV_BK 111 55601	42.20 1.89 0.00	38.69 1.59 0.00	38.21 1.54 0.00	37.02 1.49 0.00	37.46 1.48 0.00	39.76 1.64 0.00	51.01 2.24 0.00	61.78 2.72 0.00	65.87 2.84 0.00	54.19 2.58 0.00	51.69 2.56 0.00	50.80 2.60 0.00	48.88 2.64 0.00	49.78 2.77 0.00	48.37 2.78 0.00	51.06 2.98 0.00	56.01 3.32 0.00	58.11 3.44 0.00	64.49 3.94 0.00	58.95 3.70 0.00	52.01 3.36 0.00	45.64 2.95 0.00	44.00 2.80 0.00	40.95 2.21 0.00
SHOREHAM_IC_1 23715	41.31 1.01 0.00	37.61 0.52 0.00	35.11 0.26 1.82	35.19 0.25 0.59	35.18 0.25 1.06	38.62 0.49 0.00	48.89 0.54 0.41	43.20 0.47 16.34	44.44 0.57 19.15	45.75 1.03 6.89	50.35 1.23 0.02	44.37 1.15 4.98	45.83 1.25 1.66	45.64 1.41 2.78	47.25 1.73 0.06	49.90 1.83 0.01	54.79 2.11 0.01	56.79 2.13 0.01	63.70 3.15 0.00	58.45 3.20 0.00	51.42 2.77 0.00	45.95 3.08 -0.19	44.00 2.80 0.00	40.60 1.86 0.00
SHOREHAM_IC_2 23716	41.31 1.01 0.00	37.61 0.52 0.00	35.12 0.26 1.81	35.19 0.25 0.58	35.19 0.25 1.05	38.66 0.53 0.00	48.89 0.54 0.41	43.26 0.53 16.34	44.44 0.57 19.15	45.75 1.03 6.89	50.25 1.13 0.02	44.37 1.16 4.98	45.87 1.29 1.66	45.59 1.36 2.78	47.44 1.91 0.06	49.85 1.78 0.01	54.84 2.16 0.01	56.79 2.13 0.01	64.00 3.45 0.00	58.72 3.48 0.00	51.72 3.07 0.00	46.04 3.16 -0.19	44.28 3.09 0.00	40.60 1.86 0.00
SISSONVILLE____ 23735	41.40 1.09 0.00	38.21 1.11 0.00	37.70 1.03 0.00	36.45 0.92 0.00	36.99 1.01 0.00	39.27 1.14 0.00	50.03 1.27 0.00	60.66 1.59 0.00	64.73 1.70 0.00	52.59 0.98 0.00	50.27 1.13 0.00	49.16 0.96 0.00	46.89 0.65 0.00	47.38 0.38 0.00	45.81 0.23 0.00	48.37 0.29 0.00	52.74 0.05 0.00	54.23 -0.44 0.00	59.95 -0.61 0.00	54.64 -0.61 0.00	48.12 -0.54 0.00	42.69 0.00 0.00	41.49 0.29 0.00	39.01 0.27 0.00
SITHE_IND_GS1 24169	39.06 -1.25 0.00	35.90 -1.19 0.00	35.49 -1.17 0.00	34.35 -1.17 0.00	34.83 -1.15 0.00	36.87 -1.26 0.00	47.16 -1.61 0.00	57.12 -1.95 0.00	60.95 -2.08 0.00	49.95 -1.65 0.00	47.61 -1.52 0.00	46.70 -1.49 0.00	44.86 -1.39 0.00	45.64 -1.36 0.00	44.26 -1.32 0.00	46.59 -1.49 0.00	51.06 -1.63 0.00	52.97 -1.70 0.00	58.68 -1.88 0.00	53.59 -1.66 0.00	47.10 -1.56 0.00	41.32 -1.37 0.00	39.88 -1.32 0.00	37.70 -1.04 0.00
SITHE_IND_GS2 24170	39.06 -1.25 0.00	35.90 -1.19 0.00	35.49 -1.17 0.00	34.35 -1.17 0.00	34.83 -1.15 0.00	36.87 -1.26 0.00	47.16 -1.61 0.00	57.12 -1.95 0.00	60.95 -2.08 0.00	49.95 -1.65 0.00	47.61 -1.52 0.00	46.70 -1.49 0.00	44.86 -1.39 0.00	45.64 -1.36 0.00	44.26 -1.32 0.00	46.59 -1.49 0.00	51.06 -1.63 0.00	52.97 -1.70 0.00	58.68 -1.88 0.00	53.59 -1.66 0.00	47.10 -1.56 0.00	41.32 -1.37 0.00	39.88 -1.32 0.00	37.70 -1.04 0.00
SITHE_IND_GS3 24171	39.06 -1.25 0.00	35.90 -1.19 0.00	35.49 -1.17 0.00	34.35 -1.17 0.00	34.83 -1.15 0.00	36.87 -1.26 0.00	47.16 -1.61 0.00	57.12 -1.95 0.00	60.95 -2.08 0.00	49.95 -1.65 0.00	47.61 -1.52 0.00	46.70 -1.49 0.00	44.86 -1.39 0.00	45.64 -1.36 0.00	44.26 -1.32 0.00	46.59 -1.49 0.00	51.06 -1.63 0.00	52.97 -1.70 0.00	58.68 -1.88 0.00	53.59 -1.66 0.00	47.10 -1.56 0.00	41.32 -1.37 0.00	39.88 -1.32 0.00	37.70 -1.04 0.00
SITHE_IND_GS4 24172	39.06 -1.25 0.00	35.90 -1.19 0.00	35.49 -1.17 0.00	34.35 -1.17 0.00	34.83 -1.15 0.00	36.87 -1.26 0.00	47.16 -1.61 0.00	57.12 -1.95 0.00	60.95 -2.08 0.00	49.95 -1.65 0.00	47.61 -1.52 0.00	46.70 -1.49 0.00	44.86 -1.39 0.00	45.64 -1.36 0.00	44.26 -1.32 0.00	46.59 -1.49 0.00	51.06 -1.63 0.00	52.97 -1.70 0.00	58.68 -1.88 0.00	53.59 -1.66 0.00	47.10 -1.56 0.00	41.32 -1.37 0.00	39.88 -1.32 0.00	37.70 -1.04 0.00

SITHE___BATAVIA 24024	39.46 -0.85 0.00	36.31 -0.78 0.00	36.05 -0.62 0.00	34.71 -0.82 0.00	34.83 -1.15 0.00	36.52 -1.60 0.00	45.72 -3.02 0.02	55.56 -3.01 0.49	55.28 -3.09 4.66	47.53 -2.42 1.66	43.81 -2.16 3.17	41.73 -2.07 4.40	40.29 -1.80 4.15	40.54 -1.69 4.78	39.11 -1.73 4.74	40.10 -2.88 5.10	39.83 -3.48 9.38	42.06 -3.28 9.33	53.60 -3.15 3.80	48.04 -2.10 5.11	41.64 -2.43 4.58	37.18 -1.92 3.59	39.12 -2.06 0.01	37.37 -1.36 0.01
SITHE___INDEPEND 23800	39.06 -1.25 0.00	35.91 -1.19 0.00	35.50 -1.17 0.00	34.35 -1.17 0.00	34.83 -1.15 0.00	36.87 -1.26 0.00	47.11 -1.66 0.00	57.12 -1.95 0.00	60.95 -2.08 0.00	49.95 -1.65 0.00	47.61 -1.52 0.00	46.70 -1.49 0.00	44.85 -1.39 0.00	45.60 -1.41 0.00	44.22 -1.37 0.00	46.59 -1.49 0.00	51.06 -1.63 0.00	52.97 -1.69 0.00	58.68 -1.88 0.00	53.59 -1.66 0.00	47.10 -1.56 0.00	41.28 -1.41 0.00	39.84 -1.36 0.00	37.70 -1.05 0.00
SITHE___MASSENA 23902	40.99 0.68 0.00	37.80 0.70 0.00	37.36 0.69 0.00	36.16 0.64 0.00	36.63 0.65 0.00	38.85 0.72 0.00	49.64 0.88 0.00	60.19 1.12 0.00	64.29 1.26 0.00	52.43 0.82 0.00	49.92 0.78 0.00	49.01 0.82 0.00	46.84 0.60 0.00	47.38 0.37 0.00	45.81 0.23 0.00	48.37 0.29 0.00	52.90 0.21 0.00	54.83 0.16 0.00	60.62 0.06 0.00	55.14 -0.11 0.00	48.61 -0.05 0.00	42.73 0.04 0.00	41.32 0.12 0.00	38.86 0.12 0.00
SITHE___OGDNSBRG 24021	41.72 1.41 0.00	38.50 1.41 0.00	37.99 1.32 0.00	36.73 1.21 0.00	37.28 1.30 0.00	39.61 1.49 0.00	50.57 1.80 0.00	61.31 2.24 0.00	65.24 2.21 0.00	52.84 1.24 0.00	50.41 1.28 0.00	49.30 1.11 0.00	47.07 0.83 0.00	47.57 0.56 0.00	46.00 0.41 0.00	48.61 0.53 0.00	53.32 0.63 0.00	55.21 0.55 0.00	61.16 0.61 0.00	55.75 0.50 0.00	49.05 0.39 0.00	43.33 0.64 0.00	41.94 0.74 0.00	39.44 0.70 0.00
