

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/04/2025

Name	PTID	00:00 EDT	01:00 EDT	02:00 EDT	03:00 EDT	04:00 EDT	05:00 EDT	06:00 EDT	07:00 EDT	08:00 EDT	09:00 EDT	10:00 EDT	11:00 EDT	12:00 EDT	13:00 EDT	14:00 EDT	15:00 EDT	16:00 EDT	17:00 EDT	18:00 EDT	19:00 EDT	20:00 EDT	21:00 EDT	22:00 EDT	23:00 EDT
59TH STREET_GT_1	24138	44.53	41.66	45.69	41.23	38.75	39.88	52.72	48.38	46.49	44.32	41.14	38.89	36.67	34.63	35.17	34.65	34.71	82.27	53.99	61.00	48.18	46.58	40.36	47.67
		1.28	0.98	0.96	0.83	0.85	0.94	1.67	1.77	2.24	2.55	2.75	2.57	2.29	2.07	1.97	2.12	2.13	4.17	2.60	2.85	2.21	1.78	1.35	1.05
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	44.65	41.78	45.81	41.33	38.85	39.94	52.77	48.43	46.56	44.37	41.16	38.93	36.72	34.63	35.17	34.66	34.72	82.31	54.05	61.11	48.28	46.68	40.46	47.82
		1.40	1.09	1.08	0.93	0.95	1.01	1.72	1.81	2.32	2.60	2.77	2.61	2.33	2.07	1.97	2.13	2.14	4.21	2.66	2.96	2.31	1.88	1.45	1.19
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	44.65	41.78	45.81	41.33	38.85	39.94	52.77	48.43	46.56	44.37	41.16	38.93	36.72	34.63	35.17	34.66	34.72	82.31	54.05	61.11	48.28	46.68	40.46	47.82
		1.40	1.09	1.08	0.93	0.95	1.01	1.72	1.81	2.32	2.60	2.77	2.61	2.33	2.07	1.97	2.13	2.14	4.21	2.66	2.96	2.31	1.88	1.45	1.19
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	45.04	42.15	46.09	41.67	39.25	40.53	53.77	48.93	46.42	43.46	39.77	37.46	35.38	33.31	33.95	33.46	33.75	80.74	53.80	60.73	48.00	46.60	40.55	48.28
		1.79	1.46	1.36	1.27	1.35	1.59	2.72	2.31	2.18	1.68	1.37	1.14	1.00	0.74	0.75	0.93	1.17	2.64	2.41	2.58	2.03	1.80	1.54	1.66
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	45.35	42.41	46.31	41.86	39.45	40.80	54.20	49.25	46.68	43.63	39.99	37.68	35.56	33.44	34.11	33.59	33.91	81.06	54.14	61.11	48.26	46.92	40.88	48.64
		2.11	1.72	1.57	1.46	1.55	1.86	3.15	2.64	2.44	1.86	1.59	1.36	1.17	0.88	0.91	1.07	1.33	2.96	2.76	2.96	2.28	2.12	1.87	2.02
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	45.04	42.15	46.09	41.67	39.25	40.53	53.77	48.93	46.42	43.46	39.77	37.46	35.38	33.31	33.95	33.46	33.75	80.74	53.80	60.73	48.00	46.60	40.55	48.28
		1.79	1.46	1.36	1.27	1.35	1.59	2.72	2.31	2.18	1.68	1.37	1.14	1.00	0.74	0.75	0.93	1.17	2.64	2.41	2.58	2.03	1.80	1.54	1.66
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	43.58	40.79	44.60	40.39	38.02	39.15	51.81	47.10	44.84	42.26	38.78	36.64	34.61	32.59	33.25	32.78	33.04	78.37	51.98	58.48	46.30	44.95	39.10	46.85
		0.33	0.10	-0.14	-0.02	0.12	0.21	0.75	0.49	0.60	0.49	0.38	0.32	0.22	0.03	0.05	0.25	0.46	0.26	0.60	0.33	0.33	0.15	0.09	0.22
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AIR_PRODUCTS___DRP	24190	42.60	39.94	43.84	39.65	37.36	38.26	50.47	46.09	43.93	41.57	38.20	36.14	34.27	32.38	32.96	32.45	32.59	77.27	51.07	57.58	45.58	44.17	38.38	45.88
		-0.65	-0.75	-0.89	-0.75	-0.54	-0.68	-0.58	-0.52	-0.32	-0.20	-0.20	-0.18	-0.11	-0.18	-0.23	-0.08	0.01	-0.84	-0.32	-0.57	-0.38	-0.63	-0.63	-0.75
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	44.11	41.64	45.64	41.24	38.64	39.87	52.18	47.49	44.79	42.30	38.85	36.79	34.84	32.99	33.67	32.86	32.84	79.00	51.87	58.80	46.42	45.44	39.74	47.59
		0.86	0.95	0.91	0.84	0.74	0.93	1.12	0.88	0.54	0.52	0.45	0.48	0.45	0.43	0.46	0.33	0.26	0.90	0.48	0.65	0.45	0.64	0.73	0.96
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	43.53	40.85	44.91	40.60	38.22	39.17	51.66	47.12	44.81	42.19	38.49	36.29	34.37	32.50	33.05	32.56	32.72	78.41	52.07	58.91	46.63	45.17	39.26	46.86
		0.28	0.16	0.17	0.20	0.32	0.23	0.61	0.50	0.56	0.42	0.09	-0.03	-0.02	-0.06	-0.15	0.03	0.14	0.31	0.69	0.76	0.66	0.37	0.25	0.23
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	43.52	40.84	44.90	40.59	38.20	39.16	51.65	47.11	44.79	42.19	38.48	36.29	34.37	32.50	33.05	32.56	32.72	78.40	52.05	58.89	46.60	45.17	39.24	46.84
		0.27	0.15	0.17	0.19	0.31	0.23	0.60	0.49	0.55	0.41	0.08	-0.03	-0.02	-0.06	-0.15	0.03	0.13	0.30	0.67	0.74	0.63	0.37	0.23	0.22
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ALBANY___1	23571	42.60	39.94	43.84	39.65	37.36	38.26	50.47	46.09	43.93	41.57	38.20	36.14	34.27	32.38	32.96	32.45	32.59	77.27	51.07	57.58	45.58	44.17	38.38	45.88
		-0.65	-0.75	-0.89	-0.75	-0.54	-0.68	-0.58	-0.52	-0.32	-0.20	-0.20	-0.18	-0.11	-0.18	-0.23	-0.08	0.01	-0.84	-0.32	-0.57	-0.38	-0.63	-0.63	-0.75
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.60 -0.65 0.00	39.94 -0.75 0.00	43.84 -0.89 0.00	39.65 -0.75 0.00	37.36 -0.54 0.00	38.26 -0.68 0.00	50.47 -0.58 0.00	46.09 -0.52 0.00	43.93 -0.32 0.00	41.57 -0.20 0.00	38.20 -0.20 0.00	36.14 -0.18 0.00	34.27 -0.11 0.00	32.38 -0.18 0.00	32.96 -0.23 0.00	32.45 -0.08 0.00	32.59 0.01 0.00	77.27 -0.84 0.00	51.07 -0.32 0.00	57.58 -0.57 0.00	45.58 -0.38 0.00	44.17 -0.63 0.00	38.38 -0.63 0.00	45.88 -0.75 0.00
ALBANY___3 23573	42.60 -0.65 0.00	39.94 -0.75 0.00	43.84 -0.89 0.00	39.65 -0.75 0.00	37.36 -0.54 0.00	38.26 -0.68 0.00	50.47 -0.58 0.00	46.09 -0.52 0.00	43.93 -0.32 0.00	41.57 -0.20 0.00	38.20 -0.20 0.00	36.14 -0.18 0.00	34.27 -0.11 0.00	32.38 -0.18 0.00	32.96 -0.23 0.00	32.45 -0.08 0.00	32.59 0.01 0.00	77.27 -0.84 0.00	51.07 -0.32 0.00	57.58 -0.57 0.00	45.58 -0.38 0.00	44.17 -0.63 0.00	38.38 -0.63 0.00	45.88 -0.75 0.00
ALBANY___4 23574	42.60 -0.65 0.00	39.94 -0.75 0.00	43.84 -0.89 0.00	39.65 -0.75 0.00	37.36 -0.54 0.00	38.26 -0.68 0.00	50.47 -0.58 0.00	46.09 -0.52 0.00	43.93 -0.32 0.00	41.57 -0.20 0.00	38.20 -0.20 0.00	36.14 -0.18 0.00	34.27 -0.11 0.00	32.38 -0.18 0.00	32.96 -0.23 0.00	32.45 -0.08 0.00	32.59 0.01 0.00	77.27 -0.84 0.00	51.07 -0.32 0.00	57.58 -0.57 0.00	45.58 -0.38 0.00	44.17 -0.63 0.00	38.38 -0.63 0.00	45.88 -0.75 0.00
ALBANY___LFGE 323615	43.04 -0.22 0.00	40.35 -0.33 0.00	44.29 -0.45 0.00	40.05 -0.35 0.00	37.72 -0.18 0.00	38.65 -0.29 0.00	51.02 -0.03 0.00	46.59 -0.03 0.00	44.39 0.15 0.00	41.97 0.20 0.00	38.56 0.16 0.00	36.45 0.13 0.00	34.56 0.18 0.00	32.65 0.08 0.00	33.26 0.06 0.00	32.74 0.22 0.00	32.89 0.31 0.00	78.14 0.04 0.00	51.63 0.25 0.00	58.23 0.07 0.00	46.09 0.11 0.00	44.65 -0.16 0.00	38.79 -0.23 0.00	46.33 -0.29 0.00
ALCOA_PA_115KV_PL-6C 55860	44.31 1.06 0.00	41.84 1.15 0.00	45.85 1.11 0.00	41.44 1.03 0.00	38.83 0.93 0.00	40.08 1.14 0.00	52.46 1.41 0.00	47.76 1.14 0.00	44.95 0.70 0.00	42.39 0.61 0.00	38.92 0.52 0.00	36.87 0.54 0.00	34.90 0.51 0.00	33.05 0.49 0.00	33.72 0.52 0.00	32.92 0.39 0.00	32.89 0.31 0.00	79.22 1.11 0.00	52.05 0.66 0.00	59.10 0.95 0.00	46.67 0.70 0.00	45.69 0.89 0.00	39.96 0.95 0.00	47.83 1.21 0.00
ALCOA_RYNLDS___DRP 24188	44.31 1.06 0.00	41.84 1.15 0.00	45.85 1.11 0.00	41.44 1.03 0.00	38.83 0.93 0.00	40.08 1.14 0.00	52.46 1.41 0.00	47.76 1.14 0.00	44.95 0.70 0.00	42.39 0.61 0.00	38.92 0.52 0.00	36.87 0.54 0.00	34.90 0.51 0.00	33.05 0.49 0.00	33.72 0.52 0.00	32.92 0.39 0.00	32.89 0.31 0.00	79.22 1.11 0.00	52.05 0.66 0.00	59.10 0.95 0.00	46.67 0.70 0.00	45.69 0.89 0.00	39.96 0.95 0.00	47.83 1.21 0.00
ALCOA___DSASP 323711	44.31 1.06 0.00	41.84 1.15 0.00	45.85 1.11 0.00	41.44 1.03 0.00	38.82 0.93 0.00	40.08 1.14 0.00	52.46 1.40 0.00	47.76 1.14 0.00	44.95 0.70 0.00	42.39 0.61 0.00	38.92 0.52 0.00	36.86 0.54 0.00	34.90 0.51 0.00	33.05 0.49 0.00	33.72 0.52 0.00	32.92 0.39 0.00	32.89 0.31 0.00	79.22 1.11 0.00	52.05 0.66 0.00	59.10 0.95 0.00	46.67 0.70 0.00	45.69 0.89 0.00	39.96 0.95 0.00	47.83 1.21 0.00
ALLEGHENY___COGEN 23514	45.98 2.73 0.00	43.35 2.67 0.00	47.85 3.12 0.00	43.08 2.67 0.00	40.47 2.58 0.00	42.15 3.22 0.00	55.74 4.69 0.00	51.14 4.53 0.00	47.16 2.92 0.00	42.51 0.73 0.00	38.37 -0.03 0.00	36.23 -0.09 0.00	34.27 -0.12 0.00	32.65 0.09 0.00	33.46 0.25 0.00	32.53 0.00 0.00	32.56 -0.03 0.00	80.27 2.17 0.00	52.70 1.32 0.00	60.55 2.40 0.00	47.91 1.94 0.00	46.71 1.90 0.00	40.46 1.45 0.00	47.94 1.31 0.00
ALTAMONT_115KV_TB 2 55880	44.02 0.76 0.00	41.28 0.60 0.00	45.35 0.61 0.00	40.99 0.59 0.00	38.52 0.62 0.00	39.59 0.65 0.00	52.20 1.15 0.00	47.66 1.05 0.00	45.30 1.05 0.00	42.55 0.77 0.00	38.92 0.52 0.00	36.72 0.40 0.00	34.77 0.38 0.00	32.84 0.28 0.00	33.43 0.23 0.00	32.87 0.34 0.00	32.99 0.41 0.00	78.56 0.46 0.00	51.89 0.51 0.00	58.64 0.49 0.00	46.40 0.43 0.00	44.98 0.18 0.00	39.09 0.09 0.00	46.62 0.00 0.00
ALTONA_WT_PWR 323606	43.54 0.29 0.00	41.33 0.65 0.00	45.39 0.66 0.00	41.05 0.64 0.00	38.58 0.69 0.00	39.89 0.96 0.00	52.50 1.44 0.00	47.48 0.86 0.00	44.60 0.35 0.00	42.00 0.23 0.00	38.66 0.26 0.00	36.57 0.25 0.00	34.56 0.17 0.00	32.57 0.00 0.00	33.38 0.18 0.00	32.68 0.15 0.00	32.61 0.03 0.00	78.51 0.41 0.00	51.87 0.48 0.00	59.23 1.08 0.00	46.89 0.92 0.00	46.02 1.22 0.00	40.37 1.36 0.00	48.52 1.90 0.00
AMERICAN_REF_FUEL 24010	42.58 -0.67 0.00	40.50 -0.19 0.00	44.93 0.19 0.00	40.38 -0.02 0.00	37.83 -0.07 0.00	39.39 0.45 0.00	50.91 -0.15 0.00	46.15 -0.46 0.00	43.12 -1.13 0.00	40.83 -0.95 0.00	37.48 -0.92 0.00	35.54 -0.78 0.00	33.70 -0.69 0.00	32.21 -0.35 0.00	33.06 -0.14 0.00	31.96 -0.56 0.00	31.67 -0.91 0.00	76.47 -1.63 0.00	49.62 -1.76 0.00	56.14 -2.01 0.00	44.19 -1.78 0.00	43.44 -1.37 0.00	37.90 -1.11 0.00	45.53 -1.10 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	44.01 0.76 0.00	41.73 1.04 0.00	46.51 1.77 0.00	41.82 1.42 0.00	39.12 1.23 0.00	40.67 1.73 0.00	52.88 1.83 0.00	48.50 1.89 0.00	45.87 1.62 0.00	43.46 1.68 0.00	39.92 1.53 0.00	37.68 1.36 0.00	35.74 1.36 0.00	34.05 1.49 0.00	35.00 1.80 0.00	33.95 1.42 0.00	33.76 1.18 0.00	81.56 3.46 0.00	53.01 1.63 0.00	59.66 1.51 0.00	46.79 0.82 0.00	45.37 0.56 0.00	38.89 -0.12 0.00	45.87 -0.75 0.00
ARTHUR KILL_GT_1 23520	54.60 1.48 -9.86	53.95 1.15 -12.11	53.34 1.13 -7.48	53.26 1.03 -11.82	53.25 1.02 -14.33	53.90 1.03 -13.93	58.44 1.62 -5.76	55.34 1.77 -6.96	56.85 2.25 -10.36	56.48 2.53 -12.17	55.17 2.66 -14.12	57.12 2.52 -18.28	56.59 2.27 -19.94	56.34 2.01 -21.77	56.35 1.89 -21.26	57.27 2.06 -22.68	57.27 2.06 -22.63	92.59 3.90 -10.59	64.02 2.57 -10.07	89.02 2.84 -28.03	83.26 2.28 -35.01	64.29 1.88 -17.61	56.29 1.54 -15.75	58.61 1.26 -10.73
ARTHUR_KILL_2 23512	54.47 1.36 -9.86	53.85 1.05 -12.11	53.22 1.00 -7.48	53.16 0.93 -11.82	53.16 0.93 -14.33	53.79 0.92 -13.93	58.28 1.47 -5.76	55.20 1.64 -6.96	56.72 2.11 -10.36	56.36 2.41 -12.17	55.09 2.57 -14.12	57.02 2.42 -18.28	56.52 2.19 -19.94	56.26 1.93 -21.77	56.26 1.80 -21.26	57.19 1.98 -22.68	57.19 1.98 -22.63	92.40 3.71 -10.59	63.87 2.42 -10.07	88.85 2.67 -28.03	83.12 2.14 -35.01	64.15 1.74 -17.61	56.18 1.42 -15.75	58.48 1.13 -10.73
ARTHUR_KILL_3 23513	54.05 0.88 -9.93	53.64 0.60 -12.35	52.78 0.56 -7.49	52.67 0.45 -11.82	52.72 0.50 -14.33	53.40 0.54 -13.92	57.88 1.08 -5.75	54.76 1.20 -6.95	56.31 1.72 -10.35	51.34 2.04 -7.53	54.82 2.30 -14.12	54.39 2.14 -15.93	52.46 1.89 -16.18	52.19 1.66 -17.97	53.32 1.53 -18.59	53.20 1.72 -18.95	53.57 1.73 -19.26	90.84 3.21 -9.53	58.03 2.01 -4.63	80.30 2.24 -19.91	76.36 1.78 -28.61	63.35 1.35 -17.20	55.77 1.02 -15.74	58.01 0.65 -10.73

ARTHUR_KILL_COGEN 323718	54.60 1.48 -9.86	53.95 1.15 -12.11	53.34 1.13 -7.48	53.26 1.03 -11.82	53.25 1.02 -14.33	53.90 1.03 -13.93	58.44 1.62 -5.76	55.34 1.77 -6.96	56.85 2.25 -10.36	56.48 2.53 -12.17	55.17 2.66 -14.12	57.12 2.52 -18.28	56.59 2.27 -19.94	56.34 2.01 -21.77	56.35 1.89 -21.26	57.27 2.06 -22.68	57.27 2.06 -22.63	92.59 3.90 -10.59	64.02 2.57 -10.07	89.02 2.84 -28.03	83.26 2.28 -35.01	64.29 1.88 -17.61	56.29 1.54 -15.75	58.61 1.26 -10.73
ASHOKAN____ 23654	43.99 0.74 0.00	41.18 0.49 0.00	45.22 0.48 0.00	40.84 0.43 0.00	38.44 0.54 0.00	39.45 0.51 0.00	52.18 1.13 0.00	47.86 1.25 0.00	45.67 1.43 0.00	43.27 1.49 0.00	39.75 1.35 0.00	37.55 1.23 0.00	35.35 0.96 0.00	33.35 0.79 0.00	34.00 0.79 0.00	33.42 0.89 0.00	33.63 1.05 0.00	80.15 2.04 0.00	53.20 1.82 0.00	60.35 2.19 0.00	47.77 1.80 0.00	46.21 1.41 0.00	40.06 1.05 0.00	47.48 0.85 0.00
ASTORIA_EAST_ENERGY_CC1 323581	44.36 1.10 0.00	41.46 0.77 -0.01	45.48 0.74 0.00	41.00 0.60 0.00	38.55 0.65 0.00	39.61 0.67 0.00	52.34 1.29 0.00	48.09 1.47 0.00	46.17 1.93 0.00	43.97 2.19 -0.01	40.76 2.36 -0.01	38.58 2.25 -0.01	36.37 1.97 0.00	34.30 1.73 0.00	34.86 1.65 0.00	34.34 1.81 0.00	34.40 1.81 -0.01	81.42 3.32 0.00	53.58 2.11 -0.08	60.54 2.39 0.00	48.08 1.93 -0.18	46.31 1.51 0.00	40.15 1.14 0.00	47.41 0.79 0.00
ASTORIA_EAST_ENERGY_CC2 323582	44.36 1.10 0.00	41.46 0.77 -0.01	45.48 0.74 0.00	41.00 0.60 0.00	38.55 0.65 0.00	39.61 0.67 0.00	52.34 1.29 0.00	48.09 1.47 0.00	46.17 1.93 0.00	43.97 2.19 -0.01	40.76 2.36 -0.01	38.58 2.25 -0.01	36.36 1.97 0.00	34.30 1.73 0.00	34.85 1.65 0.00	34.34 1.81 0.00	34.40 1.81 -0.01	81.42 3.32 0.00	53.58 2.11 -0.08	60.54 2.39 0.00	48.08 1.93 -0.18	46.31 1.51 0.00	40.15 1.14 0.00	47.41 0.79 0.00
ASTORIA_GT2_1 24094	44.39 1.13 0.00	41.48 0.79 0.00	45.50 0.76 0.00	41.03 0.62 0.00	38.57 0.67 0.00	39.62 0.69 0.00	52.37 1.32 0.00	48.11 1.49 0.00	46.19 1.94 -0.01	43.99 2.21 -0.01	40.79 2.39 -0.01	38.60 2.27 -0.01	36.39 2.00 0.00	34.33 1.76 0.00	34.87 1.67 0.00	34.37 1.84 0.00	34.41 1.82 -0.01	81.44 3.34 0.00	53.61 2.15 -0.08	60.55 2.40 0.00	48.11 1.97 -0.18	46.34 1.54 0.00	40.17 1.16 0.00	47.42 0.79 0.00
ASTORIA_GT2_2 24095	44.39 1.13 0.00	41.48 0.79 -0.01	45.50 0.76 0.00	41.03 0.62 0.00	38.57 0.67 0.00	39.62 0.69 0.00	52.37 1.32 0.00	48.11 1.49 0.00	46.19 1.94 -0.01	43.99 2.21 -0.01	40.79 2.39 -0.01	38.60 2.27 -0.01	36.39 2.00 0.00	34.33 1.76 0.00	34.87 1.67 0.00	34.37 1.84 0.00	34.41 1.82 -0.01	81.44 3.34 0.00	53.61 2.15 -0.08	60.55 2.40 0.00	48.11 1.97 -0.18	46.34 1.54 0.00	40.17 1.16 0.00	47.42 0.79 0.00
ASTORIA_GT2_3 24096	44.39 1.13 0.00	41.48 0.79 -0.01	45.50 0.76 0.00	41.03 0.62 0.00	38.57 0.67 0.00	39.62 0.69 0.00	52.37 1.32 0.00	48.11 1.49 0.00	46.19 1.94 -0.01	43.99 2.21 -0.01	40.79 2.39 -0.01	38.60 2.27 -0.01	36.39 2.00 0.00	34.33 1.76 0.00	34.87 1.67 0.00	34.37 1.84 0.00	34.41 1.82 -0.01	81.44 3.34 0.00	53.61 2.15 -0.08	60.55 2.40 0.00	48.11 1.97 -0.18	46.34 1.54 0.00	40.17 1.16 0.00	47.42 0.79 0.00
ASTORIA_GT2_4 24097	44.39 1.13 0.00	41.48 0.79 -0.01	45.50 0.76 0.00	41.03 0.62 0.00	38.57 0.67 0.00	39.62 0.69 0.00	52.37 1.32 0.00	48.11 1.49 0.00	46.19 1.94 -0.01	43.99 2.21 -0.01	40.79 2.39 -0.01	38.60 2.27 -0.01	36.39 2.00 0.00	34.33 1.76 0.00	34.87 1.67 0.00	34.37 1.84 0.00	34.41 1.82 -0.01	81.44 3.34 0.00	53.61 2.15 -0.08	60.55 2.40 0.00	48.11 1.97 -0.18	46.34 1.54 0.00	40.17 1.16 0.00	47.42 0.79 0.00
ASTORIA_GT3_1 24098	44.39 1.13 0.00	41.48 0.79 -0.01	45.50 0.76 0.00	41.03 0.62 0.00	38.57 0.67 0.00	39.62 0.69 0.00	52.37 1.32 0.00	48.11 1.49 0.00	46.19 1.94 -0.01	43.99 2.21 -0.01	40.79 2.39 -0.01	38.60 2.27 -0.01	36.39 2.00 0.00	34.33 1.76 0.00	34.87 1.67 0.00	34.37 1.84 0.00	34.41 1.82 -0.01	81.44 3.34 0.00	53.61 2.15 -0.08	60.55 2.40 0.00	48.11 1.97 -0.18	46.34 1.54 0.00	40.17 1.16 0.00	47.42 0.79 0.00
ASTORIA_GT3_2 24099	44.39 1.13 0.00	41.48 0.79 -0.01	45.50 0.76 0.00	41.03 0.62 0.00	38.57 0.67 0.00	39.62 0.69 0.00	52.37 1.32 0.00	48.11 1.49 0.00	46.19 1.94 -0.01	43.99 2.21 -0.01	40.79 2.39 -0.01	38.60 2.27 -0.01	36.39 2.00 0.00	34.33 1.76 0.00	34.87 1.67 0.00	34.37 1.84 0.00	34.41 1.82 -0.01	81.44 3.34 0.00	53.61 2.15 -0.08	60.55 2.40 0.00	48.11 1.97 -0.18	46.34 1.54 0.00	40.17 1.16 0.00	47.42 0.79 0.00
ASTORIA_GT3_3 24100	44.39 1.13 0.00	41.48 0.79 -0.01	45.50 0.76 0.00	41.03 0.62 0.00	38.57 0.67 0.00	39.62 0.69 0.00	52.37 1.32 0.00	48.11 1.49 0.00	46.19 1.94 -0.01	43.99 2.21 -0.01	40.79 2.39 -0.01	38.60 2.27 -0.01	36.39 2.00 0.00	34.33 1.76 0.00	34.87 1.67 0.00	34.37 1.84 0.00	34.41 1.82 -0.01	81.44 3.34 0.00	53.61 2.15 -0.08	60.55 2.40 0.00	48.11 1.97 -0.18	46.34 1.54 0.00	40.17 1.16 0.00	47.42 0.79 0.00
ASTORIA_GT3_4 24101	44.39 1.13 0.00	41.48 0.79 -0.01	45.50 0.76 0.00	41.03 0.62 0.00	38.57 0.67 0.00	39.62 0.69 0.00	52.37 1.32 0.00	48.11 1.49 0.00	46.19 1.94 -0.01	43.99 2.21 -0.01	40.79 2.39 -0.01	38.60 2.27 -0.01	36.39 2.00 0.00	34.33 1.76 0.00	34.87 1.67 0.00	34.37 1.84 0.00	34.41 1.82 -0.01	81.44 3.34 0.00	53.61 2.15 -0.08	60.55 2.40 0.00	48.11 1.97 -0.18	46.34 1.54 0.00	40.17 1.16 0.00	47.42 0.79 0.00
ASTORIA_GT4_1 24102	44.39 1.13 0.00	41.48 0.79 -0.01	45.50 0.76 0.00	41.03 0.62 0.00	38.57 0.67 0.00	39.62 0.69 0.00	52.37 1.32 0.00	48.11 1.49 0.00	46.19 1.94 -0.01	43.99 2.21 -0.01	40.79 2.39 -0.01	38.60 2.27 -0.01	36.39 2.00 0.00	34.33 1.76 0.00	34.87 1.67 0.00	34.37 1.84 0.00	34.41 1.82 -0.01	81.44 3.34 0.00	53.61 2.15 -0.08	60.55 2.40 0.00	48.11 1.97 -0.18	46.34 1.54 0.00	40.17 1.16 0.00	47.42 0.79 0.00
ASTORIA_GT4_2 24103	44.39 1.13 0.00	41.48 0.79 -0.01	45.50 0.76 0.00	41.03 0.62 0.00	38.57 0.67 0.00	39.62 0.69 0.00	52.37 1.32 0.00	48.11 1.49 0.00	46.19 1.94 -0.01	43.99 2.21 -0.01	40.79 2.39 -0.01	38.60 2.27 -0.01	36.39 2.00 0.00	34.33 1.76 0.00	34.87 1.67 0.00	34.37 1.84 0.00	34.41 1.82 -0.01	81.44 3.34 0.00	53.61 2.15 -0.08	60.55 2.40 0.00	48.11 1.97 -0.18	46.34 1.54 0.00	40.17 1.16 0.00	47.42 0.79 0.00
ASTORIA_GT4_3 24104	44.39 1.13 0.00	41.48 0.79 -0.01	45.50 0.76 0.00	41.03 0.62 0.00	38.57 0.67 0.00	39.62 0.69 0.00	52.37 1.32 0.00	48.11 1.49 0.00	46.19 1.94 -0.01	43.99 2.21 -0.01	40.79 2.39 -0.01	38.60 2.27 -0.01	36.39 2.00 0.00	34.33 1.76 0.00	34.87 1.67 0.00	34.37 1.84 0.00	34.41 1.82 -0.01	81.44 3.34 0.00	53.61 2.15 -0.08	60.55 2.40 0.00	48.11 1.97 -0.18	46.34 1.54 0.00	40.17 1.16 0.00	47.42 0.79 0.00

