

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses															--- Marginal Cost of Congestion										10/26/2025	
Generator Data																												
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1	24138	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT			
		49.98	48.09	45.87	43.46	43.16	44.80	50.68	60.31	58.21	48.90	46.76	43.76	42.80	42.47	44.35	45.86	55.38	67.84	84.60	81.78	66.10	59.41	54.19	49.42			
		2.43	2.16	1.98	1.87	1.82	1.93	1.71	1.87	1.80	1.74	1.97	2.00	2.27	2.10	2.27	2.14	2.84	2.80	3.80	3.52	3.03	2.61	2.03	1.95			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1	24260	50.08	48.18	45.96	43.55	43.25	44.85	50.77	60.36	58.26	49.00	46.85	43.80	42.88	42.51	44.43	45.95	55.48	67.90	84.68	81.94	66.17	59.47	54.29	49.52			
		2.52	2.25	2.06	1.95	1.90	1.97	1.81	1.93	1.86	1.84	2.06	2.05	2.35	2.14	2.36	2.23	2.94	2.86	3.88	3.68	3.09	2.67	2.14	2.04			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2	24261	50.08	48.18	45.96	43.55	43.25	44.85	50.77	60.36	58.26	49.00	46.85	43.80	42.88	42.51	44.43	45.95	55.48	67.90	84.68	81.94	66.17	59.47	54.29	49.52			
		2.52	2.25	2.06	1.95	1.90	1.97	1.81	1.93	1.86	1.84	2.06	2.05	2.35	2.14	2.36	2.23	2.94	2.86	3.88	3.68	3.09	2.67	2.14	2.04			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS	24011	49.22	47.49	45.43	43.01	42.75	44.20	50.33	60.07	57.87	48.01	45.37	42.13	40.78	40.82	42.54	44.42	53.85	67.32	83.79	81.08	65.41	58.56	53.72	48.85			
		1.66	1.56	1.54	1.41	1.41	1.33	1.37	1.64	1.47	0.85	0.58	0.38	0.24	0.44	0.46	0.70	1.31	2.28	2.99	2.82	2.33	1.76	1.56	1.38			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY	23798	49.36	47.63	45.56	43.13	42.87	44.29	50.48	60.25	57.98	48.10	45.41	42.18	40.82	40.86	42.58	44.46	53.96	67.45	83.87	81.31	65.47	58.67	53.93	48.99			
		1.81	1.70	1.67	1.54	1.53	1.41	1.52	1.81	1.58	0.94	0.63	0.42	0.29	0.49	0.51	0.74	1.42	2.41	3.07	3.05	2.40	1.87	1.77	1.52			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS	24028	49.22	47.49	45.43	43.01	42.75	44.20	50.33	60.07	57.87	48.01	45.37	42.13	40.78	40.82	42.54	44.42	53.85	67.32	83.79	81.08	65.41	58.56	53.72	48.85			
		1.66	1.56	1.54	1.41	1.41	1.33	1.37	1.64	1.47	0.85	0.58	0.38	0.24	0.44	0.46	0.70	1.31	2.28	2.99	2.82	2.33	1.76	1.56	1.38			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM	23527	49.12	47.72	45.39	42.92	42.67	44.29	50.63	60.42	58.32	48.76	46.04	42.76	41.55	41.79	43.51	45.42	54.69	67.57	83.95	81.23	65.47	58.96	53.93	49.23			
		1.57	1.79	1.49	1.33	1.32	1.41	1.67	1.99	1.92	1.60	1.25	1.00	1.01	1.41	1.43	1.70	2.15	2.53	3.15	2.97	2.40	2.16	1.77	1.76			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP	24190	47.32	45.75	43.67	41.34	41.10	42.66	48.47	57.73	55.72	46.59	44.25	41.22	40.09	40.05	41.78	43.50	52.33	64.71	80.40	77.87	62.89	56.52	51.63	47.14			
		-0.24	-0.18	-0.22	-0.25	-0.25	-0.21	-0.49	-0.70	-0.68	-0.57	-0.54	-0.54	-0.45	-0.32	-0.29	-0.22	-0.21	-0.33	-0.40	-0.39	-0.19	-0.28	-0.52	-0.33			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK	355683	48.17	46.53	44.46	42.21	41.96	43.47	49.79	59.31	57.30	47.77	45.32	42.51	41.10	40.86	42.62	44.33	53.01	65.75	81.77	79.20	63.90	57.43	52.94	48.23			
		0.62	0.60	0.57	0.62	0.62	0.60	0.83	0.88	0.90	0.61	0.54	0.75	0.57	0.48	0.55	0.61	0.47	0.72	0.97	0.94	0.82	0.62	0.78	0.76			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR	323833	48.60	46.94	44.86	42.42	42.21	43.73	49.74	59.25	57.02	47.40	44.92	41.76	40.53	40.50	42.29	44.07	53.33	66.14	82.26	79.67	64.27	57.82	53.04	48.28			
		1.04	1.01	0.96	0.83	0.87	0.86	0.78	0.82	0.62	0.24	0.13	0.00	0.00	0.12	0.21	0.35	0.79	1.10	1.46	1.41	1.20	1.02	0.89	0.81			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR	323834	48.56	46.90	44.86	42.42	42.17	43.73	49.74	59.19	57.02	47.40	44.88	41.76	40.53	40.50	42.29	44.07	53.33	66.14	82.26	79.67	64.27	57.82	53.04	48.28			
		1.00	0.97	0.96	0.83	0.83	0.86	0.78	0.76	0.62	0.24	0.09	0.00	0.00	0.12	0.21	0.35	0.79	1.10	1.46	1.41	1.20	1.02	0.89	0.81			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY___1	23571	47.32	45.75	43.67	41.34	41.10	42.66	48.47	57.73	55.72	46.59	44.25	41.22	40.09	40.05	41.78	43.50	52.33	64.71	80.40	77.87	62.89	56.52	51.63	47.14			
		-0.24	-0.18	-0.22	-0.25	-0.25	-0.21	-0.49	-0.70	-0.68	-0.57	-0.54	-0.54	-0.45	-0.32	-0.29	-0.22	-0.21	-0.33	-0.40	-0.39	-0.19	-0.28	-0.52	-0.33			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

ALBANY___2 23572	47.32 -0.24 0.00	45.75 -0.18 0.00	43.67 -0.22 0.00	41.34 -0.25 0.00	41.10 -0.25 0.00	42.66 -0.21 0.00	48.47 -0.49 0.00	57.73 -0.70 0.00	55.72 -0.68 0.00	46.59 -0.57 0.00	44.25 -0.54 0.00	41.22 -0.54 0.00	40.09 -0.45 0.00	40.05 -0.32 0.00	41.78 -0.29 0.00	43.50 -0.22 0.00	52.33 -0.21 0.00	64.71 -0.33 0.00	80.40 -0.40 0.00	77.87 -0.39 0.00	62.89 -0.19 0.00	56.52 -0.28 0.00	51.63 -0.52 0.00	47.14 -0.33 0.00
ALBANY___3 23573	47.32 -0.24 0.00	45.75 -0.18 0.00	43.67 -0.22 0.00	41.34 -0.25 0.00	41.10 -0.25 0.00	42.66 -0.21 0.00	48.47 -0.49 0.00	57.73 -0.70 0.00	55.72 -0.68 0.00	46.59 -0.57 0.00	44.25 -0.54 0.00	41.22 -0.54 0.00	40.09 -0.45 0.00	40.05 -0.32 0.00	41.78 -0.29 0.00	43.50 -0.22 0.00	52.33 -0.21 0.00	64.71 -0.33 0.00	80.40 -0.40 0.00	77.87 -0.39 0.00	62.89 -0.19 0.00	56.52 -0.28 0.00	51.63 -0.52 0.00	47.14 -0.33 0.00
ALBANY___4 23574	47.32 -0.24 0.00	45.75 -0.18 0.00	43.67 -0.22 0.00	41.34 -0.25 0.00	41.10 -0.25 0.00	42.66 -0.21 0.00	48.47 -0.49 0.00	57.73 -0.70 0.00	55.72 -0.68 0.00	46.59 -0.57 0.00	44.25 -0.54 0.00	41.22 -0.54 0.00	40.09 -0.45 0.00	40.05 -0.32 0.00	41.78 -0.29 0.00	43.50 -0.22 0.00	52.33 -0.21 0.00	64.71 -0.33 0.00	80.40 -0.40 0.00	77.87 -0.39 0.00	62.89 -0.19 0.00	56.52 -0.28 0.00	51.63 -0.52 0.00	47.14 -0.33 0.00
ALBANY___LFGE 323615	47.84 0.29 0.00	46.21 0.28 0.00	44.16 0.26 0.00	41.76 0.17 0.00	41.51 0.17 0.00	43.09 0.22 0.00	48.96 0.00 0.00	58.38 -0.06 0.00	56.29 -0.11 0.00	47.06 -0.09 0.00	44.70 -0.09 0.00	41.59 -0.17 0.00	40.41 -0.12 0.00	40.41 0.04 0.00	42.20 0.13 0.00	43.90 0.18 0.00	52.91 0.37 0.00	65.37 0.33 0.00	81.21 0.41 0.00	78.65 0.39 0.00	63.39 0.32 0.00	57.09 0.29 0.00	52.31 0.16 0.00	47.62 0.14 0.00
ALCOA_PA_115KV_PL-6C 55860	48.60 1.05 0.00	46.99 1.06 0.00	44.86 0.97 0.00	42.59 1.00 0.00	42.38 1.03 0.00	43.90 1.03 0.00	50.28 1.32 0.00	59.90 1.46 0.00	57.81 1.41 0.00	48.15 0.99 0.00	45.68 0.90 0.00	42.84 1.09 0.00	41.38 0.85 0.00	41.14 0.77 0.00	42.92 0.84 0.00	44.68 0.96 0.00	53.43 0.89 0.00	66.34 1.30 0.00	82.50 1.70 0.00	79.98 1.72 0.00	64.46 1.39 0.00	57.94 1.14 0.00	53.46 1.30 0.00	48.71 1.23 0.00
ALCOA_RYNLDS___DRP 24188	48.60 1.05 0.00	46.99 1.06 0.00	44.86 0.97 0.00	42.59 1.00 0.00	42.38 1.03 0.00	43.90 1.03 0.00	50.28 1.32 0.00	59.90 1.46 0.00	57.81 1.41 0.00	48.15 0.99 0.00	45.68 0.90 0.00	42.84 1.09 0.00	41.38 0.85 0.00	41.14 0.77 0.00	42.92 0.84 0.00	44.68 0.96 0.00	53.43 0.89 0.00	66.34 1.30 0.00	82.50 1.70 0.00	79.98 1.72 0.00	64.46 1.39 0.00	57.94 1.14 0.00	53.46 1.30 0.00	48.71 1.23 0.00
ALCOA___DSASP 323711	48.60 1.04 0.00	46.99 1.06 0.00	44.86 0.96 0.00	42.59 1.00 0.00	42.38 1.03 0.00	43.90 1.03 0.00	50.28 1.32 0.00	59.90 1.46 0.00	57.81 1.41 0.00	48.15 0.99 0.00	45.68 0.90 0.00	42.84 1.08 0.00	41.39 0.85 0.00	41.14 0.77 0.00	42.92 0.84 0.00	44.68 0.96 0.00	53.53 1.00 0.00	66.54 1.50 0.00	82.82 2.02 0.00	80.22 1.96 0.00	64.78 1.70 0.00	58.16 1.36 0.00	53.51 1.35 0.00	48.71 1.23 0.00
ALLEGHENY___COGEN 23514	49.22 1.66 0.00	47.40 1.47 0.00	45.17 1.27 0.00	42.84 1.25 0.00	42.58 1.24 0.00	44.20 1.33 0.00	50.97 2.01 0.00	61.30 2.86 0.00	59.00 2.60 0.00	48.76 1.60 0.00	45.95 1.16 0.00	42.47 0.71 0.00	41.10 0.57 0.00	40.98 0.61 0.00	42.83 0.76 0.00	44.33 0.61 0.00	52.86 0.32 0.00	66.93 1.89 0.00	84.04 3.24 0.00	81.16 2.90 0.00	64.59 1.51 0.00	58.56 1.76 0.00	53.72 1.56 0.00	48.71 1.23 0.00
ALTAMONT_115KV_TB 2 55880	48.03 0.48 0.00	46.39 0.46 0.00	44.33 0.44 0.00	41.97 0.37 0.00	41.72 0.37 0.00	43.30 0.43 0.00	49.21 0.24 0.00	58.67 0.23 0.00	56.57 0.17 0.00	47.30 0.14 0.00	44.96 0.18 0.00	41.88 0.13 0.00	40.78 0.24 0.00	40.66 0.28 0.00	42.41 0.34 0.00	44.11 0.39 0.00	53.12 0.58 0.00	65.56 0.52 0.00	81.45 0.65 0.00	78.89 0.63 0.00	63.77 0.69 0.00	57.31 0.51 0.00	52.41 0.26 0.00	47.81 0.33 0.00
ALTONA_WT_PWR 323606	48.31 0.76 0.00	46.66 0.73 0.00	44.59 0.70 0.00	42.34 0.75 0.00	42.13 0.78 0.00	43.65 0.77 0.00	49.84 0.88 0.00	59.37 0.93 0.00	57.36 0.96 0.00	48.05 0.89 0.00	45.55 0.76 0.00	42.76 1.00 0.00	41.30 0.77 0.00	41.06 0.69 0.00	42.83 0.76 0.00	44.60 0.87 0.00	53.17 0.63 0.00	66.21 1.17 0.00	82.26 1.46 0.00	79.59 1.33 0.00	64.34 1.26 0.00	57.65 0.85 0.00	53.04 0.89 0.00	48.47 1.00 0.00
AMERICAN_REF_FUEL 24010	46.32 -1.24 0.00	44.83 -1.10 0.00	42.71 -1.18 0.00	40.55 -1.04 0.00	40.27 -1.08 0.00	41.80 -1.07 0.00	48.03 -0.93 0.00	57.03 -1.40 0.00	55.33 -1.07 0.00	46.78 -0.38 0.00	44.74 -0.04 0.00	41.51 -0.25 0.00	39.97 -0.57 0.00	39.97 -0.40 0.00	41.74 -0.34 0.00	42.54 -1.18 0.00	49.33 -3.21 0.00	61.46 -3.58 0.00	75.96 -4.85 0.00	73.18 -5.09 0.00	58.60 -4.48 0.00	53.39 -3.41 0.00	49.55 -2.61 0.00	45.67 -1.80 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	47.46 -0.09 0.00	45.89 -0.05 0.00	43.68 -0.22 0.00	41.47 -0.12 0.00	41.14 -0.21 0.00	42.70 -0.17 0.00	49.11 0.15 0.00	59.19 0.76 0.00	57.53 1.13 0.00	48.43 1.27 0.00	46.22 1.43 0.00	42.84 1.08 0.00	41.55 1.01 0.00	41.26 0.89 0.00	43.04 0.97 0.00	44.03 0.31 0.00	51.33 -1.21 0.00	64.33 -0.71 0.00	79.35 -1.45 0.00	76.46 -1.80 0.00	60.93 -2.14 0.00	55.32 -1.48 0.00	51.27 -0.89 0.00	46.38 -1.09 0.00
ARTHUR KILL_GT_1 23520	50.56 3.00 -0.01	48.74 2.80 -0.01	46.49 2.59 -0.01	44.05 2.45 -0.01	43.75 2.40 -0.01	45.50 2.62 -0.01	51.47 2.50 -0.01	61.07 2.63 -0.01	58.71 2.31 0.00	49.38 2.22 0.00	47.20 2.42 0.00	44.18 2.42 0.00	43.22 2.68 -0.01	42.88 2.50 0.00	44.86 2.78 -0.01	46.43 2.71 0.00	56.07 3.52 -0.01	68.68 3.64 0.00	85.66 4.85 -0.01	82.89 4.62 -0.01	66.93 3.85 -0.01	60.16 3.35 -0.01	54.98 2.82 -0.01	50.14 2.66 -0.01
ARTHUR_KILL_2 23512	50.46 2.90 -0.01	48.60 2.66 -0.01	46.40 2.50 -0.01	43.97 2.37 -0.01	43.67 2.31 -0.01	45.37 2.49 -0.01	51.32 2.35 -0.01	60.90 2.45 -0.01	58.54 2.14 0.00	49.23 2.07 0.00	47.07 2.28 0.00	44.05 2.30 0.00	43.14 2.60 -0.01	42.80 2.42 0.00	44.65 2.57 -0.01	46.30 2.58 0.00	55.91 3.37 -0.01	68.29 3.25 0.00	85.17 4.36 -0.01	82.41 4.15 -0.01	66.49 3.40 -0.01	59.76 2.95 -0.01	54.98 2.81 -0.01	50.04 2.56 -0.01
ARTHUR_KILL_3 23513	49.65 2.09 0.00	47.77 1.84 0.00	45.56 1.67 0.00	43.13 1.54 0.00	42.83 1.49 0.00	44.41 1.54 0.00	50.28 1.32 0.00	59.78 1.35 0.00	57.70 1.30 0.00	48.53 1.37 0.00	46.40 1.61 0.00	43.43 1.67 0.00	42.48 1.95 0.00	42.15 1.77 0.00	43.92 1.85 0.00	45.51 1.79 0.00	54.96 2.42 0.00	67.12 2.08 0.00	83.63 2.83 0.00	80.92 2.66 0.00	65.28 2.21 0.00	58.79 1.99 0.00	53.93 1.77 0.00	49.04 1.56 0.00

ARTHUR_KILL_COGEN 323718	50.56 3.00 -0.01	48.74 2.80 -0.01	46.54 2.63 -0.01	44.05 2.45 -0.01	43.75 2.40 -0.01	45.50 2.62 -0.01	51.47 2.50 -0.01	61.08 2.63 -0.01	58.71 2.31 0.00	49.38 2.22 0.00	47.20 2.42 0.00	44.18 2.42 0.00	43.22 2.67 -0.01	42.88 2.50 0.00	44.78 2.70 -0.01	46.43 2.71 0.00	56.07 3.52 -0.01	68.48 3.44 0.00	85.41 4.60 -0.01	82.65 4.38 -0.01	66.68 3.59 -0.01	59.93 3.12 -0.01	55.13 2.97 -0.01	50.14 2.66 -0.01
ASHOKAN____ 23654	49.60 2.04 0.00	47.63 1.70 0.00	45.56 1.67 0.00	43.17 1.58 0.00	42.91 1.57 0.00	44.20 1.33 0.00	50.19 1.22 0.00	59.54 1.11 0.00	57.42 1.02 0.00	47.53 0.38 0.00	45.23 0.45 0.00	41.97 0.21 0.00	40.90 0.36 0.00	40.74 0.36 0.00	42.45 0.38 0.00	44.25 0.53 0.00	53.96 1.42 0.00	67.12 2.08 0.00	84.04 3.24 0.00	81.40 3.13 0.00	65.34 2.27 0.00	58.79 1.99 0.00	53.77 1.62 0.00	48.95 1.47 0.00
ASTORIA_EAST_ENERGY_CC1 323581	49.80 2.24 -0.01	47.91 1.97 -0.01	45.74 1.84 -0.01	43.30 1.71 -0.01	43.01 1.66 -0.01	44.55 1.67 -0.01	50.43 1.47 0.00	59.77 1.35 0.01	57.74 1.35 0.01	48.66 1.51 0.01	46.52 1.74 0.01	43.54 1.79 0.01	42.63 2.11 0.01	42.26 1.90 0.01	44.09 2.02 0.01	45.68 1.97 0.01	55.10 2.57 0.01	67.11 2.08 0.01	83.70 2.90 0.01	80.99 2.74 0.01	65.34 2.27 0.01	58.78 1.99 0.01	54.04 1.87 -0.01	49.19 1.71 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	49.75 2.19 -0.01	47.91 1.97 -0.01	45.74 1.84 -0.01	43.30 1.71 -0.01	43.01 1.66 -0.01	44.55 1.67 -0.01	50.38 1.42 0.00	59.77 1.35 0.01	57.74 1.35 0.01	48.61 1.46 0.01	46.52 1.74 0.01	43.54 1.79 0.01	42.59 2.07 0.01	42.26 1.90 0.01	44.05 1.98 0.01	45.68 1.97 0.01	55.10 2.57 0.01	67.11 2.08 0.01	83.70 2.90 0.01	80.92 2.66 0.01	65.27 2.21 0.01	58.72 1.93 0.01	54.04 1.87 -0.01	49.14 1.66 -0.01
ASTORIA_GT2_1 24094	49.75 2.19 -0.01	47.92 1.98 -0.01	45.70 1.80 -0.01	43.30 1.71 -0.01	43.01 1.65 -0.01	44.55 1.67 -0.01	50.43 1.47 0.00	59.78 1.34 0.00	57.75 1.35 0.00	48.62 1.46 0.00	46.53 1.75 0.00	43.55 1.80 0.00	42.63 2.11 0.01	42.27 1.90 0.00	44.17 2.10 0.01	45.69 1.97 0.00	55.11 2.57 0.00	67.32 2.28 0.00	83.95 3.15 0.00	81.24 2.97 0.00	65.60 2.52 0.00	59.02 2.22 0.00	53.99 1.83 -0.01	49.19 1.71 -0.01
ASTORIA_GT2_2 24095	49.75 2.19 -0.01	47.92 1.98 -0.01	45.70 1.80 -0.01	43.30 1.71 -0.01	43.01 1.65 -0.01	44.55 1.67 -0.01	50.43 1.47 0.00	59.78 1.34 0.00	57.75 1.35 0.00	48.62 1.46 0.00	46.53 1.75 0.00	43.55 1.80 0.00	42.63 2.11 0.01	42.27 1.90 0.00	44.17 2.10 0.01	45.69 1.97 0.00	55.11 2.57 0.00	67.32 2.28 0.00	83.95 3.15 0.00	81.24 2.97 0.00	65.60 2.52 0.00	59.02 2.22 0.00	53.99 1.83 -0.01	49.19 1.71 -0.01
ASTORIA_GT2_3 24096	49.75 2.19 -0.01	47.92 1.98 -0.01	45.70 1.80 -0.01	43.30 1.71 -0.01	43.01 1.65 -0.01	44.55 1.67 -0.01	50.43 1.47 0.00	59.78 1.34 0.00	57.75 1.35 0.00	48.62 1.46 0.00	46.53 1.75 0.00	43.55 1.80 0.00	42.63 2.11 0.01	42.27 1.90 0.00	44.17 2.10 0.01	45.69 1.97 0.00	55.11 2.57 0.00	67.32 2.28 0.00	83.95 3.15 0.00	81.24 2.97 0.00	65.60 2.52 0.00	59.02 2.22 0.00	53.99 1.83 -0.01	49.19 1.71 -0.01
ASTORIA_GT2_4 24097	49.75 2.19 -0.01	47.92 1.98 -0.01	45.70 1.80 -0.01	43.30 1.71 -0.01	43.01 1.65 -0.01	44.55 1.67 -0.01	50.43 1.47 0.00	59.78 1.34 0.00	57.75 1.35 0.00	48.62 1.46 0.00	46.53 1.75 0.00	43.55 1.80 0.00	42.63 2.11 0.01	42.27 1.90 0.00	44.17 2.10 0.01	45.69 1.97 0.00	55.11 2.57 0.00	67.32 2.28 0.00	83.95 3.15 0.00	81.24 2.97 0.00	65.60 2.52 0.00	59.02 2.22 0.00	53.99 1.83 -0.01	49.19 1.71 -0.01
ASTORIA_GT3_1 24098	49.75 2.19 -0.01	47.92 1.98 -0.01	45.70 1.80 -0.01	43.30 1.71 -0.01	43.01 1.65 -0.01	44.55 1.67 -0.01	50.43 1.47 0.00	59.78 1.34 0.00	57.75 1.35 0.00	48.62 1.46 0.00	46.53 1.75 0.00	43.55 1.80 0.00	42.63 2.11 0.01	42.27 1.90 0.00	44.17 2.10 0.01	45.69 1.97 0.00	55.11 2.57 0.00	67.32 2.28 0.00	83.95 3.15 0.00	81.24 2.97 0.00	65.60 2.52 0.00	59.02 2.22 0.00	53.99 1.83 -0.01	49.19 1.71 -0.01
ASTORIA_GT3_2 24099	49.75 2.19 -0.01	47.92 1.98 -0.01	45.70 1.80 -0.01	43.30 1.71 -0.01	43.01 1.65 -0.01	44.55 1.67 -0.01	50.43 1.47 0.00	59.78 1.34 0.00	57.75 1.35 0.00	48.62 1.46 0.00	46.53 1.75 0.00	43.55 1.80 0.00	42.63 2.11 0.01	42.27 1.90 0.00	44.17 2.10 0.01	45.69 1.97 0.00	55.11 2.57 0.00	67.32 2.28 0.00	83.95 3.15 0.00	81.24 2.97 0.00	65.60 2.52 0.00	59.02 2.22 0.00	53.99 1.83 -0.01	49.19 1.71 -0.01
ASTORIA_GT3_3 24100	49.75 2.19 -0.01	47.92 1.98 -0.01	45.70 1.80 -0.01	43.30 1.71 -0.01	43.01 1.65 -0.01	44.55 1.67 -0.01	50.43 1.47 0.00	59.78 1.34 0.00	57.75 1.35 0.00	48.62 1.46 0.00	46.53 1.75 0.00	43.55 1.80 0.00	42.63 2.11 0.01	42.27 1.90 0.00	44.17 2.10 0.01	45.69 1.97 0.00	55.11 2.57 0.00	67.32 2.28 0.00	83.95 3.15 0.00	81.24 2.97 0.00	65.60 2.52 0.00	59.02 2.22 0.00	53.99 1.83 -0.01	49.19 1.71 -0.01
ASTORIA_GT3_4 24101	49.75 2.19 -0.01	47.92 1.98 -0.01	45.70 1.80 -0.01	43.30 1.71 -0.01	43.01 1.65 -0.01	44.55 1.67 -0.01	50.43 1.47 0.00	59.78 1.34 0.00	57.75 1.35 0.00	48.62 1.46 0.00	46.53 1.75 0.00	43.55 1.80 0.00	42.63 2.11 0.01	42.27 1.90 0.00	44.17 2.10 0.01	45.69 1.97 0.00	55.11 2.57 0.00	67.32 2.28 0.00	83.95 3.15 0.00	81.24 2.97 0.00	65.60 2.52 0.00	59.02 2.22 0.00	53.99 1.83 -0.01	49.19 1.71 -0.01
ASTORIA_GT4_1 24102	49.75 2.19 -0.01	47.92 1.98 -0.01	45.70 1.80 -0.01	43.30 1.71 -0.01	43.01 1.65 -0.01	44.55 1.67 -0.01	50.43 1.47 0.00	59.78 1.34 0.00	57.75 1.35 0.00	48.62 1.46 0.00	46.53 1.75 0.00	43.55 1.80 0.00	42.63 2.11 0.01	42.27 1.90 0.00	44.17 2.10 0.01	45.69 1.97 0.00	55.11 2.57 0.00	67.32 2.28 0.00	83.95 3.15 0.00	81.24 2.97 0.00	65.60 2.52 0.00	59.02 2.22 0.00	53.99 1.83 -0.01	49.19 1.71 -0.01
ASTORIA_GT4_2 24103	49.75 2.19 -0.01	47.92 1.98 -0.01	45.70 1.80 -0.01	43.30 1.71 -0.01	43.01 1.65 -0.01	44.55 1.67 -0.01	50.43 1.47 0.00	59.78 1.34 0.00	57.75 1.35 0.00	48.62 1.46 0.00	46.53 1.75 0.00	43.55 1.80 0.00	42.63 2.11 0.01	42.27 1.90 0.00	44.17 2.10 0.01	45.69 1.97 0.00	55.11 2.57 0.00	67.32 2.28 0.00	83.95 3.15 0.00	81.24 2.97 0.00	65.60 2.52 0.00	59.02 2.22 0.00	53.99 1.83 -0.01	49.19 1.71 -0.01
ASTORIA_GT4_3 24104	49.75 2.19 -0.01	47.92 1.98 -0.01	45.70 1.80 -0.01	43.30 1.71 -0.01	43.01 1.65 -0.01	44.55 1.67 -0.01	50.43 1.47 0.00	59.78 1.34 0.00	57.75 1.35 0.00	48.62 1.46 0.00	46.53 1.75 0.00	43.55 1.80 0.00	42.63 2.11 0.01	42.27 1.90 0.00	44.17 2.10 0.01	45.69 1.97 0.00	55.11 2.57 0.00	67.32 2.28 0.00	83.95 3.15 0.00	81.24 2.97 0.00	65.60 2.52 0.00	59.02 2.22 0.00	53.99 1.83 -0.01	49.19 1.71 -0.01

ASTORIA_GT4_4 24105	49.75 2.19 -0.01	47.92 1.98 -0.01	45.70 1.80 -0.01	43.30 1.71 -0.01	43.01 1.65 -0.01	44.55 1.67 -0.01	50.43 1.47 0.00	59.78 1.34 0.00	57.75 1.35 0.00	48.62 1.46 0.00	46.53 1.75 0.00	43.55 1.80 0.00	42.63 2.11 0.01	42.27 1.90 0.00	44.17 2.10 0.01	45.69 1.97 0.00	55.11 2.57 0.00	67.32 2.28 0.00	83.95 3.15 0.00	81.24 2.97 0.00	65.60 2.52 0.00	59.02 2.22 0.00	53.99 1.83 -0.01	49.19 1.71 -0.01
ASTORIA_GT_1 23523	49.85 2.28 -0.01	48.01 2.07 -0.01	45.79 1.89 -0.01	43.39 1.79 -0.01	43.09 1.74 -0.01	44.64 1.76 -0.01	50.48 1.52 0.00	59.90 1.46 0.00	57.87 1.47 0.00	48.72 1.56 0.00	46.62 1.84 0.00	43.64 1.88 0.00	42.71 2.19 0.01	42.35 1.98 0.00	44.26 2.19 0.01	45.78 2.05 0.00	55.22 2.68 0.00	67.45 2.41 0.00	84.11 3.31 0.00	81.39 3.13 0.00	65.72 2.65 0.00	59.13 2.33 0.00	54.09 1.93 -0.01	49.24 1.76 -0.01
ASTORIA_GT_10 24110	50.08 2.52 -0.01	48.19 2.25 -0.01	45.96 2.06 -0.01	43.55 1.95 -0.01	43.25 1.90 -0.01	44.85 1.97 -0.01	50.73 1.76 0.00	60.13 1.69 0.00	58.09 1.69 0.00	48.90 1.74 0.00	46.76 1.97 0.00	43.76 2.00 0.00	42.85 2.31 -0.01	42.47 2.10 0.00	44.40 2.31 -0.01	45.91 2.19 0.00	55.38 2.84 0.00	67.64 2.60 0.00	84.36 3.56 0.00	81.63 3.37 0.00	65.98 2.90 0.00	59.36 2.56 0.00	54.25 2.09 -0.01	49.52 2.04 -0.01
ASTORIA_GT_11 24225	50.08 2.52 -0.01	48.19 2.25 -0.01	45.96 2.06 -0.01	43.55 1.95 -0.01	43.25 1.90 -0.01	44.85 1.97 -0.01	50.73 1.76 0.00	60.13 1.69 0.00	58.09 1.69 0.00	48.90 1.74 0.00	46.76 1.97 0.00	43.76 2.00 0.00	42.85 2.31 -0.01	42.47 2.10 0.00	44.40 2.31 -0.01	45.91 2.19 0.00	55.38 2.84 0.00	67.64 2.60 0.00	84.36 3.56 0.00	81.63 3.37 0.00	65.98 2.90 0.00	59.36 2.56 0.00	54.25 2.09 -0.01	49.52 2.04 -0.01
ASTORIA_GT_12 24226	50.08 2.52 -0.01	48.19 2.25 -0.01	45.96 2.06 -0.01	43.55 1.95 -0.01	43.25 1.90 -0.01	44.85 1.97 -0.01	50.73 1.76 0.00	60.13 1.69 0.00	58.09 1.69 0.00	48.90 1.74 0.00	46.76 1.97 0.00	43.76 2.00 0.00	42.85 2.31 -0.01	42.47 2.10 0.00	44.40 2.31 -0.01	45.91 2.19 0.00	55.38 2.84 0.00	67.64 2.60 0.00	84.36 3.56 0.00	81.63 3.37 0.00	65.98 2.90 0.00	59.36 2.56 0.00	54.25 2.09 -0.01	49.52 2.04 -0.01
ASTORIA_GT_13 24227	50.08 2.52 -0.01	48.19 2.25 -0.01	45.96 2.06 -0.01	43.55 1.95 -0.01	43.25 1.90 -0.01	44.85 1.97 -0.01	50.73 1.76 0.00	60.13 1.69 0.00	58.09 1.69 0.00	48.90 1.74 0.00	46.76 1.97 0.00	43.76 2.00 0.00	42.85 2.31 -0.01	42.47 2.10 0.00	44.40 2.31 -0.01	45.91 2.19 0.00	55.38 2.84 0.00	67.64 2.60 0.00	84.36 3.56 0.00	81.63 3.37 0.00	65.98 2.90 0.00	59.36 2.56 0.00	54.25 2.09 -0.01	49.52 2.04 -0.01
ASTORIA_GT_5 24106	49.85 2.28 -0.01	48.01 2.07 -0.01	45.79 1.89 -0.01	43.39 1.79 -0.01	43.09 1.74 -0.01	44.64 1.76 -0.01	50.48 1.52 0.00	59.90 1.46 0.00	57.87 1.47 0.00	48.72 1.56 0.00	46.62 1.84 0.00	43.64 1.88 0.00	42.71 2.19 0.01	42.35 1.98 0.00	44.26 2.19 0.01	45.78 2.05 0.00	55.22 2.68 0.00	67.45 2.41 0.00	84.11 3.31 0.00	81.39 3.13 0.00	65.72 2.65 0.00	59.13 2.33 0.00	54.09 1.93 -0.01	49.24 1.76 -0.01
ASTORIA_GT_7 24107	49.85 2.28 -0.01	48.01 2.07 -0.01	45.79 1.89 -0.01	43.39 1.79 -0.01	43.09 1.74 -0.01	44.64 1.76 -0.01	50.48 1.52 0.00	59.90 1.46 0.00	57.87 1.47 0.00	48.72 1.56 0.00	46.62 1.84 0.00	43.64 1.88 0.00	42.71 2.19 0.01	42.35 1.98 0.00	44.26 2.19 0.01	45.78 2.05 0.00	55.22 2.68 0.00	67.45 2.41 0.00	84.11 3.31 0.00	81.39 3.13 0.00	65.72 2.65 0.00	59.13 2.33 0.00	54.09 1.93 -0.01	49.24 1.76 -0.01
ASTORIA_GT_8 24108	49.85 2.28 -0.01	48.01 2.07 -0.01	45.79 1.89 -0.01	43.39 1.79 -0.01	43.09 1.74 -0.01	44.64 1.76 -0.01	50.48 1.52 0.00	59.90 1.46 0.00	57.87 1.47 0.00	48.72 1.56 0.00	46.62 1.84 0.00	43.64 1.88 0.00	42.71 2.19 0.01	42.35 1.98 0.00	44.26 2.19 0.01	45.78 2.05 0.00	55.22 2.68 0.00	67.45 2.41 0.00	84.11 3.31 0.00	81.39 3.13 0.00	65.72 2.65 0.00	59.13 2.33 0.00	54.09 1.93 -0.01	49.24 1.76 -0.01
ASTORIA___2 24149	49.80 2.24 -0.01	47.91 1.97 -0.01	45.74 1.84 -0.01	43.30 1.71 -0.01	43.01 1.66 -0.01	44.55 1.67 -0.01	50.43 1.47 0.00	59.77 1.35 0.01	57.74 1.35 0.01	48.66 1.51 0.01	46.52 1.74 0.01	43.54 1.79 0.01	42.63 2.11 0.01	42.26 1.90 0.01	44.09 2.02 0.01	45.68 1.97 0.01	55.10 2.57 0.01	67.11 2.08 0.01	83.70 2.90 0.01	80.99 2.74 0.01	65.34 2.27 0.01	58.78 1.99 0.01	54.04 1.87 -0.01	49.19 1.71 -0.01
ASTORIA___3 23516	50.08 2.52 -0.01	48.19 2.25 -0.01	46.01 2.11 -0.01	43.55 1.96 -0.01	43.25 1.90 -0.01	44.85 1.97 -0.01	50.72 1.76 0.00	60.13 1.70 0.00	58.09 1.69 0.00	48.90 1.75 0.00	46.75 1.97 0.00	43.76 2.00 0.00	42.85 2.31 -0.01	42.47 2.10 0.00	44.31 2.23 -0.01	45.91 2.19 0.00	55.37 2.84 0.00	67.51 2.47 0.00	84.19 3.39 0.00	81.40 3.13 0.00	65.66 2.59 0.00	59.13 2.33 0.00	54.40 2.24 -0.01	49.52 2.04 -0.01
ASTORIA___4 23517	50.08 2.52 -0.01	48.19 2.25 -0.01	45.96 2.06 -0.01	43.55 1.95 -0.01	43.25 1.90 -0.01	44.85 1.97 -0.01	50.73 1.76 0.00	60.13 1.69 0.00	58.09 1.69 0.00	48.90 1.74 0.00	46.76 1.97 0.00	43.76 2.00 0.00	42.85 2.31 -0.01	42.47 2.10 0.00	44.40 2.31 -0.01	45.91 2.19 0.00	55.38 2.84 0.00	67.64 2.60 0.00	84.36 3.56 0.00	81.63 3.37 0.00	65.98 2.90 0.00	59.36 2.56 0.00	54.25 2.09 -0.01	49.52 2.04 -0.01
ASTORIA___5 23518	50.08 2.52 -0.01	48.19 2.25 -0.01	46.01 2.11 -0.01	43.55 1.96 -0.01	43.25 1.90 -0.01	44.85 1.97 -0.01	50.72 1.76 0.00	60.13 1.70 0.00	58.09 1.69 0.00	48.90 1.75 0.00	46.75 1.97 0.00	43.76 2.00 0.00	42.85 2.31 -0.01	42.47 2.10 0.00	44.31 2.23 -0.01	45.91 2.19 0.00	55.37 2.84 0.00	67.51 2.47 0.00	84.19 3.39 0.00	81.40 3.13 0.00	65.66 2.59 0.00	59.13 2.33 0.00	54.40 2.24 -0.01	49.52 2.04 -0.01
AST_ENERGY_2_CC3 323677	41.46 1.76 7.85	39.96 1.51 7.48	35.41 1.40 9.89	35.41 1.29 7.47	35.41 1.24 7.17	35.41 1.24 8.71	41.61 0.98 8.33	48.50 0.76 10.69	44.62 0.79 12.57	37.89 0.99 10.26	36.50 1.30 9.59	36.01 1.38 7.12	36.01 1.66 6.19	36.01 1.49 5.86	36.01 1.60 7.66	36.75 1.53 8.50	39.83 2.05 14.76	40.78 1.43 25.68	57.58 2.10 25.32	54.86 1.96 25.35	43.81 1.64 20.90	44.97 1.42 13.25	39.39 1.35 14.11	38.49 1.23 10.22
AST_ENERGY_2_CC4 323678	41.46 1.76 7.85	39.96 1.51 7.48	35.41 1.40 9.89	35.41 1.29 7.47	35.41 1.24 7.17	35.41 1.24 8.71	41.61 0.98 8.33	48.50 0.76 10.69	44.62 0.79 12.57	37.89 0.99 10.26	36.50 1.30 9.59	36.01 1.38 7.12	36.01 1.66 6.19	36.01 1.49 5.86	36.01 1.60 7.66	36.75 1.53 8.50	39.83 2.05 14.76	40.78 1.43 25.68	57.58 2.10 25.32	54.86 1.96 25.35	43.81 1.64 20.90	44.97 1.42 13.25	39.39 1.35 14.11	38.49 1.23 10.22

ATHENS_STG_1 23668	48.65 1.09 0.00	46.94 1.01 0.00	44.90 1.01 0.00	42.50 0.91 0.00	42.25 0.91 0.00	43.82 0.94 0.00	49.70 0.74 0.00	59.19 0.76 0.00	57.08 0.68 0.00	47.87 0.71 0.00	45.59 0.81 0.00	42.51 0.75 0.00	41.42 0.89 0.00	41.22 0.85 0.00	43.00 0.92 0.00	44.64 0.92 0.00	53.80 1.26 0.00	66.14 1.10 0.00	82.17 1.37 0.00	79.59 1.33 0.00	64.21 1.14 0.00	57.88 1.08 0.00	53.09 0.94 0.00	48.33 0.86 0.00
ATHENS_STG_2 23670	48.65 1.09 0.00	46.94 1.01 0.00	44.90 1.01 0.00	42.50 0.91 0.00	42.25 0.91 0.00	43.82 0.94 0.00	49.70 0.74 0.00	59.19 0.76 0.00	57.08 0.68 0.00	47.87 0.71 0.00	45.59 0.81 0.00	42.51 0.75 0.00	41.42 0.89 0.00	41.22 0.85 0.00	43.00 0.92 0.00	44.64 0.92 0.00	53.80 1.26 0.00	66.14 1.10 0.00	82.17 1.37 0.00	79.59 1.33 0.00	64.21 1.14 0.00	57.88 1.08 0.00	53.09 0.94 0.00	48.33 0.86 0.00
ATHENS_STG_3 23677	48.65 1.09 0.00	46.94 1.01 0.00	44.90 1.01 0.00	42.50 0.91 0.00	42.25 0.91 0.00	43.82 0.94 0.00	49.70 0.74 0.00	59.19 0.76 0.00	57.08 0.68 0.00	47.87 0.71 0.00	45.59 0.81 0.00	42.51 0.75 0.00	41.42 0.89 0.00	41.22 0.85 0.00	43.00 0.92 0.00	44.64 0.92 0.00	53.80 1.26 0.00	66.14 1.10 0.00	82.17 1.37 0.00	79.59 1.33 0.00	64.21 1.14 0.00	57.88 1.08 0.00	53.09 0.94 0.00	48.33 0.86 0.00
AUBURN___LFGE 323710	47.46 -0.10 0.00	45.79 -0.14 0.00	43.76 -0.13 0.00	41.47 -0.12 0.00	41.22 -0.12 0.00	42.74 -0.13 0.00	49.01 0.05 0.00	58.67 0.23 0.00	56.63 0.23 0.00	47.35 0.19 0.00	44.83 0.04 0.00	41.72 -0.04 0.00	40.45 -0.08 0.00	40.29 -0.08 0.00	41.99 -0.08 0.00	43.59 -0.13 0.00	52.43 -0.11 0.00	65.36 0.33 0.00	82.12 0.40 -0.91	79.42 0.47 -0.69	63.14 0.06 0.00	56.91 0.11 0.00	52.31 0.16 0.00	47.43 -0.05 0.00
BABYLON_RES_REC 323704	48.74 1.19 0.01	47.08 1.15 0.00	45.30 1.40 0.00	42.96 1.37 0.00	42.67 1.32 0.00	44.20 1.33 0.00	49.35 0.39 0.01	58.60 0.18 0.01	56.44 0.06 0.01	47.53 0.38 0.01	45.86 1.07 0.00	42.72 0.96 0.00	41.83 1.30 0.00	41.79 1.41 0.00	43.38 1.31 0.00	45.21 1.49 0.00	53.53 1.00 0.01	65.16 0.13 0.01	81.12 0.32 0.01	78.17 -0.08 0.01	63.70 0.63 0.01	57.24 0.45 0.01	50.77 0.10 1.49	48.28 0.81 0.00
BALL_HILL_WT_PWR 323825	46.94 -0.62 0.00	45.38 -0.55 0.00	43.24 -0.66 0.00	41.05 -0.54 0.00	40.72 -0.62 0.00	42.27 -0.60 0.00	48.57 -0.39 0.00	58.44 0.00 0.00	56.74 0.34 0.00	47.77 0.61 0.00	45.59 0.81 0.00	42.26 0.50 0.00	40.98 0.45 0.00	40.70 0.32 0.00	42.50 0.42 0.00	43.50 -0.22 0.00	50.75 -1.79 0.00	63.42 -1.62 0.00	78.38 -2.42 0.00	75.60 -2.66 0.00	60.43 -2.65 0.00	54.87 -1.93 0.00	50.90 -1.25 0.00	46.24 -1.23 0.00
BARON_WINDS___WT_PWR 323822	47.37 -0.19 0.00	45.75 -0.18 0.00	43.63 -0.26 0.00	41.43 -0.17 0.00	41.18 -0.16 0.00	42.75 -0.13 0.00	49.01 0.05 0.00	58.85 0.41 0.00	56.96 0.56 0.00	47.68 0.52 0.00	45.23 0.45 0.00	41.93 0.17 0.00	40.65 0.12 0.00	40.46 0.08 0.00	42.20 0.13 0.00	43.50 -0.22 0.00	51.54 -1.00 0.00	64.39 -0.65 0.00	79.84 -0.97 0.00	77.09 -1.17 0.00	61.69 -1.39 0.00	55.72 -1.08 0.00	51.37 -0.78 0.00	46.81 -0.66 0.00
BARRETT_IC_1 23704	48.84 1.28 0.00	47.09 1.15 -0.01	45.30 1.40 -0.01	42.96 1.37 0.00	42.67 1.32 0.00	44.20 1.33 0.00	49.50 0.54 0.00	58.49 0.06 0.01	56.45 0.06 0.01	47.77 0.61 0.00	45.99 1.12 -0.08	42.89 1.04 -0.08	41.93 1.34 -0.06	41.83 1.37 -0.08	43.44 1.31 -0.06	45.27 1.49 -0.06	54.06 1.52 0.01	66.07 1.04 0.01	82.17 1.37 0.01	79.43 1.18 0.01	64.26 1.20 0.01	57.87 1.08 0.01	52.78 0.73 0.10	48.34 0.81 -0.06
BARRETT_IC_10 23701	48.84 1.28 0.00	47.09 1.15 -0.01	45.30 1.40 -0.01	42.96 1.37 0.00	42.67 1.32 0.00	44.20 1.33 0.00	49.50 0.54 0.00	58.49 0.06 0.01	56.45 0.06 0.01	47.77 0.61 0.00	45.99 1.12 -0.08	42.89 1.04 -0.08	41.93 1.34 -0.06	41.83 1.37 -0.08	43.44 1.31 -0.06	45.27 1.49 -0.06	54.06 1.52 0.01	66.07 1.04 0.01	82.17 1.37 0.01	79.43 1.18 0.01	64.26 1.20 0.01	57.87 1.08 0.01	52.78 0.73 0.10	48.34 0.81 -0.06
BARRETT_IC_11 23702	48.84 1.28 0.00	47.09 1.15 -0.01	45.30 1.40 -0.01	42.96 1.37 0.00	42.67 1.32 0.00	44.20 1.33 0.00	49.50 0.54 0.00	58.49 0.06 0.01	56.45 0.06 0.01	47.77 0.61 0.00	45.99 1.12 -0.08	42.89 1.04 -0.08	41.93 1.34 -0.06	41.83 1.37 -0.08	43.44 1.31 -0.06	45.27 1.49 -0.06	54.06 1.52 0.01	66.07 1.04 0.01	82.17 1.37 0.01	79.43 1.18 0.01	64.26 1.20 0.01	57.87 1.08 0.01	52.78 0.73 0.10	48.34 0.81 -0.06
BARRETT_IC_12 23703	48.84 1.28 0.00	47.09 1.15 -0.01	45.30 1.40 -0.01	42.96 1.37 0.00	42.67 1.32 0.00	44.20 1.33 0.00	49.50 0.54 0.00	58.49 0.06 0.01	56.45 0.06 0.01	47.77 0.61 0.00	45.99 1.12 -0.08	42.89 1.04 -0.08	41.93 1.34 -0.06	41.83 1.37 -0.08	43.44 1.31 -0.06	45.27 1.49 -0.06	54.06 1.52 0.01	66.07 1.04 0.01	82.17 1.37 0.01	79.43 1.18 0.01	64.26 1.20 0.01	57.87 1.08 0.01	52.78 0.73 0.10	48.34 0.81 -0.06
BARRETT_IC_2 23705	48.84 1.28 0.00	47.09 1.15 -0.01	45.30 1.40 -0.01	42.96 1.37 0.00	42.67 1.32 0.00	44.20 1.33 0.00	49.50 0.54 0.00	58.49 0.06 0.01	56.45 0.06 0.01	47.77 0.61 0.00	45.99 1.12 -0.08	42.89 1.04 -0.08	41.93 1.34 -0.06	41.83 1.37 -0.08	43.44 1.31 -0.06	45.27 1.49 -0.06	54.06 1.52 0.01	66.07 1.04 0.01	82.17 1.37 0.01	79.43 1.18 0.01	64.26 1.20 0.01	57.87 1.08 0.01	52.78 0.73 0.10	48.34 0.81 -0.06
BARRETT_IC_3 23706	48.84 1.28 0.00	47.09 1.15 -0.01	45.30 1.40 -0.01	42.96 1.37 0.00	42.67 1.32 0.00	44.20 1.33 0.00	49.50 0.54 0.00	58.49 0.06 0.01	56.45 0.06 0.01	47.77 0.61 0.00	45.99 1.12 -0.08	42.89 1.04 -0.08	41.93 1.34 -0.06	41.83 1.37 -0.08	43.44 1.31 -0.06	45.27 1.49 -0.06	54.06 1.52 0.01	66.07 1.04 0.01	82.17 1.37 0.01	79.43 1.18 0.01	64.26 1.20 0.01	57.87 1.08 0.01	52.78 0.73 0.10	48.34 0.81 -0.06
BARRETT_IC_4 23707	48.84 1.28 0.00	47.09 1.15 -0.01	45.30 1.40 -0.01	42.96 1.37 0.00	42.67 1.32 0.00	44.20 1.33 0.00	49.50 0.54 0.00	58.49 0.06 0.01	56.45 0.06 0.01	47.77 0.61 0.00	45.99 1.12 -0.08	42.89 1.04 -0.08	41.93 1.34 -0.06	41.83 1.37 -0.08	43.44 1.31 -0.06	45.27 1.49 -0.06	54.06 1.52 0.01	66.07 1.04 0.01	82.17 1.37 0.01	79.43 1.18 0.01	64.26 1.20 0.01	57.87 1.08 0.01	52.78 0.73 0.10	48.34 0.81 -0.06
BARRETT_IC_5 23708	48.84 1.28 0.00	47.09 1.15 -0.01	45.30 1.40 -0.01	42.96 1.37 0.00	42.67 1.32 0.00	44.20 1.33 0.00	49.50 0.54 0.00	58.49 0.06 0.01	56.45 0.06 0.01	47.77 0.61 0.00	45.99 1.12 -0.08	42.89 1.04 -0.08	41.93 1.34 -0.06	41.83 1.37 -0.08	43.44 1.31 -0.06	45.27 1.49 -0.06	54.06 1.52 0.01	66.07 1.04 0.01	82.17 1.37 0.01	79.43 1.18 0.01	64.26 1.20 0.01	57.87 1.08 0.01	52.78 0.73 0.10	48.34 0.81 -0.06

BARRETT_IC_6 23709	48.84 1.28 0.00	47.09 1.15 -0.01	45.30 1.40 -0.01	42.96 1.37 0.00	42.67 1.32 0.00	44.20 1.33 0.00	49.50 0.54 0.00	58.49 0.06 0.01	56.45 0.06 0.01	47.77 0.61 0.00	45.99 1.12 -0.08	42.89 1.04 -0.08	41.93 1.34 -0.06	41.83 1.37 -0.08	43.44 1.31 -0.06	45.27 1.49 -0.06	54.06 1.52 0.01	66.07 1.04 0.01	82.17 1.37 0.01	79.43 1.18 0.01	64.26 1.20 0.01	57.87 1.08 0.01	52.78 0.73 0.10	48.34 0.81 -0.06
BARRETT_IC_7 23710	48.79 1.24 0.00	47.08 1.15 0.00	45.08 1.19 0.00	42.96 1.37 0.00	42.67 1.32 0.00	44.20 1.33 0.00	49.50 0.54 0.00	58.49 0.06 0.01	56.45 0.06 0.01	47.77 0.61 0.00	45.99 1.12 -0.08	42.89 1.04 -0.08	41.93 1.34 -0.06	41.83 1.37 -0.08	43.48 1.35 -0.06	45.27 1.49 -0.06	54.00 1.47 0.01	66.14 1.11 0.01	82.65 1.86 0.01	79.90 1.64 0.01	64.65 1.58 0.01	58.04 1.25 0.01	52.62 0.57 0.10	48.34 0.81 -0.06
BARRETT_IC_8 23711	48.84 1.28 0.00	47.09 1.15 -0.01	45.30 1.40 -0.01	42.96 1.37 0.00	42.67 1.32 0.00	44.20 1.33 0.00	49.50 0.54 0.00	58.49 0.06 0.01	56.45 0.06 0.01	47.77 0.61 0.00	45.99 1.12 -0.08	42.89 1.04 -0.08	41.93 1.34 -0.06	41.83 1.37 -0.08	43.44 1.31 -0.06	45.27 1.49 -0.06	54.06 1.52 0.01	66.07 1.04 0.01	82.17 1.37 0.01	79.43 1.18 0.01	64.26 1.20 0.01	57.87 1.08 0.01	52.78 0.73 0.10	48.34 0.81 -0.06
BARRETT_IC_9 23700	48.84 1.28 0.00	47.09 1.15 -0.01	45.30 1.40 -0.01	42.96 1.37 0.00	42.67 1.32 0.00	44.20 1.33 0.00	49.50 0.54 0.00	58.49 0.06 0.01	56.45 0.06 0.01	47.77 0.61 0.00	45.99 1.12 -0.08	42.89 1.04 -0.08	41.93 1.34 -0.06	41.83 1.37 -0.08	43.44 1.31 -0.06	45.27 1.49 -0.06	54.06 1.52 0.01	66.07 1.04 0.01	82.17 1.37 0.01	79.43 1.18 0.01	64.26 1.20 0.01	57.87 1.08 0.01	52.78 0.73 0.10	48.34 0.81 -0.06
BARRETT___1 23545	48.84 1.28 0.00	47.09 1.15 -0.01	45.30 1.40 -0.01	42.96 1.37 0.00	42.67 1.32 0.00	44.20 1.33 0.00	49.50 0.54 0.00	58.49 0.06 0.01	56.45 0.06 0.01	47.77 0.61 0.00	45.99 1.12 -0.08	42.89 1.04 -0.08	41.93 1.34 -0.06	41.83 1.37 -0.08	43.44 1.31 -0.06	45.27 1.49 -0.06	54.06 1.52 0.01	66.07 1.04 0.01	82.17 1.37 0.01	79.43 1.18 0.01	64.26 1.20 0.01	57.87 1.08 0.01	52.78 0.73 0.10	48.34 0.81 -0.06
BARRETT___2 23546	48.84 1.28 0.00	47.09 1.15 -0.01	45.30 1.40 -0.01	42.96 1.37 0.00	42.67 1.32 0.00	44.20 1.33 0.00	49.50 0.54 0.00	58.49 0.06 0.01	56.45 0.06 0.01	47.77 0.61 0.00	45.99 1.12 -0.08	42.89 1.04 -0.08	41.93 1.34 -0.06	41.83 1.37 -0.08	43.44 1.31 -0.06	45.27 1.49 -0.06	54.06 1.52 0.01	66.07 1.04 0.01	82.17 1.37 0.01	79.43 1.18 0.01	64.26 1.20 0.01	57.87 1.08 0.01	52.78 0.73 0.10	48.34 0.81 -0.06
BATAVIA__115KV_TB1 55881	47.65 0.10 0.00	46.02 0.09 0.00	43.89 0.00 0.00	41.55 -0.04 0.00	41.26 -0.08 0.00	42.87 0.00 0.00	49.35 0.39 0.00	59.02 0.58 0.00	57.25 0.85 0.00	47.96 0.80 0.00	45.77 0.99 0.00	42.30 0.54 0.00	41.14 0.61 0.00	40.86 0.48 0.00	42.62 0.55 0.00	43.63 -0.09 0.00	51.49 -1.05 0.00	64.32 -0.72 0.00	79.83 -0.97 0.00	77.01 -1.25 0.00	61.12 -1.96 0.00	55.83 -0.97 0.00	52.57 0.42 0.00	47.05 -0.43 0.00
BAYONEEC___CTG1 323682	49.79 2.24 0.00	47.91 1.97 0.00	45.74 1.84 0.00	43.30 1.71 0.00	43.00 1.66 0.00	44.59 1.72 0.00	50.48 1.52 0.00	60.01 1.58 0.00	57.92 1.52 0.00	48.71 1.55 0.00	46.58 1.79 0.00	43.55 1.79 0.00	42.60 2.07 0.00	42.27 1.90 0.00	44.05 1.98 0.00	45.69 1.97 0.00	55.11 2.57 0.00	67.31 2.28 0.00	83.95 3.15 0.00	81.23 2.97 0.00	65.47 2.40 0.00	58.96 2.16 0.00	54.13 1.98 0.00	49.23 1.76 0.00
BAYONEEC___CTG10 323750	49.79 2.24 0.00	47.91 1.97 0.00	45.74 1.84 0.00	43.30 1.71 0.00	43.00 1.66 0.00	44.59 1.72 0.00	50.48 1.52 0.00	60.01 1.58 0.00	57.92 1.52 0.00	48.71 1.55 0.00	46.58 1.79 0.00	43.55 1.79 0.00	42.60 2.07 0.00	42.27 1.90 0.00	44.05 1.98 0.00	45.69 1.97 0.00	55.11 2.57 0.00	67.31 2.28 0.00	83.95 3.15 0.00	81.23 2.97 0.00	65.47 2.40 0.00	58.96 2.16 0.00	54.13 1.98 0.00	49.23 1.76 0.00
BAYONEEC___CTG2 323683	49.79 2.24 0.00	47.91 1.97 0.00	45.74 1.84 0.00	43.30 1.71 0.00	43.00 1.66 0.00	44.59 1.72 0.00	50.48 1.52 0.00	60.01 1.58 0.00	57.92 1.52 0.00	48.71 1.55 0.00	46.58 1.79 0.00	43.55 1.79 0.00	42.60 2.07 0.00	42.27 1.90 0.00	44.05 1.98 0.00	45.69 1.97 0.00	55.11 2.57 0.00	67.31 2.28 0.00	83.95 3.15 0.00	81.23 2.97 0.00	65.47 2.40 0.00	58.96 2.16 0.00	54.13 1.98 0.00	49.23 1.76 0.00
BAYONEEC___CTG3 323684	49.79 2.24 0.00	47.91 1.97 0.00	45.74 1.84 0.00	43.30 1.71 0.00	43.00 1.66 0.00	44.59 1.72 0.00	50.48 1.52 0.00	60.01 1.58 0.00	57.92 1.52 0.00	48.71 1.55 0.00	46.58 1.79 0.00	43.55 1.79 0.00	42.60 2.07 0.00	42.27 1.90 0.00	44.05 1.98 0.00	45.69 1.97 0.00	55.11 2.57 0.00	67.31 2.28 0.00	83.95 3.15 0.00	81.23 2.97 0.00	65.47 2.40 0.00	58.96 2.16 0.00	54.13 1.98 0.00	49.23 1.76 0.00
BAYONEEC___CTG4 323685	49.79 2.24 0.00	47.91 1.97 0.00	45.74 1.84 0.00	43.30 1.71 0.00	43.00 1.66 0.00	44.59 1.72 0.00	50.48 1.52 0.00	60.01 1.58 0.00	57.92 1.52 0.00	48.71 1.55 0.00	46.58 1.79 0.00	43.55 1.79 0.00	42.60 2.07 0.00	42.27 1.90 0.00	44.05 1.98 0.00	45.69 1.97 0.00	55.11 2.57 0.00	67.31 2.28 0.00	83.95 3.15 0.00	81.23 2.97 0.00	65.47 2.40 0.00	58.96 2.16 0.00	54.13 1.98 0.00	49.23 1.76 0.00
BAYONEEC___CTG5 323686	49.79 2.24 0.00	47.91 1.97 0.00	45.74 1.84 0.00	43.30 1.71 0.00	43.00 1.66 0.00	44.59 1.72 0.00	50.48 1.52 0.00	60.01 1.58 0.00	57.92 1.52 0.00	48.71 1.55 0.00	46.58 1.79 0.00	43.55 1.79 0.00	42.60 2.07 0.00	42.27 1.90 0.00	44.05 1.98 0.00	45.69 1.97 0.00	55.11 2.57 0.00	67.31 2.28 0.00	83.95 3.15 0.00	81.23 2.97 0.00	65.47 2.40 0.00	58.96 2.16 0.00	54.13 1.98 0.00	49.23 1.76 0.00
BAYONEEC___CTG6 323687	49.79 2.24 0.00	47.91 1.97 0.00	45.74 1.84 0.00	43.30 1.71 0.00	43.00 1.66 0.00	44.59 1.72 0.00	50.48 1.52 0.00	60.01 1.58 0.00	57.92 1.52 0.00	48.71 1.55 0.00	46.58 1.79 0.00	43.55 1.79 0.00	42.60 2.07 0.00	42.27 1.90 0.00	44.05 1.98 0.00	45.69 1.97 0.00	55.11 2.57 0.00	67.31 2.28 0.00	83.95 3.15 0.00	81.23 2.97 0.00	65.47 2.40 0.00	58.96 2.16 0.00	54.13 1.98 0.00	49.23 1.76 0.00
BAYONEEC___CTG7 323688	49.79 2.24 0.00	47.91 1.97 0.00	45.74 1.84 0.00	43.30 1.71 0.00	43.00 1.66 0.00	44.59 1.72 0.00	50.48 1.52 0.00	60.01 1.58 0.00	57.92 1.52 0.00	48.71 1.55 0.00	46.58 1.79 0.00	43.55 1.79 0.00	42.60 2.07 0.00	42.27 1.90 0.00	44.05 1.98 0.00	45.69 1.97 0.00	55.11 2.57 0.00	67.31 2.28 0.00	83.95 3.15 0.00	81.23 2.97 0.00	65.47 2.40 0.00	58.96 2.16 0.00	54.13 1.98 0.00	49.23 1.76 0.00