SITHE___STERLING 23777	41.35 1.05 0.00	38.02 0.93 0.00	37.55 0.88 0.00	36.34 0.82 0.00	36.89 0.90 0.00	39.15 1.03 0.00	50.13 1.36 0.00	60.90 1.83 0.00	64.92 1.89 0.00	53.00 1.39 0.00	50.37 1.23 0.00	49.30 1.11 0.00	47.31 1.06 0.00	48.14 1.13 0.00	46.63 1.05 0.00	49.33 1.20 -0.05	54.06 1.37 0.00	57.05 1.26 -1.12	62.03 1.45 -0.02	56.80 1.54 0.00	49.97 1.26 -0.05	43.84 1.11 -0.04	42.15 0.95 0.00	39.67 0.93 0.00
SLEIGHT__34_KV_TB1 80719	39.38 -0.93 0.00	36.20 -0.89 0.00	35.79 -0.88 0.00	34.60 -0.92 0.00	34.98 -1.01 0.00	37.02 -1.11 0.00	47.06 -1.71 0.00	57.23 -1.83 0.00	61.33 -1.70 0.00	50.32 -1.29 0.00	48.06 -1.08 0.00	47.18 -1.01 0.00	45.32 -0.92 0.00	46.16 -0.85 0.00	44.58 -1.00 0.01	46.66 -1.35 0.08	49.93 -1.53 1.24	51.35 -1.64 1.67	58.83 -1.70 0.03	53.70 -1.55 0.01	46.83 -1.75 0.08	41.05 -1.58 0.06	39.67 -1.52 0.01	37.73 -1.01 0.01
SMITHTWN_69_KV_BK 1 55830	42.04 1.73 0.00	38.24 1.15 0.00	35.23 0.92 2.35	35.66 0.89 0.75	35.52 0.90 1.36	39.34 1.22 0.00	49.70 1.37 0.43	45.15 1.59 15.51	44.71 1.70 20.02	47.59 1.86 5.87	51.18 2.06 0.02	45.59 2.02 4.63	46.63 2.17 1.79	46.30 2.26 2.97	48.26 2.74 0.06	50.67 2.60 0.01	55.74 3.06 0.01	57.77 3.12 0.01	65.03 4.48 0.00	59.66 4.42 0.00	52.50 3.84 0.00	46.78 3.88 -0.20	45.03 3.83 0.00	41.29 2.56 0.00
SOUTH CAIRO___GT 23612	41.60 1.29 0.00	38.39 1.30 0.00	37.99 1.32 0.00	36.84 1.31 0.00	37.25 1.26 0.00	39.38 1.26 0.00	50.38 1.61 0.00	61.13 2.07 0.00	64.73 1.70 0.00	52.48 0.88 0.00	49.73 0.59 0.00	48.67 0.48 0.00	46.75 0.51 0.00	47.62 0.61 0.00	46.41 0.82 0.00	49.19 1.11 0.00	54.27 1.58 0.00	57.02 2.35 0.00	63.34 2.79 0.00	57.62 2.38 0.00	50.85 2.19 0.00	44.57 1.88 0.00	43.05 1.85 0.00	40.21 1.47 0.00
SOUTH HAMPTN___IC 23720	41.59 1.29 0.00	37.83 0.74 0.00	35.31 0.44 1.80	35.37 0.43 0.58	35.37 0.43 1.04	38.84 0.72 0.00	49.03 0.68 0.41	41.61 0.71 18.17	44.35 0.76 19.44	44.46 1.19 8.33	50.69 1.57 0.02	44.00 1.44 5.64	46.06 1.48 1.66	45.88 1.64 2.78	47.48 1.96 0.06	50.14 2.07 0.01	55.06 2.37 0.01	57.06 2.40 0.01	64.00 3.45 0.00	58.78 3.54 0.00	51.67 3.02 0.00	46.16 3.29 -0.18	44.16 2.97 0.00	40.83 2.09 0.00
SOUTHDOW_115KV_TB1 355954	39.26 -1.05 0.00	35.91 -1.19 0.00	35.61 -1.06 0.00	34.03 -1.49 0.00	33.97 -2.02 0.00	35.38 -2.74 0.00	45.32 -3.41 0.03	55.07 -3.25 0.75	52.37 -3.53 7.13	46.24 -2.84 2.53	41.44 -2.85 4.84	38.63 -2.84 6.72	37.30 -2.59 6.35	37.16 -2.54 7.31	37.38 -3.87 4.33	39.27 -3.99 4.82	37.53 -4.64 10.52	38.68 -4.54 11.45	51.92 -5.09 3.55	46.95 -4.14 4.16	41.35 -3.36 3.95	36.66 -2.95 3.09	38.42 -2.76 0.02	35.85 -2.87 0.02
SOUTHOLD_69_KV_BK 2 55809	41.60 1.29 0.00	37.80 0.70 0.00	35.21 0.33 1.79	35.24 0.28 0.57	35.27 0.32 1.04	38.73 0.61 0.00	48.64 0.29 0.41	41.11 0.30 18.25	43.89 0.32 19.45	44.09 0.88 8.40	50.40 1.28 0.02	43.68 1.16 5.67	45.88 1.29 1.66	45.60 1.36 2.78	47.48 1.96 0.06	49.90 1.83 0.01	54.95 2.27 0.01	56.79 2.13 0.01	64.12 3.57 0.00	58.83 3.59 0.00	51.72 3.07 0.00	46.08 3.20 -0.18	44.20 3.01 0.00	40.75 2.01 0.00
SOUTHOLD___IC 23719	41.56 1.25 0.00	37.80 0.70 0.00	35.20 0.33 1.80	35.23 0.28 0.58	35.27 0.32 1.04	38.69 0.57 0.00	48.70 0.34 0.41	41.05 0.24 18.25	43.89 0.32 19.45	44.08 0.88 8.40	50.49 1.37 0.02	43.73 1.21 5.67	45.83 1.25 1.66	45.64 1.41 2.78	47.30 1.78 0.06	49.95 1.87 0.01	54.90 2.21 0.01	56.79 2.13 0.01	63.76 3.21 0.00	58.56 3.31 0.00	51.47 2.82 0.00	45.99 3.11 -0.18	43.91 2.72 0.00	40.75 2.01 0.00
SOUTH_FORK_WT_PWR 323839	41.23 0.93 0.00	37.50 0.41 0.00	34.80 -0.07 1.80	34.87 -0.07 0.58	34.87 -0.07 1.04	38.31 0.19 0.00	48.01 -0.34 0.41	40.27 -0.59 18.21	43.01 -0.57 19.45	43.45 0.21 8.36	49.86 0.74 0.02	43.12 0.58 5.65	45.23 0.65 1.66	45.03 0.80 2.78	46.70 1.18 0.06	49.32 1.25 0.01	54.21 1.53 0.01	56.03 1.37 0.01	62.91 2.36 0.00	57.79 2.54 0.00	50.79 2.14 0.00	45.39 2.52 -0.18	43.33 2.14 0.00	40.33 1.59 0.00
SPIERFLS_115KV_TB 1 80737	41.36 1.05 0.00	38.06 0.96 0.00	37.59 0.92 0.00	36.48 0.96 0.00	36.89 0.90 0.00	39.23 1.11 0.00	49.94 1.17 0.00	60.54 1.48 0.00	64.23 1.20 0.00	52.54 0.93 0.00	49.82 0.69 0.00	48.77 0.58 0.00	46.80 0.55 0.00	47.67 0.66 0.00	46.50 0.91 0.00	49.09 1.01 0.00	54.01 1.32 0.00	56.42 1.75 0.00	62.43 1.88 0.00	56.85 1.60 0.00	50.41 1.75 0.00	44.14 1.45 0.00	42.72 1.52 0.00	39.90 1.16 0.00
ST LAWRENCE____ 23600	40.39 0.08 0.00	37.24 0.15 0.00	36.78 0.11 0.00	35.63 0.11 0.00	36.13 0.14 0.00	38.32 0.19 0.00	48.96 0.20 0.00	59.30 0.24 0.00	63.35 0.32 0.00	51.76 0.16 0.00	49.23 0.10 0.00	48.29 0.10 0.00	46.20 -0.05 0.00	46.77 -0.23 0.00	45.27 -0.32 0.00	47.75 -0.33 0.00	52.27 -0.42 0.00	54.17 -0.49 0.00	59.95 -0.61 0.00	54.53 -0.72 0.00	48.07 -0.58 0.00	42.27 -0.43 0.00	40.83 -0.37 0.00	38.39 -0.35 0.00

STATE_CA_115KV_115_LB 55624	40.75 0.44 0.00	37.65 0.56 0.00	37.18 0.51 0.00	36.13 0.60 0.00	36.53 0.54 0.00	38.66 0.53 0.00	49.45 0.68 0.00	59.83 0.77 0.00	63.72 0.69 0.00	52.23 0.62 0.00	49.63 0.49 0.00	48.72 0.53 0.00	46.80 0.55 0.00	47.67 0.66 0.00	46.41 0.82 0.00	49.04 0.96 0.00	53.75 1.05 0.00	55.92 1.26 0.00	61.89 1.33 0.00	56.41 1.16 0.00	49.82 1.17 0.00	43.72 1.02 0.00	42.23 1.03 0.00	39.52 0.77 0.00
STATE_ST_34_KV_LOAD 55959	40.15 -0.16 0.00	36.91 -0.19 0.00	36.45 -0.22 0.00	35.24 -0.28 0.00	35.70 -0.29 0.00	37.86 -0.27 0.00	48.48 -0.29 0.00	59.00 -0.18 -0.11	63.94 -0.13 -1.04	51.87 -0.10 -0.37	49.74 -0.10 -0.71	49.08 -0.10 -0.98	47.12 -0.05 -0.92	48.12 0.05 -1.07	45.54 -0.05 -0.01	48.10 -0.10 -0.12	54.26 0.00 -1.57	57.18 0.00 -2.51	60.61 0.00 -0.05	55.37 0.11 -0.01	48.72 -0.05 -0.11	42.65 -0.13 -0.09	41.04 -0.16 0.00	38.71 -0.04 0.00