ASTORIA_GT4_4 24105	44.39 1.13 0.00	41.48 0.79 -0.01	45.50 0.76 0.00	41.03 0.62 0.00	38.57 0.67 0.00	39.62 0.69 0.00	52.37 1.32 0.00	48.11 1.49 0.00	46.19 1.94 -0.01	43.99 2.21 -0.01	40.79 2.39 -0.01	38.60 2.27 -0.01	36.39 2.00 0.00	34.33 1.76 0.00	34.87 1.67 0.00	34.37 1.84 0.00	34.41 1.82 -0.01	81.44 3.34 0.00	53.61 2.15 -0.08	60.55 2.40 0.00	48.11 1.97 -0.18	46.34 1.54 0.00	40.17 1.16 0.00	47.42 0.79 0.00
ASTORIA_GT_1 23523	44.45 1.20 0.00	41.56 0.86 -0.01	45.58 0.85 0.00	41.10 0.69 0.00	38.63 0.73 0.00	39.70 0.76 0.00	52.47 1.42 0.00	48.20 1.59 0.00	46.29 2.04 0.00	44.08 2.30 -0.01	40.87 2.47 -0.01	38.69 2.36 -0.01	36.45 2.06 0.00	34.38 1.81 0.00	34.94 1.74 0.00	34.43 1.89 0.00	34.48 1.89 -0.01	81.62 3.52 0.00	53.73 2.26 -0.08	60.68 2.52 0.00	48.20 2.06 -0.18	46.43 1.63 0.00	40.25 1.24 0.00	47.51 0.89 0.00
ASTORIA_GT_10 24110	44.50 1.24 0.00	41.63 0.94 -0.01	45.63 0.90 0.00	41.19 0.78 0.00	38.72 0.82 0.00	39.78 0.84 0.00	52.52 1.46 0.00	48.26 1.64 0.00	46.70 2.14 -0.32	47.91 2.40 -3.74	47.74 2.60 -6.74	45.07 2.46 -6.29	41.12 2.18 -4.56	39.18 1.93 -4.69	39.08 1.82 -4.05	39.19 1.99 -4.67	39.35 2.00 -4.77	82.18 3.80 -0.28	53.82 2.43 0.00	60.86 2.71 0.00	48.12 2.15 0.00	46.51 1.71 0.00	40.32 1.31 0.00	47.64 1.01 0.00
ASTORIA_GT_11 24225	44.50 1.24 0.00	41.63 0.94 -0.01	45.63 0.90 0.00	41.19 0.78 0.00	38.72 0.82 0.00	39.78 0.84 0.00	52.52 1.46 0.00	48.26 1.64 0.00	46.70 2.14 -0.32	47.91 2.40 -3.74	47.74 2.60 -6.74	45.07 2.46 -6.29	41.12 2.18 -4.56	39.18 1.93 -4.69	39.08 1.82 -4.05	39.19 1.99 -4.67	39.35 2.00 -4.77	82.18 3.80 -0.28	53.82 2.43 0.00	60.86 2.71 0.00	48.12 2.15 0.00	46.51 1.71 0.00	40.32 1.31 0.00	47.64 1.01 0.00
ASTORIA_GT_12 24226	44.50 1.24 0.00	41.63 0.94 -0.01	45.63 0.90 0.00	41.19 0.78 0.00	38.72 0.82 0.00	39.78 0.84 0.00	52.52 1.46 0.00	48.26 1.64 0.00	46.70 2.14 -0.32	47.91 2.40 -3.74	47.74 2.60 -6.74	45.07 2.46 -6.29	41.12 2.18 -4.56	39.18 1.93 -4.69	39.08 1.82 -4.05	39.19 1.99 -4.67	39.35 2.00 -4.77	82.18 3.80 -0.28	53.82 2.43 0.00	60.86 2.71 0.00	48.12 2.15 0.00	46.51 1.71 0.00	40.32 1.31 0.00	47.64 1.01 0.00
ASTORIA_GT_13 24227	44.50 1.24 0.00	41.63 0.94 -0.01	45.63 0.90 0.00	41.19 0.78 0.00	38.72 0.82 0.00	39.78 0.84 0.00	52.52 1.46 0.00	48.26 1.64 0.00	46.70 2.14 -0.32	47.91 2.40 -3.74	47.74 2.60 -6.74	45.07 2.46 -6.29	41.12 2.18 -4.56	39.18 1.93 -4.69	39.08 1.82 -4.05	39.19 1.99 -4.67	39.35 2.00 -4.77	82.18 3.80 -0.28	53.82 2.43 0.00	60.86 2.71 0.00	48.12 2.15 0.00	46.51 1.71 0.00	40.32 1.31 0.00	47.64 1.01 0.00
ASTORIA_GT_5 24106	44.45 1.20 0.00	41.55 0.86 -0.01	45.58 0.84 0.00	41.10 0.69 0.00	38.63 0.73 0.00	39.70 0.76 0.00	52.47 1.41 0.00	48.20 1.59 0.00	46.28 2.03 -0.01	44.09 2.31 -0.01	40.88 2.47 -0.01	38.69 2.36 -0.01	36.46 2.07 0.00	34.40 1.83 0.00	34.95 1.74 0.00	34.44 1.91 0.00	34.49 1.90 -0.01	81.61 3.50 0.00	53.72 2.25 -0.08	60.67 2.52 0.00	48.21 2.06 -0.18	46.43 1.63 0.00	40.25 1.23 0.00	47.51 0.89 0.00
ASTORIA_GT_7 24107	44.45 1.20 0.00	41.55 0.86 -0.01	45.58 0.84 0.00	41.10 0.69 0.00	38.63 0.73 0.00	39.70 0.76 0.00	52.47 1.41 0.00	48.20 1.59 0.00	46.28 2.03 -0.01	44.09 2.31 -0.01	40.88 2.47 -0.01	38.69 2.36 -0.01	36.46 2.07 0.00	34.40 1.83 0.00	34.95 1.74 0.00	34.44 1.91 0.00	34.49 1.90 -0.01	81.61 3.50 0.00	53.72 2.25 -0.08	60.67 2.52 0.00	48.21 2.06 -0.18	46.43 1.63 0.00	40.25 1.23 0.00	47.51 0.89 0.00
ASTORIA_GT_8 24108	44.45 1.20 0.00	41.55 0.86 -0.01	45.58 0.84 0.00	41.10 0.69 0.00	38.63 0.73 0.00	39.70 0.76 0.00	52.47 1.41 0.00	48.20 1.59 0.00	46.28 2.03 -0.01	44.09 2.31 -0.01	40.88 2.47 -0.01	38.69 2.36 -0.01	36.46 2.07 0.00	34.40 1.83 0.00	34.95 1.74 0.00	34.44 1.91 0.00	34.49 1.90 -0.01	81.61 3.50 0.00	53.72 2.25 -0.08	60.67 2.52 0.00	48.21 2.06 -0.18	46.43 1.63 0.00	40.25 1.23 0.00	47.51 0.89 0.00
ASTORIA___2 24149	44.39 1.13 0.00	41.48 0.79 -0.01	45.50 0.76 0.00	41.03 0.62 0.00	38.57 0.67 0.00	39.62 0.68 0.00	52.37 1.32 0.00	48.11 1.50 0.00	46.20 1.95 0.00	43.99 2.21 -0.01	40.79 2.38 -0.01	38.61 2.28 -0.01	36.38 1.99 0.00	34.31 1.74 0.00	34.87 1.67 0.00	34.35 1.82 0.00	34.41 1.82 -0.01	81.46 3.36 0.00	53.61 2.15 -0.08	60.56 2.41 0.00	48.11 1.96 -0.18	46.34 1.54 0.00	40.17 1.16 0.00	47.42 0.79 0.00
ASTORIA___3 23516	44.49 1.24 0.00	41.64 0.95 -0.01	45.64 0.90 0.00	41.19 0.78 0.00	38.72 0.82 0.00	39.78 0.84 0.00	52.52 1.46 0.00	48.27 1.65 0.00	46.71 2.15 -0.32	47.93 2.42 -3.74	47.73 2.60 -6.74	45.08 2.47 -6.29	41.12 2.17 -4.56	39.19 1.93 -4.69	39.07 1.82 -4.05	39.20 2.00 -4.67	39.35 2.00 -4.77	82.19 3.81 -0.28	53.84 2.45 0.00	60.87 2.72 0.00	48.13 2.16 0.00	46.51 1.71 0.00	40.33 1.31 0.00	47.64 1.01 0.00
ASTORIA___4 23517	44.49 1.24 0.00	41.63 0.94 -0.01	45.63 0.90 0.00	41.19 0.78 0.00	38.72 0.82 0.00	39.78 0.84 0.00	52.52 1.46 0.00	48.26 1.64 0.00	46.70 2.14 -0.32	47.91 2.40 -3.74	47.74 2.60 -6.74	45.07 2.46 -6.29	41.12 2.18 -4.56	39.18 1.93 -4.69	39.08 1.82 -4.05	39.19 1.99 -4.67	39.35 2.00 -4.77	82.18 3.80 -0.28	53.82 2.43 0.00	60.85 2.70 0.00	48.12 2.15 0.00	46.51 1.71 0.00	40.32 1.31 0.00	47.63 1.01 0.00
ASTORIA___5 23518	44.49 1.24 0.00	41.64 0.95 -0.01	45.64 0.90 0.00	41.19 0.78 0.00	38.72 0.82 0.00	39.78 0.84 0.00	52.52 1.46 0.00	48.27 1.66 0.00	46.71 2.15 -0.32	47.93 2.42 -3.74	47.74 2.60 -6.74	45.08 2.47 -6.29	41.12 2.17 -4.56	39.19 1.93 -4.69	39.07 1.82 -4.05	39.20 2.00 -4.67	39.35 2.00 -4.77	82.19 3.81 -0.28	53.84 2.45 0.00	60.87 2.72 0.00	48.13 2.16 0.00	46.51 1.71 0.00	40.33 1.31 0.00	47.64 1.01 0.00
AST_ENERGY_2_CC3 323677	44.29 1.04 0.00	41.45 0.76 0.00	45.45 0.72 0.00	41.00 0.59 0.00	38.54 0.65 0.00	39.61 0.68 0.00	52.33 1.28 0.00	48.02 1.40 0.00	46.16 1.91 0.00	43.99 2.22 0.00	40.83 2.44 0.00	38.62 2.30 0.00	36.42 2.03 0.00	34.38 1.82 0.00	34.90 1.69 0.00	34.39 1.87 0.00	34.45 1.87 0.00	81.62 3.52 0.00	53.59 2.21 0.00	60.60 2.45 0.00	47.91 1.94 0.00	46.31 1.51 0.00	40.16 1.15 0.00	47.44 0.82 0.00
AST_ENERGY_2_CC4 323678	44.29 1.04 0.00	41.45 0.76 0.00	45.45 0.72 0.00	41.00 0.59 0.00	38.54 0.65 0.00	39.61 0.68 0.00	52.33 1.28 0.00	48.02 1.40 0.00	46.16 1.91 0.00	43.99 2.22 0.00	40.83 2.44 0.00	38.62 2.30 0.00	36.42 2.03 0.00	34.38 1.82 0.00	34.90 1.69 0.00	34.39 1.87 0.00	34.45 1.87 0.00	81.62 3.52 0.00	53.59 2.21 0.00	60.60 2.45 0.00	47.91 1.94 0.00	46.31 1.51 0.00	40.16 1.15 0.00	47.44 0.82 0.00

ATHENS_STG_1 23668	43.54 0.29 0.00	40.82 0.14 0.00	44.91 0.18 0.00	40.57 0.17 0.00	38.14 0.24 0.00	39.04 0.10 0.00	51.51 0.45 0.00	47.06 0.44 0.00	44.97 0.73 0.00	42.65 0.88 0.00	39.35 0.96 0.00	37.21 0.89 0.00	35.20 0.82 0.00	33.23 0.66 0.00	33.80 0.60 0.00	33.23 0.71 0.00	33.35 0.77 0.00	79.32 1.22 0.00	52.29 0.90 0.00	59.05 0.90 0.00	46.73 0.76 0.00	45.26 0.46 0.00	39.33 0.32 0.00	46.74 0.12 0.00
ATHENS_STG_2 23670	43.54 0.29 0.00	40.82 0.14 0.00	44.91 0.18 0.00	40.57 0.17 0.00	38.14 0.24 0.00	39.04 0.10 0.00	51.51 0.45 0.00	47.06 0.44 0.00	44.97 0.73 0.00	42.65 0.88 0.00	39.35 0.96 0.00	37.21 0.89 0.00	35.20 0.82 0.00	33.23 0.66 0.00	33.80 0.60 0.00	33.23 0.71 0.00	33.35 0.77 0.00	79.32 1.22 0.00	52.29 0.90 0.00	59.05 0.90 0.00	46.73 0.76 0.00	45.26 0.46 0.00	39.33 0.32 0.00	46.74 0.12 0.00
ATHENS_STG_3 23677	43.54 0.29 0.00	40.82 0.14 0.00	44.91 0.18 0.00	40.57 0.17 0.00	38.14 0.24 0.00	39.04 0.10 0.00	51.51 0.45 0.00	47.06 0.44 0.00	44.97 0.73 0.00	42.65 0.88 0.00	39.35 0.96 0.00	37.21 0.89 0.00	35.20 0.82 0.00	33.23 0.66 0.00	33.80 0.60 0.00	33.23 0.71 0.00	33.35 0.77 0.00	79.32 1.22 0.00	52.29 0.90 0.00	59.05 0.90 0.00	46.73 0.76 0.00	45.26 0.46 0.00	39.33 0.32 0.00	46.74 0.12 0.00
AUBURN___LFGE 323710	43.42 0.17 0.00	40.98 0.29 0.00	45.22 0.48 0.00	40.82 0.41 0.00	38.23 0.33 0.00	39.24 0.31 0.00	51.52 0.46 0.00	47.30 0.69 0.00	44.71 0.46 0.00	42.02 0.25 0.00	38.43 0.03 0.00	36.13 -0.18 0.00	34.29 -0.09 0.00	32.51 -0.05 0.00	33.21 0.01 0.00	32.49 -0.04 0.00	32.59 0.01 0.00	78.45 0.34 0.00	51.76 0.38 0.00	58.97 0.82 0.00	46.58 0.61 0.00	45.11 0.31 0.00	39.29 0.28 0.00	46.96 0.34 0.00
BABYLON_RES_REC 323704	48.24 1.63 -3.36	44.87 1.38 -2.81	46.25 1.24 -0.27	41.29 0.89 0.00	38.78 0.88 0.00	39.93 0.99 0.00	56.06 1.94 -3.07	48.34 1.72 0.00	52.43 2.25 -5.94	50.70 2.61 -6.31	48.50 2.54 -7.57	49.40 2.69 -10.39	37.03 2.26 -0.39	34.50 1.88 -0.05	34.79 1.59 0.00	35.42 2.12 -0.77	35.01 1.93 -0.50	81.22 3.12 0.00	59.45 2.07 -5.99	65.82 2.51 -5.16	52.71 1.89 -4.85	49.95 1.70 -3.46	44.45 1.22 -4.22	47.51 0.89 0.00
BABYLON___69_KV_BK2 356345	48.52 1.98 -3.29	45.14 1.71 -2.75	46.70 1.70 -0.27	41.67 1.26 0.00	39.06 1.16 0.00	40.20 1.27 0.00	56.46 2.39 -3.01	48.72 2.11 0.00	52.70 2.64 -5.81	50.96 3.00 -6.18	48.67 2.86 -7.41	49.52 3.03 -10.18	37.33 2.56 -0.38	34.76 2.15 -0.05	34.99 1.79 0.00	35.65 2.37 -0.75	35.22 2.15 -0.49	81.68 3.58 0.00	59.66 2.42 -5.86	66.16 2.96 -5.05	52.96 2.26 -4.73	50.25 2.06 -3.39	44.65 1.51 -4.13	47.85 1.23 0.00
BALL_HILL_WT_PWR 323825	43.65 0.40 0.00	41.38 0.69 0.00	46.02 1.29 0.00	41.34 0.94 0.00	38.69 0.79 0.00	40.19 1.25 0.00	52.23 1.18 0.00	47.87 1.25 0.00	45.21 0.97 0.00	42.83 1.05 0.00	39.36 0.96 0.00	37.17 0.85 0.00	35.28 0.89 0.00	33.64 1.07 0.00	34.58 1.38 0.00	33.56 1.03 0.00	33.38 0.80 0.00	80.68 2.58 0.00	52.40 1.01 0.00	59.18 1.03 0.00	46.41 0.44 0.00	45.13 0.33 0.00	38.95 -0.06 0.00	46.12 -0.50 0.00
BARON_WINDS___WT_PWR 323822	42.36 -0.89 0.00	40.23 -0.45 0.00	44.88 0.15 0.00	40.48 0.07 0.00	37.96 0.07 0.00	39.32 0.38 0.00	51.29 0.24 0.00	46.97 0.36 0.00	44.19 -0.05 0.00	41.47 -0.31 0.00	37.96 -0.44 0.00	35.81 -0.51 0.00	33.87 -0.52 0.00	32.26 -0.30 0.00	33.19 -0.02 0.00	32.32 -0.21 0.00	32.34 -0.25 0.00	79.00 0.89 0.00	51.57 0.19 0.00	58.53 0.38 0.00	46.01 0.04 0.00	44.77 -0.03 0.00	38.84 -0.17 0.00	45.86 -0.76 0.00
BARRETT_IC_1 23704	79.92 1.30 -35.37	79.92 1.06 -38.17	51.15 0.91 -5.50	47.70 0.64 -6.65	79.92 0.76 -41.26	79.92 0.82 -40.16	90.72 1.44 -38.23	55.40 1.36 -7.43	87.04 1.83 -40.97	60.22 2.15 -16.29	85.95 2.22 -45.33	116.82 2.26 -78.24	62.23 2.03 -25.82	55.07 1.73 -20.78	62.23 1.51 -27.52	73.54 1.90 -39.11	74.89 1.75 -40.56	138.09 2.74 -57.25	130.25 1.88 -76.99	111.95 2.16 -51.64	98.77 1.59 -51.21	80.60 1.37 -34.43	110.03 1.05 -69.97	47.35 0.67 -0.05
BARRETT_IC_10 23701	79.92 1.30 -35.37	79.92 1.06 -38.17	51.15 0.91 -5.50	47.70 0.64 -6.65	79.92 0.76 -41.26	79.92 0.82 -40.16	81.28 1.44 -28.79	49.97 1.36 -2.00	77.19 1.83 -31.12	57.71 2.15 -13.79	63.17 2.22 -22.55	96.54 2.26 -57.96	62.23 2.03 -25.82	55.07 1.73 -20.78	62.23 1.51 -27.52	73.54 1.90 -39.11	74.89 1.75 -40.56	126.16 2.74 -45.32	78.36 1.88 -25.10	83.24 2.16 -22.93	58.34 1.59 -10.78	57.69 1.37 -11.52	61.49 1.05 -21.43	47.31 0.67 -0.01
BARRETT_IC_11 23702	79.92 1.30 -35.37	79.92 1.06 -38.17	51.15 0.91 -5.50	47.70 0.64 -6.65	79.92 0.76 -41.26	79.92 0.82 -40.16	81.28 1.44 -28.79	49.97 1.36 -2.00	77.19 1.83 -31.12	57.71 2.15 -13.79	63.17 2.22 -22.55	96.54 2.26 -57.96	62.23 2.03 -25.82	55.07 1.73 -20.78	62.23 1.51 -27.52	73.54 1.90 -39.11	74.89 1.75 -40.56	126.16 2.74 -45.32	78.36 1.88 -25.10	83.24 2.16 -22.93	58.34 1.59 -10.78	57.69 1.37 -11.52	61.49 1.05 -21.43	47.31 0.67 -0.01
BARRETT_IC_12 23703	79.92 1.30 -35.37	79.92 1.06 -38.17	51.15 0.91 -5.50	47.70 0.64 -6.65	79.92 0.76 -41.26	79.92 0.82 -40.16	81.28 1.44 -28.79	49.97 1.36 -2.00	77.19 1.83 -31.12	57.71 2.15 -13.79	63.17 2.22 -22.55	96.54 2.26 -57.96	62.23 2.03 -25.82	55.07 1.73 -20.78	62.23 1.51 -27.52	73.54 1.90 -39.11	74.89 1.75 -40.56	126.16 2.74 -45.32	78.36 1.88 -25.10	83.24 2.16 -22.93	58.34 1.59 -10.78	57.69 1.37 -11.52	61.49 1.05 -21.43	47.31 0.67 -0.01
BARRETT_IC_2 23705	79.92 1.30 -35.37	79.92 1.06 -38.17	51.15 0.91 -5.50	47.70 0.64 -6.65	79.92 0.76 -41.26	79.92 0.82 -40.16	90.72 1.44 -38.23	55.40 1.36 -7.43	87.04 1.83 -40.97	60.22 2.15 -16.29	85.95 2.22 -45.33	116.82 2.26 -78.24	62.23 2.03 -25.82	55.07 1.73 -20.78	62.23 1.51 -27.52	73.54 1.90 -39.11	74.89 1.75 -40.56	138.09 2.74 -57.25	130.25 1.88 -76.99	111.95 2.16 -51.64	98.77 1.59 -51.21	80.60 1.37 -34.43	110.03 1.05 -69.97	47.35 0.67 -0.05
BARRETT_IC_3 23706	79.92 1.30 -35.37	79.92 1.06 -38.17	51.15 0.91 -5.50	47.70 0.64 -6.65	79.92 0.76 -41.26	79.92 0.82 -40.16	90.72 1.44 -38.23	55.40 1.36 -7.43	87.04 1.83 -40.97	60.22 2.15 -16.29	85.95 2.22 -45.33	116.82 2.26 -78.24	62.23 2.03 -25.82	55.07 1.73 -20.78	62.23 1.51 -27.52	73.54 1.90 -39.11	74.89 1.75 -40.56	138.09 2.74 -57.25	130.25 1.88 -76.99	111.95 2.16 -51.64	98.77 1.59 -51.21	80.60 1.37 -34.43	110.03 1.05 -69.97	47.35 0.67 -0.05
BARRETT_IC_4 23707	79.92 1.30 -35.37	79.92 1.06 -38.17	51.15 0.91 -5.50	47.70 0.64 -6.65	79.92 0.76 -41.26	79.92 0.82 -40.16	90.72 1.44 -38.23	55.40 1.36 -7.43	87.04 1.83 -40.97	60.22 2.15 -16.29	85.95 2.22 -45.33	116.82 2.26 -78.24	62.23 2.03 -25.82	55.07 1.73 -20.78	62.23 1.51 -27.52	73.54 1.90 -39.11	74.89 1.75 -40.56	138.09 2.74 -57.25	130.25 1.88 -76.99	111.95 2.16 -51.64	98.77 1.59 -51.21	80.60 1.37 -34.43	110.03 1.05 -69.97	47.35 0.67 -0.05

BARRETT_IC_5 23708	79.92 1.30 -35.37	79.92 1.06 -38.17	51.15 0.91 -5.50	47.70 0.64 -6.65	79.92 0.76 -41.26	79.92 0.82 -40.16	90.72 1.44 -38.23	55.40 1.36 -7.43	87.04 1.83 -40.97	60.22 2.15 -16.29	85.95 2.22 -45.33	116.82 2.26 -78.24	62.23 2.03 -25.82	55.07 1.73 -20.78	62.23 1.51 -27.52	73.54 1.90 -39.11	74.89 1.75 -40.56	138.09 2.74 -57.25	130.25 1.88 -76.99	111.95 2.16 -51.64	98.77 1.59 -51.21	80.60 1.37 -34.43	110.03 1.05 -69.97	47.35 0.67 -0.05
BARRETT_IC_6 23709	79.92 1.30 -35.37	79.92 1.06 -38.17	51.15 0.91 -5.50	47.70 0.64 -6.65	79.92 0.76 -41.26	79.92 0.82 -40.16	90.72 1.44 -38.23	55.40 1.36 -7.43	87.04 1.83 -40.97	60.22 2.15 -16.29	85.95 2.22 -45.33	116.82 2.26 -78.24	62.23 2.03 -25.82	55.07 1.73 -20.78	62.23 1.51 -27.52	73.54 1.90 -39.11	74.89 1.75 -40.56	138.09 2.74 -57.25	130.25 1.88 -76.99	111.95 2.16 -51.64	98.77 1.59 -51.21	80.60 1.37 -34.43	110.03 1.05 -69.97	47.35 0.67 -0.05
BARRETT_IC_7 23710	79.95 1.33 -35.37	79.97 1.11 -38.17	51.32 1.09 -5.50	47.82 0.76 -6.65	79.91 0.76 -41.26	79.91 0.81 -40.16	90.79 1.51 -38.23	55.40 1.35 -7.43	87.03 1.82 -40.97	60.23 2.17 -16.29	85.96 2.23 -45.33	116.82 2.27 -78.24	62.25 2.05 -25.82	55.09 1.74 -20.78	62.23 1.51 -27.52	73.54 1.90 -39.11	74.91 1.77 -40.56	138.04 2.69 -57.25	130.25 1.88 -76.99	111.98 2.18 -51.64	98.77 1.59 -51.21	80.61 1.39 -34.43	110.03 1.05 -69.97	47.35 0.67 -0.05
BARRETT_IC_8 23711	79.92 1.30 -35.37	79.92 1.06 -38.17	51.15 0.91 -5.50	47.70 0.64 -6.65	79.92 0.76 -41.26	79.92 0.82 -40.16	90.72 1.44 -38.23	55.40 1.36 -7.43	87.04 1.83 -40.97	60.22 2.15 -16.29	85.95 2.22 -45.33	116.82 2.26 -78.24	62.23 2.03 -25.82	55.07 1.73 -20.78	62.23 1.51 -27.52	73.54 1.90 -39.11	74.89 1.75 -40.56	138.09 2.74 -57.25	130.25 1.88 -76.99	111.95 2.16 -51.64	98.77 1.59 -51.21	80.60 1.37 -34.43	110.03 1.05 -69.97	47.35 0.67 -0.05
BARRETT_IC_9 23700	79.92 1.30 -35.37	79.92 1.06 -38.17	51.15 0.91 -5.50	47.70 0.64 -6.65	79.92 0.76 -41.26	79.92 0.82 -40.16	81.28 1.44 -28.79	49.97 1.36 -2.00	77.19 1.83 -31.12	57.71 2.15 -13.79	63.17 2.22 -22.55	96.54 2.26 -57.96	62.23 2.03 -25.82	55.07 1.73 -20.78	62.23 1.51 -27.52	73.54 1.90 -39.11	74.89 1.75 -40.56	126.16 2.74 -45.32	78.36 1.88 -25.10	83.24 2.16 -22.93	58.34 1.59 -10.78	57.69 1.37 -11.52	61.49 1.05 -21.43	47.31 0.67 -0.01
BARRETT___1 23545	79.92 1.30 -35.37	79.92 1.06 -38.17	51.15 0.91 -5.50	47.70 0.64 -6.65	79.92 0.76 -41.26	79.92 0.82 -40.16	90.72 1.44 -38.23	55.40 1.36 -7.43	87.04 1.83 -40.97	60.22 2.15 -16.29	85.95 2.22 -45.33	116.82 2.26 -78.24	62.23 2.03 -25.82	55.07 1.73 -20.78	62.23 1.51 -27.52	73.54 1.90 -39.11	74.89 1.75 -40.56	138.09 2.74 -57.25	130.25 1.88 -76.99	111.95 2.16 -51.64	98.77 1.59 -51.21	80.60 1.37 -34.43	110.03 1.05 -69.97	47.35 0.67 -0.05
BARRETT___2 23546	79.92 1.30 -35.37	79.92 1.06 -38.17	51.15 0.91 -5.50	47.70 0.64 -6.65	79.92 0.76 -41.26	79.92 0.82 -40.16	81.28 1.44 -28.79	49.97 1.36 -2.00	77.19 1.83 -31.12	57.71 2.15 -13.79	63.17 2.22 -22.55	96.54 2.26 -57.96	62.23 2.03 -25.82	55.07 1.73 -20.78	62.23 1.51 -27.52	73.54 1.90 -39.11	74.89 1.75 -40.56	126.16 2.74 -45.32	78.36 1.88 -25.10	83.24 2.16 -22.93	58.34 1.59 -10.78	57.69 1.37 -11.52	61.49 1.05 -21.43	47.31 0.67 -0.01
BATAVIA__115KV_TB1 55881	44.03 0.78 0.00	41.75 1.06 0.00	46.25 1.51 0.00	41.61 1.21 0.00	39.02 1.12 0.00	40.65 1.72 0.00	52.69 1.64 0.00	47.85 1.24 0.00	44.58 0.34 0.00	41.81 0.04 0.00	38.20 -0.20 0.00	36.26 -0.06 0.00	34.37 -0.02 0.00	32.80 0.24 0.00	33.72 0.52 0.00	32.51 -0.02 0.00	32.36 -0.22 0.00	79.24 1.14 0.00	51.80 0.42 0.00	58.88 0.73 0.00	46.42 0.45 0.00	45.41 0.61 0.00	39.49 0.48 0.00	47.23 0.60 0.00
BAYONEEC___CTG1 323682	44.29 1.04 0.00	41.45 0.76 0.00	45.45 0.72 0.00	41.00 0.59 0.00	38.54 0.65 0.00	39.61 0.68 0.00	52.32 1.27 0.00	47.99 1.37 0.00	46.15 1.91 0.00	43.97 2.20 0.00	40.83 2.43 0.00	38.61 2.29 0.00	36.41 2.02 0.00	34.35 1.78 0.00	34.87 1.67 0.00	34.37 1.84 0.00	34.43 1.85 0.00	81.60 3.50 0.00	53.59 2.21 0.00	60.60 2.45 0.00	47.90 1.93 0.00	46.31 1.51 0.00	40.15 1.14 0.00	47.44 0.81 0.00
BAYONEEC___CTG10 323750	44.29 1.04 0.00	41.45 0.76 0.00	45.45 0.72 0.00	41.00 0.59 0.00	38.54 0.65 0.00	39.61 0.68 0.00	52.32 1.27 0.00	47.99 1.37 0.00	46.15 1.91 0.00	43.97 2.20 0.00	40.83 2.43 0.00	38.61 2.29 0.00	36.41 2.02 0.00	34.35 1.78 0.00	34.87 1.67 0.00	34.37 1.84 0.00	34.43 1.85 0.00	81.60 3.50 0.00	53.59 2.21 0.00	60.60 2.45 0.00	47.90 1.93 0.00	46.31 1.51 0.00	40.15 1.14 0.00	47.44 0.81 0.00
BAYONEEC___CTG2 323683	44.29 1.04 0.00	41.45 0.76 0.00	45.45 0.72 0.00	41.00 0.59 0.00	38.54 0.65 0.00	39.61 0.68 0.00	52.32 1.27 0.00	47.99 1.37 0.00	46.15 1.91 0.00	43.97 2.20 0.00	40.83 2.43 0.00	38.61 2.29 0.00	36.41 2.02 0.00	34.35 1.78 0.00	34.87 1.67 0.00	34.37 1.84 0.00	34.43 1.85 0.00	81.60 3.50 0.00	53.59 2.21 0.00	60.60 2.45 0.00	47.90 1.93 0.00	46.31 1.51 0.00	40.15 1.14 0.00	47.44 0.81 0.00
BAYONEEC___CTG3 323684	44.29 1.04 0.00	41.45 0.76 0.00	45.45 0.72 0.00	41.00 0.59 0.00	38.54 0.65 0.00	39.61 0.68 0.00	52.32 1.27 0.00	47.99 1.37 0.00	46.15 1.91 0.00	43.97 2.20 0.00	40.83 2.43 0.00	38.61 2.29 0.00	36.41 2.02 0.00	34.35 1.78 0.00	34.87 1.67 0.00	34.37 1.84 0.00	34.43 1.85 0.00	81.60 3.50 0.00	53.59 2.21 0.00	60.60 2.45 0.00	47.90 1.93 0.00	46.31 1.51 0.00	40.15 1.14 0.00	47.44 0.81 0.00
BAYONEEC___CTG4 323685	44.29 1.04 0.00	41.45 0.76 0.00	45.45 0.72 0.00	41.00 0.59 0.00	38.54 0.65 0.00	39.61 0.68 0.00	52.32 1.27 0.00	47.99 1.37 0.00	46.15 1.91 0.00	43.97 2.20 0.00	40.83 2.43 0.00	38.61 2.29 0.00	36.41 2.02 0.00	34.35 1.78 0.00	34.87 1.67 0.00	34.37 1.84 0.00	34.43 1.85 0.00	81.60 3.50 0.00	53.59 2.21 0.00	60.60 2.45 0.00	47.90 1.93 0.00	46.31 1.51 0.00	40.15 1.14 0.00	47.44 0.81 0.00
BAYONEEC___CTG5 323686	44.29 1.04 0.00	41.45 0.76 0.00	45.45 0.72 0.00	41.00 0.59 0.00	38.54 0.65 0.00	39.61 0.68 0.00	52.32 1.27 0.00	47.99 1.37 0.00	46.15 1.91 0.00	43.97 2.20 0.00	40.83 2.43 0.00	38.61 2.29 0.00	36.41 2.02 0.00	34.35 1.78 0.00	34.87 1.67 0.00	34.37 1.84 0.00	34.43 1.85 0.00	81.60 3.50 0.00	53.59 2.21 0.00	60.60 2.45 0.00	47.90 1.93 0.00	46.31 1.51 0.00	40.15 1.14 0.00	47.44 0.81 0.00
BAYONEEC___CTG6 323687	44.29 1.04 0.00	41.45 0.76 0.00	45.45 0.72 0.00	41.00 0.59 0.00	38.54 0.65 0.00	39.61 0.68 0.00	52.32 1.27 0.00	47.99 1.37 0.00	46.15 1.91 0.00	43.97 2.20 0.00	40.83 2.43 0.00	38.61 2.29 0.00	36.41 2.02 0.00	34.35 1.78 0.00	34.87 1.67 0.00	34.37 1.84 0.00	34.43 1.85 0.00	81.60 3.50 0.00	53.59 2.21 0.00	60.60 2.45 0.00	47.90 1.93 0.00	46.31 1.51 0.00	40.15 1.14 0.00	47.44 0.81 0.00