BAYONEEC___CTG8 323689	49.79 2.24 0.00	47.91 1.97 0.00	45.74 1.84 0.00	43.30 1.71 0.00	43.00 1.66 0.00	44.59 1.72 0.00	50.48 1.52 0.00	60.01 1.58 0.00	57.92 1.52 0.00	48.71 1.55 0.00	46.58 1.79 0.00	43.55 1.79 0.00	42.60 2.07 0.00	42.27 1.90 0.00	44.05 1.98 0.00	45.69 1.97 0.00	55.11 2.57 0.00	67.31 2.28 0.00	83.95 3.15 0.00	81.23 2.97 0.00	65.47 2.40 0.00	58.96 2.16 0.00	54.13 1.98 0.00	49.23 1.76 0.00
BAYONEEC___CTG9 323749	49.79 2.24 0.00	47.91 1.97 0.00	45.74 1.84 0.00	43.30 1.71 0.00	43.00 1.66 0.00	44.59 1.72 0.00	50.48 1.52 0.00	60.01 1.58 0.00	57.92 1.52 0.00	48.71 1.55 0.00	46.58 1.79 0.00	43.55 1.79 0.00	42.60 2.07 0.00	42.27 1.90 0.00	44.05 1.98 0.00	45.69 1.97 0.00	55.11 2.57 0.00	67.31 2.28 0.00	83.95 3.15 0.00	81.23 2.97 0.00	65.47 2.40 0.00	58.96 2.16 0.00	54.13 1.98 0.00	49.23 1.76 0.00
BEACON___LESR 323632	48.03 0.48 0.00	46.44 0.51 0.00	44.33 0.44 0.00	41.92 0.33 0.00	41.67 0.33 0.00	43.26 0.39 0.00	49.21 0.25 0.00	58.67 0.23 0.00	56.63 0.23 0.00	47.25 0.09 0.00	44.88 0.09 0.00	41.76 0.00 0.00	40.53 0.00 0.00	40.54 0.16 0.00	42.29 0.21 0.00	44.03 0.31 0.00	53.12 0.58 0.00	65.69 0.65 0.00	81.61 0.81 0.00	79.04 0.78 0.00	63.71 0.63 0.00	57.31 0.51 0.00	52.52 0.37 0.00	47.81 0.33 0.00
BEAVER RIVER___HYD 24048	48.79 1.23 0.00	47.27 1.33 0.00	45.17 1.27 0.00	42.80 1.21 0.00	42.54 1.20 0.00	44.12 1.24 0.00	50.63 1.67 0.00	60.31 1.87 0.00	57.64 1.24 0.00	47.82 0.66 0.00	45.37 0.58 0.00	42.22 0.46 0.00	40.98 0.45 0.00	40.74 0.36 0.00	42.41 0.34 0.00	44.20 0.48 0.00	53.53 1.00 0.00	66.73 1.69 0.00	83.96 2.51 -0.65	81.18 2.43 -0.49	64.71 1.64 0.00	58.84 2.04 0.00	53.98 1.82 0.00	48.99 1.52 0.00
BEEBEE_GT_13 23619	47.17 -0.38 0.00	45.52 -0.41 0.00	43.41 -0.48 0.00	41.13 -0.46 0.00	40.85 -0.50 0.00	42.40 -0.47 0.00	48.72 -0.24 0.00	58.49 0.06 0.00	56.74 0.34 0.00	47.54 0.38 0.00	45.19 0.40 0.00	42.01 0.25 0.00	40.78 0.24 0.00	40.50 0.12 0.00	42.20 0.13 0.00	43.50 -0.22 0.00	51.91 -0.63 0.00	64.65 -0.39 0.00	80.32 -0.48 0.00	77.56 -0.70 0.00	61.88 -1.20 0.00	56.23 -0.57 0.00	52.15 0.00 0.00	46.86 -0.62 0.00
BENSHRST_27_KV_BENSHRST_1 355998	50.46 2.90 -0.01	48.56 2.62 -0.01	46.32 2.41 -0.01	43.89 2.29 -0.01	43.58 2.23 -0.01	45.24 2.36 -0.01	51.22 2.25 -0.01	60.78 2.34 -0.01	58.60 2.20 0.00	49.28 2.12 0.00	47.11 2.33 0.00	44.10 2.34 0.00	43.18 2.63 -0.01	42.84 2.46 0.00	44.78 2.69 -0.01	46.30 2.58 0.00	55.96 3.41 -0.01	68.42 3.38 0.00	85.33 4.52 -0.01	82.57 4.30 -0.01	66.68 3.60 -0.01	59.99 3.18 -0.01	54.82 2.66 -0.01	49.95 2.47 -0.01
BETHLEHEM___GRP 23843	47.32 -0.24 0.00	45.75 -0.18 0.00	43.67 -0.22 0.00	41.34 -0.25 0.00	41.10 -0.25 0.00	42.66 -0.21 0.00	48.47 -0.49 0.00	57.73 -0.70 0.00	55.72 -0.68 0.00	46.59 -0.57 0.00	44.25 -0.54 0.00	41.22 -0.54 0.00	40.09 -0.45 0.00	40.05 -0.32 0.00	41.78 -0.29 0.00	43.50 -0.22 0.00	52.33 -0.21 0.00	64.71 -0.33 0.00	80.40 -0.40 0.00	77.87 -0.39 0.00	62.89 -0.19 0.00	56.52 -0.28 0.00	51.63 -0.52 0.00	47.14 -0.33 0.00
BETHLEHEM___GS1 323560	47.32 -0.24 0.00	45.75 -0.18 0.00	43.68 -0.22 0.00	41.34 -0.25 0.00	41.10 -0.25 0.00	42.66 -0.21 0.00	48.47 -0.49 0.00	57.74 -0.70 0.00	55.73 -0.67 0.00	46.60 -0.56 0.00	44.25 -0.54 0.00	41.21 -0.54 0.00	40.09 -0.44 0.00	40.05 -0.32 0.00	41.82 -0.25 0.00	43.50 -0.22 0.00	52.38 -0.16 0.00	64.65 -0.39 0.00	80.32 -0.48 0.00	77.79 -0.47 0.00	62.70 -0.38 0.00	56.46 -0.34 0.00	51.73 -0.42 0.00	47.14 -0.33 0.00
BETHLEHEM___GS2 323561	47.32 -0.24 0.00	45.75 -0.18 0.00	43.68 -0.22 0.00	41.34 -0.25 0.00	41.10 -0.25 0.00	42.66 -0.21 0.00	48.47 -0.49 0.00	57.74 -0.70 0.00	55.73 -0.67 0.00	46.60 -0.56 0.00	44.25 -0.54 0.00	41.21 -0.54 0.00	40.09 -0.44 0.00	40.05 -0.32 0.00	41.82 -0.25 0.00	43.50 -0.22 0.00	52.38 -0.16 0.00	64.65 -0.39 0.00	80.32 -0.48 0.00	77.79 -0.47 0.00	62.70 -0.38 0.00	56.46 -0.34 0.00	51.73 -0.42 0.00	47.14 -0.33 0.00
BETHLEHEM___GS3 323562	47.32 -0.24 0.00	45.75 -0.18 0.00	43.68 -0.22 0.00	41.34 -0.25 0.00	41.10 -0.25 0.00	42.66 -0.21 0.00	48.47 -0.49 0.00	57.74 -0.70 0.00	55.73 -0.67 0.00	46.60 -0.56 0.00	44.25 -0.54 0.00	41.21 -0.54 0.00	40.09 -0.44 0.00	40.05 -0.32 0.00	41.82 -0.25 0.00	43.50 -0.22 0.00	52.38 -0.16 0.00	64.65 -0.39 0.00	80.32 -0.48 0.00	77.79 -0.47 0.00	62.70 -0.38 0.00	56.46 -0.34 0.00	51.73 -0.42 0.00	47.14 -0.33 0.00
BETHLEHEM___STEEL 23779	46.79 -0.76 0.00	45.20 -0.73 0.00	43.15 -0.75 0.00	40.93 -0.67 0.00	40.60 -0.74 0.00	42.14 -0.73 0.00	48.42 -0.54 0.00	58.14 -0.29 0.00	56.57 0.17 0.00	47.63 0.47 0.00	45.46 0.67 0.00	42.09 0.33 0.00	40.86 0.32 0.00	40.62 0.24 0.00	42.37 0.29 0.00	43.37 -0.35 0.00	50.96 -1.58 0.00	63.41 -1.63 0.00	78.14 -2.67 0.00	75.52 -2.74 0.00	60.05 -3.03 0.00	54.76 -2.04 0.00	51.74 -0.42 0.00	46.15 -1.33 0.00
BETHLHEM_115KV_TB1 79974	47.51 -0.05 0.00	45.89 -0.05 0.00	43.85 -0.04 0.00	41.47 -0.12 0.00	41.26 -0.08 0.00	42.79 -0.09 0.00	48.67 -0.29 0.00	57.97 -0.47 0.00	55.89 -0.51 0.00	46.78 -0.38 0.00	44.43 -0.36 0.00	41.38 -0.38 0.00	40.25 -0.28 0.00	40.21 -0.16 0.00	41.95 -0.13 0.00	43.63 -0.09 0.00	52.54 0.00 0.00	64.91 -0.13 0.00	80.72 -0.08 0.00	78.10 -0.16 0.00	63.14 0.06 0.00	56.74 -0.06 0.00	51.84 -0.31 0.00	47.28 -0.19 0.00
BETHPAGE_CC_5 323564	48.69 1.14 0.01	46.99 1.06 0.00	45.17 1.27 0.00	42.84 1.25 0.00	42.54 1.20 0.00	44.07 1.20 0.00	49.30 0.35 0.01	58.42 0.00 0.01	56.39 0.00 0.01	47.53 0.38 0.01	45.86 1.07 0.00	42.76 1.00 0.00	41.83 1.30 0.00	41.75 1.37 0.00	43.34 1.26 0.00	45.12 1.40 0.00	53.85 1.31 0.01	65.94 0.91 0.01	82.08 1.29 0.01	79.34 1.10 0.01	64.21 1.14 0.01	57.64 0.85 0.01	51.42 0.63 1.36	48.23 0.76 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	46.79 -0.76 0.00	45.24 -0.69 0.00	43.19 -0.70 0.00	40.93 -0.67 0.00	40.60 -0.74 0.00	42.14 -0.73 0.00	48.47 -0.49 0.00	58.14 -0.29 0.00	56.57 0.17 0.00	47.63 0.47 0.00	45.46 0.67 0.00	42.09 0.33 0.00	40.86 0.32 0.00	40.62 0.24 0.00	42.37 0.29 0.00	43.37 -0.35 0.00	51.01 -1.52 0.00	63.48 -1.56 0.00	78.22 -2.59 0.00	75.52 -2.74 0.00	60.11 -2.96 0.00	54.81 -1.99 0.00	51.79 -0.37 0.00	46.19 -1.28 0.00
BINGHAMTON___COGEN 23790	47.79 0.24 0.00	46.12 0.18 0.00	44.11 0.22 0.00	41.80 0.21 0.00	41.55 0.21 0.00	43.09 0.21 0.00	49.21 0.24 0.00	58.96 0.53 0.00	56.91 0.51 0.00	47.68 0.52 0.00	45.28 0.49 0.00	42.09 0.33 0.00	40.86 0.32 0.00	40.66 0.28 0.00	42.37 0.29 0.00	43.90 0.17 0.00	52.64 0.11 0.00	65.30 0.26 0.00	81.04 0.24 0.00	78.57 0.31 0.00	63.14 0.06 0.00	56.91 0.11 0.00	52.41 0.26 0.00	47.52 0.05 0.00

BIXINCNT_115KV_LOAD 355685	46.94 -0.62 0.00	45.34 -0.60 0.00	43.28 -0.61 0.00	41.05 -0.54 0.00	40.77 -0.58 0.00	42.32 -0.56 0.00	48.57 -0.39 0.00	58.44 0.00 0.00	56.80 0.39 0.00	47.77 0.61 0.00	45.55 0.76 0.00	42.18 0.42 0.00	40.94 0.41 0.00	40.66 0.28 0.00	42.37 0.29 0.00	43.42 -0.31 0.00	51.01 -1.52 0.00	63.61 -1.43 0.00	78.30 -2.50 0.00	75.60 -2.66 0.00	60.17 -2.90 0.00	54.87 -1.93 0.00	51.74 -0.42 0.00	46.24 -1.23 0.00
BLACK RIVER___HYD 24047	48.88 1.33 0.00	47.36 1.43 0.00	45.26 1.36 0.00	42.84 1.25 0.00	42.58 1.24 0.00	44.20 1.33 0.00	50.78 1.81 0.00	60.60 2.16 0.00	57.75 1.35 0.00	47.87 0.71 0.00	45.41 0.63 0.00	42.13 0.37 0.00	40.86 0.32 0.00	40.62 0.24 0.00	42.20 0.13 0.00	44.11 0.39 0.00	53.69 1.15 0.00	66.93 1.89 0.00	84.87 2.90 -1.17	82.27 3.13 -0.88	65.22 2.15 0.00	59.13 2.33 0.00	54.13 1.98 0.00	49.09 1.62 0.00
BLACKRVR_115KV_TB2 79977	48.89 1.33 0.00	47.36 1.42 0.00	45.25 1.36 0.00	42.84 1.25 0.00	42.58 1.24 0.00	44.20 1.33 0.00	50.77 1.81 0.00	60.60 2.16 0.00	57.75 1.35 0.00	47.87 0.71 0.00	45.41 0.63 0.00	42.13 0.38 0.00	40.86 0.32 0.00	40.62 0.24 0.00	42.20 0.13 0.00	44.11 0.39 0.00	53.69 1.16 0.00	66.93 1.89 0.00	84.88 2.91 -1.17	82.27 3.13 -0.88	65.16 2.08 0.00	59.13 2.33 0.00	54.19 2.03 0.00	49.09 1.61 0.00
BLDWN_LI_69_KV_BK4 356085	49.03 1.47 0.00	47.26 1.33 0.00	45.21 1.32 0.00	43.09 1.50 0.00	42.79 1.45 0.00	44.33 1.46 0.00	49.65 0.69 0.00	58.89 0.47 0.01	56.79 0.39 0.01	47.91 0.75 0.00	46.15 1.34 -0.02	43.04 1.25 -0.02	42.09 1.54 -0.02	41.97 1.57 -0.02	43.69 1.60 -0.02	45.40 1.66 -0.02	54.32 1.79 0.01	66.66 1.63 0.01	83.30 2.50 0.01	80.52 2.27 0.01	65.09 2.02 0.01	58.44 1.65 0.01	52.26 0.94 0.83	48.54 1.04 -0.02
BLISS_WT_PWR 323608	46.94 -0.62 0.00	45.38 -0.55 0.00	43.19 -0.70 0.00	41.05 -0.54 0.00	40.77 -0.58 0.00	42.36 -0.51 0.00	48.62 -0.34 0.00	58.49 0.06 0.00	56.85 0.45 0.00	47.82 0.66 0.00	45.59 0.81 0.00	42.26 0.50 0.00	40.94 0.41 0.00	40.66 0.28 0.00	42.41 0.34 0.00	43.42 -0.30 0.00	50.65 -1.89 0.00	63.42 -1.62 0.00	78.14 -2.66 0.00	75.21 -3.05 0.00	60.18 -2.90 0.00	54.76 -2.04 0.00	50.85 -1.30 0.00	46.24 -1.23 0.00
BLUESTONE___WT_PWR 323821	49.70 2.14 0.00	48.09 2.16 0.00	46.00 2.11 0.00	43.55 1.96 0.00	43.29 1.94 0.00	45.02 2.14 0.00	51.51 2.54 0.00	61.82 3.39 0.00	59.39 2.99 0.00	49.52 2.36 0.00	47.11 2.33 0.00	43.55 1.79 0.00	42.23 1.70 0.00	41.95 1.57 0.00	43.55 1.47 0.00	45.29 1.57 0.00	54.85 2.31 0.00	68.10 3.06 0.00	84.84 4.04 0.00	82.56 4.30 0.00	66.10 3.03 0.00	59.47 2.67 0.00	54.55 2.40 0.00	49.56 2.09 0.00
BLUE_CIRC_CHEM_DRP 24182	48.27 0.71 0.00	46.67 0.73 0.00	44.60 0.70 0.00	42.21 0.62 0.00	41.96 0.62 0.00	43.52 0.64 0.00	49.45 0.49 0.00	58.90 0.47 0.00	56.80 0.39 0.00	47.35 0.19 0.00	44.92 0.13 0.00	41.80 0.04 0.00	40.61 0.08 0.00	40.54 0.16 0.00	42.29 0.21 0.00	44.07 0.35 0.00	53.17 0.63 0.00	65.88 0.85 0.00	81.85 1.05 0.00	79.28 1.02 0.00	64.09 1.01 0.00	57.60 0.80 0.00	52.67 0.52 0.00	48.04 0.57 0.00
BOC_GAS_DRP 24189	47.98 0.43 0.00	46.35 0.41 0.00	44.29 0.40 0.00	41.92 0.33 0.00	41.67 0.33 0.00	43.26 0.39 0.00	49.16 0.20 0.00	58.61 0.18 0.00	56.51 0.11 0.00	47.30 0.14 0.00	44.96 0.18 0.00	41.88 0.13 0.00	40.74 0.20 0.00	40.66 0.28 0.00	42.41 0.34 0.00	44.07 0.35 0.00	53.06 0.53 0.00	65.49 0.46 0.00	81.37 0.57 0.00	78.81 0.55 0.00	63.71 0.63 0.00	57.25 0.45 0.00	52.36 0.21 0.00	47.76 0.28 0.00
BOONVILLE_115KV_TB1 79983	48.70 1.14 0.00	47.13 1.19 0.00	45.08 1.19 0.00	42.67 1.08 0.00	42.42 1.07 0.00	44.03 1.16 0.00	50.43 1.47 0.00	60.25 1.81 0.00	57.81 1.41 0.00	48.15 0.99 0.00	45.68 0.90 0.00	42.47 0.71 0.00	41.22 0.69 0.00	41.02 0.65 0.00	42.66 0.59 0.00	44.42 0.70 0.00	53.75 1.21 0.00	66.67 1.63 0.00	83.14 2.34 0.00	80.53 2.27 0.00	64.65 1.58 0.00	58.50 1.70 0.00	53.72 1.56 0.00	48.80 1.33 0.00
BORALEX_4TH_BRANCH 23824	49.17 1.62 0.00	47.72 1.79 0.00	45.39 1.49 0.00	42.92 1.33 0.00	42.67 1.32 0.00	44.29 1.41 0.00	50.63 1.66 0.00	60.42 1.99 0.00	58.32 1.92 0.00	48.76 1.60 0.00	46.04 1.25 0.00	42.76 1.00 0.00	41.55 1.01 0.00	41.79 1.41 0.00	43.42 1.35 0.00	45.43 1.71 0.00	54.74 2.21 0.00	67.64 2.60 0.00	84.11 3.31 0.00	81.39 3.13 0.00	65.66 2.59 0.00	59.02 2.22 0.00	53.77 1.62 0.00	49.23 1.76 0.00
BOWLINE___1 23526	49.41 1.85 0.00	47.58 1.65 0.00	45.47 1.58 0.00	43.09 1.50 0.00	42.79 1.45 0.00	44.37 1.50 0.00	50.19 1.22 0.00	59.72 1.28 0.00	57.64 1.24 0.00	48.38 1.22 0.00	46.26 1.48 0.00	43.22 1.46 0.00	42.23 1.70 0.00	41.95 1.57 0.00	43.67 1.60 0.00	45.34 1.62 0.00	54.64 2.10 0.00	66.93 1.89 0.00	83.46 2.66 0.00	80.77 2.50 0.00	65.09 2.02 0.00	58.62 1.82 0.00	53.77 1.62 0.00	48.95 1.47 0.00
BOWLINE___2 23595	49.41 1.85 0.00	47.58 1.65 0.00	45.47 1.58 0.00	43.05 1.45 0.00	42.79 1.45 0.00	44.33 1.46 0.00	50.19 1.22 0.00	59.72 1.28 0.00	57.59 1.19 0.00	48.38 1.22 0.00	46.26 1.48 0.00	43.18 1.42 0.00	42.23 1.70 0.00	41.95 1.57 0.00	43.67 1.60 0.00	45.29 1.57 0.00	54.64 2.10 0.00	66.93 1.89 0.00	83.39 2.58 0.00	80.69 2.43 0.00	65.09 2.02 0.00	58.56 1.76 0.00	53.77 1.62 0.00	48.95 1.47 0.00
BRADY___115KV_TB2 356060	49.22 1.66 0.00	47.59 1.65 0.00	45.43 1.54 0.00	43.13 1.54 0.00	42.92 1.57 0.00	44.46 1.59 0.00	51.07 2.11 0.00	60.72 2.28 0.00	58.37 1.97 0.00	48.39 1.23 0.00	45.82 1.03 0.00	43.01 1.25 0.00	41.55 1.01 0.00	41.30 0.93 0.00	43.04 0.97 0.00	44.90 1.18 0.00	53.85 1.31 0.00	67.06 2.02 0.00	83.63 2.83 0.00	81.24 2.97 0.00	65.41 2.33 0.00	58.79 1.99 0.00	54.19 2.03 0.00	49.37 1.90 0.00
BRANSCOMB___SOLAR 323811	49.08 1.52 0.00	47.45 1.51 0.00	45.30 1.40 0.00	42.88 1.29 0.00	42.63 1.28 0.00	44.12 1.24 0.00	50.28 1.32 0.00	60.01 1.58 0.00	57.81 1.41 0.00	48.10 0.94 0.00	45.46 0.67 0.00	42.18 0.42 0.00	40.90 0.36 0.00	40.94 0.56 0.00	42.71 0.63 0.00	44.55 0.83 0.00	53.90 1.36 0.00	66.99 1.95 0.00	83.31 2.51 0.00	80.77 2.50 0.00	65.09 2.02 0.00	58.50 1.70 0.00	53.67 1.51 0.00	48.85 1.38 0.00
BRDGHMPT_69_KV_BK1 55812	48.98 1.43 0.00	47.54 1.61 0.00	45.30 1.40 0.00	43.46 1.87 0.00	43.20 1.86 0.00	44.67 1.80 0.00	50.14 1.18 0.00	59.47 1.05 0.02	57.34 0.96 0.02	47.58 0.42 0.00	45.85 1.12 0.06	42.80 1.04 0.00	42.07 1.54 0.00	42.07 1.70 0.00	43.71 1.64 0.00	45.47 1.75 0.00	54.84 2.31 0.01	66.92 1.89 0.01	83.06 2.26 0.01	80.28 2.03 0.02	65.28 2.21 0.01	58.26 1.48 0.02	51.35 0.94 1.74	48.52 1.04 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	48.84 1.28 0.00	47.26 1.33 0.00	45.30 1.40 0.00	43.25 1.66 0.00	42.96 1.61 0.00	44.46 1.59 0.00	49.55 0.59 0.00	58.71 0.29 0.01	56.61 0.23 0.01	47.63 0.47 0.00	46.08 1.30 0.01	42.88 1.13 0.00	41.99 1.46 0.00	41.95 1.57 0.00	43.63 1.56 0.00	45.38 1.66 0.00	54.11 1.58 0.01	66.40 1.37 0.01	82.90 2.10 0.01	80.12 1.88 0.01	64.83 1.77 0.01	58.15 1.36 0.01	50.53 0.05 1.68	48.42 0.95 0.00
BRISTLHL_115KV_TB1 79998	46.65 -0.90 0.00	45.01 -0.92 0.00	43.06 -0.83 0.00	40.76 -0.83 0.00	40.52 -0.83 0.00	42.02 -0.86 0.00	48.08 -0.88 0.00	57.44 -0.99 0.00	55.50 -0.90 0.00	46.45 -0.71 0.00	44.07 -0.72 0.00	41.01 -0.75 0.00	39.76 -0.77 0.00	39.61 -0.77 0.00	41.28 -0.80 0.00	42.85 -0.87 0.00	51.59 -0.95 0.00	64.00 -1.04 0.00	82.38 -1.29 -2.87	79.17 -1.25 -2.17	61.94 -1.14 0.00	55.83 -0.97 0.00	51.32 -0.83 0.00	46.57 -0.90 0.00
BROOKHAVEN___DRP 24191	48.13 0.57 0.00	46.71 0.78 0.00	44.60 0.70 0.00	42.71 1.12 0.00	42.42 1.07 0.00	43.95 1.07 0.00	49.16 0.20 0.00	58.25 -0.18 0.02	56.16 -0.23 0.02	46.78 -0.38 0.00	45.09 0.36 0.06	42.09 0.33 0.00	41.38 0.85 0.00	41.34 0.97 0.00	43.00 0.93 0.00	44.77 1.05 0.00	53.74 1.21 0.01	65.49 0.46 0.01	81.28 0.48 0.01	78.64 0.39 0.02	64.01 0.95 0.01	57.13 0.34 0.02	50.41 0.00 1.74	47.76 0.28 0.00
BROOKLYN_NAVY_YARD 23515	49.70 2.14 0.00	47.82 1.88 0.00	45.60 1.71 0.00	43.17 1.58 0.00	42.87 1.53 0.00	44.50 1.63 0.00	50.38 1.42 0.00	59.84 1.40 0.00	57.81 1.41 0.00	48.62 1.46 0.00	46.44 1.66 0.00	43.43 1.67 0.00	42.52 1.99 0.00	42.15 1.77 0.00	43.92 1.85 0.00	45.56 1.84 0.00	55.01 2.47 0.00	67.12 2.08 0.00	83.71 2.90 0.00	81.00 2.74 0.00	65.28 2.21 0.00	58.79 1.99 0.00	54.03 1.87 0.00	49.14 1.66 0.00
BROOKLYN___ARMY_DRP 323595	50.27 2.71 -0.01	48.42 2.48 -0.01	46.18 2.28 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.55 2.10 0.00	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.68 2.30 0.00	44.61 2.52 -0.01	46.17 2.45 0.00	55.70 3.15 -0.01	68.16 3.12 0.00	85.01 4.20 -0.01	82.18 3.91 -0.01	66.43 3.34 -0.01	59.76 2.95 -0.01	54.61 2.45 -0.01	49.81 2.33 -0.01
BROOME_2_LFGE 323671	47.79 0.24 0.00	46.12 0.18 0.00	44.07 0.18 0.00	41.80 0.21 0.00	41.55 0.21 0.00	43.09 0.22 0.00	49.21 0.25 0.00	58.96 0.52 0.00	56.91 0.51 0.00	47.68 0.52 0.00	45.28 0.49 0.00	42.09 0.33 0.00	40.86 0.32 0.00	40.66 0.28 0.00	42.37 0.30 0.00	43.90 0.18 0.00	52.54 0.00 0.00	65.17 0.13 0.00	80.96 0.16 0.00	78.42 0.16 0.00	63.01 -0.06 0.00	56.80 0.00 0.00	52.21 0.05 0.00	47.52 0.05 0.00
BROOME___LFGE 323600	47.79 0.24 0.00	46.12 0.18 0.00	44.07 0.18 0.00	41.80 0.21 0.00	41.55 0.21 0.00	43.09 0.22 0.00	49.21 0.25 0.00	58.96 0.52 0.00	56.91 0.51 0.00	47.68 0.52 0.00	45.28 0.49 0.00	42.09 0.33 0.00	40.86 0.32 0.00	40.66 0.28 0.00	42.37 0.30 0.00	43.90 0.18 0.00	52.54 0.00 0.00	65.17 0.13 0.00	80.96 0.16 0.00	78.42 0.16 0.00	63.01 -0.06 0.00	56.80 0.00 0.00	52.21 0.05 0.00	47.52 0.05 0.00
BROWNFLS_115KV_TB 3_5 80003	48.93 1.38 0.00	47.36 1.42 0.00	45.25 1.36 0.00	42.88 1.29 0.00	42.67 1.32 0.00	44.20 1.33 0.00	50.77 1.81 0.00	60.25 1.81 0.00	57.75 1.35 0.00	47.91 0.75 0.00	45.46 0.67 0.00	42.47 0.71 0.00	41.26 0.73 0.00	40.98 0.61 0.00	42.66 0.59 0.00	44.51 0.79 0.00	53.48 0.95 0.00	66.60 1.56 0.00	83.61 2.34 -0.46	80.88 2.27 -0.35	64.72 1.64 0.00	58.73 1.93 0.00	54.03 1.88 0.00	49.14 1.66 0.00
BROWNSV1_27_KV_LOAD 356125	50.12 2.57 0.00	48.23 2.30 0.00	46.00 2.11 0.00	43.55 1.95 0.00	43.25 1.90 0.00	44.89 2.02 0.00	50.82 1.86 0.00	60.42 1.99 0.00	58.32 1.92 0.00	49.05 1.89 0.00	46.89 2.10 0.00	43.89 2.13 0.00	42.92 2.39 0.00	42.59 2.22 0.00	44.47 2.40 0.00	45.99 2.27 0.00	55.53 2.99 0.00	68.03 2.99 0.00	84.84 4.04 0.00	82.10 3.83 0.00	66.29 3.22 0.00	59.58 2.78 0.00	54.40 2.24 0.00	49.56 2.09 0.00
BURROWS___LYONSDAL 23803	48.74 1.19 0.00	47.17 1.24 0.00	45.12 1.23 0.00	42.71 1.12 0.00	42.46 1.12 0.00	44.07 1.20 0.00	50.48 1.52 0.00	60.25 1.81 0.00	57.75 1.35 0.00	48.05 0.90 0.00	45.64 0.85 0.00	42.38 0.63 0.00	41.18 0.65 0.00	40.94 0.57 0.00	42.58 0.50 0.00	44.38 0.66 0.00	53.69 1.16 0.00	66.67 1.63 0.00	83.44 2.34 -0.30	80.76 2.27 -0.22	64.59 1.51 0.00	58.62 1.82 0.00	53.77 1.62 0.00	48.85 1.38 0.00
CAITHNESS_CC_1 323624	48.12 0.57 0.01	46.66 0.73 0.00	44.94 1.05 0.00	42.67 1.08 0.00	42.38 1.03 0.00	43.90 1.03 0.00	49.05 0.10 0.01	58.13 -0.29 0.02	56.05 -0.34 0.02	46.77 -0.38 0.01	45.09 0.36 0.06	42.09 0.33 0.00	41.34 0.81 0.00	41.34 0.97 0.00	42.91 0.84 0.00	44.72 1.01 0.00	53.68 1.15 0.01	65.29 0.26 0.01	80.87 0.08 0.01	78.09 -0.16 0.02	63.57 0.50 0.01	56.90 0.11 0.02	50.46 0.05 1.74	47.66 0.19 0.01
CALPINE BETH_PAGE_GT4 24209	48.74 1.19 0.00	47.03 1.10 0.00	45.03 1.14 0.00	42.88 1.29 0.00	42.58 1.24 0.00	44.12 1.24 0.00	49.40 0.44 0.00	58.60 0.18 0.01	56.50 0.11 0.01	47.63 0.47 0.00	45.91 1.12 -0.01	42.81 1.04 -0.01	41.88 1.34 0.00	41.79 1.41 -0.01	43.51 1.43 0.00	45.21 1.49 0.00	53.95 1.42 0.01	66.20 1.17 0.01	82.73 1.94 0.01	79.97 1.72 0.01	64.65 1.58 0.01	58.04 1.25 0.01	51.56 0.63 1.22	48.29 0.81 0.00
CALPINE_BETH_PAGE_GT_4 323586	48.74 1.19 0.01	47.03 1.10 0.00	45.21 1.32 0.00	42.88 1.29 0.00	42.58 1.24 0.00	44.12 1.24 0.00	49.40 0.44 0.01	58.60 0.18 0.01	56.50 0.11 0.01	47.62 0.47 0.01	45.91 1.12 -0.01	42.81 1.04 -0.01	41.87 1.34 0.00	41.79 1.41 -0.01	43.43 1.35 0.00	45.21 1.49 0.00	54.00 1.47 0.01	66.14 1.10 0.01	82.41 1.62 0.01	79.58 1.33 0.01	64.33 1.26 0.01	57.81 1.02 0.01	51.71 0.78 1.22	48.28 0.81 0.00
CALPINE_BP_GT1 23823	48.74 1.19 0.01	47.03 1.10 0.00	45.21 1.32 0.00	42.88 1.29 0.00	42.58 1.24 0.00	44.12 1.24 0.00	49.40 0.44 0.01	58.60 0.18 0.01	56.50 0.11 0.01	47.62 0.47 0.01	45.91 1.12 -0.01	42.81 1.04 -0.01	41.87 1.34 0.00	41.79 1.41 -0.01	43.43 1.35 0.00	45.21 1.49 0.00	54.00 1.47 0.01	66.14 1.10 0.01	82.41 1.62 0.01	79.58 1.33 0.01	64.33 1.26 0.01	57.81 1.02 0.01	51.71 0.78 1.22	48.28 0.81 0.00
CALSPAN___DRP 24200	46.79 -0.76 0.00	45.20 -0.73 0.00	43.15 -0.75 0.00	40.93 -0.67 0.00	40.60 -0.74 0.00	42.14 -0.73 0.00	48.42 -0.54 0.00	58.14 -0.29 0.00	56.57 0.17 0.00	47.63 0.47 0.00	45.46 0.67 0.00	42.09 0.33 0.00	40.86 0.32 0.00	40.62 0.24 0.00	42.37 0.29 0.00	43.37 -0.35 0.00	50.96 -1.58 0.00	63.41 -1.63 0.00	78.14 -2.67 0.00	75.52 -2.74 0.00	60.05 -3.03 0.00	54.76 -2.04 0.00	51.74 -0.42 0.00	46.15 -1.33 0.00

CALVERTON___SOLAR 323806	48.26 0.71 0.01	46.80 0.87 0.00	45.08 1.19 0.00	42.80 1.21 0.00	42.50 1.16 0.00	44.03 1.16 0.00	49.30 0.35 0.01	58.48 0.06 0.02	56.33 -0.06 0.02	46.82 -0.33 0.01	45.13 0.40 0.06	42.13 0.37 0.00	41.42 0.89 0.00	41.42 1.05 0.00	43.00 0.92 0.00	44.81 1.09 0.00	53.95 1.42 0.01	65.55 0.52 0.01	81.12 0.32 0.01	78.40 0.16 0.02	63.83 0.76 0.01	57.07 0.29 0.02	50.62 0.21 1.74	47.85 0.38 0.01
CANDIGU_WT_PWR 323617	47.37 -0.19 0.00	45.75 -0.18 0.00	43.63 -0.26 0.00	41.43 -0.17 0.00	41.18 -0.16 0.00	42.75 -0.13 0.00	49.01 0.05 0.00	58.85 0.41 0.00	56.96 0.56 0.00	47.68 0.52 0.00	45.23 0.45 0.00	41.93 0.17 0.00	40.65 0.12 0.00	40.46 0.08 0.00	42.20 0.13 0.00	43.50 -0.22 0.00	51.54 -1.00 0.00	64.39 -0.65 0.00	79.84 -0.97 0.00	77.09 -1.17 0.00	61.69 -1.39 0.00	55.72 -1.08 0.00	51.37 -0.78 0.00	46.81 -0.66 0.00
CARR STREET_E_SYR 24060	46.89 -0.67 0.00	45.24 -0.69 0.00	43.24 -0.66 0.00	40.97 -0.62 0.00	40.72 -0.62 0.00	42.23 -0.64 0.00	48.28 -0.69 0.00	57.74 -0.70 0.00	55.78 -0.62 0.00	46.69 -0.47 0.00	44.29 -0.49 0.00	41.21 -0.54 0.00	40.00 -0.53 0.00	39.85 -0.53 0.00	41.53 -0.55 0.00	43.07 -0.65 0.00	51.75 -0.79 0.00	64.26 -0.78 0.00	79.75 -1.05 0.00	77.33 -0.94 0.00	62.19 -0.88 0.00	56.01 -0.80 0.00	51.42 -0.73 0.00	46.76 -0.71 0.00
CARTHAGE___PAPER 23857	48.88 1.33 0.00	47.36 1.43 0.00	45.26 1.36 0.00	42.84 1.25 0.00	42.63 1.28 0.00	44.20 1.33 0.00	50.72 1.76 0.00	60.48 2.04 0.00	57.70 1.30 0.00	47.82 0.66 0.00	45.32 0.54 0.00	42.18 0.42 0.00	40.90 0.36 0.00	40.66 0.28 0.00	42.33 0.25 0.00	44.20 0.48 0.00	53.64 1.11 0.00	66.93 1.89 0.00	84.67 2.90 -0.97	81.96 2.97 -0.73	65.09 2.02 0.00	59.07 2.27 0.00	54.13 1.98 0.00	49.14 1.66 0.00
CASSADAGA_WT_PWR 323784	47.65 0.10 0.00	46.02 0.09 0.00	43.85 -0.04 0.00	41.63 0.04 0.00	41.26 -0.08 0.00	42.87 0.00 0.00	49.31 0.35 0.00	59.49 1.05 0.00	57.81 1.41 0.00	48.67 1.51 0.00	46.44 1.66 0.00	43.05 1.30 0.00	41.75 1.21 0.00	41.42 1.05 0.00	43.21 1.14 0.00	44.20 0.48 0.00	51.54 -1.00 0.00	64.65 -0.39 0.00	79.84 -0.97 0.00	76.93 -1.33 0.00	61.31 -1.77 0.00	55.60 -1.20 0.00	51.53 -0.62 0.00	46.67 -0.81 0.00
CE_DUNWOOD___DRP 24194	49.55 2.00 0.00	47.72 1.79 0.00	45.56 1.67 0.00	43.17 1.58 0.00	42.87 1.53 0.00	44.46 1.59 0.00	50.28 1.32 0.00	59.84 1.40 0.00	57.75 1.35 0.00	48.53 1.37 0.00	46.40 1.61 0.00	43.35 1.59 0.00	42.36 1.82 0.00	42.07 1.70 0.00	43.93 1.85 0.00	45.47 1.75 0.00	54.85 2.31 0.00	67.25 2.21 0.00	83.87 3.07 0.00	81.16 2.90 0.00	65.54 2.46 0.00	58.90 2.10 0.00	53.77 1.62 0.00	49.04 1.57 0.00
CE_MILLWOOD___DRP 24193	49.46 1.90 0.00	47.68 1.75 0.00	45.52 1.62 0.00	43.13 1.54 0.00	42.83 1.49 0.00	44.42 1.54 0.00	50.24 1.27 0.00	59.78 1.34 0.00	57.64 1.24 0.00	48.43 1.27 0.00	46.31 1.52 0.00	43.26 1.50 0.00	42.32 1.78 0.00	41.99 1.61 0.00	43.84 1.77 0.00	45.43 1.71 0.00	54.74 2.21 0.00	67.19 2.15 0.00	83.71 2.91 0.00	81.00 2.74 0.00	65.47 2.40 0.00	58.85 2.04 0.00	53.72 1.56 0.00	48.99 1.52 0.00
CE_NYC2_DRP 24202	50.04 2.47 -0.01	48.19 2.25 -0.01	45.96 2.06 -0.01	43.55 1.95 -0.01	43.25 1.90 -0.01	44.85 1.97 -0.01	50.73 1.76 0.00	60.19 1.75 0.00	58.15 1.75 0.00	48.90 1.74 0.00	46.76 1.97 0.00	43.76 2.00 0.00	42.85 2.31 -0.01	42.47 2.10 0.00	44.40 2.31 -0.01	45.91 2.19 0.00	55.38 2.84 0.00	67.71 2.67 0.00	84.44 3.64 0.00	81.70 3.44 0.00	65.98 2.90 0.00	59.36 2.56 0.00	54.25 2.09 -0.01	49.52 2.04 -0.01
CE_NYC_DRP 24195	49.84 2.28 0.00	48.00 2.07 0.00	45.74 1.84 0.00	43.34 1.75 0.00	43.04 1.70 0.00	44.67 1.80 0.00	50.53 1.57 0.00	60.13 1.69 0.00	57.98 1.58 0.00	48.76 1.60 0.00	46.62 1.84 0.00	43.60 1.84 0.00	42.68 2.15 0.00	42.35 1.98 0.00	44.22 2.15 0.00	45.73 2.01 0.00	55.22 2.68 0.00	67.58 2.54 0.00	84.28 3.47 0.00	81.55 3.29 0.00	65.85 2.78 0.00	59.19 2.39 0.00	54.03 1.88 0.00	49.28 1.80 0.00
CHAFFEE___LFGE 323603	46.75 -0.81 0.00	45.20 -0.74 0.00	43.06 -0.84 0.00	40.88 -0.71 0.00	40.60 -0.74 0.00	42.14 -0.73 0.00	48.42 -0.54 0.00	58.15 -0.29 0.00	56.57 0.17 0.00	47.68 0.52 0.00	45.46 0.67 0.00	42.18 0.42 0.00	40.86 0.32 0.00	40.58 0.20 0.00	42.37 0.30 0.00	43.37 -0.35 0.00	50.60 -1.94 0.00	63.29 -1.75 0.00	78.14 -2.66 0.00	75.45 -2.81 0.00	60.24 -2.84 0.00	54.81 -1.99 0.00	50.80 -1.36 0.00	46.20 -1.28 0.00
CHATEAUG_35_KV_LOAD 355732	48.32 0.76 0.00	46.67 0.73 0.00	44.60 0.70 0.00	42.34 0.75 0.00	42.13 0.79 0.00	43.65 0.77 0.00	49.94 0.98 0.00	59.49 1.05 0.00	57.47 1.07 0.00	47.96 0.80 0.00	45.46 0.67 0.00	42.68 0.92 0.00	41.22 0.69 0.00	40.98 0.61 0.00	42.71 0.63 0.00	44.51 0.79 0.00	52.96 0.42 0.00	65.62 0.59 0.00	81.69 0.89 0.00	79.12 0.86 0.00	63.77 0.69 0.00	57.25 0.45 0.00	52.88 0.73 0.00	48.47 1.00 0.00
CHATEAUG_WT_PWR 323614	48.17 0.62 0.00	46.53 0.60 0.00	44.46 0.57 0.00	42.22 0.62 0.00	42.00 0.66 0.00	43.52 0.64 0.00	49.74 0.78 0.00	59.25 0.82 0.00	57.25 0.85 0.00	47.87 0.71 0.00	45.41 0.63 0.00	42.59 0.83 0.00	41.18 0.65 0.00	40.94 0.56 0.00	42.66 0.59 0.00	44.42 0.70 0.00	53.12 0.58 0.00	66.02 0.98 0.00	82.02 1.21 0.00	79.44 1.18 0.00	64.15 1.07 0.00	57.54 0.74 0.00	52.94 0.78 0.00	48.28 0.81 0.00
CHAT_HIGH_FALL_HYD 323578	48.32 0.76 0.00	46.67 0.73 0.00	44.60 0.70 0.00	42.34 0.75 0.00	42.13 0.79 0.00	43.65 0.77 0.00	49.94 0.98 0.00	59.49 1.05 0.00	57.47 1.07 0.00	47.96 0.80 0.00	45.46 0.67 0.00	42.68 0.92 0.00	41.22 0.69 0.00	40.98 0.61 0.00	42.71 0.63 0.00	44.51 0.79 0.00	52.96 0.42 0.00	65.62 0.59 0.00	81.69 0.89 0.00	79.12 0.86 0.00	63.77 0.69 0.00	57.25 0.45 0.00	52.88 0.73 0.00	48.47 1.00 0.00
CHAUTAUQUA___LFGE 323629	47.37 -0.19 0.00	45.75 -0.18 0.00	43.59 -0.31 0.00	41.38 -0.21 0.00	41.06 -0.29 0.00	42.62 -0.26 0.00	48.96 0.00 0.00	59.02 0.58 0.00	57.36 0.96 0.00	48.24 1.09 0.00	46.04 1.25 0.00	42.68 0.92 0.00	41.39 0.85 0.00	41.10 0.73 0.00	42.92 0.84 0.00	43.90 0.18 0.00	51.23 -1.31 0.00	64.13 -0.91 0.00	79.19 -1.62 0.00	76.38 -1.88 0.00	61.00 -2.08 0.00	55.32 -1.48 0.00	51.32 -0.84 0.00	46.48 -1.00 0.00
CHERRYST_13_KV_LD 356241	49.93 2.38 0.00	48.09 2.16 0.00	45.83 1.93 0.00	43.42 1.83 0.00	43.12 1.78 0.00	44.72 1.84 0.00	50.63 1.66 0.00	60.25 1.81 0.00	58.15 1.75 0.00	48.86 1.70 0.00	46.71 1.93 0.00	43.72 1.96 0.00	42.76 2.23 0.00	42.43 2.06 0.00	44.31 2.23 0.00	45.82 2.10 0.00	55.32 2.78 0.00	67.77 2.73 0.00	84.44 3.64 0.00	81.70 3.44 0.00	66.04 2.96 0.00	59.36 2.56 0.00	54.13 1.98 0.00	49.37 1.90 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	46.60 -0.95 0.00	45.06 -0.87 0.00	43.02 -0.88 0.00	40.76 -0.83 0.00	40.48 -0.87 0.00	42.02 -0.86 0.00	48.28 -0.69 0.00	57.97 -0.47 0.00	56.40 0.00 0.00	47.49 0.33 0.00	45.32 0.54 0.00	42.01 0.25 0.00	40.74 0.20 0.00	40.45 0.08 0.00	42.24 0.17 0.00	43.24 -0.48 0.00	50.80 -1.73 0.00	63.09 -1.95 0.00	77.81 -2.99 0.00	75.13 -3.13 0.00	59.80 -3.28 0.00	54.59 -2.22 0.00	51.58 -0.57 0.00	45.96 -1.52 0.00
EMPIRE_CC_1 323656	47.84 0.29 0.00	46.34 0.41 0.00	44.16 0.26 0.00	41.80 0.21 0.00	41.59 0.25 0.00	43.18 0.30 0.00	49.11 0.15 0.00	58.49 0.06 0.00	56.46 0.06 0.00	47.21 0.05 0.00	44.79 0.00 0.00	41.68 -0.08 0.00	40.53 0.00 0.00	40.58 0.20 0.00	42.33 0.25 0.00	44.07 0.35 0.00	53.01 0.47 0.00	65.37 0.33 0.00	81.21 0.41 0.00	78.58 0.31 0.00	63.46 0.38 0.00	57.20 0.40 0.00	52.36 0.21 0.00	47.71 0.24 0.00
EMPIRE_CC_2 323658	47.84 0.29 0.00	46.34 0.41 0.00	44.16 0.26 0.00	41.80 0.21 0.00	41.59 0.25 0.00	43.18 0.30 0.00	49.11 0.15 0.00	58.49 0.06 0.00	56.46 0.06 0.00	47.21 0.05 0.00	44.79 0.00 0.00	41.68 -0.08 0.00	40.53 0.00 0.00	40.58 0.20 0.00	42.33 0.25 0.00	44.07 0.35 0.00	53.01 0.47 0.00	65.37 0.33 0.00	81.21 0.41 0.00	78.58 0.31 0.00	63.46 0.38 0.00	57.20 0.40 0.00	52.36 0.21 0.00	47.71 0.24 0.00
ENORWICH_115KV_TB1 80156	50.41 2.85 0.00	48.83 2.89 0.00	46.75 2.85 0.00	44.21 2.62 0.00	43.95 2.60 0.00	45.75 2.87 0.00	52.49 3.53 0.00	63.05 4.62 0.00	60.35 3.95 0.00	50.13 2.97 0.00	47.61 2.82 0.00	43.89 2.13 0.00	42.56 2.03 0.00	42.23 1.86 0.00	43.80 1.73 0.00	45.69 1.97 0.00	55.64 3.10 0.00	69.27 4.23 0.00	86.46 5.66 0.00	84.37 6.10 0.00	67.30 4.23 0.00	60.66 3.86 0.00	55.70 3.55 0.00	50.42 2.94 0.00
ERIE_ST__34_KV_TB1-2 80199	46.70 -0.86 0.00	45.11 -0.83 0.00	43.06 -0.83 0.00	40.84 -0.75 0.00	40.52 -0.83 0.00	42.06 -0.81 0.00	48.33 -0.64 0.00	57.97 -0.47 0.00	56.29 -0.11 0.00	47.39 0.24 0.00	45.28 0.49 0.00	41.93 0.17 0.00	40.69 0.16 0.00	40.45 0.08 0.00	42.20 0.13 0.00	43.20 -0.52 0.00	50.80 -1.73 0.00	63.35 -1.69 0.00	78.05 -2.75 0.00	75.44 -2.82 0.00	59.99 -3.09 0.00	54.64 -2.16 0.00	51.58 -0.57 0.00	46.10 -1.38 0.00
ERIE_WT_PWR 323693	46.79 -0.76 0.00	45.24 -0.69 0.00	43.10 -0.79 0.00	40.92 -0.67 0.00	40.60 -0.74 0.00	42.14 -0.73 0.00	48.47 -0.49 0.00	58.20 -0.23 0.00	56.57 0.17 0.00	47.63 0.47 0.00	45.46 0.67 0.00	42.13 0.37 0.00	40.82 0.29 0.00	40.58 0.20 0.00	42.37 0.30 0.00	43.37 -0.35 0.00	50.54 -2.00 0.00	63.22 -1.82 0.00	78.05 -2.75 0.00	75.29 -2.97 0.00	60.18 -2.90 0.00	54.70 -2.10 0.00	50.75 -1.41 0.00	46.15 -1.33 0.00
ESPRGFLD_115KV_TB1 80157	48.51 0.95 0.00	46.81 0.87 0.00	44.82 0.92 0.00	42.42 0.83 0.00	42.17 0.83 0.00	43.77 0.90 0.00	49.94 0.98 0.00	59.72 1.29 0.00	56.96 0.56 0.00	47.16 0.00 0.00	44.65 -0.13 0.00	41.51 -0.25 0.00	40.33 -0.20 0.00	40.13 -0.24 0.00	41.78 -0.29 0.00	43.59 -0.13 0.00	53.12 0.58 0.00	66.27 1.24 0.00	82.66 1.86 0.00	80.22 1.96 0.00	64.46 1.39 0.00	58.05 1.25 0.00	53.20 1.04 0.00	48.28 0.81 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	48.22 0.67 0.00	46.53 0.60 0.00	44.46 0.57 0.00	42.13 0.54 0.00	41.88 0.54 0.00	43.47 0.60 0.00	49.75 0.78 0.00	59.60 1.17 0.00	57.42 1.02 0.00	47.91 0.75 0.00	45.37 0.58 0.00	42.13 0.38 0.00	40.86 0.32 0.00	40.70 0.32 0.00	42.41 0.34 0.00	44.07 0.35 0.00	53.17 0.63 0.00	66.14 1.11 0.00	82.34 1.54 0.00	79.90 1.64 0.00	64.09 1.01 0.00	57.71 0.91 0.00	53.04 0.89 0.00	48.09 0.62 0.00
ETNA____115KV_TB2 80207	48.22 0.67 0.00	46.53 0.60 0.00	44.46 0.57 0.00	42.13 0.54 0.00	41.88 0.54 0.00	43.47 0.60 0.00	49.75 0.78 0.00	59.60 1.17 0.00	57.42 1.02 0.00	47.91 0.75 0.00	45.37 0.58 0.00	42.13 0.38 0.00	40.86 0.32 0.00	40.70 0.32 0.00	42.41 0.34 0.00	44.07 0.35 0.00	53.17 0.63 0.00	66.14 1.11 0.00	82.34 1.54 0.00	79.90 1.64 0.00	64.09 1.01 0.00	57.71 0.91 0.00	53.04 0.89 0.00	48.09 0.62 0.00
EUCLID___115KV_TB2 356179	46.70 -0.86 0.00	45.11 -0.83 0.00	43.10 -0.79 0.00	40.84 -0.75 0.00	40.60 -0.74 0.00	42.10 -0.77 0.00	48.13 -0.83 0.00	57.56 -0.88 0.00	55.61 -0.79 0.00	46.50 -0.66 0.00	44.16 -0.63 0.00	41.09 -0.67 0.00	39.88 -0.65 0.00	39.73 -0.65 0.00	41.40 -0.67 0.00	42.93 -0.79 0.00	51.65 -0.89 0.00	64.06 -0.98 0.00	80.07 -1.29 0.00	77.51 -1.17 0.00	61.94 -1.14 0.00	55.89 -0.91 0.00	51.37 -0.78 0.00	46.62 -0.85 0.00
E_CANADA_CAP_HY 24051	48.41 0.86 0.00	46.66 0.73 0.00	44.68 0.79 0.00	42.25 0.66 0.00	42.00 0.66 0.00	43.56 0.68 0.00	49.74 0.78 0.00	59.37 0.93 0.00	56.23 -0.17 0.00	46.03 -1.13 0.00	43.40 -1.39 0.00	40.34 -1.42 0.00	39.20 -1.34 0.00	39.12 -1.25 0.00	40.85 -1.22 0.00	42.85 -0.87 0.00	52.49 -0.05 0.00	65.88 0.84 0.00	82.26 1.46 0.00	79.91 1.65 0.00	64.21 1.14 0.00	57.88 1.08 0.00	53.04 0.89 0.00	48.14 0.66 0.00
E_CANADA_MHWK_HY 24050	50.12 2.57 0.00	48.46 2.52 0.00	46.35 2.46 0.00	43.88 2.29 0.00	43.62 2.27 0.00	45.23 2.36 0.00	51.56 2.59 0.00	61.59 3.15 0.00	59.33 2.93 0.00	49.70 2.54 0.00	47.29 2.51 0.00	43.97 2.21 0.00	42.72 2.19 0.00	42.51 2.14 0.00	44.22 2.14 0.00	45.95 2.23 0.00	55.32 2.78 0.00	68.29 3.25 0.00	84.84 4.04 0.00	82.25 3.99 0.00	66.10 3.03 0.00	59.70 2.90 0.00	54.81 2.66 0.00	49.89 2.42 0.00
E_FISHKILL___LBMP 23776	49.22 1.66 0.00	47.40 1.47 0.00	45.25 1.36 0.00	42.88 1.29 0.00	42.63 1.28 0.00	44.20 1.33 0.00	49.99 1.03 0.00	59.49 1.05 0.00	57.42 1.02 0.00	48.24 1.08 0.00	46.04 1.25 0.00	43.01 1.25 0.00	42.03 1.50 0.00	41.75 1.37 0.00	43.59 1.51 0.00	45.16 1.44 0.00	54.43 1.89 0.00	66.80 1.76 0.00	83.23 2.42 0.00	80.53 2.27 0.00	65.09 2.02 0.00	58.50 1.70 0.00	53.40 1.25 0.00	48.76 1.28 0.00
FALCON___SEABRD_CC1 323796	48.41 0.86 0.00	46.76 0.83 0.00	44.64 0.75 0.00	42.42 0.83 0.00	42.21 0.87 0.00	43.73 0.86 0.00	49.79 0.83 0.00	59.31 0.88 0.00	57.30 0.90 0.00	48.10 0.94 0.00	45.63 0.85 0.00	42.89 1.13 0.00	41.39 0.85 0.00	41.10 0.73 0.00	42.87 0.80 0.00	44.64 0.92 0.00	53.12 0.58 0.00	66.14 1.10 0.00	82.17 1.37 0.00	79.59 1.33 0.00	64.27 1.20 0.00	57.54 0.74 0.00	52.98 0.83 0.00	48.57 1.09 0.00
FALCON___SEABRD_CC2 323797	48.41 0.86 0.00	46.76 0.83 0.00	44.64 0.75 0.00	42.42 0.83 0.00	42.21 0.87 0.00	43.73 0.86 0.00	49.79 0.83 0.00	59.31 0.88 0.00	57.30 0.90 0.00	48.10 0.94 0.00	45.63 0.85 0.00	42.89 1.13 0.00	41.39 0.85 0.00	41.10 0.73 0.00	42.87 0.80 0.00	44.64 0.92 0.00	53.12 0.58 0.00	66.14 1.10 0.00	82.17 1.37 0.00	79.59 1.33 0.00	64.27 1.20 0.00	57.54 0.74 0.00	52.98 0.83 0.00	48.57 1.09 0.00