STATION_5_MISC_HYD 23604	39.38 -0.93 0.00	36.20 -0.89 0.00	35.86 -0.81 0.00	34.67 -0.85 0.00	34.94 -1.04 0.00	36.87 -1.26 0.00	46.67 -2.10 0.00	56.64 -2.42 0.00	60.64 -2.40 -0.01	49.80 -1.81 0.00	47.62 -1.52 -0.01	46.76 -1.44 -0.01	45.00 -1.25 -0.01	45.80 -1.22 -0.01	44.57 -1.00 0.01	46.00 -1.92 0.16	47.88 -2.26 2.54	48.93 -2.24 3.49	58.31 -2.18 0.07	53.25 -1.99 0.01	46.18 -2.33 0.14	40.79 -1.79 0.11	39.50 -1.69 0.01	37.53 -1.20 0.01
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	39.58 -0.73 0.00	36.39 -0.70 0.00	36.01 -0.66 0.00	34.78 -0.75 0.00	35.16 -0.83 0.00	37.17 -0.95 0.00	47.25 -1.51 0.00	57.41 -1.65 0.00	61.52 -1.51 0.00	50.47 -1.14 0.00	48.15 -0.98 0.00	47.23 -0.96 0.00	45.41 -0.83 0.00	46.26 -0.75 0.00	44.62 -0.96 0.01	46.67 -1.25 0.16	48.81 -1.37 2.51	49.87 -1.42 3.37	59.03 -1.45 0.07	53.91 -1.33 0.01	47.00 -1.51 0.15	41.16 -1.41 0.12	39.83 -1.36 0.01	37.84 -0.89 0.01
STA_56_34_KV_BUS2_REV_LBMP_B 345033	39.18 -1.13 0.00	36.02 -1.08 0.00	35.68 -0.99 0.00	34.46 -1.07 0.00	34.76 -1.22 0.00	36.68 -1.45 0.00	46.38 -2.39 0.00	56.35 -2.72 0.00	60.39 -2.65 -0.01	49.65 -1.96 0.00	47.42 -1.72 -0.01	46.51 -1.69 -0.01	44.77 -1.48 -0.01	45.61 -1.41 -0.01	43.98 -1.60 0.01	45.86 -2.07 0.15	47.81 -2.42 2.46	48.81 -2.46 3.40	58.01 -2.48 0.06	52.97 -2.27 0.01	46.04 -2.48 0.14	40.36 -2.22 0.11	39.09 -2.10 0.01	37.38 -1.36 0.01
STA_56___34_KV_BUS2 355983	39.18 -1.13 0.00	36.02 -1.08 0.00	35.68 -0.99 0.00	34.46 -1.07 0.00	34.76 -1.22 0.00	36.68 -1.45 0.00	46.38 -2.39 0.00	56.35 -2.72 0.00	60.39 -2.65 -0.01	49.65 -1.96 0.00	47.42 -1.72 -0.01	46.51 -1.69 -0.01	44.77 -1.48 -0.01	45.61 -1.41 -0.01	43.98 -1.60 0.01	45.86 -2.07 0.15	47.81 -2.42 2.46	48.81 -2.46 3.40	58.01 -2.48 0.06	52.97 -2.27 0.01	46.04 -2.48 0.14	40.36 -2.22 0.11	39.09 -2.10 0.01	37.38 -1.36 0.01
STA_67___115KV_BK2 355882	39.30 -1.01 0.00	36.17 -0.93 0.00	35.83 -0.84 0.00	34.60 -0.92 0.00	34.87 -1.12 0.00	36.75 -1.37 0.00	46.43 -2.34 0.00	56.47 -2.60 0.00	60.45 -2.58 -0.01	49.70 -1.91 0.00	47.47 -1.67 -0.01	46.56 -1.64 -0.01	44.86 -1.39 -0.01	45.65 -1.36 -0.01	44.02 -1.55 0.01	45.86 -2.07 0.16	47.81 -2.37 2.51	48.78 -2.41 3.49	58.07 -2.42 0.07	53.03 -2.21 0.01	46.08 -2.43 0.14	40.40 -2.18 0.11	39.13 -2.06 0.01	37.45 -1.28 0.01
STA_7___115KV_9TRANS 80674	39.54 -0.77 0.00	36.35 -0.74 0.00	35.97 -0.70 0.00	34.78 -0.75 0.00	35.05 -0.94 0.00	36.98 -1.14 0.00	46.72 -2.05 0.00	56.88 -2.19 0.00	60.96 -2.08 -0.01	50.11 -1.50 0.00	47.86 -1.28 -0.01	47.00 -1.20 -0.01	45.28 -0.97 -0.01	46.08 -0.94 -0.01	44.39 -1.19 0.01	46.24 -1.68 0.16	48.22 -1.95 2.52	49.20 -1.97 3.50	58.55 -1.94 0.07	53.47 -1.77 0.01	46.42 -2.09 0.14	40.70 -1.88 0.11	39.42 -1.77 0.01	37.68 -1.05 0.01
STA_82___115KV_TB1 80780	39.30 -1.01 0.00	36.17 -0.93 0.00	35.83 -0.84 0.00	34.60 -0.92 0.00	34.87 -1.12 0.00	36.79 -1.33 0.00	46.43 -2.34 0.00	56.47 -2.60 0.00	60.52 -2.52 -0.01	49.70 -1.91 0.00	47.47 -1.67 -0.01	46.61 -1.59 -0.01	44.86 -1.39 -0.01	45.66 -1.36 -0.01	44.02 -1.55 0.01	45.86 -2.07 0.16	47.75 -2.37 2.57	48.72 -2.41 3.54	58.07 -2.42 0.07	53.08 -2.15 0.01	46.08 -2.43 0.14	40.40 -2.18 0.11	39.13 -2.06 0.01	37.49 -1.24 0.01
STEEL___WIND 323596	38.58 -1.73 0.00	35.50 -1.59 0.00	35.28 -1.39 0.00	33.89 -1.63 0.00	33.79 -2.20 0.00	35.26 -2.86 0.00	44.34 -4.39 0.04	53.72 -4.43 0.91	49.77 -4.60 8.67	44.92 -3.61 3.07	39.91 -3.34 5.89	36.79 -3.23 8.17	35.61 -2.91 7.72	35.30 -2.82 8.89	33.60 -3.60 8.39	34.93 -4.14 9.01	32.70 -4.90 15.09	35.47 -4.70 14.49	48.66 -5.15 6.75	42.24 -3.98 9.03	36.96 -3.50 8.19	33.08 -3.20 6.41	38.05 -3.13 0.02	36.01 -2.71 0.02
STEPHTWN_115KV_BK_2 55603	40.91 0.60 0.00	37.76 0.67 0.00	37.33 0.66 0.00	36.23 0.71 0.00	36.67 0.68 0.00	38.85 0.72 0.00	49.64 0.88 0.00	60.13 1.06 0.00	64.04 1.01 0.00	52.43 0.83 0.00	49.82 0.69 0.00	48.87 0.67 0.00	46.94 0.69 0.00	47.81 0.80 0.00	46.54 0.96 0.00	49.19 1.11 0.00	54.06 1.37 0.00	56.25 1.59 0.00	62.31 1.76 0.00	56.79 1.55 0.00	50.12 1.46 0.00	43.97 1.28 0.00	42.52 1.32 0.00	39.75 1.01 0.00
STEBEN_REC_LFGE 323667	39.50 -0.81 0.00	36.17 -0.93 0.00	35.72 -0.95 0.00	34.10 -1.42 0.00	33.90 -2.09 0.00	35.49 -2.63 0.00	45.00 -3.85 -0.09	56.91 -4.19 -2.03	78.10 -4.35 -19.42	54.67 -3.82 -6.88	58.45 -3.88 -13.19	62.70 -3.81 -18.32	59.89 -3.65 -17.30	63.46 -3.48 -19.93	58.31 -3.65 -16.37	60.50 -3.85 -16.27	50.98 -4.11 -2.39	46.97 -4.10 3.60	68.60 -4.60 -12.64	71.83 -3.92 -20.50	62.70 -3.36 -17.40	53.14 -3.16 -13.61	38.01 -3.13 0.05	35.71 -2.98 0.05
STILLWATER___SOLAR 323814	41.68 1.37 0.00	38.35 1.26 0.00	37.88 1.21 0.00	36.77 1.24 0.00	37.17 1.19 0.00	39.46 1.33 0.00	50.47 1.71 0.00	61.08 2.01 0.00	64.99 1.96 0.00	53.15 1.55 0.00	50.41 1.28 0.00	49.40 1.21 0.00	47.44 1.20 0.00	48.32 1.31 0.00	47.04 1.46 0.00	49.76 1.68 0.00	54.69 2.00 0.00	57.02 2.35 0.00	63.10 2.54 0.00	57.46 2.21 0.00	50.79 2.14 0.00	44.48 1.79 0.00	43.01 1.81 0.00	40.21 1.47 0.00