BAYONEEC___CTG7 323688	44.29 1.04 0.00	41.45 0.76 0.00	45.45 0.72 0.00	41.00 0.59 0.00	38.54 0.65 0.00	39.61 0.68 0.00	52.32 1.27 0.00	47.99 1.37 0.00	46.15 1.91 0.00	43.97 2.20 0.00	40.83 2.43 0.00	38.61 2.29 0.00	36.41 2.02 0.00	34.35 1.78 0.00	34.87 1.67 0.00	34.37 1.84 0.00	34.43 1.85 0.00	81.60 3.50 0.00	53.59 2.21 0.00	60.60 2.45 0.00	47.90 1.93 0.00	46.31 1.51 0.00	40.15 1.14 0.00	47.44 0.81 0.00
BAYONEEC___CTG8 323689	44.29 1.04 0.00	41.45 0.76 0.00	45.45 0.72 0.00	41.00 0.59 0.00	38.54 0.65 0.00	39.61 0.68 0.00	52.32 1.27 0.00	47.99 1.37 0.00	46.15 1.91 0.00	43.97 2.20 0.00	40.83 2.43 0.00	38.61 2.29 0.00	36.41 2.02 0.00	34.35 1.78 0.00	34.87 1.67 0.00	34.37 1.84 0.00	34.43 1.85 0.00	81.60 3.50 0.00	53.59 2.21 0.00	60.60 2.45 0.00	47.90 1.93 0.00	46.31 1.51 0.00	40.15 1.14 0.00	47.44 0.81 0.00
BAYONEEC___CTG9 323749	44.29 1.04 0.00	41.45 0.76 0.00	45.45 0.72 0.00	41.00 0.59 0.00	38.54 0.65 0.00	39.61 0.68 0.00	52.32 1.27 0.00	47.99 1.37 0.00	46.15 1.91 0.00	43.97 2.20 0.00	40.83 2.43 0.00	38.61 2.29 0.00	36.41 2.02 0.00	34.35 1.78 0.00	34.87 1.67 0.00	34.37 1.84 0.00	34.43 1.85 0.00	81.60 3.50 0.00	53.59 2.21 0.00	60.60 2.45 0.00	47.90 1.93 0.00	46.31 1.51 0.00	40.15 1.14 0.00	47.44 0.81 0.00
BEACON___LESR 323632	43.28 0.03 0.00	40.51 -0.17 0.00	44.49 -0.25 0.00	40.19 -0.21 0.00	37.82 -0.08 0.00	38.82 -0.12 0.00	51.38 0.33 0.00	46.87 0.26 0.00	44.62 0.37 0.00	42.18 0.41 0.00	38.83 0.44 0.00	36.65 0.33 0.00	34.67 0.28 0.00	32.73 0.17 0.00	33.39 0.19 0.00	32.86 0.34 0.00	33.06 0.47 0.00	78.74 0.64 0.00	52.03 0.64 0.00	58.67 0.52 0.00	46.42 0.45 0.00	44.91 0.11 0.00	39.04 0.03 0.00	46.64 0.02 0.00
BEAVER RIVER___HYD 24048	42.89 -0.36 0.00	40.34 -0.35 0.00	43.92 -0.82 0.00	39.77 -0.64 0.00	37.29 -0.61 0.00	38.45 -0.49 0.00	50.68 -0.37 0.00	46.23 -0.39 0.00	43.08 -1.16 0.00	39.93 -1.84 0.00	36.80 -1.60 0.00	34.95 -1.38 0.00	32.89 -1.50 0.00	31.22 -1.34 0.00	31.85 -1.35 0.00	31.25 -1.28 0.00	31.36 -1.22 0.00	75.66 -2.45 0.00	51.18 -0.20 0.00	58.67 0.52 0.00	46.57 0.60 0.00	45.28 0.48 0.00	39.27 0.26 0.00	46.75 0.13 0.00
BEEBEE_GT_13 23619	43.31 0.06 0.00	40.94 0.25 0.00	45.25 0.51 0.00	40.75 0.34 0.00	38.21 0.31 0.00	39.58 0.64 0.00	51.71 0.65 0.00	47.33 0.71 0.00	44.48 0.24 0.00	41.80 0.03 0.00	38.25 -0.14 0.00	36.15 -0.17 0.00	34.25 -0.14 0.00	32.61 0.04 0.00	33.34 0.13 0.00	32.47 -0.05 0.00	32.40 -0.18 0.00	78.66 0.56 0.00	51.44 0.06 0.00	58.29 0.13 0.00	45.95 -0.02 0.00	44.83 0.03 0.00	39.00 -0.01 0.00	46.61 -0.01 0.00
BENSHRST_27_KV_BENSHRST_1 355998	54.89 1.77 -9.86	54.23 1.44 -12.11	53.64 1.42 -7.48	53.49 1.26 -11.82	53.50 1.27 -14.33	54.18 1.31 -13.93	58.90 2.09 -5.76	55.82 2.25 -6.96	57.31 2.71 -10.36	56.92 2.97 -12.17	61.92 3.11 -20.41	60.68 2.94 -21.43	56.97 2.64 -19.94	56.68 2.35 -21.77	57.18 2.26 -21.72	57.63 2.42 -22.68	58.08 2.43 -23.07	93.57 4.87 -10.59	64.60 3.14 -10.07	89.71 3.53 -28.03	83.76 2.78 -35.01	64.74 2.33 -17.61	56.60 1.84 -15.75	58.95 1.60 -10.73
BETHLEHEM___GRP 23843	42.60 -0.65 0.00	39.94 -0.75 0.00	43.84 -0.89 0.00	39.65 -0.75 0.00	37.36 -0.54 0.00	38.26 -0.68 0.00	50.47 -0.58 0.00	46.09 -0.52 0.00	43.93 -0.32 0.00	41.57 -0.20 0.00	38.20 -0.20 0.00	36.14 -0.18 0.00	34.27 -0.11 0.00	32.38 -0.18 0.00	32.96 -0.23 0.00	32.45 -0.08 0.00	32.59 0.01 0.00	77.27 -0.84 0.00	51.07 -0.32 0.00	57.58 -0.57 0.00	45.58 -0.38 0.00	44.17 -0.63 0.00	38.38 -0.63 0.00	45.88 -0.75 0.00
BETHLEHEM___GS1 323560	42.60 -0.65 0.00	39.94 -0.75 0.00	43.84 -0.89 0.00	39.66 -0.75 0.00	37.35 -0.55 0.00	38.25 -0.69 0.00	50.47 -0.58 0.00	46.09 -0.52 0.00	43.92 -0.32 0.00	41.57 -0.21 0.00	38.20 -0.20 0.00	36.15 -0.17 0.00	34.28 -0.11 0.00	32.39 -0.18 0.00	32.97 -0.23 0.00	32.45 -0.07 0.00	32.60 0.02 0.00	77.26 -0.84 0.00	51.07 -0.31 0.00	57.58 -0.57 0.00	45.58 -0.39 0.00	44.17 -0.63 0.00	38.38 -0.63 0.00	45.88 -0.75 0.00
BETHLEHEM___GS2 323561	42.60 -0.65 0.00	39.94 -0.75 0.00	43.84 -0.89 0.00	39.66 -0.75 0.00	37.35 -0.55 0.00	38.25 -0.69 0.00	50.47 -0.58 0.00	46.09 -0.52 0.00	43.92 -0.32 0.00	41.57 -0.21 0.00	38.20 -0.20 0.00	36.15 -0.17 0.00	34.28 -0.11 0.00	32.39 -0.18 0.00	32.97 -0.23 0.00	32.45 -0.07 0.00	32.60 0.02 0.00	77.26 -0.84 0.00	51.07 -0.31 0.00	57.58 -0.57 0.00	45.58 -0.39 0.00	44.17 -0.63 0.00	38.38 -0.63 0.00	45.88 -0.75 0.00
BETHLEHEM___GS3 323562	42.60 -0.65 0.00	39.94 -0.75 0.00	43.84 -0.89 0.00	39.66 -0.75 0.00	37.35 -0.55 0.00	38.25 -0.69 0.00	50.47 -0.58 0.00	46.09 -0.52 0.00	43.92 -0.32 0.00	41.57 -0.21 0.00	38.20 -0.20 0.00	36.15 -0.17 0.00	34.28 -0.11 0.00	32.39 -0.18 0.00	32.97 -0.23 0.00	32.45 -0.07 0.00	32.60 0.02 0.00	77.26 -0.84 0.00	51.07 -0.31 0.00	57.58 -0.57 0.00	45.58 -0.39 0.00	44.17 -0.63 0.00	38.38 -0.63 0.00	45.88 -0.75 0.00
BETHLEHEM___STEEL 23779	43.48 0.23 0.00	41.29 0.60 0.00	45.80 1.07 0.00	41.15 0.75 0.00	38.55 0.65 0.00	40.12 1.19 0.00	52.02 0.97 0.00	47.60 0.98 0.00	44.66 0.41 0.00	42.16 0.39 0.00	38.67 0.27 0.00	36.58 0.26 0.00	34.71 0.32 0.00	33.13 0.57 0.00	33.99 0.79 0.00	32.95 0.42 0.00	32.71 0.13 0.00	79.37 1.27 0.00	51.52 0.13 0.00	58.27 0.12 0.00	45.82 -0.15 0.00	44.80 0.01 0.00	38.98 -0.03 0.00	46.56 -0.07 0.00
BETHLHEM_115KV_TB1 79974	42.75 -0.50 0.00	40.09 -0.60 0.00	44.02 -0.71 0.00	39.82 -0.59 0.00	37.49 -0.40 0.00	38.39 -0.55 0.00	50.66 -0.40 0.00	46.25 -0.36 0.00	44.09 -0.16 0.00	41.74 -0.04 0.00	38.35 -0.05 0.00	36.28 -0.04 0.00	34.39 0.01 0.00	32.50 -0.06 0.00	33.08 -0.12 0.00	32.55 0.03 0.00	32.70 0.11 0.00	77.57 -0.54 0.00	51.25 -0.13 0.00	57.81 -0.34 0.00	45.76 -0.21 0.00	44.33 -0.47 0.00	38.53 -0.48 0.00	46.02 -0.60 0.00
BETHPAGE_CC_5 323564	49.79 1.71 -4.83	46.52 1.46 -4.37	46.55 1.33 -0.49	41.65 0.98 -0.26	40.51 1.00 -1.61	41.61 1.10 -1.57	57.61 2.02 -4.53	48.64 1.80 -0.22	54.16 2.34 -7.57	51.52 2.66 -7.08	50.25 2.61 -9.25	52.51 2.72 -13.47	38.15 2.35 -1.41	35.44 2.01 -0.86	36.02 1.75 -1.07	37.04 2.20 -2.31	36.71 2.03 -2.09	83.60 3.42 -2.09	62.18 2.24 -8.55	68.01 2.71 -7.15	54.85 2.04 -6.84	51.40 1.81 -4.79	47.20 1.33 -6.86	47.64 1.02 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	43.56 0.31 0.00	41.34 0.65 0.00	45.86 1.13 0.00	41.21 0.81 0.00	38.60 0.70 0.00	40.18 1.24 0.00	52.11 1.06 0.00	47.71 1.09 0.00	44.77 0.52 0.00	42.26 0.48 0.00	38.76 0.36 0.00	36.68 0.35 0.00	34.78 0.39 0.00	33.20 0.64 0.00	34.06 0.86 0.00	33.02 0.50 0.00	32.80 0.22 0.00	79.56 1.46 0.00	51.64 0.26 0.00	58.41 0.26 0.00	45.92 -0.05 0.00	44.91 0.11 0.00	39.05 0.04 0.00	46.62 -0.01 0.00

BINGHAMTON___COGEN 23790	43.26 0.01 0.00	40.70 0.02 0.00	44.93 0.19 0.00	40.49 0.08 0.00	37.99 0.09 0.00	39.06 0.13 0.00	51.23 0.18 0.00	46.98 0.36 0.00	45.06 0.82 0.00	42.33 0.56 0.00	38.77 0.37 0.00	36.60 0.28 0.00	34.63 0.25 0.00	32.83 0.26 0.00	33.61 0.41 0.00	32.88 0.35 0.00	32.94 0.36 0.00	79.26 1.15 0.00	51.98 0.59 0.00	58.83 0.67 0.00	46.39 0.42 0.00	45.07 0.27 0.00	39.13 0.12 0.00	46.55 -0.08 0.00
BIXINCNT_115KV_LOAD 355685	43.77 0.52 0.00	41.57 0.88 0.00	46.13 1.40 0.00	41.54 1.13 0.00	38.94 1.04 0.00	40.48 1.54 0.00	52.54 1.49 0.00	48.25 1.64 0.00	45.44 1.20 0.00	42.89 1.11 0.00	39.30 0.90 0.00	37.14 0.82 0.00	35.25 0.86 0.00	33.66 1.10 0.00	34.59 1.39 0.00	33.54 1.01 0.00	33.34 0.76 0.00	80.70 2.60 0.00	52.15 0.77 0.00	58.94 0.79 0.00	46.32 0.35 0.00	45.21 0.41 0.00	39.25 0.24 0.00	46.41 -0.21 0.00
BLACK RIVER___HYD 24047	42.97 -0.28 0.00	40.35 -0.33 0.00	43.92 -0.82 0.00	39.80 -0.61 0.00	37.34 -0.55 0.00	38.48 -0.45 0.00	50.85 -0.20 0.00	46.40 -0.21 0.00	42.93 -1.32 0.00	39.51 -2.27 0.00	36.42 -1.97 0.00	34.63 -1.69 0.00	32.60 -1.79 0.00	30.94 -1.63 0.00	31.55 -1.65 0.00	30.98 -1.54 0.00	31.12 -1.47 0.00	74.78 -3.33 0.00	51.24 -0.14 0.00	59.12 0.96 0.00	47.00 1.04 0.00	45.65 0.85 0.00	39.52 0.50 0.00	46.98 0.36 0.00
BLACKRVR_115KV_TB2 79977	42.97 -0.28 0.00	40.35 -0.33 0.00	43.92 -0.82 0.00	39.80 -0.61 0.00	37.34 -0.55 0.00	38.48 -0.45 0.00	50.85 -0.20 0.00	46.40 -0.21 0.00	42.93 -1.32 0.00	39.51 -2.27 0.00	36.42 -1.98 0.00	34.63 -1.69 0.00	32.60 -1.79 0.00	30.93 -1.63 0.00	31.55 -1.65 0.00	30.98 -1.54 0.00	31.12 -1.47 0.00	74.78 -3.32 0.00	51.24 -0.14 0.00	59.12 0.96 0.00	47.01 1.04 0.00	45.66 0.86 0.00	39.52 0.50 0.00	46.98 0.36 0.00
BLISS_WT_PWR 323608	43.73 0.48 0.00	41.55 0.86 0.00	46.12 1.38 0.00	41.56 1.15 0.00	38.96 1.07 0.00	40.51 1.57 0.00	52.56 1.50 0.00	48.30 1.68 0.00	45.49 1.25 0.00	42.93 1.16 0.00	39.35 0.95 0.00	37.18 0.86 0.00	35.29 0.90 0.00	33.68 1.12 0.00	34.62 1.42 0.00	33.57 1.04 0.00	33.36 0.78 0.00	80.73 2.63 0.00	52.11 0.73 0.00	58.88 0.72 0.00	46.27 0.30 0.00	45.17 0.37 0.00	39.22 0.21 0.00	46.28 -0.34 0.00
BLUESTONE___WT_PWR 323821	43.12 -0.13 0.00	40.07 -0.61 0.00	44.08 -0.65 0.00	40.44 0.03 0.00	38.34 0.44 0.00	39.18 0.24 0.00	51.16 0.10 0.00	47.55 0.93 0.00	45.55 1.31 0.00	42.51 0.73 0.00	38.75 0.35 0.00	36.62 0.29 0.00	34.44 0.05 0.00	32.33 -0.24 0.00	33.11 -0.09 0.00	32.64 0.11 0.00	32.98 0.40 0.00	80.85 2.75 0.00	53.00 1.61 0.00	61.07 2.92 0.00	48.65 2.69 0.00	47.13 2.33 0.00	40.93 1.91 0.00	48.48 1.86 0.00
BLUE_CIRC_CHEM_DRP 24182	43.34 0.09 0.00	40.67 -0.01 0.00	44.71 -0.02 0.00	40.43 0.02 0.00	38.05 0.15 0.00	38.98 0.04 0.00	51.38 0.33 0.00	46.86 0.24 0.00	44.60 0.36 0.00	42.10 0.33 0.00	38.56 0.16 0.00	36.44 0.12 0.00	34.51 0.12 0.00	32.63 0.06 0.00	33.20 0.00 0.00	32.67 0.14 0.00	32.81 0.23 0.00	78.35 0.24 0.00	51.86 0.47 0.00	58.58 0.43 0.00	46.36 0.39 0.00	44.92 0.13 0.00	39.05 0.04 0.00	46.62 -0.01 0.00
BOC_GAS_DRP 24189	43.17 -0.08 0.00	40.49 -0.20 0.00	44.53 -0.21 0.00	40.25 -0.15 0.00	37.85 -0.04 0.00	38.76 -0.18 0.00	51.09 0.04 0.00	46.65 0.03 0.00	44.49 0.25 0.00	42.14 0.36 0.00	38.80 0.41 0.00	36.70 0.38 0.00	34.76 0.37 0.00	32.84 0.27 0.00	33.42 0.22 0.00	32.86 0.33 0.00	32.97 0.39 0.00	78.41 0.30 0.00	51.73 0.35 0.00	58.40 0.24 0.00	46.22 0.24 0.00	44.79 -0.01 0.00	38.93 -0.08 0.00	46.43 -0.20 0.00
BOONVILLE_115KV_TB1 79983	43.66 0.41 0.00	41.01 0.32 0.00	44.88 0.14 0.00	40.58 0.18 0.00	38.07 0.17 0.00	39.21 0.27 0.00	51.69 0.64 0.00	47.19 0.57 0.00	44.45 0.21 0.00	41.53 -0.24 0.00	38.13 -0.26 0.00	36.11 -0.21 0.00	34.08 -0.31 0.00	32.34 -0.22 0.00	32.99 -0.21 0.00	32.36 -0.17 0.00	32.49 -0.09 0.00	78.46 0.35 0.00	52.36 0.98 0.00	59.48 1.33 0.00	47.11 1.14 0.00	45.78 0.98 0.00	39.73 0.72 0.00	47.34 0.71 0.00
BORALEX_4TH_BRANCH 23824	43.58 0.33 0.00	40.79 0.10 0.00	44.59 -0.14 0.00	40.39 -0.02 0.00	38.03 0.13 0.00	39.15 0.22 0.00	51.80 0.74 0.00	47.10 0.48 0.00	44.84 0.59 0.00	42.27 0.49 0.00	38.78 0.38 0.00	36.64 0.32 0.00	34.61 0.23 0.00	32.59 0.02 0.00	33.25 0.05 0.00	32.78 0.25 0.00	33.04 0.46 0.00	78.34 0.24 0.00	51.98 0.59 0.00	58.48 0.33 0.00	46.31 0.34 0.00	44.95 0.15 0.00	39.10 0.09 0.00	46.85 0.22 0.00
BOWLINE___1 23526	43.94 0.69 0.00	41.12 0.44 0.00	45.17 0.44 0.00	40.74 0.34 0.00	38.26 0.36 0.00	39.32 0.38 0.00	51.92 0.87 0.00	47.53 0.91 0.00	45.60 1.36 0.00	43.40 1.62 0.00	40.21 1.82 0.00	37.98 1.66 0.00	35.80 1.41 0.00	33.77 1.20 0.00	34.28 1.08 0.00	33.82 1.29 0.00	33.93 1.35 0.00	80.62 2.52 0.00	53.05 1.67 0.00	60.03 1.88 0.00	47.44 1.47 0.00	45.90 1.10 0.00	39.82 0.81 0.00	47.11 0.48 0.00
BOWLINE___2 23595	43.94 0.70 0.00	41.12 0.44 0.00	45.17 0.44 0.00	40.74 0.34 0.00	38.26 0.36 0.00	39.30 0.37 0.00	51.90 0.85 0.00	47.51 0.90 0.00	45.58 1.34 0.00	43.39 1.62 0.00	40.20 1.81 0.00	37.97 1.65 0.00	35.80 1.41 0.00	33.76 1.19 0.00	34.29 1.09 0.00	33.82 1.29 0.00	33.93 1.35 0.00	80.62 2.52 0.00	53.05 1.67 0.00	60.03 1.88 0.00	47.44 1.47 0.00	45.90 1.10 0.00	39.82 0.81 0.00	47.11 0.48 0.00
BRADY___115KV_TB2 356060	44.62 1.37 0.00	42.12 1.43 0.00	46.14 1.40 0.00	41.71 1.30 0.00	39.09 1.20 0.00	40.41 1.47 0.00	52.97 1.92 0.00	48.22 1.61 0.00	45.12 0.88 0.00	42.22 0.45 0.00	38.75 0.35 0.00	36.67 0.35 0.00	34.70 0.31 0.00	32.86 0.30 0.00	33.53 0.33 0.00	32.71 0.19 0.00	32.69 0.10 0.00	78.97 0.86 0.00	52.03 0.64 0.00	59.55 1.40 0.00	47.08 1.12 0.00	46.07 1.27 0.00	40.29 1.28 0.00	48.18 1.56 0.00
BRANSCOMB___SOLAR 323811	44.34 1.09 0.00	41.51 0.83 0.00	45.45 0.72 0.00	41.11 0.70 0.00	38.69 0.80 0.00	39.86 0.92 0.00	52.79 1.73 0.00	48.04 1.42 0.00	45.62 1.38 0.00	42.78 1.01 0.00	39.14 0.75 0.00	36.89 0.57 0.00	34.90 0.51 0.00	32.88 0.32 0.00	33.49 0.29 0.00	33.04 0.51 0.00	33.29 0.71 0.00	79.56 1.46 0.00	52.93 1.55 0.00	59.76 1.61 0.00	47.26 1.29 0.00	45.87 1.07 0.00	39.89 0.88 0.00	47.56 0.94 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	46.67 1.67 -1.75	43.23 1.42 -1.12	46.16 1.39 -0.04	41.11 0.98 0.26	37.11 0.86 1.65	38.30 0.97 1.60	54.44 2.01 -1.39	48.01 1.68 0.29	50.45 2.24 -3.97	49.74 2.67 -5.30	46.36 2.61 -5.35	45.81 2.80 -6.70	36.08 2.36 0.66	33.73 1.95 0.78	33.66 1.56 1.10	33.82 2.13 0.84	33.32 1.89 1.15	78.64 2.81 2.27	55.93 1.90 -2.64	63.32 2.35 -2.82	50.25 1.78 -2.51	48.31 1.62 -1.90	41.35 1.13 -1.21	47.44 0.82 0.00

BRISTLHL_115KV_TB1 79998	42.58 -0.67 0.00	40.05 -0.64 0.00	44.07 -0.66 0.00	39.80 -0.61 0.00	37.33 -0.57 0.00	38.34 -0.60 0.00	50.25 -0.80 0.00	45.94 -0.67 0.00	43.48 -0.77 0.00	40.94 -0.83 0.00	37.50 -0.90 0.00	35.46 -0.86 0.00	33.59 -0.79 0.00	31.84 -0.72 0.00	32.45 -0.75 0.00	31.79 -0.73 0.00	31.87 -0.71 0.00	76.69 -1.41 0.00	50.58 -0.81 0.00	57.29 -0.87 0.00	45.28 -0.69 0.00	44.05 -0.75 0.00	38.31 -0.70 0.00	45.89 -0.73 0.00
BROOKHAVEN___DRP 24191	45.76 1.20 -1.32	42.31 0.96 -0.66	45.56 0.86 0.02	40.48 0.42 0.34	35.94 0.15 2.11	37.11 0.22 2.05	53.14 1.15 -0.94	47.21 0.96 0.36	49.26 1.55 -3.47	48.99 2.17 -5.05	45.37 2.17 -4.81	44.59 2.52 -5.74	35.48 2.05 0.96	33.08 1.53 1.01	32.75 0.95 1.41	32.85 1.61 1.28	32.27 1.29 1.61	76.22 1.00 2.88	53.99 0.81 -1.80	61.53 1.17 -2.21	48.79 0.93 -1.89	47.13 0.84 -1.49	39.89 0.47 -0.41	46.67 0.05 0.00
BROOKLYN_NAVY_YARD 23515	44.28 1.04 0.00	41.46 0.78 0.00	45.46 0.72 0.00	41.03 0.62 0.00	38.55 0.66 0.00	39.65 0.71 0.00	52.29 1.24 0.00	48.00 1.38 0.00	46.18 1.94 0.00	44.02 2.24 0.00	40.80 2.41 0.00	38.61 2.29 0.00	36.42 2.03 0.00	34.37 1.81 0.00	34.88 1.68 0.00	34.38 1.86 0.00	34.42 1.84 0.00	81.58 3.47 0.00	53.67 2.19 -0.10	60.56 2.41 0.00	48.12 1.92 -0.23	46.29 1.49 0.00	40.14 1.13 0.00	47.36 0.74 0.00
BROOKLYN___ARMY_DRP 323595	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.00 1.13 -13.93	58.65 1.84 -5.76	55.57 2.00 -6.96	57.07 2.47 -10.36	56.67 2.72 -12.17	61.69 2.88 -20.41	60.47 2.72 -21.43	56.76 2.43 -19.94	56.49 2.16 -21.77	56.98 2.06 -21.72	57.43 2.22 -22.68	57.89 2.23 -23.07	93.10 4.40 -10.59	64.29 2.83 -10.07	89.35 3.16 -28.03	83.49 2.51 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
BROOKVLE_69_KV_TB1 55790	53.39 1.67 -8.46	50.09 1.38 -8.01	47.09 1.38 -0.97	42.23 1.09 -0.73	43.49 1.08 -4.51	44.48 1.15 -4.39	61.27 2.03 -8.19	49.20 1.89 -0.70	59.04 2.39 -12.40	54.81 2.66 -10.37	55.90 2.67 -14.83	61.34 2.66 -22.36	40.12 2.38 -3.35	36.96 2.05 -2.34	38.08 1.88 -3.01	40.08 2.23 -5.33	39.84 2.14 -5.11	88.01 3.90 -6.00	69.62 2.56 -15.68	73.58 2.96 -12.47	60.48 2.26 -12.25	55.13 1.96 -8.36	53.63 1.48 -13.14	47.83 1.21 -0.01
BROOME_2_LFGE 323671	43.26 0.01 0.00	40.70 0.01 0.00	44.92 0.19 0.00	40.49 0.08 0.00	37.99 0.09 0.00	39.06 0.13 0.00	51.23 0.18 0.00	46.98 0.36 0.00	45.07 0.82 0.00	42.33 0.56 0.00	38.77 0.37 0.00	36.60 0.28 0.00	34.63 0.25 0.00	32.83 0.26 0.00	33.61 0.41 0.00	32.88 0.35 0.00	32.94 0.36 0.00	79.25 1.15 0.00	51.97 0.59 0.00	58.82 0.67 0.00	46.39 0.42 0.00	45.07 0.27 0.00	39.13 0.12 0.00	46.55 -0.08 0.00
BROOME___LFGE 323600	43.26 0.01 0.00	40.70 0.01 0.00	44.92 0.19 0.00	40.49 0.08 0.00	37.99 0.09 0.00	39.06 0.13 0.00	51.23 0.18 0.00	46.98 0.36 0.00	45.07 0.82 0.00	42.33 0.56 0.00	38.77 0.37 0.00	36.60 0.28 0.00	34.63 0.25 0.00	32.83 0.26 0.00	33.61 0.41 0.00	32.88 0.35 0.00	32.94 0.36 0.00	79.25 1.15 0.00	51.97 0.59 0.00	58.82 0.67 0.00	46.39 0.42 0.00	45.07 0.27 0.00	39.13 0.12 0.00	46.55 -0.08 0.00
BROWNFLS_115KV_TB_3_5 80003	42.70 -0.55 0.00	40.23 -0.46 0.00	43.90 -0.84 0.00	39.72 -0.68 0.00	37.25 -0.65 0.00	38.45 -0.49 0.00	50.57 -0.48 0.00	46.07 -0.54 0.00	43.04 -1.21 0.00	40.04 -1.73 0.00	36.84 -1.56 0.00	34.93 -1.39 0.00	32.94 -1.45 0.00	31.22 -1.34 0.00	31.86 -1.35 0.00	31.18 -1.35 0.00	31.23 -1.35 0.00	75.49 -2.62 0.00	50.53 -0.85 0.00	57.84 -0.31 0.00	45.83 -0.14 0.00	44.69 -0.11 0.00	38.90 -0.11 0.00	46.43 -0.19 0.00
BROWNSV1_27_KV_LOAD 356125	44.72 1.47 0.00	41.83 1.14 0.00	45.86 1.13 0.00	41.36 0.96 0.00	38.88 0.99 0.00	39.97 1.04 0.00	52.82 1.77 0.00	48.49 1.88 0.00	46.63 2.38 0.00	44.42 2.65 0.00	41.24 2.84 0.00	39.01 2.69 0.00	36.78 2.40 0.00	34.69 2.13 0.00	35.23 2.03 0.00	34.72 2.20 0.00	34.78 2.20 0.00	82.47 4.37 0.00	54.15 2.77 0.00	61.24 3.08 0.00	48.40 2.43 0.00	46.80 2.00 0.00	40.56 1.55 0.00	47.90 1.27 0.00
BURROWS___LYONSDAL 23803	43.45 0.20 0.00	40.82 0.14 0.00	44.60 -0.14 0.00	40.34 -0.06 0.00	37.83 -0.07 0.00	38.98 0.04 0.00	51.38 0.33 0.00	46.91 0.29 0.00	44.07 -0.17 0.00	41.11 -0.66 0.00	37.80 -0.60 0.00	35.83 -0.49 0.00	33.78 -0.60 0.00	32.07 -0.50 0.00	32.73 -0.47 0.00	32.10 -0.43 0.00	32.23 -0.35 0.00	77.82 -0.28 0.00	52.10 0.72 0.00	59.31 1.16 0.00	46.99 1.03 0.00	45.66 0.86 0.00	39.62 0.61 0.00	47.19 0.56 0.00
CAITHNESS_CC_1 323624	45.75 1.19 -1.31	42.30 0.96 -0.65	45.47 0.76 0.03	40.43 0.36 0.34	36.00 0.22 2.12	37.17 0.29 2.06	53.16 1.18 -0.93	47.25 0.99 0.36	49.28 1.57 -3.46	48.99 2.18 -5.05	45.34 2.15 -4.79	44.53 2.48 -5.72	35.44 2.02 0.96	33.08 1.53 1.02	32.80 1.01 1.41	32.87 1.64 1.29	32.29 1.33 1.62	76.41 1.21 2.90	54.05 0.89 -1.78	61.57 1.22 -2.19	48.80 0.96 -1.88	47.16 0.88 -1.48	39.90 0.50 -0.39	46.71 0.09 0.00
CALPINE BETH_PAGE_GT4 24209	51.08 1.73 -6.10	47.88 1.49 -5.70	46.86 1.45 -0.68	41.96 1.08 -0.48	41.87 1.03 -2.94	42.92 1.12 -2.86	58.95 2.08 -5.82	48.88 1.84 -0.42	55.68 2.38 -9.06	52.29 2.68 -7.84	51.89 2.63 -10.86	55.31 2.73 -16.26	39.03 2.39 -2.25	36.13 2.04 -1.53	36.93 1.77 -1.96	38.35 2.22 -3.60	38.06 2.06 -3.42	85.40 3.45 -3.85	64.63 2.29 -10.96	69.88 2.80 -8.93	56.69 2.08 -8.63	52.63 1.85 -5.99	49.55 1.37 -9.17	47.69 1.06 -0.01
CALPINE_BETH_PAGE_GT_4 323586	51.08 1.74 -6.10	47.88 1.49 -5.70	46.77 1.36 -0.68	41.89 1.01 -0.48	41.87 1.04 -2.94	42.93 1.13 -2.86	58.92 2.05 -5.82	48.89 1.85 -0.42	55.68 2.38 -9.06	52.30 2.69 -7.84	51.89 2.63 -10.86	55.32 2.74 -16.26	39.02 2.38 -2.25	36.13 2.03 -1.53	36.93 1.77 -1.96	38.35 2.22 -3.60	38.06 2.06 -3.42	85.46 3.50 -3.85	64.64 2.30 -10.96	69.87 2.79 -8.93	56.70 2.10 -8.63	52.64 1.85 -5.99	49.55 1.37 -9.17	47.68 1.06 -0.01
CALPINE_BP_GT1 23823	51.08 1.74 -6.10	47.88 1.49 -5.70	46.77 1.36 -0.68	41.89 1.01 -0.48	41.87 1.04 -2.94	42.93 1.13 -2.86	58.92 2.05 -5.82	48.89 1.85 -0.42	55.68 2.38 -9.06	52.30 2.69 -7.84	51.89 2.63 -10.86	55.32 2.74 -16.26	39.02 2.38 -2.25	36.13 2.03 -1.53	36.93 1.77 -1.96	38.35 2.22 -3.60	38.06 2.06 -3.42	85.46 3.50 -3.85	64.64 2.30 -10.96	69.87 2.79 -8.93	56.70 2.10 -8.63	52.64 1.85 -5.99	49.55 1.37 -9.17	47.68 1.06 -0.01
CALSPAN___DRP 24200	43.48 0.23 0.00	41.29 0.60 0.00	45.80 1.07 0.00	41.15 0.75 0.00	38.55 0.65 0.00	40.12 1.19 0.97	52.02 0.90 0.00	47.60 0.98 0.00	44.66 0.41 0.00	42.16 0.39 0.00	38.67 0.27 0.00	36.58 0.26 0.00	34.71 0.32 0.00	33.13 0.57 0.00	33.99 0.79 0.00	32.95 0.42 0.00	32.71 0.13 0.00	79.37 1.27 0.00	51.52 0.13 0.00	58.27 0.12 0.00	45.82 -0.15 0.00	44.80 0.01 0.00	38.98 -0.03 0.00	46.56 -0.07 0.00