FREEPORT_EQUS_GT1 23764	49.03 1.48 0.00	47.26 1.33 0.00	45.43 1.54 0.00	43.09 1.50 0.00	42.79 1.45 0.00	44.33 1.46 0.00	49.64 0.69 0.00	58.95 0.52 0.01	56.84 0.45 0.01	47.91 0.75 0.00	46.15 1.34 -0.02	43.03 1.25 -0.02	42.09 1.54 -0.01	42.01 1.62 -0.02	43.60 1.51 -0.01	45.39 1.66 -0.01	54.37 1.84 0.01	66.59 1.56 0.01	82.98 2.18 0.01	80.21 1.96 0.01	64.77 1.70 0.01	58.26 1.47 0.01	52.33 1.10 0.93	48.53 1.04 -0.01
FREEPORT___CT2 23818	49.03 1.48 0.00	47.26 1.33 0.00	45.43 1.54 0.00	43.09 1.50 0.00	42.79 1.45 0.00	44.33 1.46 0.00	49.64 0.69 0.00	58.95 0.52 0.01	56.84 0.45 0.01	47.91 0.75 0.00	46.15 1.34 -0.02	43.03 1.25 -0.02	42.09 1.54 -0.01	42.01 1.62 -0.02	43.60 1.51 -0.01	45.39 1.66 -0.01	54.37 1.84 0.01	66.59 1.56 0.01	82.98 2.18 0.01	80.21 1.96 0.01	64.77 1.70 0.01	58.26 1.47 0.01	52.33 1.10 0.93	48.53 1.04 -0.01
FRESHKLS_33_KV_LOAD 356253	50.56 3.00 -0.01	48.74 2.80 -0.01	46.49 2.59 -0.01	44.05 2.45 -0.01	43.75 2.40 -0.01	45.50 2.62 -0.01	51.47 2.50 -0.01	61.07 2.63 -0.01	58.71 2.31 0.00	49.38 2.22 0.00	47.20 2.42 0.00	44.18 2.42 0.00	43.22 2.68 -0.01	42.88 2.50 0.00	44.86 2.78 -0.01	46.43 2.71 0.00	56.07 3.52 -0.01	68.68 3.64 0.00	85.66 4.85 -0.01	82.89 4.62 -0.01	66.93 3.85 -0.01	60.16 3.35 -0.01	54.98 2.82 -0.01	50.14 2.66 -0.01
FULTON COGEN____ 23766	46.65 -0.90 0.00	45.01 -0.92 0.00	43.06 -0.83 0.00	40.76 -0.83 0.00	40.52 -0.83 0.00	42.02 -0.86 0.00	48.08 -0.88 0.00	57.44 -0.99 0.00	55.50 -0.90 0.00	46.45 -0.71 0.00	44.07 -0.72 0.00	41.01 -0.75 0.00	39.76 -0.77 0.00	39.61 -0.77 0.00	41.28 -0.80 0.00	42.85 -0.87 0.00	51.59 -0.95 0.00	64.00 -1.04 0.00	82.38 -1.29 -2.87	79.17 -1.25 -2.17	61.94 -1.14 0.00	55.83 -0.97 0.00	51.32 -0.83 0.00	46.57 -0.90 0.00
FULTON___LFGE 323630	49.12 1.57 0.00	47.36 1.43 0.00	45.34 1.45 0.00	42.84 1.25 0.00	42.58 1.24 0.00	44.20 1.33 0.00	50.43 1.47 0.00	60.13 1.70 0.00	57.13 0.73 0.00	46.73 -0.43 0.00	43.89 -0.90 0.00	40.80 -0.96 0.00	39.60 -0.93 0.00	39.57 -0.81 0.00	41.36 -0.72 0.00	43.46 -0.26 0.00	53.27 0.74 0.00	67.06 2.02 0.00	83.63 2.83 0.00	81.16 2.90 0.00	65.28 2.21 0.00	58.67 1.87 0.00	53.82 1.67 0.00	48.80 1.33 0.00
G.F.CEMENT___DRP 24184	49.22 1.66 0.00	47.49 1.56 0.00	45.43 1.54 0.00	43.01 1.41 0.00	42.75 1.41 0.00	44.20 1.33 0.00	50.33 1.37 0.00	60.07 1.64 0.00	57.87 1.47 0.00	48.01 0.85 0.00	45.37 0.58 0.00	42.13 0.38 0.00	40.78 0.24 0.00	40.82 0.44 0.00	42.54 0.46 0.00	44.42 0.70 0.00	53.85 1.31 0.00	67.32 2.28 0.00	83.79 2.99 0.00	81.08 2.82 0.00	65.41 2.33 0.00	58.56 1.76 0.00	53.72 1.56 0.00	48.85 1.38 0.00
GARDENVILLE___LBMP 24039	46.75 -0.81 0.00	45.20 -0.73 0.00	43.15 -0.75 0.00	40.88 -0.71 0.00	40.60 -0.74 0.00	42.14 -0.73 0.00	48.42 -0.54 0.00	58.09 -0.35 0.00	56.46 0.06 0.00	47.54 0.38 0.00	45.32 0.54 0.00	41.97 0.21 0.00	40.74 0.20 0.00	40.50 0.12 0.00	42.24 0.17 0.00	43.24 -0.48 0.00	50.86 -1.68 0.00	63.28 -1.76 0.00	78.05 -2.75 0.00	75.37 -2.90 0.00	59.99 -3.09 0.00	54.70 -2.10 0.00	51.63 -0.52 0.00	46.10 -1.38 0.00
GARDNVLA_35_KV_LD 355827	46.89 -0.67 0.00	45.34 -0.60 0.00	43.28 -0.61 0.00	41.01 -0.58 0.00	40.68 -0.66 0.00	42.23 -0.64 0.00	48.57 -0.39 0.00	58.32 -0.12 0.00	56.74 0.34 0.00	47.82 0.66 0.00	45.64 0.85 0.00	42.26 0.50 0.00	41.02 0.49 0.00	40.78 0.40 0.00	42.54 0.46 0.00	43.55 -0.17 0.00	51.17 -1.37 0.00	63.67 -1.37 0.00	78.54 -2.26 0.00	75.84 -2.43 0.00	60.30 -2.78 0.00	54.98 -1.82 0.00	51.94 -0.21 0.00	46.29 -1.19 0.00
GELCKHM___115KV_LOAD 80723	46.89 -0.67 0.00	45.24 -0.69 0.00	43.28 -0.61 0.00	40.97 -0.62 0.00	40.72 -0.62 0.00	42.23 -0.64 0.00	48.33 -0.64 0.00	57.79 -0.64 0.00	55.84 -0.56 0.00	46.73 -0.42 0.00	44.34 -0.45 0.00	41.26 -0.50 0.00	40.01 -0.53 0.00	39.85 -0.52 0.00	41.53 -0.55 0.00	43.11 -0.61 0.00	51.86 -0.68 0.00	64.32 -0.72 0.00	80.74 -0.89 -0.83	78.03 -0.86 -0.63	62.26 -0.82 0.00	56.12 -0.68 0.00	51.58 -0.57 0.00	46.81 -0.66 0.00
GENERAL___MILLS 23808	46.79 -0.76 0.00	45.20 -0.73 0.00	43.15 -0.75 0.00	40.93 -0.67 0.00	40.60 -0.74 0.00	42.14 -0.73 0.00	48.42 -0.54 0.00	58.14 -0.29 0.00	56.57 0.17 0.00	47.63 0.47 0.00	45.46 0.67 0.00	42.09 0.33 0.00	40.86 0.32 0.00	40.62 0.24 0.00	42.37 0.29 0.00	43.37 -0.35 0.00	50.96 -1.58 0.00	63.41 -1.63 0.00	78.14 -2.67 0.00	75.52 -2.74 0.00	60.05 -3.03 0.00	54.76 -2.04 0.00	51.74 -0.42 0.00	46.15 -1.33 0.00
GE_PLASTICS___DRP 24183	47.84 0.29 0.00	46.25 0.32 0.00	44.20 0.31 0.00	41.84 0.25 0.00	41.59 0.25 0.00	43.13 0.26 0.00	49.06 0.10 0.00	58.44 0.00 0.00	56.34 -0.06 0.00	47.11 -0.05 0.00	44.79 0.00 0.00	41.72 -0.04 0.00	40.57 0.04 0.00	40.50 0.12 0.00	42.24 0.17 0.00	43.94 0.22 0.00	52.91 0.37 0.00	65.36 0.33 0.00	81.21 0.40 0.00	78.65 0.39 0.00	63.58 0.50 0.00	57.14 0.34 0.00	52.26 0.10 0.00	47.66 0.19 0.00
GILBOA___1 23756	48.41 0.86 0.00	46.71 0.78 0.00	44.82 0.92 0.00	42.42 0.83 0.00	42.17 0.83 0.00	43.73 0.86 0.00	49.55 0.59 0.00	59.08 0.64 0.00	56.96 0.56 0.00	47.73 0.57 0.00	45.41 0.63 0.00	42.30 0.54 0.00	41.18 0.65 0.00	41.02 0.64 0.00	42.75 0.67 0.00	44.42 0.70 0.00	53.48 0.95 0.00	65.82 0.78 0.00	81.61 0.81 0.00	79.04 0.78 0.00	63.84 0.76 0.00	57.65 0.85 0.00	52.88 0.73 0.00	48.14 0.66 0.00
GILBOA___2 23757	48.41 0.86 0.00	46.71 0.78 0.00	44.82 0.92 0.00	42.42 0.83 0.00	42.17 0.83 0.00	43.73 0.86 0.00	49.55 0.59 0.00	59.08 0.64 0.00	56.96 0.56 0.00	47.73 0.57 0.00	45.41 0.63 0.00	42.30 0.54 0.00	41.18 0.65 0.00	41.02 0.64 0.00	42.75 0.67 0.00	44.42 0.70 0.00	53.48 0.95 0.00	65.82 0.78 0.00	81.61 0.81 0.00	79.04 0.78 0.00	63.84 0.76 0.00	57.65 0.85 0.00	52.88 0.73 0.00	48.14 0.66 0.00
GILBOA___3 23758	48.41 0.86 0.00	46.71 0.78 0.00	44.82 0.92 0.00	42.42 0.83 0.00	42.17 0.83 0.00	43.73 0.86 0.00	49.55 0.59 0.00	59.08 0.64 0.00	56.96 0.56 0.00	47.73 0.57 0.00	45.41 0.63 0.00	42.30 0.54 0.00	41.18 0.65 0.00	41.02 0.64 0.00	42.75 0.67 0.00	44.42 0.70 0.00	53.48 0.95 0.00	65.82 0.78 0.00	81.61 0.81 0.00	79.04 0.78 0.00	63.84 0.76 0.00	57.65 0.85 0.00	52.88 0.73 0.00	48.14 0.66 0.00
GILBOA___4 23759	48.41 0.86 0.00	46.71 0.78 0.00	44.82 0.92 0.00	42.42 0.83 0.00	42.17 0.83 0.00	43.73 0.86 0.00	49.55 0.59 0.00	59.08 0.64 0.00	56.96 0.56 0.00	47.73 0.57 0.00	45.41 0.63 0.00	42.30 0.54 0.00	41.18 0.65 0.00	41.02 0.64 0.00	42.75 0.67 0.00	44.42 0.70 0.00	53.48 0.95 0.00	65.82 0.78 0.00	81.61 0.81 0.00	79.04 0.78 0.00	63.84 0.76 0.00	57.65 0.85 0.00	52.88 0.73 0.00	48.14 0.66 0.00

GILBOA____ 23599	48.41 0.86 0.00	46.71 0.78 0.00	44.82 0.92 0.00	42.42 0.83 0.00	42.17 0.83 0.00	43.73 0.86 0.00	49.55 0.59 0.00	59.08 0.64 0.00	56.96 0.56 0.00	47.72 0.57 0.00	45.41 0.63 0.00	42.30 0.54 0.00	41.18 0.65 0.00	41.02 0.65 0.00	42.79 0.72 0.00	44.42 0.70 0.00	53.48 0.95 0.00	65.88 0.85 0.00	81.69 0.89 0.00	79.12 0.86 0.00	64.15 1.07 0.00	57.71 0.91 0.00	52.83 0.68 0.00	48.14 0.66 0.00
GINNA____ 23603	44.94 -2.62 0.00	43.32 -2.62 0.00	41.30 -2.59 0.00	39.14 -2.45 0.00	38.90 -2.44 0.00	40.39 -2.49 0.00	46.41 -2.55 0.00	55.69 -2.75 0.00	54.03 -2.37 0.00	45.22 -1.94 0.00	42.95 -1.84 0.00	39.92 -1.84 0.00	38.75 -1.78 0.00	38.44 -1.94 0.00	40.06 -2.02 0.00	41.36 -2.36 0.00	49.28 -3.26 0.00	61.59 -3.45 0.00	76.60 -4.21 0.00	73.96 -4.30 0.00	59.16 -3.91 0.00	53.62 -3.18 0.00	49.18 -2.97 0.00	44.63 -2.85 0.00
GLEN PARK____ 23778	48.98 1.43 0.00	47.45 1.51 0.00	45.39 1.49 0.00	42.92 1.33 0.00	42.71 1.36 0.00	44.33 1.46 0.00	50.92 1.96 0.00	60.83 2.40 0.00	57.86 1.46 0.00	47.96 0.80 0.00	45.50 0.71 0.00	42.13 0.37 0.00	40.90 0.36 0.00	40.62 0.24 0.00	42.24 0.17 0.00	44.16 0.44 0.00	53.80 1.26 0.00	67.12 2.08 0.00	85.23 3.24 -1.19	82.68 3.52 -0.90	65.41 2.34 0.00	59.30 2.50 0.00	54.29 2.14 0.00	49.23 1.76 0.00
GLENDALE_27_KV_LOAD 356172	50.23 2.66 -0.01	48.33 2.39 -0.01	46.10 2.19 -0.01	43.68 2.08 -0.01	43.38 2.03 -0.01	44.98 2.10 -0.01	50.92 1.96 0.00	60.42 1.99 0.00	58.32 1.92 0.00	49.09 1.93 0.00	46.94 2.15 0.00	43.93 2.17 0.00	43.01 2.47 -0.01	42.64 2.26 0.00	44.57 2.48 -0.01	46.08 2.36 0.00	55.59 3.05 0.00	67.97 2.93 0.00	84.84 4.04 0.00	82.02 3.76 0.00	66.29 3.22 0.00	59.64 2.84 0.00	54.46 2.29 -0.01	49.67 2.18 -0.01
GLENWOOD_IC_1_G5 23712	49.31 1.76 0.00	47.54 1.61 0.00	45.43 1.54 0.00	43.17 1.58 0.00	42.87 1.53 0.00	44.46 1.59 0.00	50.04 1.08 0.00	59.48 1.05 0.01	57.41 1.02 0.01	48.29 1.13 0.00	46.41 1.61 -0.01	43.31 1.55 -0.01	42.32 1.78 -0.01	42.16 1.78 -0.01	43.89 1.81 -0.01	45.52 1.79 -0.01	54.69 2.15 0.00	67.12 2.08 0.00	83.79 2.99 0.00	80.99 2.74 0.01	65.47 2.40 0.00	58.78 1.99 0.01	52.99 1.41 0.57	48.86 1.38 -0.01
GLENWOOD_IC_2_G1 23688	49.36 1.81 0.00	47.54 1.61 0.00	45.52 1.63 0.00	43.13 1.54 0.00	42.83 1.49 0.00	44.41 1.54 0.00	50.09 1.13 0.00	59.54 1.11 0.00	57.47 1.07 0.00	48.29 1.13 0.00	46.31 1.52 0.00	43.26 1.50 0.00	42.27 1.74 0.00	42.07 1.70 0.00	43.76 1.68 0.00	45.42 1.70 0.00	54.69 2.15 0.00	66.93 1.89 0.00	83.39 2.58 0.00	80.69 2.43 0.00	65.09 2.02 0.00	58.56 1.76 0.00	53.66 1.51 0.01	48.85 1.38 0.00
GLENWOOD_IC_3_G1 23689	49.36 1.81 0.00	47.54 1.61 0.00	45.52 1.63 0.00	43.13 1.54 0.00	42.83 1.49 0.00	44.41 1.54 0.00	50.09 1.13 0.00	59.54 1.11 0.00	57.47 1.07 0.00	48.29 1.13 0.00	46.31 1.52 0.00	43.26 1.50 0.00	42.27 1.74 0.00	42.07 1.70 0.00	43.76 1.68 0.00	45.42 1.70 0.00	54.69 2.15 0.00	66.93 1.89 0.00	83.39 2.58 0.00	80.69 2.43 0.00	65.09 2.02 0.00	58.56 1.76 0.00	53.66 1.51 0.01	48.85 1.38 0.00
GLENWOOD____4 23550	49.31 1.76 0.00	47.54 1.61 0.00	45.43 1.54 0.00	43.17 1.58 0.00	42.87 1.53 0.00	44.46 1.59 0.00	50.04 1.08 0.00	59.48 1.05 0.01	57.41 1.02 0.01	48.29 1.13 0.00	46.41 1.61 -0.01	43.31 1.55 -0.01	42.32 1.78 -0.01	42.16 1.78 -0.01	43.89 1.81 -0.01	45.52 1.79 -0.01	54.69 2.15 0.00	67.12 2.08 0.00	83.79 2.99 0.00	80.99 2.74 0.01	65.47 2.40 0.00	58.78 1.99 0.01	52.99 1.41 0.57	48.86 1.38 -0.01
GLENWOOD____5 23614	49.31 1.76 0.00	47.54 1.61 0.00	45.43 1.54 0.00	43.17 1.58 0.00	42.87 1.53 0.00	44.46 1.59 0.00	50.04 1.08 0.00	59.48 1.05 0.01	57.41 1.02 0.01	48.29 1.13 0.00	46.41 1.61 -0.01	43.31 1.55 -0.01	42.32 1.78 -0.01	42.16 1.78 -0.01	43.89 1.81 -0.01	45.52 1.79 -0.01	54.69 2.15 0.00	67.12 2.08 0.00	83.79 2.99 0.00	80.99 2.74 0.01	65.47 2.40 0.00	58.78 1.99 0.01	52.99 1.41 0.57	48.86 1.38 -0.01
GLOBAL GREEN_PORT_GT1 23814	49.40 1.85 0.01	47.90 1.97 0.00	46.09 2.19 0.00	43.79 2.20 0.00	43.53 2.19 0.00	45.02 2.14 0.00	50.52 1.57 0.01	60.00 1.58 0.02	57.85 1.46 0.02	48.00 0.85 0.01	46.25 1.52 0.06	43.13 1.38 0.00	42.40 1.87 0.00	42.39 2.02 0.00	43.97 1.90 0.00	45.82 2.10 0.00	55.31 2.78 0.01	67.44 2.41 0.01	83.54 2.75 0.01	80.67 2.43 0.02	65.53 2.46 0.01	58.60 1.82 0.02	51.87 1.46 0.02	48.89 1.42 0.01
GLOBE____DSASP 323697	45.32 -2.24 0.00	43.77 -2.16 0.00	41.83 -2.06 0.00	39.64 -1.95 0.00	39.36 -1.98 0.00	40.86 -2.02 0.00	47.00 -1.96 0.00	56.45 -1.99 0.00	55.16 -1.24 0.00	46.55 -0.61 0.00	44.20 -0.58 0.00	41.34 -0.42 0.00	39.72 -0.81 0.00	39.49 -0.89 0.00	41.23 -0.84 0.00	42.19 -1.53 0.00	49.49 -3.05 0.00	61.20 -3.84 0.00	75.39 -5.41 0.00	72.78 -5.48 0.00	58.03 -5.05 0.00	53.11 -3.69 0.00	50.28 -1.88 0.00	44.72 -2.75 0.00
GOETHSLN____LBMP 323567	49.65 2.09 0.00	47.77 1.84 0.00	45.52 1.62 0.00	43.13 1.54 0.00	42.83 1.49 0.00	44.42 1.54 0.00	50.28 1.32 0.00	59.78 1.34 0.00	57.70 1.30 0.00	48.53 1.37 0.00	46.40 1.61 0.00	43.43 1.67 0.00	42.48 1.95 0.00	42.15 1.78 0.00	44.01 1.94 0.00	45.51 1.79 0.00	54.95 2.42 0.00	67.25 2.21 0.00	83.87 3.07 0.00	81.16 2.90 0.00	65.54 2.46 0.00	58.96 2.16 0.00	53.77 1.62 0.00	49.04 1.57 0.00
GOLAH____69_KV_TB 1_2 80279	47.36 -0.19 0.00	45.70 -0.23 0.00	43.63 -0.26 0.00	41.30 -0.29 0.00	41.01 -0.33 0.00	42.57 -0.30 0.00	48.91 -0.05 0.00	58.67 0.23 0.00	56.85 0.45 0.00	47.58 0.42 0.00	45.23 0.45 0.00	42.01 0.25 0.00	40.78 0.24 0.00	40.45 0.08 0.00	42.16 0.08 0.00	43.37 -0.35 0.00	51.65 -0.89 0.00	64.26 -0.78 0.00	79.83 -0.97 0.00	77.17 -1.10 0.00	61.56 -1.51 0.00	55.95 -0.85 0.00	52.15 0.00 0.00	46.91 -0.57 0.00
GOODYEAR_LAKE_HYD 323669	48.79 1.24 0.00	47.13 1.19 0.00	45.12 1.23 0.00	42.71 1.12 0.00	42.46 1.12 0.00	44.07 1.20 0.00	50.19 1.22 0.00	60.01 1.58 0.00	57.70 1.30 0.00	48.15 0.99 0.00	45.77 0.99 0.00	42.55 0.79 0.00	41.38 0.85 0.00	41.10 0.73 0.00	42.79 0.72 0.00	44.46 0.74 0.00	53.85 1.31 0.00	66.67 1.63 0.00	82.90 2.10 0.00	80.45 2.19 0.00	64.78 1.70 0.00	58.33 1.53 0.00	53.46 1.30 0.00	48.57 1.09 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	47.84 0.29 0.00	46.16 0.23 0.00	44.16 0.26 0.00	41.84 0.25 0.00	41.59 0.25 0.00	43.13 0.26 0.00	49.26 0.29 0.00	59.02 0.58 0.00	56.96 0.56 0.00	47.72 0.57 0.00	45.32 0.54 0.00	42.13 0.38 0.00	40.90 0.36 0.00	40.70 0.32 0.00	42.41 0.34 0.00	43.94 0.22 0.00	52.64 0.11 0.00	65.30 0.26 0.00	81.12 0.32 0.00	78.57 0.31 0.00	63.14 0.06 0.00	56.91 0.11 0.00	52.47 0.31 0.00	47.52 0.05 0.00

GOUDEY___7 23579	47.84 0.29 0.00	46.16 0.23 0.00	44.16 0.26 0.00	41.84 0.25 0.00	41.59 0.25 0.00	43.13 0.26 0.00	49.26 0.29 0.00	59.02 0.58 0.00	56.96 0.56 0.00	47.72 0.57 0.00	45.32 0.54 0.00	42.13 0.38 0.00	40.90 0.36 0.00	40.70 0.32 0.00	42.41 0.34 0.00	43.94 0.22 0.00	52.64 0.11 0.00	65.30 0.26 0.00	81.12 0.32 0.00	78.57 0.31 0.00	63.14 0.06 0.00	56.91 0.11 0.00	52.47 0.31 0.00	47.52 0.05 0.00
GOUDEY___8 23580	47.84 0.29 0.00	46.16 0.23 0.00	44.16 0.26 0.00	41.84 0.25 0.00	41.59 0.25 0.00	43.13 0.26 0.00	49.26 0.29 0.00	59.02 0.58 0.00	56.96 0.56 0.00	47.72 0.57 0.00	45.32 0.54 0.00	42.13 0.38 0.00	40.90 0.36 0.00	40.70 0.32 0.00	42.41 0.34 0.00	43.94 0.22 0.00	52.64 0.11 0.00	65.30 0.26 0.00	81.12 0.32 0.00	78.57 0.31 0.00	63.14 0.06 0.00	56.91 0.11 0.00	52.47 0.31 0.00	47.52 0.05 0.00
GOWANUS_GT1_1 24077	50.27 2.71 -0.01	48.42 2.48 -0.01	46.18 2.28 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.55 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.68 2.30 0.00	44.61 2.52 -0.01	46.17 2.45 0.00	55.70 3.15 -0.01	68.16 3.12 0.00	85.01 4.20 -0.01	82.18 3.91 -0.01	66.43 3.34 -0.01	59.76 2.95 -0.01	54.61 2.45 -0.01	49.81 2.33 -0.01
GOWANUS_GT1_2 24078	50.27 2.71 -0.01	48.42 2.48 -0.01	46.18 2.28 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.55 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.68 2.30 0.00	44.61 2.52 -0.01	46.17 2.45 0.00	55.70 3.15 -0.01	68.16 3.12 0.00	85.01 4.20 -0.01	82.18 3.91 -0.01	66.43 3.34 -0.01	59.76 2.95 -0.01	54.61 2.45 -0.01	49.81 2.33 -0.01
GOWANUS_GT1_3 24079	50.27 2.71 -0.01	48.42 2.48 -0.01	46.18 2.28 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.55 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.68 2.30 0.00	44.61 2.52 -0.01	46.17 2.45 0.00	55.70 3.15 -0.01	68.16 3.12 0.00	85.01 4.20 -0.01	82.18 3.91 -0.01	66.43 3.34 -0.01	59.76 2.95 -0.01	54.61 2.45 -0.01	49.81 2.33 -0.01
GOWANUS_GT1_4 24080	50.27 2.71 -0.01	48.42 2.48 -0.01	46.18 2.28 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.55 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.68 2.30 0.00	44.61 2.52 -0.01	46.17 2.45 0.00	55.70 3.15 -0.01	68.16 3.12 0.00	85.01 4.20 -0.01	82.18 3.91 -0.01	66.43 3.34 -0.01	59.76 2.95 -0.01	54.61 2.45 -0.01	49.81 2.33 -0.01
GOWANUS_GT1_5 24084	50.27 2.71 -0.01	48.42 2.48 -0.01	46.18 2.28 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.55 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.68 2.30 0.00	44.61 2.52 -0.01	46.17 2.45 0.00	55.70 3.15 -0.01	68.16 3.12 0.00	85.01 4.20 -0.01	82.18 3.91 -0.01	66.43 3.34 -0.01	59.76 2.95 -0.01	54.61 2.45 -0.01	49.81 2.33 -0.01
GOWANUS_GT1_6 24111	50.27 2.71 -0.01	48.42 2.48 -0.01	46.18 2.28 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.55 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.68 2.30 0.00	44.61 2.52 -0.01	46.17 2.45 0.00	55.70 3.15 -0.01	68.16 3.12 0.00	85.01 4.20 -0.01	82.18 3.91 -0.01	66.43 3.34 -0.01	59.76 2.95 -0.01	54.61 2.45 -0.01	49.81 2.33 -0.01
GOWANUS_GT1_7 24112	50.27 2.71 -0.01	48.42 2.48 -0.01	46.18 2.28 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.55 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.68 2.30 0.00	44.61 2.52 -0.01	46.17 2.45 0.00	55.70 3.15 -0.01	68.16 3.12 0.00	85.01 4.20 -0.01	82.18 3.91 -0.01	66.43 3.34 -0.01	59.76 2.95 -0.01	54.61 2.45 -0.01	49.81 2.33 -0.01
GOWANUS_GT1_8 24113	50.27 2.71 -0.01	48.42 2.48 -0.01	46.18 2.28 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.55 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.68 2.30 0.00	44.61 2.52 -0.01	46.17 2.45 0.00	55.70 3.15 -0.01	68.16 3.12 0.00	85.01 4.20 -0.01	82.18 3.91 -0.01	66.43 3.34 -0.01	59.76 2.95 -0.01	54.61 2.45 -0.01	49.81 2.33 -0.01
GOWANUS_GT2_1 24114	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
GOWANUS_GT2_2 24115	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
GOWANUS_GT2_3 24116	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
GOWANUS_GT2_4 24117	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
GOWANUS_GT2_5 24118	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01

GOWANUS_GT2_6 24119	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
GOWANUS_GT2_7 24120	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
GOWANUS_GT2_8 24121	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
GOWANUS_GT3_1 24122	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
GOWANUS_GT3_2 24123	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
GOWANUS_GT3_3 24124	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
GOWANUS_GT3_4 24125	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
GOWANUS_GT3_5 24126	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
GOWANUS_GT3_6 24127	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
GOWANUS_GT3_7 24128	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
GOWANUS_GT3_8 24129	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
GOWANUS_GT4_1 24130	50.27 2.71 -0.01	48.42 2.48 -0.01	46.18 2.28 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.55 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.68 2.30 0.00	44.61 2.52 -0.01	46.17 2.45 0.00	55.70 3.15 -0.01	68.16 3.12 0.00	85.01 4.20 -0.01	82.18 3.91 -0.01	66.43 3.34 -0.01	59.76 2.95 -0.01	54.61 2.45 -0.01	49.81 2.33 -0.01
GOWANUS_GT4_2 24131	50.27 2.71 -0.01	48.42 2.48 -0.01	46.18 2.28 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.55 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.68 2.30 0.00	44.61 2.52 -0.01	46.17 2.45 0.00	55.70 3.15 -0.01	68.16 3.12 0.00	85.01 4.20 -0.01	82.18 3.91 -0.01	66.43 3.34 -0.01	59.76 2.95 -0.01	54.61 2.45 -0.01	49.81 2.33 -0.01
GOWANUS_GT4_3 24132	50.27 2.71 -0.01	48.42 2.48 -0.01	46.18 2.28 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.55 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.68 2.30 0.00	44.61 2.52 -0.01	46.17 2.45 0.00	55.70 3.15 -0.01	68.16 3.12 0.00	85.01 4.20 -0.01	82.18 3.91 -0.01	66.43 3.34 -0.01	59.76 2.95 -0.01	54.61 2.45 -0.01	49.81 2.33 -0.01
GOWANUS_GT4_4 24133	50.27 2.71 -0.01	48.42 2.48 -0.01	46.18 2.28 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.55 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.68 2.30 0.00	44.61 2.52 -0.01	46.17 2.45 0.00	55.70 3.15 -0.01	68.16 3.12 0.00	85.01 4.20 -0.01	82.18 3.91 -0.01	66.43 3.34 -0.01	59.76 2.95 -0.01	54.61 2.45 -0.01	49.81 2.33 -0.01

GOWANUS_GT4_5 24134	50.27 2.71 -0.01	48.42 2.48 -0.01	46.18 2.28 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.55 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.68 2.30 0.00	44.61 2.52 -0.01	46.17 2.45 0.00	55.70 3.15 -0.01	68.16 3.12 0.00	85.01 4.20 -0.01	82.18 3.91 -0.01	66.43 3.34 -0.01	59.76 2.95 -0.01	54.61 2.45 -0.01	49.81 2.33 -0.01
GOWANUS_GT4_6 24135	50.27 2.71 -0.01	48.42 2.48 -0.01	46.18 2.28 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.55 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.68 2.30 0.00	44.61 2.52 -0.01	46.17 2.45 0.00	55.70 3.15 -0.01	68.16 3.12 0.00	85.01 4.20 -0.01	82.18 3.91 -0.01	66.43 3.34 -0.01	59.76 2.95 -0.01	54.61 2.45 -0.01	49.81 2.33 -0.01
GOWANUS_GT4_7 24136	50.27 2.71 -0.01	48.42 2.48 -0.01	46.18 2.28 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.55 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.68 2.30 0.00	44.61 2.52 -0.01	46.17 2.45 0.00	55.70 3.15 -0.01	68.16 3.12 0.00	85.01 4.20 -0.01	82.18 3.91 -0.01	66.43 3.34 -0.01	59.76 2.95 -0.01	54.61 2.45 -0.01	49.81 2.33 -0.01
GOWANUS_GT4_8 24137	50.27 2.71 -0.01	48.42 2.48 -0.01	46.18 2.28 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.55 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.68 2.30 0.00	44.61 2.52 -0.01	46.17 2.45 0.00	55.70 3.15 -0.01	68.16 3.12 0.00	85.01 4.20 -0.01	82.18 3.91 -0.01	66.43 3.34 -0.01	59.76 2.95 -0.01	54.61 2.45 -0.01	49.81 2.33 -0.01
GREATVRV_69_KV_BK1 356245	49.12 1.57 0.00	47.54 1.61 0.00	45.47 1.58 0.00	43.42 1.83 0.00	43.16 1.82 0.00	44.67 1.80 0.00	49.84 0.88 0.00	59.06 0.64 0.01	56.95 0.56 0.01	47.82 0.66 0.00	46.19 1.43 0.03	43.01 1.25 0.00	42.15 1.62 0.00	42.11 1.74 0.00	43.80 1.73 0.00	45.56 1.84 0.00	54.42 1.89 0.01	66.79 1.76 0.01	83.38 2.59 0.01	80.59 2.35 0.01	65.28 2.21 0.01	58.49 1.70 0.01	50.76 0.26 1.65	48.66 1.19 0.00
GREENBSH_115KV_TB3 55895	47.60 0.05 0.00	46.02 0.09 0.00	43.94 0.04 0.00	41.55 -0.04 0.00	41.30 -0.04 0.00	42.87 0.00 0.00	48.77 -0.20 0.00	58.09 -0.35 0.00	56.06 -0.34 0.00	46.83 -0.33 0.00	44.52 -0.27 0.00	41.42 -0.33 0.00	40.29 -0.24 0.00	40.25 -0.12 0.00	41.99 -0.08 0.00	43.72 0.00 0.00	52.64 0.11 0.00	65.10 0.07 0.00	80.88 0.08 0.00	78.34 0.08 0.00	63.27 0.19 0.00	56.86 0.06 0.00	51.94 -0.21 0.00	47.43 -0.05 0.00
GREENDGE_115KV_TB5 80291	47.89 0.33 0.00	46.16 0.23 0.00	44.11 0.22 0.00	41.80 0.21 0.00	41.55 0.21 0.00	43.13 0.26 0.00	49.50 0.54 0.00	59.08 0.64 0.00	57.08 0.68 0.00	47.96 0.80 0.00	45.41 0.63 0.00	42.13 0.38 0.00	40.82 0.28 0.00	40.62 0.24 0.00	42.37 0.29 0.00	43.85 0.13 0.00	52.22 -0.32 0.00	65.30 0.26 0.00	80.64 -0.16 0.00	78.42 0.16 0.00	62.82 -0.25 0.00	56.69 -0.11 0.00	52.36 0.21 0.00	47.57 0.09 0.00
GREENIDGE___3 23582	47.89 0.33 0.00	46.16 0.23 0.00	44.11 0.22 0.00	41.80 0.21 0.00	41.55 0.21 0.00	43.13 0.26 0.00	49.50 0.54 0.00	59.08 0.64 0.00	57.08 0.68 0.00	47.96 0.80 0.00	45.41 0.63 0.00	42.13 0.38 0.00	40.82 0.28 0.00	40.62 0.24 0.00	42.37 0.29 0.00	43.85 0.13 0.00	52.22 -0.32 0.00	65.30 0.26 0.00	80.64 -0.16 0.00	78.42 0.16 0.00	62.82 -0.25 0.00	56.69 -0.11 0.00	52.36 0.21 0.00	47.57 0.09 0.00
GREENIDGE___4 23583	47.84 0.29 0.00	46.16 0.23 0.00	44.07 0.18 0.00	41.80 0.21 0.00	41.55 0.21 0.00	43.13 0.26 0.00	49.50 0.54 0.00	59.08 0.64 0.00	57.08 0.68 0.00	47.96 0.80 0.00	45.41 0.63 0.00	42.13 0.37 0.00	40.82 0.29 0.00	40.62 0.24 0.00	42.37 0.30 0.00	43.85 0.13 0.00	52.06 -0.47 0.00	65.17 0.13 0.00	80.56 -0.24 0.00	78.26 0.00 0.00	62.82 -0.25 0.00	56.57 -0.23 0.00	52.00 -0.16 0.00	47.57 0.10 0.00
GREENLWN_69_KV_BK 3 55738	48.13 0.57 0.00	46.62 0.69 0.00	44.73 0.83 0.00	42.63 1.04 0.00	42.34 0.99 0.00	43.86 0.99 0.00	48.82 -0.15 0.01	57.84 -0.58 0.01	55.82 -0.56 0.01	47.16 0.00 0.00	45.59 0.81 0.00	42.51 0.75 0.00	41.62 1.09 0.00	41.54 1.17 0.00	43.21 1.14 0.00	44.94 1.22 0.00	53.37 0.84 0.01	65.36 0.33 0.01	81.52 0.73 0.01	78.79 0.55 0.01	63.83 0.76 0.01	57.24 0.45 0.01	50.42 -0.05 1.68	47.76 0.28 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	50.27 2.71 -0.01	48.42 2.48 -0.01	46.18 2.28 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.55 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.68 2.30 0.00	44.61 2.52 -0.01	46.17 2.45 0.00	55.70 3.15 -0.01	68.16 3.12 0.00	85.01 4.20 -0.01	82.18 3.91 -0.01	66.43 3.34 -0.01	59.76 2.95 -0.01	54.61 2.45 -0.01	49.81 2.33 -0.01
GRISSOM___SOLAR 323813	49.17 1.62 0.00	47.45 1.51 0.00	45.39 1.49 0.00	42.88 1.29 0.00	42.67 1.32 0.00	44.25 1.37 0.00	50.48 1.52 0.00	60.19 1.75 0.00	57.25 0.85 0.00	46.88 -0.28 0.00	44.02 -0.76 0.00	40.92 -0.83 0.00	39.68 -0.85 0.00	39.65 -0.73 0.00	41.49 -0.59 0.00	43.59 -0.13 0.00	53.38 0.84 0.00	67.12 2.08 0.00	83.63 2.83 0.00	81.16 2.90 0.00	65.28 2.21 0.00	58.73 1.93 0.00	53.87 1.72 0.00	48.85 1.38 0.00
GROVEVILLE___HYD 323602	49.79 2.24 0.00	47.91 1.98 0.00	45.78 1.89 0.00	43.38 1.79 0.00	43.12 1.78 0.00	44.63 1.76 0.00	50.58 1.62 0.00	60.13 1.69 0.00	58.09 1.69 0.00	48.62 1.46 0.00	46.44 1.66 0.00	43.30 1.55 0.00	42.32 1.78 0.00	42.03 1.66 0.00	43.84 1.77 0.00	45.47 1.75 0.00	54.95 2.42 0.00	67.71 2.67 0.00	84.52 3.72 0.00	81.78 3.52 0.00	65.98 2.90 0.00	59.30 2.50 0.00	54.08 1.93 0.00	49.28 1.80 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	47.17 -0.38 0.00	45.52 -0.41 0.00	43.54 -0.35 0.00	41.22 -0.37 0.00	40.97 -0.37 0.00	42.49 -0.39 0.00	48.62 -0.34 0.00	58.14 -0.29 0.00	56.17 -0.23 0.00	47.02 -0.14 0.00	44.56 -0.22 0.00	41.47 -0.29 0.00	40.21 -0.32 0.00	40.05 -0.32 0.00	41.74 -0.34 0.00	43.33 -0.39 0.00	52.17 -0.37 0.00	64.78 -0.26 0.00	81.65 -0.32 -1.17	78.83 -0.31 -0.88	62.63 -0.44 0.00	56.46 -0.34 0.00	51.89 -0.26 0.00	47.10 -0.38 0.00
HAMLTNNY_34_KV_TB 80303	47.22 -0.33 0.00	45.56 -0.37 0.00	43.54 -0.35 0.00	41.26 -0.33 0.00	41.01 -0.33 0.00	42.53 -0.34 0.00	48.72 -0.24 0.00	58.32 -0.12 0.00	56.34 -0.06 0.00	47.11 -0.05 0.00	44.65 -0.13 0.00	41.55 -0.21 0.00	40.29 -0.24 0.00	40.13 -0.24 0.00	41.82 -0.25 0.00	43.37 -0.35 0.00	52.22 -0.32 0.00	64.91 -0.13 0.00	81.79 -0.16 -1.15	78.97 -0.16 -0.87	62.76 -0.32 0.00	56.57 -0.23 0.00	52.00 -0.16 0.00	47.19 -0.28 0.00

HAMPSHIRE___PAPER_HYD 323593	48.94 1.38 0.00	47.36 1.43 0.00	45.21 1.32 0.00	42.88 1.29 0.00	42.67 1.32 0.00	44.20 1.33 0.00	50.78 1.81 0.00	60.25 1.81 0.00	57.75 1.35 0.00	47.91 0.75 0.00	45.46 0.67 0.00	42.47 0.71 0.00	41.26 0.73 0.00	40.98 0.61 0.00	42.66 0.59 0.00	44.51 0.79 0.00	53.53 1.00 0.00	66.73 1.69 0.00	83.77 2.51 -0.46	81.12 2.50 -0.35	64.91 1.83 0.00	58.90 2.10 0.00	54.08 1.93 0.00	49.14 1.66 0.00
HARDSCRABBLE_WT_PWR 323673	49.60 2.04 0.00	47.95 2.02 0.00	45.87 1.98 0.00	43.42 1.83 0.00	43.16 1.82 0.00	44.80 1.93 0.00	51.07 2.10 0.00	61.00 2.57 0.00	58.77 2.37 0.00	49.19 2.03 0.00	46.80 2.02 0.00	43.55 1.79 0.00	42.31 1.78 0.00	42.11 1.73 0.00	43.80 1.73 0.00	45.51 1.79 0.00	54.80 2.26 0.00	67.64 2.60 0.00	84.04 3.24 0.00	81.40 3.13 0.00	65.47 2.40 0.00	59.13 2.33 0.00	54.24 2.09 0.00	49.38 1.90 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	49.65 2.09 0.00	47.82 1.88 0.00	45.65 1.76 0.00	43.25 1.66 0.00	43.00 1.65 0.00	44.55 1.67 0.00	50.38 1.42 0.00	60.01 1.58 0.00	57.92 1.52 0.00	48.57 1.41 0.00	46.40 1.61 0.00	43.30 1.55 0.00	42.32 1.78 0.00	42.03 1.66 0.00	43.84 1.77 0.00	45.43 1.71 0.00	54.85 2.31 0.00	67.51 2.47 0.00	84.28 3.47 0.00	81.55 3.29 0.00	65.79 2.71 0.00	59.07 2.27 0.00	53.93 1.77 0.00	49.18 1.71 0.00
HARSNRAD_115KV_TB1 81005	46.60 -0.95 0.00	45.11 -0.83 0.00	43.02 -0.88 0.00	40.80 -0.79 0.00	40.48 -0.87 0.00	42.02 -0.86 0.00	48.33 -0.64 0.00	57.68 -0.76 0.00	56.06 -0.34 0.00	47.16 0.00 0.00	45.14 0.36 0.00	41.68 -0.08 0.00	40.57 0.04 0.00	40.33 -0.04 0.00	42.12 0.04 0.00	42.98 -0.74 0.00	50.44 -2.10 0.00	62.57 -2.47 0.00	77.17 -3.64 0.00	74.50 -3.76 0.00	59.29 -3.78 0.00	54.24 -2.56 0.00	51.42 -0.73 0.00	46.00 -1.47 0.00
HARZA MOOSE___RIVER 24016	48.74 1.19 0.00	47.17 1.24 0.00	45.12 1.23 0.00	42.71 1.12 0.00	42.46 1.12 0.00	44.07 1.20 0.00	50.48 1.52 0.00	60.25 1.81 0.00	57.75 1.35 0.00	48.05 0.90 0.00	45.64 0.85 0.00	42.38 0.63 0.00	41.18 0.65 0.00	40.94 0.57 0.00	42.58 0.50 0.00	44.38 0.66 0.00	53.69 1.16 0.00	66.67 1.63 0.00	83.44 2.34 -0.30	80.76 2.27 -0.22	64.59 1.51 0.00	58.62 1.82 0.00	53.77 1.62 0.00	48.85 1.38 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	46.84 -0.71 0.00	45.24 -0.69 0.00	43.24 -0.66 0.00	40.97 -0.62 0.00	40.68 -0.66 0.00	42.19 -0.69 0.00	48.28 -0.69 0.00	57.73 -0.70 0.00	55.78 -0.62 0.00	46.69 -0.47 0.00	44.29 -0.49 0.00	41.22 -0.54 0.00	39.97 -0.57 0.00	39.81 -0.57 0.00	41.49 -0.59 0.00	43.07 -0.66 0.00	51.80 -0.74 0.00	64.26 -0.78 0.00	79.83 -0.97 0.00	77.32 -0.94 0.00	62.19 -0.88 0.00	56.06 -0.74 0.00	51.53 -0.63 0.00	46.76 -0.71 0.00
HELLGATE_13_KV_LD 55870	50.27 2.71 -0.01	48.37 2.43 -0.01	46.14 2.24 -0.01	43.72 2.12 -0.01	43.42 2.07 -0.01	45.03 2.14 -0.01	50.92 1.96 0.00	60.42 1.99 0.00	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.93 2.17 0.00	43.01 2.47 -0.01	42.64 2.26 0.00	44.57 2.48 -0.01	46.08 2.36 0.00	55.59 3.05 0.00	67.97 2.93 0.00	84.76 3.96 0.00	82.02 3.76 0.00	66.23 3.15 0.00	59.58 2.78 0.00	54.51 2.35 -0.01	49.71 2.23 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	50.27 2.71 -0.01	48.37 2.43 -0.01	46.14 2.24 -0.01	43.72 2.12 -0.01	43.42 2.07 -0.01	45.03 2.14 -0.01	50.92 1.96 0.00	60.42 1.99 0.00	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.93 2.17 0.00	43.01 2.47 -0.01	42.64 2.26 0.00	44.57 2.48 -0.01	46.08 2.36 0.00	55.59 3.05 0.00	67.97 2.93 0.00	84.76 3.96 0.00	82.02 3.76 0.00	66.23 3.15 0.00	59.58 2.78 0.00	54.51 2.35 -0.01	49.71 2.23 -0.01
HEMPSTEAD____ 23647	48.84 1.28 0.00	47.08 1.15 0.00	45.21 1.32 0.00	42.88 1.29 0.00	42.58 1.24 0.00	44.12 1.24 0.00	49.50 0.54 0.00	58.78 0.35 0.01	56.73 0.34 0.01	47.72 0.57 0.00	45.96 1.16 -0.01	42.85 1.08 -0.01	41.92 1.38 -0.01	41.80 1.41 -0.01	43.43 1.35 -0.01	45.17 1.44 -0.01	54.16 1.63 0.01	66.27 1.23 0.01	82.57 1.78 0.01	79.90 1.65 0.01	64.52 1.45 0.01	57.99 1.19 0.01	52.25 0.94 0.85	48.38 0.90 -0.01
HICKLING___1 23621	47.84 0.29 0.00	46.16 0.23 0.00	44.11 0.22 0.00	41.84 0.25 0.00	41.59 0.25 0.00	43.13 0.26 0.00	49.40 0.44 0.00	59.37 0.93 0.00	57.42 1.02 0.00	48.10 0.94 0.00	45.64 0.85 0.00	42.30 0.54 0.00	40.98 0.45 0.00	40.82 0.44 0.00	42.54 0.46 0.00	43.94 0.22 0.00	52.43 -0.11 0.00	65.30 0.26 0.00	80.96 0.16 0.00	78.42 0.16 0.00	62.70 -0.38 0.00	56.57 -0.23 0.00	52.47 0.31 0.00	47.43 -0.05 0.00
HICKLING___2 23622	47.84 0.29 0.00	46.16 0.23 0.00	44.11 0.22 0.00	41.84 0.25 0.00	41.59 0.25 0.00	43.13 0.26 0.00	49.40 0.44 0.00	59.37 0.93 0.00	57.42 1.02 0.00	48.10 0.94 0.00	45.64 0.85 0.00	42.30 0.54 0.00	40.98 0.45 0.00	40.82 0.44 0.00	42.54 0.46 0.00	43.94 0.22 0.00	52.43 -0.11 0.00	65.30 0.26 0.00	80.96 0.16 0.00	78.42 0.16 0.00	62.70 -0.38 0.00	56.57 -0.23 0.00	52.47 0.31 0.00	47.43 -0.05 0.00
HIGH FALLS___HY 23754	50.17 2.62 0.00	48.27 2.34 0.00	46.13 2.24 0.00	43.75 2.16 0.00	43.45 2.11 0.00	44.97 2.10 0.00	50.97 2.01 0.00	60.66 2.22 0.00	58.60 2.20 0.00	49.00 1.84 0.00	46.80 2.02 0.00	43.60 1.84 0.00	42.60 2.07 0.00	42.27 1.90 0.00	44.10 2.02 0.00	45.69 1.97 0.00	55.32 2.78 0.00	68.23 3.19 0.00	85.25 4.44 0.00	82.57 4.30 0.00	66.54 3.47 0.00	59.81 3.01 0.00	54.50 2.35 0.00	49.66 2.18 0.00
HIGH_RIVER___SOLAR 323847	48.98 1.43 0.00	47.27 1.33 0.00	45.21 1.32 0.00	42.75 1.16 0.00	42.50 1.16 0.00	44.07 1.20 0.00	50.23 1.27 0.00	59.90 1.46 0.00	56.74 0.34 0.00	46.69 -0.47 0.00	44.07 -0.72 0.00	40.96 -0.79 0.00	39.80 -0.73 0.00	39.73 -0.65 0.00	41.49 -0.59 0.00	43.42 -0.30 0.00	53.06 0.53 0.00	66.73 1.69 0.00	83.31 2.51 0.00	80.77 2.50 0.00	65.03 1.96 0.00	58.45 1.65 0.00	53.61 1.46 0.00	48.71 1.23 0.00
HILLBURN___GT 23639	49.55 2.00 0.00	47.72 1.79 0.00	45.56 1.67 0.00	43.17 1.58 0.00	42.87 1.53 0.00	44.46 1.59 0.00	50.28 1.32 0.00	59.90 1.46 0.00	57.75 1.35 0.00	48.53 1.37 0.00	46.40 1.61 0.00	43.30 1.55 0.00	42.36 1.83 0.00	42.07 1.70 0.00	43.80 1.73 0.00	45.42 1.70 0.00	54.80 2.26 0.00	67.18 2.14 0.00	83.71 2.90 0.00	81.00 2.74 0.00	65.28 2.21 0.00	58.79 1.99 0.00	53.93 1.77 0.00	49.09 1.62 0.00
HILLSIDE_115KV_TB1 80332	47.27 -0.29 0.00	45.66 -0.28 0.00	43.63 -0.26 0.00	41.38 -0.21 0.00	41.10 -0.25 0.00	42.62 -0.26 0.00	48.77 -0.20 0.00	58.55 0.12 0.00	56.57 0.17 0.00	47.44 0.28 0.00	45.05 0.27 0.00	41.80 0.04 0.00	40.57 0.04 0.00	40.37 0.00 0.00	42.08 0.00 0.00	43.46 -0.26 0.00	51.80 -0.74 0.00	64.45 -0.59 0.00	79.91 -0.89 0.00	77.40 -0.86 0.00	62.00 -1.07 0.00	55.95 -0.85 0.00	51.84 -0.31 0.00	46.86 -0.62 0.00

HISHELDN_WT_PWR 323625	46.89 -0.67 0.00	45.29 -0.64 0.00	43.19 -0.70 0.00	41.01 -0.58 0.00	40.72 -0.62 0.00	42.27 -0.60 0.00	48.52 -0.44 0.00	58.20 -0.23 0.00	56.57 0.17 0.00	47.49 0.33 0.00	45.23 0.45 0.00	41.88 0.13 0.00	40.57 0.04 0.00	40.37 0.00 0.00	42.16 0.08 0.00	43.20 -0.52 0.00	50.65 -1.89 0.00	63.29 -1.75 0.00	78.30 -2.51 0.00	75.52 -2.74 0.00	60.37 -2.71 0.00	54.76 -2.04 0.00	50.69 -1.46 0.00	46.20 -1.28 0.00
HOLTSVILLE_IC_1 23690	48.26 0.71 0.01	46.76 0.83 0.00	45.03 1.14 0.00	42.75 1.16 0.00	42.46 1.12 0.00	43.99 1.11 0.00	49.10 0.15 0.01	58.19 -0.23 0.02	56.10 -0.28 0.02	46.92 -0.23 0.01	45.22 0.49 0.06	42.26 0.50 0.00	41.46 0.93 0.00	41.42 1.05 0.00	43.00 0.92 0.00	44.81 1.09 0.00	53.68 1.15 0.01	65.42 0.39 0.01	81.04 0.24 0.01	78.32 0.08 0.02	63.63 0.57 0.01	57.01 0.23 0.02	50.57 0.16 1.74	47.80 0.33 0.01
HOLTSVILLE_IC_10 23699	48.45 0.90 0.01	46.94 1.01 0.00	45.21 1.32 0.00	42.92 1.33 0.00	42.63 1.28 0.00	44.16 1.29 0.00	49.30 0.35 0.01	58.42 0.00 0.02	56.33 -0.06 0.02	47.10 -0.05 0.01	45.41 0.67 0.05	42.38 0.63 0.00	41.62 1.09 0.00	41.58 1.21 0.00	43.16 1.09 0.00	44.99 1.27 0.00	53.95 1.42 0.01	65.75 0.72 0.01	81.52 0.73 0.01	78.64 0.39 0.02	64.02 0.95 0.01	57.35 0.57 0.02	50.75 0.31 1.72	47.99 0.52 0.01
HOLTSVILLE_IC_2 23691	48.26 0.71 0.01	46.76 0.83 0.00	45.03 1.14 0.00	42.75 1.16 0.00	42.46 1.12 0.00	43.99 1.11 0.00	49.10 0.15 0.01	58.19 -0.23 0.02	56.10 -0.28 0.02	46.92 -0.23 0.01	45.22 0.49 0.06	42.26 0.50 0.00	41.46 0.93 0.00	41.42 1.05 0.00	43.00 0.92 0.00	44.81 1.09 0.00	53.68 1.15 0.01	65.42 0.39 0.01	81.04 0.24 0.01	78.32 0.08 0.02	63.63 0.57 0.01	57.01 0.23 0.02	50.57 0.16 1.74	47.80 0.33 0.01
HOLTSVILLE_IC_3 23692	48.26 0.71 0.01	46.76 0.83 0.00	45.03 1.14 0.00	42.75 1.16 0.00	42.46 1.12 0.00	43.99 1.11 0.00	49.10 0.15 0.01	58.19 -0.23 0.02	56.10 -0.28 0.02	46.92 -0.23 0.01	45.22 0.49 0.06	42.26 0.50 0.00	41.46 0.93 0.00	41.42 1.05 0.00	43.00 0.92 0.00	44.81 1.09 0.00	53.68 1.15 0.01	65.42 0.39 0.01	81.04 0.24 0.01	78.32 0.08 0.02	63.63 0.57 0.01	57.01 0.23 0.02	50.57 0.16 1.74	47.80 0.33 0.01
HOLTSVILLE_IC_4 23693	48.26 0.71 0.01	46.76 0.83 0.00	45.03 1.14 0.00	42.75 1.16 0.00	42.46 1.12 0.00	43.99 1.11 0.00	49.10 0.15 0.01	58.19 -0.23 0.02	56.10 -0.28 0.02	46.92 -0.23 0.01	45.22 0.49 0.06	42.26 0.50 0.00	41.46 0.93 0.00	41.42 1.05 0.00	43.00 0.92 0.00	44.81 1.09 0.00	53.68 1.15 0.01	65.42 0.39 0.01	81.04 0.24 0.01	78.32 0.08 0.02	63.63 0.57 0.01	57.01 0.23 0.02	50.57 0.16 1.74	47.80 0.33 0.01
HOLTSVILLE_IC_5 23694	48.26 0.71 0.01	46.76 0.83 0.00	45.03 1.14 0.00	42.75 1.16 0.00	42.46 1.12 0.00	43.99 1.11 0.00	49.10 0.15 0.01	58.19 -0.23 0.02	56.10 -0.28 0.02	46.92 -0.23 0.01	45.22 0.49 0.06	42.26 0.50 0.00	41.46 0.93 0.00	41.42 1.05 0.00	43.00 0.92 0.00	44.81 1.09 0.00	53.68 1.15 0.01	65.42 0.39 0.01	81.04 0.24 0.01	78.32 0.08 0.02	63.63 0.57 0.01	57.01 0.23 0.02	50.57 0.16 1.74	47.80 0.33 0.01
HOLTSVILLE_IC_6 23695	48.45 0.90 0.01	46.94 1.01 0.00	45.21 1.32 0.00	42.92 1.33 0.00	42.63 1.28 0.00	44.16 1.29 0.00	49.30 0.35 0.01	58.42 0.00 0.02	56.33 -0.06 0.02	47.10 -0.05 0.01	45.41 0.67 0.05	42.38 0.63 0.00	41.62 1.09 0.00	41.58 1.21 0.00	43.16 1.09 0.00	44.99 1.27 0.00	53.95 1.42 0.01	65.75 0.72 0.01	81.52 0.73 0.01	78.64 0.39 0.02	64.02 0.95 0.01	57.35 0.57 0.02	50.75 0.31 1.72	47.99 0.52 0.01
HOLTSVILLE_IC_7 23696	48.45 0.90 0.01	46.94 1.01 0.00	45.21 1.32 0.00	42.92 1.33 0.00	42.63 1.28 0.00	44.16 1.29 0.00	49.30 0.35 0.01	58.42 0.00 0.02	56.33 -0.06 0.02	47.10 -0.05 0.01	45.41 0.67 0.05	42.38 0.63 0.00	41.62 1.09 0.00	41.58 1.21 0.00	43.16 1.09 0.00	44.99 1.27 0.00	53.95 1.42 0.01	65.75 0.72 0.01	81.52 0.73 0.01	78.64 0.39 0.02	64.02 0.95 0.01	57.35 0.57 0.02	50.75 0.31 1.72	47.99 0.52 0.01
HOLTSVILLE_IC_8 23697	48.45 0.90 0.01	46.94 1.01 0.00	45.21 1.32 0.00	42.92 1.33 0.00	42.63 1.28 0.00	44.16 1.29 0.00	49.30 0.35 0.01	58.42 0.00 0.02	56.33 -0.06 0.02	47.10 -0.05 0.01	45.41 0.67 0.05	42.38 0.63 0.00	41.62 1.09 0.00	41.58 1.21 0.00	43.16 1.09 0.00	44.99 1.27 0.00	53.95 1.42 0.01	65.75 0.72 0.01	81.52 0.73 0.01	78.64 0.39 0.02	64.02 0.95 0.01	57.35 0.57 0.02	50.75 0.31 1.72	47.99 0.52 0.01
HOLTSVILLE_IC_9 23698	48.45 0.90 0.01	46.94 1.01 0.00	45.21 1.32 0.00	42.92 1.33 0.00	42.63 1.28 0.00	44.16 1.29 0.00	49.30 0.35 0.01	58.42 0.00 0.02	56.33 -0.06 0.02	47.10 -0.05 0.01	45.41 0.67 0.05	42.38 0.63 0.00	41.62 1.09 0.00	41.58 1.21 0.00	43.16 1.09 0.00	44.99 1.27 0.00	53.95 1.42 0.01	65.75 0.72 0.01	81.52 0.73 0.01	78.64 0.39 0.02	64.02 0.95 0.01	57.35 0.57 0.02	50.75 0.31 1.72	47.99 0.52 0.01
HOMER_HL_115KV_TB2 355744	46.51 -1.05 0.00	44.92 -1.01 0.00	42.88 -1.01 0.00	40.72 -0.87 0.00	40.39 -0.95 0.00	41.93 -0.94 0.00	48.03 -0.93 0.00	57.85 -0.58 0.00	56.06 -0.34 0.00	47.16 0.00 0.00	44.88 0.09 0.00	41.59 -0.17 0.00	40.33 -0.20 0.00	40.09 -0.28 0.00	41.78 -0.29 0.00	42.85 -0.87 0.00	50.49 -2.05 0.00	63.15 -1.89 0.00	77.97 -2.83 0.00	75.44 -2.82 0.00	60.05 -3.03 0.00	54.47 -2.33 0.00	51.11 -1.04 0.00	45.91 -1.57 0.00
HOWARD_WT_PWR 323690	47.93 0.38 0.00	46.26 0.32 0.00	44.11 0.22 0.00	41.88 0.29 0.00	41.59 0.25 0.00	43.18 0.30 0.00	49.60 0.63 0.00	59.60 1.17 0.00	57.70 1.30 0.00	48.24 1.09 0.00	45.68 0.90 0.00	42.30 0.54 0.00	40.94 0.41 0.00	40.78 0.40 0.00	42.58 0.51 0.00	43.85 0.13 0.00	52.01 -0.53 0.00	65.17 0.13 0.00	80.88 0.08 0.00	78.03 -0.23 0.00	62.32 -0.75 0.00	56.29 -0.51 0.00	51.89 -0.26 0.00	47.29 -0.19 0.00
HQ_GEN_CEDARS 23644	48.74 1.19 0.00	47.13 1.19 0.00	44.99 1.10 0.00	42.76 1.16 0.00	42.50 1.16 0.00	44.03 1.16 0.00	50.48 1.52 0.00	60.07 1.64 0.00	57.98 1.58 0.00	48.29 1.13 0.00	45.82 1.03 0.00	42.97 1.21 0.00	41.51 0.97 0.00	41.26 0.89 0.00	43.04 0.97 0.00	44.81 1.09 0.00	53.59 1.05 0.00	66.53 1.50 0.00	82.74 1.94 0.00	80.22 1.96 0.00	64.65 1.58 0.00	58.16 1.36 0.00	53.61 1.46 0.00	48.85 1.38 0.00
HQ_GEN_CEDARS_PROXY 323590	48.74 1.19 0.00	47.12 1.19 0.00	44.99 1.10 0.00	42.75 1.16 0.00	42.50 1.16 0.00	44.03 1.16 0.00	50.23 1.52 0.25	60.32 1.63 -0.25	57.98 1.58 0.00	48.29 1.13 0.00	45.82 1.03 0.00	42.97 1.21 0.00	41.50 0.97 0.00	41.26 0.89 0.00	43.04 0.97 0.00	44.81 1.09 0.00	53.69 1.15 0.00	66.80 1.76 0.00	83.06 2.26 0.00	80.53 2.27 0.00	65.03 1.96 0.00	58.33 1.53 0.00	53.72 1.56 0.00	48.85 1.38 0.00