STONY___BROOK 24151	42.00 1.69 0.00	38.20 1.11 0.00	35.52 0.88 2.02	35.72 0.85 0.65	35.67 0.86 1.18	39.26 1.14 0.00	49.71 1.36 0.42	45.68 1.48 14.87	45.40 1.64 19.26	47.81 1.81 5.60	51.23 2.11 0.02	45.78 2.02 4.43	46.62 2.08 1.71	46.37 2.21 2.85	47.98 2.46 0.06	50.67 2.59 0.01	55.63 2.95 0.01	57.72 3.06 0.01	64.67 4.12 0.00	59.33 4.09 0.00	52.20 3.55 0.00	46.60 3.71 -0.20	44.69 3.50 0.00	41.25 2.52 0.00
STURGEON_POOL_HYD 23609	42.12 1.81 0.00	38.61 1.52 0.00	38.17 1.50 0.00	36.94 1.42 0.00	37.43 1.44 0.00	39.65 1.52 0.00	50.91 2.15 0.00	61.66 2.60 0.00	65.74 2.71 0.00	53.98 2.37 0.00	51.54 2.41 0.00	50.60 2.41 0.00	48.74 2.50 0.00	49.59 2.59 0.00	48.18 2.60 0.00	50.87 2.79 0.00	55.80 3.11 0.00	58.06 3.39 0.00	64.43 3.88 0.00	58.78 3.54 0.00	51.92 3.26 0.00	45.55 2.86 0.00	43.92 2.72 0.00	40.83 2.09 0.00

ST_LAW_115_BK7_LBMP 345037	40.43 0.12 0.00	37.28 0.19 0.00	36.82 0.15 0.00	35.67 0.14 0.00	36.17 0.18 0.00	38.35 0.23 0.00	49.01 0.25 0.00	59.36 0.30 0.00	63.41 0.38 0.00	51.76 0.16 0.00	49.23 0.10 0.00	48.29 0.10 0.00	46.24 0.00 0.00	46.82 -0.19 0.00	45.31 -0.27 0.00	47.79 -0.29 0.00	52.27 -0.42 0.00	54.23 -0.44 0.00	59.95 -0.61 0.00	54.53 -0.72 0.00	48.07 -0.58 0.00	42.27 -0.43 0.00	40.83 -0.37 0.00	38.39 -0.35 0.00
ST_LAW_115_BK8_LBMP 345038	40.43 0.12 0.00	37.28 0.19 0.00	36.82 0.15 0.00	35.67 0.14 0.00	36.17 0.18 0.00	38.35 0.23 0.00	49.01 0.25 0.00	59.36 0.30 0.00	63.41 0.38 0.00	51.76 0.16 0.00	49.23 0.10 0.00	48.29 0.10 0.00	46.24 0.00 0.00	46.82 -0.19 0.00	45.31 -0.27 0.00	47.79 -0.29 0.00	52.27 -0.42 0.00	54.23 -0.44 0.00	59.95 -0.61 0.00	54.53 -0.72 0.00	48.07 -0.58 0.00	42.27 -0.43 0.00	40.83 -0.37 0.00	38.39 -0.35 0.00
ST_LAW_230_BK5_LBMP 345035	40.39 0.08 0.00	37.24 0.15 0.00	36.78 0.11 0.00	35.63 0.11 0.00	36.13 0.14 0.00	38.32 0.19 0.00	48.96 0.20 0.00	59.30 0.24 0.00	63.35 0.32 0.00	51.76 0.16 0.00	49.23 0.10 0.00	48.29 0.10 0.00	46.20 -0.05 0.00	46.77 -0.23 0.00	45.27 -0.32 0.00	47.75 -0.33 0.00	52.27 -0.42 0.00	54.17 -0.49 0.00	59.95 -0.61 0.00	54.53 -0.72 0.00	48.07 -0.58 0.00	42.27 -0.43 0.00	40.83 -0.37 0.00	38.39 -0.35 0.00
ST_LAW_230_BK6_LBMP 345036	40.39 0.08 0.00	37.24 0.15 0.00	36.78 0.11 0.00	35.63 0.11 0.00	36.13 0.14 0.00	38.32 0.19 0.00	48.96 0.20 0.00	59.30 0.24 0.00	63.35 0.32 0.00	51.76 0.16 0.00	49.23 0.10 0.00	48.29 0.10 0.00	46.20 -0.05 0.00	46.77 -0.23 0.00	45.27 -0.32 0.00	47.75 -0.33 0.00	52.27 -0.42 0.00	54.17 -0.49 0.00	59.95 -0.61 0.00	54.53 -0.72 0.00	48.07 -0.58 0.00	42.27 -0.43 0.00	40.83 -0.37 0.00	38.39 -0.35 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	42.32 2.02 0.00	38.80 1.71 0.00	38.32 1.65 0.00	37.12 1.60 0.00	37.61 1.62 0.00	39.88 1.75 0.00	51.20 2.44 0.00	61.96 2.89 0.00	66.12 3.09 0.00	54.44 2.84 0.00	51.99 2.85 0.00	51.08 2.89 0.00	49.20 2.96 0.00	50.11 3.10 0.00	48.69 3.10 0.00	51.40 3.32 0.00	56.33 3.64 0.00	58.44 3.77 0.00	64.86 4.30 0.00	59.23 3.98 0.00	52.31 3.65 0.00	45.89 3.20 0.00	44.25 3.05 0.00	41.10 2.36 0.00
SWANROAD_115KV_TB1 355699	38.25 -2.06 0.00	35.28 -1.82 0.00	35.06 -1.61 0.00	33.75 -1.78 0.00	33.68 -2.30 0.00	35.07 -3.05 0.00	43.08 -5.66 0.03	52.21 -6.14 0.71	50.19 -6.18 6.66	44.49 -4.75 2.37	40.14 -4.47 4.53	37.62 -4.29 6.28	36.47 -3.84 5.93	36.41 -3.76 6.83	34.56 -4.24 6.78	35.80 -5.10 7.19	34.22 -6.16 12.31	36.70 -6.01 11.96	48.82 -6.36 5.38	43.62 -4.48 7.15	37.97 -4.43 6.26	33.99 -3.80 4.90	37.23 -3.95 0.02	36.01 -2.71 0.02
SYNERGY___BIOGAS 323694	39.46 -0.85 0.00	36.31 -0.78 0.00	36.05 -0.62 0.00	34.71 -0.82 0.00	34.80 -1.19 0.00	36.45 -1.68 0.00	45.53 -3.22 0.02	55.38 -3.19 0.49	55.28 -3.09 4.66	47.63 -2.32 1.66	43.81 -2.16 3.17	41.68 -2.12 4.40	40.29 -1.80 4.15	40.49 -1.74 4.78	38.61 -2.23 4.74	40.09 -2.88 5.10	39.99 -3.48 9.22	42.00 -3.33 9.33	53.48 -3.27 3.80	47.93 -2.21 5.11	41.59 -2.48 4.59	36.92 -2.18 3.60	38.92 -2.27 0.01	37.37 -1.36 0.01
SYRACUSE___ENERGY_ST1 323597	40.03 -0.28 0.00	36.80 -0.30 0.00	36.34 -0.33 0.00	35.17 -0.36 0.00	35.66 -0.32 0.00	37.78 -0.34 0.00	48.33 -0.44 0.00	58.65 -0.41 0.00	62.65 -0.38 0.00	51.40 -0.21 0.00	48.99 -0.15 0.00	48.05 -0.14 0.00	46.15 -0.09 0.00	47.01 0.00 0.00	45.49 -0.09 0.00	47.94 -0.14 0.00	52.53 -0.16 0.00	54.39 -0.27 0.00	60.25 -0.30 0.00	55.08 -0.17 0.00	48.41 -0.24 0.00	42.44 -0.26 0.00	40.91 -0.29 0.00	38.63 -0.12 0.00
SYRACUSE___ENERGY_ST2 323598	40.03 -0.28 0.00	36.80 -0.30 0.00	36.34 -0.33 0.00	35.17 -0.36 0.00	35.66 -0.32 0.00	37.78 -0.34 0.00	48.33 -0.44 0.00	58.65 -0.41 0.00	62.65 -0.38 0.00	51.40 -0.21 0.00	48.99 -0.15 0.00	48.05 -0.14 0.00	46.15 -0.09 0.00	47.01 0.00 0.00	45.49 -0.09 0.00	47.94 -0.14 0.00	52.53 -0.16 0.00	54.39 -0.27 0.00	60.25 -0.30 0.00	55.08 -0.17 0.00	48.41 -0.24 0.00	42.44 -0.26 0.00	40.91 -0.29 0.00	38.63 -0.12 0.00
SYRACUSE___POWER 24017	39.99 -0.32 0.00	36.72 -0.37 0.00	36.30 -0.37 0.00	35.13 -0.39 0.00	35.59 -0.40 0.00	37.70 -0.42 0.00	48.28 -0.49 0.00	58.53 -0.53 0.00	62.59 -0.44 0.00	51.30 -0.31 0.00	48.89 -0.25 0.00	47.95 -0.24 0.00	46.06 -0.18 0.00	46.91 -0.09 0.00	45.41 -0.18 0.00	47.96 -0.19 -0.07	53.62 -0.21 -1.14	55.93 -0.27 -1.54	60.28 -0.30 -0.03	55.09 -0.17 -0.01	48.48 -0.24 -0.07	42.45 -0.30 -0.05	40.87 -0.33 0.00	38.59 -0.15 0.00