CALVERTON___SOLAR 323806	45.82 1.25 -1.32	42.35 1.00 -0.66	45.50 0.79 0.02	40.41 0.34 0.33	35.90 0.11 2.10	37.08 0.19 2.05	53.12 1.13 -0.94	47.24 0.99 0.36	49.30 1.59 -3.47	49.06 2.23 -5.05	45.41 2.20 -4.81	44.66 2.58 -5.75	35.49 2.06 0.96	33.05 1.50 1.01	32.70 0.90 1.40	32.84 1.59 1.28	32.23 1.26 1.60	76.18 0.95 2.88	53.96 0.77 -1.80	61.55 1.19 -2.21	48.84 0.98 -1.90	47.18 0.89 -1.49	39.92 0.50 -0.41	46.69 0.07 0.00
CANDIGU_WT_PWR 323617	42.36 -0.89 0.00	40.23 -0.45 0.00	44.88 0.15 0.00	40.48 0.07 0.00	37.96 0.07 0.00	39.32 0.38 0.00	51.29 0.24 0.00	46.97 0.36 0.00	44.19 -0.05 0.00	41.47 -0.31 0.00	37.96 -0.44 0.00	35.81 -0.51 0.00	33.87 -0.52 0.00	32.26 -0.30 0.00	33.19 -0.02 0.00	32.32 -0.21 0.00	32.34 -0.25 0.00	79.00 0.89 0.00	51.57 0.19 0.00	58.53 0.38 0.00	46.01 0.04 0.00	44.77 -0.03 0.00	38.84 -0.17 0.00	45.86 -0.76 0.00
CARR STREET_E_SYR 24060	42.95 -0.29 0.00	40.41 -0.28 0.00	44.54 -0.20 0.00	40.16 -0.24 0.00	37.67 -0.22 0.00	38.70 -0.24 0.00	50.76 -0.30 0.00	46.42 -0.19 0.00	43.97 -0.27 0.00	41.44 -0.34 0.00	37.99 -0.40 0.00	35.92 -0.40 0.00	34.03 -0.35 0.00	32.25 -0.31 0.00	32.91 -0.29 0.00	32.22 -0.31 0.00	32.30 -0.29 0.00	77.71 -0.40 0.00	51.15 -0.24 0.00	57.90 -0.26 0.00	45.75 -0.22 0.00	44.49 -0.31 0.00	38.69 -0.32 0.00	46.29 -0.33 0.00
CARTHAGE___PAPER 23857	43.26 0.01 0.00	40.67 -0.02 0.00	44.26 -0.48 0.00	40.08 -0.32 0.00	37.59 -0.30 0.00	38.78 -0.15 0.00	51.20 0.14 0.00	46.69 0.07 0.00	43.28 -0.96 0.00	39.94 -1.83 0.00	36.81 -1.59 0.00	34.94 -1.38 0.00	32.88 -1.50 0.00	31.22 -1.34 0.00	31.82 -1.38 0.00	31.22 -1.31 0.00	31.34 -1.24 0.00	75.58 -2.52 0.00	51.52 0.13 0.00	59.29 1.14 0.00	47.10 1.13 0.00	45.78 0.98 0.00	39.66 0.65 0.00	47.21 0.58 0.00
CASSADAGA_WT_PWR 323784	44.24 0.99 0.00	41.91 1.23 0.00	46.70 1.97 0.00	42.05 1.64 0.00	39.36 1.46 0.00	40.91 1.97 0.00	53.20 2.15 0.00	48.85 2.24 0.00	46.23 1.98 0.00	43.81 2.04 0.00	40.22 1.83 0.00	37.95 1.63 0.00	36.01 1.63 0.00	34.32 1.76 0.00	35.28 2.08 0.00	34.21 1.68 0.00	34.06 1.48 0.00	82.17 4.07 0.00	53.38 2.00 0.00	60.03 1.88 0.00	47.09 1.12 0.00	45.60 0.81 0.00	39.08 0.07 0.00	46.11 -0.51 0.00
CE_DUNWOOD___DRP 24194	44.22 0.97 0.00	41.38 0.69 0.00	45.41 0.68 0.00	40.97 0.56 0.00	38.50 0.60 0.00	39.54 0.61 0.00	52.29 1.24 0.00	47.90 1.29 0.00	45.98 1.74 0.00	43.76 1.99 0.00	40.55 2.16 0.00	38.35 2.03 0.00	36.15 1.76 0.00	34.08 1.52 0.00	34.62 1.42 0.00	34.14 1.61 0.00	34.21 1.63 0.00	81.21 3.11 0.00	53.41 2.02 0.00	60.39 2.24 0.00	47.73 1.76 0.00	46.18 1.38 0.00	40.05 1.04 0.00	47.38 0.75 0.00
CE_MILLWOOD___DRP 24193	44.09 0.84 0.00	41.26 0.57 0.00	45.30 0.57 0.00	40.87 0.46 0.00	38.39 0.50 0.00	39.45 0.51 0.00	52.12 1.06 0.00	47.74 1.12 0.00	45.80 1.56 0.00	43.59 1.82 0.00	40.39 1.99 0.00	38.17 1.85 0.00	35.98 1.59 0.00	33.93 1.37 0.00	34.46 1.26 0.00	33.98 1.45 0.00	34.08 1.50 0.00	80.92 2.82 0.00	53.24 1.85 0.00	60.20 2.05 0.00	47.58 1.61 0.00	46.04 1.24 0.00	39.94 0.93 0.00	47.26 0.63 0.00
CE_NYC2_DRP 24202	44.51 1.26 0.00	41.66 0.96 -0.01	45.67 0.94 0.00	41.20 0.79 0.00	38.73 0.83 0.00	39.80 0.87 0.00	52.56 1.51 0.00	48.29 1.67 0.00	46.74 2.17 -0.32	47.95 2.44 -3.74	47.77 2.63 -6.74	45.09 2.49 -6.29	41.15 2.20 -4.56	39.20 1.94 -4.69	39.10 1.85 -4.05	39.22 2.02 -4.67	39.38 2.03 -4.77	82.26 3.88 -0.28	53.87 2.48 0.00	60.91 2.76 0.00	48.15 2.18 0.00	46.54 1.75 0.00	40.36 1.34 0.00	47.67 1.05 0.00
CE_NYC_DRP 24195	44.38 1.13 0.00	41.53 0.84 0.00	45.54 0.81 0.00	41.08 0.67 0.00	38.62 0.72 0.00	39.69 0.76 0.00	52.45 1.39 0.00	48.12 1.50 0.00	46.27 2.03 0.00	44.09 2.31 0.00	40.93 2.54 0.00	38.71 2.39 0.00	36.50 2.11 0.00	34.44 1.87 0.00	34.98 1.78 0.00	34.47 1.94 0.00	34.53 1.94 0.00	81.83 3.72 0.00	53.74 2.36 0.00	60.76 2.61 0.00	48.01 2.04 0.00	46.41 1.61 0.00	40.23 1.22 0.00	47.54 0.91 0.00
CHAFFEE___LFGE 323603	43.52 0.27 0.00	41.10 0.42 0.00	45.51 0.77 0.00	40.86 0.45 0.00	38.33 0.44 0.00	39.73 0.79 0.00	51.42 0.36 0.00	47.34 0.72 0.00	44.87 0.63 0.00	42.40 0.63 0.00	38.84 0.45 0.00	36.70 0.37 0.00	34.91 0.53 0.00	33.42 0.86 0.00	34.48 1.28 0.00	33.49 0.96 0.00	33.41 0.82 0.00	80.50 2.40 0.00	52.04 0.65 0.00	58.87 0.72 0.00	46.15 0.18 0.00	44.98 0.18 0.00	39.01 0.00 0.00	46.23 -0.39 0.00
CHATEAUG_35_KV_LOAD 355732	43.27 0.02 0.00	41.07 0.39 0.00	45.11 0.37 0.00	40.81 0.41 0.00	38.37 0.47 0.00	39.69 0.75 0.00	52.15 1.09 0.00	47.22 0.60 0.00	44.38 0.13 0.00	41.80 0.02 0.00	38.43 0.03 0.00	36.38 0.06 0.00	34.40 0.02 0.00	32.45 -0.11 0.00	33.26 0.06 0.00	32.53 0.00 0.00	32.47 -0.12 0.00	78.23 0.13 0.00	51.63 0.24 0.00	58.94 0.78 0.00	46.62 0.65 0.00	45.78 0.98 0.00	40.17 1.16 0.00	48.27 1.65 0.00
CHATEAUG_WT_PWR 323614	43.25 0.00 0.00	41.04 0.36 0.00	45.11 0.37 0.00	40.80 0.40 0.00	38.35 0.45 0.00	39.65 0.72 0.00	52.12 1.07 0.00	47.18 0.57 0.00	44.37 0.12 0.00	41.77 0.00 0.00	38.41 0.01 0.00	36.35 0.03 0.00	34.38 -0.01 0.00	32.43 -0.13 0.00	33.24 0.04 0.00	32.53 0.00 0.00	32.47 -0.11 0.00	78.23 0.13 0.00	51.63 0.25 0.00	58.93 0.78 0.00	46.62 0.65 0.00	45.76 0.96 0.00	40.13 1.12 0.00	48.21 1.59 0.00
CHAT_HIGH_FALL_HYD 323578	43.27 0.02 0.00	41.07 0.39 0.00	45.11 0.37 0.00	40.81 0.41 0.00	38.37 0.47 0.00	39.69 0.75 0.00	52.15 1.09 0.00	47.22 0.60 0.00	44.38 0.13 0.00	41.80 0.02 0.00	38.43 0.03 0.00	36.38 0.06 0.00	34.40 0.02 0.00	32.45 -0.11 0.00	33.26 0.06 0.00	32.53 0.00 0.00	32.47 -0.12 0.00	78.23 0.13 0.00	51.63 0.24 0.00	58.94 0.78 0.00	46.62 0.65 0.00	45.78 0.98 0.00	40.17 1.16 0.00	48.27 1.65 0.00
CHAUTAUQUA___LFGE 323629	43.94 0.69 0.00	41.65 0.96 0.00	46.36 1.63 0.00	41.65 1.24 0.00	38.96 1.06 0.00	40.49 1.56 0.00	52.66 1.61 0.00	48.31 1.70 0.00	45.66 1.42 0.00	43.25 1.47 0.00	39.74 1.34 0.00	37.53 1.21 0.00	35.60 1.21 0.00	33.92 1.36 0.00	34.88 1.68 0.00	33.84 1.31 0.00	33.68 1.09 0.00	81.36 3.26 0.00	52.89 1.51 0.00	59.67 1.52 0.00	46.78 0.82 0.00	45.42 0.61 0.00	39.10 0.09 0.00	46.21 -0.41 0.00
CHERRYST_13_KV_LD 356241	44.50 1.25 0.00	41.65 0.96 0.00	45.67 0.94 0.00	41.20 0.79 0.00	38.72 0.82 0.00	39.82 0.88 0.00	52.62 1.57 0.00	48.30 1.69 0.00	46.43 2.19 0.00	44.25 2.48 0.00	41.09 2.69 0.00	38.86 2.54 0.00	36.64 2.26 0.00	34.57 2.00 0.00	35.11 1.91 0.00	34.60 2.08 0.00	34.66 2.07 0.00	82.13 4.03 0.00	53.93 2.55 0.00	60.94 2.79 0.00	48.16 2.19 0.00	46.54 1.74 0.00	40.35 1.34 0.00	47.67 1.05 0.00

CHESTROR_138KV_BK263 355645	43.85 0.59 0.00	41.06 0.37 0.00	45.10 0.36 0.00	40.71 0.31 0.00	38.23 0.34 0.00	39.26 0.32 0.00	51.80 0.74 0.00	47.40 0.79 0.00	45.40 1.15 0.00	43.16 1.38 0.00	39.94 1.54 0.00	37.70 1.38 0.00	35.53 1.15 0.00	33.53 0.97 0.00	34.07 0.87 0.00	33.58 1.05 0.00	33.70 1.12 0.00	80.23 2.12 0.00	52.83 1.45 0.00	59.78 1.63 0.00	47.25 1.28 0.00	45.75 0.95 0.00	39.72 0.71 0.00	47.04 0.42 0.00
CH_MIDHUDSON___DRP 24192	44.14 0.89 0.00	41.30 0.62 0.00	45.35 0.62 0.00	40.94 0.53 0.00	38.48 0.58 0.00	39.50 0.56 0.00	52.20 1.15 0.00	47.81 1.19 0.00	45.80 1.55 0.00	43.52 1.75 0.00	40.25 1.85 0.00	38.00 1.68 0.00	35.85 1.46 0.00	33.80 1.24 0.00	34.37 1.16 0.00	33.87 1.34 0.00	33.99 1.41 0.00	80.82 2.71 0.00	53.26 1.88 0.00	60.20 2.05 0.00	47.59 1.62 0.00	46.05 1.25 0.00	39.95 0.94 0.00	47.32 0.70 0.00
CH_MISC_IPPS 23765	44.38 1.13 0.00	41.54 0.85 0.00	45.59 0.86 0.00	41.15 0.74 0.00	38.67 0.77 0.00	39.72 0.78 0.00	52.50 1.45 0.00	48.09 1.47 0.00	46.06 1.81 0.00	43.77 1.99 0.00	40.46 2.07 0.00	38.19 1.87 0.00	36.01 1.63 0.00	33.97 1.41 0.00	34.52 1.32 0.00	34.05 1.52 0.00	34.19 1.61 0.00	81.34 3.24 0.00	53.61 2.22 0.00	60.62 2.46 0.00	47.90 1.93 0.00	46.35 1.55 0.00	40.20 1.19 0.00	47.59 0.96 0.00
CH_RES_BVR_FALLS 23983	43.49 0.24 0.00	40.93 0.25 0.00	44.83 0.10 0.00	40.54 0.13 0.00	37.95 0.05 0.00	39.06 0.12 0.00	51.15 0.10 0.00	46.61 0.00 0.00	44.07 -0.17 0.00	41.64 -0.13 0.00	38.39 -0.01 0.00	36.42 0.09 0.00	34.44 0.05 0.00	32.64 0.08 0.00	33.33 0.12 0.00	32.59 0.07 0.00	32.60 0.02 0.00	78.30 0.20 0.00	51.47 0.08 0.00	58.31 0.16 0.00	46.06 0.09 0.00	44.94 0.15 0.00	39.19 0.18 0.00	46.91 0.28 0.00
CH_RES_NIAGARA 23895	42.49 -0.76 0.00	40.40 -0.28 0.00	44.84 0.10 0.00	40.29 -0.11 0.00	37.73 -0.17 0.00	39.29 0.35 0.00	50.64 -0.41 0.00	46.15 -0.46 0.00	43.21 -1.03 0.00	40.98 -0.79 0.00	37.59 -0.80 0.00	35.63 -0.69 0.00	33.79 -0.59 0.00	32.29 -0.27 0.00	33.13 -0.07 0.00	32.08 -0.45 0.00	31.81 -0.78 0.00	77.15 -0.95 0.00	49.72 -1.67 0.00	56.26 -1.89 0.00	44.27 -1.70 0.00	43.46 -1.34 0.00	38.08 -0.93 0.00	45.66 -0.96 0.00
CH_RES_SYRACUSE 23985	43.16 -0.09 0.00	40.63 -0.06 0.00	44.76 0.02 0.00	40.40 -0.01 0.00	37.87 -0.02 0.00	38.90 -0.04 0.00	51.03 -0.03 0.00	46.70 0.08 0.00	44.21 -0.04 0.00	41.64 -0.14 0.00	38.14 -0.25 0.00	36.04 -0.28 0.00	34.15 -0.23 0.00	32.37 -0.19 0.00	33.02 -0.18 0.00	32.35 -0.18 0.00	32.43 -0.16 0.00	78.11 0.01 0.00	51.40 0.02 0.00	58.26 0.11 0.00	46.03 0.06 0.00	44.74 -0.06 0.00	38.91 -0.10 0.00	46.54 -0.09 0.00
CLINTON_WT_PWR 323605	43.25 0.00 0.00	41.04 0.36 0.00	45.11 0.37 0.00	40.80 0.40 0.00	38.35 0.45 0.00	39.65 0.72 0.00	52.12 1.07 0.00	47.18 0.57 0.00	44.37 0.12 0.00	41.77 0.00 0.00	38.41 0.01 0.00	36.35 0.03 0.00	34.38 -0.01 0.00	32.43 -0.13 0.00	33.24 0.04 0.00	32.53 0.00 0.00	32.47 -0.11 0.00	78.23 0.13 0.00	51.63 0.25 0.00	58.93 0.78 0.00	46.62 0.65 0.00	45.76 0.96 0.00	40.13 1.12 0.00	48.21 1.59 0.00
CLINTON___LFGE 323618	43.95 0.70 0.00	41.71 1.03 0.00	45.80 1.06 0.00	41.42 1.01 0.00	38.96 1.06 0.00	40.30 1.37 0.00	53.16 2.10 0.00	48.10 1.49 0.00	45.04 0.80 0.00	42.48 0.71 0.00	39.07 0.67 0.00	36.98 0.66 0.00	34.88 0.49 0.00	32.82 0.26 0.00	33.63 0.43 0.00	32.92 0.39 0.00	32.85 0.27 0.00	79.11 1.01 0.00	52.36 0.97 0.00	59.92 1.76 0.00	47.47 1.50 0.00	46.61 1.81 0.00	40.88 1.87 0.00	49.06 2.44 0.00
COBBLENY_34_KV_TB1 80064	43.52 0.27 0.00	41.10 0.42 0.00	45.51 0.77 0.00	40.86 0.46 0.00	38.33 0.44 0.00	39.73 0.79 0.00	51.44 0.39 0.00	47.34 0.72 0.00	44.88 0.64 0.00	42.40 0.63 0.00	38.84 0.44 0.00	36.70 0.38 0.00	34.91 0.53 0.00	33.43 0.87 0.00	34.49 1.28 0.00	33.49 0.96 0.00	33.41 0.83 0.00	80.51 2.41 0.00	52.05 0.67 0.00	58.89 0.74 0.00	46.16 0.19 0.00	44.99 0.19 0.00	39.01 0.00 0.00	46.23 -0.39 0.00
COFFEEN___115KV_TB3 355620	43.15 -0.10 0.00	40.52 -0.17 0.00	44.12 -0.62 0.00	39.98 -0.43 0.00	37.52 -0.38 0.00	38.69 -0.25 0.00	51.16 0.10 0.00	46.69 0.08 0.00	43.06 -1.19 0.00	39.49 -2.29 0.00	36.37 -2.02 0.00	34.57 -1.76 0.00	32.56 -1.83 0.00	30.89 -1.67 0.00	31.50 -1.70 0.00	30.93 -1.60 0.00	31.07 -1.51 0.00	74.65 -3.45 0.00	51.36 -0.02 0.00	59.39 1.24 0.00	47.25 1.28 0.00	45.88 1.08 0.00	39.69 0.68 0.00	47.18 0.55 0.00
COLDSPRG_115KV_BK1 355956	44.60 1.35 0.00	42.20 1.51 0.00	46.88 2.14 0.00	42.13 1.73 0.00	39.47 1.57 0.00	41.02 2.08 0.00	53.32 2.27 0.00	49.03 2.42 0.00	46.40 2.15 0.00	43.92 2.15 0.00	40.27 1.87 0.00	38.01 1.69 0.00	36.09 1.70 0.00	34.45 1.89 0.00	35.43 2.23 0.00	34.37 1.84 0.00	34.25 1.66 0.00	82.69 4.59 0.00	53.65 2.27 0.00	60.52 2.37 0.00	47.48 1.51 0.00	46.10 1.30 0.00	39.77 0.76 0.00	47.03 0.40 0.00
COLONIE_LFGE___ 323577	43.52 0.27 0.00	40.77 0.09 0.00	44.68 -0.05 0.00	40.43 0.03 0.00	38.05 0.15 0.00	39.10 0.17 0.00	51.67 0.61 0.00	47.06 0.44 0.00	44.82 0.57 0.00	42.25 0.48 0.00	38.79 0.39 0.00	36.65 0.33 0.00	34.68 0.29 0.00	32.70 0.14 0.00	33.33 0.12 0.00	32.82 0.29 0.00	33.02 0.44 0.00	78.53 0.43 0.00	52.03 0.65 0.00	58.66 0.51 0.00	46.43 0.46 0.00	45.04 0.24 0.00	39.17 0.16 0.00	46.78 0.15 0.00
COOPERNY_115KV_TB1 80082	43.63 0.39 0.00	40.92 0.24 0.00	45.00 0.26 0.00	40.62 0.21 0.00	38.14 0.24 0.00	39.14 0.21 0.00	51.57 0.52 0.00	47.16 0.55 0.00	45.06 0.82 0.00	42.78 1.00 0.00	39.50 1.10 0.00	37.31 0.99 0.00	35.22 0.83 0.00	33.26 0.70 0.00	33.83 0.63 0.00	33.28 0.75 0.00	33.40 0.81 0.00	79.68 1.58 0.00	52.44 1.06 0.00	59.33 1.18 0.00	46.89 0.92 0.00	45.46 0.66 0.00	39.50 0.49 0.00	46.88 0.25 0.00
COPENHAGEN_WT_PWR 323753	42.63 -0.62 0.00	40.05 -0.64 0.00	43.54 -1.20 0.00	39.47 -0.93 0.00	37.02 -0.88 0.00	38.09 -0.85 0.00	50.29 -0.76 0.00	45.92 -0.69 0.00	42.58 -1.66 0.00	39.33 -2.44 0.00	36.36 -2.04 0.00	34.61 -1.71 0.00	32.56 -1.82 0.00	30.92 -1.64 0.00	31.56 -1.64 0.00	31.02 -1.51 0.00	31.15 -1.44 0.00	74.88 -3.23 0.00	51.12 -0.26 0.00	58.89 0.74 0.00	46.81 0.84 0.00	45.47 0.67 0.00	39.33 0.32 0.00	46.81 0.18 0.00
CORNELL_____ 23752	43.70 0.46 0.00	41.14 0.45 0.00	45.36 0.63 0.00	40.94 0.53 0.00	38.44 0.54 0.00	39.55 0.61 0.00	51.95 0.90 0.00	47.64 1.03 0.00	45.06 0.81 0.00	42.23 0.45 0.00	38.59 0.19 0.00	36.31 -0.02 0.00	34.35 -0.04 0.00	32.51 -0.06 0.00	33.22 0.02 0.00	32.53 0.01 0.00	32.64 0.06 0.00	79.26 1.15 0.00	52.41 1.02 0.00	59.59 1.44 0.00	47.11 1.14 0.00	45.74 0.94 0.00	39.71 0.70 0.00	47.31 0.69 0.00

CORONA__69_KV_TB1 355595	71.56 1.71 -26.59	70.03 1.44 -27.90	50.07 1.44 -3.89	45.89 1.10 -4.39	66.17 1.08 -27.19	66.56 1.16 -26.46	81.30 1.99 -28.26	53.30 1.75 -4.93	79.33 2.21 -32.87	61.25 2.55 -16.93	78.38 2.56 -37.42	100.76 2.58 -61.86	54.14 2.36 -17.39	48.35 2.04 -13.75	53.15 1.82 -18.13	61.27 2.21 -26.52	61.88 2.09 -27.21	119.45 3.55 -37.80	110.80 2.41 -57.00	98.27 2.77 -37.35	84.25 2.08 -36.20	71.04 1.83 -24.41	87.09 1.42 -46.66	47.76 1.11 -0.03
CORTLAND__115KV_TB3 80093	43.49 0.24 0.00	40.91 0.22 0.00	45.08 0.34 0.00	40.66 0.26 0.00	38.15 0.26 0.00	39.24 0.30 0.00	51.55 0.49 0.00	47.21 0.59 0.00	44.72 0.47 0.00	42.04 0.27 0.00	38.49 0.10 0.00	36.34 0.02 0.00	34.40 0.01 0.00	32.58 0.02 0.00	33.28 0.08 0.00	32.60 0.08 0.00	32.68 0.10 0.00	78.94 0.84 0.00	52.10 0.71 0.00	59.06 0.91 0.00	46.66 0.69 0.00	45.33 0.53 0.00	39.36 0.35 0.00	46.93 0.30 0.00
COXSACKIE__GT 23611	44.22 0.97 0.00	41.43 0.75 0.00	45.49 0.75 0.00	41.15 0.74 0.00	38.76 0.87 0.00	39.83 0.90 0.00	52.77 1.72 0.00	48.27 1.66 0.00	45.87 1.63 0.00	43.16 1.38 0.00	39.15 0.76 0.00	36.72 0.40 0.00	34.69 0.30 0.00	32.77 0.20 0.00	33.43 0.23 0.00	32.91 0.38 0.00	33.20 0.61 0.00	79.47 1.37 0.00	53.09 1.70 0.00	60.41 2.26 0.00	47.81 1.84 0.00	46.28 1.48 0.00	40.11 1.10 0.00	47.82 1.20 0.00
CPV_VALLEY__CC1 323721	43.58 0.33 0.00	40.83 0.14 0.00	44.84 0.10 0.00	40.49 0.08 0.00	38.03 0.13 0.00	39.04 0.10 0.00	51.47 0.42 0.00	47.09 0.48 0.00	45.08 0.84 0.00	42.85 1.08 0.00	39.64 1.24 0.00	37.45 1.13 0.00	35.33 0.94 0.00	33.34 0.78 0.00	33.88 0.68 0.00	33.38 0.85 0.00	33.49 0.91 0.00	79.68 1.58 0.00	52.46 1.08 0.00	59.35 1.20 0.00	46.91 0.94 0.00	45.42 0.62 0.00	39.47 0.46 0.00	46.76 0.14 0.00
CPV_VALLEY__CC2 323722	43.58 0.33 0.00	40.83 0.14 0.00	44.84 0.10 0.00	40.49 0.08 0.00	38.03 0.13 0.00	39.04 0.10 0.00	51.47 0.42 0.00	47.09 0.48 0.00	45.08 0.84 0.00	42.85 1.08 0.00	39.64 1.24 0.00	37.45 1.13 0.00	35.33 0.94 0.00	33.34 0.78 0.00	33.88 0.68 0.00	33.38 0.85 0.00	33.49 0.91 0.00	79.68 1.58 0.00	52.46 1.08 0.00	59.35 1.20 0.00	46.91 0.94 0.00	45.42 0.62 0.00	39.47 0.46 0.00	46.76 0.14 0.00
CRESCENT__HYD 24018	43.52 0.27 0.00	40.77 0.09 0.00	44.68 -0.05 0.00	40.43 0.03 0.00	38.05 0.15 0.00	39.10 0.17 0.00	51.67 0.61 0.00	47.06 0.44 0.00	44.82 0.57 0.00	42.25 0.48 0.00	38.79 0.39 0.00	36.65 0.33 0.00	34.68 0.29 0.00	32.70 0.14 0.00	33.33 0.12 0.00	32.82 0.29 0.00	33.02 0.44 0.00	78.53 0.43 0.00	52.03 0.65 0.00	58.66 0.51 0.00	46.43 0.46 0.00	45.04 0.24 0.00	39.17 0.16 0.00	46.78 0.15 0.00
CRICKET__VALLEY_CC1 323756	43.60 0.35 0.00	40.80 0.12 0.00	44.75 0.01 0.00	40.41 0.01 0.00	38.02 0.12 0.00	39.00 0.06 0.00	51.54 0.49 0.00	47.14 0.53 0.00	45.14 0.90 0.00	42.92 1.15 0.00	39.67 1.27 0.00	37.48 1.16 0.00	35.36 0.98 0.00	33.33 0.77 0.00	33.90 0.69 0.00	33.41 0.88 0.00	33.52 0.94 0.00	79.56 1.46 0.00	52.52 1.13 0.00	59.31 1.16 0.00	46.88 0.91 0.00	45.36 0.56 0.00	39.38 0.37 0.00	46.70 0.07 0.00
CRICKET__VALLEY_CC2 323757	43.60 0.35 0.00	40.80 0.12 0.00	44.75 0.01 0.00	40.41 0.01 0.00	38.02 0.12 0.00	39.00 0.06 0.00	51.54 0.49 0.00	47.14 0.53 0.00	45.14 0.90 0.00	42.92 1.15 0.00	39.67 1.27 0.00	37.48 1.16 0.00	35.36 0.98 0.00	33.33 0.77 0.00	33.90 0.69 0.00	33.41 0.88 0.00	33.52 0.94 0.00	79.56 1.46 0.00	52.52 1.13 0.00	59.31 1.16 0.00	46.88 0.91 0.00	45.36 0.56 0.00	39.38 0.37 0.00	46.70 0.07 0.00
CRICKET__VALLEY_CC3 323758	43.60 0.35 0.00	40.80 0.12 0.00	44.75 0.01 0.00	40.41 0.01 0.00	38.02 0.12 0.00	39.00 0.06 0.00	51.54 0.49 0.00	47.14 0.53 0.00	45.14 0.90 0.00	42.92 1.15 0.00	39.67 1.27 0.00	37.48 1.16 0.00	35.36 0.98 0.00	33.33 0.77 0.00	33.90 0.69 0.00	33.41 0.88 0.00	33.52 0.94 0.00	79.56 1.46 0.00	52.52 1.13 0.00	59.31 1.16 0.00	46.88 0.91 0.00	45.36 0.56 0.00	39.38 0.37 0.00	46.70 0.07 0.00
CRUCIBLE__METL_DRP 24180	43.16 -0.09 0.00	40.63 -0.06 0.00	44.76 0.03 0.00	40.40 -0.01 0.00	37.87 -0.02 0.00	38.90 -0.04 0.00	51.04 -0.02 0.00	46.70 0.08 0.00	44.21 -0.04 0.00	41.64 -0.14 0.00	38.15 -0.25 0.00	36.05 -0.28 0.00	34.16 -0.23 0.00	32.37 -0.19 0.00	33.02 -0.18 0.00	32.35 -0.18 0.00	32.42 -0.16 0.00	78.11 0.01 0.00	51.41 0.03 0.00	58.26 0.11 0.00	46.04 0.06 0.00	44.74 -0.06 0.00	38.91 -0.10 0.00	46.54 -0.09 0.00
DAHOWA__HYDRO 323763	44.47 1.22 0.00	41.62 0.93 0.00	45.56 0.83 0.00	41.21 0.81 0.00	38.79 0.90 0.00	39.99 1.05 0.00	52.99 1.94 0.00	48.21 1.60 0.00	45.78 1.53 0.00	42.91 1.13 0.00	39.26 0.86 0.00	36.99 0.67 0.00	34.98 0.60 0.00	32.94 0.38 0.00	33.57 0.37 0.00	33.09 0.57 0.00	33.36 0.78 0.00	79.78 1.68 0.00	53.09 1.70 0.00	59.94 1.79 0.00	47.39 1.42 0.00	45.99 1.20 0.00	40.01 1.00 0.00	47.70 1.08 0.00
DANC__LFGE 323619	42.52 -0.73 0.00	39.96 -0.73 0.00	43.66 -1.07 0.00	39.51 -0.90 0.00	37.06 -0.84 0.00	38.11 -0.83 0.00	50.20 -0.86 0.00	45.85 -0.77 0.00	42.84 -1.41 0.00	39.85 -1.93 0.00	36.68 -1.71 0.00	34.82 -1.50 0.00	32.86 -1.53 0.00	31.16 -1.40 0.00	31.80 -1.40 0.00	31.20 -1.33 0.00	31.32 -1.26 0.00	75.34 -2.77 0.00	50.77 -0.62 0.00	58.14 -0.01 0.00	46.13 0.16 0.00	44.82 0.02 0.00	38.86 -0.15 0.00	46.35 -0.28 0.00
DANSKAMMER__1 23586	44.38 1.13 0.00	41.54 0.85 0.00	45.59 0.86 0.00	41.15 0.74 0.00	38.67 0.77 0.00	39.72 0.78 0.00	52.50 1.45 0.00	48.09 1.47 0.00	46.06 1.81 0.00	43.77 1.99 0.00	40.46 2.07 0.00	38.19 1.87 0.00	36.01 1.63 0.00	33.97 1.41 0.00	34.52 1.32 0.00	34.05 1.52 0.00	34.19 1.61 0.00	81.34 3.24 0.00	53.61 2.22 0.00	60.62 2.46 0.00	47.90 1.93 0.00	46.35 1.55 0.00	40.20 1.19 0.00	47.59 0.96 0.00
DANSKAMMER__2 23589	44.38 1.13 0.00	41.54 0.85 0.00	45.59 0.86 0.00	41.15 0.74 0.00	38.67 0.77 0.00	39.72 0.78 0.00	52.50 1.45 0.00	48.09 1.47 0.00	46.06 1.81 0.00	43.77 1.99 0.00	40.46 2.07 0.00	38.19 1.87 0.00	36.01 1.63 0.00	33.97 1.41 0.00	34.52 1.32 0.00	34.05 1.52 0.00	34.19 1.61 0.00	81.34 3.24 0.00	53.61 2.22 0.00	60.62 2.46 0.00	47.90 1.93 0.00	46.35 1.55 0.00	40.20 1.19 0.00	47.59 0.96 0.00
DANSKAMMER__3 23590	44.38 1.13 0.00	41.54 0.85 0.00	45.59 0.86 0.00	41.15 0.74 0.00	38.67 0.77 0.00	39.72 0.78 0.00	52.50 1.45 0.00	48.09 1.47 0.00	46.06 1.81 0.00	43.77 1.99 0.00	40.46 2.07 0.00	38.19 1.87 0.00	36.01 1.63 0.00	33.97 1.41 0.00	34.52 1.32 0.00	34.05 1.52 0.00	34.19 1.61 0.00	81.34 3.24 0.00	53.61 2.22 0.00	60.62 2.46 0.00	47.90 1.93 0.00	46.35 1.55 0.00	40.20 1.19 0.00	47.59 0.96 0.00