HQ_GEN_IMPORT 323601	47.84 0.29 0.00	46.21 0.28 0.00	44.11 0.22 0.00	41.84 0.25 0.00	41.59 0.25 0.00	43.13 0.26 0.00	49.10 0.39 0.25	59.15 0.47 -0.25	56.85 0.45 0.00	47.49 0.33 0.00	45.10 0.32 0.00	42.13 0.37 0.00	40.82 0.29 0.00	40.66 0.28 0.00	42.37 0.30 0.00	44.03 0.31 0.00	52.86 0.32 0.00	65.50 0.46 0.00	81.45 0.64 0.00	78.88 0.62 0.00	63.64 0.57 0.00	57.20 0.40 0.00	52.57 0.42 0.00	47.85 0.38 0.00
HQ_GEN_WHEEL 23651	47.84 0.29 0.00	46.21 0.28 0.00	44.11 0.22 0.00	41.84 0.25 0.00	41.59 0.25 0.00	43.13 0.26 0.00	49.10 0.39 0.25	59.15 0.47 -0.25	56.85 0.45 0.00	47.49 0.33 0.00	45.10 0.32 0.00	42.13 0.37 0.00	40.82 0.29 0.00	40.66 0.28 0.00	42.37 0.30 0.00	44.03 0.31 0.00	52.86 0.32 0.00	65.50 0.46 0.00	81.45 0.64 0.00	78.88 0.62 0.00	63.64 0.57 0.00	57.20 0.40 0.00	52.57 0.42 0.00	47.85 0.38 0.00
HUDSON AVE_GT_3 23810	49.89 2.33 0.00	48.00 2.07 0.00	45.78 1.89 0.00	43.34 1.75 0.00	43.04 1.70 0.00	44.67 1.80 0.00	50.58 1.62 0.00	60.13 1.69 0.00	58.04 1.64 0.00	48.76 1.60 0.00	46.62 1.84 0.00	43.64 1.88 0.00	42.68 2.15 0.00	42.35 1.98 0.00	44.22 2.15 0.00	45.73 2.01 0.00	55.22 2.68 0.00	67.64 2.60 0.00	84.36 3.56 0.00	81.55 3.29 0.00	65.91 2.84 0.00	59.24 2.44 0.00	54.08 1.93 0.00	49.33 1.85 0.00
HUDSON AVE_GT_4 23540	49.89 2.33 0.00	48.00 2.07 0.00	45.78 1.89 0.00	43.34 1.75 0.00	43.04 1.70 0.00	44.67 1.80 0.00	50.58 1.62 0.00	60.13 1.69 0.00	58.04 1.64 0.00	48.76 1.60 0.00	46.62 1.84 0.00	43.64 1.88 0.00	42.68 2.15 0.00	42.35 1.98 0.00	44.22 2.15 0.00	45.73 2.01 0.00	55.22 2.68 0.00	67.64 2.60 0.00	84.36 3.56 0.00	81.55 3.29 0.00	65.91 2.84 0.00	59.24 2.44 0.00	54.08 1.93 0.00	49.33 1.85 0.00
HUDSON AVE_GT_5 23657	49.89 2.33 0.00	48.00 2.07 0.00	45.78 1.89 0.00	43.34 1.75 0.00	43.04 1.70 0.00	44.67 1.80 0.00	50.58 1.62 0.00	60.13 1.69 0.00	58.04 1.64 0.00	48.76 1.60 0.00	46.62 1.84 0.00	43.64 1.88 0.00	42.68 2.15 0.00	42.35 1.98 0.00	44.22 2.15 0.00	45.73 2.01 0.00	55.22 2.68 0.00	67.64 2.60 0.00	84.36 3.56 0.00	81.55 3.29 0.00	65.91 2.84 0.00	59.24 2.44 0.00	54.08 1.93 0.00	49.33 1.85 0.00
HUDSON_AVE_10 24168	49.70 2.14 0.00	47.82 1.88 0.00	45.61 1.71 0.00	43.17 1.58 0.00	42.87 1.53 0.00	44.50 1.63 0.00	50.38 1.42 0.00	59.84 1.40 0.00	57.75 1.35 0.00	48.62 1.46 0.00	46.44 1.66 0.00	43.43 1.67 0.00	42.52 1.99 0.00	42.15 1.78 0.00	44.05 1.98 0.00	45.56 1.84 0.00	55.01 2.47 0.00	67.32 2.28 0.00	83.95 3.15 0.00	81.24 2.97 0.00	65.60 2.52 0.00	58.96 2.16 0.00	53.87 1.72 0.00	49.14 1.66 0.00
HUDSON___115KV_TB 4 355613	48.60 1.05 0.00	46.90 0.96 0.00	44.82 0.92 0.00	42.38 0.79 0.00	42.17 0.83 0.00	43.65 0.77 0.00	49.70 0.73 0.00	59.20 0.76 0.00	56.96 0.56 0.00	47.35 0.19 0.00	44.88 0.09 0.00	41.72 -0.04 0.00	40.53 0.00 0.00	40.50 0.12 0.00	42.29 0.21 0.00	44.07 0.35 0.00	53.38 0.84 0.00	66.47 1.43 0.00	82.82 2.02 0.00	80.14 1.88 0.00	64.65 1.58 0.00	58.05 1.25 0.00	52.99 0.83 0.00	48.28 0.81 0.00
HUNTER MOUNT___DRP 323613	48.79 1.24 0.00	47.03 1.10 0.00	44.95 1.05 0.00	42.55 0.96 0.00	42.29 0.95 0.00	43.77 0.90 0.00	49.84 0.88 0.00	59.37 0.93 0.00	57.13 0.73 0.00	47.35 0.19 0.00	44.88 0.09 0.00	41.63 -0.13 0.00	40.45 -0.08 0.00	40.45 0.08 0.00	42.20 0.13 0.00	44.03 0.31 0.00	53.48 0.95 0.00	66.67 1.63 0.00	83.23 2.42 0.00	80.53 2.27 0.00	64.90 1.83 0.00	58.22 1.42 0.00	53.14 0.99 0.00	48.42 0.95 0.00
HUNTINGTON_RES_REC 323705	48.21 0.67 0.01	46.71 0.78 0.00	45.03 1.14 0.00	42.71 1.12 0.00	42.46 1.12 0.00	43.95 1.07 0.00	48.91 -0.05 0.01	58.01 -0.41 0.01	55.93 -0.45 0.01	47.06 -0.09 0.01	45.40 0.71 0.10	42.42 0.67 0.00	41.58 1.05 0.00	41.54 1.17 0.00	43.12 1.05 0.00	44.94 1.22 0.00	53.64 1.11 0.01	65.49 0.46 0.01	81.28 0.49 0.01	78.56 0.31 0.01	63.70 0.63 0.01	57.13 0.34 0.01	50.60 0.16 1.71	47.80 0.33 0.01
HUNTLEY___63 23557	46.56 -1.00 0.00	45.01 -0.92 0.00	42.97 -0.92 0.00	40.72 -0.87 0.00	40.39 -0.95 0.00	41.93 -0.94 0.00	48.23 -0.73 0.00	57.79 -0.64 0.00	56.34 -0.06 0.00	47.49 0.33 0.00	45.28 0.49 0.00	42.05 0.29 0.00	40.69 0.16 0.00	40.45 0.08 0.00	42.24 0.17 0.00	43.15 -0.57 0.00	50.65 -1.89 0.00	62.89 -2.15 0.00	77.49 -3.31 0.00	74.82 -3.44 0.00	59.54 -3.53 0.00	54.41 -2.39 0.00	51.58 -0.57 0.00	45.96 -1.52 0.00
HUNTLEY___64 23558	46.56 -1.00 0.00	45.01 -0.92 0.00	42.97 -0.92 0.00	40.72 -0.87 0.00	40.39 -0.95 0.00	41.93 -0.94 0.00	48.23 -0.73 0.00	57.79 -0.64 0.00	56.34 -0.06 0.00	47.49 0.33 0.00	45.28 0.49 0.00	42.05 0.29 0.00	40.69 0.16 0.00	40.45 0.08 0.00	42.24 0.17 0.00	43.15 -0.57 0.00	50.65 -1.89 0.00	62.89 -2.15 0.00	77.49 -3.31 0.00	74.82 -3.44 0.00	59.54 -3.53 0.00	54.41 -2.39 0.00	51.58 -0.57 0.00	45.96 -1.52 0.00
HUNTLEY___65 23559	46.56 -1.00 0.00	45.01 -0.92 0.00	42.97 -0.92 0.00	40.72 -0.87 0.00	40.39 -0.95 0.00	41.93 -0.94 0.00	48.23 -0.73 0.00	57.79 -0.64 0.00	56.34 -0.06 0.00	47.49 0.33 0.00	45.28 0.49 0.00	42.05 0.29 0.00	40.69 0.16 0.00	40.45 0.08 0.00	42.24 0.17 0.00	43.15 -0.57 0.00	50.65 -1.89 0.00	62.89 -2.15 0.00	77.49 -3.31 0.00	74.82 -3.44 0.00	59.54 -3.53 0.00	54.41 -2.39 0.00	51.58 -0.57 0.00	45.96 -1.52 0.00
HUNTLEY___66 23560	46.56 -1.00 0.00	45.01 -0.92 0.00	42.97 -0.92 0.00	40.72 -0.87 0.00	40.39 -0.95 0.00	41.93 -0.94 0.00	48.23 -0.73 0.00	57.79 -0.64 0.00	56.34 -0.06 0.00	47.49 0.33 0.00	45.28 0.49 0.00	42.05 0.29 0.00	40.69 0.16 0.00	40.45 0.08 0.00	42.24 0.17 0.00	43.15 -0.57 0.00	50.65 -1.89 0.00	62.89 -2.15 0.00	77.49 -3.31 0.00	74.82 -3.44 0.00	59.54 -3.53 0.00	54.41 -2.39 0.00	51.58 -0.57 0.00	45.96 -1.52 0.00
HUNTLEY___67 23561	46.37 -1.19 0.00	44.83 -1.10 0.00	42.80 -1.10 0.00	40.59 -1.00 0.00	40.27 -1.07 0.00	41.80 -1.07 0.00	48.03 -0.93 0.00	57.68 -0.76 0.00	56.12 -0.28 0.00	47.25 0.09 0.00	45.10 0.31 0.00	41.84 0.08 0.00	40.53 0.00 0.00	40.29 -0.08 0.00	42.08 0.00 0.00	43.07 -0.66 0.00	50.59 -1.94 0.00	62.70 -2.34 0.00	77.33 -3.47 0.00	74.66 -3.60 0.00	59.48 -3.60 0.00	54.30 -2.50 0.00	51.32 -0.83 0.00	45.77 -1.71 0.00
HUNTLEY___68 23562	46.37 -1.19 0.00	44.83 -1.10 0.00	42.80 -1.10 0.00	40.59 -1.00 0.00	40.27 -1.07 0.00	41.80 -1.07 0.00	48.03 -0.93 0.00	57.68 -0.76 0.00	56.12 -0.28 0.00	47.25 0.09 0.00	45.10 0.31 0.00	41.84 0.08 0.00	40.53 0.00 0.00	40.29 -0.08 0.00	42.08 0.00 0.00	43.07 -0.66 0.00	50.59 -1.94 0.00	62.70 -2.34 0.00	77.33 -3.47 0.00	74.66 -3.60 0.00	59.48 -3.60 0.00	54.30 -2.50 0.00	51.32 -0.83 0.00	45.77 -1.71 0.00

HYLAND___LFGE 323620	49.46 1.90 0.00	47.58 1.65 0.00	45.34 1.45 0.00	43.01 1.41 0.00	42.75 1.41 0.00	44.37 1.50 0.00	51.22 2.25 0.00	61.59 3.15 0.00	59.22 2.82 0.00	48.76 1.60 0.00	45.86 1.07 0.00	42.39 0.63 0.00	41.02 0.49 0.00	40.90 0.52 0.00	42.79 0.71 0.00	44.33 0.61 0.00	52.96 0.42 0.00	67.12 2.08 0.00	84.52 3.72 0.00	81.62 3.36 0.00	64.91 1.83 0.00	58.84 2.04 0.00	53.98 1.82 0.00	48.95 1.47 0.00
INDECK___CORINTH 23802	48.56 1.00 0.00	46.85 0.92 0.00	44.82 0.92 0.00	42.47 0.87 0.00	42.25 0.91 0.00	43.60 0.73 0.00	49.65 0.69 0.00	59.19 0.76 0.00	57.02 0.62 0.00	47.30 0.14 0.00	44.70 -0.09 0.00	41.63 -0.12 0.00	40.29 -0.24 0.00	40.29 -0.08 0.00	42.03 -0.04 0.00	43.85 0.13 0.00	53.12 0.58 0.00	66.21 1.17 0.00	82.33 1.53 0.00	79.83 1.56 0.00	64.34 1.26 0.00	57.65 0.85 0.00	53.04 0.89 0.00	48.19 0.71 0.00
INDECK___ILION 23567	48.74 1.19 0.00	47.08 1.15 0.00	45.03 1.14 0.00	42.63 1.04 0.00	42.38 1.03 0.00	43.99 1.11 0.00	50.14 1.18 0.00	59.90 1.46 0.00	57.70 1.30 0.00	48.29 1.13 0.00	45.91 1.12 0.00	42.76 1.00 0.00	41.55 1.01 0.00	41.34 0.97 0.00	43.04 0.97 0.00	44.73 1.01 0.00	53.85 1.31 0.00	66.60 1.56 0.00	82.74 1.94 0.00	80.14 1.88 0.00	64.53 1.45 0.00	58.16 1.36 0.00	53.35 1.20 0.00	48.57 1.09 0.00
INDECK___OLEAN 23982	46.46 -1.09 0.00	44.92 -1.01 0.00	42.80 -1.10 0.00	40.72 -0.88 0.00	40.39 -0.95 0.00	41.93 -0.94 0.00	48.03 -0.93 0.00	57.85 -0.58 0.00	56.06 -0.34 0.00	47.16 0.00 0.00	44.88 0.09 0.00	41.63 -0.12 0.00	40.33 -0.20 0.00	40.05 -0.32 0.00	41.78 -0.29 0.00	42.85 -0.87 0.00	50.23 -2.31 0.00	62.83 -2.21 0.00	77.81 -2.99 0.00	75.13 -3.13 0.00	60.05 -3.03 0.00	54.42 -2.38 0.00	50.43 -1.72 0.00	45.91 -1.57 0.00
INDECK___OSWEGO 23783	46.41 -1.14 0.00	44.83 -1.10 0.00	42.84 -1.05 0.00	40.59 -1.00 0.00	40.35 -0.99 0.00	41.84 -1.03 0.00	47.84 -1.12 0.00	57.15 -1.29 0.00	55.16 -1.24 0.00	46.12 -1.04 0.00	43.80 -0.99 0.00	40.76 -1.00 0.00	39.52 -1.01 0.00	39.37 -1.01 0.00	41.03 -1.05 0.00	42.58 -1.14 0.00	51.28 -1.26 0.00	63.55 -1.49 0.00	82.75 -1.86 -3.80	79.41 -1.72 -2.87	61.56 -1.51 0.00	55.50 -1.30 0.00	50.96 -1.20 0.00	46.33 -1.14 0.00
INDECK___YERKES 23781	46.55 -1.00 0.00	45.01 -0.92 0.00	42.89 -1.01 0.00	40.72 -0.88 0.00	40.43 -0.91 0.00	41.97 -0.90 0.00	48.28 -0.69 0.00	57.85 -0.58 0.00	56.40 0.00 0.00	47.44 0.28 0.00	45.32 0.54 0.00	42.01 0.25 0.00	40.78 0.24 0.00	40.46 0.08 0.00	42.24 0.17 0.00	43.20 -0.52 0.00	50.23 -2.31 0.00	62.76 -2.28 0.00	77.41 -3.39 0.00	74.66 -3.60 0.00	59.67 -3.41 0.00	54.42 -2.38 0.00	50.54 -1.62 0.00	46.00 -1.47 0.00
INDIAN POINT_GT_1 24139	49.46 1.90 0.00	47.63 1.70 0.00	45.47 1.58 0.00	43.09 1.50 0.00	42.79 1.45 0.00	44.37 1.50 0.00	50.24 1.27 0.00	59.72 1.29 0.00	57.64 1.24 0.00	48.43 1.27 0.00	46.26 1.48 0.00	43.26 1.50 0.00	42.28 1.74 0.00	41.99 1.61 0.00	43.84 1.77 0.00	45.38 1.66 0.00	54.69 2.15 0.00	67.19 2.15 0.00	83.71 2.91 0.00	81.00 2.74 0.00	65.41 2.33 0.00	58.79 1.99 0.00	53.67 1.51 0.00	48.99 1.52 0.00
INDIAN POINT_GT_2 23659	49.46 1.90 0.00	47.63 1.70 0.00	45.47 1.58 0.00	43.09 1.50 0.00	42.79 1.45 0.00	44.37 1.50 0.00	50.24 1.27 0.00	59.72 1.29 0.00	57.64 1.24 0.00	48.43 1.27 0.00	46.26 1.48 0.00	43.26 1.50 0.00	42.28 1.74 0.00	41.99 1.61 0.00	43.84 1.77 0.00	45.38 1.66 0.00	54.69 2.15 0.00	67.19 2.15 0.00	83.71 2.91 0.00	81.00 2.74 0.00	65.41 2.33 0.00	58.79 1.99 0.00	53.67 1.51 0.00	48.99 1.52 0.00
INDIAN POINT_GT_3 24019	49.46 1.90 0.00	47.63 1.70 0.00	45.47 1.58 0.00	43.09 1.50 0.00	42.79 1.45 0.00	44.37 1.50 0.00	50.24 1.27 0.00	59.72 1.29 0.00	57.64 1.24 0.00	48.43 1.27 0.00	46.26 1.48 0.00	43.26 1.50 0.00	42.28 1.74 0.00	41.99 1.61 0.00	43.84 1.77 0.00	45.38 1.66 0.00	54.69 2.15 0.00	67.19 2.15 0.00	83.71 2.91 0.00	81.00 2.74 0.00	65.41 2.33 0.00	58.79 1.99 0.00	53.67 1.51 0.00	48.99 1.52 0.00
INDIAN POINT___2 23530	49.46 1.90 0.00	47.63 1.70 0.00	45.52 1.63 0.00	43.09 1.50 0.00	42.79 1.45 0.00	44.37 1.50 0.00	50.19 1.22 0.00	59.78 1.35 0.00	57.64 1.24 0.00	48.43 1.27 0.00	46.31 1.52 0.00	43.26 1.50 0.00	42.27 1.74 0.00	41.99 1.62 0.00	43.76 1.68 0.00	45.38 1.66 0.00	54.69 2.15 0.00	66.99 1.95 0.00	83.46 2.66 0.00	80.77 2.50 0.00	65.15 2.08 0.00	58.62 1.82 0.00	53.77 1.62 0.00	48.99 1.52 0.00
INDIAN POINT___3 23531	49.41 1.85 0.00	47.63 1.70 0.00	45.47 1.58 0.00	43.09 1.50 0.00	42.79 1.45 0.00	44.37 1.50 0.00	50.19 1.22 0.00	59.72 1.29 0.00	57.64 1.24 0.00	48.43 1.27 0.00	46.26 1.48 0.00	43.22 1.46 0.00	42.28 1.74 0.00	41.95 1.57 0.00	43.80 1.73 0.00	45.34 1.62 0.00	54.69 2.15 0.00	67.12 2.08 0.00	83.63 2.83 0.00	81.00 2.74 0.00	65.41 2.33 0.00	58.79 1.99 0.00	53.61 1.46 0.00	48.95 1.47 0.00
INGHAM_C_115KV_TB7 356103	50.12 2.57 0.00	48.46 2.53 0.00	46.35 2.46 0.00	43.88 2.29 0.00	43.62 2.27 0.00	45.23 2.36 0.00	51.56 2.60 0.00	61.59 3.16 0.00	59.33 2.93 0.00	49.71 2.55 0.00	47.29 2.51 0.00	43.97 2.21 0.00	42.72 2.19 0.00	42.51 2.14 0.00	44.22 2.15 0.00	45.95 2.23 0.00	55.38 2.84 0.00	68.36 3.32 0.00	84.92 4.12 0.00	82.33 4.07 0.00	66.17 3.09 0.00	59.75 2.95 0.00	54.87 2.71 0.00	49.90 2.42 0.00
IP CORINTH___1 23988	48.84 1.28 0.00	47.13 1.19 0.00	45.08 1.19 0.00	42.67 1.08 0.00	42.46 1.12 0.00	43.82 0.94 0.00	49.94 0.98 0.00	59.55 1.11 0.00	57.36 0.96 0.00	47.58 0.42 0.00	44.96 0.18 0.00	41.84 0.08 0.00	40.49 -0.04 0.00	40.54 0.16 0.00	42.24 0.17 0.00	44.11 0.39 0.00	53.43 0.89 0.00	66.73 1.69 0.00	83.06 2.26 0.00	80.37 2.11 0.00	64.84 1.77 0.00	58.05 1.25 0.00	53.30 1.15 0.00	48.47 1.00 0.00
IP___TICONDEROGA 23804	50.88 3.33 0.00	49.06 3.12 0.00	46.97 3.07 0.00	44.38 2.79 0.00	44.16 2.81 0.00	45.62 2.74 0.00	52.10 3.13 0.00	62.12 3.68 0.00	59.67 3.27 0.00	49.23 2.07 0.00	46.35 1.57 0.00	43.01 1.25 0.00	41.55 1.01 0.00	41.59 1.21 0.00	43.34 1.26 0.00	45.34 1.62 0.00	55.27 2.73 0.00	69.72 4.68 0.00	86.94 6.14 0.00	84.13 5.87 0.00	67.74 4.67 0.00	60.49 3.69 0.00	55.54 3.39 0.00	50.37 2.90 0.00
ISLIP_RES_REC 323679	48.64 1.09 0.01	47.08 1.15 0.00	45.34 1.45 0.00	43.05 1.45 0.00	42.75 1.41 0.00	44.29 1.41 0.00	49.44 0.49 0.01	58.60 0.18 0.01	56.50 0.11 0.01	47.25 0.09 0.01	45.55 0.81 0.05	42.51 0.75 0.00	41.74 1.21 0.00	41.70 1.33 0.00	43.29 1.22 0.00	45.16 1.44 0.00	54.16 1.63 0.01	66.07 1.04 0.01	81.84 1.05 0.01	78.87 0.62 0.01	64.26 1.20 0.01	57.58 0.79 0.01	50.91 0.47 1.71	48.13 0.66 0.00

JAMAICA__27_KV_LOAD 355505	49.74 2.19 0.00	47.82 1.88 0.00	45.52 1.62 0.00	43.13 1.54 0.00	42.83 1.49 0.00	44.46 1.59 0.00	50.33 1.37 0.00	59.72 1.29 0.00	57.70 1.30 0.00	48.62 1.46 0.00	46.35 1.57 0.00	43.35 1.59 0.00	42.44 1.91 0.00	42.07 1.70 0.00	43.97 1.89 0.00	45.47 1.75 0.00	55.01 2.47 0.00	67.12 2.08 0.00	83.79 2.99 0.00	81.00 2.74 0.00	65.47 2.40 0.00	58.79 1.99 0.00	53.93 1.77 0.00	49.18 1.71 0.00
JANIS__SOLAR 323808	49.32 1.76 0.00	47.68 1.74 0.00	45.56 1.67 0.00	43.17 1.58 0.00	42.91 1.57 0.00	44.59 1.72 0.00	51.17 2.21 0.00	61.36 2.92 0.00	58.77 2.37 0.00	48.76 1.60 0.00	46.09 1.30 0.00	42.68 0.92 0.00	41.34 0.81 0.00	41.14 0.77 0.00	42.83 0.76 0.00	44.68 0.96 0.00	54.17 1.63 0.00	67.64 2.60 0.00	84.44 3.64 0.00	82.17 3.91 0.00	65.72 2.65 0.00	59.19 2.39 0.00	54.24 2.09 0.00	49.32 1.85 0.00
JARVIS____ 23743	47.70 0.14 0.00	46.07 0.14 0.00	44.03 0.13 0.00	41.72 0.13 0.00	41.47 0.12 0.00	43.00 0.13 0.00	49.06 0.10 0.00	58.55 0.12 0.00	56.46 0.06 0.00	47.21 0.05 0.00	44.88 0.09 0.00	41.80 0.04 0.00	40.61 0.08 0.00	40.46 0.08 0.00	42.16 0.08 0.00	43.81 0.09 0.00	52.70 0.16 0.00	65.17 0.13 0.00	80.96 0.16 0.00	78.42 0.16 0.00	63.20 0.13 0.00	56.91 0.11 0.00	52.26 0.10 0.00	47.57 0.10 0.00
JENNISON____1 23625	49.50 1.95 0.00	47.91 1.98 0.00	45.83 1.93 0.00	43.38 1.79 0.00	43.12 1.78 0.00	44.80 1.93 0.00	51.26 2.30 0.00	61.53 3.10 0.00	59.11 2.71 0.00	49.33 2.17 0.00	46.85 2.06 0.00	43.35 1.59 0.00	42.07 1.54 0.00	41.79 1.41 0.00	43.42 1.35 0.00	45.16 1.44 0.00	54.69 2.15 0.00	67.90 2.86 0.00	84.52 3.72 0.00	82.33 4.07 0.00	65.91 2.84 0.00	59.30 2.50 0.00	54.50 2.35 0.00	49.42 1.95 0.00
JENNISON____2 23626	49.50 1.95 0.00	47.91 1.98 0.00	45.83 1.93 0.00	43.38 1.79 0.00	43.12 1.78 0.00	44.80 1.93 0.00	51.26 2.30 0.00	61.53 3.10 0.00	59.11 2.71 0.00	49.33 2.17 0.00	46.85 2.06 0.00	43.35 1.59 0.00	42.07 1.54 0.00	41.79 1.41 0.00	43.42 1.35 0.00	45.16 1.44 0.00	54.69 2.15 0.00	67.90 2.86 0.00	84.52 3.72 0.00	82.33 4.07 0.00	65.91 2.84 0.00	59.30 2.50 0.00	54.50 2.35 0.00	49.42 1.95 0.00
JERICOHO_RISE_WT_PWR 323719	48.22 0.67 0.00	46.58 0.64 0.00	44.46 0.57 0.00	42.25 0.66 0.00	42.00 0.66 0.00	43.56 0.68 0.00	49.79 0.83 0.00	59.37 0.93 0.00	57.36 0.96 0.00	47.91 0.75 0.00	45.46 0.67 0.00	42.64 0.88 0.00	41.22 0.69 0.00	40.98 0.61 0.00	42.71 0.63 0.00	44.46 0.74 0.00	53.17 0.63 0.00	66.14 1.10 0.00	82.17 1.37 0.00	79.59 1.33 0.00	64.27 1.20 0.00	57.60 0.79 0.00	52.98 0.83 0.00	48.33 0.86 0.00
KATONAH__115KV_46KV_TB4 355592	49.65 2.09 0.00	47.82 1.88 0.00	45.69 1.80 0.00	43.25 1.66 0.00	43.00 1.65 0.00	44.59 1.71 0.00	50.43 1.47 0.00	59.96 1.52 0.00	57.87 1.47 0.00	48.57 1.41 0.00	46.44 1.66 0.00	43.39 1.63 0.00	42.44 1.91 0.00	42.11 1.74 0.00	44.01 1.94 0.00	45.56 1.84 0.00	54.95 2.42 0.00	67.58 2.54 0.00	84.11 3.31 0.00	81.39 3.13 0.00	65.72 2.65 0.00	59.07 2.27 0.00	53.93 1.77 0.00	49.18 1.71 0.00
KCE_NY_1 323755	49.22 1.66 0.00	47.54 1.61 0.00	45.43 1.54 0.00	42.96 1.37 0.00	42.75 1.41 0.00	44.25 1.37 0.00	50.43 1.47 0.00	60.19 1.75 0.00	57.98 1.58 0.00	48.24 1.09 0.00	45.63 0.85 0.00	42.42 0.67 0.00	41.10 0.57 0.00	41.14 0.77 0.00	42.87 0.80 0.00	44.73 1.01 0.00	54.11 1.57 0.00	67.25 2.21 0.00	83.55 2.75 0.00	81.00 2.74 0.00	65.28 2.21 0.00	58.62 1.82 0.00	53.82 1.67 0.00	48.95 1.47 0.00
KCE_NY_6_ESR 323823	46.79 -0.76 0.00	45.24 -0.69 0.00	43.10 -0.79 0.00	40.92 -0.67 0.00	40.60 -0.74 0.00	42.14 -0.73 0.00	48.47 -0.49 0.00	58.20 -0.23 0.00	56.57 0.17 0.00	47.63 0.47 0.00	45.46 0.67 0.00	42.13 0.37 0.00	40.82 0.29 0.00	40.58 0.20 0.00	42.37 0.30 0.00	43.37 -0.35 0.00	50.54 -2.00 0.00	63.22 -1.82 0.00	78.05 -2.75 0.00	75.29 -2.97 0.00	60.18 -2.90 0.00	54.70 -2.10 0.00	50.75 -1.41 0.00	46.15 -1.33 0.00
KEDC_PORT_JEFF_GT2 24210	48.40 0.86 0.01	46.90 0.97 0.00	45.17 1.27 0.00	42.88 1.29 0.00	42.58 1.24 0.00	44.12 1.24 0.00	49.20 0.25 0.01	58.36 -0.06 0.02	56.27 -0.11 0.02	47.06 -0.09 0.01	45.40 0.67 0.06	42.38 0.63 0.00	41.58 1.05 0.00	41.58 1.21 0.00	43.16 1.09 0.00	44.99 1.27 0.00	53.89 1.36 0.01	65.68 0.65 0.01	81.20 0.41 0.01	78.40 0.16 0.02	63.89 0.82 0.01	57.24 0.45 0.02	50.74 0.31 1.73	47.94 0.47 0.01
KEDC_PORT_JEFF_GT3 24211	48.40 0.86 0.01	46.90 0.97 0.00	45.17 1.27 0.00	42.88 1.29 0.00	42.58 1.24 0.00	44.12 1.24 0.00	49.20 0.25 0.01	58.36 -0.06 0.02	56.27 -0.11 0.02	47.06 -0.09 0.01	45.40 0.67 0.06	42.38 0.63 0.00	41.58 1.05 0.00	41.58 1.21 0.00	43.16 1.09 0.00	44.99 1.27 0.00	53.89 1.36 0.01	65.68 0.65 0.01	81.20 0.41 0.01	78.40 0.16 0.02	63.89 0.82 0.01	57.24 0.45 0.02	50.74 0.31 1.73	47.94 0.47 0.01
KEDC_GLWD_GT4 24219	49.36 1.81 0.00	47.54 1.61 0.00	45.56 1.67 0.00	43.17 1.58 0.00	42.87 1.53 0.00	44.46 1.59 0.00	50.04 1.08 0.00	59.48 1.05 0.01	57.41 1.02 0.01	48.29 1.13 0.00	46.40 1.61 -0.01	43.31 1.55 -0.01	42.32 1.78 -0.01	42.16 1.77 -0.01	43.85 1.77 -0.01	45.52 1.79 -0.01	54.69 2.15 0.00	66.98 1.95 0.00	83.46 2.66 0.00	80.76 2.50 0.01	65.15 2.08 0.00	58.61 1.82 0.01	53.10 1.51 0.57	48.86 1.38 -0.01
KEDC_GLWD_GT5 24220	49.36 1.81 0.00	47.54 1.61 0.00	45.56 1.67 0.00	43.17 1.58 0.00	42.87 1.53 0.00	44.46 1.59 0.00	50.04 1.08 0.00	59.48 1.05 0.01	57.41 1.02 0.01	48.29 1.13 0.00	46.40 1.61 -0.01	43.31 1.55 -0.01	42.32 1.78 -0.01	42.16 1.77 -0.01	43.85 1.77 -0.01	45.52 1.79 -0.01	54.69 2.15 0.00	66.98 1.95 0.00	83.46 2.66 0.00	80.76 2.50 0.01	65.15 2.08 0.00	58.61 1.82 0.01	53.10 1.51 0.57	48.86 1.38 -0.01
KENSICO____ 23655	49.55 2.00 0.00	47.72 1.79 0.00	45.56 1.67 0.00	43.17 1.58 0.00	42.87 1.53 0.00	44.46 1.59 0.00	50.28 1.32 0.00	59.84 1.40 0.00	57.75 1.35 0.00	48.53 1.37 0.00	46.40 1.61 0.00	43.35 1.59 0.00	42.36 1.82 0.00	42.07 1.70 0.00	43.93 1.85 0.00	45.47 1.75 0.00	54.85 2.31 0.00	67.25 2.21 0.00	83.87 3.07 0.00	81.16 2.90 0.00	65.54 2.46 0.00	58.90 2.10 0.00	53.77 1.62 0.00	49.04 1.57 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	50.08 2.52 0.00	48.18 2.25 0.00	46.04 2.15 0.00	43.63 2.04 0.00	43.37 2.03 0.00	44.89 2.02 0.00	50.87 1.91 0.00	60.54 2.10 0.00	58.43 2.03 0.00	48.86 1.70 0.00	46.67 1.88 0.00	43.43 1.67 0.00	42.44 1.91 0.00	42.11 1.74 0.00	43.93 1.85 0.00	45.56 1.84 0.00	55.17 2.63 0.00	68.10 3.06 0.00	85.08 4.28 0.00	82.41 4.15 0.00	66.42 3.34 0.00	59.64 2.84 0.00	54.40 2.24 0.00	49.56 2.09 0.00

KIAC_JFK_GT1 23816	49.50 1.95 0.00	47.59 1.65 0.00	45.30 1.40 0.00	42.92 1.33 0.00	42.63 1.28 0.00	44.25 1.37 0.00	50.09 1.13 0.00	59.14 0.70 0.00	57.25 0.85 0.00	48.34 1.18 0.00	46.08 1.30 0.00	43.14 1.38 0.00	42.19 1.66 0.00	41.87 1.49 0.00	43.72 1.64 0.00	45.25 1.53 0.00	54.69 2.15 0.00	66.47 1.43 0.00	82.98 2.18 0.00	80.22 1.96 0.00	64.84 1.77 0.00	58.28 1.48 0.00	53.61 1.46 0.00	48.95 1.47 0.00
KIAC_JFK_GT2 23817	49.50 1.95 0.00	47.59 1.65 0.00	45.30 1.40 0.00	42.92 1.33 0.00	42.63 1.28 0.00	44.25 1.37 0.00	50.09 1.13 0.00	59.14 0.70 0.00	57.25 0.85 0.00	48.34 1.18 0.00	46.08 1.30 0.00	43.14 1.38 0.00	42.19 1.66 0.00	41.87 1.49 0.00	43.72 1.64 0.00	45.25 1.53 0.00	54.69 2.15 0.00	66.47 1.43 0.00	82.98 2.18 0.00	80.22 1.96 0.00	64.84 1.77 0.00	58.28 1.48 0.00	53.61 1.46 0.00	48.95 1.47 0.00
KIAC_JFK____ 323774	49.51 1.95 0.00	47.58 1.65 0.00	45.34 1.45 0.00	42.92 1.33 0.00	42.63 1.28 0.00	44.25 1.37 0.00	50.09 1.13 0.00	59.14 0.70 0.00	57.30 0.90 0.00	48.34 1.18 0.00	46.09 1.30 0.00	43.13 1.38 0.00	42.20 1.66 0.00	41.87 1.49 0.00	43.63 1.56 0.00	45.25 1.53 0.00	54.69 2.15 0.00	66.34 1.30 0.00	82.74 1.94 0.00	80.06 1.80 0.00	64.53 1.45 0.00	58.05 1.25 0.00	53.82 1.67 0.00	48.95 1.47 0.00
KINTIGH__24_KV_GSU 356498	46.37 -1.19 0.00	44.79 -1.15 0.00	42.71 -1.18 0.00	40.55 -1.04 0.00	40.27 -1.08 0.00	41.76 -1.11 0.00	48.03 -0.93 0.00	57.67 -0.76 0.00	56.12 -0.28 0.00	47.16 0.00 0.00	44.97 0.18 0.00	41.76 0.00 0.00	40.49 -0.04 0.00	40.21 -0.16 0.00	41.99 -0.08 0.00	43.07 -0.65 0.00	50.33 -2.20 0.00	62.63 -2.41 0.00	77.49 -3.32 0.00	74.82 -3.44 0.00	59.86 -3.21 0.00	54.53 -2.27 0.00	50.43 -1.72 0.00	45.81 -1.66 0.00
KINTIGH____ 23543	46.37 -1.19 0.00	44.78 -1.15 0.00	42.75 -1.14 0.00	40.55 -1.04 0.00	40.27 -1.07 0.00	41.76 -1.11 0.00	48.03 -0.93 0.00	57.68 -0.76 0.00	56.12 -0.28 0.00	47.21 0.05 0.00	44.96 0.18 0.00	41.76 0.00 0.00	40.49 -0.04 0.00	40.21 -0.16 0.00	41.99 -0.08 0.00	43.07 -0.66 0.00	50.75 -1.79 0.00	62.83 -2.21 0.00	77.65 -3.15 0.00	74.97 -3.29 0.00	59.80 -3.28 0.00	54.59 -2.22 0.00	51.37 -0.78 0.00	45.81 -1.66 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	48.70 1.14 0.00	47.03 1.10 0.00	44.90 1.01 0.00	42.67 1.08 0.00	42.46 1.12 0.00	43.99 1.11 0.00	50.24 1.27 0.00	59.84 1.40 0.00	57.81 1.41 0.00	48.34 1.18 0.00	45.82 1.03 0.00	43.09 1.34 0.00	41.55 1.01 0.00	41.30 0.93 0.00	43.09 1.01 0.00	44.90 1.18 0.00	53.06 0.53 0.00	65.75 0.72 0.00	81.77 0.97 0.00	79.20 0.94 0.00	63.83 0.76 0.00	57.20 0.40 0.00	53.04 0.89 0.00	48.85 1.38 0.00
LACHUTE____HYDRO 323717	50.88 3.33 0.00	49.06 3.12 0.00	46.97 3.07 0.00	44.38 2.79 0.00	44.16 2.81 0.00	45.62 2.75 0.00	52.10 3.14 0.00	62.12 3.68 0.00	59.67 3.27 0.00	49.23 2.07 0.00	46.35 1.57 0.00	43.01 1.25 0.00	41.55 1.01 0.00	41.58 1.21 0.00	43.34 1.26 0.00	45.34 1.62 0.00	55.27 2.73 0.00	69.52 4.48 0.00	86.54 5.74 0.00	83.97 5.71 0.00	67.55 4.48 0.00	60.38 3.58 0.00	55.54 3.39 0.00	50.37 2.90 0.00
LAWRNCALV_115KV_TB1 80681	49.08 1.52 0.00	47.45 1.52 0.00	45.30 1.40 0.00	43.01 1.41 0.00	42.79 1.45 0.00	44.33 1.46 0.00	50.87 1.91 0.00	60.54 2.10 0.00	58.26 1.86 0.00	48.39 1.23 0.00	45.86 1.07 0.00	43.05 1.29 0.00	41.59 1.05 0.00	41.30 0.93 0.00	43.09 1.01 0.00	44.90 1.18 0.00	53.75 1.21 0.00	66.86 1.82 0.00	83.39 2.59 0.00	80.84 2.58 0.00	65.09 2.02 0.00	58.62 1.82 0.00	54.03 1.88 0.00	49.23 1.76 0.00
LEDERLE____ 23769	49.70 2.14 0.00	47.86 1.93 0.00	45.69 1.80 0.00	43.30 1.71 0.00	43.00 1.65 0.00	44.59 1.71 0.00	50.43 1.47 0.00	60.07 1.64 0.00	57.92 1.52 0.00	48.67 1.51 0.00	46.49 1.70 0.00	43.43 1.67 0.00	42.44 1.91 0.00	42.15 1.78 0.00	43.97 1.89 0.00	45.56 1.84 0.00	54.95 2.42 0.00	67.58 2.54 0.00	84.20 3.39 0.00	81.55 3.29 0.00	65.79 2.71 0.00	59.13 2.33 0.00	53.93 1.77 0.00	49.23 1.76 0.00
LIGHTHSE_115KV_TB6 355974	47.32 -0.24 0.00	45.75 -0.18 0.00	43.72 -0.18 0.00	41.38 -0.21 0.00	41.14 -0.21 0.00	42.70 -0.17 0.00	48.91 -0.05 0.00	58.38 -0.06 0.00	56.12 -0.28 0.00	46.88 -0.28 0.00	44.47 -0.31 0.00	41.34 -0.42 0.00	40.09 -0.45 0.00	39.89 -0.48 0.00	41.57 -0.50 0.00	43.24 -0.48 0.00	52.22 -0.32 0.00	64.84 -0.20 0.00	82.51 -0.16 -1.87	79.67 0.00 -1.41	62.89 -0.19 0.00	56.86 0.06 0.00	52.21 0.05 0.00	47.33 -0.14 0.00
LINDEN COGEN____ 23786	49.65 2.09 0.00	47.72 1.79 0.00	45.52 1.63 0.00	43.09 1.50 0.00	42.79 1.45 0.00	44.41 1.54 0.00	50.23 1.27 0.00	59.78 1.35 0.00	57.70 1.30 0.00	48.53 1.37 0.00	46.40 1.61 0.00	43.39 1.63 0.00	42.48 1.95 0.00	42.15 1.77 0.00	43.88 1.81 0.00	45.51 1.79 0.00	54.96 2.42 0.00	67.06 2.02 0.00	83.63 2.83 0.00	80.92 2.66 0.00	65.22 2.15 0.00	58.73 1.93 0.00	53.93 1.77 0.00	49.04 1.56 0.00
LINDHRST_69_KV_BK1 356055	49.12 1.57 0.00	47.45 1.52 0.00	45.39 1.49 0.00	43.30 1.71 0.00	43.04 1.70 0.00	44.55 1.67 0.00	49.79 0.83 0.00	59.07 0.64 0.01	56.95 0.56 0.01	47.91 0.75 0.00	46.31 1.52 0.00	43.14 1.38 0.00	42.20 1.66 0.00	42.15 1.78 0.00	43.85 1.77 0.00	45.60 1.88 0.00	54.42 1.89 0.01	66.79 1.76 0.01	83.38 2.59 0.01	80.60 2.35 0.01	65.21 2.14 0.01	58.55 1.76 0.01	51.54 0.78 1.40	48.71 1.23 0.00
LIPA_MISC_IPP 23656	48.13 0.57 0.00	46.71 0.78 0.00	44.60 0.70 0.00	42.71 1.12 0.00	42.42 1.07 0.00	43.95 1.07 0.00	49.16 0.20 0.00	58.25 -0.18 0.02	56.16 -0.23 0.02	46.78 -0.38 0.00	45.09 0.36 0.06	42.09 0.33 0.00	41.38 0.85 0.00	41.34 0.97 0.00	43.00 0.93 0.00	44.77 1.05 0.00	53.74 1.21 0.01	65.49 0.46 0.01	81.28 0.48 0.01	78.64 0.39 0.02	64.01 0.95 0.01	57.13 0.34 0.02	50.41 0.00 1.74	47.76 0.28 0.00
LISF____SOLAR 323691	48.21 0.67 0.01	46.76 0.83 0.00	45.03 1.14 0.00	42.75 1.16 0.00	42.46 1.12 0.00	43.99 1.11 0.00	49.25 0.30 0.01	58.36 -0.06 0.02	56.27 -0.11 0.02	46.82 -0.33 0.01	45.09 0.36 0.05	42.09 0.33 0.00	41.38 0.85 0.00	41.38 1.01 0.00	42.96 0.88 0.00	44.77 1.05 0.00	53.84 1.31 0.01	65.49 0.46 0.01	81.12 0.32 0.01	78.32 0.08 0.02	63.76 0.70 0.01	57.01 0.23 0.02	50.63 0.21 1.74	47.80 0.33 0.01
LITTLE FALLS____HYD 24013	50.12 2.57 0.00	48.46 2.53 0.00	46.35 2.46 0.00	43.88 2.29 0.00	43.62 2.27 0.00	45.23 2.36 0.00	51.56 2.60 0.00	61.59 3.16 0.00	59.33 2.93 0.00	49.71 2.55 0.00	47.29 2.51 0.00	43.97 2.21 0.00	42.72 2.19 0.00	42.51 2.14 0.00	44.22 2.15 0.00	45.95 2.23 0.00	55.38 2.84 0.00	68.36 3.32 0.00	84.92 4.12 0.00	82.33 4.07 0.00	66.17 3.09 0.00	59.75 2.95 0.00	54.87 2.71 0.00	49.90 2.42 0.00

LITTLRIV_115KV_TB1 356100	49.60 2.04 0.00	48.00 2.07 0.00	45.83 1.93 0.00	43.50 1.91 0.00	43.29 1.94 0.00	44.89 2.02 0.00	51.56 2.60 0.00	61.36 2.92 0.00	58.77 2.37 0.00	48.62 1.46 0.00	46.08 1.30 0.00	43.26 1.50 0.00	41.75 1.22 0.00	41.46 1.09 0.00	43.25 1.18 0.00	45.12 1.40 0.00	54.17 1.63 0.00	67.58 2.54 0.00	84.44 3.64 0.00	82.02 3.76 0.00	65.91 2.84 0.00	59.36 2.56 0.00	54.76 2.61 0.00	49.85 2.37 0.00
LI_NEWBRDGE___DRP 323616	48.46 0.90 0.00	46.81 0.87 0.00	44.77 0.88 0.00	42.67 1.08 0.00	42.38 1.03 0.00	43.90 1.03 0.00	49.16 0.20 0.00	58.42 0.00 0.02	56.33 -0.06 0.02	47.39 0.24 0.00	45.72 0.94 0.01	42.59 0.84 0.01	41.70 1.18 0.01	41.58 1.21 0.01	43.25 1.18 0.01	44.94 1.22 0.01	53.69 1.16 0.01	65.88 0.85 0.01	82.17 1.37 0.01	79.50 1.25 0.02	64.27 1.20 0.01	57.69 0.91 0.02	50.70 0.42 1.87	48.04 0.57 0.01
LOCKPORT_115KV_TB60_63_64 80432	46.70 -0.86 0.00	45.15 -0.78 0.00	43.10 -0.79 0.00	40.84 -0.75 0.00	40.56 -0.79 0.00	42.10 -0.77 0.00	48.37 -0.59 0.00	57.68 -0.76 0.00	56.01 -0.39 0.00	47.11 -0.05 0.00	45.14 0.36 0.00	41.68 -0.08 0.00	40.57 0.04 0.00	40.33 -0.04 0.00	42.12 0.04 0.00	42.93 -0.79 0.00	50.38 -2.15 0.00	62.57 -2.47 0.00	77.17 -3.64 0.00	74.50 -3.76 0.00	59.29 -3.78 0.00	54.19 -2.61 0.00	51.48 -0.68 0.00	46.10 -1.38 0.00
LOCKPORT___CC1 323769	46.60 -0.95 0.00	45.11 -0.83 0.00	42.97 -0.92 0.00	40.80 -0.79 0.00	40.47 -0.87 0.00	42.02 -0.86 0.00	48.32 -0.64 0.00	57.67 -0.76 0.00	56.06 -0.34 0.00	47.25 0.09 0.00	45.14 0.36 0.00	41.84 0.08 0.00	40.41 -0.12 0.00	40.29 -0.08 0.00	42.12 0.04 0.00	42.98 -0.74 0.00	49.97 -2.57 0.00	62.37 -2.67 0.00	77.09 -3.72 0.00	74.35 -3.91 0.00	59.42 -3.66 0.00	54.19 -2.61 0.00	50.22 -1.93 0.00	46.00 -1.47 0.00
LOCKPORT___CC2 323770	46.60 -0.95 0.00	45.11 -0.83 0.00	42.97 -0.92 0.00	40.80 -0.79 0.00	40.47 -0.87 0.00	42.02 -0.86 0.00	48.32 -0.64 0.00	57.67 -0.76 0.00	56.06 -0.34 0.00	47.25 0.09 0.00	45.14 0.36 0.00	41.84 0.08 0.00	40.41 -0.12 0.00	40.29 -0.08 0.00	42.12 0.04 0.00	42.98 -0.74 0.00	49.97 -2.57 0.00	62.37 -2.67 0.00	77.09 -3.72 0.00	74.35 -3.91 0.00	59.42 -3.66 0.00	54.19 -2.61 0.00	50.22 -1.93 0.00	46.00 -1.47 0.00
LOCKPORT___CC3 323771	46.60 -0.95 0.00	45.11 -0.83 0.00	42.97 -0.92 0.00	40.80 -0.79 0.00	40.47 -0.87 0.00	42.02 -0.86 0.00	48.32 -0.64 0.00	57.67 -0.76 0.00	56.06 -0.34 0.00	47.25 0.09 0.00	45.14 0.36 0.00	41.84 0.08 0.00	40.41 -0.12 0.00	40.29 -0.08 0.00	42.12 0.04 0.00	42.98 -0.74 0.00	49.97 -2.57 0.00	62.37 -2.67 0.00	77.09 -3.72 0.00	74.35 -3.91 0.00	59.42 -3.66 0.00	54.19 -2.61 0.00	50.22 -1.93 0.00	46.00 -1.47 0.00
LOCUSVLY_69_KV_BK2 55797	49.12 1.57 0.00	47.36 1.42 0.00	45.34 1.45 0.00	43.13 1.54 0.00	42.83 1.49 0.00	44.37 1.50 0.00	49.79 0.83 0.00	59.13 0.70 0.01	57.07 0.68 0.01	48.05 0.90 0.00	46.27 1.48 -0.01	43.18 1.42 -0.01	42.24 1.70 0.00	42.08 1.70 -0.01	43.81 1.73 0.00	45.47 1.75 0.00	54.42 1.89 0.00	66.79 1.76 0.00	83.38 2.59 0.00	80.60 2.35 0.01	65.15 2.08 0.00	58.50 1.70 0.01	52.38 1.10 0.87	48.67 1.19 0.00
LONG_LAKE_PHOENIX 24014	46.65 -0.90 0.00	45.01 -0.92 0.00	43.06 -0.83 0.00	40.76 -0.83 0.00	40.52 -0.83 0.00	42.02 -0.86 0.00	48.08 -0.88 0.00	57.44 -0.99 0.00	55.50 -0.90 0.00	46.45 -0.71 0.00	44.07 -0.72 0.00	41.01 -0.75 0.00	39.76 -0.77 0.00	39.61 -0.77 0.00	41.28 -0.80 0.00	42.85 -0.87 0.00	51.59 -0.95 0.00	64.00 -1.04 0.00	82.38 -1.29 -2.87	79.17 -1.25 -2.17	61.94 -1.14 0.00	55.83 -0.97 0.00	51.32 -0.83 0.00	46.57 -0.90 0.00
LOVETT___3 23632	49.46 1.90 0.00	47.63 1.70 0.00	45.47 1.58 0.00	43.09 1.50 0.00	42.79 1.45 0.00	44.37 1.50 0.00	50.19 1.22 0.00	59.78 1.34 0.00	57.64 1.24 0.00	48.43 1.27 0.00	46.31 1.52 0.00	43.22 1.46 0.00	42.28 1.74 0.00	41.99 1.61 0.00	43.80 1.73 0.00	45.38 1.66 0.00	54.69 2.15 0.00	67.12 2.08 0.00	83.71 2.91 0.00	81.00 2.74 0.00	65.41 2.33 0.00	58.79 1.99 0.00	53.67 1.51 0.00	48.99 1.52 0.00
LOVETT___4 23642	49.46 1.90 0.00	47.63 1.70 0.00	45.47 1.58 0.00	43.09 1.50 0.00	42.79 1.45 0.00	44.37 1.50 0.00	50.19 1.22 0.00	59.78 1.34 0.00	57.64 1.24 0.00	48.43 1.27 0.00	46.31 1.52 0.00	43.22 1.46 0.00	42.28 1.74 0.00	41.99 1.61 0.00	43.80 1.73 0.00	45.38 1.66 0.00	54.69 2.15 0.00	67.12 2.08 0.00	83.71 2.91 0.00	81.00 2.74 0.00	65.41 2.33 0.00	58.79 1.99 0.00	53.67 1.51 0.00	48.99 1.52 0.00
LOVETT___5 23593	49.46 1.90 0.00	47.63 1.70 0.00	45.47 1.58 0.00	43.09 1.50 0.00	42.79 1.45 0.00	44.37 1.50 0.00	50.19 1.22 0.00	59.78 1.34 0.00	57.64 1.24 0.00	48.43 1.27 0.00	46.31 1.52 0.00	43.22 1.46 0.00	42.28 1.74 0.00	41.99 1.61 0.00	43.80 1.73 0.00	45.38 1.66 0.00	54.69 2.15 0.00	67.12 2.08 0.00	83.71 2.91 0.00	81.00 2.74 0.00	65.41 2.33 0.00	58.79 1.99 0.00	53.67 1.51 0.00	48.99 1.52 0.00
LOWER RAQUET___HYD 24057	49.17 1.62 0.00	47.54 1.61 0.00	45.39 1.49 0.00	43.13 1.54 0.00	42.91 1.57 0.00	44.46 1.59 0.00	51.02 2.06 0.00	60.66 2.22 0.00	58.37 1.97 0.00	48.43 1.27 0.00	45.86 1.07 0.00	43.05 1.30 0.00	41.63 1.09 0.00	41.34 0.97 0.00	43.08 1.01 0.00	44.90 1.18 0.00	53.90 1.36 0.00	67.31 2.28 0.00	83.87 3.07 0.00	81.40 3.13 0.00	65.66 2.59 0.00	59.01 2.21 0.00	54.29 2.14 0.00	49.38 1.90 0.00
LOWER___HUDSON 24059	48.65 1.09 0.00	47.08 1.15 0.00	44.95 1.05 0.00	42.50 0.91 0.00	42.25 0.91 0.00	43.82 0.94 0.00	49.94 0.98 0.00	59.54 1.11 0.00	57.47 1.07 0.00	48.01 0.85 0.00	45.46 0.67 0.00	42.26 0.50 0.00	41.02 0.49 0.00	41.10 0.73 0.00	42.83 0.76 0.00	44.64 0.92 0.00	53.85 1.31 0.00	66.60 1.56 0.00	82.74 1.94 0.00	80.14 1.88 0.00	64.59 1.51 0.00	58.16 1.36 0.00	53.25 1.10 0.00	48.52 1.04 0.00
LOWVILLE_115KV_TB2 356335	48.89 1.33 0.00	47.31 1.38 0.00	45.25 1.36 0.00	42.84 1.25 0.00	42.63 1.28 0.00	44.20 1.33 0.00	50.68 1.71 0.00	60.48 2.05 0.00	57.81 1.41 0.00	48.01 0.85 0.00	45.55 0.76 0.00	42.34 0.58 0.00	41.10 0.57 0.00	40.90 0.52 0.00	42.54 0.46 0.00	44.33 0.61 0.00	53.75 1.21 0.00	66.86 1.82 0.00	83.95 2.67 -0.48	80.97 2.35 -0.36	64.65 1.58 0.00	58.90 2.10 0.00	54.03 1.88 0.00	49.04 1.57 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	49.17 1.62 0.00	47.54 1.61 0.00	45.43 1.54 0.00	42.96 1.37 0.00	42.71 1.36 0.00	44.25 1.37 0.00	50.43 1.47 0.00	60.13 1.69 0.00	57.92 1.52 0.00	48.24 1.08 0.00	45.64 0.85 0.00	42.38 0.63 0.00	41.10 0.57 0.00	41.10 0.73 0.00	42.83 0.76 0.00	44.73 1.01 0.00	54.06 1.52 0.00	67.32 2.28 0.00	83.71 2.91 0.00	81.00 2.74 0.00	65.35 2.27 0.00	58.67 1.87 0.00	53.72 1.56 0.00	48.95 1.47 0.00