TALLMAN_138KV_BK151 55660	42.49 2.18 0.00	38.91 1.82 0.00	38.43 1.76 0.00	37.19 1.67 0.00	37.71 1.73 0.00	40.03 1.91 0.00	51.45 2.68 0.00	62.31 3.25 0.00	66.50 3.47 0.00	54.81 3.20 0.00	52.33 3.19 0.00	51.42 3.23 0.00	49.53 3.28 0.00	50.44 3.43 0.00	49.00 3.42 0.00	51.73 3.65 0.00	56.75 4.06 0.00	58.82 4.15 0.00	65.28 4.72 0.00	59.67 4.42 0.00	52.69 4.04 0.00	46.19 3.50 0.00	44.53 3.34 0.00	41.34 2.60 0.00
TEALLAVE_115KV_TB7 355573	39.82 -0.48 0.00	36.57 -0.52 0.00	36.16 -0.51 0.00	34.99 -0.53 0.00	35.45 -0.54 0.00	37.55 -0.57 0.00	48.03 -0.73 0.00	58.24 -0.83 0.00	62.27 -0.76 0.00	51.09 -0.52 0.00	48.69 -0.44 0.00	47.81 -0.39 0.00	45.87 -0.37 0.00	46.73 -0.28 0.00	45.27 -0.32 0.00	47.65 -0.43 0.00	52.22 -0.47 0.00	54.07 -0.60 0.00	59.95 -0.61 0.00	54.75 -0.50 0.00	48.12 -0.54 0.00	42.18 -0.51 0.00	40.66 -0.54 0.00	38.39 -0.35 0.00
TELGRAPH_34_KV_EAST 80808	38.90 -1.41 0.00	35.79 -1.30 0.00	35.57 -1.10 0.00	34.24 -1.28 0.00	34.26 -1.73 0.00	35.80 -2.33 0.00	44.45 -4.29 0.03	53.92 -4.55 0.59	52.95 -4.48 5.60	46.21 -3.41 1.99	42.13 -3.19 3.81	39.82 -3.08 5.28	38.52 -2.73 4.99	38.63 -2.63 5.75	36.73 -3.15 5.71	38.08 -3.89 6.11	37.42 -4.64 10.64	39.57 -4.54 10.56	51.27 -4.72 4.56	45.82 -3.31 6.11	39.79 -3.41 5.47	35.47 -2.95 4.28	38.18 -3.01 0.02	36.71 -2.01 0.02
TEMPLE___115KV_TB 2 55572	39.82 -0.48 0.00	36.61 -0.48 0.00	36.16 -0.51 0.00	34.99 -0.53 0.00	35.48 -0.50 0.00	37.59 -0.53 0.00	48.03 -0.73 0.00	58.30 -0.77 0.00	62.34 -0.69 0.00	51.14 -0.46 0.00	48.74 -0.39 0.00	47.86 -0.34 0.00	45.92 -0.32 0.00	46.77 -0.24 0.00	45.31 -0.27 0.00	47.74 -0.34 0.00	52.27 -0.42 0.00	54.12 -0.55 0.00	59.95 -0.61 0.00	54.81 -0.44 0.00	48.17 -0.49 0.00	42.22 -0.47 0.00	40.70 -0.49 0.00	38.43 -0.31 0.00
TIANA____69_KV_BK 1 55817	41.64 1.33 0.00	37.87 0.78 0.00	35.39 0.51 1.79	35.41 0.46 0.57	35.45 0.50 1.04	38.92 0.80 0.00	49.13 0.78 0.41	41.72 0.89 18.23	44.52 0.95 19.45	44.51 1.29 8.39	50.64 1.52 0.02	44.02 1.49 5.66	46.20 1.62 1.66	45.92 1.69 2.78	47.76 2.23 0.06	50.19 2.12 0.01	55.21 2.53 0.01	57.17 2.51 0.01	64.49 3.94 0.00	59.11 3.87 0.00	52.01 3.36 0.00	46.33 3.46 -0.18	44.53 3.34 0.00	40.87 2.13 0.00

TILDEN___115KV_TB1 80814	39.99 -0.32 0.00	36.72 -0.37 0.00	36.30 -0.37 0.00	35.13 -0.39 0.00	35.59 -0.40 0.00	37.70 -0.42 0.00	48.28 -0.49 0.00	58.53 -0.53 0.00	62.59 -0.44 0.00	51.30 -0.31 0.00	48.89 -0.25 0.00	47.95 -0.24 0.00	46.06 -0.18 0.00	46.91 -0.09 0.00	45.41 -0.18 0.00	47.96 -0.19 -0.07	53.62 -0.21 -1.14	55.93 -0.27 -1.54	60.28 -0.30 -0.03	55.09 -0.17 -0.01	48.48 -0.24 -0.07	42.45 -0.30 -0.05	40.87 -0.33 0.00	38.59 -0.15 0.00
TRIGEN___CC 323695	42.30 1.98 -0.01	38.54 1.45 0.00	37.95 1.28 0.00	36.77 1.24 0.00	37.25 1.26 0.00	39.65 1.52 0.00	50.78 2.10 0.09	59.04 2.42 2.45	62.22 2.58 3.39	53.33 2.58 0.85	51.88 2.75 0.01	50.30 2.80 0.69	49.18 2.87 -0.07	49.77 2.96 0.20	48.94 3.33 -0.03	51.30 3.22 0.01	56.27 3.58 0.01	58.32 3.66 0.01	65.42 4.84 -0.02	59.96 4.70 -0.02	52.81 4.14 -0.02	48.30 4.01 -1.60	45.17 3.95 -0.02	41.47 2.71 -0.02
TRINITY___115KV___4 BK 55933	40.55 0.24 0.00	37.43 0.33 0.00	36.96 0.29 0.00	35.91 0.39 0.00	36.35 0.36 0.00	38.47 0.34 0.00	49.16 0.39 0.00	59.48 0.41 0.00	63.34 0.32 0.00	51.92 0.31 0.00	49.33 0.20 0.00	48.43 0.24 0.00	46.52 0.28 0.00	47.38 0.38 0.00	46.13 0.55 0.00	48.75 0.67 0.00	53.59 0.90 0.00	55.71 1.04 0.00	61.71 1.15 0.00	56.30 1.05 0.00	49.68 1.02 0.00	43.59 0.90 0.00	42.10 0.91 0.00	39.40 0.66 0.00
UNION___PROCESSING_DRP 323587	39.34 -0.97 0.00	36.17 -0.93 0.00	35.83 -0.84 0.00	34.60 -0.92 0.00	34.91 -1.08 0.00	36.79 -1.33 0.00	46.43 -2.34 0.00	56.47 -2.60 0.00	60.52 -2.52 -0.01	49.70 -1.91 0.00	47.47 -1.67 -0.01	46.61 -1.59 -0.01	44.86 -1.39 -0.01	45.70 -1.32 -0.01	44.02 -1.55 0.01	45.90 -2.02 0.16	47.74 -2.37 2.58	48.72 -2.41 3.54	58.07 -2.42 0.07	53.08 -2.15 0.01	46.08 -2.43 0.14	40.45 -2.13 0.11	39.17 -2.02 0.01	37.49 -1.24 0.01
UPPER HUDSON___HYD 24058	41.35 1.05 0.00	38.06 0.96 0.00	37.59 0.92 0.00	36.48 0.96 0.00	36.89 0.90 0.00	39.19 1.07 0.00	49.93 1.17 0.00	60.54 1.48 0.00	64.22 1.19 0.00	52.54 0.93 0.00	49.82 0.69 0.00	48.77 0.58 0.00	46.80 0.56 0.00	47.67 0.66 0.00	46.45 0.86 0.00	49.09 1.01 0.00	54.01 1.32 0.00	56.42 1.75 0.00	62.43 1.88 0.00	56.85 1.60 0.00	50.41 1.75 0.00	44.10 1.41 0.00	42.72 1.53 0.00	39.90 1.16 0.00
UPPER RAQUET___HYD 24056	41.40 1.09 0.00	38.20 1.11 0.00	37.69 1.03 0.00	36.45 0.92 0.00	36.99 1.01 0.00	39.27 1.14 0.00	49.93 1.17 0.00	60.66 1.60 0.00	64.73 1.70 0.00	52.58 0.98 0.00	50.17 1.03 0.00	49.16 0.96 0.00	46.89 0.65 0.00	47.38 0.37 0.00	45.81 0.23 0.00	48.37 0.29 0.00	52.74 0.05 0.00	54.23 -0.44 0.00	60.01 -0.55 0.00	54.64 -0.61 0.00	48.12 -0.53 0.00	42.69 0.00 0.00	41.49 0.29 0.00	39.01 0.27 0.00
VALLEY44_115KV_TB2 355964	38.54 -1.77 0.00	35.42 -1.67 0.00	35.20 -1.47 0.00	33.78 -1.74 0.00	33.79 -2.20 0.00	35.26 -2.86 0.00	45.86 -2.88 0.03	56.29 -2.07 0.71	54.17 -2.08 6.78	47.55 -1.65 2.40	42.91 -1.62 4.60	40.26 -1.54 6.39	38.91 -1.29 6.04	38.88 -1.18 6.96	38.92 -2.96 3.71	41.40 -2.50 4.18	39.71 -3.00 9.98	40.77 -2.79 11.11	54.16 -3.33 3.06	48.77 -3.04 3.44	43.44 -1.90 3.31	38.26 -1.84 2.60	39.24 -1.94 0.02	35.85 -2.87 0.02