DANSKAMMER___4 23591	44.38 1.13 0.00	41.54 0.85 0.00	45.59 0.86 0.00	41.15 0.74 0.00	38.67 0.77 0.00	39.72 0.78 0.00	52.50 1.45 0.00	48.09 1.47 0.00	46.06 1.81 0.00	43.77 1.99 0.00	40.46 2.07 0.00	38.19 1.87 0.00	36.01 1.63 0.00	33.97 1.41 0.00	34.52 1.32 0.00	34.05 1.52 0.00	34.19 1.61 0.00	81.34 3.24 0.00	53.61 2.22 0.00	60.62 2.46 0.00	47.90 1.93 0.00	46.35 1.55 0.00	40.20 1.19 0.00	47.59 0.96 0.00
DANSKAMMER___DIESEL 23592	44.38 1.13 0.00	41.53 0.85 0.00	45.59 0.86 0.00	41.15 0.74 0.00	38.67 0.77 0.00	39.72 0.78 0.00	52.49 1.44 0.00	48.09 1.47 0.00	46.06 1.82 0.00	43.78 2.00 0.00	40.46 2.06 0.00	38.20 1.88 0.00	36.01 1.62 0.00	33.96 1.39 0.00	34.52 1.32 0.00	34.05 1.52 0.00	34.19 1.61 0.00	81.34 3.24 0.00	53.61 2.22 0.00	60.61 2.46 0.00	47.89 1.93 0.00	46.35 1.55 0.00	40.21 1.20 0.00	47.59 0.96 0.00
DARBY___SOLAR 323810	44.42 1.17 0.00	41.58 0.90 0.00	45.53 0.80 0.00	41.18 0.77 0.00	38.77 0.87 0.00	39.93 1.00 0.00	52.89 1.84 0.00	48.13 1.52 0.00	45.71 1.47 0.00	42.87 1.09 0.00	39.21 0.82 0.00	36.96 0.63 0.00	34.95 0.57 0.00	32.92 0.36 0.00	33.55 0.35 0.00	33.08 0.55 0.00	33.35 0.77 0.00	79.75 1.65 0.00	53.04 1.65 0.00	59.87 1.72 0.00	47.35 1.38 0.00	45.96 1.16 0.00	39.97 0.96 0.00	47.65 1.03 0.00
DASHVILLE___HYD 23610	44.05 0.80 0.00	41.23 0.55 0.00	45.31 0.57 0.00	40.91 0.50 0.00	38.45 0.55 0.00	39.43 0.49 0.00	52.08 1.03 0.00	47.70 1.09 0.00	45.68 1.44 0.00	43.43 1.65 0.00	40.20 1.80 0.00	37.98 1.66 0.00	35.81 1.42 0.00	33.76 1.20 0.00	34.34 1.14 0.00	33.81 1.29 0.00	33.94 1.36 0.00	80.65 2.55 0.00	53.14 1.75 0.00	60.10 1.95 0.00	47.52 1.55 0.00	45.98 1.19 0.00	39.90 0.88 0.00	47.22 0.59 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	46.35 1.78 -1.33	42.82 1.46 -0.67	46.12 1.41 0.02	40.60 0.53 0.33	35.80 -0.01 2.09	37.19 0.29 2.04	53.84 1.83 -0.95	48.04 1.78 0.36	50.03 2.31 -3.48	49.65 2.82 -5.06	45.80 2.58 -4.82	44.92 2.83 -5.77	35.62 2.18 0.95	33.07 1.51 1.01	32.81 1.01 1.40	33.00 1.74 1.27	32.15 1.17 1.60	75.87 0.63 2.86	53.99 0.79 -1.82	62.21 1.84 -2.22	49.70 1.83 -1.91	48.00 1.71 -1.50	40.61 1.17 -0.43	47.45 0.83 0.00
DELAWARE___LFGE 323621	43.88 0.63 0.00	41.20 0.51 0.00	45.44 0.71 0.00	41.05 0.64 0.00	38.55 0.66 0.00	39.51 0.57 0.00	51.99 0.93 0.00	47.54 0.93 0.00	45.26 1.01 0.00	42.81 1.03 0.00	39.38 0.98 0.00	37.22 0.89 0.00	35.17 0.79 0.00	33.19 0.63 0.00	33.80 0.60 0.00	33.17 0.64 0.00	33.31 0.73 0.00	80.21 2.11 0.00	52.78 1.40 0.00	59.72 1.57 0.00	47.25 1.28 0.00	45.84 1.04 0.00	39.84 0.83 0.00	47.37 0.74 0.00
DERFIELD_115KV_TB7 355931	43.08 -0.17 0.00	40.49 -0.20 0.00	44.51 -0.23 0.00	40.20 -0.20 0.00	37.73 -0.17 0.00	38.71 -0.23 0.00	50.86 -0.19 0.00	46.46 -0.15 0.00	44.17 -0.08 0.00	41.66 -0.11 0.00	38.31 -0.09 0.00	36.24 -0.08 0.00	34.30 -0.08 0.00	32.50 -0.06 0.00	33.13 -0.07 0.00	32.50 -0.02 0.00	32.56 -0.02 0.00	77.94 -0.16 0.00	51.38 -0.01 0.00	58.13 -0.02 0.00	45.97 0.00 0.00	44.71 -0.09 0.00	38.89 -0.12 0.00	46.44 -0.19 0.00
DOGLEVILLE___HYD 23807	41.25 -2.00 0.00	38.63 -2.05 0.00	42.41 -2.32 0.00	38.46 -1.95 0.00	36.30 -1.60 0.00	37.21 -1.73 0.00	49.53 -1.53 0.00	45.06 -1.56 0.00	42.75 -1.49 0.00	39.52 -2.25 0.00	35.81 -2.58 0.00	33.84 -2.48 0.00	32.17 -2.22 0.00	32.22 -0.34 0.00	32.75 -0.45 0.00	32.26 -0.27 0.00	31.72 -0.86 0.00	73.74 -4.36 0.00	49.81 -1.57 0.00	56.55 -1.60 0.00	44.82 -1.14 0.00	43.27 -1.54 0.00	37.55 -1.46 0.00	44.61 -2.02 0.00
DUNKIRK___115KV_TB_200 55889	43.89 0.64 0.00	41.60 0.91 0.00	46.29 1.56 0.00	41.57 1.16 0.00	38.89 0.99 0.00	40.41 1.48 0.00	52.58 1.53 0.00	48.22 1.60 0.00	45.59 1.34 0.00	43.18 1.40 0.00	39.67 1.27 0.00	37.46 1.14 0.00	35.54 1.16 0.00	33.87 1.30 0.00	34.83 1.62 0.00	33.79 1.27 0.00	33.62 1.04 0.00	81.29 3.19 0.00	52.82 1.44 0.00	59.61 1.46 0.00	46.74 0.77 0.00	45.39 0.59 0.00	39.11 0.10 0.00	46.25 -0.37 0.00
DUNKIRK___1 23563	43.89 0.64 0.00	41.60 0.91 0.00	46.29 1.56 0.00	41.57 1.16 0.00	38.89 0.99 0.00	40.41 1.48 0.00	52.58 1.53 0.00	48.22 1.60 0.00	45.59 1.34 0.00	43.18 1.40 0.00	39.67 1.27 0.00	37.46 1.14 0.00	35.54 1.16 0.00	33.87 1.30 0.00	34.83 1.62 0.00	33.79 1.27 0.00	33.62 1.04 0.00	81.29 3.19 0.00	52.82 1.44 0.00	59.61 1.46 0.00	46.74 0.77 0.00	45.39 0.59 0.00	39.11 0.10 0.00	46.25 -0.37 0.00
DUNKIRK___2 23564	43.89 0.64 0.00	41.60 0.91 0.00	46.29 1.56 0.00	41.57 1.16 0.00	38.89 0.99 0.00	40.41 1.48 0.00	52.58 1.53 0.00	48.22 1.60 0.00	45.59 1.34 0.00	43.18 1.40 0.00	39.67 1.27 0.00	37.46 1.14 0.00	35.54 1.16 0.00	33.87 1.30 0.00	34.83 1.62 0.00	33.79 1.27 0.00	33.62 1.04 0.00	81.29 3.19 0.00	52.82 1.44 0.00	59.61 1.46 0.00	46.74 0.77 0.00	45.39 0.59 0.00	39.11 0.10 0.00	46.25 -0.37 0.00
DUNKIRK___3 23565	43.70 0.44 0.00	41.41 0.72 0.00	46.04 1.31 0.00	41.34 0.94 0.00	38.69 0.79 0.00	40.20 1.26 0.00	52.25 1.20 0.00	47.89 1.28 0.00	45.23 0.98 0.00	42.83 1.06 0.00	39.36 0.96 0.00	37.18 0.86 0.00	35.28 0.90 0.00	33.63 1.07 0.00	34.58 1.38 0.00	33.56 1.04 0.00	33.39 0.81 0.00	80.72 2.62 0.00	52.43 1.05 0.00	59.21 1.06 0.00	46.43 0.46 0.00	45.16 0.36 0.00	39.00 -0.01 0.00	46.22 -0.40 0.00
DUNKIRK___4 23566	43.70 0.44 0.00	41.41 0.72 0.00	46.04 1.31 0.00	41.34 0.94 0.00	38.69 0.79 0.00	40.20 1.26 0.00	52.25 1.20 0.00	47.89 1.28 0.00	45.23 0.98 0.00	42.83 1.06 0.00	39.36 0.96 0.00	37.18 0.86 0.00	35.28 0.90 0.00	33.63 1.07 0.00	34.58 1.38 0.00	33.56 1.04 0.00	33.39 0.81 0.00	80.72 2.62 0.00	52.43 1.05 0.00	59.21 1.06 0.00	46.43 0.46 0.00	45.16 0.36 0.00	39.00 -0.01 0.00	46.22 -0.40 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	44.32 1.08 0.00	41.50 0.82 0.00	45.54 0.81 0.00	41.08 0.67 0.00	38.59 0.70 0.00	39.66 0.72 0.00	52.40 1.34 0.00	48.02 1.40 0.00	46.11 1.87 0.00	43.89 2.12 0.00	40.67 2.27 0.00	38.47 2.15 0.00	36.26 1.87 0.00	34.19 1.63 0.00	34.73 1.53 0.00	34.24 1.72 0.00	34.32 1.74 0.00	81.42 3.32 0.00	53.53 2.14 0.00	60.52 2.37 0.00	47.84 1.87 0.00	46.28 1.48 0.00	40.13 1.12 0.00	47.47 0.85 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	44.10 0.85 0.00	41.28 0.59 0.00	45.33 0.59 0.00	40.92 0.51 0.00	38.43 0.54 0.00	39.47 0.54 0.00	52.13 1.07 0.00	47.72 1.11 0.00	45.72 1.47 0.00	43.46 1.68 0.00	40.21 1.82 0.00	37.95 1.63 0.00	35.77 1.38 0.00	33.73 1.17 0.00	34.28 1.08 0.00	33.80 1.27 0.00	33.94 1.35 0.00	80.74 2.63 0.00	53.20 1.82 0.00	60.19 2.04 0.00	47.57 1.60 0.00	46.04 1.24 0.00	39.95 0.94 0.00	47.29 0.67 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	44.35 1.09 0.00	41.48 0.78 -0.01	45.50 0.77 0.00	41.04 0.63 0.00	38.57 0.67 0.00	39.62 0.69 0.00	52.31 1.26 0.00	48.06 1.45 0.00	46.16 1.91 -0.01	43.97 2.19 -0.01	40.80 2.40 -0.01	38.58 2.26 -0.01	36.38 1.99 0.00	34.31 1.74 0.00	34.85 1.64 0.00	34.34 1.81 0.00	34.41 1.82 -0.01	81.49 3.39 0.00	53.57 2.18 0.00	60.60 2.45 0.00	47.94 1.97 0.00	46.34 1.54 0.00	40.18 1.17 0.00	47.49 0.87 0.00
E179THST_13_KV_LOAD 356214	44.53 1.28 0.00	41.64 0.95 -0.01	45.66 0.93 0.00	41.18 0.78 0.00	38.71 0.82 0.00	39.77 0.83 0.00	52.53 1.47 0.00	48.27 1.65 0.00	46.37 2.13 -0.01	44.17 2.39 -0.01	40.98 2.58 -0.01	38.76 2.43 -0.01	36.55 2.16 0.00	34.47 1.90 0.00	35.00 1.80 0.00	34.50 1.97 0.00	34.56 1.97 -0.01	81.88 3.78 0.00	53.82 2.44 0.00	60.88 2.73 0.00	48.17 2.20 0.00	46.55 1.76 0.00	40.35 1.34 0.00	47.70 1.08 0.00
EAST HAMPTON___GT 23717	46.54 1.96 -1.33	42.98 1.62 -0.67	46.19 1.48 0.02	40.32 0.25 0.33	35.37 -0.44 2.09	37.01 0.11 2.04	54.07 2.07 -0.95	48.44 2.18 0.36	50.41 2.68 -3.48	49.87 3.04 -5.06	45.89 2.67 -4.82	44.89 2.80 -5.77	35.40 1.97 0.95	32.81 1.25 1.01	32.69 0.88 1.40	32.90 1.64 1.27	31.79 0.80 1.60	74.96 -0.28 2.86	53.56 0.35 -1.82	62.32 1.94 -2.22	50.19 2.32 -1.91	48.48 2.18 -1.50	41.00 1.56 -0.43	47.89 1.27 0.00
EAST RIVER___6 23660	44.44 1.19 0.00	41.58 0.89 0.00	45.59 0.85 0.00	41.13 0.73 0.00	38.66 0.76 0.00	39.74 0.81 0.00	52.50 1.45 0.00	48.18 1.57 0.00	46.33 2.09 0.00	44.15 2.37 0.00	40.98 2.59 0.00	38.76 2.44 0.00	36.55 2.16 0.00	34.48 1.92 0.00	35.02 1.82 0.00	34.53 2.00 0.00	34.58 2.00 0.00	81.93 3.83 0.00	53.80 2.41 0.00	60.83 2.68 0.00	48.07 2.10 0.00	46.46 1.66 0.00	40.29 1.28 0.00	47.59 0.97 0.00
EAST RIVER___7 23524	44.44 1.19 0.00	41.58 0.89 0.00	45.59 0.85 0.00	41.13 0.73 0.00	38.66 0.76 0.00	39.74 0.81 0.00	52.50 1.45 0.00	48.18 1.57 0.00	46.33 2.09 0.00	44.15 2.37 0.00	40.98 2.59 0.00	38.76 2.44 0.00	36.55 2.16 0.00	34.48 1.92 0.00	35.02 1.82 0.00	34.53 2.00 0.00	34.58 2.00 0.00	81.93 3.83 0.00	53.80 2.41 0.00	60.83 2.68 0.00	48.07 2.10 0.00	46.46 1.66 0.00	40.29 1.28 0.00	47.59 0.97 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	44.22 0.97 0.00	41.38 0.69 0.00	45.41 0.68 0.00	40.97 0.56 0.00	38.50 0.60 0.00	39.54 0.61 0.00	52.29 1.24 0.00	47.90 1.29 0.00	45.98 1.74 0.00	43.76 1.99 0.00	40.55 2.16 0.00	38.35 2.03 0.00	36.15 1.76 0.00	34.08 1.52 0.00	34.62 1.42 0.00	34.14 1.61 0.00	34.21 1.63 0.00	81.21 3.11 0.00	53.41 2.02 0.00	60.39 2.24 0.00	47.73 1.76 0.00	46.18 1.38 0.00	40.05 1.04 0.00	47.38 0.75 0.00
EAST_HAMPTON___DIESEL 23722	46.53 1.95 -1.33	42.97 1.61 -0.67	46.17 1.47 0.02	40.26 0.19 0.33	35.28 -0.52 2.09	36.95 0.05 2.04	54.05 2.05 -0.95	48.44 2.19 0.36	50.40 2.67 -3.48	49.86 3.03 -5.06	45.87 2.65 -4.82	44.85 2.76 -5.77	35.35 1.91 0.95	32.74 1.19 1.01	32.65 0.85 1.40	32.86 1.60 1.27	31.72 0.74 1.60	74.77 -0.47 2.86	53.44 0.23 -1.82	62.26 1.89 -2.22	50.20 2.33 -1.91	48.50 2.20 -1.50	41.01 1.57 -0.43	47.89 1.27 0.00
EAST_POINT___SOLAR 323840	45.68 2.44 0.00	42.93 2.24 0.00	47.20 2.46 0.00	42.67 2.27 0.00	40.09 2.19 0.00	41.36 2.42 0.00	54.66 3.61 0.00	49.85 3.24 0.00	46.47 2.23 0.00	42.56 0.78 0.00	38.13 -0.27 0.00	35.82 -0.50 0.00	33.75 -0.64 0.00	31.40 -1.16 0.00	31.74 -1.46 0.00	31.51 -1.02 0.00	31.71 -0.87 0.00	79.81 1.71 0.00	54.46 3.07 0.00	62.49 4.34 0.00	49.51 3.54 0.00	48.05 3.25 0.00	41.77 2.76 0.00	49.74 3.12 0.00
EAST_PULASKI___ESR 323781	42.54 -0.71 0.00	40.00 -0.69 0.00	43.91 -0.83 0.00	39.66 -0.74 0.00	37.21 -0.69 0.00	38.24 -0.70 0.00	50.23 -0.82 0.00	45.91 -0.70 0.00	43.20 -1.04 0.00	40.47 -1.31 0.00	37.13 -1.27 0.00	35.16 -1.16 0.00	33.26 -1.13 0.00	31.52 -1.04 0.00	32.15 -1.05 0.00	31.51 -1.01 0.00	31.61 -0.98 0.00	76.01 -2.09 0.00	50.60 -0.79 0.00	57.60 -0.56 0.00	45.60 -0.37 0.00	44.34 -0.46 0.00	38.51 -0.50 0.00	46.05 -0.57 0.00
EAST_RIVER___1 323558	44.38 1.13 0.00	41.53 0.85 0.00	45.54 0.81 0.00	41.08 0.67 0.00	38.62 0.72 0.00	39.70 0.76 0.00	52.45 1.40 0.00	48.12 1.50 0.00	46.28 2.03 0.00	44.10 2.32 0.00	40.93 2.53 0.00	38.72 2.40 0.00	36.51 2.12 0.00	34.44 1.88 0.00	34.97 1.77 0.00	34.47 1.94 0.00	34.53 1.95 0.00	81.83 3.73 0.00	53.74 2.36 0.00	60.77 2.61 0.00	48.02 2.05 0.00	46.41 1.61 0.00	40.24 1.23 0.00	47.54 0.91 0.00
EAST_RIVER___2 323559	44.44 1.19 0.00	41.58 0.89 0.00	45.59 0.85 0.00	41.13 0.73 0.00	38.66 0.76 0.00	39.74 0.81 0.00	52.50 1.45 0.00	48.18 1.57 0.00	46.33 2.09 0.00	44.15 2.37 0.00	40.98 2.59 0.00	38.76 2.44 0.00	36.55 2.16 0.00	34.48 1.92 0.00	35.02 1.82 0.00	34.53 2.00 0.00	34.58 2.00 0.00	81.93 3.83 0.00	53.80 2.41 0.00	60.83 2.68 0.00	48.07 2.10 0.00	46.46 1.66 0.00	40.29 1.28 0.00	47.59 0.97 0.00
EAST___DELAWARE_HYD 23607	44.79 1.54 0.00	41.96 1.27 0.00	46.16 1.43 0.00	41.70 1.29 0.00	39.34 1.44 0.00	40.44 1.50 0.00	53.38 2.33 0.00	48.83 2.22 0.00	46.64 2.40 0.00	44.24 2.47 0.00	40.89 2.50 0.00	38.43 2.11 0.00	36.19 1.80 0.00	34.01 1.45 0.00	34.44 1.24 0.00	33.91 1.38 0.00	34.14 1.56 0.00	81.59 3.49 0.00	53.85 2.46 0.00	61.01 2.85 0.00	48.20 2.23 0.00	46.65 1.85 0.00	40.48 1.48 0.00	47.93 1.31 0.00
EIGHT_POINT___WT_PWR 323820	42.00 -1.25 0.00	40.05 -0.63 0.00	45.04 0.31 0.00	40.83 0.43 0.00	38.35 0.45 0.00	39.78 0.85 0.00	51.93 0.88 0.00	47.64 1.03 0.00	44.71 0.46 0.00	41.78 0.00 0.00	38.07 -0.33 0.00	35.86 -0.46 0.00	33.86 -0.53 0.00	32.27 -0.30 0.00	33.20 0.00 0.00	32.31 -0.21 0.00	32.35 -0.23 0.00	79.60 1.49 0.00	52.05 0.66 0.00	59.23 1.08 0.00	46.43 0.46 0.00	45.18 0.38 0.00	39.15 0.14 0.00	46.05 -0.57 0.00
ELBRIDGE_115KV_TB2 80188	42.96 -0.29 0.00	40.46 -0.23 0.00	44.61 -0.13 0.00	40.25 -0.15 0.00	37.73 -0.16 0.00	38.74 -0.20 0.00	50.80 -0.25 0.00	46.52 -0.10 0.00	44.05 -0.19 0.00	41.50 -0.27 0.00	38.02 -0.37 0.00	35.89 -0.43 0.00	34.02 -0.37 0.00	32.24 -0.32 0.00	32.91 -0.29 0.00	32.22 -0.31 0.00	32.30 -0.29 0.00	77.68 -0.42 0.00	51.15 -0.24 0.00	58.01 -0.15 0.00	45.84 -0.13 0.00	44.51 -0.29 0.00	38.74 -0.27 0.00	46.35 -0.27 0.00
ELEC_TRO_TEK 24086	55.77 1.43 -11.08	52.68 1.21 -10.78	47.27 1.18 -1.37	42.46 0.88 -1.18	46.06 0.86 -7.31	46.98 0.93 -7.11	63.84 1.70 -11.08	49.37 1.50 -1.26	61.91 2.00 -15.67	56.00 2.31 -11.92	59.39 2.35 -18.64	67.26 2.38 -28.55	41.68 2.16 -5.13	38.16 1.84 -3.76	39.70 1.63 -4.87	42.56 2.01 -8.03	42.37 1.89 -7.90	91.22 3.11 -10.01	75.27 2.09 -21.79	78.83 2.48 -18.20	66.48 1.86 -18.65	59.07 1.61 -12.66	62.10 1.19 -21.89	47.50 0.86 -0.01

ELLENBURG_WT_PWR 323604	43.25 0.00 0.00	41.04 0.36 0.00	45.11 0.37 0.00	40.80 0.40 0.00	38.35 0.45 0.00	39.65 0.72 0.00	52.12 1.07 0.00	47.18 0.57 0.00	44.37 0.12 0.00	41.77 0.00 0.00	38.41 0.01 0.00	36.35 0.03 0.00	34.38 -0.01 0.00	32.43 -0.13 0.00	33.24 0.04 0.00	32.53 0.00 0.00	32.47 -0.11 0.00	78.23 0.13 0.00	51.63 0.25 0.00	58.93 0.78 0.00	46.62 0.65 0.00	45.76 0.96 0.00	40.13 1.12 0.00	48.21 1.59 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	43.27 0.02 0.00	41.08 0.39 0.00	45.58 0.85 0.00	40.97 0.56 0.00	38.37 0.47 0.00	39.93 0.99 0.00	51.75 0.70 0.00	47.31 0.70 0.00	44.38 0.13 0.00	41.92 0.15 0.00	38.45 0.05 0.00	36.39 0.07 0.00	34.53 0.14 0.00	32.97 0.40 0.00	33.82 0.62 0.00	32.78 0.25 0.00	32.54 -0.04 0.00	78.90 0.80 0.00	51.19 -0.20 0.00	57.89 -0.26 0.00	45.52 -0.45 0.00	44.55 -0.26 0.00	38.77 -0.24 0.00	46.32 -0.30 0.00
EMPIRE_CC_1 323656	42.89 -0.36 0.00	40.23 -0.45 0.00	44.05 -0.68 0.00	39.93 -0.48 0.00	37.59 -0.30 0.00	38.57 -0.37 0.00	50.81 -0.24 0.00	46.30 -0.31 0.00	44.16 -0.08 0.00	41.76 -0.01 0.00	38.43 0.03 0.00	36.41 0.09 0.00	34.51 0.12 0.00	32.58 0.02 0.00	33.16 -0.04 0.00	32.65 0.12 0.00	32.83 0.25 0.00	77.57 -0.53 0.00	51.27 -0.11 0.00	57.71 -0.44 0.00	45.75 -0.22 0.00	44.36 -0.44 0.00	38.57 -0.44 0.00	46.07 -0.55 0.00
EMPIRE_CC_2 323658	42.89 -0.36 0.00	40.23 -0.45 0.00	44.05 -0.68 0.00	39.93 -0.48 0.00	37.59 -0.30 0.00	38.57 -0.37 0.00	50.81 -0.24 0.00	46.30 -0.31 0.00	44.16 -0.08 0.00	41.76 -0.01 0.00	38.43 0.03 0.00	36.41 0.09 0.00	34.51 0.12 0.00	32.58 0.02 0.00	33.16 -0.04 0.00	32.65 0.12 0.00	32.83 0.25 0.00	77.57 -0.53 0.00	51.27 -0.11 0.00	57.71 -0.44 0.00	45.75 -0.22 0.00	44.36 -0.44 0.00	38.57 -0.44 0.00	46.07 -0.55 0.00
ENORWICH_115KV_TB1 80156	44.10 0.85 0.00	41.70 1.01 0.00	45.86 1.13 0.00	41.53 1.13 0.00	39.43 1.53 0.00	40.47 1.53 0.00	53.21 2.16 0.00	49.04 2.42 0.00	46.35 2.11 0.00	43.15 1.38 0.00	39.50 1.11 0.00	37.15 0.83 0.00	34.78 0.39 0.00	32.60 0.04 0.00	33.36 0.15 0.00	32.79 0.26 0.00	33.14 0.56 0.00	82.03 3.93 0.00	54.47 3.08 0.00	62.70 4.55 0.00	49.77 3.80 0.00	48.20 3.40 0.00	41.81 2.80 0.00	49.59 2.97 0.00
ERIE_ST_34_KV_TB1-2 80199	43.51 0.26 0.00	41.28 0.59 0.00	45.76 1.03 0.00	41.11 0.71 0.00	38.52 0.62 0.00	40.07 1.13 0.00	52.05 1.00 0.00	47.64 1.03 0.00	44.75 0.51 0.00	42.23 0.45 0.00	38.73 0.33 0.00	36.62 0.30 0.00	34.73 0.34 0.00	33.15 0.59 0.00	34.04 0.84 0.00	33.01 0.48 0.00	32.80 0.22 0.00	79.56 1.45 0.00	51.69 0.30 0.00	58.48 0.33 0.00	45.96 -0.01 0.00	44.94 0.14 0.00	39.08 0.07 0.00	46.63 0.00 0.00
ERIE_WT_PWR 323693	43.53 0.28 0.00	41.31 0.62 0.00	45.84 1.11 0.00	41.18 0.78 0.00	38.57 0.67 0.00	40.16 1.22 0.00	52.03 0.98 0.00	47.62 1.01 0.00	44.68 0.43 0.00	42.16 0.39 0.00	38.69 0.30 0.00	36.60 0.28 0.00	34.72 0.34 0.00	33.13 0.57 0.00	33.99 0.79 0.00	32.97 0.44 0.00	32.73 0.15 0.00	79.37 1.27 0.00	51.52 0.14 0.00	58.30 0.14 0.00	45.83 -0.14 0.00	44.81 0.01 0.00	38.97 -0.04 0.00	46.57 -0.06 0.00
ESPRGFLD_115KV_TB1 80157	45.20 1.95 0.00	42.52 1.83 0.00	46.89 2.15 0.00	42.36 1.96 0.00	39.77 1.88 0.00	40.91 1.98 0.00	53.84 2.79 0.00	49.21 2.59 0.00	46.45 2.21 0.00	43.54 1.76 0.00	39.82 1.43 0.00	37.63 1.31 0.00	35.32 0.93 0.00	32.87 0.31 0.00	33.46 0.26 0.00	32.89 0.36 0.00	33.26 0.67 0.00	82.17 4.07 0.00	54.43 3.05 0.00	61.83 3.68 0.00	48.98 3.01 0.00	47.57 2.77 0.00	41.37 2.36 0.00	49.23 2.61 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	43.66 0.41 0.00	41.10 0.41 0.00	45.31 0.58 0.00	40.89 0.49 0.00	38.39 0.50 0.00	39.49 0.55 0.00	51.88 0.83 0.00	47.56 0.94 0.00	45.00 0.76 0.00	42.18 0.41 0.00	38.56 0.17 0.00	36.30 -0.03 0.00	34.35 -0.04 0.00	32.50 -0.06 0.00	33.22 0.02 0.00	32.53 0.00 0.00	32.64 0.06 0.00	79.18 1.08 0.00	52.33 0.94 0.00	59.52 1.37 0.00	47.04 1.07 0.00	45.67 0.87 0.00	39.67 0.65 0.00	47.25 0.63 0.00
ETNA____115KV_TB2 80207	43.66 0.41 0.00	41.10 0.41 0.00	45.31 0.58 0.00	40.89 0.49 0.00	38.39 0.50 0.00	39.49 0.55 0.00	51.88 0.83 0.00	47.56 0.94 0.00	45.00 0.76 0.00	42.18 0.41 0.00	38.56 0.17 0.00	36.30 -0.03 0.00	34.35 -0.04 0.00	32.50 -0.06 0.00	33.22 0.02 0.00	32.53 0.00 0.00	32.64 0.06 0.00	79.18 1.08 0.00	52.33 0.94 0.00	59.52 1.37 0.00	47.04 1.07 0.00	45.67 0.87 0.00	39.67 0.65 0.00	47.25 0.63 0.00
EUCLID____115KV_TB2 356179	42.77 -0.48 0.00	40.24 -0.45 0.00	44.34 -0.40 0.00	40.00 -0.41 0.00	37.51 -0.39 0.00	38.53 -0.41 0.00	50.50 -0.55 0.00	46.18 -0.44 0.00	43.74 -0.50 0.00	41.22 -0.55 0.00	37.82 -0.58 0.00	35.76 -0.56 0.00	33.87 -0.52 0.00	32.10 -0.46 0.00	32.75 -0.45 0.00	32.07 -0.46 0.00	32.14 -0.44 0.00	77.26 -0.84 0.00	50.86 -0.52 0.00	57.58 -0.57 0.00	45.50 -0.46 0.00	44.27 -0.53 0.00	38.51 -0.50 0.00	46.11 -0.51 0.00
E_CANADA_CAP_HY 24051	45.41 2.16 0.00	42.72 2.03 0.00	47.01 2.27 0.00	42.49 2.09 0.00	39.88 1.99 0.00	41.09 2.15 0.00	54.13 3.08 0.00	49.38 2.76 0.00	46.36 2.12 0.00	43.12 1.34 0.00	39.18 0.78 0.00	37.03 0.71 0.00	34.62 0.24 0.00	32.01 -0.55 0.00	32.52 -0.68 0.00	32.07 -0.46 0.00	32.51 -0.07 0.00	80.98 2.88 0.00	54.24 2.86 0.00	61.89 3.74 0.00	49.04 3.08 0.00	47.67 2.87 0.00	41.49 2.48 0.00	49.49 2.86 0.00
E_CANADA_MHWK_HY 24050	41.25 -2.00 0.00	38.63 -2.05 0.00	42.41 -2.32 0.00	38.46 -1.95 0.00	36.30 -1.60 0.00	37.21 -1.73 0.00	49.53 -1.53 0.00	45.06 -1.56 0.00	42.75 -1.49 0.00	39.52 -2.25 0.00	35.81 -2.58 0.00	33.84 -2.48 0.00	32.17 -2.22 0.00	32.22 -0.34 0.00	32.75 -0.45 0.00	32.26 -0.27 0.00	31.72 -0.86 0.00	73.74 -4.36 0.00	49.81 -1.57 0.00	56.55 -1.60 0.00	44.82 -1.14 0.00	43.27 -1.54 0.00	37.55 -1.46 0.00	44.61 -2.02 0.00
E_FISHKILL____LBMP 23776	43.94 0.69 0.00	41.14 0.45 0.00	45.15 0.41 0.00	40.76 0.36 0.00	38.31 0.41 0.00	39.32 0.39 0.00	51.94 0.89 0.00	47.56 0.94 0.00	45.59 1.35 0.00	43.35 1.57 0.00	40.11 1.71 0.00	37.91 1.59 0.00	35.77 1.38 0.00	33.73 1.16 0.00	34.28 1.08 0.00	33.78 1.26 0.00	33.87 1.29 0.00	80.43 2.33 0.00	52.98 1.60 0.00	59.89 1.74 0.00	47.34 1.37 0.00	45.82 1.02 0.00	39.75 0.74 0.00	47.10 0.47 0.00
FALCON____SEABRD_CC1 323796	43.75 0.50 0.00	41.53 0.84 0.00	45.61 0.87 0.00	41.25 0.85 0.00	38.79 0.90 0.00	40.11 1.17 0.00	52.83 1.78 0.00	47.76 1.15 0.00	44.83 0.59 0.00	42.25 0.47 0.00	38.90 0.50 0.00	36.82 0.50 0.00	34.77 0.39 0.00	32.74 0.17 0.00	33.56 0.36 0.00	32.86 0.34 0.00	32.80 0.22 0.00	78.92 0.82 0.00	52.16 0.77 0.00	59.57 1.42 0.00	47.16 1.19 0.00	46.32 1.51 0.00	40.64 1.63 0.00	48.81 2.19 0.00