LUTHERNY_35_KV_BK2 355980	49.22 1.66 0.00	47.54 1.61 0.00	45.43 1.54 0.00	42.96 1.37 0.00	42.75 1.41 0.00	44.25 1.37 0.00	50.43 1.47 0.00	60.19 1.75 0.00	57.98 1.58 0.00	48.24 1.08 0.00	45.64 0.85 0.00	42.43 0.67 0.00	41.10 0.57 0.00	41.14 0.77 0.00	42.87 0.80 0.00	44.73 1.01 0.00	54.11 1.58 0.00	67.38 2.34 0.00	83.79 2.99 0.00	81.08 2.82 0.00	65.41 2.33 0.00	58.67 1.87 0.00	53.77 1.62 0.00	48.95 1.47 0.00
LWR___OSWEGATCHIE_HYD 23850	48.93 1.38 0.00	47.36 1.42 0.00	45.25 1.36 0.00	42.88 1.29 0.00	42.67 1.32 0.00	44.20 1.33 0.00	50.77 1.81 0.00	60.25 1.81 0.00	57.75 1.35 0.00	47.91 0.75 0.00	45.46 0.67 0.00	42.47 0.71 0.00	41.26 0.73 0.00	40.98 0.61 0.00	42.66 0.59 0.00	44.51 0.79 0.00	53.48 0.95 0.00	66.60 1.56 0.00	83.61 2.34 -0.46	80.88 2.27 -0.35	64.72 1.64 0.00	58.73 1.93 0.00	54.03 1.88 0.00	49.14 1.66 0.00
LYONS_FALL_HYD 23570	48.74 1.19 0.00	47.17 1.24 0.00	45.12 1.23 0.00	42.71 1.12 0.00	42.46 1.12 0.00	44.07 1.20 0.00	50.48 1.52 0.00	60.25 1.81 0.00	57.75 1.35 0.00	48.05 0.89 0.00	45.63 0.85 0.00	42.39 0.63 0.00	41.18 0.65 0.00	40.94 0.56 0.00	42.58 0.51 0.00	44.38 0.66 0.00	53.69 1.15 0.00	66.67 1.63 0.00	83.44 2.34 -0.30	80.76 2.27 -0.22	64.59 1.51 0.00	58.62 1.82 0.00	53.77 1.62 0.00	48.85 1.38 0.00
MADISON___COUNTY_LFGE 323628	48.70 1.14 0.00	47.13 1.19 0.00	45.08 1.19 0.00	42.67 1.08 0.00	42.42 1.07 0.00	44.03 1.16 0.00	50.38 1.42 0.00	60.25 1.81 0.00	57.87 1.47 0.00	48.24 1.08 0.00	45.82 1.03 0.00	42.55 0.79 0.00	41.30 0.77 0.00	41.10 0.73 0.00	42.79 0.72 0.00	44.51 0.79 0.00	53.85 1.31 0.00	66.80 1.76 0.00	83.14 2.34 0.00	80.69 2.43 0.00	64.78 1.70 0.00	58.45 1.65 0.00	53.67 1.51 0.00	48.76 1.28 0.00
MALONE___115KV_TB1 356076	49.08 1.52 0.00	47.40 1.47 0.00	45.25 1.36 0.00	43.05 1.46 0.00	42.83 1.49 0.00	44.37 1.50 0.00	50.87 1.91 0.00	60.54 2.10 0.00	58.54 2.14 0.00	48.67 1.51 0.00	46.13 1.34 0.00	43.43 1.67 0.00	41.83 1.30 0.00	41.54 1.17 0.00	43.30 1.22 0.00	45.16 1.44 0.00	53.75 1.21 0.00	66.86 1.82 0.00	83.31 2.50 0.00	80.69 2.43 0.00	65.03 1.96 0.00	58.28 1.48 0.00	53.87 1.72 0.00	49.23 1.76 0.00
MAPLEWOD_115KV_TB3 80458	48.32 0.76 0.00	46.71 0.78 0.00	44.60 0.70 0.00	42.17 0.58 0.00	41.92 0.58 0.00	43.52 0.64 0.00	49.50 0.54 0.00	59.02 0.58 0.00	56.91 0.51 0.00	47.54 0.38 0.00	45.10 0.31 0.00	41.97 0.21 0.00	40.78 0.24 0.00	40.78 0.40 0.00	42.50 0.42 0.00	44.33 0.61 0.00	53.43 0.89 0.00	66.14 1.11 0.00	82.18 1.37 0.00	79.59 1.33 0.00	64.27 1.20 0.00	57.77 0.97 0.00	52.78 0.63 0.00	48.14 0.66 0.00
MAPLE_RIDGE_WT_1 323574	47.65 0.10 0.00	46.02 0.09 0.00	43.98 0.09 0.00	41.72 0.13 0.00	41.47 0.12 0.00	43.00 0.13 0.00	49.11 0.15 0.00	58.61 0.18 0.00	56.57 0.17 0.00	47.30 0.14 0.00	44.88 0.09 0.00	41.88 0.13 0.00	40.65 0.12 0.00	40.46 0.08 0.00	42.16 0.08 0.00	43.85 0.13 0.00	52.64 0.11 0.00	65.17 0.13 0.00	80.96 0.16 0.00	78.26 0.00 0.00	63.08 0.00 0.00	56.80 0.00 0.00	52.15 0.00 0.00	47.52 0.05 0.00
MAPLE_RIDGE_WT_2 323611	47.65 0.10 0.00	46.02 0.09 0.00	43.98 0.09 0.00	41.72 0.13 0.00	41.47 0.12 0.00	43.00 0.13 0.00	49.11 0.15 0.00	58.61 0.18 0.00	56.57 0.17 0.00	47.30 0.14 0.00	44.88 0.09 0.00	41.88 0.13 0.00	40.65 0.12 0.00	40.46 0.08 0.00	42.16 0.08 0.00	43.85 0.13 0.00	52.64 0.11 0.00	65.17 0.13 0.00	80.96 0.16 0.00	78.26 0.00 0.00	63.08 0.00 0.00	56.80 0.00 0.00	52.15 0.00 0.00	47.52 0.05 0.00
MARBLE_RIVER_WT_PWR 323696	48.17 0.62 0.00	46.53 0.60 0.00	44.46 0.57 0.00	42.22 0.62 0.00	42.00 0.66 0.00	43.52 0.64 0.00	49.74 0.78 0.00	59.25 0.82 0.00	57.25 0.85 0.00	47.87 0.71 0.00	45.41 0.63 0.00	42.59 0.83 0.00	41.18 0.65 0.00	40.94 0.56 0.00	42.66 0.59 0.00	44.42 0.70 0.00	53.12 0.58 0.00	66.02 0.98 0.00	82.02 1.21 0.00	79.44 1.18 0.00	64.15 1.07 0.00	57.54 0.74 0.00	52.94 0.78 0.00	48.28 0.81 0.00
MARSHVLE_115KV_TB1 80742	48.60 1.05 0.00	46.90 0.96 0.00	44.90 1.01 0.00	42.42 0.83 0.00	42.17 0.83 0.00	43.77 0.90 0.00	49.94 0.98 0.00	59.60 1.17 0.00	56.46 1.06 0.00	46.12 -1.04 0.00	43.44 -1.34 0.00	40.42 -1.34 0.00	39.28 -1.26 0.00	39.20 -1.17 0.00	40.94 -1.14 0.00	42.98 -0.74 0.00	52.70 0.16 0.00	66.40 1.37 0.00	82.98 2.18 0.00	80.45 2.19 0.00	64.72 1.64 0.00	58.22 1.42 0.00	53.30 1.15 0.00	48.33 0.85 0.00
MARSH_HILL_WT_PWR 323713	47.89 0.34 0.00	46.26 0.32 0.00	44.11 0.22 0.00	41.88 0.29 0.00	41.59 0.25 0.00	43.18 0.30 0.00	49.60 0.63 0.00	59.60 1.17 0.00	57.70 1.30 0.00	48.24 1.09 0.00	45.68 0.90 0.00	42.30 0.54 0.00	40.94 0.41 0.00	40.78 0.40 0.00	42.54 0.46 0.00	43.85 0.13 0.00	52.01 -0.53 0.00	65.17 0.13 0.00	80.80 0.00 0.00	78.03 -0.23 0.00	62.32 -0.75 0.00	56.29 -0.51 0.00	51.89 -0.26 0.00	47.29 -0.19 0.00
MCINTYRE_115KV_TB2 80467	49.74 2.19 0.00	48.14 2.20 0.00	45.96 2.06 0.00	43.63 2.04 0.00	43.41 2.07 0.00	45.02 2.14 0.00	51.70 2.74 0.00	61.53 3.10 0.00	58.88 2.48 0.00	48.62 1.46 0.00	46.04 1.25 0.00	43.26 1.50 0.00	41.71 1.18 0.00	41.46 1.09 0.00	43.25 1.18 0.00	45.16 1.44 0.00	54.22 1.68 0.00	67.71 2.67 0.00	84.68 3.88 0.00	82.33 4.07 0.00	66.17 3.09 0.00	59.53 2.73 0.00	54.92 2.76 0.00	49.99 2.52 0.00
MECO_____69_KV_BK1 80468	49.60 2.04 0.00	47.86 1.93 0.00	45.78 1.89 0.00	43.25 1.66 0.00	43.00 1.65 0.00	44.63 1.76 0.00	50.92 1.96 0.00	60.77 2.34 0.00	57.64 1.24 0.00	47.11 -0.05 0.00	44.25 -0.54 0.00	41.09 -0.67 0.00	39.84 -0.69 0.00	39.81 -0.57 0.00	41.65 -0.42 0.00	43.76 0.04 0.00	53.75 1.21 0.00	67.97 2.93 0.00	84.84 4.04 0.00	82.17 3.91 0.00	66.17 3.09 0.00	59.36 2.56 0.00	54.34 2.19 0.00	49.28 1.80 0.00
MENANDS___115KV_TB5 355628	48.08 0.52 0.00	46.53 0.60 0.00	44.38 0.48 0.00	42.01 0.42 0.00	41.76 0.41 0.00	43.35 0.47 0.00	49.31 0.34 0.00	58.73 0.29 0.00	56.68 0.28 0.00	47.35 0.19 0.00	44.96 0.18 0.00	41.84 0.08 0.00	40.65 0.12 0.00	40.66 0.28 0.00	42.41 0.34 0.00	44.16 0.44 0.00	53.22 0.68 0.00	65.82 0.78 0.00	81.77 0.97 0.00	79.20 0.94 0.00	63.96 0.88 0.00	57.48 0.68 0.00	52.52 0.37 0.00	47.90 0.43 0.00
MG INDUSTRY___DRP 24185	48.27 0.71 0.00	46.67 0.73 0.00	44.60 0.70 0.00	42.21 0.62 0.00	41.96 0.62 0.00	43.52 0.64 0.00	49.45 0.49 0.00	58.90 0.47 0.00	56.80 0.39 0.00	47.35 0.19 0.00	44.92 0.13 0.00	41.80 0.04 0.00	40.61 0.08 0.00	40.54 0.16 0.00	42.29 0.21 0.00	44.07 0.35 0.00	53.17 0.63 0.00	65.88 0.85 0.00	81.85 1.05 0.00	79.28 1.02 0.00	64.09 1.01 0.00	57.60 0.80 0.00	52.67 0.52 0.00	48.04 0.57 0.00

MID___OSWEGATCHIE_HYD 23849	48.93 1.38 0.00	47.36 1.42 0.00	45.25 1.36 0.00	42.88 1.29 0.00	42.67 1.32 0.00	44.20 1.33 0.00	50.77 1.81 0.00	60.25 1.81 0.00	57.75 1.35 0.00	47.91 0.75 0.00	45.46 0.67 0.00	42.47 0.71 0.00	41.26 0.73 0.00	40.98 0.61 0.00	42.66 0.59 0.00	44.51 0.79 0.00	53.48 0.95 0.00	66.60 1.56 0.00	83.61 2.34 -0.46	80.88 2.27 -0.35	64.72 1.64 0.00	58.73 1.93 0.00	54.03 1.88 0.00	49.14 1.66 0.00
MID___RAQUETTE_HYD 23851	49.17 1.62 0.00	47.54 1.61 0.00	45.39 1.49 0.00	43.13 1.54 0.00	42.92 1.57 0.00	44.46 1.59 0.00	51.02 2.06 0.00	60.66 2.22 0.00	58.37 1.97 0.00	48.43 1.27 0.00	45.86 1.07 0.00	43.05 1.29 0.00	41.63 1.09 0.00	41.34 0.97 0.00	43.09 1.01 0.00	44.90 1.18 0.00	53.80 1.26 0.00	66.99 1.95 0.00	83.55 2.75 0.00	81.08 2.82 0.00	65.22 2.14 0.00	58.79 1.99 0.00	54.19 2.03 0.00	49.37 1.90 0.00
MILLIKEN___1 23584	48.17 0.62 0.00	46.53 0.60 0.00	44.46 0.57 0.00	42.13 0.54 0.00	41.88 0.54 0.00	43.43 0.56 0.00	49.75 0.78 0.00	59.60 1.17 0.00	57.42 1.02 0.00	47.91 0.75 0.00	45.37 0.58 0.00	42.18 0.42 0.00	40.86 0.32 0.00	40.70 0.32 0.00	42.41 0.34 0.00	44.07 0.35 0.00	53.12 0.58 0.00	66.14 1.11 0.00	82.67 1.54 -0.33	80.16 1.64 -0.25	64.09 1.01 0.00	57.71 0.91 0.00	53.04 0.89 0.00	48.14 0.66 0.00
MILLIKEN___2 23585	48.17 0.62 0.00	46.53 0.60 0.00	44.46 0.57 0.00	42.13 0.54 0.00	41.88 0.54 0.00	43.43 0.56 0.00	49.75 0.78 0.00	59.60 1.17 0.00	57.42 1.02 0.00	47.91 0.75 0.00	45.37 0.58 0.00	42.18 0.42 0.00	40.86 0.32 0.00	40.70 0.32 0.00	42.41 0.34 0.00	44.07 0.35 0.00	53.12 0.58 0.00	66.14 1.11 0.00	82.67 1.54 -0.33	80.16 1.64 -0.25	64.09 1.01 0.00	57.71 0.91 0.00	53.04 0.89 0.00	48.14 0.66 0.00
MILLIKEN___DIESEL 23629	48.17 0.62 0.00	46.53 0.60 0.00	44.46 0.57 0.00	42.13 0.54 0.00	41.88 0.54 0.00	43.43 0.56 0.00	49.75 0.78 0.00	59.60 1.17 0.00	57.42 1.02 0.00	47.91 0.75 0.00	45.37 0.58 0.00	42.18 0.42 0.00	40.86 0.32 0.00	40.70 0.32 0.00	42.41 0.34 0.00	44.07 0.35 0.00	53.12 0.58 0.00	66.14 1.11 0.00	82.67 1.54 -0.33	80.16 1.64 -0.25	64.09 1.01 0.00	57.71 0.91 0.00	53.04 0.89 0.00	48.14 0.66 0.00
MILLSEAT___LFGE 323607	47.37 -0.19 0.00	45.79 -0.14 0.00	43.59 -0.31 0.00	41.38 -0.21 0.00	41.06 -0.29 0.00	42.66 -0.21 0.00	49.11 0.15 0.00	58.67 0.23 0.00	56.91 0.51 0.00	47.87 0.71 0.00	45.63 0.85 0.00	42.30 0.54 0.00	40.86 0.32 0.00	40.70 0.32 0.00	42.50 0.42 0.00	43.42 -0.30 0.00	50.75 -1.79 0.00	63.61 -1.43 0.00	78.95 -1.86 0.00	76.07 -2.19 0.00	60.68 -2.40 0.00	55.32 -1.48 0.00	51.11 -1.04 0.00	46.76 -0.71 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	49.46 1.90 0.00	47.68 1.75 0.00	45.52 1.62 0.00	43.13 1.54 0.00	42.83 1.49 0.00	44.42 1.54 0.00	50.24 1.27 0.00	59.78 1.34 0.00	57.64 1.24 0.00	48.43 1.27 0.00	46.31 1.52 0.00	43.26 1.50 0.00	42.32 1.78 0.00	41.99 1.61 0.00	43.84 1.77 0.00	45.43 1.71 0.00	54.74 2.21 0.00	67.19 2.15 0.00	83.71 2.91 0.00	81.00 2.74 0.00	65.47 2.40 0.00	58.85 2.04 0.00	53.72 1.56 0.00	48.99 1.52 0.00
MILLWOOD_13_KV_LOAD 356217	49.55 2.00 0.00	47.77 1.84 0.00	45.61 1.71 0.00	43.21 1.62 0.00	42.92 1.57 0.00	44.50 1.63 0.00	50.33 1.37 0.00	59.84 1.40 0.00	57.75 1.35 0.00	48.53 1.37 0.00	46.40 1.61 0.00	43.35 1.59 0.00	42.40 1.86 0.00	42.07 1.70 0.00	43.93 1.85 0.00	45.51 1.79 0.00	54.85 2.31 0.00	67.38 2.34 0.00	83.95 3.15 0.00	81.24 2.97 0.00	65.60 2.52 0.00	58.96 2.16 0.00	53.82 1.67 0.00	49.09 1.61 0.00
MODEL_CITY_ENERGY 24167	46.41 -1.14 0.00	44.92 -1.01 0.00	42.80 -1.10 0.00	40.68 -0.92 0.00	40.35 -0.99 0.00	41.89 -0.98 0.00	48.13 -0.83 0.00	57.21 -1.23 0.00	55.50 -0.90 0.00	46.88 -0.28 0.00	44.83 0.04 0.00	41.59 -0.17 0.00	40.05 -0.48 0.00	40.05 -0.32 0.00	41.82 -0.25 0.00	42.63 -1.09 0.00	49.49 -3.05 0.00	61.65 -3.38 0.00	76.20 -4.60 0.00	73.48 -4.78 0.00	58.78 -4.29 0.00	53.62 -3.18 0.00	49.70 -2.45 0.00	45.81 -1.66 0.00
MODERN_LFGE___ 323580	46.41 -1.14 0.00	44.92 -1.01 0.00	42.80 -1.10 0.00	40.68 -0.92 0.00	40.35 -0.99 0.00	41.89 -0.98 0.00	48.13 -0.83 0.00	57.21 -1.23 0.00	55.50 -0.90 0.00	46.88 -0.28 0.00	44.83 0.04 0.00	41.59 -0.17 0.00	40.05 -0.48 0.00	40.05 -0.32 0.00	41.82 -0.25 0.00	42.63 -1.09 0.00	49.49 -3.05 0.00	61.65 -3.38 0.00	76.20 -4.60 0.00	73.48 -4.78 0.00	58.78 -4.29 0.00	53.62 -3.18 0.00	49.70 -2.45 0.00	45.81 -1.66 0.00
MOHAWK_PAPER___DRP 24187	48.32 0.76 0.00	46.71 0.78 0.00	44.60 0.70 0.00	42.17 0.58 0.00	41.92 0.58 0.00	43.52 0.64 0.00	49.50 0.54 0.00	59.02 0.58 0.00	56.91 0.51 0.00	47.54 0.38 0.00	45.10 0.31 0.00	41.97 0.21 0.00	40.78 0.24 0.00	40.78 0.40 0.00	42.50 0.42 0.00	44.33 0.61 0.00	53.43 0.89 0.00	66.14 1.11 0.00	82.18 1.37 0.00	79.59 1.33 0.00	64.27 1.20 0.00	57.77 0.97 0.00	52.78 0.63 0.00	48.14 0.66 0.00
MOHICAN___35_KV_115KV_LD 80490	49.22 1.66 0.00	47.49 1.56 0.00	45.43 1.54 0.00	43.01 1.41 0.00	42.75 1.41 0.00	44.20 1.33 0.00	50.33 1.37 0.00	60.07 1.64 0.00	57.87 1.47 0.00	48.01 0.85 0.00	45.37 0.58 0.00	42.13 0.38 0.00	40.78 0.24 0.00	40.82 0.44 0.00	42.54 0.46 0.00	44.42 0.70 0.00	53.85 1.31 0.00	67.32 2.28 0.00	83.79 2.99 0.00	81.08 2.82 0.00	65.41 2.33 0.00	58.56 1.76 0.00	53.72 1.56 0.00	48.85 1.38 0.00
MONGAUP___HYD 23641	49.79 2.24 0.00	47.91 1.97 0.00	45.78 1.89 0.00	43.38 1.79 0.00	43.12 1.78 0.00	44.63 1.76 0.00	50.58 1.61 0.00	60.19 1.75 0.00	58.04 1.64 0.00	48.43 1.27 0.00	46.18 1.39 0.00	43.01 1.25 0.00	41.99 1.46 0.00	41.75 1.37 0.00	43.51 1.43 0.00	45.21 1.49 0.00	54.74 2.21 0.00	67.51 2.47 0.00	84.44 3.64 0.00	81.79 3.52 0.00	65.79 2.71 0.00	59.19 2.39 0.00	54.19 2.03 0.00	49.28 1.80 0.00
MONTAUK___DIESEL 23721	49.46 1.90 0.00	48.00 2.07 0.00	45.74 1.84 0.00	43.88 2.29 0.00	43.62 2.27 0.00	45.10 2.23 0.00	50.63 1.66 0.00	60.12 1.69 0.02	57.96 1.58 0.02	48.05 0.90 0.00	46.34 1.61 0.06	43.22 1.46 0.00	42.48 1.95 0.00	42.43 2.06 0.00	44.09 2.02 0.00	45.86 2.14 0.00	55.37 2.84 0.01	67.63 2.60 0.01	84.03 3.23 0.01	81.22 2.97 0.02	65.97 2.90 0.01	58.89 2.10 0.02	51.87 1.46 1.74	48.99 1.52 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	47.70 0.14 0.00	46.02 0.09 0.00	43.94 0.04 0.00	41.63 0.04 0.00	41.26 -0.08 0.00	42.87 0.00 0.00	49.31 0.34 0.00	59.49 1.05 0.00	57.81 1.41 0.00	48.72 1.56 0.00	46.44 1.66 0.00	43.05 1.29 0.00	41.75 1.22 0.00	41.46 1.09 0.00	43.21 1.14 0.00	44.20 0.48 0.00	51.91 -0.63 0.00	64.91 -0.13 0.00	79.99 -0.81 0.00	77.17 -1.10 0.00	61.25 -1.83 0.00	55.66 -1.14 0.00	52.47 0.31 0.00	46.67 -0.81 0.00

MORRIS_RIDGE___SOLAR 323848	47.22 -0.33 0.00	45.61 -0.32 0.00	43.50 -0.40 0.00	41.34 -0.25 0.00	41.06 -0.29 0.00	42.62 -0.26 0.00	48.91 -0.05 0.00	58.67 0.23 0.00	56.85 0.45 0.00	47.63 0.47 0.00	45.19 0.40 0.00	41.84 0.08 0.00	40.53 0.00 0.00	40.33 -0.04 0.00	42.12 0.04 0.00	43.33 -0.39 0.00	51.17 -1.37 0.00	64.00 -1.04 0.00	79.35 -1.45 0.00	76.54 -1.72 0.00	61.19 -1.89 0.00	55.38 -1.42 0.00	51.16 -0.99 0.00	46.62 -0.85 0.00
MORTIMER_115KV_TB3 55949	47.13 -0.43 0.00	45.43 -0.51 0.00	43.37 -0.53 0.00	41.09 -0.50 0.00	40.81 -0.54 0.00	42.36 -0.51 0.00	48.67 -0.29 0.00	58.44 0.00 0.00	56.68 0.28 0.00	47.49 0.33 0.00	45.10 0.31 0.00	41.97 0.21 0.00	40.69 0.16 0.00	40.41 0.04 0.00	42.16 0.08 0.00	43.46 -0.26 0.00	51.80 -0.74 0.00	64.52 -0.52 0.00	80.16 -0.65 0.00	77.40 -0.86 0.00	61.81 -1.26 0.00	56.12 -0.68 0.00	52.10 -0.05 0.00	46.76 -0.71 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	49.79 2.24 0.00	47.91 1.98 0.00	45.74 1.84 0.00	43.30 1.71 0.00	43.04 1.70 0.00	44.63 1.76 0.00	50.48 1.52 0.00	60.07 1.64 0.00	57.92 1.52 0.00	48.72 1.56 0.00	46.58 1.79 0.00	43.55 1.80 0.00	42.60 2.07 0.00	42.27 1.90 0.00	44.14 2.06 0.00	45.69 1.97 0.00	55.11 2.57 0.00	67.51 2.47 0.00	84.20 3.39 0.00	81.47 3.21 0.00	65.79 2.71 0.00	59.13 2.33 0.00	53.98 1.83 0.00	49.28 1.80 0.00
MUNSVILLE_WIND_PWR 323609	50.64 3.09 0.00	49.10 3.17 0.00	46.97 3.07 0.00	44.46 2.87 0.00	44.19 2.85 0.00	46.00 3.13 0.00	52.83 3.87 0.00	63.52 5.08 0.00	60.74 4.34 0.00	50.46 3.30 0.00	47.92 3.13 0.00	44.18 2.42 0.00	42.80 2.27 0.00	42.47 2.10 0.00	44.01 1.94 0.00	45.91 2.19 0.00	55.85 3.31 0.00	69.52 4.48 0.00	86.86 6.06 0.00	84.75 6.49 0.00	67.62 4.54 0.00	60.94 4.14 0.00	55.86 3.70 0.00	50.75 3.27 0.00
N SALMON___HYD 24042	49.08 1.52 0.00	47.40 1.47 0.00	45.26 1.36 0.00	43.05 1.45 0.00	42.83 1.49 0.00	44.37 1.50 0.00	50.87 1.91 0.00	60.54 2.10 0.00	58.54 2.14 0.00	48.67 1.51 0.00	46.13 1.34 0.00	43.43 1.67 0.00	41.83 1.30 0.00	41.55 1.17 0.00	43.30 1.22 0.00	45.16 1.44 0.00	54.01 1.47 0.00	67.45 2.41 0.00	83.95 3.15 0.00	81.31 3.05 0.00	65.72 2.65 0.00	58.73 1.93 0.00	54.08 1.93 0.00	49.23 1.76 0.00
N.AKRON__115KV_KNAPP 355671	47.32 -0.24 0.00	45.70 -0.23 0.00	43.63 -0.26 0.00	41.34 -0.25 0.00	41.01 -0.33 0.00	42.57 -0.30 0.00	49.01 0.05 0.00	58.55 0.12 0.00	56.85 0.45 0.00	47.72 0.57 0.00	45.59 0.81 0.00	42.09 0.33 0.00	40.98 0.45 0.00	40.70 0.32 0.00	42.45 0.38 0.00	43.42 -0.31 0.00	51.12 -1.42 0.00	63.67 -1.37 0.00	78.86 -1.94 0.00	76.15 -2.11 0.00	60.49 -2.59 0.00	55.27 -1.53 0.00	52.21 0.05 0.00	46.72 -0.76 0.00
N.E_GEN_SANDY PD 24062	48.60 1.04 0.00	47.20 1.24 -0.03	44.90 1.01 0.00	42.47 0.87 0.00	42.21 0.87 0.00	43.82 0.94 0.00	68.12 1.03 -18.13	85.00 1.17 -25.40	73.20 1.13 -15.67	52.20 0.94 -4.10	45.50 0.71 0.00	42.30 0.54 0.00	41.10 0.57 0.00	41.26 0.89 0.00	43.00 0.92 0.00	47.70 1.09 -2.89	69.90 1.47 -15.89	85.30 1.56 -18.70	89.60 1.94 -6.86	81.85 1.88 -1.71	74.90 1.51 -10.31	66.00 1.42 -7.78	53.25 1.10 0.00	51.00 1.14 -2.39
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	49.50 1.95 0.00	47.72 1.79 0.00	45.52 1.62 0.00	43.17 1.58 0.00	42.87 1.53 0.00	44.46 1.59 0.00	50.28 1.32 0.00	59.84 1.40 0.00	57.75 1.35 0.00	48.48 1.32 0.00	46.35 1.57 0.00	43.30 1.55 0.00	42.32 1.78 0.00	42.03 1.66 0.00	43.84 1.77 0.00	45.43 1.71 0.00	54.74 2.21 0.00	67.25 2.21 0.00	83.87 3.07 0.00	81.16 2.90 0.00	65.54 2.46 0.00	58.90 2.10 0.00	53.72 1.56 0.00	49.04 1.57 0.00
N.QUEENS_27_KV_LOAD 356247	49.85 2.28 -0.01	48.01 2.07 -0.01	45.79 1.89 -0.01	43.39 1.79 -0.01	43.09 1.74 -0.01	44.64 1.76 -0.01	50.48 1.52 0.00	59.90 1.46 0.00	57.87 1.47 0.00	48.72 1.56 0.00	46.62 1.84 0.00	43.64 1.88 0.00	42.71 2.19 0.01	42.35 1.98 0.00	44.26 2.19 0.01	45.78 2.05 0.00	55.22 2.68 0.00	67.45 2.41 0.00	84.11 3.31 0.00	81.39 3.13 0.00	65.72 2.65 0.00	59.13 2.33 0.00	54.09 1.93 -0.01	49.24 1.76 -0.01
N.TROY___115KV_TB1 355778	48.65 1.09 0.00	47.08 1.15 0.00	44.95 1.05 0.00	42.51 0.92 0.00	42.25 0.91 0.00	43.82 0.94 0.00	49.94 0.98 0.00	59.55 1.11 0.00	57.47 1.07 0.00	47.96 0.80 0.00	45.46 0.67 0.00	42.26 0.50 0.00	41.02 0.49 0.00	41.10 0.73 0.00	42.79 0.72 0.00	44.64 0.92 0.00	53.85 1.31 0.00	66.73 1.69 0.00	82.90 2.10 0.00	80.22 1.96 0.00	64.78 1.70 0.00	58.22 1.42 0.00	53.20 1.04 0.00	48.52 1.04 0.00
NARROWS_GT1_1 24228	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
NARROWS_GT1_2 24229	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
NARROWS_GT1_3 24230	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
NARROWS_GT1_4 24231	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
NARROWS_GT1_5 24232	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01

NARROWS_GT1_6 24233	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
NARROWS_GT1_7 24234	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
NARROWS_GT1_8 24235	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
NARROWS_GT2_1 24236	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
NARROWS_GT2_2 24237	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
NARROWS_GT2_3 24238	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
NARROWS_GT2_4 24239	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
NARROWS_GT2_5 24240	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
NARROWS_GT2_6 24241	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
NARROWS_GT2_7 24242	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
NARROWS_GT2_8 24243	50.27 2.71 -0.01	48.42 2.48 -0.01	46.23 2.32 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.54 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.67 2.30 0.00	44.52 2.44 -0.01	46.17 2.45 0.00	55.75 3.21 -0.01	67.97 2.93 0.00	84.77 3.96 -0.01	82.03 3.76 -0.01	66.11 3.03 -0.01	59.53 2.73 -0.01	54.77 2.61 -0.01	49.81 2.33 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	48.79 1.24 0.00	47.03 1.10 0.00	44.95 1.05 0.00	42.55 0.96 0.00	42.29 0.95 0.00	43.77 0.90 0.00	49.84 0.88 0.00	59.37 0.93 0.00	57.13 0.73 0.00	47.35 0.19 0.00	44.88 0.09 0.00	41.63 -0.13 0.00	40.45 -0.08 0.00	40.45 0.08 0.00	42.20 0.13 0.00	44.03 0.31 0.00	53.48 0.95 0.00	66.67 1.63 0.00	83.23 2.42 0.00	80.53 2.27 0.00	64.90 1.83 0.00	58.22 1.42 0.00	53.14 0.99 0.00	48.42 0.95 0.00
NCHELSEA_115KV_TR2 355582	49.74 2.19 0.00	47.86 1.93 0.00	45.74 1.84 0.00	43.34 1.75 0.00	43.08 1.74 0.00	44.59 1.71 0.00	50.53 1.57 0.00	60.07 1.64 0.00	58.04 1.64 0.00	48.57 1.41 0.00	46.44 1.66 0.00	43.30 1.55 0.00	42.28 1.74 0.00	41.99 1.61 0.00	43.84 1.77 0.00	45.43 1.71 0.00	54.90 2.36 0.00	67.64 2.60 0.00	84.44 3.64 0.00	81.70 3.44 0.00	65.91 2.84 0.00	59.24 2.44 0.00	54.03 1.88 0.00	49.23 1.76 0.00
NEG CAPITAL___MECHNVIL 23645	49.26 1.71 0.00	47.63 1.70 0.00	45.47 1.58 0.00	43.01 1.41 0.00	42.75 1.41 0.00	44.29 1.41 0.00	50.53 1.57 0.00	60.25 1.81 0.00	58.09 1.69 0.00	48.34 1.18 0.00	45.73 0.94 0.00	42.51 0.75 0.00	41.22 0.69 0.00	41.26 0.89 0.00	43.00 0.92 0.00	44.86 1.13 0.00	54.22 1.68 0.00	67.38 2.34 0.00	83.71 2.90 0.00	81.16 2.90 0.00	65.34 2.27 0.00	58.73 1.93 0.00	53.87 1.72 0.00	49.04 1.56 0.00
NEG CENTRAL_HIGH_ACRES 23767	46.17 -1.38 0.00	44.56 -1.38 0.00	42.49 -1.41 0.00	40.26 -1.33 0.00	40.02 -1.32 0.00	41.54 -1.33 0.00	47.69 -1.27 0.00	57.27 -1.17 0.00	55.50 -0.90 0.00	46.50 -0.66 0.00	44.12 -0.67 0.00	41.05 -0.71 0.00	39.80 -0.73 0.00	39.52 -0.85 0.00	41.19 -0.89 0.00	42.54 -1.18 0.00	50.70 -1.84 0.00	63.29 -1.75 0.00	79.01 -2.10 -0.31	76.30 -2.19 -0.23	60.87 -2.21 0.00	55.10 -1.70 0.00	50.59 -1.56 0.00	45.91 -1.57 0.00

NEG CENTRAL___DRP 24199	47.60 0.05 0.00	45.89 -0.05 0.00	43.85 -0.04 0.00	41.55 -0.04 0.00	41.30 -0.04 0.00	42.87 0.00 0.00	49.16 0.20 0.00	58.79 0.35 0.00	56.80 0.39 0.00	47.58 0.42 0.00	45.05 0.27 0.00	41.84 0.08 0.00	40.57 0.04 0.00	40.41 0.04 0.00	42.12 0.04 0.00	43.63 -0.09 0.00	52.33 -0.21 0.00	65.23 0.20 0.00	81.70 0.16 -0.74	79.13 0.31 -0.56	62.95 -0.13 0.00	56.74 -0.06 0.00	52.31 0.16 0.00	47.43 -0.05 0.00
NEG CENTRAL___INDECK 23768	48.79 1.23 0.00	46.99 1.06 0.00	44.82 0.92 0.00	42.50 0.91 0.00	42.21 0.87 0.00	43.82 0.94 0.00	50.53 1.57 0.00	60.71 2.28 0.00	58.66 2.26 0.00	48.71 1.55 0.00	46.04 1.25 0.00	42.64 0.88 0.00	41.26 0.73 0.00	41.10 0.73 0.00	42.92 0.84 0.00	44.29 0.57 0.00	52.75 0.21 0.00	66.47 1.43 0.00	83.15 2.34 0.00	80.29 2.03 0.00	63.96 0.88 0.00	57.99 1.19 0.00	53.25 1.10 0.00	48.33 0.86 0.00
NEG CENTRAL___SENECA 23627	47.84 0.29 0.00	46.12 0.18 0.00	44.07 0.18 0.00	41.76 0.17 0.00	41.51 0.17 0.00	43.09 0.21 0.00	49.45 0.49 0.00	59.14 0.70 0.00	57.13 0.73 0.00	47.96 0.80 0.00	45.37 0.58 0.00	42.13 0.38 0.00	40.82 0.28 0.00	40.62 0.24 0.00	42.33 0.25 0.00	43.85 0.13 0.00	52.43 -0.11 0.00	65.49 0.46 0.00	81.56 0.32 -0.43	79.14 0.55 -0.33	63.08 0.00 0.00	56.91 0.11 0.00	52.52 0.37 0.00	47.62 0.14 0.00
NEG CENTRAL___STATE_STREET 24147	47.46 -0.10 0.00	45.79 -0.14 0.00	43.76 -0.13 0.00	41.47 -0.12 0.00	41.22 -0.12 0.00	42.74 -0.13 0.00	49.01 0.05 0.00	58.67 0.23 0.00	56.63 0.23 0.00	47.35 0.19 0.00	44.83 0.04 0.00	41.72 -0.04 0.00	40.45 -0.08 0.00	40.29 -0.08 0.00	41.99 -0.08 0.00	43.59 -0.13 0.00	52.43 -0.11 0.00	65.36 0.33 0.00	82.12 0.40 -0.91	79.42 0.47 -0.69	63.14 0.06 0.00	56.91 0.11 0.00	52.31 0.16 0.00	47.43 -0.05 0.00
NEG MILLWOOD___DRP 24198	49.84 2.28 0.00	47.95 2.02 0.00	45.87 1.98 0.00	43.42 1.83 0.00	43.16 1.82 0.00	44.72 1.84 0.00	50.63 1.66 0.00	60.13 1.69 0.00	58.09 1.69 0.00	48.72 1.56 0.00	46.53 1.75 0.00	43.47 1.71 0.00	42.52 1.99 0.00	42.15 1.78 0.00	44.10 2.02 0.00	45.64 1.92 0.00	55.11 2.57 0.00	67.90 2.86 0.00	84.52 3.72 0.00	81.78 3.52 0.00	66.04 2.96 0.00	59.36 2.56 0.00	54.19 2.03 0.00	49.33 1.85 0.00
NEG NORTH_FLCN_SEA 23793	48.41 0.86 0.00	46.76 0.83 0.00	44.64 0.75 0.00	42.42 0.83 0.00	42.21 0.87 0.00	43.73 0.86 0.00	49.79 0.83 0.00	59.31 0.88 0.00	57.30 0.90 0.00	48.10 0.94 0.00	45.64 0.85 0.00	42.89 1.13 0.00	41.38 0.85 0.00	41.10 0.73 0.00	42.87 0.80 0.00	44.64 0.92 0.00	52.43 -0.11 0.00	64.65 -0.39 0.00	80.40 -0.40 0.00	77.87 -0.39 0.00	62.82 -0.25 0.00	56.35 -0.45 0.00	52.36 0.21 0.00	48.57 1.09 0.00
NEG NORTH_KES_CHATEGAY 23792	48.32 0.76 0.00	46.67 0.73 0.00	44.60 0.70 0.00	42.34 0.75 0.00	42.13 0.79 0.00	43.65 0.77 0.00	49.94 0.98 0.00	59.49 1.05 0.00	57.47 1.07 0.00	47.96 0.80 0.00	45.46 0.67 0.00	42.68 0.92 0.00	41.22 0.69 0.00	40.98 0.61 0.00	42.71 0.63 0.00	44.51 0.79 0.00	52.96 0.42 0.00	65.62 0.59 0.00	81.69 0.89 0.00	79.12 0.86 0.00	63.77 0.69 0.00	57.25 0.45 0.00	52.88 0.73 0.00	48.47 1.00 0.00
NEG NORTH___ALICE_FALLS 23915	48.70 1.14 0.00	47.03 1.10 0.00	44.90 1.01 0.00	42.67 1.08 0.00	42.46 1.12 0.00	43.99 1.11 0.00	50.24 1.27 0.00	59.84 1.40 0.00	57.81 1.41 0.00	48.34 1.18 0.00	45.82 1.03 0.00	43.09 1.34 0.00	41.55 1.01 0.00	41.30 0.93 0.00	43.09 1.01 0.00	44.90 1.18 0.00	53.06 0.53 0.00	65.75 0.72 0.00	81.77 0.97 0.00	79.20 0.94 0.00	63.83 0.76 0.00	57.20 0.40 0.00	53.04 0.89 0.00	48.85 1.38 0.00
NEG NORTH___LWR_SARANAC 23913	48.70 1.14 0.00	47.03 1.10 0.00	44.90 1.01 0.00	42.67 1.08 0.00	42.46 1.12 0.00	43.99 1.11 0.00	50.24 1.27 0.00	59.84 1.40 0.00	57.81 1.41 0.00	48.34 1.18 0.00	45.82 1.03 0.00	43.09 1.34 0.00	41.55 1.01 0.00	41.30 0.93 0.00	43.09 1.01 0.00	44.90 1.18 0.00	53.06 0.53 0.00	65.75 0.72 0.00	81.77 0.97 0.00	79.20 0.94 0.00	63.83 0.76 0.00	57.20 0.40 0.00	53.04 0.89 0.00	48.85 1.38 0.00
NEG NORTH___PLATTSBURG 23628	48.69 1.14 0.00	47.03 1.10 0.00	44.90 1.01 0.00	42.67 1.08 0.00	42.46 1.12 0.00	43.99 1.11 0.00	50.23 1.27 0.00	59.84 1.40 0.00	57.81 1.41 0.00	48.34 1.18 0.00	45.82 1.03 0.00	43.09 1.34 0.00	41.55 1.01 0.00	41.30 0.93 0.00	43.08 1.01 0.00	44.90 1.18 0.00	53.53 1.00 0.00	66.80 1.76 0.00	82.98 2.18 0.00	80.38 2.11 0.00	64.97 1.89 0.00	58.11 1.31 0.00	53.46 1.30 0.00	48.85 1.38 0.00
NEG WEST_LEA_LOCKPORT 23791	46.60 -0.95 0.00	45.11 -0.83 0.00	43.02 -0.88 0.00	40.80 -0.79 0.00	40.48 -0.87 0.00	42.02 -0.86 0.00	48.33 -0.64 0.00	57.68 -0.76 0.00	56.06 -0.34 0.00	47.16 0.00 0.00	45.14 0.36 0.00	41.68 -0.08 0.00	40.57 0.04 0.00	40.33 -0.04 0.00	42.12 0.04 0.00	42.98 -0.74 0.00	50.44 -2.10 0.00	62.57 -2.47 0.00	77.17 -3.64 0.00	74.50 -3.76 0.00	59.29 -3.78 0.00	54.24 -2.56 0.00	51.42 -0.73 0.00	46.00 -1.47 0.00
NEG WEST___LANCASTR 23811	46.18 -1.38 0.00	44.65 -1.29 0.00	42.62 -1.27 0.00	40.43 -1.16 0.00	40.10 -1.24 0.00	41.63 -1.24 0.00	47.79 -1.18 0.00	57.33 -1.11 0.00	55.67 -0.73 0.00	46.83 -0.33 0.00	44.65 -0.13 0.00	41.38 -0.38 0.00	40.13 -0.41 0.00	39.89 -0.48 0.00	41.61 -0.46 0.00	42.63 -1.09 0.00	50.17 -2.36 0.00	62.57 -2.47 0.00	77.17 -3.64 0.00	74.58 -3.68 0.00	59.42 -3.66 0.00	54.02 -2.78 0.00	50.85 -1.30 0.00	45.62 -1.85 0.00
NEG_PENN_ALLEGHNY 23528	47.93 0.38 0.00	46.26 0.32 0.00	44.20 0.31 0.00	41.92 0.33 0.00	41.67 0.33 0.00	43.22 0.34 0.00	49.35 0.39 0.00	59.14 0.70 0.00	57.13 0.73 0.00	47.82 0.66 0.00	45.41 0.63 0.00	42.22 0.46 0.00	40.98 0.45 0.00	40.78 0.40 0.00	42.50 0.42 0.00	44.03 0.31 0.00	52.70 0.16 0.00	65.37 0.33 0.00	81.21 0.41 0.00	78.65 0.39 0.00	63.20 0.13 0.00	56.97 0.17 0.00	52.36 0.21 0.00	47.67 0.19 0.00
NEG___GEN_MONROE 24207	47.36 -0.19 0.00	45.70 -0.23 0.00	43.63 -0.26 0.00	41.30 -0.29 0.00	41.01 -0.33 0.00	42.57 -0.30 0.00	48.91 -0.05 0.00	58.67 0.23 0.00	56.85 0.45 0.00	47.58 0.42 0.00	45.23 0.45 0.00	42.01 0.25 0.00	40.78 0.24 0.00	40.45 0.08 0.00	42.16 0.08 0.00	43.37 -0.35 0.00	51.65 -0.89 0.00	64.26 -0.78 0.00	79.83 -0.97 0.00	77.17 -1.10 0.00	61.56 -1.51 0.00	55.95 -0.85 0.00	52.15 0.00 0.00	46.91 -0.57 0.00
NEPA___ENERGY 23901	47.03 -0.52 0.00	45.43 -0.51 0.00	43.41 -0.48 0.00	41.18 -0.42 0.00	40.85 -0.50 0.00	42.40 -0.47 0.00	48.62 -0.34 0.00	58.55 0.12 0.00	56.80 0.39 0.00	47.77 0.61 0.00	45.55 0.76 0.00	42.26 0.50 0.00	40.98 0.45 0.00	40.74 0.36 0.00	42.50 0.42 0.00	43.55 -0.17 0.00	51.28 -1.26 0.00	63.87 -1.17 0.00	78.86 -1.94 0.00	76.23 -2.03 0.00	60.68 -2.40 0.00	55.15 -1.65 0.00	51.84 -0.31 0.00	46.34 -1.14 0.00

NEVERSINK___HYD 23608	50.03 2.47 0.00	48.14 2.20 0.00	46.04 2.15 0.00	43.63 2.04 0.00	43.33 1.98 0.00	44.85 1.97 0.00	50.87 1.91 0.00	60.66 2.22 0.00	58.49 2.09 0.00	48.90 1.75 0.00	46.67 1.88 0.00	43.43 1.67 0.00	42.36 1.83 0.00	42.07 1.70 0.00	43.80 1.73 0.00	45.51 1.79 0.00	55.11 2.57 0.00	67.90 2.86 0.00	84.84 4.04 0.00	82.17 3.91 0.00	66.10 3.03 0.00	59.53 2.73 0.00	54.50 2.35 0.00	49.56 2.09 0.00
NEWKRMKL_115KV_TB1 55635	47.65 0.10 0.00	46.07 0.14 0.00	43.98 0.09 0.00	41.63 0.04 0.00	41.39 0.04 0.00	42.92 0.04 0.00	48.82 -0.15 0.00	58.20 -0.23 0.00	56.12 -0.28 0.00	46.92 -0.24 0.00	44.56 -0.22 0.00	41.47 -0.29 0.00	40.29 -0.24 0.00	40.29 -0.08 0.00	42.03 -0.04 0.00	43.76 0.04 0.00	52.70 0.16 0.00	65.23 0.20 0.00	81.04 0.24 0.00	78.50 0.23 0.00	63.39 0.32 0.00	56.97 0.17 0.00	52.05 -0.10 0.00	47.47 0.00 0.00
NEWTON___FALLS_HYD 23847	48.93 1.38 0.00	47.36 1.42 0.00	45.25 1.36 0.00	42.88 1.29 0.00	42.67 1.32 0.00	44.20 1.33 0.00	50.77 1.81 0.00	60.25 1.81 0.00	57.75 1.35 0.00	47.91 0.75 0.00	45.46 0.67 0.00	42.47 0.71 0.00	41.26 0.73 0.00	40.98 0.61 0.00	42.66 0.59 0.00	44.51 0.79 0.00	53.48 0.95 0.00	66.60 1.56 0.00	83.61 2.34 -0.46	80.88 2.27 -0.35	64.72 1.64 0.00	58.73 1.93 0.00	54.03 1.88 0.00	49.14 1.66 0.00
NGRID_A1_DSASP 323792	45.42 -2.14 0.00	43.91 -2.02 0.00	41.83 -2.06 0.00	39.76 -1.83 0.00	39.44 -1.90 0.00	40.95 -1.93 0.00	47.10 -1.86 0.00	56.56 -1.87 0.00	55.33 -1.07 0.00	46.40 -0.76 0.00	44.34 -0.45 0.00	41.09 -0.67 0.00	40.17 -0.37 0.00	39.57 -0.81 0.00	41.36 -0.72 0.00	42.28 -1.44 0.00	49.12 -3.41 0.00	61.14 -3.90 0.00	75.47 -5.34 0.00	72.78 -5.48 0.00	58.28 -4.80 0.00	53.16 -3.64 0.00	49.50 -2.66 0.00	44.82 -2.66 0.00
NGRID_A2_DSASP 323793	45.42 -2.14 0.00	43.91 -2.02 0.00	41.83 -2.06 0.00	39.76 -1.83 0.00	39.44 -1.90 0.00	40.95 -1.93 0.00	47.10 -1.86 0.00	56.56 -1.87 0.00	55.33 -1.07 0.00	46.40 -0.76 0.00	44.34 -0.45 0.00	41.09 -0.67 0.00	40.17 -0.37 0.00	39.57 -0.81 0.00	41.36 -0.72 0.00	42.28 -1.44 0.00	49.12 -3.41 0.00	61.14 -3.90 0.00	75.47 -5.34 0.00	72.78 -5.48 0.00	58.28 -4.80 0.00	53.16 -3.64 0.00	49.50 -2.66 0.00	44.82 -2.66 0.00
NGRID_A4_DSASP 323807	45.42 -2.14 0.00	43.91 -2.02 0.00	41.83 -2.06 0.00	39.76 -1.83 0.00	39.44 -1.90 0.00	40.95 -1.93 0.00	47.10 -1.86 0.00	56.56 -1.87 0.00	55.33 -1.07 0.00	46.40 -0.76 0.00	44.34 -0.45 0.00	41.09 -0.67 0.00	40.17 -0.37 0.00	39.57 -0.81 0.00	41.36 -0.72 0.00	42.28 -1.44 0.00	49.12 -3.41 0.00	61.14 -3.90 0.00	75.47 -5.34 0.00	72.78 -5.48 0.00	58.28 -4.80 0.00	53.16 -3.64 0.00	49.50 -2.66 0.00	44.82 -2.66 0.00
NIAGARA_115E_LBMP 323715	46.32 -1.24 0.00	44.83 -1.10 0.00	42.71 -1.18 0.00	40.55 -1.04 0.00	40.27 -1.08 0.00	41.80 -1.07 0.00	47.98 -0.98 0.00	56.98 -1.46 0.00	55.21 -1.19 0.00	46.69 -0.47 0.00	44.70 -0.09 0.00	41.42 -0.34 0.00	39.88 -0.65 0.00	39.89 -0.48 0.00	41.70 -0.38 0.00	42.45 -1.27 0.00	49.23 -3.31 0.00	61.33 -3.70 0.00	75.71 -5.09 0.00	73.02 -5.24 0.00	58.41 -4.67 0.00	53.28 -3.52 0.00	49.44 -2.71 0.00	45.67 -1.80 0.00
NIAGARA_115W_LBMP 323714	45.32 -2.23 0.00	43.77 -2.16 0.00	41.74 -2.15 0.00	39.64 -1.95 0.00	39.36 -1.98 0.00	40.86 -2.01 0.00	47.00 -1.96 0.00	56.45 -1.99 0.00	55.16 -1.24 0.00	46.31 -0.85 0.00	44.20 -0.58 0.00	40.96 -0.79 0.00	40.09 -0.44 0.00	39.45 -0.93 0.00	41.23 -0.84 0.00	42.19 -1.53 0.00	49.02 -3.52 0.00	61.01 -4.03 0.00	75.30 -5.50 0.00	72.63 -5.64 0.00	58.09 -4.98 0.00	53.05 -3.75 0.00	49.34 -2.82 0.00	44.72 -2.75 0.00
NIAGARA_230_LBMP 323716	46.03 -1.52 0.00	44.46 -1.47 0.00	42.40 -1.49 0.00	40.26 -1.33 0.00	39.98 -1.36 0.00	41.50 -1.37 0.00	47.69 -1.27 0.00	57.27 -1.17 0.00	55.73 -0.67 0.00	46.92 -0.23 0.00	44.79 0.00 0.00	41.51 -0.25 0.00	40.29 -0.24 0.00	40.01 -0.36 0.00	41.78 -0.29 0.00	42.76 -0.96 0.00	49.75 -2.79 0.00	61.85 -3.19 0.00	76.44 -4.36 0.00	73.72 -4.54 0.00	59.04 -4.04 0.00	53.84 -2.96 0.00	49.91 -2.24 0.00	45.43 -2.04 0.00
NIAGARA___115KV_198_GIBSON 55903	45.32 -2.24 0.00	43.77 -2.16 0.00	41.83 -2.06 0.00	39.64 -1.95 0.00	39.36 -1.98 0.00	40.86 -2.02 0.00	47.00 -1.96 0.00	56.45 -1.99 0.00	55.16 -1.24 0.00	46.55 -0.61 0.00	44.20 -0.58 0.00	41.34 -0.42 0.00	39.72 -0.81 0.00	39.49 -0.89 0.00	41.23 -0.84 0.00	42.19 -1.53 0.00	49.49 -3.05 0.00	61.20 -3.84 0.00	75.39 -5.41 0.00	72.78 -5.48 0.00	58.03 -5.05 0.00	53.11 -3.69 0.00	50.28 -1.88 0.00	44.72 -2.75 0.00
NIAGARA____ 23760	46.03 -1.52 0.00	44.46 -1.47 0.00	42.40 -1.49 0.00	40.26 -1.33 0.00	39.98 -1.36 0.00	41.50 -1.37 0.00	47.69 -1.27 0.00	57.27 -1.17 0.00	55.73 -0.67 0.00	46.92 -0.23 0.00	44.79 0.00 0.00	41.51 -0.25 0.00	40.29 -0.24 0.00	40.01 -0.36 0.00	41.78 -0.29 0.00	42.76 -0.96 0.00	49.75 -2.79 0.00	61.85 -3.19 0.00	76.44 -4.36 0.00	73.72 -4.54 0.00	59.04 -4.04 0.00	53.84 -2.96 0.00	49.91 -2.24 0.00	45.43 -2.04 0.00
NINE_MILE_1 23575	46.08 -1.47 0.00	44.51 -1.42 0.00	42.53 -1.36 0.00	40.30 -1.29 0.00	40.06 -1.28 0.00	41.54 -1.33 0.00	47.49 -1.47 0.00	56.74 -1.70 0.00	54.82 -1.58 0.00	45.84 -1.32 0.00	43.53 -1.25 0.00	40.51 -1.25 0.00	39.32 -1.21 0.00	39.16 -1.21 0.00	40.81 -1.26 0.00	42.37 -1.36 0.00	50.85 -1.68 0.00	63.09 -1.95 0.00	67.41 -2.51 10.88	67.62 -2.43 8.21	61.05 -2.02 0.00	55.04 -1.76 0.00	50.54 -1.62 0.00	46.00 -1.47 0.00
NINE_MILE_2 23744	46.13 -1.43 0.00	44.51 -1.42 0.00	42.53 -1.36 0.00	40.30 -1.29 0.00	40.06 -1.28 0.00	41.54 -1.33 0.00	47.49 -1.47 0.00	56.74 -1.70 0.00	54.82 -1.58 0.00	45.84 -1.32 0.00	43.53 -1.25 0.00	40.51 -1.25 0.00	39.32 -1.21 0.00	39.16 -1.21 0.00	40.81 -1.26 0.00	42.37 -1.36 0.00	50.85 -1.68 0.00	63.09 -1.95 0.00	67.31 -2.51 10.98	67.55 -2.43 8.29	61.12 -1.96 0.00	55.04 -1.76 0.00	50.54 -1.62 0.00	46.00 -1.47 0.00
NM_CAPITAL___DRP 24208	47.65 0.10 0.00	46.07 0.14 0.00	43.98 0.09 0.00	41.59 0.00 0.00	41.39 0.04 0.00	42.92 0.04 0.00	48.82 -0.15 0.00	58.20 -0.23 0.00	56.12 -0.28 0.00	46.92 -0.24 0.00	44.56 -0.22 0.00	41.51 -0.25 0.00	40.33 -0.20 0.00	40.33 -0.04 0.00	42.08 0.00 0.00	43.81 0.09 0.00	52.70 0.16 0.00	65.17 0.13 0.00	80.96 0.16 0.00	78.42 0.16 0.00	63.39 0.32 0.00	56.91 0.11 0.00	52.00 -0.16 0.00	47.47 0.00 0.00
NM_CENTRAL___DRP 24181	46.89 -0.67 0.00	45.29 -0.64 0.00	43.28 -0.61 0.00	41.01 -0.58 0.00	40.77 -0.58 0.00	42.27 -0.60 0.00	48.33 -0.64 0.00	57.79 -0.64 0.00	55.84 -0.56 0.00	46.73 -0.42 0.00	44.34 -0.45 0.00	41.26 -0.50 0.00	40.01 -0.53 0.00	39.89 -0.48 0.00	41.53 -0.55 0.00	43.11 -0.61 0.00	51.86 -0.68 0.00	64.39 -0.65 0.00	80.27 -0.89 -0.36	77.75 -0.78 -0.27	62.26 -0.82 0.00	56.12 -0.68 0.00	51.58 -0.57 0.00	46.81 -0.66 0.00