VALLEY___115KV_TB 1-4 80826	40.95 0.64 0.00	37.72 0.63 0.00	37.44 0.77 0.00	36.41 0.89 0.00	36.96 0.97 0.00	39.19 1.07 0.00	49.94 1.17 0.00	60.42 1.36 0.00	64.29 1.26 0.00	52.43 0.83 0.00	49.92 0.79 0.00	48.92 0.72 0.00	46.89 0.65 0.00	47.67 0.66 0.00	46.18 0.59 0.00	48.71 0.63 0.00	53.38 0.68 0.00	55.21 0.55 0.00	61.22 0.67 0.00	55.91 0.66 0.00	49.19 0.54 0.00	43.25 0.55 0.00	41.73 0.54 0.00	39.25 0.50 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	41.92 1.61 0.00	38.54 1.45 0.00	38.10 1.43 0.00	36.84 1.31 0.00	37.35 1.37 0.00	39.61 1.49 0.00	50.77 2.00 0.00	61.72 2.66 0.00	65.87 2.84 0.00	54.03 2.43 0.00	51.59 2.46 0.00	50.51 2.31 0.00	48.46 2.22 0.00	49.36 2.35 0.00	47.82 2.23 0.00	50.61 2.45 -0.08	55.43 2.74 0.00	59.12 2.68 -1.77	63.62 3.03 -0.04	58.24 2.98 -0.01	51.37 2.63 -0.08	45.02 2.26 -0.06	43.30 2.10 0.00	40.57 1.82 0.00
VISCHER___FERRY HYD 24020	41.35 1.05 0.00	38.06 0.96 0.00	37.59 0.92 0.00	36.48 0.96 0.00	36.92 0.93 0.00	39.15 1.03 0.00	50.23 1.46 0.00	60.60 1.53 0.00	64.54 1.51 0.00	52.79 1.19 0.00	50.17 1.03 0.00	49.21 1.01 0.00	47.21 0.97 0.00	48.09 1.08 0.00	46.77 1.18 0.00	49.52 1.44 0.00	54.38 1.69 0.00	56.58 1.91 0.00	62.67 2.12 0.00	57.13 1.88 0.00	50.46 1.80 0.00	44.19 1.49 0.00	42.68 1.48 0.00	39.94 1.20 0.00
V_A_10_SYNC_DSASP 323832	38.33 -1.98 0.00	35.31 -1.78 0.00	35.09 -1.58 0.00	33.82 -1.71 0.00	33.83 -2.16 0.00	35.38 -2.74 0.00	43.82 -4.93 0.02	52.86 -5.67 0.54	52.08 -5.80 5.15	45.29 -4.49 1.82	41.41 -4.23 3.50	39.24 -4.10 4.86	37.95 -3.70 4.59	38.10 -3.62 5.29	36.58 -3.92 5.09	37.76 -4.76 5.56	36.73 -5.59 10.38	39.28 -5.52 9.87	50.60 -5.81 4.14	46.71 -3.98 4.56	40.28 -4.09 4.29	35.79 -3.54 3.36	37.81 -3.38 0.01	36.44 -2.29 0.01
V_CMM_10_SYNC_DSASP 323787	40.59 0.28 0.00	37.43 0.33 0.00	37.00 0.33 0.00	35.81 0.28 0.00	36.31 0.32 0.00	38.51 0.38 0.00	49.25 0.49 0.00	59.60 0.53 0.00	63.72 0.69 0.00	52.02 0.41 0.00	49.58 0.44 0.00	48.58 0.39 0.00	46.47 0.23 0.00	47.01 0.00 0.00	45.49 -0.09 0.00	47.98 -0.10 0.00	52.53 -0.16 0.00	54.45 -0.22 0.00	60.19 -0.36 0.00	54.75 -0.50 0.00	48.27 -0.39 0.00	42.44 -0.26 0.00	40.99 -0.21 0.00	38.55 -0.19 0.00
V_CMP_10_SYNC_DSASP 323788	40.51 0.20 0.00	37.39 0.30 0.00	36.93 0.26 0.00	35.74 0.21 0.00	36.27 0.29 0.00	38.58 0.46 0.00	49.20 0.44 0.00	59.72 0.65 0.00	63.91 0.88 0.00	52.07 0.46 0.00	49.38 0.25 0.00	48.58 0.38 0.00	46.24 0.00 0.00	46.58 -0.42 0.00	44.90 -0.68 0.00	47.26 -0.82 0.00	51.43 -1.27 0.00	53.30 -1.36 0.00	58.80 -1.76 0.00	53.26 -1.99 0.00	47.20 -1.46 0.00	41.75 -0.94 0.00	40.33 -0.87 0.00	37.93 -0.82 0.00
V_D_10_SYNC_DSASP 323841	40.95 0.64 0.00	37.80 0.70 0.00	37.33 0.66 0.00	36.13 0.60 0.00	36.63 0.65 0.00	38.85 0.72 0.00	49.64 0.88 0.00	60.19 1.12 0.00	64.29 1.26 0.00	52.43 0.82 0.00	49.92 0.78 0.00	48.96 0.77 0.00	46.84 0.60 0.00	47.38 0.37 0.00	45.81 0.23 0.00	48.32 0.24 0.00	52.90 0.21 0.00	54.83 0.16 0.00	60.62 0.06 0.00	55.14 -0.11 0.00	48.56 -0.10 0.00	42.73 0.04 0.00	41.32 0.12 0.00	38.86 0.12 0.00
V_E_10_SYNC_DSASP 323830	42.40 2.09 0.00	39.06 1.96 0.00	38.61 1.94 0.00	37.30 1.78 0.00	37.86 1.87 0.00	40.33 2.21 0.00	51.60 2.83 -0.01	62.99 3.78 -0.14	68.13 3.78 -1.32	54.76 2.68 -0.47	52.39 2.36 -0.90	51.37 1.93 -1.25	49.18 1.76 -1.18	50.11 1.74 -1.36	48.29 1.41 -1.29	51.73 1.83 -1.82	63.08 2.21 -8.17	69.00 2.30 -12.04	64.44 2.66 -1.22	59.86 2.87 -1.74	52.99 2.34 -2.00	46.01 1.75 -1.57	42.75 1.53 -0.02	40.28 1.51 -0.02

V_F_30_NSYNC___DSASP 323816	41.72 1.41 0.00	38.39 1.30 0.00	37.95 1.28 0.00	36.84 1.32 0.00	37.24 1.26 0.00	39.54 1.41 0.00	50.52 1.75 0.00	61.13 2.07 0.00	65.05 2.02 0.00	53.21 1.60 0.00	50.51 1.37 0.00	49.49 1.30 0.00	47.49 1.25 0.00	48.42 1.41 0.00	47.09 1.50 0.00	49.81 1.73 0.00	54.75 2.05 0.00	57.07 2.40 0.00	63.16 2.60 0.00	57.57 2.32 0.00	50.85 2.19 0.00	44.53 1.83 0.00	43.05 1.86 0.00	40.25 1.51 0.00
V_F_30_SYNC_DSASP 323786	40.75 0.44 0.00	37.65 0.56 0.00	37.18 0.51 0.00	36.13 0.60 0.00	36.53 0.54 0.00	38.66 0.53 0.00	49.40 0.63 0.00	59.77 0.71 0.00	63.72 0.69 0.00	52.23 0.62 0.00	49.63 0.49 0.00	48.72 0.53 0.00	46.80 0.55 0.00	47.67 0.66 0.00	46.41 0.82 0.00	49.04 0.96 0.00	53.75 1.05 0.00	55.92 1.26 0.00	61.89 1.33 0.00	56.41 1.16 0.00	49.82 1.17 0.00	43.67 0.98 0.00	42.23 1.03 0.00	39.52 0.77 0.00
V_XM_10_SYNC_DSASP 323789	40.51 0.20 0.00	37.39 0.30 0.00	36.93 0.26 0.00	35.74 0.21 0.00	36.27 0.29 0.00	38.58 0.46 0.00	49.20 0.44 0.00	59.72 0.65 0.00	63.91 0.88 0.00	52.07 0.46 0.00	49.38 0.25 0.00	48.58 0.38 0.00	46.24 0.00 0.00	46.58 -0.42 0.00	44.90 -0.68 0.00	47.26 -0.82 0.00	51.43 -1.27 0.00	53.30 -1.36 0.00	58.80 -1.76 0.00	53.26 -1.99 0.00	47.20 -1.46 0.00	41.75 -0.94 0.00	40.33 -0.87 0.00	37.93 -0.82 0.00