FALCON___SEABRD_CC2 323797	43.75 0.50 0.00	41.53 0.84 0.00	45.61 0.87 0.00	41.25 0.85 0.00	38.79 0.90 0.00	40.11 1.17 0.00	52.83 1.78 0.00	47.76 1.15 0.00	44.83 0.59 0.00	42.25 0.47 0.00	38.90 0.50 0.00	36.82 0.50 0.00	34.77 0.39 0.00	32.74 0.17 0.00	33.56 0.36 0.00	32.86 0.34 0.00	32.80 0.22 0.00	78.92 0.82 0.00	52.16 0.77 0.00	59.57 1.42 0.00	47.16 1.19 0.00	46.32 1.51 0.00	40.64 1.63 0.00	48.81 2.19 0.00
FAR ROCKAWAY___4 23548	72.86 2.02 -27.60	71.55 1.72 -29.14	50.56 1.74 -4.09	46.46 1.36 -4.69	68.36 1.32 -29.14	68.73 1.43 -28.36	82.88 2.36 -29.46	53.93 2.03 -5.29	80.32 2.44 -33.63	61.08 2.86 -16.44	79.30 2.82 -38.08	102.69 2.86 -63.51	55.55 2.63 -18.53	49.55 2.27 -14.72	54.69 2.06 -19.43	63.22 2.47 -28.22	63.91 2.30 -29.03	122.56 3.94 -40.52	113.56 2.69 -59.49	99.81 3.07 -38.60	85.72 2.38 -37.37	72.16 2.18 -25.19	89.48 1.69 -48.78	48.07 1.41 -0.03
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	44.38 1.14 0.00	41.54 0.85 0.00	45.55 0.81 0.00	41.09 0.68 0.00	38.62 0.72 0.00	39.70 0.76 0.00	52.45 1.39 0.00	48.12 1.50 0.00	46.27 2.03 0.00	44.09 2.31 0.00	40.92 2.52 0.00	38.71 2.39 0.00	36.49 2.11 0.00	34.43 1.87 0.00	34.96 1.76 0.00	34.46 1.93 0.00	34.52 1.94 0.00	81.81 3.70 0.00	53.73 2.34 0.00	60.74 2.58 0.00	48.01 2.04 0.00	46.42 1.62 0.00	40.25 1.24 0.00	47.54 0.92 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	44.40 1.16 0.00	41.54 0.85 0.00	45.57 0.83 0.00	41.10 0.70 0.00	38.63 0.73 0.00	39.71 0.77 0.00	52.47 1.41 0.00	48.14 1.52 0.00	46.28 2.04 0.00	44.09 2.32 0.00	40.93 2.54 0.00	38.71 2.39 0.00	36.51 2.12 0.00	34.43 1.87 0.00	34.97 1.77 0.00	34.46 1.93 0.00	34.52 1.94 0.00	81.82 3.72 0.00	53.74 2.36 0.00	60.76 2.61 0.00	48.02 2.05 0.00	46.43 1.63 0.00	40.26 1.25 0.00	47.55 0.93 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	44.37 1.12 0.00	41.51 0.82 0.00	45.54 0.80 0.00	41.07 0.67 0.00	38.61 0.71 0.00	39.68 0.75 0.00	52.42 1.36 0.00	48.11 1.50 0.00	46.25 2.00 0.00	44.07 2.30 0.00	40.91 2.51 0.00	38.69 2.37 0.00	36.48 2.09 0.00	34.41 1.84 0.00	34.95 1.75 0.00	34.44 1.91 0.00	34.50 1.91 0.00	81.77 3.66 0.00	53.69 2.30 0.00	60.70 2.55 0.00	47.98 2.01 0.00	46.39 1.59 0.00	40.22 1.21 0.00	47.52 0.90 0.00
FARRAGUT___LBMP 323566	44.34 1.09 0.00	41.49 0.81 0.00	45.50 0.76 0.00	41.04 0.64 0.00	38.58 0.68 0.00	39.65 0.72 0.00	52.38 1.33 0.00	48.06 1.45 0.00	46.20 1.96 0.00	44.03 2.25 0.00	40.87 2.47 0.00	38.65 2.33 0.00	36.45 2.06 0.00	34.37 1.81 0.00	34.91 1.71 0.00	34.41 1.88 0.00	34.46 1.88 0.00	81.69 3.59 0.00	53.64 2.25 0.00	60.64 2.50 0.00	47.94 1.97 0.00	46.36 1.56 0.00	40.20 1.19 0.00	47.49 0.87 0.00
FENNER___WINDPWR 24204	43.66 0.41 0.00	41.05 0.36 0.00	45.12 0.38 0.00	40.77 0.37 0.00	38.25 0.35 0.00	39.35 0.41 0.00	51.77 0.72 0.00	47.35 0.74 0.00	44.79 0.55 0.00	41.95 0.18 0.00	38.41 0.01 0.00	36.30 -0.02 0.00	34.33 -0.06 0.00	32.57 0.01 0.00	33.26 0.06 0.00	32.60 0.07 0.00	32.72 0.14 0.00	79.02 0.91 0.00	52.42 1.03 0.00	59.44 1.28 0.00	47.01 1.04 0.00	45.68 0.87 0.00	39.66 0.65 0.00	47.28 0.66 0.00
FIBERTEK___ENERGY 23856	43.16 -0.09 0.00	40.63 -0.06 0.00	44.76 0.03 0.00	40.40 -0.01 0.00	37.87 -0.02 0.00	38.90 -0.04 0.00	51.04 -0.02 0.00	46.70 0.08 0.00	44.21 -0.04 0.00	41.64 -0.14 0.00	38.15 -0.25 0.00	36.05 -0.28 0.00	34.16 -0.23 0.00	32.37 -0.19 0.00	33.02 -0.18 0.00	32.35 -0.18 0.00	32.42 -0.16 0.00	78.11 0.01 0.00	51.41 0.03 0.00	58.26 0.11 0.00	46.04 0.06 0.00	44.74 -0.06 0.00	38.91 -0.10 0.00	46.54 -0.09 0.00
FITZPATRICK____ 23598	42.30 -0.95 0.00	39.81 -0.88 0.00	43.83 -0.90 0.00	39.56 -0.85 0.00	37.09 -0.80 0.00	38.06 -0.88 0.00	49.83 -1.22 0.00	45.54 -1.07 0.00	43.15 -1.09 0.00	40.69 -1.08 0.00	37.35 -1.05 0.00	35.34 -0.98 0.00	33.48 -0.90 0.00	31.73 -0.83 0.00	32.37 -0.83 0.00	31.71 -0.82 0.00	31.75 -0.83 0.00	76.19 -1.91 0.00	50.14 -1.24 0.00	56.77 -1.38 0.00	44.86 -1.11 0.00	43.66 -1.14 0.00	38.03 -0.98 0.00	45.62 -1.01 0.00
FLOWRFLD_69_KV_BK1 356044	46.21 1.52 -1.45	42.74 1.26 -0.79	45.93 1.20 0.01	40.85 0.77 0.31	36.51 0.59 1.98	37.71 0.69 1.92	53.81 1.69 -1.07	47.73 1.45 0.34	49.88 2.02 -3.62	49.43 2.53 -5.13	45.84 2.48 -4.97	45.08 2.73 -6.02	35.83 2.31 0.88	33.43 1.82 0.95	33.23 1.34 1.32	33.34 1.97 1.16	32.79 1.69 1.48	77.62 2.22 2.71	54.95 1.53 -2.04	62.49 1.96 -2.38	49.53 1.50 -2.07	47.75 1.35 -1.61	40.56 0.91 -0.64	47.17 0.55 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	44.46 1.20 0.00	41.60 0.91 0.00	45.67 0.94 0.00	41.21 0.80 0.00	38.73 0.83 0.00	39.78 0.84 0.00	52.59 1.53 0.00	48.17 1.56 0.00	46.15 1.91 0.00	43.84 2.07 0.00	40.54 2.14 0.00	38.27 1.94 0.00	36.07 1.68 0.00	34.02 1.45 0.00	34.59 1.39 0.00	34.11 1.58 0.00	34.26 1.67 0.00	81.50 3.40 0.00	53.71 2.33 0.00	60.72 2.57 0.00	47.98 2.01 0.00	46.43 1.63 0.00	40.27 1.26 0.00	47.67 1.05 0.00
FORT ORANGE____ 23900	43.02 -0.24 0.00	40.33 -0.36 0.00	44.27 -0.46 0.00	40.05 -0.36 0.00	37.71 -0.19 0.00	38.64 -0.29 0.00	51.02 -0.04 0.00	46.59 -0.02 0.00	44.39 0.15 0.00	41.96 0.19 0.00	38.48 0.08 0.00	36.36 0.04 0.00	34.46 0.07 0.00	32.55 -0.01 0.00	33.15 -0.06 0.00	32.63 0.10 0.00	32.78 0.20 0.00	77.84 -0.27 0.00	51.56 0.17 0.00	58.23 0.07 0.00	46.10 0.13 0.00	44.66 -0.14 0.00	38.80 -0.21 0.00	46.33 -0.29 0.00
FORT_DRUM_COGEN 23780	42.98 -0.27 0.00	40.38 -0.31 0.00	43.93 -0.80 0.00	39.82 -0.59 0.00	37.35 -0.55 0.00	38.50 -0.44 0.00	50.86 -0.19 0.00	46.40 -0.21 0.00	42.95 -1.30 0.00	39.56 -2.21 0.00	36.47 -1.93 0.00	34.67 -1.65 0.00	32.64 -1.75 0.00	30.97 -1.59 0.00	31.02 -1.62 0.00	31.15 -1.51 0.00	74.83 -3.27 0.00	51.24 -0.14 0.00	59.11 0.96 0.00	46.99 1.02 0.00	45.63 0.84 0.00	39.49 0.48 0.00	46.98 0.35 0.00	
FOX_HILLS___ESR 323835	54.61 1.49 -9.86	53.96 1.17 -12.11	53.36 1.15 -7.48	53.26 1.04 -11.82	53.27 1.05 -14.33	53.93 1.06 -13.93	58.50 1.68 -5.76	55.43 1.86 -6.96	56.93 2.33 -10.36	56.53 2.59 -12.17	55.27 2.76 -14.12	57.18 2.57 -18.28	56.64 2.31 -19.94	56.38 2.04 -21.77	56.39 1.93 -21.26	57.31 2.09 -22.68	57.33 2.11 -22.63	92.81 4.11 -10.59	64.11 2.66 -10.07	89.15 2.97 -28.03	83.34 2.36 -35.01	64.35 1.94 -17.61	56.29 1.54 -15.75	58.60 1.26 -10.73
FPL FAR_ROCK_GT1 24212	72.85 2.00 -27.60	71.53 1.70 -29.14	50.42 1.59 -4.09	46.36 1.25 -4.69	68.36 1.32 -29.14	68.73 1.44 -28.36	82.84 2.32 -29.46	53.93 2.03 -5.29	80.32 2.44 -33.63	61.08 2.87 -16.44	79.29 2.81 -38.08	102.69 2.86 -63.51	55.52 2.60 -18.53	49.54 2.26 -14.72	54.69 2.06 -19.43	63.22 2.48 -28.22	63.89 2.28 -29.03	122.61 3.99 -40.52	113.56 2.69 -59.49	99.80 3.05 -38.60	85.73 2.40 -37.37	72.16 2.17 -25.19	89.48 1.69 -48.78	48.07 1.41 -0.03

FPL FAR_ROCK_GT2 23815	72.85 2.00 -27.60	71.53 1.70 -29.14	50.42 1.59 -4.09	46.36 1.25 -4.69	68.36 1.32 -29.14	68.73 1.44 -28.36	82.84 2.32 -29.46	53.93 2.03 -5.29	80.32 2.44 -33.63	61.08 2.87 -16.44	79.29 2.81 -38.08	102.69 2.86 -63.51	55.52 2.60 -18.53	49.54 2.26 -14.72	54.69 2.06 -19.43	63.22 2.48 -28.22	63.89 2.28 -29.03	122.61 3.99 -40.52	113.56 2.69 -59.49	99.80 3.05 -38.60	85.73 2.40 -37.37	72.16 2.17 -25.19	89.48 1.69 -48.78	48.07 1.41 -0.03
FRANKLIN_FALL_HYD 24054	43.60 0.35 0.00	41.32 0.63 0.00	45.31 0.58 0.00	41.00 0.59 0.00	38.53 0.63 0.00	39.90 0.96 0.00	52.49 1.44 0.00	47.65 1.03 0.00	44.67 0.43 0.00	42.03 0.25 0.00	38.59 0.20 0.00	36.50 0.18 0.00	34.47 0.09 0.00	32.48 -0.08 0.00	33.20 -0.01 0.00	32.44 -0.09 0.00	32.39 -0.19 0.00	78.23 0.13 0.00	51.76 0.38 0.00	59.25 1.10 0.00	46.87 0.91 0.00	46.02 1.22 0.00	40.32 1.31 0.00	48.38 1.76 0.00
FREEPORT_EQUS_GT1 23764	55.28 1.70 -10.33	52.43 1.44 -10.29	47.40 1.32 -1.35	42.67 0.99 -1.29	46.90 1.03 -7.98	47.83 1.13 -7.76	63.38 2.01 -10.32	49.73 1.84 -1.28	60.40 2.34 -13.81	54.05 2.63 -9.64	56.98 2.61 -15.98	64.34 2.67 -25.35	42.13 2.35 -5.39	38.64 2.01 -4.07	40.28 1.76 -5.32	43.09 2.20 -8.36	42.99 2.05 -8.35	92.22 3.39 -10.72	73.35 2.21 -19.75	75.98 2.85 -14.98	62.78 2.12 -14.69	56.69 1.86 -10.03	57.86 1.40 -17.45	47.72 1.08 -0.01
FREEPORT___CT2 23818	55.28 1.70 -10.33	52.43 1.44 -10.29	47.40 1.32 -1.35	42.67 0.99 -1.29	46.90 1.03 -7.98	47.83 1.13 -7.76	63.38 2.01 -10.32	49.73 1.84 -1.28	60.40 2.34 -13.81	54.05 2.63 -9.64	56.98 2.61 -15.98	64.34 2.67 -25.35	42.13 2.35 -5.39	38.64 2.01 -4.07	40.28 1.76 -5.32	43.09 2.20 -8.36	42.99 2.05 -8.35	92.22 3.39 -10.72	73.35 2.21 -19.75	75.98 2.85 -14.98	62.78 2.12 -14.69	56.69 1.86 -10.03	57.86 1.40 -17.45	47.72 1.08 -0.01
FRESHKLS_33_KV_LOAD 356253	54.60 1.48 -9.86	53.95 1.16 -12.11	53.34 1.13 -7.48	53.26 1.03 -11.82	53.25 1.03 -14.33	53.90 1.03 -13.93	58.42 1.61 -5.76	55.34 1.77 -6.96	56.84 2.24 -10.36	56.45 2.51 -12.17	55.17 2.66 -14.12	57.09 2.49 -18.28	56.55 2.22 -19.94	56.28 1.95 -21.77	56.30 1.83 -21.26	57.23 2.02 -22.68	57.24 2.02 -22.63	92.59 3.89 -10.59	64.00 2.55 -10.07	89.03 2.84 -28.03	83.27 2.28 -35.01	64.29 1.88 -17.61	56.29 1.54 -15.75	58.61 1.27 -10.73
FULTON COGEN____ 23766	42.58 -0.67 0.00	40.05 -0.64 0.00	44.07 -0.66 0.00	39.80 -0.61 0.00	37.33 -0.57 0.00	38.34 -0.60 0.00	50.25 -0.80 0.00	45.94 -0.67 0.00	43.48 -0.77 0.00	40.94 -0.83 0.00	37.50 -0.90 0.00	35.46 -0.86 0.00	33.59 -0.79 0.00	31.84 -0.72 0.00	32.45 -0.75 0.00	31.79 -0.73 0.00	31.87 -0.71 0.00	76.69 -1.41 0.00	50.58 -0.81 0.00	57.29 -0.87 0.00	45.28 -0.69 0.00	44.05 -0.75 0.00	38.31 -0.70 0.00	45.89 -0.73 0.00
FULTON___LFGE 323630	45.15 1.90 0.00	42.40 1.71 0.00	46.63 1.90 0.00	42.21 1.80 0.00	39.71 1.82 0.00	40.92 1.98 0.00	54.02 2.97 0.00	49.28 2.67 0.00	46.19 1.94 0.00	42.80 1.02 0.00	38.58 0.18 0.00	36.27 -0.05 0.00	34.12 -0.27 0.00	31.77 -0.79 0.00	32.27 -0.93 0.00	31.84 -0.69 0.00	32.13 -0.45 0.00	79.75 1.65 0.00	53.96 2.57 0.00	61.70 3.55 0.00	48.89 2.92 0.00	47.43 2.64 0.00	41.23 2.22 0.00	49.12 2.50 0.00
G.F.CEMENT___DRP 24184	45.04 1.79 0.00	42.15 1.46 0.00	46.09 1.36 0.00	41.67 1.27 0.00	39.25 1.35 0.00	40.53 1.59 0.00	53.77 2.72 0.00	48.93 2.31 0.00	46.42 2.18 0.00	43.46 1.68 0.00	39.77 1.37 0.00	37.46 1.14 0.00	35.38 1.00 0.00	33.31 0.74 0.00	33.95 0.75 0.00	33.46 0.93 0.00	33.75 1.17 0.00	80.74 2.64 0.00	53.80 2.41 0.00	60.73 2.58 0.00	48.00 2.03 0.00	46.60 1.80 0.00	40.55 1.54 0.00	48.28 1.66 0.00
GARDENVILLE___LBMP 24039	43.39 0.14 0.00	41.19 0.50 0.00	45.71 0.97 0.00	41.07 0.66 0.00	38.46 0.56 0.00	40.03 1.09 0.00	51.89 0.83 0.00	47.44 0.83 0.00	44.53 0.29 0.00	42.07 0.30 0.00	38.58 0.18 0.00	36.51 0.19 0.00	34.63 0.25 0.00	33.07 0.51 0.00	33.93 0.72 0.00	32.89 0.36 0.00	32.66 0.08 0.00	79.17 1.07 0.00	51.38 -0.01 0.00	58.11 -0.05 0.00	45.69 -0.28 0.00	44.68 -0.12 0.00	38.87 -0.14 0.00	46.41 -0.21 0.00
GARDNVLA_35_KV_LD 355827	43.57 0.33 0.00	41.37 0.68 0.00	45.89 1.16 0.00	41.22 0.82 0.00	38.62 0.73 0.00	40.21 1.28 0.00	52.15 1.10 0.00	47.74 1.13 0.00	44.79 0.55 0.00	42.28 0.51 0.00	38.77 0.38 0.00	36.69 0.37 0.00	34.80 0.42 0.00	33.22 0.66 0.00	34.08 0.88 0.00	33.04 0.51 0.00	32.80 0.22 0.00	79.63 1.53 0.00	51.69 0.31 0.00	58.46 0.30 0.00	45.97 0.00 0.00	44.96 0.16 0.00	39.10 0.09 0.00	46.69 0.07 0.00
GELCKHM___115KV_LOAD 80723	42.90 -0.36 0.00	40.37 -0.32 0.00	44.49 -0.24 0.00	40.13 -0.27 0.00	37.63 -0.27 0.00	38.65 -0.29 0.00	50.67 -0.39 0.00	46.34 -0.27 0.00	43.88 -0.36 0.00	41.35 -0.42 0.00	37.91 -0.49 0.00	35.84 -0.48 0.00	33.96 -0.43 0.00	32.19 -0.38 0.00	32.83 -0.37 0.00	32.16 -0.37 0.00	32.22 -0.36 0.00	77.53 -0.58 0.00	51.04 -0.35 0.00	57.80 -0.35 0.00	45.68 -0.29 0.00	44.41 -0.39 0.00	38.64 -0.37 0.00	46.24 -0.38 0.00
GENERAL___MILLS 23808	43.48 0.23 0.00	41.29 0.60 0.00	45.80 1.07 0.00	41.15 0.75 0.00	38.55 0.65 0.00	40.12 1.19 0.00	52.02 0.97 0.00	47.60 0.98 0.00	44.66 0.41 0.00	42.16 0.39 0.00	38.67 0.27 0.00	36.58 0.26 0.00	34.71 0.32 0.00	33.13 0.57 0.00	33.99 0.79 0.00	32.95 0.42 0.00	32.71 0.13 0.00	79.37 1.27 0.00	51.52 0.13 0.00	58.27 0.12 0.00	45.82 -0.15 0.00	44.80 0.01 0.00	38.98 -0.03 0.00	46.56 -0.07 0.00
GE_PLASTICS___DRP 24183	43.10 -0.15 0.00	40.43 -0.26 0.00	44.42 -0.31 0.00	40.17 -0.23 0.00	37.78 -0.11 0.00	38.70 -0.23 0.00	51.05 0.00 0.00	46.60 -0.02 0.00	44.43 0.19 0.00	42.05 0.28 0.00	38.66 0.26 0.00	36.57 0.25 0.00	34.63 0.25 0.00	32.73 0.16 0.00	33.32 0.11 0.00	32.77 0.24 0.00	32.91 0.33 0.00	78.20 0.10 0.00	51.64 0.26 0.00	58.30 0.15 0.00	46.14 0.17 0.00	44.70 -0.09 0.00	38.85 -0.16 0.00	46.37 -0.25 0.00
GILBOA___1 23756	43.47 0.22 0.00	40.80 0.12 0.00	45.14 0.41 0.00	40.78 0.38 0.00	38.30 0.40 0.00	39.03 0.09 0.00	51.42 0.37 0.00	46.90 0.29 0.00	44.77 0.53 0.00	42.46 0.68 0.00	39.12 0.72 0.00	37.00 0.68 0.00	35.10 0.71 0.00	33.15 0.59 0.00	33.74 0.54 0.00	33.06 0.54 0.00	33.17 0.59 0.00	79.08 0.97 0.00	52.10 0.71 0.00	58.80 0.65 0.00	46.58 0.61 0.00	45.16 0.36 0.00	39.25 0.24 0.00	46.72 0.10 0.00
GILBOA___2 23757	43.47 0.22 0.00	40.80 0.12 0.00	45.14 0.41 0.00	40.78 0.38 0.00	38.30 0.40 0.00	39.03 0.09 0.00	51.42 0.37 0.00	46.90 0.29 0.00	44.77 0.53 0.00	42.46 0.68 0.00	39.12 0.72 0.00	37.00 0.68 0.00	35.10 0.71 0.00	33.15 0.59 0.00	33.74 0.54 0.00	33.06 0.54 0.00	33.17 0.59 0.00	79.08 0.97 0.00	52.10 0.71 0.00	58.80 0.65 0.00	46.58 0.61 0.00	45.16 0.36 0.00	39.25 0.24 0.00	46.72 0.10 0.00