NM_FRONTIER___DRP 24179	45.32 -2.24 0.00	43.77 -2.16 0.00	41.83 -2.06 0.00	39.64 -1.95 0.00	39.36 -1.98 0.00	40.86 -2.02 0.00	47.00 -1.96 0.00	56.45 -1.99 0.00	55.16 -1.24 0.00	46.55 -0.61 0.00	44.20 -0.58 0.00	41.34 -0.42 0.00	39.72 -0.81 0.00	39.49 -0.89 0.00	41.23 -0.84 0.00	42.19 -1.53 0.00	49.49 -3.05 0.00	61.20 -3.84 0.00	75.39 -5.41 0.00	72.78 -5.48 0.00	58.03 -5.05 0.00	53.11 -3.69 0.00	50.28 -1.88 0.00	44.72 -2.75 0.00
NM_ST_REGIS___HYD 24053	49.17 1.62 0.00	47.54 1.61 0.00	45.39 1.49 0.00	43.13 1.54 0.00	42.92 1.57 0.00	44.46 1.59 0.00	51.02 2.06 0.00	60.72 2.28 0.00	58.43 2.03 0.00	48.53 1.37 0.00	45.95 1.16 0.00	43.18 1.42 0.00	41.71 1.18 0.00	41.42 1.05 0.00	43.17 1.09 0.00	45.03 1.31 0.00	53.80 1.26 0.00	66.99 1.95 0.00	83.55 2.75 0.00	81.00 2.74 0.00	65.22 2.14 0.00	58.67 1.87 0.00	54.13 1.98 0.00	49.37 1.90 0.00
NORTHPORT___1 23551	48.21 0.67 0.01	46.71 0.78 0.00	45.03 1.14 0.00	42.75 1.16 0.00	42.46 1.12 0.00	43.99 1.11 0.00	48.86 -0.10 0.01	57.89 -0.53 0.02	55.88 -0.51 0.02	47.15 0.00 0.01	45.63 0.85 0.01	42.51 0.75 0.01	41.66 1.13 0.00	41.58 1.21 0.01	43.16 1.09 0.00	44.99 1.27 0.00	53.42 0.89 0.01	65.23 0.20 0.01	81.12 0.32 0.01	78.48 0.24 0.02	63.51 0.44 0.01	57.01 0.23 0.02	50.44 0.05 1.76	47.80 0.33 0.01
NORTHPORT___2 23552	48.21 0.67 0.01	46.71 0.78 0.00	45.03 1.14 0.00	42.75 1.16 0.00	42.46 1.12 0.00	43.99 1.11 0.00	48.86 -0.10 0.01	57.89 -0.53 0.02	55.88 -0.51 0.02	47.15 0.00 0.01	45.63 0.85 0.01	42.51 0.75 0.01	41.66 1.13 0.00	41.58 1.21 0.01	43.16 1.09 0.00	44.99 1.27 0.00	53.42 0.89 0.01	65.23 0.20 0.01	81.12 0.32 0.01	78.48 0.24 0.02	63.51 0.44 0.01	57.01 0.23 0.02	50.44 0.05 1.76	47.80 0.33 0.01
NORTHPORT___3 23553	48.07 0.52 0.01	46.57 0.64 0.00	44.94 1.05 0.00	42.67 1.08 0.00	42.38 1.03 0.00	43.90 1.03 0.00	48.76 -0.20 0.01	57.78 -0.64 0.02	55.77 -0.62 0.02	47.06 -0.09 0.01	45.54 0.76 0.00	42.46 0.71 0.01	41.58 1.05 0.00	41.50 1.13 0.01	43.12 1.05 0.00	44.90 1.18 0.00	53.32 0.79 0.01	65.10 0.07 0.01	80.96 0.16 0.01	78.32 0.08 0.02	63.32 0.25 0.01	56.90 0.11 0.02	50.35 -0.05 1.75	47.71 0.24 0.01
NORTHPORT___4 23650	48.07 0.52 0.01	46.57 0.64 0.00	44.94 1.05 0.00	42.67 1.08 0.00	42.38 1.03 0.00	43.90 1.03 0.00	48.76 -0.20 0.01	57.78 -0.62 0.02	55.77 -0.62 0.02	47.06 -0.09 0.01	45.54 0.76 0.00	42.46 0.71 0.01	41.58 1.05 0.00	41.50 1.13 0.01	43.12 1.05 0.00	44.90 1.18 0.00	53.32 0.79 0.01	65.10 0.07 0.01	80.96 0.16 0.01	78.32 0.08 0.02	63.32 0.25 0.01	56.90 0.11 0.02	50.35 -0.05 1.75	47.71 0.24 0.01
NORTHPORT___IC 23718	48.17 0.62 0.00	46.71 0.78 0.00	44.82 0.92 0.00	42.76 1.16 0.00	42.46 1.12 0.00	43.99 1.11 0.00	48.91 -0.05 0.00	57.89 -0.53 0.02	55.88 -0.51 0.02	47.16 0.00 0.00	45.63 0.85 0.01	42.51 0.75 0.01	41.66 1.13 0.00	41.58 1.21 0.01	43.25 1.18 0.00	44.99 1.27 0.00	53.37 0.84 0.01	65.36 0.33 0.01	81.44 0.65 0.01	78.72 0.47 0.02	63.83 0.76 0.01	57.18 0.40 0.02	50.29 -0.10 1.76	47.80 0.33 0.00
NORTH___COUNTRY_ESR 323785	48.22 0.67 0.00	46.58 0.64 0.00	44.46 0.57 0.00	42.25 0.66 0.00	42.00 0.66 0.00	43.56 0.68 0.00	49.79 0.83 0.00	59.37 0.93 0.00	57.36 0.96 0.00	47.91 0.75 0.00	45.46 0.67 0.00	42.64 0.88 0.00	41.22 0.69 0.00	40.98 0.61 0.00	42.71 0.63 0.00	44.46 0.74 0.00	53.17 0.63 0.00	66.14 1.10 0.00	82.17 1.37 0.00	79.59 1.33 0.00	64.27 1.20 0.00	57.60 0.79 0.00	52.98 0.83 0.00	48.33 0.86 0.00
NPX_GEN_1385_PROXY 323591	46.10 0.48 1.93	46.53 0.60 0.00	44.90 1.01 0.00	42.59 1.00 0.00	42.30 0.95 0.00	43.90 1.03 0.00	61.02 0.10 -11.96	77.35 -0.29 -19.20	62.25 -0.28 -6.13	47.25 0.09 0.01	45.45 0.67 0.01	42.38 0.63 0.01	41.50 0.97 0.00	41.46 1.09 0.01	43.04 0.97 0.00	47.49 1.44 -2.33	59.51 1.11 -5.87	66.15 0.46 -0.65	81.36 0.57 0.01	78.56 0.31 0.02	63.70 0.63 0.01	57.19 0.40 0.02	50.34 -0.05 1.76	47.85 0.38 0.01
NPX_GEN_CSC 323557	48.07 0.52 0.01	46.71 0.78 0.00	44.94 1.05 0.00	42.67 1.08 0.00	42.42 1.07 0.00	43.90 1.03 0.00	49.05 0.35 0.26	58.67 0.00 -0.23	56.33 -0.06 0.02	46.68 -0.47 0.01	44.96 0.23 0.06	42.01 0.25 0.00	41.34 0.81 0.00	41.34 0.97 0.00	42.91 0.84 0.00	44.72 1.01 0.00	53.89 1.36 0.01	65.42 0.39 0.01	80.79 0.00 0.01	78.09 -0.16 0.02	63.63 0.57 0.01	56.84 0.06 0.02	50.52 0.10 1.74	47.71 0.24 0.01
NSINS_S_GLNS_FALLS 23858	49.12 1.57 0.00	47.40 1.47 0.00	45.34 1.45 0.00	42.92 1.33 0.00	42.67 1.32 0.00	44.07 1.20 0.00	50.24 1.27 0.00	59.96 1.52 0.00	57.70 1.30 0.00	47.91 0.75 0.00	45.28 0.49 0.00	42.05 0.29 0.00	40.69 0.16 0.00	40.74 0.36 0.00	42.45 0.38 0.00	44.33 0.61 0.00	53.75 1.21 0.00	67.19 2.15 0.00	83.63 2.83 0.00	80.92 2.66 0.00	65.28 2.21 0.00	58.45 1.65 0.00	53.61 1.46 0.00	48.76 1.28 0.00
NUCOR_STEEL___DRP 24197	47.56 0.00 0.00	45.89 -0.05 0.00	43.85 -0.04 0.00	41.55 -0.04 0.00	41.30 -0.04 0.00	42.83 -0.04 0.00	49.06 0.10 0.00	58.73 0.29 0.00	56.74 0.34 0.00	47.39 0.24 0.00	44.88 0.09 0.00	41.76 0.00 0.00	40.45 -0.08 0.00	40.33 -0.04 0.00	41.99 -0.08 0.00	43.59 -0.13 0.00	52.49 -0.05 0.00	65.30 0.26 0.00	82.11 0.32 -0.98	79.40 0.39 -0.74	63.14 0.06 0.00	56.91 0.11 0.00	52.36 0.21 0.00	47.47 0.00 0.00
NUMBER_THREE_WT_PWR 323818	48.88 1.33 0.00	47.31 1.38 0.00	45.21 1.32 0.00	42.84 1.25 0.00	42.58 1.24 0.00	44.16 1.29 0.00	50.68 1.71 0.00	60.42 1.99 0.00	57.81 1.41 0.00	48.01 0.85 0.00	45.50 0.71 0.00	42.34 0.58 0.00	41.10 0.57 0.00	40.86 0.49 0.00	42.54 0.46 0.00	44.33 0.61 0.00	53.69 1.15 0.00	66.80 1.76 0.00	83.96 2.66 -0.50	80.98 2.35 -0.38	64.65 1.58 0.00	58.90 2.10 0.00	53.98 1.82 0.00	49.04 1.56 0.00
NYISO_LBMP_REFERENCE 24008	47.56 0.00 0.00	45.93 0.00 0.00	43.89 0.00 0.00	41.59 0.00 0.00	41.34 0.00 0.00	42.87 0.00 0.00	48.96 0.00 0.00	58.44 0.00 0.00	56.40 0.00 0.00	47.16 0.00 0.00	44.79 0.00 0.00	41.76 0.00 0.00	40.53 0.00 0.00	40.37 0.00 0.00	42.08 0.00 0.00	43.72 0.00 0.00	52.54 0.00 0.00	65.04 0.00 0.00	80.80 0.00 0.00	78.26 0.00 0.00	63.08 0.00 0.00	56.80 0.00 0.00	52.15 0.00 0.00	47.47 0.00 0.00
NYPA_BRENTWD____GT 24164	48.88 1.33 0.01	47.26 1.33 0.00	45.56 1.67 0.00	43.26 1.67 0.00	42.95 1.61 0.00	44.46 1.59 0.00	49.54 0.59 0.01	58.77 0.35 0.01	56.61 0.23 0.01	47.67 0.52 0.01	46.08 1.30 0.01	42.88 1.13 0.00	41.99 1.46 0.00	41.94 1.57 0.00	43.55 1.47 0.00	45.38 1.66 0.00	54.16 1.63 0.01	66.26 1.23 0.01	82.17 1.37 0.01	78.32 0.08 0.01	64.52 1.45 0.01	57.92 1.14 0.01	50.68 0.21 1.68	48.42 0.95 0.00

NYPA_GOWANUS____GT5 24156	50.27 <u>2.71</u> -0.01	48.42 <u>2.48</u> -0.01	46.23 <u>2.32</u> -0.01	43.76 <u>2.16</u> -0.01	43.46 <u>2.11</u> -0.01	45.11 <u>2.23</u> -0.01	51.03 <u>2.06</u> -0.01	60.54 <u>2.10</u> -0.01	58.37 <u>1.97</u> 0.00	49.09 <u>1.93</u> 0.00	46.98 <u>2.19</u> 0.00	43.97 <u>2.21</u> 0.00	43.01 <u>2.47</u> -0.01	42.67 <u>2.30</u> 0.00	44.52 <u>2.44</u> -0.01	46.17 <u>2.45</u> 0.00	55.75 <u>3.21</u> -0.01	67.97 <u>2.93</u> 0.00	84.77 <u>3.96</u> -0.01	82.03 <u>3.76</u> -0.01	66.11 <u>3.03</u> -0.01	59.53 <u>2.73</u> -0.01	54.77 <u>2.61</u> -0.01	49.81 <u>2.33</u> -0.01
NYPA_GOWANUS____GT6 24157	50.27 <u>2.71</u> -0.01	48.42 <u>2.48</u> -0.01	46.23 <u>2.32</u> -0.01	43.76 <u>2.16</u> -0.01	43.46 <u>2.11</u> -0.01	45.11 <u>2.23</u> -0.01	51.03 <u>2.06</u> -0.01	60.54 <u>2.10</u> -0.01	58.37 <u>1.97</u> 0.00	49.09 <u>1.93</u> 0.00	46.98 <u>2.19</u> 0.00	43.97 <u>2.21</u> 0.00	43.01 <u>2.47</u> -0.01	42.67 <u>2.30</u> 0.00	44.52 <u>2.44</u> -0.01	46.17 <u>2.45</u> 0.00	55.75 <u>3.21</u> -0.01	67.97 <u>2.93</u> 0.00	84.77 <u>3.96</u> -0.01	82.03 <u>3.76</u> -0.01	66.11 <u>3.03</u> -0.01	59.53 <u>2.73</u> -0.01	54.77 <u>2.61</u> -0.01	49.81 <u>2.33</u> -0.01
NYPA_HARLEM__RVR__GT1 24160	49.85 <u>2.28</u> -0.01	48.01 <u>2.07</u> -0.01	45.83 <u>1.93</u> -0.01	43.39 <u>1.79</u> -0.01	43.09 <u>1.74</u> -0.01	44.64 <u>1.76</u> -0.01	50.48 <u>1.52</u> 0.00	59.83 <u>1.40</u> 0.01	57.80 <u>1.41</u> 0.01	48.66 <u>1.51</u> 0.01	46.57 <u>1.79</u> 0.01	43.54 <u>1.79</u> 0.01	42.63 <u>2.11</u> 0.01	42.30 <u>1.94</u> 0.01	44.09 <u>2.02</u> 0.01	45.73 <u>2.01</u> 0.01	55.16 <u>2.63</u> 0.01	67.11 <u>2.08</u> 0.01	83.70 <u>2.90</u> 0.01	80.99 <u>2.74</u> 0.01	65.34 <u>2.27</u> 0.01	58.83 <u>2.04</u> 0.01	54.09 <u>1.93</u> -0.01	49.24 <u>1.76</u> -0.01
NYPA_HARLEM__RVR__GT2 24161	49.85 <u>2.28</u> -0.01	48.01 <u>2.07</u> -0.01	45.83 <u>1.93</u> -0.01	43.39 <u>1.79</u> -0.01	43.09 <u>1.74</u> -0.01	44.64 <u>1.76</u> -0.01	50.48 <u>1.52</u> 0.00	59.83 <u>1.40</u> 0.01	57.80 <u>1.41</u> 0.01	48.66 <u>1.51</u> 0.01	46.57 <u>1.79</u> 0.01	43.54 <u>1.79</u> 0.01	42.63 <u>2.11</u> 0.01	42.30 <u>1.94</u> 0.01	44.09 <u>2.02</u> 0.01	45.73 <u>2.01</u> 0.01	55.16 <u>2.63</u> 0.01	67.11 <u>2.08</u> 0.01	83.70 <u>2.90</u> 0.01	80.99 <u>2.74</u> 0.01	65.34 <u>2.27</u> 0.01	58.83 <u>2.04</u> 0.01	54.09 <u>1.93</u> -0.01	49.24 <u>1.76</u> -0.01
NYPA_KENT____GT 24152	50.18 <u>2.61</u> -0.01	48.33 <u>2.39</u> -0.01	46.10 <u>2.19</u> -0.01	43.64 <u>2.04</u> -0.01	43.38 <u>2.03</u> -0.01	44.98 <u>2.10</u> -0.01	50.93 <u>1.96</u> 0.00	60.43 <u>1.99</u> 0.00	58.26 <u>1.86</u> 0.00	49.05 <u>1.89</u> 0.00	46.89 <u>2.11</u> 0.00	43.89 <u>2.13</u> 0.00	42.93 <u>2.39</u> -0.01	42.59 <u>2.22</u> 0.00	44.40 <u>2.31</u> -0.01	46.04 <u>2.32</u> 0.00	55.59 <u>3.05</u> 0.00	67.77 <u>2.73</u> 0.00	84.53 <u>3.72</u> 0.00	81.71 <u>3.44</u> 0.00	65.92 <u>2.84</u> 0.00	59.36 <u>2.56</u> 0.00	54.61 <u>2.45</u> -0.01	49.67 <u>2.19</u> -0.01
NYPA_POUCHI____GT 24155	50.37 <u>2.81</u> -0.01	48.51 <u>2.57</u> -0.01	46.31 <u>2.41</u> -0.01	43.84 <u>2.24</u> -0.01	43.54 <u>2.19</u> -0.01	45.24 <u>2.36</u> -0.01	51.18 <u>2.21</u> -0.01	60.72 <u>2.28</u> -0.01	58.43 <u>2.03</u> 0.00	49.14 <u>1.98</u> 0.00	47.02 <u>2.24</u> 0.00	44.01 <u>2.25</u> 0.00	43.05 <u>2.51</u> -0.01	42.71 <u>2.34</u> 0.00	44.57 <u>2.48</u> -0.01	46.21 <u>2.49</u> 0.00	55.80 <u>3.26</u> -0.01	68.10 <u>3.06</u> 0.00	84.93 <u>4.12</u> -0.01	82.18 <u>3.91</u> -0.01	66.30 <u>3.22</u> -0.01	59.65 <u>2.84</u> -0.01	54.82 <u>2.66</u> -0.01	49.90

OAKDALE___35_KV_LOAD 356122	47.70 0.14 0.00	46.07 0.14 0.00	44.07 0.18 0.00	41.76 0.17 0.00	41.51 0.17 0.00	43.05 0.17 0.00	49.11 0.15 0.00	58.85 0.41 0.00	56.80 0.39 0.00	47.58 0.42 0.00	45.19 0.40 0.00	42.05 0.29 0.00	40.82 0.28 0.00	40.62 0.24 0.00	42.33 0.25 0.00	43.85 0.13 0.00	52.59 0.05 0.00	65.17 0.13 0.00	80.88 0.08 0.00	78.42 0.16 0.00	63.01 -0.06 0.00	56.80 0.00 0.00	52.36 0.21 0.00	47.43 -0.05 0.00
OCC_CHEM___DRP 24175	45.42 -2.14 0.00	43.91 -2.02 0.00	41.92 -1.98 0.00	39.76 -1.83 0.00	39.44 -1.90 0.00	40.94 -1.93 0.00	47.10 -1.86 0.00	56.57 -1.87 0.00	55.33 -1.07 0.00	46.64 -0.52 0.00	44.34 -0.45 0.00	41.42 -0.33 0.00	39.84 -0.69 0.00	39.61 -0.77 0.00	41.36 -0.72 0.00	42.28 -1.44 0.00	49.60 -2.94 0.00	61.33 -3.71 0.00	75.63 -5.17 0.00	73.02 -5.24 0.00	58.16 -4.92 0.00	53.22 -3.58 0.00	50.43 -1.72 0.00	44.82 -2.66 0.00
OH_GEN_PROXY 24063	46.03 -1.52 0.00	44.46 -1.47 0.00	42.40 -1.49 0.00	40.26 -1.33 0.00	39.98 -1.36 0.00	41.50 -1.37 0.00	47.44 -1.27 0.25	57.52 -1.17 -0.25	55.73 -0.67 0.00	46.92 -0.23 0.00	44.79 0.00 0.00	41.51 -0.25 0.00	40.29 -0.24 0.00	40.01 -0.36 0.00	41.78 -0.29 0.00	42.76 -0.96 0.00	49.80 -2.73 0.00	61.98 -3.06 0.00	76.60 -4.21 0.00	73.88 -4.38 0.00	59.16 -3.91 0.00	53.91 -2.89 0.00	49.91 -2.24 0.00	45.43 -2.04 0.00
OLIN_CORP_DRP 24177	46.32 -1.24 0.00	44.83 -1.10 0.00	42.80 -1.10 0.00	40.55 -1.04 0.00	40.27 -1.07 0.00	41.80 -1.07 0.00	48.03 -0.93 0.00	57.03 -1.40 0.00	55.33 -1.07 0.00	46.59 -0.57 0.00	44.74 -0.04 0.00	41.22 -0.54 0.00	40.21 -0.32 0.00	39.97 -0.40 0.00	41.74 -0.34 0.00	42.54 -1.18 0.00	49.81 -2.73 0.00	61.66 -3.38 0.00	76.03 -4.77 0.00	73.41 -4.85 0.00	58.47 -4.60 0.00	53.45 -3.35 0.00	50.90 -1.25 0.00	45.67 -1.80 0.00
OLIN_CORP_DSASP 323712	45.42 -2.14 0.00	43.91 -2.02 0.00	41.83 -2.06 0.00	39.76 -1.83 0.00	39.44 -1.90 0.00	40.95 -1.93 0.00	47.10 -1.86 0.00	56.56 -1.87 0.00	55.33 -1.07 0.00	46.40 -0.76 0.00	44.34 -0.45 0.00	41.09 -0.67 0.00	40.17 -0.37 0.00	39.57 -0.81 0.00	41.36 -0.72 0.00	42.28 -1.44 0.00	49.12 -3.41 0.00	61.14 -3.90 0.00	75.47 -5.34 0.00	72.78 -5.48 0.00	58.28 -4.80 0.00	53.16 -3.64 0.00	49.50 -2.66 0.00	44.82 -2.66 0.00
ONEIDA_HERK_LFGE 323681	48.65 1.09 0.00	47.08 1.15 0.00	45.03 1.14 0.00	42.63 1.04 0.00	42.38 1.03 0.00	43.99 1.11 0.00	50.33 1.37 0.00	60.13 1.70 0.00	57.75 1.35 0.00	48.10 0.94 0.00	45.68 0.90 0.00	42.42 0.67 0.00	41.18 0.65 0.00	40.98 0.61 0.00	42.62 0.55 0.00	44.42 0.70 0.00	53.69 1.15 0.00	66.60 1.56 0.00	82.98 2.18 0.00	80.45 2.19 0.00	64.59 1.51 0.00	58.45 1.65 0.00	53.61 1.46 0.00	48.71 1.23 0.00
ONEIDA___115KV_TB4 55905	48.70 1.14 0.00	47.13 1.19 0.00	45.08 1.19 0.00	42.67 1.08 0.00	42.42 1.07 0.00	44.03 1.16 0.00	50.38 1.42 0.00	60.25 1.81 0.00	57.87 1.47 0.00	48.24 1.08 0.00	45.82 1.03 0.00	42.55 0.79 0.00	41.30 0.77 0.00	41.10 0.73 0.00	42.79 0.72 0.00	44.51 0.79 0.00	53.85 1.31 0.00	66.80 1.76 0.00	83.14 2.34 0.00	80.69 2.43 0.00	64.78 1.70 0.00	58.45 1.65 0.00	53.67 1.51 0.00	48.76 1.28 0.00
ONONDAGA_REF_OCCRA 23987	47.13 -0.43 0.00	45.47 -0.46 0.00	43.45 -0.44 0.00	41.18 -0.42 0.00	40.93 -0.41 0.00	42.44 -0.43 0.00	48.52 -0.44 0.00	58.09 -0.35 0.00	56.06 -0.34 0.00	46.92 -0.24 0.00	44.52 -0.27 0.00	41.42 -0.33 0.00	40.17 -0.36 0.00	40.01 -0.36 0.00	41.70 -0.38 0.00	43.28 -0.44 0.00	52.12 -0.42 0.00	64.71 -0.33 0.00	80.76 -0.40 -0.37	78.22 -0.31 -0.28	62.63 -0.44 0.00	56.40 -0.40 0.00	51.84 -0.31 0.00	47.05 -0.43 0.00
ONONDAGA___COGEN 23986	47.17 -0.38 0.00	45.52 -0.41 0.00	43.54 -0.35 0.00	41.22 -0.37 0.00	40.97 -0.37 0.00	42.49 -0.39 0.00	48.62 -0.34 0.00	58.14 -0.29 0.00	56.17 -0.23 0.00	47.02 -0.14 0.00	44.56 -0.22 0.00	41.47 -0.29 0.00	40.21 -0.32 0.00	40.05 -0.32 0.00	41.74 -0.34 0.00	43.33 -0.39 0.00	52.17 -0.37 0.00	64.78 -0.26 0.00	81.65 -0.32 -1.17	78.83 -0.31 -0.88	62.63 -0.44 0.00	56.46 -0.34 0.00	51.89 -0.26 0.00	47.10 -0.38 0.00
ONTARIO___LFGE 23819	47.84 0.29 0.00	46.12 0.18 0.00	44.03 0.13 0.00	41.76 0.17 0.00	41.51 0.17 0.00	43.09 0.22 0.00	49.45 0.49 0.00	59.14 0.70 0.00	57.13 0.73 0.00	47.91 0.75 0.00	45.37 0.58 0.00	42.13 0.37 0.00	40.82 0.29 0.00	40.62 0.24 0.00	42.33 0.25 0.00	43.85 0.13 0.00	52.28 -0.26 0.00	65.37 0.33 0.00	81.48 0.24 -0.43	78.98 0.39 -0.33	63.01 -0.06 0.00	56.80 0.00 0.00	52.15 0.00 0.00	47.62 0.14 0.00
ORANGEVILLE_WT_PWR 323706	46.99 -0.57 0.00	45.38 -0.55 0.00	43.28 -0.61 0.00	41.09 -0.50 0.00	40.81 -0.54 0.00	42.36 -0.51 0.00	48.62 -0.34 0.00	58.38 -0.06 0.00	56.63 0.23 0.00	47.53 0.38 0.00	45.19 0.40 0.00	41.88 0.13 0.00	40.57 0.04 0.00	40.37 0.00 0.00	42.12 0.04 0.00	43.24 -0.48 0.00	50.81 -1.73 0.00	63.48 -1.56 0.00	78.54 -2.26 0.00	75.75 -2.51 0.00	60.55 -2.52 0.00	54.93 -1.87 0.00	50.80 -1.36 0.00	46.29 -1.19 0.00
ORANGEVILLE___ESR 323794	46.99 -0.57 0.00	45.38 -0.55 0.00	43.28 -0.61 0.00	41.09 -0.50 0.00	40.81 -0.54 0.00	42.36 -0.51 0.00	48.62 -0.34 0.00	58.38 -0.06 0.00	56.63 0.23 0.00	47.53 0.38 0.00	45.19 0.40 0.00	41.88 0.13 0.00	40.57 0.04 0.00	40.37 0.00 0.00	42.12 0.04 0.00	43.24 -0.48 0.00	50.81 -1.73 0.00	63.48 -1.56 0.00	78.54 -2.26 0.00	75.75 -2.51 0.00	60.55 -2.52 0.00	54.93 -1.87 0.00	50.80 -1.36 0.00	46.29 -1.19 0.00
OSWEGATCHIE___HYD 24044	48.94 1.38 0.00	47.36 1.43 0.00	45.21 1.32 0.00	42.88 1.29 0.00	42.67 1.32 0.00	44.20 1.33 0.00	50.78 1.81 0.00	60.25 1.81 0.00	57.75 1.35 0.00	47.91 0.75 0.00	45.46 0.67 0.00	42.47 0.71 0.00	41.26 0.73 0.00	40.98 0.61 0.00	42.66 0.59 0.00	44.51 0.79 0.00	53.53 1.00 0.00	66.73 1.69 0.00	83.77 2.51 -0.46	81.12 2.50 -0.35	64.91 1.83 0.00	58.90 2.10 0.00	54.08 1.93 0.00	49.14 1.66 0.00
OSWEGO___5 23606	46.46 -1.09 0.00	44.83 -1.10 0.00	42.84 -1.05 0.00	40.59 -1.00 0.00	40.35 -0.99 0.00	41.84 -1.03 0.00	47.84 -1.12 0.00	57.21 -1.23 0.00	55.21 -1.19 0.00	46.22 -0.94 0.00	43.84 -0.94 0.00	40.84 -0.92 0.00	39.60 -0.93 0.00	39.45 -0.93 0.00	41.11 -0.97 0.00	42.67 -1.05 0.00	51.28 -1.26 0.00	63.55 -1.49 0.00	85.90 -1.86 -6.95	81.71 -1.80 -5.25	61.56 -1.51 0.00	55.50 -1.30 0.00	50.90 -1.25 0.00	46.33 -1.14 0.00
OSWEGO___6 23613	46.46 -1.09 0.00	44.83 -1.10 0.00	42.84 -1.05 0.00	40.59 -1.00 0.00	40.35 -0.99 0.00	41.84 -1.03 0.00	47.84 -1.12 0.00	57.21 -1.23 0.00	55.21 -1.19 0.00	46.22 -0.94 0.00	43.84 -0.94 0.00	40.84 -0.92 0.00	39.60 -0.93 0.00	39.45 -0.93 0.00	41.11 -0.97 0.00	42.67 -1.05 0.00	51.28 -1.26 0.00	63.55 -1.49 0.00	85.90 -1.86 -6.95	81.71 -1.80 -5.25	61.56 -1.51 0.00	55.50 -1.30 0.00	50.90 -1.25 0.00	46.33 -1.14 0.00

OUTOKUMPU-AB___DRP 24206	46.56 -1.00 0.00	45.01 -0.92 0.00	42.97 -0.92 0.00	40.72 -0.87 0.00	40.39 -0.95 0.00	41.93 -0.94 0.00	48.23 -0.73 0.00	57.79 -0.64 0.00	56.34 -0.06 0.00	47.49 0.33 0.00	45.28 0.49 0.00	42.05 0.29 0.00	40.69 0.16 0.00	40.45 0.08 0.00	42.24 0.17 0.00	43.15 -0.57 0.00	50.65 -1.89 0.00	62.89 -2.15 0.00	77.49 -3.31 0.00	74.82 -3.44 0.00	59.54 -3.53 0.00	54.41 -2.39 0.00	51.58 -0.57 0.00	45.96 -1.52 0.00
OXBOW___BTM 323836	46.03 -1.52 0.00	44.51 -1.42 0.00	42.40 -1.49 0.00	40.26 -1.33 0.00	39.98 -1.36 0.00	41.50 -1.37 0.00	47.74 -1.22 0.00	57.27 -1.17 0.00	55.89 -0.51 0.00	47.02 -0.14 0.00	44.88 0.09 0.00	41.59 -0.17 0.00	40.53 0.00 0.00	40.05 -0.32 0.00	41.87 -0.21 0.00	42.80 -0.92 0.00	49.75 -2.79 0.00	62.05 -2.99 0.00	76.60 -4.21 0.00	73.80 -4.46 0.00	59.04 -4.04 0.00	53.84 -2.96 0.00	50.07 -2.09 0.00	45.43 -2.04 0.00
OXBOW___ 24026	46.03 -1.52 0.00	44.51 -1.42 0.00	42.49 -1.40 0.00	40.26 -1.33 0.00	39.98 -1.36 0.00	41.50 -1.37 0.00	47.74 -1.22 0.00	57.27 -1.17 0.00	55.89 -0.51 0.00	47.16 0.00 0.00	44.88 0.09 0.00	41.80 0.04 0.00	40.33 -0.20 0.00	40.09 -0.28 0.00	41.87 -0.21 0.00	42.80 -0.92 0.00	50.23 -2.31 0.00	62.24 -2.80 0.00	76.68 -4.12 0.00	74.04 -4.23 0.00	58.98 -4.10 0.00	53.90 -2.90 0.00	51.06 -1.10 0.00	45.43 -2.04 0.00
OXY_CHEM_DSASP 323612	45.42 -2.14 0.00	43.91 -2.02 0.00	41.92 -1.98 0.00	39.76 -1.83 0.00	39.44 -1.90 0.00	40.94 -1.93 0.00	47.10 -1.86 0.00	56.57 -1.87 0.00	55.33 -1.07 0.00	46.64 -0.52 0.00	44.34 -0.45 0.00	41.42 -0.33 0.00	39.84 -0.69 0.00	39.61 -0.77 0.00	41.36 -0.72 0.00	42.28 -1.44 0.00	49.60 -2.94 0.00	61.33 -3.71 0.00	75.63 -5.17 0.00	73.02 -5.24 0.00	58.16 -4.92 0.00	53.22 -3.58 0.00	50.43 -1.72 0.00	44.82 -2.66 0.00
OZONE_PARK_ESR 323760	50.12 2.57 0.00	48.23 2.30 0.00	46.00 2.11 0.00	43.55 1.95 0.00	43.25 1.90 0.00	44.89 2.02 0.00	50.82 1.86 0.00	60.48 2.05 0.00	58.37 1.97 0.00	49.05 1.89 0.00	46.89 2.10 0.00	43.89 2.13 0.00	42.92 2.39 0.00	42.59 2.22 0.00	44.47 2.40 0.00	46.04 2.32 0.00	55.59 3.05 0.00	68.03 2.99 0.00	84.92 4.12 0.00	82.10 3.83 0.00	66.36 3.28 0.00	59.64 2.84 0.00	54.40 2.24 0.00	49.61 2.14 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	45.42 -2.14 0.00	43.91 -2.02 0.00	41.92 -1.98 0.00	39.76 -1.83 0.00	39.44 -1.90 0.00	40.94 -1.93 0.00	47.10 -1.86 0.00	56.57 -1.87 0.00	55.33 -1.07 0.00	46.64 -0.52 0.00	44.34 -0.45 0.00	41.42 -0.33 0.00	39.84 -0.69 0.00	39.61 -0.77 0.00	41.36 -0.72 0.00	42.28 -1.44 0.00	49.60 -2.94 0.00	61.33 -3.71 0.00	75.63 -5.17 0.00	73.02 -5.24 0.00	58.16 -4.92 0.00	53.22 -3.58 0.00	50.43 -1.72 0.00	44.82 -2.66 0.00
PACKARD___115KV_DUPONT_184 80571	45.42 -2.14 0.00	43.91 -2.02 0.00	41.83 -2.06 0.00	39.76 -1.83 0.00	39.44 -1.90 0.00	40.95 -1.93 0.00	47.10 -1.86 0.00	56.56 -1.87 0.00	55.33 -1.07 0.00	46.40 -0.76 0.00	44.34 -0.45 0.00	41.09 -0.67 0.00	40.17 -0.37 0.00	39.57 -0.81 0.00	41.36 -0.72 0.00	42.28 -1.44 0.00	49.12 -3.41 0.00	61.14 -3.90 0.00	75.47 -5.34 0.00	72.78 -5.48 0.00	58.28 -4.80 0.00	53.16 -3.64 0.00	49.50 -2.66 0.00	44.82 -2.66 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	49.99 2.43 -0.01	48.15 2.20 -0.01	45.92 2.02 -0.01	43.51 1.91 -0.01	43.21 1.86 -0.01	44.77 1.89 -0.01	50.58 1.62 0.00	59.90 1.46 0.00	57.87 1.47 0.00	48.72 1.56 0.00	46.58 1.79 0.00	43.60 1.84 0.00	42.63 2.11 0.01	42.31 1.94 0.00	44.17 2.10 0.01	45.73 2.01 0.00	55.17 2.63 0.00	67.38 2.34 0.00	84.03 3.23 0.00	81.31 3.05 0.00	65.72 2.65 0.00	59.13 2.33 0.00	54.14 1.98 -0.01	49.38 1.90 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	50.51 2.95 -0.01	48.65 2.71 -0.01	46.40 2.50 -0.01	43.97 2.37 -0.01	43.67 2.32 -0.01	45.24 2.36 -0.01	51.12 2.15 0.00	60.60 2.16 0.00	58.49 2.09 0.00	49.19 2.03 0.00	47.02 2.24 0.00	43.97 2.21 0.00	43.04 2.51 0.01	42.68 2.30 0.00	44.59 2.52 0.01	46.13 2.40 0.00	55.69 3.15 0.00	68.03 2.99 0.00	84.92 4.12 0.00	82.10 3.83 0.00	66.36 3.28 0.00	59.70 2.90 0.00	54.72 2.56 -0.01	49.86 2.37 -0.01
PATROON___115KV_TB1 80586	47.84 0.29 0.00	46.21 0.28 0.00	44.16 0.26 0.00	41.76 0.17 0.00	41.51 0.17 0.00	43.09 0.21 0.00	48.96 0.00 0.00	58.38 -0.06 0.00	56.29 -0.11 0.00	47.06 -0.09 0.00	44.70 -0.09 0.00	41.59 -0.17 0.00	40.41 -0.12 0.00	40.41 0.04 0.00	42.16 0.08 0.00	43.90 0.17 0.00	52.91 0.37 0.00	65.49 0.46 0.00	81.37 0.57 0.00	78.73 0.47 0.00	63.58 0.50 0.00	57.14 0.34 0.00	52.21 0.05 0.00	47.62 0.14 0.00
PATTRSNVILLE___SOLAR 323815	48.79 1.23 0.00	47.08 1.15 0.00	45.03 1.14 0.00	42.59 1.00 0.00	42.33 0.99 0.00	43.90 1.03 0.00	50.04 1.08 0.00	59.67 1.23 0.00	57.02 0.62 0.00	47.25 0.09 0.00	44.65 -0.13 0.00	41.55 -0.21 0.00	40.33 -0.20 0.00	40.29 -0.08 0.00	42.03 -0.04 0.00	43.90 0.18 0.00	53.33 0.79 0.00	66.54 1.50 0.00	82.82 2.02 0.00	80.29 2.03 0.00	64.71 1.64 0.00	58.16 1.36 0.00	53.40 1.25 0.00	48.52 1.04 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	46.51 -1.05 0.00	44.97 -0.96 0.00	42.93 -0.97 0.00	40.68 -0.92 0.00	40.39 -0.95 0.00	41.93 -0.94 0.00	48.13 -0.83 0.00	57.73 -0.70 0.00	56.06 -0.34 0.00	47.21 0.05 0.00	45.05 0.27 0.00	41.72 -0.04 0.00	40.49 -0.04 0.00	40.25 -0.12 0.00	41.99 -0.08 0.00	43.02 -0.70 0.00	50.59 -1.94 0.00	63.02 -2.02 0.00	77.73 -3.07 0.00	75.13 -3.13 0.00	59.73 -3.34 0.00	54.41 -2.39 0.00	51.32 -0.83 0.00	45.91 -1.57 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	49.84 2.28 0.00	47.95 2.02 0.00	45.87 1.98 0.00	43.42 1.83 0.00	43.16 1.82 0.00	44.72 1.84 0.00	50.63 1.66 0.00	60.13 1.69 0.00	58.09 1.69 0.00	48.72 1.56 0.00	46.53 1.75 0.00	43.47 1.71 0.00	42.52 1.99 0.00	42.15 1.78 0.00	44.10 2.02 0.00	45.64 1.92 0.00	55.11 2.57 0.00	67.90 2.86 0.00	84.52 3.72 0.00	81.78 3.52 0.00	66.04 2.96 0.00	59.36 2.56 0.00	54.19 2.03 0.00	49.33 1.85 0.00
PEEKSKILL___ 23653	49.46 1.90 0.00	47.63 1.70 0.00	45.52 1.63 0.00	43.09 1.50 0.00	42.79 1.45 0.00	44.37 1.50 0.00	50.23 1.27 0.00	59.72 1.28 0.00	57.64 1.24 0.00	48.43 1.27 0.00	46.26 1.48 0.00	43.26 1.50 0.00	42.27 1.74 0.00	41.99 1.62 0.00	43.76 1.68 0.00	45.38 1.66 0.00	54.74 2.21 0.00	66.99 1.95 0.00	83.46 2.66 0.00	80.77 2.50 0.00	65.15 2.08 0.00	58.67 1.87 0.00	53.82 1.67 0.00	48.99 1.52 0.00
PGE MADISON___WINDPWR 24146	50.65 3.09 0.00	49.10 3.17 0.00	47.01 3.12 0.00	44.46 2.87 0.00	44.20 2.85 0.00	46.00 3.13 0.00	52.83 3.87 0.00	63.52 5.08 0.00	60.74 4.34 0.00	50.46 3.30 0.00	47.92 3.13 0.00	44.18 2.42 0.00	42.80 2.27 0.00	42.47 2.10 0.00	44.01 1.94 0.00	45.91 2.19 0.00	55.95 3.41 0.00	69.66 4.62 0.00	86.94 6.14 0.00	84.91 6.65 0.00	67.74 4.67 0.00	61.00 4.20 0.00	56.06 3.91 0.00	50.75 3.28 0.00

PIERCEFIELD___HYD 23852	49.17 1.62 0.00	47.54 1.61 0.00	45.39 1.49 0.00	43.13 1.54 0.00	42.92 1.57 0.00	44.46 1.59 0.00	51.02 2.06 0.00	60.66 2.22 0.00	58.37 1.97 0.00	48.43 1.27 0.00	45.86 1.07 0.00	43.05 1.29 0.00	41.63 1.09 0.00	41.34 0.97 0.00	43.09 1.01 0.00	44.90 1.18 0.00	53.80 1.26 0.00	66.99 1.95 0.00	83.55 2.75 0.00	81.08 2.82 0.00	65.22 2.14 0.00	58.79 1.99 0.00	54.19 2.03 0.00	49.37 1.90 0.00
PINELAWN_CC_1 323563	48.74 1.19 0.01	47.08 1.15 0.00	45.30 1.40 0.00	42.96 1.37 0.00	42.67 1.32 0.00	44.20 1.33 0.00	49.35 0.39 0.01	58.60 0.18 0.01	56.44 0.06 0.01	47.53 0.38 0.01	45.86 1.07 0.00	42.72 0.96 0.00	41.83 1.30 0.00	41.79 1.41 0.00	43.38 1.31 0.00	45.21 1.49 0.00	53.53 1.00 0.01	65.16 0.13 0.01	81.12 0.32 0.01	78.17 -0.08 0.01	63.70 0.63 0.01	57.24 0.45 0.01	50.77 0.10 1.49	48.28 0.81 0.00
PJM_GEN_HTTP_PROXY 323702	49.74 2.19 0.00	47.91 1.97 0.00	45.69 1.80 0.00	43.30 1.71 0.00	43.00 1.66 0.00	44.59 1.72 0.00	50.23 1.52 0.25	60.26 1.58 -0.25	57.86 1.46 0.00	48.67 1.51 0.00	46.53 1.74 0.00	43.51 1.75 0.00	42.56 2.03 0.00	42.23 1.86 0.00	44.01 1.94 0.00	45.64 1.92 0.00	55.06 2.52 0.00	67.31 2.28 0.00	83.87 3.07 0.00	81.16 2.90 0.00	65.47 2.40 0.00	58.90 2.10 0.00	54.08 1.93 0.00	49.18 1.71 0.00
PJM_GEN_KEystone 24065	47.89 0.34 0.00	46.16 0.23 0.00	44.07 0.18 0.00	41.80 0.21 0.00	41.51 0.17 0.00	43.05 0.17 0.00	48.71 0.00 0.25	58.86 0.18 -0.25	56.63 0.23 0.00	47.58 0.42 0.00	45.41 0.63 0.00	42.30 0.54 0.00	41.22 0.69 0.00	40.94 0.56 0.00	42.66 0.59 0.00	44.07 0.35 0.00	52.49 -0.05 0.00	64.78 -0.26 0.00	80.56 -0.24 0.00	77.87 -0.39 0.00	62.57 -0.51 0.00	56.52 -0.28 0.00	52.05 -0.10 0.00	47.38 -0.09 0.00
PJM_GEN_NEPTUNE_PROXY 323594	48.45 0.90 0.01	46.76 0.83 0.00	44.94 1.05 0.00	42.63 1.04 0.00	42.33 0.99 0.00	43.86 0.99 0.00	48.85 0.15 0.26	58.61 -0.06 -0.23	56.33 -0.06 0.02	47.39 0.24 0.01	45.67 0.90 0.01	42.59 0.83 0.01	41.66 1.13 0.01	41.58 1.21 0.01	43.16 1.09 0.01	44.90 1.18 0.01	53.74 1.21 0.01	65.68 0.65 0.01	81.84 1.05 0.01	79.19 0.94 0.02	63.95 0.88 0.01	57.47 0.68 0.02	50.81 0.52 1.87	47.99 0.52 0.01
PJM_GEN_VFT_PROXY 323633	49.65 2.09 0.00	47.72 1.79 0.00	45.52 1.63 0.00	43.09 1.50 0.00	42.79 1.45 0.00	44.41 1.54 0.00	49.98 1.27 0.25	60.03 1.35 -0.25	57.70 1.30 0.00	48.53 1.37 0.00	46.40 1.61 0.00	43.39 1.63 0.00	42.48 1.95 0.00	42.15 1.77 0.00	43.88 1.81 0.00	45.51 1.79 0.00	54.96 2.42 0.00	67.06 2.02 0.00	83.63 2.83 0.00	80.92 2.66 0.00	65.22 2.15 0.00	58.73 1.93 0.00	53.93 1.77 0.00	49.04 1.56 0.00
PLATSBURG_115KV_PMLD1 355749	48.51 0.95 0.00	46.85 0.92 0.00	44.73 0.83 0.00	42.51 0.92 0.00	42.29 0.95 0.00	43.82 0.94 0.00	49.94 0.98 0.00	59.49 1.05 0.00	57.47 1.07 0.00	48.20 1.04 0.00	45.68 0.90 0.00	42.93 1.17 0.00	41.42 0.89 0.00	41.18 0.81 0.00	42.96 0.88 0.00	44.73 1.01 0.00	52.70 0.16 0.00	65.10 0.07 0.00	80.96 0.16 0.00	78.42 0.16 0.00	63.20 0.13 0.00	56.74 -0.06 0.00	52.62 0.47 0.00	48.61 1.14 0.00
PLEASANTVLY___LBMP 24000	49.12 1.57 0.00	47.36 1.42 0.00	45.21 1.32 0.00	42.84 1.25 0.00	42.54 1.20 0.00	44.12 1.24 0.00	49.94 0.98 0.00	59.43 0.99 0.00	57.36 0.96 0.00	48.15 0.99 0.00	45.99 1.21 0.00	42.93 1.17 0.00	41.95 1.42 0.00	41.71 1.33 0.00	43.51 1.43 0.00	45.08 1.36 0.00	54.32 1.79 0.00	66.73 1.69 0.00	83.14 2.34 0.00	80.45 2.19 0.00	65.03 1.96 0.00	58.45 1.65 0.00	53.35 1.20 0.00	48.71 1.23 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	49.50 1.95 0.00	47.72 1.79 0.00	45.56 1.67 0.00	43.17 1.58 0.00	42.87 1.53 0.00	44.46 1.59 0.00	50.28 1.32 0.00	59.84 1.40 0.00	57.75 1.35 0.00	48.53 1.37 0.00	46.35 1.57 0.00	43.30 1.55 0.00	42.36 1.82 0.00	42.03 1.66 0.00	43.88 1.81 0.00	45.43 1.71 0.00	54.80 2.26 0.00	67.25 2.21 0.00	83.87 3.07 0.00	81.16 2.90 0.00	65.54 2.46 0.00	58.90 2.10 0.00	53.77 1.62 0.00	49.04 1.57 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	49.50 1.95 0.00	47.72 1.79 0.00	45.56 1.67 0.00	43.17 1.58 0.00	42.87 1.53 0.00	44.46 1.59 0.00	50.28 1.32 0.00	59.84 1.40 0.00	57.75 1.35 0.00	48.53 1.37 0.00	46.35 1.57 0.00	43.30 1.55 0.00	42.36 1.82 0.00	42.03 1.66 0.00	43.88 1.81 0.00	45.43 1.71 0.00	54.80 2.26 0.00	67.25 2.21 0.00	83.87 3.07 0.00	81.16 2.90 0.00	65.54 2.46 0.00	58.90 2.10 0.00	53.77 1.62 0.00	49.04 1.57 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	49.46 1.90 0.00	47.63 1.70 0.00	45.52 1.62 0.00	43.13 1.54 0.00	42.87 1.53 0.00	44.42 1.54 0.00	50.28 1.32 0.00	59.84 1.40 0.00	57.81 1.41 0.00	48.39 1.23 0.00	46.22 1.43 0.00	43.09 1.34 0.00	42.07 1.54 0.00	41.83 1.45 0.00	43.63 1.56 0.00	45.25 1.53 0.00	54.64 2.10 0.00	67.32 2.28 0.00	83.95 3.15 0.00	81.31 3.05 0.00	65.60 2.52 0.00	58.96 2.16 0.00	53.77 1.62 0.00	49.04 1.57 0.00
POLETTI_____ 23519	41.41 1.71 7.85	39.97 1.52 7.48	35.37 1.36 9.89	35.41 1.29 7.47	35.41 1.24 7.17	35.41 1.24 8.71	41.61 0.98 8.33	48.51 0.76 10.68	44.62 0.79 12.57	37.90 0.99 10.25	36.51 1.30 9.58	36.02 1.38 7.12	36.01 1.66 6.19	36.02 1.49 5.85	36.09 1.68 7.66	36.76 1.53 8.49	39.84 2.05 14.75	40.99 1.63 25.68	57.83 2.34 25.31	55.11 2.19 25.35	44.08 1.89 20.89	45.21 1.65 13.24	39.34 1.30 14.11	38.49 1.23 10.22
POMONA___ESR 323819	49.55 2.00 0.00	47.72 1.79 0.00	45.56 1.67 0.00	43.17 1.58 0.00	42.87 1.53 0.00	44.46 1.59 0.00	50.28 1.32 0.00	59.84 1.40 0.00	57.75 1.35 0.00	48.48 1.32 0.00	46.35 1.57 0.00	43.30 1.55 0.00	42.31 1.78 0.00	42.03 1.66 0.00	43.76 1.68 0.00	45.42 1.70 0.00	54.80 2.26 0.00	67.12 2.08 0.00	83.63 2.83 0.00	80.92 2.66 0.00	65.28 2.21 0.00	58.73 1.93 0.00	53.87 1.72 0.00	49.04 1.56 0.00
PORT_JEFF_3 23555	48.36 0.81 0.01	46.85 0.92 0.00	45.12 1.23 0.00	42.84 1.25 0.00	42.54 1.20 0.00	44.07 1.20 0.00	49.20 0.25 0.01	58.30 -0.12 0.02	56.22 -0.17 0.02	47.01 -0.14 0.01	45.36 0.63 0.06	42.34 0.58 0.00	41.54 1.01 0.00	41.50 1.13 0.00	43.08 1.01 0.00	44.94 1.22 0.00	53.84 1.31 0.01	65.62 0.58 0.01	81.20 0.41 0.01	78.40 0.16 0.02	63.83 0.76 0.01	57.19 0.40 0.02	50.67 0.26 1.74	47.90 0.43 0.01
PORT_JEFF_4 23616	48.36 0.81 0.01	46.85 0.92 0.00	45.12 1.23 0.00	42.84 1.25 0.00	42.54 1.20 0.00	44.07 1.20 0.00	49.20 0.25 0.01	58.30 -0.12 0.02	56.22 -0.17 0.02	47.01 -0.14 0.01	45.36 0.63 0.06	42.34 0.58 0.00	41.54 1.01 0.00	41.50 1.13 0.00	43.08 1.01 0.00	44.94 1.22 0.00	53.84 1.31 0.01	65.62 0.58 0.01	81.20 0.41 0.01	78.40 0.16 0.02	63.83 0.76 0.01	57.19 0.40 0.02	50.67 0.26 1.74	47.90 0.43 0.01

PORT_JEFF_IC 23713	48.36 0.81 0.00	46.90 0.96 0.00	44.82 0.92 0.00	42.88 1.29 0.00	42.58 1.24 0.00	44.12 1.24 0.00	49.21 0.24 0.00	58.30 -0.12 0.02	56.27 -0.11 0.02	47.06 -0.09 0.00	45.40 0.67 0.06	42.38 0.63 0.00	41.58 1.05 0.00	41.54 1.17 0.00	43.21 1.14 0.00	44.99 1.27 0.00	53.84 1.31 0.01	65.75 0.72 0.01	81.52 0.73 0.01	78.79 0.55 0.02	64.27 1.20 0.01	57.47 0.68 0.02	50.58 0.16 1.73	47.95 0.47 0.00
PPL PILGRIM_ST_GT1 24216	48.88 1.33 0.01	47.26 1.33 0.00	45.56 1.67 0.00	43.26 1.67 0.00	42.95 1.61 0.00	44.46 1.59 0.00	49.54 0.59 0.01	58.77 0.35 0.01	56.61 0.23 0.01	47.67 0.52 0.01	46.08 1.30 0.01	42.88 1.13 0.00	41.99 1.46 0.00	41.94 1.57 0.00	43.55 1.47 0.00	45.38 1.66 0.00	54.16 1.63 0.01	66.26 1.23 0.01	82.17 1.37 0.01	78.32 0.08 0.01	64.52 1.45 0.01	57.92 1.14 0.01	50.68 0.21 1.68	48.42 0.95 0.00
PPL PILGRIM_ST_GT2 24217	48.88 1.33 0.01	47.26 1.33 0.00	45.56 1.67 0.00	43.26 1.67 0.00	42.95 1.61 0.00	44.46 1.59 0.00	49.54 0.59 0.01	58.77 0.35 0.01	56.61 0.23 0.01	47.67 0.52 0.01	46.08 1.30 0.01	42.88 1.13 0.00	41.99 1.46 0.00	41.94 1.57 0.00	43.55 1.47 0.00	45.38 1.66 0.00	54.16 1.63 0.01	66.26 1.23 0.01	82.17 1.37 0.01	78.32 0.08 0.01	64.52 1.45 0.01	57.92 1.14 0.01	50.68 0.21 1.68	48.42 0.95 0.00
PPL_SHRM_GT3 24213	48.07 0.52 0.01	46.71 0.78 0.00	44.94 1.05 0.00	42.67 1.08 0.00	42.42 1.07 0.00	43.90 1.03 0.00	49.35 0.39 0.01	58.48 0.06 0.02	56.39 0.00 0.02	46.63 -0.52 0.01	44.91 0.18 0.06	41.96 0.21 0.00	41.34 0.81 0.00	41.30 0.93 0.00	42.87 0.80 0.00	44.72 1.01 0.00	53.95 1.42 0.01	65.42 0.39 0.01	80.79 0.00 0.01	78.09 -0.16 0.02	63.63 0.57 0.01	56.84 0.06 0.02	50.52 0.10 1.74	47.71 0.24 0.01
PPL_SHRM_GT4 24214	48.07 0.52 0.01	46.71 0.78 0.00	44.94 1.05 0.00	42.67 1.08 0.00	42.42 1.07 0.00	43.90 1.03 0.00	49.35 0.39 0.01	58.48 0.06 0.02	56.39 0.00 0.02	46.63 -0.52 0.01	44.91 0.18 0.06	41.96 0.21 0.00	41.34 0.81 0.00	41.30 0.93 0.00	42.87 0.80 0.00	44.72 1.01 0.00	53.95 1.42 0.01	65.42 0.39 0.01	80.79 0.00 0.01	78.09 -0.16 0.02	63.63 0.57 0.01	56.84 0.06 0.02	50.52 0.10 1.74	47.71 0.24 0.01
PROJECT___ORANGE 1 24174	46.94 -0.62 0.00	45.29 -0.64 0.00	43.28 -0.61 0.00	41.01 -0.58 0.00	40.77 -0.58 0.00	42.27 -0.60 0.00	48.37 -0.59 0.00	57.85 -0.58 0.00	55.89 -0.51 0.00	46.78 -0.38 0.00	44.38 -0.40 0.00	41.30 -0.46 0.00	40.05 -0.49 0.00	39.89 -0.48 0.00	41.57 -0.50 0.00	43.15 -0.57 0.00	51.91 -0.63 0.00	64.39 -0.65 0.00	80.29 -0.81 -0.29	77.70 -0.78 -0.22	62.26 -0.82 0.00	56.18 -0.62 0.00	51.63 -0.52 0.00	46.81 -0.66 0.00
PROJECT___ORANGE 2 24166	46.94 -0.62 0.00	45.29 -0.64 0.00	43.28 -0.61 0.00	41.01 -0.58 0.00	40.77 -0.58 0.00	42.27 -0.60 0.00	48.37 -0.59 0.00	57.85 -0.58 0.00	55.89 -0.51 0.00	46.78 -0.38 0.00	44.38 -0.40 0.00	41.30 -0.46 0.00	40.05 -0.49 0.00	39.89 -0.48 0.00	41.57 -0.50 0.00	43.15 -0.57 0.00	51.91 -0.63 0.00	64.39 -0.65 0.00	80.29 -0.81 -0.29	77.70 -0.78 -0.22	62.26 -0.82 0.00	56.18 -0.62 0.00	51.63 -0.52 0.00	46.81 -0.66 0.00
PUCKETT___SOLAR 323809	48.46 0.90 0.00	46.80 0.87 0.00	44.73 0.83 0.00	42.42 0.83 0.00	42.17 0.83 0.00	43.73 0.86 0.00	49.99 1.03 0.00	59.95 1.52 0.00	57.75 1.35 0.00	48.20 1.04 0.00	45.73 0.94 0.00	42.42 0.67 0.00	41.14 0.61 0.00	40.94 0.56 0.00	42.66 0.59 0.00	44.29 0.57 0.00	53.27 0.74 0.00	66.21 1.17 0.00	82.33 1.53 0.00	79.91 1.65 0.00	64.08 1.01 0.00	57.76 0.96 0.00	53.04 0.89 0.00	48.23 0.76 0.00
PYRITES___HYD 24023	49.74 2.19 0.00	48.14 2.20 0.00	46.00 2.11 0.00	43.67 2.08 0.00	43.45 2.11 0.00	45.02 2.14 0.00	51.75 2.79 0.00	61.53 3.10 0.00	58.94 2.54 0.00	48.72 1.56 0.00	46.13 1.34 0.00	43.30 1.55 0.00	41.79 1.26 0.00	41.50 1.13 0.00	43.25 1.18 0.00	45.16 1.44 0.00	54.27 1.73 0.00	67.77 2.73 0.00	84.68 3.88 0.00	82.33 4.07 0.00	66.17 3.09 0.00	59.58 2.78 0.00	54.92 2.76 0.00	49.99 2.52 0.00
QUAKERRD_115KV_BK1 80622	46.03 -1.52 0.00	44.42 -1.52 0.00	42.40 -1.49 0.00	40.14 -1.46 0.00	39.90 -1.45 0.00	41.42 -1.46 0.00	47.54 -1.42 0.00	57.03 -1.40 0.00	55.27 -1.13 0.00	46.31 -0.85 0.00	43.98 -0.81 0.00	40.92 -0.84 0.00	39.68 -0.85 0.00	39.41 -0.97 0.00	41.07 -1.01 0.00	42.41 -1.31 0.00	50.70 -1.84 0.00	63.09 -1.95 0.00	78.38 -2.42 0.00	75.76 -2.50 0.00	60.55 -2.52 0.00	54.93 -1.87 0.00	50.80 -1.36 0.00	45.77 -1.71 0.00
QUENSBRY_115KV_TB8 356137	49.08 1.52 0.00	47.40 1.47 0.00	45.34 1.45 0.00	42.92 1.33 0.00	42.67 1.32 0.00	44.07 1.20 0.00	50.19 1.22 0.00	59.90 1.46 0.00	57.70 1.30 0.00	47.87 0.71 0.00	45.19 0.40 0.00	42.01 0.25 0.00	40.65 0.12 0.00	40.70 0.32 0.00	42.41 0.34 0.00	44.29 0.57 0.00	53.75 1.21 0.00	67.19 2.15 0.00	83.63 2.83 0.00	80.92 2.66 0.00	65.22 2.14 0.00	58.39 1.59 0.00	53.61 1.46 0.00	48.76 1.28 0.00
RAMAPO___LBMP 323565	49.36 1.81 0.00	47.59 1.65 0.00	45.43 1.54 0.00	43.05 1.46 0.00	42.75 1.41 0.00	44.33 1.46 0.00	50.14 1.18 0.00	59.72 1.29 0.00	57.58 1.18 0.00	48.39 1.23 0.00	46.22 1.43 0.00	43.18 1.42 0.00	42.19 1.66 0.00	41.91 1.53 0.00	43.72 1.64 0.00	45.30 1.57 0.00	54.59 2.05 0.00	67.06 2.02 0.00	83.55 2.75 0.00	80.92 2.66 0.00	65.35 2.27 0.00	58.67 1.87 0.00	53.56 1.41 0.00	48.90 1.42 0.00
RANKINE____ 23646	46.79 -0.76 0.00	45.20 -0.73 0.00	43.15 -0.75 0.00	40.93 -0.67 0.00	40.60 -0.74 0.00	42.14 -0.73 0.00	48.42 -0.54 0.00	58.14 -0.29 0.00	56.57 0.17 0.00	47.63 0.47 0.00	45.46 0.67 0.00	42.09 0.33 0.00	40.86 0.32 0.00	40.62 0.24 0.00	42.37 0.29 0.00	43.37 -0.35 0.00	50.96 -1.58 0.00	63.41 -1.63 0.00	78.14 -2.67 0.00	75.52 -2.74 0.00	60.05 -3.03 0.00	54.76 -2.04 0.00	51.74 -0.42 0.00	46.15 -1.33 0.00
RAVENSWOOD_GT2_1 24244	49.84 2.28 0.00	47.95 2.02 0.00	45.74 1.84 0.00	43.34 1.75 0.00	43.04 1.70 0.00	44.63 1.76 0.00	50.53 1.57 0.00	60.07 1.64 0.00	57.98 1.58 0.00	48.72 1.56 0.00	46.58 1.79 0.00	43.55 1.80 0.00	42.64 2.11 0.00	42.31 1.94 0.00	44.18 2.10 0.00	45.69 1.97 0.00	55.17 2.63 0.00	67.51 2.47 0.00	84.20 3.39 0.00	81.47 3.21 0.00	65.79 2.71 0.00	59.19 2.39 0.00	54.03 1.88 0.00	49.28 1.80 0.00
RAVENSWOOD_GT2_2 24245	49.84 2.28 0.00	47.95 2.02 0.00	45.74 1.84 0.00	43.34 1.75 0.00	43.04 1.70 0.00	44.63 1.76 0.00	50.53 1.57 0.00	60.07 1.64 0.00	57.98 1.58 0.00	48.72 1.56 0.00	46.58 1.79 0.00	43.55 1.80 0.00	42.64 2.11 0.00	42.31 1.94 0.00	44.18 2.10 0.00	45.69 1.97 0.00	55.17 2.63 0.00	67.51 2.47 0.00	84.20 3.39 0.00	81.47 3.21 0.00	65.79 2.71 0.00	59.19 2.39 0.00	54.03 1.88 0.00	49.28 1.80 0.00