W.BABYLN_69_KV_BK1 56697	42.69 2.38 0.00	38.84 1.74 0.00	38.06 1.54 0.15	36.93 1.46 0.05	37.41 1.51 0.08	39.92 1.79 0.00	50.61 2.15 0.30	52.54 2.66 9.19	53.22 2.77 12.59	51.11 2.74 3.23	52.12 3.00 0.01	48.34 2.84 2.70	48.19 2.91 0.96	48.23 2.96 1.74	48.92 3.37 0.04	51.58 3.51 0.01	56.64 3.95 0.01	58.76 4.10 0.01	66.13 5.57 0.00	60.66 5.41 0.00	53.38 4.72 0.00	47.57 4.35 -0.52	45.73 4.53 0.00	41.92 3.18 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	42.65 2.34 0.00	39.06 1.97 0.00	38.58 1.91 0.00	37.34 1.81 0.00	37.82 1.84 0.00	40.14 2.02 0.00	51.64 2.88 0.00	62.55 3.48 0.00	66.75 3.72 0.00	55.01 3.41 0.00	52.53 3.39 0.00	51.61 3.42 0.00	49.71 3.47 0.00	50.63 3.62 0.00	49.19 3.60 0.00	51.93 3.85 0.00	56.96 4.27 0.00	59.09 4.43 0.00	65.58 5.03 0.00	59.89 4.64 0.00	52.89 4.23 0.00	46.36 3.67 0.00	44.70 3.50 0.00	41.49 2.75 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	42.85 2.54 0.00	39.21 2.11 0.00	38.69 2.02 0.00	37.44 1.92 0.00	37.93 1.94 0.00	40.30 2.17 0.00	51.89 3.12 0.00	62.79 3.72 0.00	67.00 3.97 0.00	55.37 3.77 0.00	52.92 3.78 0.00	52.05 3.86 0.00	50.08 3.84 0.00	51.00 4.00 0.00	49.60 4.01 0.00	52.31 4.23 0.00	57.33 4.64 0.00	59.37 4.70 0.00	65.88 5.33 0.00	60.22 4.97 0.00	53.23 4.57 0.00	46.62 3.93 0.00	44.95 3.75 0.00	41.69 2.94 0.00
W50THST__13_KV_LOAD 356117	43.01 2.70 0.00	39.36 2.26 0.00	38.83 2.16 0.00	37.58 2.06 0.00	38.11 2.12 0.00	40.49 2.36 0.00	52.13 3.36 0.00	63.08 4.02 0.00	67.38 4.35 0.00	55.68 4.08 0.00	53.21 4.08 0.00	52.34 4.14 0.00	50.36 4.12 0.00	51.29 4.28 0.00	49.87 4.29 0.00	52.60 4.52 0.00	57.65 4.95 0.00	59.70 5.03 0.00	66.19 5.63 0.00	60.55 5.30 0.00	53.47 4.82 0.00	46.83 4.14 0.00	45.15 3.95 0.00	41.88 3.14 0.00
WADING RIVER_IC_1 23522	41.39 1.09 0.00	37.65 0.56 0.00	35.20 0.33 1.80	35.26 0.32 0.58	35.26 0.32 1.05	38.69 0.57 0.00	48.98 0.63 0.42	42.21 0.59 17.45	44.39 0.69 19.34	44.93 1.09 7.76	50.49 1.37 0.02	44.06 1.25 5.38	45.92 1.34 1.66	45.73 1.50 2.78	47.35 1.83 0.06	49.95 1.87 0.01	54.85 2.16 0.01	56.90 2.24 0.01	63.76 3.21 0.00	58.50 3.26 0.00	51.52 2.87 0.00	45.99 3.11 -0.18	44.08 2.88 0.00	40.67 1.94 0.00
WADING RIVER_IC_2 23547	41.39 1.09 0.00	37.65 0.56 0.00	35.20 0.33 1.80	35.26 0.32 0.58	35.26 0.32 1.05	38.69 0.57 0.00	48.98 0.63 0.42	42.21 0.59 17.45	44.39 0.69 19.34	44.93 1.09 7.76	50.49 1.37 0.02	44.06 1.25 5.38	45.92 1.34 1.66	45.73 1.50 2.78	47.35 1.83 0.06	49.95 1.87 0.01	54.85 2.16 0.01	56.90 2.24 0.01	63.76 3.21 0.00	58.50 3.26 0.00	51.52 2.87 0.00	45.99 3.11 -0.18	44.08 2.88 0.00	40.67 1.94 0.00
WADING RIVER_IC_3 23601	41.39 1.09 0.00	37.65 0.56 0.00	35.20 0.33 1.80	35.26 0.32 0.58	35.26 0.32 1.05	38.69 0.57 0.00	48.98 0.63 0.42	42.21 0.59 17.45	44.39 0.69 19.34	44.93 1.09 7.76	50.49 1.37 0.02	44.06 1.25 5.38	45.92 1.34 1.66	45.73 1.50 2.78	47.35 1.83 0.06	49.95 1.87 0.01	54.85 2.16 0.01	56.90 2.24 0.01	63.76 3.21 0.00	58.50 3.26 0.00	51.52 2.87 0.00	45.99 3.11 -0.18	44.08 2.88 0.00	40.67 1.94 0.00
WALDENNY_12_KV_BK2 80841	38.66 -1.65 0.00	35.57 -1.52 0.00	35.39 -1.28 0.00	33.96 -1.56 0.00	33.90 -2.09 0.00	35.26 -2.86 0.00	44.29 -4.44 0.04	53.63 -4.55 0.89	49.98 -4.60 8.45	45.10 -3.51 3.00	40.06 -3.34 5.74	37.00 -3.23 7.97	35.85 -2.87 7.52	35.61 -2.73 8.67	33.73 -3.65 8.21	35.18 -4.09 8.81	33.34 -4.85 14.50	35.70 -4.76 14.21	48.75 -5.21 6.59	42.51 -3.92 8.82	37.17 -3.50 7.98	33.37 -3.07 6.25	38.17 -3.01 0.02	36.13 -2.60 0.02
WALDEN___HYDRO 24148	42.45 2.14 0.00	38.91 1.82 0.00	38.43 1.76 0.00	37.19 1.67 0.00	37.68 1.69 0.00	39.95 1.83 0.00	51.35 2.58 0.00	62.14 3.07 0.00	66.31 3.28 0.00	54.50 2.89 0.00	52.04 2.90 0.00	51.13 2.94 0.00	49.25 3.01 0.00	50.16 3.15 0.00	48.73 3.15 0.00	51.45 3.37 0.00	56.43 3.74 0.00	58.60 3.94 0.00	65.04 4.48 0.00	59.39 4.14 0.00	52.45 3.80 0.00	45.98 3.29 0.00	44.37 3.17 0.00	41.22 2.48 0.00
WARRENSBURG____ 23737	41.36 1.05 0.00	38.06 0.96 0.00	37.59 0.92 0.00	36.48 0.96 0.00	36.89 0.90 0.00	39.23 1.11 0.00	49.94 1.17 0.00	60.54 1.48 0.00	64.23 1.20 0.00	52.54 0.93 0.00	49.82 0.69 0.00	48.77 0.58 0.00	46.80 0.55 0.00	47.67 0.66 0.00	46.50 0.91 0.00	49.09 1.01 0.00	54.01 1.32 0.00	56.42 1.75 0.00	62.43 1.88 0.00	56.85 1.60 0.00	50.41 1.75 0.00	44.14 1.45 0.00	42.72 1.52 0.00	39.90 1.16 0.00
WATERSIDE____6 8 9 23538	42.98 2.66 -0.01	39.33 2.23 -0.01	38.80 2.13 -0.01	37.59 2.06 -0.01	38.08 2.09 -0.01	40.42 2.29 -0.01	51.98 3.22 0.00	62.55 3.48 0.00	66.62 3.59 0.00	55.22 3.61 0.00	52.82 3.69 0.00	51.95 3.76 0.00	50.03 3.79 0.00	50.96 3.95 0.00	49.55 3.97 0.00	52.31 4.23 0.00	57.28 4.58 0.00	59.26 4.59 0.00	65.64 5.09 0.00	60.11 4.86 0.00	53.13 4.48 0.00	46.66 3.97 0.00	45.12 3.91 -0.01	41.85 3.10 -0.01
WATKINRD_115KV_LN8_ILLION 55919	40.83 0.52 0.00	37.58 0.48 0.00	37.26 0.59 0.00	36.16 0.64 0.00	36.67 0.68 0.00	38.89 0.76 0.00	49.64 0.88 0.00	60.07 1.00 0.00	63.91 0.88 0.00	52.23 0.62 0.00	49.73 0.59 0.00	48.77 0.58 0.00	46.80 0.55 0.00	47.57 0.56 0.00	46.09 0.50 0.00	48.66 0.58 0.00	53.32 0.63 0.00	55.21 0.55 0.00	61.22 0.67 0.00	55.91 0.66 0.00	49.19 0.54 0.00	43.20 0.51 0.00	41.69 0.49 0.00	39.17 0.43 0.00

WDELAWARE___HYD 323627	42.61 2.30 0.00	39.09 2.00 0.00	38.65 1.98 0.00	37.37 1.85 0.00	37.86 1.87 0.00	40.11 1.98 0.00	51.54 2.78 0.00	62.49 3.42 0.00	66.56 3.53 0.00	54.55 2.94 0.00	52.13 3.00 0.00	51.08 2.89 0.00	49.16 2.92 0.00	50.06 3.05 0.00	48.55 2.96 0.00	51.39 3.31 0.00	56.43 3.74 0.00	58.71 4.05 0.00	65.16 4.60 0.00	59.50 4.25 0.00	52.55 3.89 0.00	45.98 3.29 0.00	44.33 3.13 0.00	41.30 2.56 0.00
WEST BABYLON___IC 23714	42.69 2.38 0.00	38.84 1.74 0.00	38.06 1.54 0.15	36.93 1.46 0.05	37.41 1.51 0.08	39.92 1.79 0.00	50.61 2.15 0.30	52.54 2.66 9.19	53.22 2.77 12.59	51.11 2.74 3.23	52.12 3.00 0.01	48.34 2.84 2.70	48.19 2.91 0.96	48.23 2.96 1.74	48.92 3.37 0.04	51.58 3.51 0.01	56.64 3.95 0.01	58.76 4.10 0.01	66.13 5.57 0.00	60.66 5.41 0.00	53.38 4.72 0.00	47.57 4.35 -0.52	45.73 4.53 0.00	41.92 3.18 0.00