GILBOA___3 23758	43.47 0.22 0.00	40.80 0.12 0.00	45.14 0.41 0.00	40.78 0.38 0.00	38.30 0.40 0.00	39.03 0.09 0.00	51.42 0.37 0.00	46.90 0.29 0.00	44.77 0.53 0.00	42.46 0.68 0.00	39.12 0.72 0.00	37.00 0.68 0.00	35.10 0.71 0.00	33.15 0.59 0.00	33.74 0.54 0.00	33.06 0.54 0.00	33.17 0.59 0.00	79.08 0.97 0.00	52.10 0.71 0.00	58.80 0.65 0.00	46.58 0.61 0.00	45.16 0.36 0.00	39.25 0.24 0.00	46.72 0.10 0.00
GILBOA___4 23759	43.47 0.22 0.00	40.80 0.12 0.00	45.14 0.41 0.00	40.78 0.38 0.00	38.30 0.40 0.00	39.03 0.09 0.00	51.42 0.37 0.00	46.90 0.29 0.00	44.77 0.53 0.00	42.46 0.68 0.00	39.12 0.72 0.00	37.00 0.68 0.00	35.10 0.71 0.00	33.15 0.59 0.00	33.74 0.54 0.00	33.06 0.54 0.00	33.17 0.59 0.00	79.08 0.97 0.00	52.10 0.71 0.00	58.80 0.65 0.00	46.58 0.61 0.00	45.16 0.36 0.00	39.25 0.24 0.00	46.72 0.10 0.00
GILBOA___ 23599	43.47 0.22 0.00	40.80 0.12 0.00	45.14 0.41 0.00	40.78 0.38 0.00	38.30 0.40 0.00	39.03 0.09 0.00	51.42 0.37 0.00	46.90 0.28 0.00	44.77 0.53 0.00	42.46 0.69 0.00	39.12 0.72 0.00	36.99 0.67 0.00	35.10 0.71 0.00	33.15 0.59 0.00	33.74 0.54 0.00	33.06 0.53 0.00	33.17 0.59 0.00	79.07 0.97 0.00	52.09 0.71 0.00	58.80 0.65 0.00	46.58 0.61 0.00	45.16 0.36 0.00	39.25 0.24 0.00	46.72 0.10 0.00
GINNA___ 23603	41.35 -1.90 0.00	39.05 -1.64 0.00	43.13 -1.61 0.00	38.87 -1.54 0.00	36.47 -1.43 0.00	37.73 -1.21 0.00	49.37 -1.68 0.00	45.17 -1.44 0.00	42.48 -1.76 0.00	39.90 -1.88 0.00	36.49 -1.90 0.00	34.47 -1.85 0.00	32.63 -1.75 0.00	31.03 -1.53 0.00	31.68 -1.52 0.00	30.93 -1.60 0.00	30.92 -1.67 0.00	75.10 -3.01 0.00	49.24 -2.15 0.00	55.74 -2.42 0.00	43.98 -1.99 0.00	42.87 -1.94 0.00	37.28 -1.73 0.00	44.57 -2.06 0.00
GLEN PARK___ 23778	43.04 -0.21 0.00	40.43 -0.26 0.00	44.01 -0.73 0.00	39.88 -0.53 0.00	37.42 -0.48 0.00	38.59 -0.35 0.00	51.01 -0.05 0.00	46.56 -0.06 0.00	42.97 -1.28 0.00	39.44 -2.33 0.00	36.34 -2.06 0.00	34.54 -1.78 0.00	32.53 -1.86 0.00	30.86 -1.71 0.00	31.47 -1.73 0.00	30.91 -1.62 0.00	31.05 -1.54 0.00	74.59 -3.51 0.00	51.26 -0.12 0.00	59.26 1.11 0.00	47.13 1.16 0.00	45.77 0.97 0.00	39.60 0.59 0.00	47.07 0.45 0.00
GLENDALE_27_KV_LOAD 356172	44.68 1.42 0.00	41.81 1.12 -0.01	45.83 1.09 0.00	41.34 0.94 0.00	38.86 0.96 0.00	39.93 1.00 0.00	52.76 1.70 0.00	48.50 1.89 0.00	46.95 2.38 -0.32	48.15 2.64 -3.74	47.95 2.81 -6.75	45.27 2.65 -6.29	41.32 2.36 -4.57	39.36 2.10 -4.70	39.26 2.00 -4.06	39.38 2.17 -4.68	39.53 2.18 -4.77	82.65 4.27 -0.28	54.12 2.73 0.00	61.20 3.05 0.00	48.37 2.40 0.00	46.77 1.97 0.00	40.52 1.51 0.00	47.86 1.23 0.00
GLENWOOD_IC_1_G5 23712	53.15 1.51 -8.40	49.78 1.22 -7.87	46.90 1.23 -0.94	42.03 0.96 -0.66	42.94 0.97 -4.08	43.93 1.02 -3.97	60.99 1.82 -8.11	48.98 1.72 -0.65	59.01 2.21 -12.56	55.04 2.49 -10.78	56.09 2.54 -15.16	61.40 2.51 -22.57	39.74 2.24 -3.12	36.62 1.93 -2.13	37.69 1.77 -2.72	39.60 2.09 -4.99	39.34 2.02 -4.74	87.26 3.68 -5.47	69.48 2.42 -15.68	73.40 2.78 -12.47	60.34 2.11 -12.26	54.97 1.81 -8.37	53.27 1.37 -12.90	47.71 1.08 -0.01
GLENWOOD_IC_2_G1 23688	44.73 1.26 -0.22	41.86 0.99 -0.18	45.68 0.93 -0.02	41.15 0.74 0.00	38.68 0.78 0.00	39.76 0.83 0.00	52.78 1.52 -0.20	48.10 1.48 0.00	46.58 1.95 -0.39	44.42 2.23 -0.41	41.23 2.34 -0.49	39.28 2.27 -0.68	36.42 2.01 -0.03	34.31 1.75 0.00	34.79 1.59 0.00	34.44 1.86 -0.05	34.44 1.83 -0.03	81.42 3.32 0.00	53.96 2.17 -0.40	60.95 2.46 -0.34	48.21 1.90 -0.33	46.59 1.56 -0.23	40.46 1.17 -0.28	47.50 0.87 0.00
GLENWOOD_IC_3_G1 23689	44.73 1.26 -0.22	41.86 0.99 -0.18	45.68 0.93 -0.02	41.15 0.74 0.00	38.68 0.78 0.00	39.76 0.83 0.00	52.78 1.52 -0.20	48.10 1.48 0.00	46.58 1.95 -0.39	44.42 2.23 -0.41	41.23 2.34 -0.49	39.28 2.27 -0.68	36.42 2.01 -0.03	34.31 1.75 0.00	34.79 1.59 0.00	34.44 1.86 -0.05	34.44 1.83 -0.03	81.42 3.32 0.00	53.96 2.17 -0.40	60.95 2.46 -0.34	48.21 1.90 -0.33	46.59 1.56 -0.23	40.46 1.17 -0.28	47.50 0.87 0.00
GLENWOOD___4 23550	53.15 1.51 -8.40	49.78 1.22 -7.87	46.90 1.23 -0.94	42.03 0.96 -0.66	42.94 0.97 -4.08	43.93 1.02 -3.97	60.99 1.82 -8.11	48.98 1.72 -0.65	59.01 2.21 -12.56	55.04 2.49 -10.78	56.09 2.54 -15.16	61.40 2.51 -22.57	39.74 2.24 -3.12	36.62 1.93 -2.13	37.69 1.77 -2.72	39.60 2.09 -4.99	39.34 2.02 -4.74	87.26 3.68 -5.47	69.48 2.42 -15.68	73.40 2.78 -12.47	60.34 2.11 -12.26	54.97 1.81 -8.37	53.27 1.37 -12.90	47.71 1.08 -0.01
GLENWOOD___5 23614	53.15 1.51 -8.40	49.78 1.22 -7.87	46.90 1.23 -0.94	42.03 0.96 -0.66	42.94 0.97 -4.08	43.93 1.02 -3.97	60.99 1.82 -8.11	48.98 1.72 -0.65	59.01 2.21 -12.56	55.04 2.49 -10.78	56.09 2.54 -15.16	61.40 2.51 -22.57	39.74 2.24 -3.12	36.62 1.93 -2.13	37.69 1.77 -2.72	39.60 2.09 -4.99	39.34 2.02 -4.74	87.26 3.68 -5.47	69.48 2.42 -15.68	73.40 2.78 -12.47	60.34 2.11 -12.26	54.97 1.81 -8.37	53.27 1.37 -12.90	47.71 1.08 -0.01
GLOBAL GREEN_PORT_GT1 23814	46.55 1.97 -1.33	42.99 1.63 -0.67	46.20 1.49 0.02	40.53 0.46 0.33	35.70 -0.11 2.09	37.23 0.33 2.04	54.07 2.06 -0.95	48.38 2.12 0.36	50.36 2.63 -3.48	49.89 3.05 -5.06	45.96 2.74 -4.82	45.00 2.91 -5.77	35.62 2.18 0.95	33.03 1.47 1.01	32.83 1.03 1.40	33.04 1.78 1.27	32.09 1.10 1.60	75.75 0.52 2.86	53.97 0.77 -1.82	62.45 2.07 -2.22	50.08 2.20 -1.91	48.37 2.07 -1.50	40.90 1.46 -0.43	47.78 1.16 0.00
GLOBE___DSASP 323697	42.40 -0.84 0.00	40.32 -0.37 0.00	44.74 0.01 0.00	40.20 -0.20 0.00	37.65 -0.24 0.00	39.20 0.27 0.00	50.49 -0.56 0.00	46.01 -0.61 0.00	43.07 -1.17 0.00	40.88 -0.89 0.00	37.50 -0.90 0.00	35.55 -0.77 0.00	33.72 -0.67 0.00	32.22 -0.34 0.00	33.05 -0.15 0.00	32.01 -0.52 0.00	31.74 -0.85 0.00	76.98 -1.12 0.00	49.57 -1.82 0.00	56.09 -2.07 0.00	44.13 -1.84 0.00	43.32 -1.48 0.00	37.98 -1.03 0.00	45.56 -1.07 0.00
GOETHSLN___LBMP 323567	44.12 0.87 0.00	41.28 0.59 0.00	45.28 0.54 0.00	40.84 0.44 0.00	38.39 0.49 0.00	39.46 0.52 0.00	52.11 1.05 0.00	47.78 1.17 0.00	45.94 1.70 0.00	43.80 2.02 0.00	40.69 2.30 0.00	38.47 2.14 0.00	36.26 1.87 0.00	34.20 1.64 0.00	34.73 1.53 0.00	34.23 1.71 0.00	34.30 1.72 0.00	81.29 3.19 0.00	53.39 2.00 0.00	60.37 2.22 0.00	47.73 1.76 0.00	46.14 1.34 0.00	40.02 1.01 0.00	47.26 0.64 0.00
GOLAH___69_KV_TB 1_2 80279	43.62 0.37 0.00	41.34 0.65 0.00	45.79 1.06 0.00	41.26 0.86 0.00	38.67 0.77 0.00	40.12 1.18 0.00	52.53 1.48 0.00	48.07 1.45 0.00	44.97 0.73 0.00	42.12 0.34 0.00	38.42 0.02 0.00	36.24 -0.09 0.00	34.26 -0.13 0.00	32.63 0.06 0.00	33.38 0.18 0.00	32.47 -0.06 0.00	32.38 -0.20 0.00	78.85 0.74 0.00	51.61 0.23 0.00	58.55 0.40 0.00	46.17 0.20 0.00	45.09 0.29 0.00	39.20 0.19 0.00	46.86 0.23 0.00

GOODYEAR_LAKE_HYD 323669	44.48 1.22 0.00	41.77 1.09 0.00	46.10 1.36 0.00	41.64 1.23 0.00	39.11 1.22 0.00	40.15 1.21 0.00	52.86 1.81 0.00	48.35 1.73 0.00	45.90 1.66 0.00	43.30 1.53 0.00	39.76 1.36 0.00	37.56 1.24 0.00	35.44 1.06 0.00	33.32 0.76 0.00	33.93 0.72 0.00	33.30 0.77 0.00	33.51 0.93 0.00	81.46 3.35 0.00	53.67 2.29 0.00	60.78 2.63 0.00	48.10 2.13 0.00	46.67 1.87 0.00	40.53 1.52 0.00	48.19 1.57 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	43.32 0.07 0.00	40.76 0.07 0.00	45.00 0.27 0.00	40.55 0.15 0.00	38.04 0.14 0.00	39.13 0.19 0.00	51.29 0.24 0.00	47.00 0.38 0.00	44.65 0.41 0.00	42.19 0.41 0.00	38.75 0.35 0.00	36.62 0.30 0.00	34.69 0.31 0.00	32.89 0.33 0.00	33.67 0.47 0.00	32.93 0.40 0.00	32.98 0.40 0.00	79.42 1.32 0.00	52.06 0.67 0.00	58.91 0.76 0.00	46.45 0.48 0.00	45.12 0.32 0.00	39.18 0.17 0.00	46.59 -0.03 0.00
GOUDEY___7 23579	43.32 0.07 0.00	40.76 0.07 0.00	45.00 0.27 0.00	40.55 0.15 0.00	38.04 0.14 0.00	39.13 0.19 0.00	51.29 0.24 0.00	47.00 0.38 0.00	44.65 0.41 0.00	42.19 0.41 0.00	38.75 0.35 0.00	36.62 0.30 0.00	34.69 0.31 0.00	32.89 0.33 0.00	33.67 0.47 0.00	32.93 0.40 0.00	32.98 0.40 0.00	79.42 1.32 0.00	52.06 0.67 0.00	58.91 0.76 0.00	46.45 0.48 0.00	45.12 0.32 0.00	39.18 0.17 0.00	46.59 -0.03 0.00
GOUDEY___8 23580	43.32 0.07 0.00	40.76 0.07 0.00	45.00 0.27 0.00	40.55 0.15 0.00	38.04 0.14 0.00	39.13 0.19 0.00	51.29 0.24 0.00	47.00 0.38 0.00	44.65 0.41 0.00	42.19 0.41 0.00	38.75 0.35 0.00	36.62 0.30 0.00	34.69 0.31 0.00	32.89 0.33 0.00	33.67 0.47 0.00	32.93 0.40 0.00	32.98 0.40 0.00	79.42 1.32 0.00	52.06 0.67 0.00	58.91 0.76 0.00	46.45 0.48 0.00	45.12 0.32 0.00	39.18 0.17 0.00	46.59 -0.03 0.00
GOWANUS_GT1_1 24077	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.00 1.13 -13.93	58.65 1.84 -5.76	55.57 2.00 -6.96	57.07 2.47 -10.36	56.67 2.72 -12.17	61.69 2.88 -20.41	60.47 2.72 -21.43	56.76 2.43 -19.94	56.49 2.16 -21.77	56.98 2.06 -21.72	57.43 2.22 -22.68	57.89 2.23 -23.07	93.10 4.40 -10.59	64.29 2.83 -10.07	89.35 3.16 -28.03	83.49 2.51 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT1_2 24078	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.00 1.13 -13.93	58.65 1.84 -5.76	55.57 2.00 -6.96	57.07 2.47 -10.36	56.67 2.72 -12.17	61.69 2.88 -20.41	60.47 2.72 -21.43	56.76 2.43 -19.94	56.49 2.16 -21.77	56.98 2.06 -21.72	57.43 2.22 -22.68	57.89 2.23 -23.07	93.10 4.40 -10.59	64.29 2.83 -10.07	89.35 3.16 -28.03	83.49 2.51 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT1_3 24079	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.00 1.13 -13.93	58.65 1.84 -5.76	55.57 2.00 -6.96	57.07 2.47 -10.36	56.67 2.72 -12.17	61.69 2.88 -20.41	60.47 2.72 -21.43	56.76 2.43 -19.94	56.49 2.16 -21.77	56.98 2.06 -21.72	57.43 2.22 -22.68	57.89 2.23 -23.07	93.10 4.40 -10.59	64.29 2.83 -10.07	89.35 3.16 -28.03	83.49 2.51 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT1_4 24080	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.00 1.13 -13.93	58.65 1.84 -5.76	55.57 2.00 -6.96	57.07 2.47 -10.36	56.67 2.72 -12.17	61.69 2.88 -20.41	60.47 2.72 -21.43	56.76 2.43 -19.94	56.49 2.16 -21.77	56.98 2.06 -21.72	57.43 2.22 -22.68	57.89 2.23 -23.07	93.10 4.40 -10.59	64.29 2.83 -10.07	89.35 3.16 -28.03	83.49 2.51 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT1_5 24084	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.00 1.13 -13.93	58.65 1.84 -5.76	55.57 2.00 -6.96	57.07 2.47 -10.36	56.67 2.72 -12.17	61.69 2.88 -20.41	60.47 2.72 -21.43	56.76 2.43 -19.94	56.49 2.16 -21.77	56.98 2.06 -21.72	57.43 2.22 -22.68	57.89 2.23 -23.07	93.10 4.40 -10.59	64.29 2.83 -10.07	89.35 3.16 -28.03	83.49 2.51 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT1_6 24111	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.00 1.13 -13.93	58.65 1.84 -5.76	55.57 2.00 -6.96	57.07 2.47 -10.36	56.67 2.72 -12.17	61.69 2.88 -20.41	60.47 2.72 -21.43	56.76 2.43 -19.94	56.49 2.16 -21.77	56.98 2.06 -21.72	57.43 2.22 -22.68	57.89 2.23 -23.07	93.10 4.40 -10.59	64.29 2.83 -10.07	89.35 3.16 -28.03	83.49 2.51 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT1_7 24112	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.00 1.13 -13.93	58.65 1.84 -5.76	55.57 2.00 -6.96	57.07 2.47 -10.36	56.67 2.72 -12.17	61.69 2.88 -20.41	60.47 2.72 -21.43	56.76 2.43 -19.94	56.49 2.16 -21.77	56.98 2.06 -21.72	57.43 2.22 -22.68	57.89 2.23 -23.07	93.10 4.40 -10.59	64.29 2.83 -10.07	89.35 3.16 -28.03	83.49 2.51 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT1_8 24113	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.00 1.13 -13.93	58.65 1.84 -5.76	55.57 2.00 -6.96	57.07 2.47 -10.36	56.67 2.72 -12.17	61.69 2.88 -20.41	60.47 2.72 -21.43	56.76 2.43 -19.94	56.49 2.16 -21.77	56.98 2.06 -21.72	57.43 2.22 -22.68	57.89 2.23 -23.07	93.10 4.40 -10.59	64.29 2.83 -10.07	89.35 3.16 -28.03	83.49 2.51 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT2_1 24114	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT2_2 24115	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT2_3 24116	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73

GOWANUS_GT2_4 24117	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT2_5 24118	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT2_6 24119	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT2_7 24120	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT2_8 24121	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT3_1 24122	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT3_2 24123	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT3_3 24124	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT3_4 24125	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT3_5 24126	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT3_6 24127	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT3_7 24128	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT3_8 24129	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT4_1 24130	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.00 1.13 -13.93	58.65 1.84 -5.76	55.57 2.00 -6.96	57.07 2.47 -10.36	56.67 2.72 -12.17	61.69 2.88 -20.41	60.47 2.72 -21.43	56.76 2.43 -19.94	56.49 2.16 -21.77	56.98 2.06 -21.72	57.43 2.22 -22.68	57.89 2.23 -23.07	93.10 4.40 -10.59	64.29 2.83 -10.07	89.35 3.16 -28.03	83.49 2.51 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT4_2 24131	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.00 1.13 -13.93	58.65 1.84 -5.76	55.57 2.00 -6.96	57.07 2.47 -10.36	56.67 2.72 -12.17	61.69 2.88 -20.41	60.47 2.72 -21.43	56.76 2.43 -19.94	56.49 2.16 -21.77	56.98 2.06 -21.72	57.43 2.22 -22.68	57.89 2.23 -23.07	93.10 4.40 -10.59	64.29 2.83 -10.07	89.35 3.16 -28.03	83.49 2.51 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73

GOWANUS_GT4_3 24132	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.00 1.13 -13.93	58.65 1.84 -5.76	55.57 2.00 -6.96	57.07 2.47 -10.36	56.67 2.72 -12.17	61.69 2.88 -20.41	60.47 2.72 -21.43	56.76 2.43 -19.94	56.49 2.16 -21.77	56.98 2.06 -21.72	57.43 2.22 -22.68	57.89 2.23 -23.07	93.10 4.40 -10.59	64.29 2.83 -10.07	89.35 3.16 -28.03	83.49 2.51 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT4_4 24133	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.00 1.13 -13.93	58.65 1.84 -5.76	55.57 2.00 -6.96	57.07 2.47 -10.36	56.67 2.72 -12.17	61.69 2.88 -20.41	60.47 2.72 -21.43	56.76 2.43 -19.94	56.49 2.16 -21.77	56.98 2.06 -21.72	57.43 2.22 -22.68	57.89 2.23 -23.07	93.10 4.40 -10.59	64.29 2.83 -10.07	89.35 3.16 -28.03	83.49 2.51 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT4_5 24134	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.00 1.13 -13.93	58.65 1.84 -5.76	55.57 2.00 -6.96	57.07 2.47 -10.36	56.67 2.72 -12.17	61.69 2.88 -20.41	60.47 2.72 -21.43	56.76 2.43 -19.94	56.49 2.16 -21.77	56.98 2.06 -21.72	57.43 2.22 -22.68	57.89 2.23 -23.07	93.10 4.40 -10.59	64.29 2.83 -10.07	89.35 3.16 -28.03	83.49 2.51 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT4_6 24135	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.00 1.13 -13.93	58.65 1.84 -5.76	55.57 2.00 -6.96	57.07 2.47 -10.36	56.67 2.72 -12.17	61.69 2.88 -20.41	60.47 2.72 -21.43	56.76 2.43 -19.94	56.49 2.16 -21.77	56.98 2.06 -21.72	57.43 2.22 -22.68	57.89 2.23 -23.07	93.10 4.40 -10.59	64.29 2.83 -10.07	89.35 3.16 -28.03	83.49 2.51 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT4_7 24136	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.00 1.13 -13.93	58.65 1.84 -5.76	55.57 2.00 -6.96	57.07 2.47 -10.36	56.67 2.72 -12.17	61.69 2.88 -20.41	60.47 2.72 -21.43	56.76 2.43 -19.94	56.49 2.16 -21.77	56.98 2.06 -21.72	57.43 2.22 -22.68	57.89 2.23 -23.07	93.10 4.40 -10.59	64.29 2.83 -10.07	89.35 3.16 -28.03	83.49 2.51 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GOWANUS_GT4_8 24137	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.00 1.13 -13.93	58.65 1.84 -5.76	55.57 2.00 -6.96	57.07 2.47 -10.36	56.67 2.72 -12.17	61.69 2.88 -20.41	60.47 2.72 -21.43	56.76 2.43 -19.94	56.49 2.16 -21.77	56.98 2.06 -21.72	57.43 2.22 -22.68	57.89 2.23 -23.07	93.10 4.40 -10.59	64.29 2.83 -10.07	89.35 3.16 -28.03	83.49 2.51 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GREENBSH_115KV_TB3 55895	42.80 -0.45 0.00	40.13 -0.55 0.00	44.05 -0.69 0.00	39.85 -0.56 0.00	37.52 -0.38 0.00	38.45 -0.49 0.00	50.72 -0.33 0.00	46.31 -0.30 0.00	44.14 -0.10 0.00	41.77 -0.01 0.00	38.38 -0.02 0.00	36.30 -0.02 0.00	34.41 0.03 0.00	32.51 -0.06 0.00	33.09 -0.11 0.00	32.58 0.05 0.00	32.72 0.14 0.00	77.60 -0.51 0.00	51.30 -0.08 0.00	57.85 -0.30 0.00	45.81 -0.16 0.00	44.38 -0.42 0.00	38.56 -0.45 0.00	46.07 -0.55 0.00
GREENIDGE_115KV_TB5 80291	43.24 -0.01 0.00	40.84 0.15 0.00	45.23 0.49 0.00	40.78 0.37 0.00	38.28 0.38 0.00	39.59 0.65 0.00	51.75 0.70 0.00	47.58 0.96 0.00	44.80 0.55 0.00	41.99 0.22 0.00	38.32 -0.07 0.00	36.11 -0.21 0.00	34.17 -0.21 0.00	32.45 -0.12 0.00	33.26 0.06 0.00	32.44 -0.09 0.00	32.49 -0.09 0.00	78.89 0.78 0.00	51.94 0.55 0.00	58.97 0.82 0.00	46.58 0.62 0.00	45.26 0.47 0.00	39.32 0.31 0.00	46.65 0.03 0.00
GREENIDGE___3 23582	43.24 -0.01 0.00	40.84 0.15 0.00	45.23 0.49 0.00	40.78 0.37 0.00	38.28 0.38 0.00	39.59 0.65 0.00	51.75 0.70 0.00	47.58 0.96 0.00	44.80 0.55 0.00	41.99 0.22 0.00	38.32 -0.07 0.00	36.11 -0.21 0.00	34.17 -0.21 0.00	32.45 -0.12 0.00	33.26 0.06 0.00	32.44 -0.09 0.00	32.49 -0.09 0.00	78.89 0.78 0.00	51.94 0.55 0.00	58.97 0.82 0.00	46.58 0.62 0.00	45.26 0.47 0.00	39.32 0.31 0.00	46.65 0.03 0.00
GREENIDGE___4 23583	43.24 -0.01 0.00	40.84 0.15 0.00	45.22 0.48 0.00	40.78 0.37 0.00	38.28 0.38 0.00	39.59 0.65 0.00	51.73 0.68 0.00	47.58 0.97 0.00	44.81 0.57 0.00	42.00 0.22 0.00	38.32 -0.07 0.00	36.11 -0.21 0.00	34.18 -0.21 0.00	32.44 -0.12 0.00	33.26 0.06 0.00	32.44 -0.09 0.00	32.48 -0.10 0.00	78.86 0.76 0.00	51.93 0.55 0.00	58.93 0.78 0.00	46.58 0.61 0.00	45.28 0.48 0.00	39.32 0.31 0.00	46.65 0.03 0.00
GREENLWN_69_KV_BK 3 55738	46.55 1.51 -1.79	43.12 1.28 -1.16	46.02 1.24 -0.04	41.03 0.89 0.26	37.08 0.80 1.62	38.26 0.90 1.58	54.28 1.80 -1.43	47.79 1.46 0.28	50.27 1.99 -4.04	49.52 2.40 -5.35	46.23 2.41 -5.43	45.69 2.56 -6.81	35.96 2.22 0.65	33.66 1.86 0.77	33.68 1.56 1.08	33.77 2.05 0.81	33.32 1.87 1.12	78.69 2.83 2.23	55.96 1.87 -2.71	63.29 2.26 -2.88	50.22 1.69 -2.56	48.24 1.50 -1.94	41.35 1.07 -1.27	47.37 0.74 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.00 1.13 -13.93	58.65 1.84 -5.76	55.57 2.00 -6.96	57.07 2.47 -10.36	56.67 2.72 -12.17	61.69 2.88 -20.41	60.47 2.72 -21.43	56.76 2.43 -19.94	56.49 2.16 -21.77	56.98 2.06 -21.72	57.43 2.22 -22.68	57.89 2.23 -23.07	93.10 4.40 -10.59	64.29 2.83 -10.07	89.35 3.16 -28.03	83.49 2.51 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
GRISSOM___SOLAR 323813	44.92 1.68 0.00	42.18 1.49 0.00	46.40 1.66 0.00	42.03 1.62 0.00	39.57 1.67 0.00	40.75 1.81 0.00	53.84 2.78 0.00	49.09 2.48 0.00	45.99 1.74 0.00	42.59 0.82 0.00	38.35 -0.05 0.00	36.00 -0.32 0.00	33.92 -0.47 0.00	31.63 -0.93 0.00	32.14 -1.06 0.00	31.71 -0.81 0.00	31.97 -0.62 0.00	79.19 1.09 0.00	53.73 2.35 0.00	61.47 3.31 0.00	48.69 2.72 0.00	47.22 2.42 0.00	41.05 2.03 0.00	48.90 2.28 0.00
GROVEVILLE___HYD 323602	44.46 1.20 0.00	41.60 0.91 0.00	45.67 0.94 0.00	41.21 0.80 0.00	38.73 0.83 0.00	39.78 0.84 0.00	52.59 1.53 0.00	48.17 1.56 0.00	46.15 1.91 0.00	43.84 2.07 0.00	40.54 2.14 0.00	38.27 1.94 0.00	36.07 1.68 0.00	34.02 1.45 0.00	34.59 1.39 0.00	34.11 1.58 0.00	34.26 1.67 0.00	81.50 3.40 0.00	53.71 2.33 0.00	60.72 2.57 0.00	47.98 2.01 0.00	46.43 1.63 0.00	40.27 1.26 0.00	47.67 1.05 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	43.16 -0.09 0.00	40.63 -0.06 0.00	44.76 0.03 0.00	40.40 -0.01 0.00	37.87 -0.02 0.00	38.90 -0.04 0.00	51.04 -0.02 0.00	46.70 0.08 0.00	44.21 -0.04 0.00	41.64 -0.14 0.00	38.15 -0.25 0.00	36.05 -0.28 0.00	34.16 -0.23 0.00	32.37 -0.19 0.00	33.02 -0.18 0.00	32.35 -0.18 0.00	32.42 -0.16 0.00	78.11 0.01 0.00	51.41 0.03 0.00	58.26 0.11 0.00	46.04 0.06 0.00	44.74 -0.06 0.00	38.91 -0.10 0.00	46.54 -0.09 0.00

HAMLTNNY_34_KV_TB 80303	43.24 -0.01 0.00	40.74 0.05 0.00	44.87 0.14 0.00	40.51 0.10 0.00	37.99 0.10 0.00	39.02 0.08 0.00	51.18 0.13 0.00	46.88 0.26 0.00	44.34 0.09 0.00	41.72 -0.06 0.00	38.16 -0.24 0.00	36.01 -0.32 0.00	34.12 -0.27 0.00	32.34 -0.23 0.00	33.00 -0.20 0.00	32.31 -0.22 0.00	32.40 -0.19 0.00	78.08 -0.02 0.00	51.48 0.09 0.00	58.44 0.28 0.00	46.16 0.19 0.00	44.83 0.03 0.00	38.99 -0.02 0.00	46.63 0.01 0.00
HAMPSHIRE___PAPER_HYD 323593	42.70 -0.55 0.00	40.23 -0.46 0.00	43.90 -0.84 0.00	39.72 -0.68 0.00	37.25 -0.65 0.00	38.45 -0.49 0.00	50.57 -0.48 0.00	46.07 -0.54 0.00	43.04 -1.21 0.00	40.04 -1.73 0.00	36.83 -1.56 0.00	34.93 -1.39 0.00	32.94 -1.45 0.00	31.22 -1.34 0.00	31.86 -1.35 0.00	31.18 -1.35 0.00	31.24 -1.35 0.00	75.49 -2.62 0.00	50.53 -0.85 0.00	57.84 -0.31 0.00	45.83 -0.14 0.00	44.69 -0.11 0.00	38.90 -0.11 0.00	46.44 -0.19 0.00
HARDSCRABBLE_WT_PWR 323673	41.43 -1.82 0.00	38.85 -1.84 0.00	42.63 -2.10 0.00	38.67 -1.74 0.00	36.47 -1.43 0.00	37.40 -1.54 0.00	49.69 -1.36 0.00	45.20 -1.41 0.00	42.88 -1.36 0.00	39.75 -2.02 0.00	36.11 -2.29 0.00	34.15 -2.17 0.00	32.37 -2.01 0.00	32.13 -0.43 0.00	32.66 -0.54 0.00	32.17 -0.36 0.00	31.72 -0.86 0.00	74.04 -4.07 0.00	49.91 -1.48 0.00	56.68 -1.47 0.00	44.92 -1.05 0.00	43.38 -1.42 0.00	37.71 -1.31 0.00	44.83 -1.80 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	44.16 0.91 0.00	41.34 0.65 0.00	45.39 0.66 0.00	40.95 0.55 0.00	38.45 0.56 0.00	39.53 0.59 0.00	52.19 1.14 0.00	47.78 1.17 0.00	45.80 1.56 0.00	43.56 1.79 0.00	40.32 1.92 0.00	38.08 1.76 0.00	35.87 1.48 0.00	33.84 1.28 0.00	34.37 1.17 0.00	33.93 1.40 0.00	34.07 1.49 0.00	81.08 2.98 0.00	53.38 1.99 0.00	60.41 2.25 0.00	47.71 1.74 0.00	46.17 1.37 0.00	40.04 1.03 0.00	47.37 0.75 0.00
HARSNRAD_115KV_TB1 81005	42.90 -0.35 0.00	40.78 0.10 0.00	45.27 0.54 0.00	40.69 0.29 0.00	38.12 0.22 0.00	39.69 0.76 0.00	51.37 0.31 0.00	46.72 0.10 0.00	43.66 -0.59 0.00	41.21 -0.56 0.00	37.77 -0.63 0.00	35.80 -0.52 0.00	33.94 -0.45 0.00	32.44 -0.12 0.00	33.30 0.10 0.00	32.19 -0.33 0.00	31.93 -0.65 0.00	77.45 -0.65 0.00	50.31 -1.08 0.00	56.96 -1.19 0.00	44.83 -1.14 0.00	43.99 -0.81 0.00	38.35 -0.66 0.00	45.93 -0.69 0.00
HARZA MOOSE___RIVER 24016	43.45 0.20 0.00	40.82 0.14 0.00	44.60 -0.14 0.00	40.34 -0.06 0.00	37.83 -0.07 0.00	38.98 0.04 0.00	51.38 0.33 0.00	46.91 0.29 0.00	44.07 -0.17 0.00	41.11 -0.66 0.00	37.80 -0.60 0.00	35.83 -0.49 0.00	33.78 -0.60 0.00	32.07 -0.50 0.00	32.73 -0.47 0.00	32.10 -0.43 0.00	32.23 -0.35 0.00	77.82 -0.28 0.00	52.10 0.72 0.00	59.31 1.16 0.00	46.99 1.03 0.00	45.66 0.86 0.00	39.62 0.61 0.00	47.19 0.56 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	42.94 -0.31 0.00	40.40 -0.29 0.00	44.52 -0.22 0.00	40.15 -0.25 0.00	37.65 -0.24 0.00	38.69 -0.25 0.00	50.72 -0.34 0.00	46.39 -0.22 0.00	43.96 -0.29 0.00	41.42 -0.35 0.00	37.98 -0.41 0.00	35.92 -0.41 0.00	34.02 -0.37 0.00	32.24 -0.32 0.00	32.90 -0.30 0.00	32.21 -0.32 0.00	32.29 -0.30 0.00	77.70 -0.40 0.00	51.11 -0.28 0.00	57.86 -0.29 0.00	45.71 -0.25 0.00	44.47 -0.33 0.00	38.67 -0.34 0.00	46.27 -0.35 0.00
HELLGATE_13_KV_LD 55870	44.50 1.24 0.00	41.65 0.96 -0.01	45.64 0.91 0.00	41.19 0.78 0.00	38.72 0.82 0.00	39.78 0.84 0.00	52.52 1.46 0.00	48.28 1.66 0.00	46.70 2.14 -0.32	47.91 2.40 -3.74	47.74 2.60 -6.74	45.07 2.46 -6.29	41.12 2.18 -4.56	39.18 1.93 -4.69	39.08 1.82 -4.05	39.19 1.99 -4.67	39.35 2.00 -4.77	82.19 3.81 -0.28	53.82 2.44 0.00	60.87 2.72 0.00	48.12 2.15 0.00	46.52 1.73 0.00	40.33 1.31 0.00	47.64 1.02 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	44.50 1.24 0.00	41.65 0.96 -0.01	45.64 0.91 0.00	41.19 0.78 0.00	38.72 0.82 0.00	39.78 0.84 0.00	52.52 1.46 0.00	48.28 1.66 0.00	46.70 2.14 -0.32	47.91 2.40 -3.74	47.74 2.60 -6.74	45.07 2.46 -6.29	41.12 2.18 -4.56	39.18 1.93 -4.69	39.08 1.82 -4.05	39.19 1.99 -4.67	39.35 2.00 -4.77	82.19 3.81 -0.28	53.82 2.44 0.00	60.87 2.72 0.00	48.12 2.15 0.00	46.52 1.73 0.00	40.33 1.31 0.00	47.64 1.02 0.00
HEMPSTEAD____ 23647	53.30 1.48 -8.58	50.16 1.22 -8.25	46.88 1.12 -1.02	42.07 0.83 -0.84	43.97 0.87 -5.20	44.95 0.96 -5.06	61.12 1.76 -8.31	49.00 1.61 -0.77	58.52 2.12 -12.16	53.93 2.43 -9.73	55.15 2.43 -14.32	60.81 2.48 -22.01	40.31 2.20 -3.73	37.12 1.87 -2.68	38.32 1.66 -3.47	40.45 2.05 -5.87	40.23 1.93 -5.72	88.24 3.28 -6.86	69.21 2.16 -15.67	73.19 2.57 -12.46	60.14 1.93 -12.25	54.82 1.67 -8.36	53.77 1.23 -13.52	47.52 0.89 -0.01
HEWLETT_69_KV_BK3 55828	72.69 1.84 -27.60	71.38 1.56 -29.14	50.39 1.56 -4.09	46.30 1.20 -4.69	68.20 1.17 -29.14	68.56 1.27 -28.36	82.65 2.14 -29.46	53.76 1.85 -5.29	80.17 2.29 -33.63	60.89 2.68 -16.44	79.13 2.65 -38.08	102.53 2.70 -63.51	55.39 2.47 -18.53	49.41 2.13 -14.72	54.55 1.92 -19.43	63.07 2.32 -28.22	63.78 2.17 -29.03	122.30 3.67 -40.52	113.37 2.50 -59.49	99.62 2.87 -38.60	85.52 2.18 -37.37	71.95 1.96 -25.19	89.30 1.51 -48.78	47.87 1.21 -0.03
HICKLING___1 23621	43.15 -0.10 0.00	40.77 0.09 0.00	45.23 0.50 0.00	40.70 0.29 0.00	38.17 0.28 0.00	39.47 0.54 0.00	51.68 0.63 0.00	47.38 0.77 0.00	44.83 0.59 0.00	42.22 0.45 0.00	38.71 0.31 0.00	36.55 0.22 0.00	34.60 0.22 0.00	32.89 0.32 0.00	33.83 0.63 0.00	32.98 0.46 0.00	33.02 0.43 0.00	80.23 2.12 0.00	52.36 0.98 0.00	59.28 1.13 0.00	46.58 0.61 0.00	45.27 0.47 0.00	39.23 0.21 0.00	46.42 -0.20 0.00
HICKLING___2 23622	43.15 -0.10 0.00	40.77 0.09 0.00	45.23 0.50 0.00	40.70 0.29 0.00	38.17 0.28 0.00	39.47 0.54 0.00	51.68 0.63 0.00	47.38 0.77 0.00	44.83 0.59 0.00	42.22 0.45 0.00	38.71 0.31 0.00	36.55 0.22 0.00	34.60 0.22 0.00	32.89 0.32 0.00	33.83 0.63 0.00	32.98 0.46 0.00	33.02 0.43 0.00	80.23 2.12 0.00	52.36 0.98 0.00	59.28 1.13 0.00	46.58 0.61 0.00	45.27 0.47 0.00	39.23 0.21 0.00	46.42 -0.20 0.00
HIGH FALLS___HY 23754	44.66 1.41 0.00	41.79 1.10 0.00	45.94 1.21 0.00	41.45 1.05 0.00	38.95 1.06 0.00	40.01 1.07 0.00	52.86 1.81 0.00	48.46 1.84 0.00	46.41 2.17 0.00	44.07 2.30 0.00	40.86 2.47 0.00	38.33 2.01 0.00	36.08 1.70 0.00	34.00 1.43 0.00	34.54 1.34 0.00	34.03 1.50 0.00	34.26 1.68 0.00	81.73 3.63 0.00	53.90 2.51 0.00	61.08 2.93 0.00	48.25 2.29 0.00	46.69 1.89 0.00	40.50 1.49 0.00	47.85 1.23 0.00
HIGH_RIVER___SOLAR 323847	44.37 1.12 0.00	41.66 0.97 0.00	45.80 1.07 0.00	41.38 0.98 0.00	38.87 0.97 0.00	39.94 1.01 0.00	52.67 1.62 0.00	48.03 1.42 0.00	45.35 1.11 0.00	42.30 0.52 0.00	38.40 0.00 0.00	36.19 -0.13 0.00	34.17 -0.22 0.00	32.12 -0.44 0.00	32.68 -0.53 0.00	32.16 -0.37 0.00	32.38 -0.20 0.00	78.93 0.83 0.00	52.81 1.43 0.00	60.10 1.95 0.00	47.60 1.64 0.00	46.18 1.38 0.00	40.15 1.14 0.00	47.85 1.23 0.00