RAVENSWOOD_GT2_3 24246	49.84 2.28 0.00	48.00 2.07 0.00	45.78 1.89 0.00	43.34 1.75 0.00	43.04 1.70 0.00	44.67 1.80 0.00	50.53 1.57 0.00	60.07 1.64 0.00	57.98 1.58 0.00	48.76 1.60 0.00	46.62 1.84 0.00	43.60 1.84 0.00	42.64 2.11 0.00	42.31 1.94 0.00	44.18 2.10 0.00	45.73 2.01 0.00	55.17 2.63 0.00	67.58 2.54 0.00	84.28 3.47 0.00	81.47 3.21 0.00	65.85 2.78 0.00	59.19 2.39 0.00	54.03 1.88 0.00	49.33 1.85 0.00
RAVENSWOOD_GT2_4 24247	49.84 2.28 0.00	48.00 2.07 0.00	45.78 1.89 0.00	43.34 1.75 0.00	43.04 1.70 0.00	44.67 1.80 0.00	50.53 1.57 0.00	60.07 1.64 0.00	57.98 1.58 0.00	48.76 1.60 0.00	46.62 1.84 0.00	43.60 1.84 0.00	42.64 2.11 0.00	42.31 1.94 0.00	44.18 2.10 0.00	45.73 2.01 0.00	55.17 2.63 0.00	67.58 2.54 0.00	84.28 3.47 0.00	81.47 3.21 0.00	65.85 2.78 0.00	59.19 2.39 0.00	54.03 1.88 0.00	49.33 1.85 0.00
RAVENSWOOD_GT3_1 24248	49.84 2.28 0.00	47.95 2.02 0.00	45.74 1.84 0.00	43.34 1.75 0.00	43.04 1.70 0.00	44.67 1.80 0.00	50.53 1.57 0.00	60.07 1.64 0.00	57.98 1.58 0.00	48.72 1.56 0.00	46.58 1.79 0.00	43.60 1.84 0.00	42.64 2.11 0.00	42.31 1.94 0.00	44.18 2.10 0.00	45.69 1.97 0.00	55.17 2.63 0.00	67.51 2.47 0.00	84.20 3.39 0.00	81.47 3.21 0.00	65.85 2.78 0.00	59.19 2.39 0.00	54.03 1.88 0.00	49.28 1.80 0.00
RAVENSWOOD_GT3_2 24249	49.84 2.28 0.00	47.95 2.02 0.00	45.74 1.84 0.00	43.34 1.75 0.00	43.04 1.70 0.00	44.67 1.80 0.00	50.53 1.57 0.00	60.07 1.64 0.00	57.98 1.58 0.00	48.72 1.56 0.00	46.58 1.79 0.00	43.60 1.84 0.00	42.64 2.11 0.00	42.31 1.94 0.00	44.18 2.10 0.00	45.69 1.97 0.00	55.17 2.63 0.00	67.51 2.47 0.00	84.20 3.39 0.00	81.47 3.21 0.00	65.85 2.78 0.00	59.19 2.39 0.00	54.03 1.88 0.00	49.28 1.80 0.00
RAVENSWOOD_GT3_3 24250	49.89 2.33 0.00	48.00 2.07 0.00	45.78 1.89 0.00	43.38 1.79 0.00	43.08 1.74 0.00	44.72 1.84 0.00	50.58 1.62 0.00	60.13 1.69 0.00	58.04 1.64 0.00	48.81 1.65 0.00	46.67 1.88 0.00	43.64 1.88 0.00	42.68 2.15 0.00	42.35 1.98 0.00	44.22 2.15 0.00	45.78 2.05 0.00	55.22 2.68 0.00	67.64 2.60 0.00	84.36 3.56 0.00	81.55 3.29 0.00	65.91 2.84 0.00	59.24 2.44 0.00	54.08 1.93 0.00	49.33 1.85 0.00
RAVENSWOOD_GT3_4 24251	49.89 2.33 0.00	48.00 2.07 0.00	45.78 1.89 0.00	43.38 1.79 0.00	43.08 1.74 0.00	44.72 1.84 0.00	50.58 1.62 0.00	60.13 1.69 0.00	58.04 1.64 0.00	48.81 1.65 0.00	46.67 1.88 0.00	43.64 1.88 0.00	42.68 2.15 0.00	42.35 1.98 0.00	44.22 2.15 0.00	45.78 2.05 0.00	55.22 2.68 0.00	67.64 2.60 0.00	84.36 3.56 0.00	81.55 3.29 0.00	65.91 2.84 0.00	59.24 2.44 0.00	54.08 1.93 0.00	49.33 1.85 0.00
RAVENSWOOD_GT_1 23729	50.08 2.52 -0.01	48.19 2.25 -0.01	45.97 2.06 -0.01	43.55 1.95 -0.01	43.26 1.90 -0.01	44.90 2.02 -0.01	50.78 1.81 0.00	60.25 1.81 0.00	58.15 1.75 0.00	48.95 1.79 0.00	46.80 2.02 0.00	43.76 2.00 0.00	42.85 2.31 -0.01	42.51 2.14 0.00	44.40 2.31 -0.01	45.95 2.23 0.00	55.43 2.89 0.00	67.77 2.73 0.00	84.52 3.72 0.00	81.71 3.44 0.00	66.04 2.96 0.00	59.41 2.61 0.00	54.30 2.14 -0.01	49.53 2.04 -0.01
RAVENSWOOD_GT_10 24258	49.84 2.28 0.00	47.95 2.02 0.00	45.74 1.84 0.00	43.34 1.75 0.00	43.04 1.70 0.00	44.63 1.76 0.00	50.53 1.57 0.00	60.07 1.64 0.00	57.98 1.58 0.00	48.72 1.56 0.00	46.58 1.79 0.00	43.55 1.80 0.00	42.64 2.11 0.00	42.31 1.94 0.00	44.18 2.10 0.00	45.69 1.97 0.00	55.11 2.57 0.00	67.51 2.47 0.00	84.20 3.39 0.00	81.47 3.21 0.00	65.79 2.71 0.00	59.19 2.39 0.00	54.03 1.88 0.00	49.28 1.80 0.00
RAVENSWOOD_GT_11 24259	49.84 2.28 0.00	47.95 2.02 0.00	45.74 1.84 0.00	43.34 1.75 0.00	43.04 1.70 0.00	44.63 1.76 0.00	50.53 1.57 0.00	60.07 1.64 0.00	57.98 1.58 0.00	48.72 1.56 0.00	46.58 1.79 0.00	43.55 1.80 0.00	42.64 2.11 0.00	42.31 1.94 0.00	44.18 2.10 0.00	45.69 1.97 0.00	55.11 2.57 0.00	67.51 2.47 0.00	84.20 3.39 0.00	81.47 3.21 0.00	65.79 2.71 0.00	59.19 2.39 0.00	54.03 1.88 0.00	49.28 1.80 0.00
RAVENSWOOD_GT_4 24252	49.89 2.33 -0.01	48.05 2.11 -0.01	45.83 1.93 -0.01	43.39 1.79 -0.01	43.09 1.74 -0.01	44.73 1.84 -0.01	50.58 1.62 0.00	60.07 1.64 0.00	57.98 1.58 0.00	48.76 1.60 0.00	46.62 1.84 0.00	43.64 1.88 0.00	42.69 2.15 -0.01	42.35 1.98 0.00	44.23 2.15 -0.01	45.78 2.05 0.00	55.22 2.68 0.00	67.58 2.54 0.00	84.27 3.47 0.00	81.55 3.29 0.00	65.85 2.78 0.00	59.24 2.44 0.00	54.09 1.93 -0.01	49.33 1.85 -0.01
RAVENSWOOD_GT_5 24254	49.89 2.33 -0.01	48.05 2.11 -0.01	45.83 1.93 -0.01	43.39 1.79 -0.01	43.09 1.74 -0.01	44.73 1.84 -0.01	50.58 1.62 0.00	60.07 1.64 0.00	57.98 1.58 0.00	48.76 1.60 0.00	46.62 1.84 0.00	43.64 1.88 0.00	42.69 2.15 -0.01	42.35 1.98 0.00	44.23 2.15 -0.01	45.78 2.05 0.00	55.22 2.68 0.00	67.58 2.54 0.00	84.27 3.47 0.00	81.55 3.29 0.00	65.85 2.78 0.00	59.24 2.44 0.00	54.09 1.93 -0.01	49.33 1.85 -0.01
RAVENSWOOD_GT_6 24253	49.89 2.33 -0.01	48.05 2.11 -0.01	45.83 1.93 -0.01	43.39 1.79 -0.01	43.09 1.74 -0.01	44.73 1.84 -0.01	50.58 1.62 0.00	60.07 1.64 0.00	57.98 1.58 0.00	48.76 1.60 0.00	46.62 1.84 0.00	43.64 1.88 0.00	42.69 2.15 -0.01	42.35 1.98 0.00	44.23 2.15 -0.01	45.78 2.05 0.00	55.22 2.68 0.00	67.58 2.54 0.00	84.27 3.47 0.00	81.55 3.29 0.00	65.85 2.78 0.00	59.24 2.44 0.00	54.09 1.93 -0.01	49.33 1.85 -0.01
RAVENSWOOD_GT_7 24255	49.89 2.33 -0.01	48.05 2.11 -0.01	45.83 1.93 -0.01	43.39 1.79 -0.01	43.09 1.74 -0.01	44.73 1.84 -0.01	50.58 1.62 0.00	60.07 1.64 0.00	57.98 1.58 0.00	48.76 1.60 0.00	46.62 1.84 0.00	43.64 1.88 0.00	42.69 2.15 -0.01	42.35 1.98 0.00	44.23 2.15 -0.01	45.78 2.05 0.00	55.22 2.68 0.00	67.58 2.54 0.00	84.27 3.47 0.00	81.55 3.29 0.00	65.85 2.78 0.00	59.24 2.44 0.00	54.09 1.93 -0.01	49.33 1.85 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	49.84 2.28 0.00	47.95 2.02 0.00	45.74 1.84 0.00	43.34 1.75 0.00	43.04 1.70 0.00	44.63 1.76 0.00	50.53 1.57 0.00	60.07 1.64 0.00	57.98 1.58 0.00	48.72 1.56 0.00	46.58 1.79 0.00	43.55 1.80 0.00	42.64 2.11 0.00	42.31 1.94 0.00	44.18 2.10 0.00	45.69 1.97 0.00	55.11 2.57 0.00	67.51 2.47 0.00	84.20 3.39 0.00	81.47 3.21 0.00	65.79 2.71 0.00	59.19 2.39 0.00	54.03 1.88 0.00	49.28 1.80 0.00
RAVENSWOOD_GT_9 24257	49.84 2.28 0.00	47.95 2.02 0.00	45.74 1.84 0.00	43.34 1.75 0.00	43.04 1.70 0.00	44.63 1.76 0.00	50.53 1.57 0.00	60.07 1.64 0.00	57.98 1.58 0.00	48.72 1.56 0.00	46.58 1.79 0.00	43.55 1.80 0.00	42.64 2.11 0.00	42.31 1.94 0.00	44.18 2.10 0.00	45.69 1.97 0.00	55.11 2.57 0.00	67.51 2.47 0.00	84.20 3.39 0.00	81.47 3.21 0.00	65.79 2.71 0.00	59.19 2.39 0.00	54.03 1.88 0.00	49.28 1.80 0.00

RAVENSWOOD___1 23533	50.03 2.47 -0.01	48.19 2.25 -0.01	45.97 2.06 -0.01	43.55 1.96 -0.01	43.25 1.90 -0.01	44.85 1.97 -0.01	50.72 1.76 0.00	60.19 1.75 0.00	58.15 1.75 0.00	48.90 1.75 0.00	46.75 1.97 0.00	43.76 2.00 0.00	42.81 2.27 -0.01	42.47 2.10 0.00	44.27 2.19 -0.01	45.91 2.19 0.00	55.37 2.84 0.00	67.57 2.53 0.00	84.19 3.39 0.00	81.47 3.21 0.00	65.72 2.65 0.00	59.19 2.39 0.00	54.40 2.24 -0.01	49.52 2.04 -0.01
RAVENSWOOD___2 23534	50.03 2.47 -0.01	48.14 2.20 -0.01	45.97 2.06 -0.01	43.51 1.91 -0.01	43.21 1.86 -0.01	44.85 1.97 -0.01	50.72 1.76 0.00	60.19 1.75 0.00	58.09 1.69 0.00	48.90 1.75 0.00	46.75 1.97 0.00	43.76 2.00 0.00	42.81 2.27 -0.01	42.47 2.10 0.00	44.27 2.19 -0.01	45.91 2.19 0.00	55.37 2.84 0.00	67.51 2.47 0.00	84.19 3.39 0.00	81.47 3.21 0.00	65.66 2.59 0.00	59.19 2.39 0.00	54.40 2.24 -0.01	49.48 1.99 -0.01
RAVENSWOOD___3 23535	49.84 2.28 0.00	47.95 2.02 0.00	45.78 1.89 0.00	43.34 1.75 0.00	43.04 1.70 0.00	44.67 1.80 0.00	50.53 1.57 0.00	60.07 1.63 0.00	57.98 1.58 0.00	48.76 1.60 0.00	46.58 1.79 0.00	43.59 1.84 0.00	42.64 2.11 0.00	42.31 1.94 0.00	44.10 2.02 0.00	45.73 2.01 0.00	55.16 2.63 0.00	67.38 2.34 0.00	84.04 3.24 0.00	81.23 2.97 0.00	65.53 2.46 0.00	59.01 2.21 0.00	54.19 2.03 0.00	49.28 1.80 0.00
RAVENSWOOD___4 23820	50.03 2.47 -0.01	48.14 2.20 -0.01	45.96 2.06 -0.01	43.51 1.91 -0.01	43.21 1.86 -0.01	44.81 1.93 -0.01	50.72 1.76 0.00	60.19 1.75 0.00	58.09 1.69 0.00	48.90 1.75 0.00	46.75 1.97 0.00	43.72 1.96 0.00	42.81 2.27 -0.01	42.43 2.06 0.00	44.27 2.19 -0.01	45.86 2.14 0.00	55.37 2.84 0.00	67.51 2.47 0.00	84.19 3.39 0.00	81.39 3.13 0.00	65.66 2.59 0.00	59.13 2.33 0.00	54.40 2.24 -0.01	49.48 1.99 -0.01
RCPL_TRUST___DRP 24196	49.79 2.24 0.00	47.95 2.02 0.00	45.74 1.84 0.00	43.34 1.75 0.00	43.04 1.70 0.00	44.63 1.76 0.00	50.53 1.57 0.00	60.07 1.64 0.00	57.98 1.58 0.00	48.72 1.56 0.00	46.58 1.79 0.00	43.55 1.80 0.00	42.64 2.11 0.00	42.31 1.94 0.00	44.18 2.10 0.00	45.69 1.97 0.00	55.11 2.57 0.00	67.58 2.54 0.00	84.20 3.39 0.00	81.47 3.21 0.00	65.79 2.71 0.00	59.13 2.33 0.00	53.98 1.83 0.00	49.28 1.80 0.00
RED___ROCHESTER 323720	47.41 -0.14 0.00	45.70 -0.23 0.00	43.54 -0.35 0.00	41.26 -0.33 0.00	41.01 -0.33 0.00	42.53 -0.34 0.00	48.91 -0.05 0.00	58.73 0.29 0.00	57.02 0.62 0.00	47.77 0.61 0.00	45.41 0.63 0.00	42.22 0.46 0.00	40.94 0.41 0.00	40.66 0.28 0.00	42.37 0.30 0.00	43.72 0.00 0.00	51.85 -0.68 0.00	64.84 -0.19 0.00	80.72 -0.08 0.00	77.87 -0.39 0.00	62.25 -0.82 0.00	56.46 -0.34 0.00	51.89 -0.26 0.00	47.05 -0.43 0.00
REGAN___SOLAR 323812	49.46 1.90 0.00	47.72 1.79 0.00	45.69 1.80 0.00	43.13 1.54 0.00	42.91 1.57 0.00	44.50 1.63 0.00	50.78 1.81 0.00	60.60 2.16 0.00	57.53 1.13 0.00	46.97 -0.19 0.00	44.02 -0.76 0.00	40.88 -0.88 0.00	39.64 -0.89 0.00	39.65 -0.73 0.00	41.49 -0.59 0.00	43.63 -0.09 0.00	53.59 1.05 0.00	67.57 2.53 0.00	84.27 3.47 0.00	81.79 3.52 0.00	65.79 2.71 0.00	59.07 2.27 0.00	54.19 2.03 0.00	49.18 1.71 0.00
RENSSELAER___COGEN 23796	47.60 0.05 0.00	46.02 0.09 0.00	43.94 0.04 0.00	41.55 -0.04 0.00	41.30 -0.04 0.00	42.87 0.00 0.00	48.77 -0.20 0.00	58.09 -0.35 0.00	56.06 -0.34 0.00	46.83 -0.33 0.00	44.52 -0.27 0.00	41.42 -0.34 0.00	40.29 -0.24 0.00	40.25 -0.12 0.00	42.03 -0.04 0.00	43.72 0.00 0.00	52.64 0.11 0.00	64.97 -0.06 0.00	80.72 -0.08 0.00	78.18 -0.08 0.00	63.08 0.00 0.00	56.80 0.00 0.00	52.05 -0.10 0.00	47.43 -0.05 0.00
REPUBLIC_115KV_BARTNBRK 55605	51.26 3.71 0.00	49.38 3.44 0.00	47.32 3.42 0.00	44.67 3.08 0.00	44.49 3.14 0.00	45.92 3.04 0.00	52.49 3.53 0.00	62.64 4.21 0.00	60.18 3.78 0.00	49.61 2.45 0.00	46.71 1.93 0.00	43.30 1.55 0.00	41.75 1.22 0.00	41.79 1.41 0.00	43.55 1.47 0.00	45.60 1.88 0.00	55.64 3.10 0.00	70.24 5.20 0.00	87.59 6.79 0.00	84.76 6.50 0.00	68.25 5.17 0.00	60.89 4.09 0.00	55.91 3.76 0.00	50.70 3.23 0.00
REVERE_CPPR_DRP 24186	49.08 1.52 0.00	47.49 1.56 0.00	45.43 1.54 0.00	43.01 1.41 0.00	42.75 1.41 0.00	44.37 1.50 0.00	50.82 1.86 0.00	60.77 2.34 0.00	58.26 1.86 0.00	48.53 1.37 0.00	46.08 1.30 0.00	42.76 1.00 0.00	41.51 0.97 0.00	41.30 0.93 0.00	42.96 0.88 0.00	44.77 1.05 0.00	54.22 1.68 0.00	67.25 2.21 0.00	83.79 2.99 0.00	81.39 3.13 0.00	65.28 2.21 0.00	58.96 2.16 0.00	54.13 1.98 0.00	49.14 1.66 0.00
REYNLDPA_13_KV_LD 356490	48.36 0.81 0.00	46.71 0.78 0.00	44.59 0.70 0.00	42.38 0.79 0.00	42.13 0.78 0.00	43.65 0.77 0.00	49.99 1.03 0.00	59.54 1.11 0.00	57.53 1.13 0.00	47.96 0.80 0.00	45.46 0.67 0.00	42.68 0.92 0.00	41.22 0.69 0.00	40.98 0.61 0.00	42.75 0.67 0.00	44.46 0.74 0.00	53.27 0.74 0.00	66.21 1.17 0.00	82.33 1.53 0.00	79.74 1.48 0.00	64.46 1.39 0.00	57.82 1.02 0.00	53.20 1.04 0.00	48.42 0.95 0.00
REYNOLDS_115KV_TB3 80639	47.98 0.43 0.00	46.44 0.51 0.00	44.29 0.40 0.00	41.92 0.33 0.00	41.67 0.33 0.00	43.26 0.39 0.00	49.21 0.24 0.00	58.67 0.23 0.00	56.57 0.17 0.00	47.30 0.14 0.00	44.88 0.09 0.00	41.80 0.04 0.00	40.61 0.08 0.00	40.62 0.24 0.00	42.33 0.25 0.00	44.11 0.39 0.00	53.12 0.58 0.00	65.62 0.59 0.00	81.61 0.81 0.00	78.97 0.70 0.00	63.83 0.76 0.00	57.37 0.57 0.00	52.41 0.26 0.00	47.85 0.38 0.00
RIVERBAY____ 323610	50.51 2.95 -0.01	48.65 2.71 -0.01	46.40 2.50 -0.01	43.97 2.37 -0.01	43.67 2.32 -0.01	45.24 2.36 -0.01	51.12 2.15 0.00	60.60 2.16 0.00	58.49 2.09 0.00	49.19 2.03 0.00	47.02 2.24 0.00	43.97 2.21 0.00	43.04 2.51 0.01	42.68 2.30 0.00	44.59 2.52 0.01	46.13 2.40 0.00	55.69 3.15 0.00	68.03 2.99 0.00	84.92 4.12 0.00	82.10 3.83 0.00	66.36 3.28 0.00	59.70 2.90 0.00	54.72 2.56 -0.01	49.86 2.37 -0.01
RIVERSDE_115KV_TB3 55908	47.65 0.10 0.00	46.07 0.14 0.00	43.98 0.09 0.00	41.59 0.00 0.00	41.39 0.04 0.00	42.92 0.04 0.00	48.82 -0.15 0.00	58.20 -0.23 0.00	56.12 -0.28 0.00	46.92 -0.24 0.00	44.56 -0.22 0.00	41.51 -0.25 0.00	40.33 -0.20 0.00	40.33 -0.04 0.00	42.08 0.00 0.00	43.81 0.09 0.00	52.70 0.16 0.00	65.17 0.13 0.00	80.96 0.16 0.00	78.42 0.16 0.00	63.39 0.32 0.00	56.91 0.11 0.00	52.00 -0.16 0.00	47.47 0.00 0.00
ROARING___BROOK_WT_PWR 323790	47.65 0.10 0.00	46.02 0.09 0.00	43.98 0.09 0.00	41.72 0.13 0.00	41.47 0.12 0.00	43.00 0.13 0.00	49.11 0.15 0.00	58.61 0.18 0.00	56.57 0.17 0.00	47.30 0.14 0.00	44.88 0.09 0.00	41.88 0.13 0.00	40.65 0.12 0.00	40.46 0.08 0.00	42.16 0.08 0.00	43.85 0.13 0.00	52.64 0.11 0.00	65.17 0.13 0.00	80.96 0.16 0.00	78.26 0.00 0.00	63.08 0.00 0.00	56.80 0.00 0.00	52.15 0.00 0.00	47.52 0.05 0.00

ROCHESRG_115KV_T4 355643	46.94 -0.62 0.00	45.29 -0.64 0.00	43.24 -0.66 0.00	40.93 -0.67 0.00	40.68 -0.66 0.00	42.23 -0.64 0.00	48.47 -0.49 0.00	58.20 -0.23 0.00	56.46 0.06 0.00	47.30 0.14 0.00	44.96 0.18 0.00	41.80 0.04 0.00	40.53 0.00 0.00	40.29 -0.08 0.00	41.99 -0.08 0.00	43.33 -0.39 0.00	51.65 -0.89 0.00	64.26 -0.78 0.00	79.75 -1.05 0.00	77.09 -1.17 0.00	61.56 -1.51 0.00	55.89 -0.91 0.00	51.89 -0.26 0.00	46.62 -0.85 0.00
ROCHESTER_9_IC 23652	47.17 -0.38 0.00	45.52 -0.41 0.00	43.41 -0.48 0.00	41.13 -0.46 0.00	40.85 -0.50 0.00	42.40 -0.47 0.00	48.72 -0.24 0.00	58.49 0.06 0.00	56.74 0.34 0.00	47.54 0.38 0.00	45.19 0.40 0.00	42.01 0.25 0.00	40.78 0.24 0.00	40.50 0.12 0.00	42.20 0.13 0.00	43.50 -0.22 0.00	51.91 -0.63 0.00	64.65 -0.39 0.00	80.32 -0.48 0.00	77.56 -0.70 0.00	61.88 -1.20 0.00	56.23 -0.57 0.00	52.15 0.00 0.00	46.86 -0.62 0.00
ROCKVIEW_13_KV_LD 356306	49.70 2.14 0.00	47.86 1.93 0.00	45.69 1.80 0.00	43.30 1.71 0.00	43.00 1.65 0.00	44.59 1.71 0.00	50.43 1.47 0.00	60.01 1.58 0.00	57.92 1.52 0.00	48.72 1.56 0.00	46.58 1.79 0.00	43.51 1.75 0.00	42.56 2.03 0.00	42.23 1.86 0.00	44.10 2.02 0.00	45.64 1.92 0.00	55.06 2.52 0.00	67.58 2.54 0.00	84.20 3.39 0.00	81.47 3.21 0.00	65.85 2.78 0.00	59.13 2.33 0.00	53.93 1.77 0.00	49.23 1.76 0.00
ROME____115KV_TB2 80656	49.08 1.52 0.00	47.49 1.56 0.00	45.43 1.54 0.00	43.01 1.41 0.00	42.75 1.41 0.00	44.37 1.50 0.00	50.82 1.86 0.00	60.77 2.34 0.00	58.26 1.86 0.00	48.53 1.37 0.00	46.08 1.30 0.00	42.76 1.00 0.00	41.51 0.97 0.00	41.30 0.93 0.00	42.96 0.88 0.00	44.77 1.05 0.00	54.22 1.68 0.00	67.25 2.21 0.00	83.79 2.99 0.00	81.39 3.13 0.00	65.28 2.21 0.00	58.96 2.16 0.00	54.13 1.98 0.00	49.14 1.66 0.00
ROSETON___1 23587	49.17 1.62 0.00	47.40 1.47 0.00	45.26 1.36 0.00	42.88 1.29 0.00	42.58 1.24 0.00	44.16 1.29 0.00	49.94 0.98 0.00	59.43 0.99 0.00	57.36 0.96 0.00	48.20 1.04 0.00	46.04 1.25 0.00	42.97 1.21 0.00	41.99 1.46 0.00	41.70 1.33 0.00	43.46 1.39 0.00	45.12 1.40 0.00	54.33 1.79 0.00	66.60 1.56 0.00	82.98 2.18 0.00	80.29 2.03 0.00	64.71 1.64 0.00	58.27 1.47 0.00	53.51 1.35 0.00	48.76 1.28 0.00
ROSETON___2 23588	49.17 1.62 0.00	47.40 1.47 0.00	45.26 1.36 0.00	42.88 1.29 0.00	42.58 1.24 0.00	44.16 1.29 0.00	49.94 0.98 0.00	59.43 0.99 0.00	57.36 0.96 0.00	48.20 1.04 0.00	46.04 1.25 0.00	42.97 1.21 0.00	41.99 1.46 0.00	41.70 1.33 0.00	43.46 1.39 0.00	45.12 1.40 0.00	54.33 1.79 0.00	66.60 1.56 0.00	82.98 2.18 0.00	80.29 2.03 0.00	64.71 1.64 0.00	58.27 1.47 0.00	53.51 1.35 0.00	48.76 1.28 0.00
ROTRRDAM_115KV_TB3 80664	48.55 1.00 0.00	46.90 0.96 0.00	44.82 0.92 0.00	42.42 0.83 0.00	42.17 0.83 0.00	43.73 0.86 0.00	49.79 0.83 0.00	59.37 0.93 0.00	57.19 0.79 0.00	47.72 0.57 0.00	45.23 0.45 0.00	42.13 0.38 0.00	40.94 0.41 0.00	40.86 0.48 0.00	42.58 0.50 0.00	44.33 0.61 0.00	53.54 1.00 0.00	66.34 1.30 0.00	82.50 1.70 0.00	79.90 1.64 0.00	64.46 1.39 0.00	57.94 1.14 0.00	53.09 0.94 0.00	48.33 0.85 0.00
RUSSELL___1 23602	47.41 -0.14 0.00	45.70 -0.23 0.00	43.59 -0.31 0.00	41.26 -0.33 0.00	41.01 -0.33 0.00	42.53 -0.34 0.00	48.91 -0.05 0.00	58.73 0.29 0.00	57.02 0.62 0.00	47.77 0.61 0.00	45.41 0.63 0.00	42.22 0.46 0.00	40.94 0.41 0.00	40.66 0.28 0.00	42.37 0.29 0.00	43.72 0.00 0.00	52.12 -0.42 0.00	64.97 -0.07 0.00	80.80 0.00 0.00	78.03 -0.23 0.00	62.19 -0.88 0.00	56.52 -0.28 0.00	52.41 0.26 0.00	47.05 -0.43 0.00
RUSSELL___2 23532	47.41 -0.14 0.00	45.70 -0.23 0.00	43.59 -0.31 0.00	41.26 -0.33 0.00	41.01 -0.33 0.00	42.53 -0.34 0.00	48.91 -0.05 0.00	58.73 0.29 0.00	57.02 0.62 0.00	47.77 0.61 0.00	45.41 0.63 0.00	42.22 0.46 0.00	40.94 0.41 0.00	40.66 0.28 0.00	42.37 0.29 0.00	43.72 0.00 0.00	52.12 -0.42 0.00	64.97 -0.07 0.00	80.80 0.00 0.00	78.03 -0.23 0.00	62.19 -0.88 0.00	56.52 -0.28 0.00	52.41 0.26 0.00	47.05 -0.43 0.00
RUSSELL___3 23549	47.41 -0.14 0.00	45.70 -0.23 0.00	43.59 -0.31 0.00	41.26 -0.33 0.00	41.01 -0.33 0.00	42.53 -0.34 0.00	48.91 -0.05 0.00	58.73 0.29 0.00	57.02 0.62 0.00	47.77 0.61 0.00	45.41 0.63 0.00	42.22 0.46 0.00	40.94 0.41 0.00	40.66 0.28 0.00	42.37 0.29 0.00	43.72 0.00 0.00	52.12 -0.42 0.00	64.97 -0.07 0.00	80.80 0.00 0.00	78.03 -0.23 0.00	62.19 -0.88 0.00	56.52 -0.28 0.00	52.41 0.26 0.00	47.05 -0.43 0.00
RUSSELL___4 23556	47.41 -0.14 0.00	45.70 -0.23 0.00	43.59 -0.31 0.00	41.26 -0.33 0.00	41.01 -0.33 0.00	42.53 -0.34 0.00	48.91 -0.05 0.00	58.73 0.29 0.00	57.02 0.62 0.00	47.77 0.61 0.00	45.41 0.63 0.00	42.22 0.46 0.00	40.94 0.41 0.00	40.66 0.28 0.00	42.37 0.29 0.00	43.72 0.00 0.00	52.12 -0.42 0.00	64.97 -0.07 0.00	80.80 0.00 0.00	78.03 -0.23 0.00	62.19 -0.88 0.00	56.52 -0.28 0.00	52.41 0.26 0.00	47.05 -0.43 0.00
RUSSELL___STATION 23914	47.41 -0.14 0.00	45.70 -0.23 0.00	43.59 -0.31 0.00	41.26 -0.33 0.00	41.01 -0.33 0.00	42.53 -0.34 0.00	48.91 -0.05 0.00	58.73 0.29 0.00	57.02 0.62 0.00	47.77 0.61 0.00	45.41 0.63 0.00	42.22 0.46 0.00	40.94 0.41 0.00	40.66 0.28 0.00	42.37 0.29 0.00	43.72 0.00 0.00	52.12 -0.42 0.00	64.97 -0.07 0.00	80.80 0.00 0.00	78.03 -0.23 0.00	62.19 -0.88 0.00	56.52 -0.28 0.00	52.41 0.26 0.00	47.05 -0.43 0.00
S SALMON___HYD 24043	47.32 -0.24 0.00	45.75 -0.18 0.00	43.72 -0.17 0.00	41.38 -0.21 0.00	41.14 -0.21 0.00	42.70 -0.17 0.00	48.91 -0.05 0.00	58.38 -0.06 0.00	56.12 -0.28 0.00	46.88 -0.28 0.00	44.47 -0.31 0.00	41.34 -0.42 0.00	40.09 -0.44 0.00	39.89 -0.48 0.00	41.57 -0.50 0.00	43.24 -0.48 0.00	52.17 -0.37 0.00	64.78 -0.26 0.00	82.43 -0.24 -1.87	79.59 -0.08 -1.41	62.89 -0.19 0.00	56.80 0.00 0.00	52.10 -0.05 0.00	47.33 -0.14 0.00
S.PERRY__115KV_TB1 80734	48.79 1.24 0.00	46.99 1.06 0.00	44.86 0.97 0.00	42.51 0.92 0.00	42.21 0.87 0.00	43.82 0.94 0.00	50.53 1.57 0.00	60.72 2.28 0.00	58.66 2.26 0.00	48.72 1.56 0.00	46.04 1.25 0.00	42.64 0.88 0.00	41.26 0.73 0.00	41.10 0.73 0.00	42.92 0.84 0.00	44.29 0.57 0.00	53.01 0.47 0.00	66.67 1.63 0.00	83.31 2.50 0.00	80.45 2.19 0.00	63.96 0.88 0.00	58.05 1.25 0.00	53.87 1.72 0.00	48.33 0.85 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	46.46 -1.09 0.00	44.92 -1.01 0.00	42.88 -1.01 0.00	40.68 -0.92 0.00	40.35 -0.99 0.00	41.89 -0.99 0.00	48.13 -0.83 0.00	57.79 -0.64 0.00	56.29 -0.11 0.00	47.39 0.24 0.00	45.23 0.45 0.00	41.93 0.17 0.00	40.65 0.12 0.00	40.41 0.04 0.00	42.20 0.13 0.00	43.15 -0.57 0.00	50.70 -1.84 0.00	62.89 -2.15 0.00	77.57 -3.23 0.00	74.90 -3.37 0.00	59.61 -3.47 0.00	54.47 -2.33 0.00	51.48 -0.68 0.00	45.86 -1.61 0.00

SAWYER___23_KV_LOAD 55526	46.46 -1.09 0.00	44.92 -1.01 0.00	42.88 -1.01 0.00	40.68 -0.92 0.00	40.35 -0.99 0.00	41.89 -0.99 0.00	48.13 -0.83 0.00	57.79 -0.64 0.00	56.29 -0.11 0.00	47.39 0.24 0.00	45.23 0.45 0.00	41.93 0.17 0.00	40.65 0.12 0.00	40.41 0.04 0.00	42.20 0.13 0.00	43.15 -0.57 0.00	50.70 -1.84 0.00	62.89 -2.15 0.00	77.57 -3.23 0.00	74.90 -3.37 0.00	59.61 -3.47 0.00	54.47 -2.33 0.00	51.48 -0.68 0.00	45.86 -1.61 0.00
SELKIRK___I 23801	48.27 0.71 0.00	46.66 0.73 0.00	44.59 0.70 0.00	42.22 0.62 0.00	41.97 0.62 0.00	43.52 0.64 0.00	49.45 0.49 0.00	58.90 0.47 0.00	56.80 0.40 0.00	47.35 0.19 0.00	44.92 0.13 0.00	41.80 0.04 0.00	40.61 0.08 0.00	40.54 0.16 0.00	42.33 0.25 0.00	44.07 0.35 0.00	53.17 0.63 0.00	65.76 0.72 0.00	81.77 0.97 0.00	79.20 0.94 0.00	63.89 0.82 0.00	57.54 0.74 0.00	52.73 0.57 0.00	48.05 0.57 0.00
SELKIRK___II 23799	47.84 0.29 0.00	46.26 0.32 0.00	44.20 0.31 0.00	41.84 0.25 0.00	41.59 0.25 0.00	43.13 0.26 0.00	49.06 0.10 0.00	58.44 0.00 0.00	56.34 -0.06 0.00	47.16 0.00 0.00	44.79 0.00 0.00	41.72 -0.04 0.00	40.57 0.04 0.00	40.50 0.12 0.00	42.24 0.17 0.00	43.94 0.22 0.00	52.91 0.37 0.00	65.30 0.26 0.00	81.13 0.32 0.00	78.58 0.31 0.00	63.39 0.32 0.00	57.09 0.29 0.00	52.31 0.16 0.00	47.67 0.19 0.00
SENECA OSWGO___HYD 24041	46.65 -0.91 0.00	45.01 -0.92 0.00	43.02 -0.88 0.00	40.76 -0.83 0.00	40.52 -0.83 0.00	42.02 -0.86 0.00	48.08 -0.88 0.00	57.44 -0.99 0.00	55.50 -0.90 0.00	46.45 -0.71 0.00	44.07 -0.72 0.00	41.01 -0.75 0.00	39.76 -0.77 0.00	39.61 -0.77 0.00	41.27 -0.80 0.00	42.85 -0.87 0.00	51.54 -1.00 0.00	63.93 -1.11 0.00	82.30 -1.37 -2.87	79.10 -1.33 -2.17	61.94 -1.13 0.00	55.78 -1.02 0.00	51.22 -0.94 0.00	46.57 -0.90 0.00
SENECA___115KV_TB3 355854	46.84 -0.71 0.00	45.29 -0.64 0.00	43.15 -0.75 0.00	40.97 -0.62 0.00	40.64 -0.70 0.00	42.19 -0.69 0.00	48.52 -0.44 0.00	58.20 -0.23 0.00	56.63 0.23 0.00	47.68 0.52 0.00	45.50 0.71 0.00	42.18 0.42 0.00	40.86 0.32 0.00	40.62 0.24 0.00	42.45 0.38 0.00	43.42 -0.30 0.00	50.60 -1.94 0.00	63.29 -1.75 0.00	78.14 -2.66 0.00	75.37 -2.89 0.00	60.24 -2.84 0.00	54.81 -1.99 0.00	50.80 -1.36 0.00	46.20 -1.28 0.00
SENECA___ENERGY 23797	47.37 -0.19 0.00	45.66 -0.27 0.00	43.63 -0.26 0.00	41.34 -0.25 0.00	41.10 -0.25 0.00	42.66 -0.21 0.00	48.91 -0.05 0.00	58.49 0.06 0.00	56.51 0.11 0.00	47.30 0.14 0.00	44.83 0.04 0.00	41.68 -0.08 0.00	40.41 -0.12 0.00	40.21 -0.16 0.00	41.91 -0.17 0.00	43.46 -0.26 0.00	52.01 -0.53 0.00	64.84 -0.19 0.00	81.38 -0.24 -0.82	78.64 -0.23 -0.62	62.64 -0.44 0.00	56.46 -0.34 0.00	51.79 -0.36 0.00	47.19 -0.28 0.00
SHOEMAKER___GT 23640	49.26 1.71 0.00	47.49 1.56 0.00	45.39 1.49 0.00	42.96 1.37 0.00	42.71 1.36 0.00	44.25 1.37 0.00	50.14 1.17 0.00	59.67 1.23 0.00	57.59 1.19 0.00	48.24 1.09 0.00	46.04 1.25 0.00	42.97 1.21 0.00	41.91 1.38 0.00	41.67 1.29 0.00	43.42 1.35 0.00	45.08 1.36 0.00	54.38 1.84 0.00	66.80 1.76 0.00	83.31 2.51 0.00	80.61 2.35 0.00	64.97 1.89 0.00	58.50 1.70 0.00	53.67 1.51 0.00	48.85 1.38 0.00
SHOEMAKR_138KV_BK 111 55601	49.27 1.71 0.00	47.45 1.52 0.00	45.34 1.45 0.00	42.96 1.37 0.00	42.67 1.32 0.00	44.25 1.37 0.00	50.09 1.13 0.00	59.66 1.23 0.00	57.53 1.13 0.00	48.24 1.08 0.00	46.04 1.25 0.00	42.97 1.21 0.00	41.95 1.42 0.00	41.67 1.29 0.00	43.46 1.39 0.00	45.08 1.36 0.00	54.38 1.84 0.00	66.93 1.89 0.00	83.47 2.67 0.00	80.77 2.50 0.00	65.22 2.14 0.00	58.62 1.82 0.00	53.51 1.36 0.00	48.85 1.38 0.00
SHOREHAM_IC_1 23715	48.07 0.52 0.01	46.71 0.78 0.00	44.94 1.05 0.00	42.67 1.08 0.00	42.42 1.07 0.00	43.90 1.03 0.00	49.35 0.39 0.01	58.48 0.06 0.02	56.39 0.00 0.02	46.63 -0.52 0.01	44.91 0.18 0.06	41.96 0.21 0.00	41.34 0.81 0.00	41.30 0.93 0.00	42.87 0.80 0.00	44.72 1.01 0.00	53.95 1.42 0.01	65.42 0.39 0.01	80.79 0.00 0.01	78.09 -0.16 0.02	63.63 0.57 0.01	56.84 0.06 0.02	50.52 0.10 1.74	47.71 0.24 0.01
SHOREHAM_IC_2 23716	48.03 0.48 0.00	46.71 0.78 0.00	44.46 0.57 0.00	42.67 1.08 0.00	42.42 1.07 0.00	43.90 1.03 0.00	49.35 0.39 0.00	58.48 0.06 0.02	56.39 0.00 0.02	46.59 -0.57 0.00	44.91 0.18 0.06	41.96 0.21 0.00	41.34 0.81 0.00	41.30 0.93 0.00	42.96 0.88 0.00	44.72 1.01 0.00	53.90 1.37 0.01	65.49 0.46 0.01	81.12 0.32 0.01	78.48 0.23 0.02	64.01 0.95 0.01	57.01 0.23 0.02	50.37 -0.05 1.74	47.71 0.24 0.00
SISSONVILLE____ 23735	49.17 1.62 0.00	47.54 1.61 0.00	45.39 1.49 0.00	43.13 1.54 0.00	42.92 1.57 0.00	44.46 1.59 0.00	51.02 2.06 0.00	60.66 2.22 0.00	58.37 1.97 0.00	48.43 1.27 0.00	45.86 1.07 0.00	43.05 1.29 0.00	41.63 1.09 0.00	41.34 0.97 0.00	43.09 1.01 0.00	44.90 1.18 0.00	53.80 1.26 0.00	66.99 1.95 0.00	83.55 2.75 0.00	81.08 2.82 0.00	65.22 2.14 0.00	58.79 1.99 0.00	54.19 2.03 0.00	49.37 1.90 0.00
SITHE_IND_GS1 24169	46.08 -1.47 0.00	44.51 -1.42 0.00	42.53 -1.36 0.00	40.30 -1.29 0.00	40.06 -1.28 0.00	41.54 -1.33 0.00	47.49 -1.47 0.00	56.74 -1.70 0.00	54.82 -1.58 0.00	45.84 -1.32 0.00	43.49 -1.30 0.00	40.51 -1.25 0.00	39.32 -1.21 0.00	39.16 -1.21 0.00	40.81 -1.26 0.00	42.37 -1.36 0.00	50.85 -1.68 0.00	63.09 -1.95 0.00	68.27 -2.51 10.03	68.27 -2.43 7.56	61.05 -2.02 0.00	55.04 -1.76 0.00	50.54 -1.62 0.00	45.95 -1.52 0.00
SITHE_IND_GS2 24170	46.08 -1.47 0.00	44.51 -1.42 0.00	42.53 -1.36 0.00	40.30 -1.29 0.00	40.06 -1.28 0.00	41.54 -1.33 0.00	47.49 -1.47 0.00	56.74 -1.70 0.00	54.82 -1.58 0.00	45.84 -1.32 0.00	43.49 -1.30 0.00	40.51 -1.25 0.00	39.32 -1.21 0.00	39.16 -1.21 0.00	40.81 -1.26 0.00	42.37 -1.36 0.00	50.85 -1.68 0.00	63.09 -1.95 0.00	68.27 -2.51 10.03	68.27 -2.43 7.56	61.05 -2.02 0.00	55.04 -1.76 0.00	50.54 -1.62 0.00	45.95 -1.52 0.00
SITHE_IND_GS3 24171	46.08 -1.47 0.00	44.51 -1.42 0.00	42.53 -1.36 0.00	40.30 -1.29 0.00	40.06 -1.28 0.00	41.54 -1.33 0.00	47.49 -1.47 0.00	56.74 -1.70 0.00	54.82 -1.58 0.00	45.84 -1.32 0.00	43.49 -1.30 0.00	40.51 -1.25 0.00	39.32 -1.21 0.00	39.16 -1.21 0.00	40.81 -1.26 0.00	42.37 -1.36 0.00	50.85 -1.68 0.00	63.09 -1.95 0.00	68.27 -2.51 10.03	68.27 -2.43 7.56	61.05 -2.02 0.00	55.04 -1.76 0.00	50.54 -1.62 0.00	45.95 -1.52 0.00
SITHE_IND_GS4 24172	46.08 -1.47 0.00	44.51 -1.42 0.00	42.53 -1.36 0.00	40.30 -1.29 0.00	40.06 -1.28 0.00	41.54 -1.33 0.00	47.49 -1.47 0.00	56.74 -1.70 0.00	54.82 -1.58 0.00	45.84 -1.32 0.00	43.49 -1.30 0.00	40.51 -1.25 0.00	39.32 -1.21 0.00	39.16 -1.21 0.00	40.81 -1.26 0.00	42.37 -1.36 0.00	50.85 -1.68 0.00	63.09 -1.95 0.00	68.27 -2.51 10.03	68.27 -2.43 7.56	61.05 -2.02 0.00	55.04 -1.76 0.00	50.54 -1.62 0.00	45.95 -1.52 0.00

SITHE___BATAVIA 24024	47.70 0.14 0.00	46.02 0.09 0.00	43.85 -0.04 0.00	41.59 0.00 0.00	41.30 -0.04 0.00	42.87 0.00 0.00	49.40 0.44 0.00	59.08 0.64 0.00	57.30 0.90 0.00	48.10 0.94 0.00	45.82 1.03 0.00	42.47 0.71 0.00	41.06 0.53 0.00	40.86 0.49 0.00	42.66 0.59 0.00	43.68 -0.04 0.00	51.17 -1.37 0.00	64.26 -0.78 0.00	79.84 -0.97 0.00	77.01 -1.26 0.00	61.38 -1.70 0.00	55.89 -0.91 0.00	51.58 -0.57 0.00	47.14 -0.33 0.00
SITHE___INDEPEND 23800	46.08 -1.47 0.00	44.51 -1.42 0.00	42.53 -1.36 0.00	40.30 -1.29 0.00	40.06 -1.28 0.00	41.54 -1.33 0.00	47.49 -1.47 0.00	56.74 -1.69 0.00	54.82 -1.58 0.00	45.84 -1.32 0.00	43.49 -1.30 0.00	40.51 -1.25 0.00	39.32 -1.22 0.00	39.16 -1.21 0.00	40.81 -1.26 0.00	42.37 -1.36 0.00	50.91 -1.63 0.00	63.09 -1.95 0.00	68.27 -2.50 10.03	68.35 -2.35 7.56	61.06 -2.02 0.00	55.10 -1.70 0.00	50.64 -1.51 0.00	45.96 -1.52 0.00
SITHE___MASSENA 23902	48.60 1.04 0.00	46.99 1.06 0.00	44.86 0.96 0.00	42.63 1.04 0.00	42.38 1.03 0.00	43.90 1.03 0.00	50.33 1.37 0.00	59.90 1.46 0.00	57.86 1.46 0.00	48.15 0.99 0.00	45.68 0.90 0.00	42.89 1.13 0.00	41.42 0.89 0.00	41.18 0.81 0.00	42.92 0.84 0.00	44.68 0.96 0.00	53.53 1.00 0.00	66.60 1.56 0.00	82.82 2.02 0.00	80.29 2.03 0.00	64.84 1.76 0.00	58.16 1.36 0.00	53.56 1.41 0.00	48.71 1.23 0.00
SITHE___OGDNSBRG 24021	49.55 2.00 0.00	47.95 2.02 0.00	45.78 1.89 0.00	43.50 1.91 0.00	43.29 1.94 0.00	44.85 1.97 0.00	51.51 2.55 0.00	61.30 2.86 0.00	58.71 2.31 0.00	48.57 1.41 0.00	45.99 1.21 0.00	43.18 1.42 0.00	41.67 1.13 0.00	41.38 1.01 0.00	43.17 1.09 0.00	45.08 1.36 0.00	54.11 1.58 0.00	67.51 2.47 0.00	84.36 3.56 0.00	81.94 3.68 0.00	65.91 2.84 0.00	59.30 2.50 0.00	54.71 2.56 0.00	49.80 2.33 0.00
SITHE___STERLING 23777	48.69 1.14 0.00	47.12 1.19 0.00	45.08 1.19 0.00	42.67 1.08 0.00	42.42 1.07 0.00	44.03 1.16 0.00	50.38 1.42 0.00	60.25 1.81 0.00	57.86 1.46 0.00	48.24 1.09 0.00	45.82 1.03 0.00	42.55 0.79 0.00	41.30 0.77 0.00	41.10 0.73 0.00	42.75 0.67 0.00	44.51 0.79 0.00	53.80 1.26 0.00	66.73 1.69 0.00	83.06 2.26 0.00	80.61 2.35 0.00	64.71 1.64 0.00	58.39 1.59 0.00	53.56 1.41 0.00	48.76 1.28 0.00
SLEIGHT__34_KV_TB1 80719	46.89 -0.67 0.00	45.20 -0.73 0.00	43.15 -0.75 0.00	40.88 -0.71 0.00	40.64 -0.70 0.00	42.14 -0.73 0.00	48.42 -0.54 0.00	58.09 -0.35 0.00	56.29 -0.11 0.00	47.11 -0.05 0.00	44.65 -0.13 0.00	41.55 -0.21 0.00	40.25 -0.28 0.00	40.01 -0.36 0.00	41.70 -0.38 0.00	43.11 -0.61 0.00	51.70 -0.84 0.00	64.39 -0.65 0.00	80.48 -0.73 -0.40	77.78 -0.78 -0.30	61.94 -1.14 0.00	56.06 -0.74 0.00	51.74 -0.42 0.00	46.67 -0.81 0.00
SMITHTWN_69_KV_BK 1 55830	48.46 0.90 0.00	46.94 1.01 0.00	44.90 1.01 0.00	42.92 1.33 0.00	42.67 1.32 0.00	44.16 1.29 0.00	49.26 0.29 0.00	58.36 -0.06 0.02	56.27 -0.11 0.02	47.21 0.05 0.00	45.52 0.81 0.07	42.51 0.75 0.00	41.71 1.18 0.00	41.66 1.29 0.00	43.33 1.26 0.00	45.12 1.40 0.00	53.90 1.37 0.01	65.94 0.91 0.01	82.01 1.21 0.01	79.26 1.02 0.02	64.39 1.32 0.01	57.64 0.85 0.02	50.69 0.26 1.72	48.04 0.57 0.00
SOUTH CAIRO___GT 23612	49.22 1.66 0.00	47.45 1.52 0.00	45.34 1.45 0.00	42.92 1.33 0.00	42.67 1.32 0.00	44.12 1.24 0.00	50.28 1.32 0.00	59.84 1.40 0.00	57.64 1.24 0.00	47.58 0.42 0.00	45.05 0.27 0.00	41.76 0.00 0.00	40.57 0.04 0.00	40.58 0.20 0.00	42.33 0.25 0.00	44.20 0.48 0.00	53.85 1.31 0.00	67.32 2.28 0.00	84.20 3.39 0.00	81.55 3.29 0.00	65.60 2.52 0.00	58.85 2.04 0.00	53.61 1.46 0.00	48.80 1.33 0.00
SOUTH HAMPTN___IC 23720	48.69 1.14 0.01	47.21 1.28 0.00	45.47 1.58 0.00	43.21 1.62 0.00	42.91 1.57 0.00	44.41 1.54 0.00	49.84 0.88 0.01	59.12 0.70 0.02	57.01 0.62 0.02	47.29 0.14 0.01	45.54 0.81 0.06	42.55 0.79 0.00	41.83 1.30 0.00	41.78 1.41 0.00	43.38 1.31 0.00	45.21 1.49 0.00	54.53 2.00 0.01	66.26 1.23 0.01	82.08 1.29 0.01	79.26 1.01 0.02	64.52 1.45 0.01	57.64 0.85 0.02	51.14 0.73 1.74	48.23 0.76 0.01
SOUTHDOW_115KV_TB1 355954	47.89 0.33 0.00	46.25 0.32 0.00	44.16 0.26 0.00	41.84 0.25 0.00	41.51 0.17 0.00	43.09 0.21 0.00	49.55 0.59 0.00	59.78 1.34 0.00	58.15 1.75 0.00	49.00 1.84 0.00	46.71 1.93 0.00	43.26 1.50 0.00	41.95 1.42 0.00	41.67 1.29 0.00	43.42 1.35 0.00	44.42 0.70 0.00	52.22 -0.32 0.00	65.36 0.33 0.00	80.56 -0.24 0.00	77.79 -0.47 0.00	61.75 -1.32 0.00	56.12 -0.68 0.00	52.88 0.73 0.00	47.05 -0.43 0.00
SOUTHOLD_69_KV_BK 2 55809	49.36 1.81 0.00	47.91 1.98 0.00	45.65 1.76 0.00	43.80 2.20 0.00	43.54 2.19 0.00	45.02 2.14 0.00	50.53 1.57 0.00	60.00 1.58 0.02	57.85 1.47 0.02	48.01 0.85 0.00	46.25 1.52 0.06	43.13 1.38 0.00	42.39 1.86 0.00	42.39 2.02 0.00	44.05 1.98 0.00	45.82 2.10 0.00	55.26 2.73 0.01	67.50 2.47 0.01	83.86 3.07 0.01	81.06 2.82 0.02	65.91 2.84 0.01	58.77 1.99 0.02	51.77 1.36 1.74	48.90 1.42 0.00
SOUTHOLD___IC 23719	49.40 1.85 0.01	47.90 1.97 0.00	46.09 2.19 0.00	43.79 2.20 0.00	43.53 2.19 0.00	45.02 2.14 0.00	50.52 1.57 0.01	60.00 1.58 0.02	57.85 1.46 0.02	48.00 0.85 0.01	46.25 1.52 0.06	43.13 1.38 0.00	42.40 1.87 0.00	42.39 2.02 0.00	43.97 1.90 0.00	45.82 2.10 0.00	55.31 2.78 0.01	67.44 2.41 0.01	83.54 2.75 0.01	80.67 2.43 0.02	65.53 2.46 0.01	58.60 1.82 0.02	51.87 1.46 1.74	48.89 1.42 0.01
SOUTH_FORK_WT_PWR 323839	49.50 1.95 0.01	48.00 2.07 0.00	46.17 2.28 0.00	43.92 2.33 0.00	43.62 2.27 0.00	45.10 2.23 0.00	50.62 1.67 0.01	60.12 1.70 0.02	57.96 1.58 0.02	48.09 0.94 0.01	46.34 1.61 0.06	43.21 1.46 0.00	42.48 1.95 0.00	42.43 2.06 0.00	44.05 1.98 0.00	45.90 2.19 0.00	55.42 2.89 0.01	67.57 2.53 0.01	83.70 2.90 0.01	80.83 2.58 0.02	65.66 2.59 0.01	58.72 1.93 0.02	51.98 1.56 1.74	48.99 1.52 0.01
SPIERFLS_115KV_TB 1 80737	48.84 1.28 0.00	47.13 1.19 0.00	45.08 1.19 0.00	42.67 1.08 0.00	42.46 1.12 0.00	43.82 0.94 0.00	49.94 0.98 0.00	59.55 1.11 0.00	57.36 0.96 0.00	47.58 0.42 0.00	44.96 0.18 0.00	41.84 0.08 0.00	40.49 -0.04 0.00	40.54 0.16 0.00	42.24 0.17 0.00	44.11 0.39 0.00	53.43 0.89 0.00	66.73 1.69 0.00	83.06 2.26 0.00	80.37 2.11 0.00	64.84 1.77 0.00	58.05 1.25 0.00	53.30 1.15 0.00	48.47 1.00 0.00
ST LAWRENCE____ 23600	47.84 0.29 0.00	46.21 0.28 0.00	44.16 0.26 0.00	41.88 0.29 0.00	41.64 0.29 0.00	43.18 0.30 0.00	49.40 0.44 0.00	58.90 0.47 0.00	56.91 0.51 0.00	47.49 0.33 0.00	45.06 0.27 0.00	42.18 0.42 0.00	40.82 0.29 0.00	40.62 0.24 0.00	42.37 0.30 0.00	44.07 0.35 0.00	52.80 0.26 0.00	65.56 0.52 0.00	81.45 0.64 0.00	78.96 0.70 0.00	63.71 0.63 0.00	57.25 0.45 0.00	52.62 0.47 0.00	47.90 0.43 0.00