WEST CANADA___HYD 24049	40.43 0.12 0.00	37.20 0.11 0.00	36.78 0.11 0.00	35.63 0.11 0.00	36.09 0.11 0.00	38.24 0.11 0.00	48.91 0.15 0.00	59.24 0.18 0.00	63.16 0.13 0.00	51.71 0.10 0.00	49.23 0.10 0.00	48.29 0.10 0.00	46.38 0.14 0.00	47.15 0.14 0.00	45.77 0.18 0.00	48.27 0.19 0.00	52.96 0.26 0.00	54.94 0.27 0.00	60.86 0.30 0.00	55.58 0.33 0.00	48.95 0.29 0.00	42.91 0.21 0.00	41.40 0.21 0.00	38.94 0.19 0.00
WESTERN_NY_WIND 24143	39.38 -0.93 0.00	36.24 -0.85 0.00	36.01 -0.66 0.00	34.67 -0.85 0.00	34.76 -1.22 0.00	36.37 -1.75 0.00	45.43 -3.32 0.02	55.23 -3.31 0.53	54.72 -3.28 5.03	47.34 -2.48 1.79	43.41 -2.31 3.42	41.19 -2.27 4.74	39.82 -1.94 4.48	40.01 -1.83 5.16	38.14 -2.32 5.12	39.56 -3.03 5.50	39.28 -3.64 9.78	41.41 -3.44 9.81	53.00 -3.45 4.10	47.43 -2.32 5.50	41.15 -2.58 4.93	36.57 -2.26 3.86	38.84 -2.35 0.01	37.29 -1.43 0.01
WESTOVER___LESR 323668	40.51 0.20 0.00	37.20 0.11 0.00	36.82 0.15 0.00	35.59 0.07 0.00	35.99 0.00 0.00	38.05 -0.08 0.00	48.72 -0.05 0.00	59.24 0.18 0.00	63.28 0.25 0.00	51.86 0.26 0.00	49.38 0.25 0.00	48.43 0.24 0.00	46.57 0.32 0.00	47.43 0.42 0.00	45.77 0.18 0.00	48.32 0.24 0.00	51.28 0.26 1.68	54.99 0.33 0.00	60.92 0.36 0.00	55.75 0.50 0.00	49.14 0.49 0.00	43.03 0.34 0.00	41.45 0.25 0.00	38.90 0.15 0.00
WETHRSFD_WT_PWR 323626	38.78 -1.53 0.00	35.57 -1.52 0.00	35.28 -1.39 0.00	33.75 -1.78 0.00	33.58 -2.41 0.00	35.07 -3.05 0.00	43.91 -4.73 0.13	51.01 -5.14 2.91	29.80 -5.42 27.81	37.21 -4.54 9.85	25.92 -4.32 18.89	17.72 -4.24 26.23	17.49 -3.98 24.78	14.56 -3.90 28.54	9.73 -4.38 31.48	10.01 -4.81 33.26	5.17 -5.43 42.10	10.43 -5.30 38.94	29.62 -5.81 25.12	13.16 -4.75 37.33	10.97 -4.23 33.45	12.66 -3.84 26.19	37.38 -3.79 0.03	35.50 -3.22 0.03
WHAVSTOR_138KV_BK127 55557	42.45 2.14 0.00	38.87 1.78 0.00	38.39 1.72 0.00	37.19 1.67 0.00	37.68 1.69 0.00	39.99 1.87 0.00	51.50 2.73 0.00	62.37 3.31 0.00	66.56 3.53 0.00	54.86 3.25 0.00	52.38 3.24 0.00	51.52 3.33 0.00	49.62 3.38 0.00	50.49 3.48 0.00	49.10 3.51 0.00	51.78 3.70 0.00	56.80 4.11 0.00	58.93 4.26 0.00	65.40 4.84 0.00	59.72 4.48 0.00	52.74 4.09 0.00	46.24 3.54 0.00	44.58 3.38 0.00	41.38 2.63 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	42.45 2.14 0.00	38.87 1.78 0.00	38.39 1.72 0.00	37.19 1.67 0.00	37.68 1.69 0.00	39.99 1.87 0.00	51.50 2.73 0.00	62.37 3.31 0.00	66.56 3.53 0.00	54.86 3.25 0.00	52.38 3.24 0.00	51.52 3.33 0.00	49.62 3.38 0.00	50.49 3.48 0.00	49.10 3.51 0.00	51.78 3.70 0.00	56.80 4.11 0.00	58.93 4.26 0.00	65.40 4.84 0.00	59.72 4.48 0.00	52.74 4.09 0.00	46.24 3.54 0.00	44.58 3.38 0.00	41.38 2.63 0.00
WHITEHAL_115KV_TB1 80871	41.60 1.29 0.00	38.28 1.19 0.00	37.81 1.14 0.00	36.70 1.17 0.00	37.10 1.12 0.00	39.50 1.37 0.00	50.33 1.56 0.00	61.02 1.95 0.00	64.60 1.58 0.00	52.79 1.19 0.00	49.97 0.84 0.00	48.87 0.67 0.00	46.84 0.60 0.00	47.76 0.75 0.00	46.59 1.00 0.00	49.23 1.15 0.00	54.27 1.58 0.00	56.91 2.24 0.00	62.98 2.42 0.00	57.29 2.04 0.00	50.80 2.14 0.00	44.44 1.75 0.00	43.01 1.81 0.00	40.10 1.36 0.00
WHITEPLN_13_KV_LOAD 356215	42.85 2.54 0.00	39.21 2.11 0.00	38.72 2.05 0.00	37.48 1.95 0.00	37.97 1.98 0.00	40.30 2.17 0.00	51.84 3.07 0.00	62.79 3.72 0.00	67.06 4.03 0.00	55.37 3.77 0.00	52.92 3.78 0.00	52.00 3.81 0.00	50.13 3.88 0.00	51.00 4.00 0.00	49.55 3.97 0.00	52.26 4.18 0.00	57.38 4.69 0.00	59.37 4.70 0.00	65.88 5.33 0.00	60.22 4.97 0.00	53.13 4.48 0.00	46.58 3.88 0.00	44.86 3.67 0.00	41.65 2.91 0.00
WM_FLOYD_69_KV_BK2 356380	41.68 1.37 0.00	37.95 0.85 0.00	35.49 0.59 1.77	35.53 0.57 0.57	35.54 0.58 1.03	39.00 0.88 0.00	49.33 0.98 0.41	39.99 1.12 20.20	44.46 1.13 19.70	43.04 1.39 9.96	50.74 1.62 0.02	43.41 1.59 6.37	46.30 1.71 1.65	46.03 1.79 2.76	47.85 2.32 0.06	50.28 2.21 0.01	55.27 2.58 0.01	57.28 2.62 0.01	64.55 4.00 0.00	59.22 3.98 0.00	52.16 3.50 0.00	46.42 3.54 -0.19	44.65 3.46 0.00	40.95 2.21 0.00
WOODARD___115KV_TB2 355635	39.78 -0.52 0.00	36.54 -0.56 0.00	36.12 -0.55 0.00	34.96 -0.57 0.00	35.41 -0.58 0.00	37.51 -0.61 0.00	47.99 -0.78 0.00	58.18 -0.89 0.00	62.21 -0.82 0.00	50.99 -0.62 0.00	48.60 -0.54 0.00	47.71 -0.48 0.00	45.83 -0.42 0.00	46.63 -0.38 0.00	45.18 -0.41 0.00	47.60 -0.48 0.00	52.17 -0.53 0.00	54.01 -0.66 0.00	59.83 -0.73 0.00	54.70 -0.55 0.00	48.07 -0.58 0.00	42.14 -0.55 0.00	40.62 -0.58 0.00	38.35 -0.39 0.00
WOODMERE_69_KV_BK1 55827	42.73 2.38 -0.04	38.91 1.82 0.00	38.28 1.61 0.00	37.09 1.56 0.00	37.57 1.58 0.00	39.99 1.87 0.00	51.21 2.49 0.04	60.91 2.89 1.05	64.67 3.09 1.44	54.28 3.04 0.37	52.37 3.24 0.01	51.24 3.28 0.23	50.33 3.38 -0.72	50.96 3.48 -0.47	49.57 3.87 -0.11	51.78 3.70 0.01	56.80 4.11 0.01	58.87 4.21 0.01	66.18 5.57 -0.05	60.66 5.36 -0.05	53.43 4.72 -0.05	50.30 4.53 -3.08	45.70 4.45 -0.05	41.89 3.10 -0.05
YORK___WARBASSE 23770	43.26 2.94 -0.01	39.59 2.49 -0.01	39.06 2.38 -0.01	37.80 2.27 -0.01	38.30 2.30 -0.01	40.69 2.55 -0.01	52.29 3.51 -0.01	62.79 3.72 0.00	66.68 3.66 0.00	55.27 3.66 0.00	52.92 3.78 0.00	52.05 3.86 0.00	50.13 3.88 0.00	51.10 4.09 0.00	49.69 4.10 0.00	52.46 4.38 0.00	57.54 4.85 0.00	59.53 4.87 0.00	65.95 5.39 0.00	60.39 5.14 0.00	53.38 4.72 0.00	46.96 4.27 0.00	45.37 4.16 -0.01	42.08 3.33 -0.01