STATE_CA_115KV_115_LB 55624	47.84 0.29 0.00	46.21 0.28 0.00	44.16 0.26 0.00	41.76 0.17 0.00	41.51 0.17 0.00	43.09 0.21 0.00	48.96 0.00 0.00	58.38 -0.06 0.00	56.29 -0.11 0.00	47.06 -0.09 0.00	44.70 -0.09 0.00	41.59 -0.17 0.00	40.41 -0.12 0.00	40.41 0.04 0.00	42.16 0.08 0.00	43.90 0.17 0.00	52.91 0.37 0.00	65.49 0.46 0.00	81.37 0.57 0.00	78.73 0.47 0.00	63.64 0.57 0.00	57.14 0.34 0.00	52.21 0.05 0.00	47.62 0.14 0.00
STATE_ST_34_KV_LOAD 55959	47.46 -0.10 0.00	45.79 -0.14 0.00	43.76 -0.13 0.00	41.47 -0.12 0.00	41.22 -0.12 0.00	42.74 -0.13 0.00	49.01 0.05 0.00	58.67 0.23 0.00	56.63 0.23 0.00	47.35 0.19 0.00	44.83 0.04 0.00	41.72 -0.04 0.00	40.45 -0.08 0.00	40.29 -0.08 0.00	41.99 -0.08 0.00	43.59 -0.13 0.00	52.43 -0.11 0.00	65.36 0.33 0.00	82.12 0.40 -0.91	79.42 0.47 -0.69	63.14 0.06 0.00	56.91 0.11 0.00	52.31 0.16 0.00	47.43 -0.05 0.00
STATION_5_MISC_HYD 23604	47.17 -0.38 0.00	45.52 -0.41 0.00	43.37 -0.52 0.00	41.13 -0.46 0.00	40.85 -0.49 0.00	42.40 -0.47 0.00	48.72 -0.24 0.00	58.49 0.06 0.00	56.74 0.34 0.00	47.53 0.38 0.00	45.19 0.40 0.00	42.01 0.25 0.00	40.78 0.24 0.00	40.46 0.08 0.00	42.20 0.13 0.00	43.50 -0.22 0.00	51.64 -0.89 0.00	64.52 -0.52 0.00	80.24 -0.56 0.00	77.40 -0.86 0.00	61.94 -1.13 0.00	56.18 -0.62 0.00	51.63 -0.52 0.00	46.86 -0.62 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	47.22 -0.33 0.00	45.52 -0.41 0.00	43.45 -0.44 0.00	41.18 -0.42 0.00	40.93 -0.41 0.00	42.49 -0.39 0.00	48.77 -0.20 0.00	58.49 0.06 0.00	56.63 0.23 0.00	47.44 0.28 0.00	44.96 0.18 0.00	41.84 0.08 0.00	40.53 0.00 0.00	40.29 -0.08 0.00	41.99 -0.08 0.00	43.42 -0.31 0.00	51.96 -0.58 0.00	64.78 -0.26 0.00	80.90 -0.32 -0.42	78.19 -0.39 -0.32	62.26 -0.82 0.00	56.35 -0.45 0.00	52.05 -0.10 0.00	46.95 -0.52 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	46.89 -0.67 0.00	45.20 -0.73 0.00	43.15 -0.75 0.00	40.84 -0.75 0.00	40.60 -0.74 0.00	42.14 -0.73 0.00	48.42 -0.54 0.00	58.09 -0.35 0.00	56.34 -0.06 0.00	47.21 0.05 0.00	44.88 0.09 0.00	41.72 -0.04 0.00	40.45 -0.08 0.00	40.21 -0.16 0.00	41.91 -0.17 0.00	43.24 -0.48 0.00	51.59 -0.95 0.00	64.19 -0.85 0.00	79.75 -1.05 0.00	77.09 -1.17 0.00	61.56 -1.51 0.00	55.89 -0.91 0.00	51.79 -0.37 0.00	46.53 -0.95 0.00
STA_56___34_KV_BUS2 355983	46.89 -0.67 0.00	45.20 -0.73 0.00	43.15 -0.75 0.00	40.84 -0.75 0.00	40.60 -0.74 0.00	42.14 -0.73 0.00	48.42 -0.54 0.00	58.09 -0.35 0.00	56.34 -0.06 0.00	47.21 0.05 0.00	44.88 0.09 0.00	41.72 -0.04 0.00	40.45 -0.08 0.00	40.21 -0.16 0.00	41.91 -0.17 0.00	43.24 -0.48 0.00	51.59 -0.95 0.00	64.19 -0.85 0.00	79.75 -1.05 0.00	77.09 -1.17 0.00	61.56 -1.51 0.00	55.89 -0.91 0.00	51.79 -0.37 0.00	46.53 -0.95 0.00
STA_67___115KV_BK2 355882	47.08 -0.48 0.00	45.43 -0.51 0.00	43.37 -0.53 0.00	41.05 -0.54 0.00	40.81 -0.54 0.00	42.32 -0.56 0.00	48.62 -0.34 0.00	58.38 -0.06 0.00	56.63 0.23 0.00	47.44 0.28 0.00	45.10 0.31 0.00	41.93 0.17 0.00	40.65 0.12 0.00	40.41 0.04 0.00	42.12 0.04 0.00	43.42 -0.31 0.00	51.80 -0.74 0.00	64.45 -0.59 0.00	80.07 -0.73 0.00	77.40 -0.86 0.00	61.75 -1.32 0.00	56.12 -0.68 0.00	52.05 -0.10 0.00	46.76 -0.71 0.00
STA_7___115KV_9TRANS 80674	47.41 -0.14 0.00	45.70 -0.23 0.00	43.59 -0.31 0.00	41.26 -0.33 0.00	41.01 -0.33 0.00	42.53 -0.34 0.00	48.91 -0.05 0.00	58.73 0.29 0.00	57.02 0.62 0.00	47.77 0.61 0.00	45.41 0.63 0.00	42.22 0.46 0.00	40.94 0.41 0.00	40.66 0.28 0.00	42.37 0.29 0.00	43.72 0.00 0.00	52.12 -0.42 0.00	64.97 -0.07 0.00	80.80 0.00 0.00	78.03 -0.23 0.00	62.19 -0.88 0.00	56.52 -0.28 0.00	52.41 0.26 0.00	47.05 -0.43 0.00
STA_82___115KV_TB1 80780	47.13 -0.43 0.00	45.43 -0.51 0.00	43.37 -0.53 0.00	41.05 -0.54 0.00	40.81 -0.54 0.00	42.36 -0.51 0.00	48.67 -0.29 0.00	58.44 0.00 0.00	56.68 0.28 0.00	47.49 0.33 0.00	45.10 0.31 0.00	41.93 0.17 0.00	40.69 0.16 0.00	40.41 0.04 0.00	42.12 0.04 0.00	43.46 -0.26 0.00	51.80 -0.74 0.00	64.45 -0.59 0.00	80.07 -0.73 0.00	77.40 -0.86 0.00	61.75 -1.32 0.00	56.12 -0.68 0.00	52.05 -0.10 0.00	46.76 -0.71 0.00
STEEL___WIND 323596	46.79 -0.76 0.00	45.24 -0.69 0.00	43.10 -0.79 0.00	40.92 -0.67 0.00	40.60 -0.74 0.00	42.14 -0.73 0.00	48.47 -0.49 0.00	58.20 -0.23 0.00	56.57 0.17 0.00	47.63 0.47 0.00	45.46 0.67 0.00	42.13 0.37 0.00	40.82 0.29 0.00	40.58 0.20 0.00	42.37 0.30 0.00	43.37 -0.35 0.00	50.54 -2.00 0.00	63.22 -1.82 0.00	78.05 -2.75 0.00	75.29 -2.97 0.00	60.18 -2.90 0.00	54.70 -2.10 0.00	50.75 -1.41 0.00	46.15 -1.33 0.00
STEPHTWN_115KV_BK_2 55603	48.03 0.48 0.00	46.44 0.51 0.00	44.33 0.44 0.00	41.92 0.33 0.00	41.67 0.33 0.00	43.26 0.39 0.00	49.21 0.24 0.00	58.67 0.23 0.00	56.63 0.23 0.00	47.25 0.09 0.00	44.88 0.09 0.00	41.76 0.00 0.00	40.53 0.00 0.00	40.54 0.16 0.00	42.29 0.21 0.00	44.03 0.31 0.00	53.06 0.53 0.00	65.82 0.78 0.00	81.77 0.97 0.00	79.12 0.86 0.00	63.90 0.82 0.00	57.37 0.57 0.00	52.47 0.31 0.00	47.81 0.33 0.00
STEUBEN_REC_LFGE 323667	47.94 0.38 0.00	46.25 0.32 0.00	44.20 0.31 0.00	41.88 0.29 0.00	41.63 0.29 0.00	43.22 0.34 0.00	49.70 0.73 0.00	59.66 1.23 0.00	57.81 1.41 0.00	48.34 1.18 0.00	45.77 0.99 0.00	42.38 0.63 0.00	41.02 0.49 0.00	40.86 0.48 0.00	42.62 0.55 0.00	43.94 0.22 0.00	52.33 -0.21 0.00	65.49 0.46 0.00	81.12 0.32 0.00	78.42 0.16 0.00	62.45 -0.63 0.00	56.46 -0.34 0.00	52.62 0.47 0.00	47.33 -0.14 0.00
STILLWATER___SOLAR 323814	49.12 1.57 0.00	47.49 1.56 0.00	45.39 1.49 0.00	42.92 1.33 0.00	42.67 1.32 0.00	44.20 1.33 0.00	50.38 1.42 0.00	60.07 1.63 0.00	57.86 1.46 0.00	48.15 0.99 0.00	45.55 0.76 0.00	42.30 0.54 0.00	41.02 0.49 0.00	41.06 0.69 0.00	42.83 0.76 0.00	44.68 0.96 0.00	54.01 1.47 0.00	67.12 2.08 0.00	83.39 2.58 0.00	80.84 2.58 0.00	65.15 2.08 0.00	58.56 1.76 0.00	53.72 1.56 0.00	48.90 1.42 0.00
STONY___BROOK 24151	48.45 0.90 0.01	46.94 1.01 0.00	45.21 1.32 0.00	42.92 1.33 0.00	42.63 1.28 0.00	44.16 1.29 0.00	49.25 0.30 0.01	58.42 0.00 0.02	56.33 -0.06 0.02	47.15 0.00 0.01	45.48 0.76 0.06	42.46 0.71 0.00	41.66 1.13 0.00	41.62 1.25 0.00	43.21 1.14 0.00	45.03 1.31 0.00	53.95 1.42 0.01	65.81 0.78 0.01	81.44 0.64 0.01	78.64 0.39 0.02	64.02 0.95 0.01	57.35 0.57 0.02	50.79 0.37 1.73	47.99 0.52 0.01
STURGEON_POOL_HYD 23609	49.55 2.00 0.00	47.72 1.79 0.00	45.56 1.67 0.00	43.21 1.62 0.00	42.92 1.57 0.00	44.46 1.59 0.00	50.28 1.32 0.00	59.84 1.40 0.00	57.75 1.35 0.00	48.39 1.23 0.00	46.26 1.48 0.00	43.14 1.38 0.00	42.15 1.62 0.00	41.87 1.49 0.00	43.67 1.60 0.00	45.25 1.53 0.00	54.69 2.15 0.00	67.25 2.21 0.00	83.95 3.15 0.00	81.24 2.97 0.00	65.60 2.52 0.00	58.96 2.16 0.00	53.77 1.62 0.00	49.09 1.61 0.00

ST_LAW_115_BK7_LBMP 345037	47.89 0.34 0.00	46.26 0.32 0.00	44.20 0.31 0.00	41.92 0.33 0.00	41.72 0.37 0.00	43.22 0.34 0.00	49.50 0.54 0.00	58.96 0.52 0.00	56.96 0.56 0.00	47.53 0.38 0.00	45.10 0.32 0.00	42.22 0.46 0.00	40.86 0.32 0.00	40.66 0.28 0.00	42.37 0.30 0.00	44.07 0.35 0.00	52.86 0.32 0.00	65.62 0.58 0.00	81.61 0.81 0.00	79.04 0.78 0.00	63.77 0.70 0.00	57.31 0.51 0.00	52.67 0.52 0.00	48.00 0.52 0.00
ST_LAW_115_BK8_LBMP 345038	47.89 0.34 0.00	46.26 0.32 0.00	44.20 0.31 0.00	41.92 0.33 0.00	41.72 0.37 0.00	43.22 0.34 0.00	49.50 0.54 0.00	58.96 0.52 0.00	56.96 0.56 0.00	47.53 0.38 0.00	45.10 0.32 0.00	42.22 0.46 0.00	40.86 0.32 0.00	40.66 0.28 0.00	42.37 0.30 0.00	44.07 0.35 0.00	52.86 0.32 0.00	65.62 0.58 0.00	81.61 0.81 0.00	79.04 0.78 0.00	63.77 0.70 0.00	57.31 0.51 0.00	52.67 0.52 0.00	48.00 0.52 0.00
ST_LAW_230_BK5_LBMP 345035	47.84 0.29 0.00	46.21 0.28 0.00	44.16 0.26 0.00	41.88 0.29 0.00	41.64 0.29 0.00	43.18 0.30 0.00	49.40 0.44 0.00	58.90 0.47 0.00	56.91 0.51 0.00	47.49 0.33 0.00	45.06 0.27 0.00	42.18 0.42 0.00	40.82 0.29 0.00	40.62 0.24 0.00	42.37 0.30 0.00	44.07 0.35 0.00	52.80 0.26 0.00	65.56 0.52 0.00	81.45 0.64 0.00	78.96 0.70 0.00	63.71 0.63 0.00	57.25 0.45 0.00	52.62 0.47 0.00	47.90 0.43 0.00
ST_LAW_230_BK6_LBMP 345036	47.84 0.29 0.00	46.21 0.28 0.00	44.16 0.26 0.00	41.88 0.29 0.00	41.64 0.29 0.00	43.18 0.30 0.00	49.40 0.44 0.00	58.90 0.47 0.00	56.91 0.51 0.00	47.49 0.33 0.00	45.06 0.27 0.00	42.18 0.42 0.00	40.82 0.29 0.00	40.62 0.24 0.00	42.37 0.30 0.00	44.07 0.35 0.00	52.80 0.26 0.00	65.56 0.52 0.00	81.45 0.64 0.00	78.96 0.70 0.00	63.71 0.63 0.00	57.25 0.45 0.00	52.62 0.47 0.00	47.90 0.43 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	49.36 1.81 0.00	47.59 1.65 0.00	45.43 1.54 0.00	43.05 1.46 0.00	42.75 1.41 0.00	44.33 1.46 0.00	50.19 1.22 0.00	59.72 1.29 0.00	57.64 1.24 0.00	48.34 1.18 0.00	46.17 1.39 0.00	43.09 1.34 0.00	42.11 1.58 0.00	41.83 1.45 0.00	43.63 1.56 0.00	45.21 1.49 0.00	54.53 2.00 0.00	67.06 2.02 0.00	83.63 2.83 0.00	80.92 2.66 0.00	65.35 2.27 0.00	58.73 1.93 0.00	53.61 1.46 0.00	48.90 1.42 0.00
SWANROAD_115KV_TB1 355699	46.41 -1.14 0.00	44.92 -1.01 0.00	42.88 -1.01 0.00	40.63 -0.96 0.00	40.35 -0.99 0.00	41.84 -1.03 0.00	48.08 -0.88 0.00	57.09 -1.34 0.00	55.39 -1.02 0.00	46.64 -0.52 0.00	44.79 0.00 0.00	41.22 -0.54 0.00	40.25 -0.28 0.00	40.01 -0.36 0.00	41.78 -0.29 0.00	42.54 -1.18 0.00	49.81 -2.73 0.00	61.72 -3.32 0.00	76.12 -4.69 0.00	73.49 -4.77 0.00	58.53 -4.54 0.00	53.51 -3.29 0.00	50.95 -1.20 0.00	45.77 -1.71 0.00
SYNERGY___BIOGAS 323694	47.70 0.14 0.00	46.02 0.09 0.00	43.94 0.04 0.00	41.59 0.00 0.00	41.30 -0.04 0.00	42.87 0.00 0.00	49.40 0.44 0.00	59.08 0.64 0.00	57.30 0.90 0.00	48.01 0.85 0.00	45.82 1.03 0.00	42.34 0.58 0.00	41.18 0.65 0.00	40.86 0.48 0.00	42.66 0.59 0.00	43.68 -0.04 0.00	51.59 -0.95 0.00	64.45 -0.59 0.00	79.99 -0.81 0.00	77.17 -1.10 0.00	61.25 -1.83 0.00	55.95 -0.85 0.00	52.62 0.47 0.00	47.14 -0.33 0.00
SYRACUSE___ENERGY_ST1 323597	47.17 -0.38 0.00	45.52 -0.41 0.00	43.54 -0.35 0.00	41.22 -0.37 0.00	40.97 -0.37 0.00	42.49 -0.39 0.00	48.62 -0.34 0.00	58.14 -0.29 0.00	56.17 -0.23 0.00	47.02 -0.14 0.00	44.56 -0.22 0.00	41.47 -0.29 0.00	40.21 -0.32 0.00	40.05 -0.32 0.00	41.74 -0.34 0.00	43.33 -0.39 0.00	52.17 -0.37 0.00	64.78 -0.26 0.00	81.65 -0.32 -1.17	78.83 -0.31 -0.88	62.63 -0.44 0.00	56.46 -0.34 0.00	51.89 -0.26 0.00	47.10 -0.38 0.00
SYRACUSE___ENERGY_ST2 323598	47.17 -0.38 0.00	45.52 -0.41 0.00	43.54 -0.35 0.00	41.22 -0.37 0.00	40.97 -0.37 0.00	42.49 -0.39 0.00	48.62 -0.34 0.00	58.14 -0.29 0.00	56.17 -0.23 0.00	47.02 -0.14 0.00	44.56 -0.22 0.00	41.47 -0.29 0.00	40.21 -0.32 0.00	40.05 -0.32 0.00	41.74 -0.34 0.00	43.33 -0.39 0.00	52.17 -0.37 0.00	64.78 -0.26 0.00	81.65 -0.32 -1.17	78.83 -0.31 -0.88	62.63 -0.44 0.00	56.46 -0.34 0.00	51.89 -0.26 0.00	47.10 -0.38 0.00
SYRACUSE___POWER 24017	47.08 -0.48 0.00	45.43 -0.51 0.00	43.45 -0.44 0.00	41.13 -0.46 0.00	40.89 -0.45 0.00	42.40 -0.47 0.00	48.52 -0.44 0.00	58.03 -0.41 0.00	56.06 -0.34 0.00	46.88 -0.28 0.00	44.47 -0.31 0.00	41.38 -0.38 0.00	40.13 -0.41 0.00	40.01 -0.36 0.00	41.65 -0.42 0.00	43.28 -0.44 0.00	52.07 -0.47 0.00	64.65 -0.39 0.00	80.69 -0.48 -0.38	78.16 -0.39 -0.29	62.57 -0.50 0.00	56.40 -0.40 0.00	51.79 -0.37 0.00	47.00 -0.47 0.00
TALLMAN__138KV_BK151 55660	49.50 1.95 0.00	47.68 1.75 0.00	45.52 1.62 0.00	43.13 1.54 0.00	42.83 1.49 0.00	44.42 1.54 0.00	50.24 1.27 0.00	59.84 1.40 0.00	57.70 1.30 0.00	48.48 1.32 0.00	46.31 1.52 0.00	43.26 1.50 0.00	42.32 1.78 0.00	41.99 1.61 0.00	43.84 1.77 0.00	45.38 1.66 0.00	54.69 2.15 0.00	67.19 2.15 0.00	83.79 2.99 0.00	81.08 2.82 0.00	65.47 2.40 0.00	58.85 2.04 0.00	53.72 1.56 0.00	48.99 1.52 0.00
TEALLAVE_115KV_TB7 355573	46.89 -0.67 0.00	45.29 -0.64 0.00	43.28 -0.61 0.00	41.01 -0.58 0.00	40.77 -0.58 0.00	42.27 -0.60 0.00	48.33 -0.64 0.00	57.79 -0.64 0.00	55.84 -0.56 0.00	46.73 -0.42 0.00	44.34 -0.45 0.00	41.26 -0.50 0.00	40.01 -0.53 0.00	39.89 -0.48 0.00	41.53 -0.55 0.00	43.11 -0.61 0.00	51.86 -0.68 0.00	64.39 -0.65 0.00	80.27 -0.89 -0.36	77.75 -0.78 -0.27	62.26 -0.82 0.00	56.12 -0.68 0.00	51.58 -0.57 0.00	46.81 -0.66 0.00
TELGRAPH_34_KV_EAST 80808	47.08 -0.48 0.00	45.52 -0.41 0.00	43.41 -0.48 0.00	41.13 -0.46 0.00	40.85 -0.50 0.00	42.40 -0.47 0.00	48.77 -0.20 0.00	58.26 -0.18 0.00	56.57 0.17 0.00	47.49 0.33 0.00	45.41 0.63 0.00	41.97 0.21 0.00	40.86 0.32 0.00	40.58 0.20 0.00	42.33 0.25 0.00	43.28 -0.44 0.00	50.91 -1.63 0.00	63.35 -1.69 0.00	78.38 -2.42 0.00	75.60 -2.66 0.00	60.11 -2.96 0.00	54.93 -1.87 0.00	51.94 -0.21 0.00	46.48 -1.00 0.00
TEMPLE___115KV_TB 2 55572	46.94 -0.62 0.00	45.29 -0.64 0.00	43.28 -0.61 0.00	41.01 -0.58 0.00	40.77 -0.58 0.00	42.27 -0.60 0.00	48.37 -0.59 0.00	57.85 -0.58 0.00	55.89 -0.51 0.00	46.78 -0.38 0.00	44.38 -0.40 0.00	41.30 -0.46 0.00	40.05 -0.49 0.00	39.89 -0.48 0.00	41.57 -0.50 0.00	43.15 -0.57 0.00	51.91 -0.63 0.00	64.39 -0.65 0.00	80.29 -0.81 -0.29	77.70 -0.78 -0.22	62.26 -0.82 0.00	56.18 -0.62 0.00	51.63 -0.52 0.00	46.81 -0.66 0.00
TIANA____69_KV_BK 1 55817	48.51 0.95 0.00	47.08 1.15 0.00	44.90 1.01 0.00	43.05 1.46 0.00	42.79 1.45 0.00	44.29 1.41 0.00	49.70 0.73 0.00	58.89 0.47 0.02	56.78 0.39 0.02	47.11 -0.05 0.00	45.40 0.67 0.06	42.38 0.63 0.00	41.70 1.18 0.00	41.66 1.29 0.00	43.33 1.26 0.00	45.07 1.36 0.00	54.32 1.79 0.01	66.20 1.17 0.01	82.09 1.29 0.01	79.42 1.17 0.02	64.65 1.58 0.01	57.64 0.85 0.02	50.83 0.42 1.74	48.09 0.62 0.00

TILDEN___115KV_TB1 80814	47.08 -0.48 0.00	45.43 -0.51 0.00	43.45 -0.44 0.00	41.13 -0.46 0.00	40.89 -0.45 0.00	42.40 -0.47 0.00	48.52 -0.44 0.00	58.03 -0.41 0.00	56.06 -0.34 0.00	46.88 -0.28 0.00	44.47 -0.31 0.00	41.38 -0.38 0.00	40.13 -0.41 0.00	40.01 -0.36 0.00	41.65 -0.42 0.00	43.28 -0.44 0.00	52.07 -0.47 0.00	64.65 -0.39 0.00	80.69 -0.48 -0.38	78.16 -0.39 -0.29	62.57 -0.50 0.00	56.40 -0.40 0.00	51.79 -0.37 0.00	47.00 -0.47 0.00
TRIGEN___CC 323695	48.89 1.33 0.00	47.13 1.19 0.00	45.08 1.19 0.00	42.92 1.33 0.00	42.63 1.28 0.00	44.16 1.29 0.00	49.55 0.59 0.00	58.90 0.47 0.01	56.79 0.39 0.01	47.82 0.66 0.00	46.06 1.25 -0.02	42.91 1.13 -0.02	41.97 1.42 -0.01	41.85 1.45 -0.02	43.56 1.47 -0.01	45.22 1.49 -0.01	54.11 1.58 0.01	66.40 1.37 0.01	82.90 2.10 0.01	80.21 1.96 0.01	64.84 1.77 0.01	58.21 1.42 0.01	52.58 0.83 0.41	48.39 0.90 -0.01
TRINITY___115KV___4 BK 55933	47.56 0.00 0.00	45.98 0.05 0.00	43.89 0.00 0.00	41.55 -0.04 0.00	41.30 -0.04 0.00	42.87 0.00 0.00	48.72 -0.24 0.00	58.09 -0.35 0.00	56.01 -0.39 0.00	46.83 -0.33 0.00	44.47 -0.31 0.00	41.42 -0.33 0.00	40.25 -0.28 0.00	40.25 -0.12 0.00	41.99 -0.08 0.00	43.72 0.00 0.00	52.59 0.05 0.00	65.04 0.00 0.00	80.88 0.08 0.00	78.26 0.00 0.00	63.27 0.19 0.00	56.86 0.06 0.00	51.89 -0.26 0.00	47.38 -0.09 0.00
UNION___PROCESSING_DRP 323587	47.13 -0.43 0.00	45.43 -0.51 0.00	43.37 -0.53 0.00	41.09 -0.50 0.00	40.81 -0.54 0.00	42.36 -0.51 0.00	48.67 -0.29 0.00	58.44 0.00 0.00	56.68 0.28 0.00	47.49 0.33 0.00	45.10 0.31 0.00	41.97 0.21 0.00	40.69 0.16 0.00	40.41 0.04 0.00	42.16 0.08 0.00	43.46 -0.26 0.00	51.80 -0.74 0.00	64.52 -0.52 0.00	80.16 -0.65 0.00	77.40 -0.86 0.00	61.81 -1.26 0.00	56.12 -0.68 0.00	52.10 -0.05 0.00	46.76 -0.71 0.00
UPPER HUDSON___HYD 24058	48.84 1.28 0.00	47.12 1.19 0.00	45.08 1.19 0.00	42.67 1.08 0.00	42.46 1.12 0.00	43.82 0.94 0.00	49.94 0.98 0.00	59.54 1.11 0.00	57.36 0.96 0.00	47.58 0.42 0.00	44.97 0.18 0.00	41.84 0.08 0.00	40.49 -0.04 0.00	40.54 0.16 0.00	42.24 0.17 0.00	44.11 0.39 0.00	53.43 0.89 0.00	66.60 1.56 0.00	82.82 2.02 0.00	80.22 1.96 0.00	64.65 1.58 0.00	57.99 1.19 0.00	53.35 1.20 0.00	48.47 1.00 0.00
UPPER RAQUET___HYD 24056	49.17 1.62 0.00	47.54 1.61 0.00	45.39 1.49 0.00	43.13 1.54 0.00	42.91 1.57 0.00	44.46 1.59 0.00	51.02 2.06 0.00	60.66 2.22 0.00	58.37 1.97 0.00	48.43 1.27 0.00	45.86 1.07 0.00	43.05 1.30 0.00	41.63 1.09 0.00	41.34 0.97 0.00	43.08 1.01 0.00	44.90 1.18 0.00	53.90 1.36 0.00	67.31 2.28 0.00	83.87 3.07 0.00	81.40 3.13 0.00	65.66 2.59 0.00	59.01 2.21 0.00	54.29 2.14 0.00	49.38 1.90 0.00
VALLEY44_115KV_TB2 355964	46.46 -1.09 0.00	44.92 -1.01 0.00	42.88 -1.01 0.00	40.68 -0.92 0.00	40.39 -0.95 0.00	41.89 -0.99 0.00	48.03 -0.93 0.00	57.79 -0.64 0.00	56.06 -0.34 0.00	47.11 -0.05 0.00	44.88 0.09 0.00	41.59 -0.17 0.00	40.37 -0.16 0.00	40.09 -0.28 0.00	41.78 -0.29 0.00	42.85 -0.87 0.00	50.49 -2.05 0.00	63.02 -2.02 0.00	77.89 -2.91 0.00	75.29 -2.97 0.00	59.99 -3.09 0.00	54.47 -2.33 0.00	51.11 -1.04 0.00	45.91 -1.57 0.00
VALLEY___115KV_TB 1-4 80826	49.27 1.71 0.00	47.63 1.70 0.00	45.52 1.62 0.00	43.13 1.54 0.00	42.87 1.53 0.00	44.46 1.59 0.00	50.73 1.76 0.00	60.54 2.10 0.00	58.37 1.97 0.00	48.86 1.70 0.00	46.49 1.70 0.00	43.22 1.46 0.00	41.99 1.46 0.00	41.79 1.41 0.00	43.46 1.39 0.00	45.21 1.49 0.00	54.43 1.89 0.00	67.25 2.21 0.00	83.55 2.75 0.00	81.00 2.74 0.00	65.16 2.08 0.00	58.79 1.99 0.00	53.93 1.77 0.00	49.04 1.57 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	49.36 1.81 0.00	47.72 1.79 0.00	45.69 1.80 0.00	43.25 1.66 0.00	43.00 1.65 0.00	44.63 1.76 0.00	50.82 1.86 0.00	60.83 2.40 0.00	58.54 2.14 0.00	49.00 1.84 0.00	46.71 1.93 0.00	43.30 1.55 0.00	42.07 1.54 0.00	41.79 1.41 0.00	43.38 1.30 0.00	45.08 1.36 0.00	54.53 2.00 0.00	67.32 2.28 0.00	83.71 2.91 0.00	81.31 3.05 0.00	65.47 2.40 0.00	58.96 2.16 0.00	54.03 1.88 0.00	49.14 1.66 0.00
VISCHER___FERRY HYD 24020	48.65 1.09 0.00	47.08 1.15 0.00	44.95 1.05 0.00	42.50 0.91 0.00	42.25 0.91 0.00	43.82 0.94 0.00	49.94 0.98 0.00	59.54 1.11 0.00	57.47 1.07 0.00	48.01 0.85 0.00	45.46 0.67 0.00	42.26 0.50 0.00	41.02 0.49 0.00	41.10 0.73 0.00	42.83 0.76 0.00	44.64 0.92 0.00	53.85 1.31 0.00	66.60 1.56 0.00	82.74 1.94 0.00	80.14 1.88 0.00	64.59 1.51 0.00	58.16 1.36 0.00	53.25 1.10 0.00	48.52 1.04 0.00
V_A_10_SYNC_DSASP 323832	46.37 -1.19 0.00	44.78 -1.15 0.00	42.75 -1.14 0.00	40.55 -1.04 0.00	40.27 -1.07 0.00	41.76 -1.11 0.00	48.03 -0.93 0.00	57.68 -0.76 0.00	56.12 -0.28 0.00	47.21 0.05 0.00	44.96 0.18 0.00	41.76 0.00 0.00	40.49 -0.04 0.00	40.21 -0.16 0.00	41.99 -0.08 0.00	43.07 -0.66 0.00	50.75 -1.79 0.00	62.83 -2.21 0.00	77.65 -3.15 0.00	74.97 -3.29 0.00	59.80 -3.28 0.00	54.59 -2.22 0.00	51.37 -0.78 0.00	45.81 -1.66 0.00
V_CMM_10_SYNC_DSASP 323787	48.13 0.57 0.00	46.48 0.55 0.00	44.42 0.53 0.00	42.17 0.58 0.00	41.92 0.58 0.00	43.43 0.56 0.00	49.75 0.78 0.00	59.25 0.82 0.00	57.25 0.85 0.00	47.72 0.57 0.00	45.28 0.49 0.00	42.47 0.71 0.00	41.06 0.53 0.00	40.82 0.44 0.00	42.58 0.50 0.00	44.29 0.57 0.00	52.96 0.42 0.00	65.69 0.65 0.00	81.69 0.89 0.00	79.12 0.86 0.00	63.83 0.76 0.00	57.37 0.57 0.00	52.88 0.73 0.00	48.19 0.71 0.00
V_CMP_10_SYNC_DSASP 323788	48.51 0.95 0.00	46.85 0.92 0.00	44.73 0.83 0.00	42.50 0.91 0.00	42.30 0.95 0.00	43.82 0.94 0.00	49.94 0.98 0.00	59.49 1.05 0.00	57.47 1.07 0.00	48.20 1.04 0.00	45.68 0.90 0.00	42.93 1.17 0.00	41.42 0.89 0.00	41.18 0.81 0.00	42.96 0.88 0.00	44.73 1.01 0.00	53.27 0.74 0.00	66.34 1.30 0.00	82.42 1.62 0.00	79.83 1.56 0.00	64.46 1.39 0.00	57.71 0.91 0.00	53.14 0.99 0.00	48.61 1.14 0.00
V_D_10_SYNC_DSASP 323841	48.60 1.04 0.00	46.99 1.06 0.00	44.86 0.96 0.00	42.59 1.00 0.00	42.38 1.03 0.00	43.90 1.03 0.00	50.28 1.32 0.00	59.90 1.46 0.00	57.81 1.41 0.00	48.15 0.99 0.00	45.68 0.90 0.00	42.84 1.08 0.00	41.39 0.85 0.00	41.14 0.77 0.00	42.92 0.84 0.00	44.68 0.96 0.00	53.53 1.00 0.00	66.54 1.50 0.00	82.82 2.02 0.00	80.22 1.96 0.00	64.78 1.70 0.00	58.16 1.36 0.00	53.51 1.35 0.00	48.71 1.23 0.00
V_E_10_SYNC_DSASP 323830	50.64 3.09 0.00	49.10 3.17 0.00	46.97 3.07 0.00	44.46 2.87 0.00	44.19 2.85 0.00	46.00 3.13 0.00	52.83 3.87 0.00	63.52 5.08 0.00	60.74 4.34 0.00	50.46 3.30 0.00	47.92 3.13 0.00	44.18 2.42 0.00	42.80 2.27 0.00	42.47 2.10 0.00	44.01 1.94 0.00	45.91 2.19 0.00	55.85 3.31 0.00	69.52 4.48 0.00	86.86 6.06 0.00	84.75 6.49 0.00	67.62 4.54 0.00	60.94 4.14 0.00	55.86 3.70 0.00	50.75 3.27 0.00

V_F_30_NSYNC___DSASP 323816	49.17 1.62 0.00	47.54 1.61 0.00	45.43 1.54 0.00	42.96 1.37 0.00	42.71 1.36 0.00	44.25 1.37 0.00	50.43 1.47 0.00	60.13 1.70 0.00	57.92 1.52 0.00	48.24 1.09 0.00	45.63 0.85 0.00	42.39 0.63 0.00	41.10 0.57 0.00	41.14 0.77 0.00	42.87 0.80 0.00	44.73 1.01 0.00	54.06 1.52 0.00	67.18 2.14 0.00	83.46 2.66 0.00	80.92 2.66 0.00	65.22 2.15 0.00	58.62 1.82 0.00	53.77 1.62 0.00	48.95 1.47 0.00
V_F_30_SYNC_DSASP 323786	47.84 0.29 0.00	46.21 0.28 0.00	44.16 0.26 0.00	41.76 0.17 0.00	41.51 0.17 0.00	43.09 0.21 0.00	48.96 0.00 0.00	58.38 -0.06 0.00	56.29 -0.11 0.00	47.06 -0.09 0.00	44.70 -0.09 0.00	41.59 -0.17 0.00	40.41 -0.12 0.00	40.41 0.04 0.00	42.16 0.08 0.00	43.90 0.17 0.00	52.91 0.37 0.00	65.49 0.46 0.00	81.37 0.57 0.00	78.73 0.47 0.00	63.58 0.50 0.00	57.14 0.34 0.00	52.21 0.05 0.00	47.62 0.14 0.00
V_XM_10_SYNC_DSASP 323789	48.51 0.95 0.00	46.85 0.92 0.00	44.73 0.83 0.00	42.50 0.91 0.00	42.30 0.95 0.00	43.82 0.94 0.00	49.94 0.98 0.00	59.49 1.05 0.00	57.47 1.07 0.00	48.20 1.04 0.00	45.68 0.90 0.00	42.93 1.17 0.00	41.42 0.89 0.00	41.18 0.81 0.00	42.96 0.88 0.00	44.73 1.01 0.00	53.27 0.74 0.00	66.34 1.30 0.00	82.42 1.62 0.00	79.83 1.56 0.00	64.46 1.39 0.00	57.71 0.91 0.00	53.14 0.99 0.00	48.61 1.14 0.00
W.BABYLN_69_KV_BK1 56697	49.12 1.57 0.00	47.45 1.52 0.00	45.43 1.54 0.00	43.34 1.75 0.00	43.04 1.70 0.00	44.59 1.71 0.00	49.79 0.83 0.00	59.07 0.64 0.01	56.95 0.56 0.01	47.87 0.71 0.00	46.26 1.48 0.00	43.10 1.34 0.00	42.16 1.62 0.00	42.11 1.74 0.00	43.80 1.73 0.00	45.56 1.84 0.00	54.32 1.79 0.01	66.59 1.56 0.01	83.22 2.42 0.01	80.44 2.19 0.01	65.09 2.02 0.01	58.43 1.65 0.01	51.26 0.57 1.47	48.66 1.19 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	49.70 2.14 0.00	47.86 1.93 0.00	45.65 1.76 0.00	43.30 1.71 0.00	43.00 1.65 0.00	44.55 1.67 0.00	50.43 1.47 0.00	60.01 1.58 0.00	57.92 1.52 0.00	48.62 1.46 0.00	46.49 1.70 0.00	43.39 1.63 0.00	42.44 1.91 0.00	42.11 1.74 0.00	43.97 1.89 0.00	45.51 1.79 0.00	54.90 2.36 0.00	67.51 2.47 0.00	84.20 3.39 0.00	81.47 3.21 0.00	65.79 2.71 0.00	59.07 2.27 0.00	53.93 1.77 0.00	49.18 1.71 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	49.79 2.24 0.00	47.95 2.02 0.00	45.74 1.84 0.00	43.34 1.75 0.00	43.04 1.70 0.00	44.63 1.76 0.00	50.53 1.57 0.00	60.07 1.64 0.00	57.98 1.58 0.00	48.72 1.56 0.00	46.58 1.79 0.00	43.55 1.80 0.00	42.64 2.11 0.00	42.31 1.94 0.00	44.18 2.10 0.00	45.69 1.97 0.00	55.11 2.57 0.00	67.58 2.54 0.00	84.20 3.39 0.00	81.47 3.21 0.00	65.79 2.71 0.00	59.13 2.33 0.00	53.98 1.83 0.00	49.28 1.80 0.00
W50THST__13_KV_LOAD 356117	49.98 2.43 0.00	48.14 2.20 0.00	45.91 2.02 0.00	43.46 1.87 0.00	43.16 1.82 0.00	44.80 1.93 0.00	50.73 1.76 0.00	60.36 1.93 0.00	58.21 1.80 0.00	48.95 1.79 0.00	46.76 1.97 0.00	43.76 2.00 0.00	42.80 2.27 0.00	42.47 2.10 0.00	44.35 2.27 0.00	45.86 2.14 0.00	55.38 2.84 0.00	67.84 2.80 0.00	84.60 3.80 0.00	81.78 3.52 0.00	66.10 3.03 0.00	59.41 2.61 0.00	54.19 2.03 0.00	49.42 1.95 0.00
WADING RIVER_IC_1 23522	48.07 0.52 0.01	46.71 0.78 0.00	44.94 1.05 0.00	42.67 1.08 0.00	42.42 1.07 0.00	43.90 1.03 0.00	49.30 0.35 0.01	58.42 0.00 0.02	56.33 -0.06 0.02	46.68 -0.47 0.01	44.96 0.23 0.06	42.01 0.25 0.00	41.34 0.81 0.00	41.34 0.97 0.00	42.91 0.84 0.00	44.72 1.01 0.00	53.89 1.36 0.01	65.42 0.39 0.01	80.79 0.00 0.01	78.09 -0.16 0.02	63.63 0.57 0.01	56.84 0.06 0.02	50.52 0.10 1.74	47.71 0.24 0.01
WADING RIVER_IC_2 23547	48.07 0.52 0.01	46.71 0.78 0.00	44.94 1.05 0.00	42.67 1.08 0.00	42.42 1.07 0.00	43.90 1.03 0.00	49.30 0.35 0.01	58.42 0.00 0.02	56.33 -0.06 0.02	46.68 -0.47 0.01	44.96 0.23 0.06	42.01 0.25 0.00	41.34 0.81 0.00	41.34 0.97 0.00	42.91 0.84 0.00	44.72 1.01 0.00	53.89 1.36 0.01	65.42 0.39 0.01	80.79 0.00 0.01	78.09 -0.16 0.02	63.63 0.57 0.01	56.84 0.06 0.02	50.52 0.10 1.74	47.71 0.24 0.01
WADING RIVER_IC_3 23601	48.07 0.52 0.01	46.71 0.78 0.00	44.94 1.05 0.00	42.67 1.08 0.00	42.42 1.07 0.00	43.90 1.03 0.00	49.30 0.35 0.01	58.42 0.00 0.02	56.33 -0.06 0.02	46.68 -0.47 0.01	44.96 0.23 0.06	42.01 0.25 0.00	41.34 0.81 0.00	41.34 0.97 0.00	42.91 0.84 0.00	44.72 1.01 0.00	53.89 1.36 0.01	65.42 0.39 0.01	80.79 0.00 0.01	78.09 -0.16 0.02	63.63 0.57 0.01	56.84 0.06 0.02	50.52 0.10 1.74	47.71 0.24 0.01
WALDENNY_12_KV_BK2 80841	46.89 -0.67 0.00	45.34 -0.60 0.00	43.28 -0.61 0.00	41.01 -0.58 0.00	40.68 -0.66 0.00	42.23 -0.64 0.00	48.57 -0.39 0.00	58.20 -0.23 0.00	56.63 0.23 0.00	47.68 0.52 0.00	45.55 0.76 0.00	42.18 0.42 0.00	40.94 0.41 0.00	40.70 0.32 0.00	42.45 0.38 0.00	43.42 -0.31 0.00	51.01 -1.52 0.00	63.48 -1.56 0.00	78.22 -2.59 0.00	75.52 -2.74 0.00	60.11 -2.96 0.00	54.81 -1.99 0.00	51.89 -0.26 0.00	46.29 -1.19 0.00
WALDEN__HYDRO 24148	49.55 2.00 0.00	47.72 1.79 0.00	45.56 1.67 0.00	43.21 1.62 0.00	42.92 1.57 0.00	44.46 1.59 0.00	50.33 1.37 0.00	59.90 1.46 0.00	57.81 1.41 0.00	48.48 1.32 0.00	46.31 1.52 0.00	43.18 1.42 0.00	42.19 1.66 0.00	41.91 1.53 0.00	43.72 1.64 0.00	45.30 1.57 0.00	54.74 2.21 0.00	67.38 2.34 0.00	84.03 3.23 0.00	81.31 3.05 0.00	65.66 2.59 0.00	58.96 2.16 0.00	53.82 1.67 0.00	49.09 1.61 0.00
WARRENSBURG____ 23737	48.84 1.28 0.00	47.13 1.19 0.00	45.08 1.19 0.00	42.67 1.08 0.00	42.46 1.12 0.00	43.82 0.94 0.00	49.94 0.98 0.00	59.55 1.11 0.00	57.36 0.96 0.00	47.58 0.42 0.00	44.96 0.18 0.00	41.84 0.08 0.00	40.49 -0.04 0.00	40.54 0.16 0.00	42.24 0.17 0.00	44.11 0.39 0.00	53.43 0.89 0.00	66.73 1.69 0.00	83.06 2.26 0.00	80.37 2.11 0.00	64.84 1.77 0.00	58.05 1.25 0.00	53.30 1.15 0.00	48.47 1.00 0.00
WATERSIDE____6 8 9 23538	50.03 2.47 -0.01	48.14 2.20 -0.01	45.92 2.02 -0.01	43.51 1.91 -0.01	43.21 1.86 -0.01	44.81 1.93 -0.01	50.72 1.76 0.00	60.19 1.75 0.00	58.09 1.69 0.00	48.86 1.70 0.00	46.76 1.97 0.00	43.72 1.96 0.00	42.81 2.27 -0.01	42.43 2.06 0.00	44.35 2.27 -0.01	45.86 2.14 0.00	55.32 2.78 0.00	67.71 2.67 0.00	84.44 3.64 0.00	81.63 3.37 0.00	65.98 2.90 0.00	59.36 2.56 0.00	54.25 2.09 -0.01	49.48 1.99 -0.01
WATKINRD_115KV_LN8_ILLION 55919	48.74 1.19 0.00	47.08 1.15 0.00	45.03 1.14 0.00	42.63 1.04 0.00	42.38 1.03 0.00	43.99 1.11 0.00	50.14 1.18 0.00	59.90 1.46 0.00	57.70 1.30 0.00	48.29 1.13 0.00	45.91 1.12 0.00	42.76 1.00 0.00	41.55 1.01 0.00	41.34 0.97 0.00	43.04 0.97 0.00	44.73 1.01 0.00	53.85 1.31 0.00	66.60 1.56 0.00	82.74 1.94 0.00	80.14 1.88 0.00	64.53 1.45 0.00	58.16 1.36 0.00	53.35 1.20 0.00	48.57 1.09 0.00

WDELAWARE___HYD 323627	50.03 2.47 0.00	48.14 2.20 0.00	46.04 2.15 0.00	43.63 2.04 0.00	43.33 1.98 0.00	44.85 1.97 0.00	50.87 1.91 0.00	60.60 2.16 0.00	58.49 2.09 0.00	48.85 1.70 0.00	46.67 1.88 0.00	43.39 1.63 0.00	42.36 1.83 0.00	42.07 1.70 0.00	43.80 1.73 0.00	45.51 1.79 0.00	55.11 2.57 0.00	67.90 2.86 0.00	84.84 4.04 0.00	82.17 3.91 0.00	66.10 3.03 0.00	59.53 2.73 0.00	54.50 2.35 0.00	49.51 2.04 0.00
WEST BABYLON___IC 23714	49.12 1.57 0.00	47.45 1.52 0.00	45.43 1.54 0.00	43.34 1.75 0.00	43.04 1.70 0.00	44.59 1.71 0.00	49.79 0.83 0.00	59.07 0.64 0.01	56.95 0.56 0.01	47.87 0.71 0.00	46.26 1.48 0.00	43.10 1.34 0.00	42.16 1.62 0.00	42.11 1.74 0.00	43.80 1.73 0.00	45.56 1.84 0.00	54.32 1.79 0.01	66.59 1.56 0.01	83.22 2.42 0.01	80.44 2.19 0.01	65.09 2.02 0.01	58.43 1.65 0.01	51.26 0.57 1.47	48.66 1.19 0.00
WEST CANADA___HYD 24049	47.70 0.14 0.00	46.07 0.14 0.00	44.03 0.13 0.00	41.72 0.13 0.00	41.47 0.12 0.00	43.00 0.13 0.00	49.06 0.10 0.00	58.55 0.12 0.00	56.46 0.06 0.00	47.21 0.05 0.00	44.88 0.09 0.00	41.80 0.04 0.00	40.61 0.08 0.00	40.46 0.08 0.00	42.16 0.08 0.00	43.81 0.09 0.00	52.70 0.16 0.00	65.17 0.13 0.00	80.96 0.16 0.00	78.42 0.16 0.00	63.20 0.13 0.00	56.91 0.11 0.00	52.26 0.10 0.00	47.57 0.10 0.00
WESTERN_NY_WIND 24143	47.65 0.10 0.00	46.02 0.09 0.00	43.89 0.00 0.00	41.55 -0.04 0.00	41.26 -0.08 0.00	42.87 0.00 0.00	49.35 0.39 0.00	59.02 0.58 0.00	57.25 0.85 0.00	47.96 0.80 0.00	45.77 0.99 0.00	42.30 0.54 0.00	41.14 0.61 0.00	40.86 0.48 0.00	42.62 0.55 0.00	43.63 -0.09 0.00	51.49 -1.05 0.00	64.32 -0.72 0.00	79.83 -0.97 0.00	77.01 -1.25 0.00	61.12 -1.96 0.00	55.83 -0.97 0.00	52.57 0.42 0.00	47.05 -0.43 0.00
WESTOVER___LESR 323668	47.84 0.29 0.00	46.16 0.23 0.00	44.16 0.26 0.00	41.84 0.25 0.00	41.59 0.25 0.00	43.13 0.26 0.00	49.26 0.29 0.00	59.02 0.58 0.00	56.96 0.56 0.00	47.72 0.57 0.00	45.32 0.54 0.00	42.13 0.38 0.00	40.90 0.36 0.00	40.70 0.32 0.00	42.41 0.34 0.00	43.94 0.22 0.00	52.64 0.11 0.00	65.30 0.26 0.00	81.12 0.32 0.00	78.57 0.31 0.00	63.14 0.06 0.00	56.91 0.11 0.00	52.47 0.31 0.00	47.52 0.05 0.00
WETHRSFD_WT_PWR 323626	46.99 -0.57 0.00	45.43 -0.50 0.00	43.28 -0.61 0.00	41.13 -0.46 0.00	40.85 -0.49 0.00	42.36 -0.51 0.00	48.67 -0.29 0.00	58.38 -0.06 0.00	56.68 0.28 0.00	47.53 0.38 0.00	45.19 0.40 0.00	41.88 0.13 0.00	40.57 0.04 0.00	40.37 0.00 0.00	42.12 0.04 0.00	43.24 -0.48 0.00	50.81 -1.73 0.00	63.55 -1.49 0.00	78.62 -2.18 0.00	75.83 -2.43 0.00	60.61 -2.46 0.00	54.98 -1.82 0.00	50.85 -1.30 0.00	46.29 -1.19 0.00
WHAVSTOR_138KV_BK127 55557	49.46 1.90 0.00	47.63 1.70 0.00	45.47 1.58 0.00	43.09 1.50 0.00	42.79 1.45 0.00	44.37 1.50 0.00	50.19 1.22 0.00	59.78 1.34 0.00	57.64 1.24 0.00	48.43 1.27 0.00	46.26 1.48 0.00	43.22 1.46 0.00	42.28 1.74 0.00	41.95 1.57 0.00	43.80 1.73 0.00	45.34 1.62 0.00	54.69 2.15 0.00	67.12 2.08 0.00	83.71 2.91 0.00	81.00 2.74 0.00	65.41 2.33 0.00	58.79 1.99 0.00	53.67 1.51 0.00	48.95 1.47 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	49.46 1.90 0.00	47.63 1.70 0.00	45.47 1.58 0.00	43.09 1.50 0.00	42.79 1.45 0.00	44.37 1.50 0.00	50.19 1.22 0.00	59.78 1.34 0.00	57.64 1.24 0.00	48.43 1.27 0.00	46.26 1.48 0.00	43.22 1.46 0.00	42.28 1.74 0.00	41.95 1.57 0.00	43.80 1.73 0.00	45.34 1.62 0.00	54.69 2.15 0.00	67.12 2.08 0.00	83.71 2.91 0.00	81.00 2.74 0.00	65.41 2.33 0.00	58.79 1.99 0.00	53.67 1.51 0.00	48.95 1.47 0.00
WHITEHAL_115KV_TB1 80871	49.84 2.28 0.00	48.09 2.16 0.00	46.00 2.11 0.00	43.50 1.91 0.00	43.29 1.94 0.00	44.72 1.84 0.00	51.02 2.06 0.00	60.83 2.40 0.00	58.54 2.14 0.00	48.43 1.27 0.00	45.68 0.90 0.00	42.43 0.67 0.00	41.02 0.49 0.00	41.06 0.69 0.00	42.79 0.72 0.00	44.77 1.05 0.00	54.43 1.89 0.00	68.29 3.25 0.00	85.08 4.28 0.00	82.33 4.07 0.00	66.36 3.28 0.00	59.30 2.50 0.00	54.45 2.29 0.00	49.42 1.95 0.00
WHITEPLN_13_KV_LOAD 356215	49.93 2.38 0.00	48.09 2.16 0.00	45.91 2.02 0.00	43.46 1.87 0.00	43.16 1.82 0.00	44.76 1.89 0.00	50.68 1.71 0.00	60.31 1.87 0.00	58.15 1.75 0.00	48.90 1.74 0.00	46.76 1.97 0.00	43.68 1.92 0.00	42.72 2.19 0.00	42.35 1.98 0.00	44.22 2.15 0.00	45.73 2.01 0.00	55.27 2.73 0.00	67.90 2.86 0.00	84.60 3.80 0.00	81.86 3.60 0.00	66.10 3.03 0.00	59.41 2.61 0.00	54.19 2.03 0.00	49.42 1.95 0.00
WM_FLOYD_69_KV_BK2 356380	48.27 0.71 0.00	46.85 0.92 0.00	44.68 0.79 0.00	42.84 1.25 0.00	42.54 1.20 0.00	44.03 1.16 0.00	49.31 0.34 0.00	58.42 0.00 0.02	56.33 -0.06 0.02	46.88 -0.28 0.00	45.18 0.45 0.05	42.17 0.42 0.00	41.46 0.93 0.00	41.42 1.05 0.00	43.08 1.01 0.00	44.85 1.14 0.00	53.90 1.37 0.01	65.75 0.72 0.01	81.60 0.81 0.01	78.87 0.63 0.02	64.20 1.14 0.01	57.35 0.57 0.02	50.58 0.16 1.73	47.85 0.38 0.00
WOODARD__115KV_TB2 355635	46.89 -0.67 0.00	45.24 -0.69 0.00	43.24 -0.66 0.00	40.97 -0.62 0.00	40.72 -0.62 0.00	42.23 -0.64 0.00	48.28 -0.69 0.00	57.73 -0.70 0.00	55.78 -0.62 0.00	46.69 -0.47 0.00	44.29 -0.49 0.00	41.22 -0.54 0.00	40.01 -0.53 0.00	39.85 -0.52 0.00	41.53 -0.55 0.00	43.07 -0.66 0.00	51.86 -0.68 0.00	64.32 -0.72 0.00	80.66 -0.97 -0.83	78.03 -0.86 -0.62	62.19 -0.88 0.00	56.12 -0.68 0.00	51.53 -0.63 0.00	46.76 -0.71 0.00
WOODMERE_69_KV_BK1 55827	49.36 1.81 0.00	47.59 1.65 0.00	45.52 1.62 0.00	43.38 1.79 0.00	43.08 1.74 0.00	44.59 1.71 0.00	50.04 1.08 0.00	59.31 0.88 0.01	57.24 0.85 0.01	48.29 1.13 0.00	46.50 1.66 -0.05	43.36 1.55 -0.05	42.40 1.82 -0.04	42.29 1.86 -0.05	43.97 1.85 -0.04	45.68 1.92 -0.04	54.69 2.15 0.01	67.18 2.15 0.01	83.95 3.15 0.01	81.15 2.90 0.01	65.53 2.46 0.01	58.89 2.10 0.01	53.33 1.36 0.18	48.89 1.38 -0.04
YORK___WARBASSE 23770	50.27 2.71 -0.01	48.42 2.48 -0.01	46.18 2.28 -0.01	43.76 2.16 -0.01	43.46 2.11 -0.01	45.11 2.23 -0.01	51.03 2.06 -0.01	60.55 2.10 -0.01	58.37 1.97 0.00	49.09 1.93 0.00	46.98 2.19 0.00	43.97 2.21 0.00	43.01 2.47 -0.01	42.68 2.30 0.00	44.61 2.52 -0.01	46.17 2.45 0.00	55.70 3.15 -0.01	68.16 3.12 0.00	85.01 4.20 -0.01	82.18 3.91 -0.01	66.43 3.34 -0.01	59.76 2.95 -0.01	54.61 2.45 -0.01	49.81 2.33 -0.01