HILLBURN___GT 23639	44.03 0.78 0.00	41.19 0.50 0.00	45.24 0.51 0.00	40.82 0.41 0.00	38.32 0.43 0.00	39.41 0.47 0.00	52.04 0.99 0.00	47.65 1.04 0.00	45.73 1.48 0.00	43.52 1.75 0.00	40.33 1.94 0.00	38.09 1.77 0.00	35.90 1.51 0.00	33.85 1.29 0.00	34.35 1.15 0.00	33.91 1.38 0.00	34.03 1.44 0.00	80.85 2.75 0.00	53.21 1.82 0.00	60.22 2.06 0.00	47.57 1.60 0.00	46.03 1.23 0.00	39.93 0.92 0.00	47.22 0.59 0.00
HILLSIDE_115KV_TB1 80332	42.75 -0.50 0.00	40.34 -0.35 0.00	44.67 -0.06 0.00	40.16 -0.25 0.00	37.64 -0.25 0.00	38.86 -0.07 0.00	50.85 -0.20 0.00	46.66 0.05 0.00	44.29 0.04 0.00	41.84 0.07 0.00	38.46 0.06 0.00	36.34 0.02 0.00	34.45 0.06 0.00	32.71 0.14 0.00	33.64 0.44 0.00	32.81 0.28 0.00	32.82 0.24 0.00	79.28 1.18 0.00	51.73 0.35 0.00	58.55 0.39 0.00	45.99 0.02 0.00	44.67 -0.12 0.00	38.74 -0.27 0.00	45.89 -0.73 0.00
HISHELDN_WT_PWR 323625	42.38 -0.87 0.00	40.31 -0.38 0.00	44.92 0.18 0.00	40.47 0.06 0.00	37.93 0.04 0.00	39.38 0.45 0.00	51.16 0.11 0.00	46.73 0.12 0.00	43.72 -0.53 0.00	41.03 -0.75 0.00	37.57 -0.82 0.00	35.49 -0.83 0.00	33.59 -0.79 0.00	32.06 -0.50 0.00	32.96 -0.24 0.00	31.97 -0.55 0.00	31.88 -0.70 0.00	77.92 -0.19 0.00	50.72 -0.67 0.00	57.49 -0.66 0.00	45.20 -0.77 0.00	44.14 -0.66 0.00	38.31 -0.70 0.00	45.37 -1.26 0.00
HOLTSVILLE_IC_1 23690	45.87 1.33 -1.29	42.42 1.10 -0.63	45.63 0.92 0.03	40.59 0.53 0.34	36.21 0.45 2.14	37.39 0.53 2.08	53.40 1.44 -0.91	47.46 1.21 0.36	49.47 1.79 -3.44	49.12 2.31 -5.03	45.45 2.29 -4.77	44.54 2.53 -5.69	35.53 2.12 0.98	33.19 1.66 1.03	32.98 1.20 1.42	33.01 1.79 1.31	32.44 1.49 1.64	76.91 1.72 2.92	54.32 1.19 -1.74	61.86 1.54 -2.17	49.00 1.18 -1.85	47.34 1.07 -1.46	40.06 0.69 -0.36	46.95 0.33 0.00
HOLTSVILLE_IC_10 23699	46.19 1.47 -1.47	42.74 1.23 -0.82	45.79 1.06 0.00	40.74 0.65 0.31	36.49 0.54 1.95	37.68 0.64 1.90	53.75 1.60 -1.10	47.67 1.39 0.33	49.84 1.96 -3.64	49.42 2.51 -5.14	45.83 2.44 -5.00	45.10 2.71 -6.08	35.79 2.26 0.86	33.39 1.76 0.93	33.18 1.27 1.30	33.31 1.91 1.13	32.75 1.62 1.45	77.45 2.01 2.67	54.86 1.39 -2.09	62.36 1.79 -2.42	49.45 1.38 -2.10	47.68 1.26 -1.63	40.52 0.83 -0.69	47.09 0.47 0.00
HOLTSVILLE_IC_2 23691	45.87 1.33 -1.29	42.42 1.10 -0.63	45.63 0.92 0.03	40.59 0.53 0.34	36.21 0.45 2.14	37.39 0.53 2.08	53.40 1.44 -0.91	47.46 1.21 0.36	49.47 1.79 -3.44	49.12 2.31 -5.03	45.45 2.29 -4.77	44.54 2.53 -5.69	35.53 2.12 0.98	33.19 1.66 1.03	32.98 1.20 1.42	33.01 1.79 1.31	32.44 1.49 1.64	76.91 1.72 2.92	54.32 1.19 -1.74	61.86 1.54 -2.17	49.00 1.18 -1.85	47.34 1.07 -1.46	40.06 0.69 -0.36	46.95 0.33 0.00
HOLTSVILLE_IC_3 23692	45.87 1.33 -1.29	42.42 1.10 -0.63	45.63 0.92 0.03	40.59 0.53 0.34	36.21 0.45 2.14	37.39 0.53 2.08	53.40 1.44 -0.91	47.46 1.21 0.36	49.47 1.79 -3.44	49.12 2.31 -5.03	45.45 2.29 -4.77	44.54 2.53 -5.69	35.53 2.12 0.98	33.19 1.66 1.03	32.98 1.20 1.42	33.01 1.79 1.31	32.44 1.49 1.64	76.91 1.72 2.92	54.32 1.19 -1.74	61.86 1.54 -2.17	49.00 1.18 -1.85	47.34 1.07 -1.46	40.06 0.69 -0.36	46.95 0.33 0.00
HOLTSVILLE_IC_4 23693	45.87 1.33 -1.29	42.42 1.10 -0.63	45.63 0.92 0.03	40.59 0.53 0.34	36.21 0.45 2.14	37.39 0.53 2.08	53.40 1.44 -0.91	47.46 1.21 0.36	49.47 1.79 -3.44	49.12 2.31 -5.03	45.45 2.29 -4.77	44.54 2.53 -5.69	35.53 2.12 0.98	33.19 1.66 1.03	32.98 1.20 1.42	33.01 1.79 1.31	32.44 1.49 1.64	76.91 1.72 2.92	54.32 1.19 -1.74	61.86 1.54 -2.17	49.00 1.18 -1.85	47.34 1.07 -1.46	40.06 0.69 -0.36	46.95 0.33 0.00
HOLTSVILLE_IC_5 23694	45.87 1.33 -1.29	42.42 1.10 -0.63	45.63 0.92 0.03	40.59 0.53 0.34	36.21 0.45 2.14	37.39 0.53 2.08	53.40 1.44 -0.91	47.46 1.21 0.36	49.47 1.79 -3.44	49.12 2.31 -5.03	45.45 2.29 -4.77	44.54 2.53 -5.69	35.53 2.12 0.98	33.19 1.66 1.03	32.98 1.20 1.42	33.01 1.79 1.31	32.44 1.49 1.64	76.91 1.72 2.92	54.32 1.19 -1.74	61.86 1.54 -2.17	49.00 1.18 -1.85	47.34 1.07 -1.46	40.06 0.69 -0.36	46.95 0.33 0.00
HOLTSVILLE_IC_6 23695	46.19 1.47 -1.47	42.74 1.23 -0.82	45.79 1.06 0.00	40.74 0.65 0.31	36.49 0.54 1.95	37.68 0.64 1.90	53.75 1.60 -1.10	47.67 1.39 0.33	49.84 1.96 -3.64	49.42 2.51 -5.14	45.83 2.44 -5.00	45.10 2.71 -6.08	35.79 2.26 0.86	33.39 1.76 0.93	33.18 1.27 1.30	33.31 1.91 1.13	32.75 1.62 1.45	77.45 2.01 2.67	54.86 1.39 -2.09	62.36 1.79 -2.42	49.45 1.38 -2.10	47.68 1.26 -1.63	40.52 0.83 -0.69	47.09 0.47 0.00
HOLTSVILLE_IC_7 23696	46.19 1.47 -1.47	42.74 1.23 -0.82	45.79 1.06 0.00	40.74 0.65 0.31	36.49 0.54 1.95	37.68 0.64 1.90	53.75 1.60 -1.10	47.67 1.39 0.33	49.84 1.96 -3.64	49.42 2.51 -5.14	45.83 2.44 -5.00	45.10 2.71 -6.08	35.79 2.26 0.86	33.39 1.76 0.93	33.18 1.27 1.30	33.31 1.91 1.13	32.75 1.62 1.45	77.45 2.01 2.67	54.86 1.39 -2.09	62.36 1.79 -2.42	49.45 1.38 -2.10	47.68 1.26 -1.63	40.52 0.83 -0.69	47.09 0.47 0.00
HOLTSVILLE_IC_8 23697	46.19 1.47 -1.47	42.74 1.23 -0.82	45.79 1.06 0.00	40.74 0.65 0.31	36.49 0.54 1.95	37.68 0.64 1.90	53.75 1.60 -1.10	47.67 1.39 0.33	49.84 1.96 -3.64	49.42 2.51 -5.14	45.83 2.44 -5.00	45.10 2.71 -6.08	35.79 2.26 0.86	33.39 1.76 0.93	33.18 1.27 1.30	33.31 1.91 1.13	32.75 1.62 1.45	77.45 2.01 2.67	54.86 1.39 -2.09	62.36 1.79 -2.42	49.45 1.38 -2.10	47.68 1.26 -1.63	40.52 0.83 -0.69	47.09 0.47 0.00
HOLTSVILLE_IC_9 23698	46.19 1.47 -1.47	42.74 1.23 -0.82	45.79 1.06 0.00	40.74 0.65 0.31	36.49 0.54 1.95	37.68 0.64 1.90	53.75 1.60 -1.10	47.67 1.39 0.33	49.84 1.96 -3.64	49.42 2.51 -5.14	45.83 2.44 -5.00	45.10 2.71 -6.08	35.79 2.26 0.86	33.39 1.76 0.93	33.18 1.27 1.30	33.31 1.91 1.13	32.75 1.62 1.45	77.45 2.01 2.67	54.86 1.39 -2.09	62.36 1.79 -2.42	49.45 1.38 -2.10	47.68 1.26 -1.63	40.52 0.83 -0.69	47.09 0.47 0.00
HOMER_HL_115KV_TB2 355744	43.72 0.48 0.00	41.30 0.62 0.00	45.77 1.04 0.00	41.11 0.70 0.00	38.53 0.64 0.00	39.91 0.98 0.00	51.69 0.64 0.00	47.48 0.86 0.00	45.01 0.76 0.00	42.56 0.79 0.00	39.04 0.64 0.00	36.90 0.58 0.00	35.10 0.72 0.00	33.60 1.04 0.00	34.63 1.43 0.00	33.63 1.10 0.00	33.53 0.94 0.00	80.74 2.64 0.00	52.26 0.87 0.00	59.09 0.94 0.00	46.32 0.35 0.00	45.14 0.34 0.00	39.16 0.15 0.00	46.39 -0.24 0.00
HOWARD_WT_PWR 323690	42.04 -1.20 0.00	40.11 -0.58 0.00	45.11 0.37 0.00	40.90 0.50 0.00	38.42 0.53 0.00	39.86 0.92 0.00	52.01 0.96 0.00	47.73 1.12 0.00	44.80 0.56 0.00	41.87 0.10 0.00	38.15 -0.25 0.00	35.92 -0.40 0.00	33.93 -0.46 0.00	32.34 -0.23 0.00	33.27 0.07 0.00	32.38 -0.15 0.00	32.42 -0.16 0.00	79.73 1.63 0.00	52.13 0.74 0.00	59.30 1.15 0.00	46.48 0.50 0.00	45.24 0.44 0.00	39.20 0.19 0.00	46.13 -0.50 0.00

HQ_GEN_CEDARS 23644	44.33 1.08 0.00	41.85 1.17 0.00	45.86 1.12 0.00	41.44 1.04 0.00	38.83 0.94 0.00	40.10 1.16 0.00	52.49 1.44 0.00	47.77 1.16 0.00	44.95 0.70 0.00	42.35 0.57 0.00	38.89 0.50 0.00	36.83 0.51 0.00	34.86 0.48 0.00	33.02 0.45 0.00	33.68 0.48 0.00	32.87 0.35 0.00	32.85 0.27 0.00	79.17 1.07 0.00	52.04 0.66 0.00	59.12 0.97 0.00	46.70 0.73 0.00	45.72 0.91 0.00	39.98 0.97 0.00	47.87 1.24 0.00
HQ_GEN_CEDARS_PROXY 323590	44.33 1.08 0.00	41.85 1.17 0.00	45.86 1.12 0.00	41.44 1.03 0.00	38.83 0.94 0.00	40.15 1.16 -0.05	52.49 1.44 0.00	47.77 1.16 0.00	44.95 0.70 0.00	42.35 0.57 0.00	38.89 0.50 0.00	36.83 0.51 0.00	34.86 0.47 0.00	33.02 0.45 0.00	33.68 0.48 0.00	32.88 0.35 0.00	32.85 0.27 0.00	79.17 1.07 0.00	52.05 0.66 0.00	59.12 0.97 0.00	46.71 0.74 0.00	45.72 0.92 0.00	39.98 0.97 0.00	47.86 1.24 0.00
HQ_GEN_IMPORT 323601	43.77 0.52 0.00	41.26 0.57 0.00	45.28 0.54 0.00	40.92 0.52 0.00	38.35 0.45 0.00	39.50 0.56 0.00	51.66 0.61 0.00	44.84 0.49 2.26	44.59 0.35 0.00	42.10 0.32 0.00	38.69 0.29 0.00	36.62 0.30 0.00	34.67 0.28 0.00	32.83 0.27 0.00	33.50 0.30 0.00	32.75 0.22 0.00	32.76 0.18 0.00	78.67 0.57 0.00	51.66 0.27 0.00	58.50 0.34 0.00	46.22 0.25 0.00	45.18 0.38 0.00	39.44 0.43 0.00	47.23 0.60 0.00
HQ_GEN_WHEEL 23651	43.77 0.52 0.00	41.26 0.57 0.00	45.28 0.54 0.00	40.92 0.52 0.00	38.35 0.45 0.00	39.50 0.56 0.00	51.66 0.61 0.00	44.84 0.49 2.26	44.59 0.35 0.00	42.10 0.32 0.00	38.69 0.29 0.00	36.62 0.30 0.00	34.67 0.28 0.00	32.83 0.27 0.00	33.50 0.30 0.00	32.75 0.22 0.00	32.76 0.18 0.00	78.67 0.57 0.00	51.66 0.27 0.00	58.50 0.34 0.00	46.22 0.25 0.00	45.18 0.38 0.00	39.44 0.43 0.00	47.23 0.60 0.00
HUDSON AVE_GT_3 23810	44.42 1.17 0.00	41.57 0.88 0.00	45.59 0.85 0.00	41.12 0.71 0.00	38.64 0.75 0.00	39.73 0.79 0.00	52.47 1.42 0.00	48.16 1.54 0.00	46.29 2.05 0.00	44.12 2.35 0.00	40.95 2.56 0.00	38.73 2.41 0.00	36.52 2.13 0.00	34.46 1.90 0.00	34.99 1.79 0.00	34.49 1.96 0.00	34.55 1.96 0.00	81.87 3.77 0.00	53.75 2.37 0.00	60.78 2.62 0.00	48.04 2.07 0.00	46.45 1.65 0.00	40.27 1.26 0.00	47.58 0.95 0.00
HUDSON AVE_GT_4 23540	44.42 1.17 0.00	41.57 0.88 0.00	45.59 0.85 0.00	41.12 0.71 0.00	38.64 0.75 0.00	39.73 0.79 0.00	52.47 1.42 0.00	48.16 1.54 0.00	46.29 2.05 0.00	44.12 2.35 0.00	40.95 2.56 0.00	38.73 2.41 0.00	36.52 2.13 0.00	34.46 1.90 0.00	34.99 1.79 0.00	34.49 1.96 0.00	34.55 1.96 0.00	81.87 3.77 0.00	53.75 2.37 0.00	60.78 2.62 0.00	48.04 2.07 0.00	46.45 1.65 0.00	40.27 1.26 0.00	47.58 0.95 0.00
HUDSON AVE_GT_5 23657	44.42 1.17 0.00	41.57 0.88 0.00	45.59 0.85 0.00	41.12 0.71 0.00	38.64 0.75 0.00	39.73 0.79 0.00	52.47 1.42 0.00	48.16 1.54 0.00	46.29 2.05 0.00	44.12 2.35 0.00	40.95 2.56 0.00	38.73 2.41 0.00	36.52 2.13 0.00	34.46 1.90 0.00	34.99 1.79 0.00	34.49 1.96 0.00	34.55 1.96 0.00	81.87 3.77 0.00	53.75 2.37 0.00	60.78 2.62 0.00	48.04 2.07 0.00	46.45 1.65 0.00	40.27 1.26 0.00	47.58 0.95 0.00
HUDSON_AVE_10 24168	44.28 1.04 0.00	41.46 0.78 0.00	45.46 0.73 0.00	41.03 0.62 0.00	38.56 0.66 0.00	39.63 0.69 0.00	52.28 1.23 0.00	47.99 1.38 0.00	46.17 1.93 0.00	44.01 2.23 0.00	40.81 2.41 0.00	38.61 2.29 0.00	36.41 2.03 0.00	34.36 1.79 0.00	34.88 1.68 0.00	34.38 1.85 0.00	34.42 1.84 0.00	81.56 3.46 0.00	53.67 2.18 -0.10	60.56 2.40 0.00	48.10 1.91 -0.23	46.29 1.49 0.00	40.13 1.12 0.00	47.36 0.74 0.00
HUDSON___115KV_TB 4 355613	43.54 0.29 0.00	40.81 0.13 0.00	44.81 0.08 0.00	40.53 0.13 0.00	38.16 0.27 0.00	39.17 0.23 0.00	51.76 0.71 0.00	47.30 0.69 0.00	44.99 0.75 0.00	42.48 0.70 0.00	38.74 0.34 0.00	36.51 0.19 0.00	34.57 0.19 0.00	32.66 0.10 0.00	33.27 0.07 0.00	32.74 0.22 0.00	32.94 0.35 0.00	78.49 0.39 0.00	52.20 0.81 0.00	59.15 1.00 0.00	46.86 0.89 0.00	45.37 0.57 0.00	39.38 0.37 0.00	46.97 0.35 0.00
HUNTER MOUNT___DRP 323613	43.70 0.46 0.00	40.96 0.28 0.00	44.98 0.25 0.00	40.68 0.28 0.00	38.32 0.42 0.00	39.33 0.40 0.00	52.02 0.97 0.00	47.54 0.93 0.00	45.17 0.93 0.00	42.58 0.81 0.00	38.79 0.40 0.00	36.53 0.21 0.00	34.57 0.18 0.00	32.66 0.09 0.00	33.30 0.10 0.00	32.76 0.23 0.00	32.98 0.40 0.00	78.73 0.63 0.00	52.43 1.04 0.00	59.45 1.29 0.00	47.08 1.11 0.00	45.59 0.79 0.00	39.56 0.55 0.00	47.20 0.58 0.00
HUNTINGTON_RES_REC 323705	46.23 1.45 -1.53	42.78 1.21 -0.88	45.79 1.05 -0.01	40.78 0.68 0.30	36.65 0.64 1.89	37.84 0.74 1.84	53.86 1.65 -1.16	47.67 1.38 0.33	49.91 1.94 -3.72	49.36 2.40 -5.19	45.86 2.38 -5.09	45.14 2.59 -6.22	35.76 2.19 0.82	33.41 1.75 0.90	33.30 1.36 1.26	33.39 1.94 1.07	32.90 1.71 1.39	77.94 2.43 2.59	55.20 1.61 -2.21	62.67 2.01 -2.51	49.68 1.52 -2.19	47.86 1.37 -1.69	40.75 0.94 -0.80	47.18 0.56 0.00
HUNTLEY___63 23557	43.31 0.06 0.00	41.14 0.45 0.00	45.64 0.90 0.00	41.02 0.61 0.00	38.41 0.51 0.00	40.00 1.06 0.00	51.73 0.68 0.00	47.17 0.55 0.00	44.19 -0.05 0.00	41.78 0.00 0.00	38.31 -0.08 0.00	36.28 -0.04 0.00	34.40 0.01 0.00	32.87 0.31 0.00	33.72 0.52 0.00	32.63 0.10 0.00	32.38 -0.20 0.00	78.56 0.46 0.00	50.89 -0.49 0.00	57.61 -0.55 0.00	45.33 -0.64 0.00	44.44 -0.36 0.00	38.78 -0.23 0.00	46.40 -0.23 0.00
HUNTLEY___64 23558	43.31 0.06 0.00	41.14 0.45 0.00	45.64 0.90 0.00	41.02 0.61 0.00	38.41 0.51 0.00	40.00 1.06 0.00	51.73 0.68 0.00	47.17 0.55 0.00	44.19 -0.05 0.00	41.78 0.00 0.00	38.31 -0.08 0.00	36.28 -0.04 0.00	34.40 0.01 0.00	32.87 0.31 0.00	33.72 0.52 0.00	32.63 0.10 0.00	32.38 -0.20 0.00	78.56 0.46 0.00	50.89 -0.49 0.00	57.61 -0.55 0.00	45.33 -0.64 0.00	44.44 -0.36 0.00	38.78 -0.23 0.00	46.40 -0.23 0.00
HUNTLEY___65 23559	43.31 0.06 0.00	41.14 0.45 0.00	45.64 0.90 0.00	41.02 0.61 0.00	38.41 0.51 0.00	40.00 1.06 0.00	51.73 0.68 0.00	47.17 0.55 0.00	44.19 -0.05 0.00	41.78 0.00 0.00	38.31 -0.08 0.00	36.28 -0.04 0.00	34.40 0.01 0.00	32.87 0.31 0.00	33.72 0.52 0.00	32.63 0.10 0.00	32.38 -0.20 0.00	78.56 0.46 0.00	50.89 -0.49 0.00	57.61 -0.55 0.00	45.33 -0.64 0.00	44.44 -0.36 0.00	38.78 -0.23 0.00	46.40 -0.23 0.00
HUNTLEY___66 23560	43.31 0.06 0.00	41.14 0.45 0.00	45.64 0.90 0.00	41.02 0.61 0.00	38.41 0.51 0.00	40.00 1.06 0.00	51.73 0.68 0.00	47.17 0.55 0.00	44.19 -0.05 0.00	41.78 0.00 0.00	38.31 -0.08 0.00	36.28 -0.04 0.00	34.40 0.01 0.00	32.87 0.31 0.00	33.72 0.52 0.00	32.63 0.10 0.00	32.38 -0.20 0.00	78.56 0.46 0.00	50.89 -0.49 0.00	57.61 -0.55 0.00	45.33 -0.64 0.00	44.44 -0.36 0.00	38.78 -0.23 0.00	46.40 -0.23 0.00

HUNTLEY___67 23561	42.99 -0.26 0.00	40.83 0.14 0.00	45.31 0.57 0.00	40.72 0.31 0.00	38.13 0.23 0.00	39.69 0.75 0.00	51.40 0.34 0.00	46.98 0.36 0.00	44.03 -0.21 0.00	41.60 -0.18 0.00	38.13 -0.26 0.00	36.12 -0.20 0.00	34.25 -0.13 0.00	32.72 0.16 0.00	33.57 0.37 0.00	32.53 0.01 0.00	32.28 -0.31 0.00	78.26 0.16 0.00	50.76 -0.62 0.00	57.43 -0.72 0.00	45.16 -0.81 0.00	44.22 -0.57 0.00	38.53 -0.48 0.00	46.10 -0.53 0.00
HUNTLEY___68 23562	42.99 -0.26 0.00	40.83 0.14 0.00	45.31 0.57 0.00	40.72 0.31 0.00	38.13 0.23 0.00	39.69 0.75 0.00	51.40 0.34 0.00	46.98 0.36 0.00	44.03 -0.21 0.00	41.60 -0.18 0.00	38.13 -0.26 0.00	36.12 -0.20 0.00	34.25 -0.13 0.00	32.72 0.16 0.00	33.57 0.37 0.00	32.53 0.01 0.00	32.28 -0.31 0.00	78.26 0.16 0.00	50.76 -0.62 0.00	57.43 -0.72 0.00	45.16 -0.81 0.00	44.22 -0.57 0.00	38.53 -0.48 0.00	46.10 -0.53 0.00
HYLAND___LFGE 323620	46.12 2.87 0.00	43.48 2.79 0.00	47.98 3.25 0.00	43.20 2.79 0.00	40.60 2.70 0.00	42.29 3.35 0.00	55.95 4.90 0.00	51.34 4.73 0.00	47.25 3.01 0.00	42.46 0.69 0.00	38.32 -0.08 0.00	36.17 -0.15 0.00	34.22 -0.16 0.00	32.62 0.05 0.00	33.41 0.21 0.00	32.48 -0.05 0.00	32.51 -0.07 0.00	80.20 2.10 0.00	52.72 1.34 0.00	60.74 2.59 0.00	48.11 2.14 0.00	46.89 2.09 0.00	40.62 1.61 0.00	48.10 1.48 0.00
INDECK___CORINTH 23802	44.99 1.74 0.00	42.10 1.42 0.00	46.09 1.35 0.00	41.66 1.25 0.00	39.22 1.32 0.00	40.48 1.55 0.00	53.70 2.65 0.00	48.92 2.30 0.00	46.41 2.17 0.00	43.45 1.68 0.00	39.78 1.38 0.00	37.47 1.15 0.00	35.40 1.01 0.00	33.33 0.76 0.00	33.97 0.77 0.00	33.45 0.92 0.00	33.72 1.14 0.00	80.73 2.62 0.00	53.70 2.31 0.00	60.63 2.48 0.00	47.93 1.96 0.00	46.52 1.71 0.00	40.46 1.45 0.00	48.18 1.56 0.00
INDECK___ILION 23567	41.51 -1.74 0.00	38.92 -1.77 0.00	42.72 -2.02 0.00	38.74 -1.67 0.00	36.54 -1.35 0.00	37.47 -1.46 0.00	49.84 -1.21 0.00	45.36 -1.25 0.00	43.01 -1.23 0.00	39.81 -1.96 0.00	36.14 -2.26 0.00	34.15 -2.17 0.00	32.42 -1.97 0.00	32.27 -0.30 0.00	32.81 -0.39 0.00	32.30 -0.22 0.00	32.17 -0.41 0.00	76.30 -1.80 0.00	50.84 -0.55 0.00	57.59 -0.56 0.00	45.58 -0.39 0.00	44.18 -0.62 0.00	38.40 -0.61 0.00	45.76 -0.87 0.00
INDECK___OLEAN 23982	43.72 0.47 0.00	41.30 0.61 0.00	45.77 1.03 0.00	41.11 0.70 0.00	38.53 0.64 0.00	39.91 0.97 0.00	51.67 0.62 0.00	47.47 0.86 0.00	45.00 0.75 0.00	42.56 0.78 0.00	39.04 0.64 0.00	36.90 0.58 0.00	35.10 0.72 0.00	33.59 1.03 0.00	34.63 1.43 0.00	33.63 1.10 0.00	33.52 0.94 0.00	80.71 2.61 0.00	52.24 0.85 0.00	59.07 0.92 0.00	46.31 0.34 0.00	45.14 0.34 0.00	39.16 0.15 0.00	46.39 -0.24 0.00
INDECK___OSWEGO 23783	42.44 -0.81 0.00	39.93 -0.76 0.00	43.93 -0.81 0.00	39.66 -0.74 0.00	37.21 -0.69 0.00	38.18 -0.76 0.00	50.03 -1.02 0.00	45.73 -0.89 0.00	43.27 -0.98 0.00	40.76 -1.02 0.00	37.40 -1.00 0.00	35.37 -0.95 0.00	33.50 -0.88 0.00	31.75 -0.82 0.00	32.38 -0.82 0.00	31.73 -0.80 0.00	31.80 -0.78 0.00	76.38 -1.73 0.00	50.41 -0.98 0.00	57.12 -1.03 0.00	45.16 -0.81 0.00	43.92 -0.88 0.00	38.23 -0.78 0.00	45.81 -0.82 0.00
INDECK___YERKES 23781	43.35 0.10 0.00	41.18 0.49 0.00	45.68 0.95 0.00	41.05 0.64 0.00	38.44 0.54 0.00	40.05 1.11 0.00	51.76 0.70 0.00	47.21 0.59 0.00	44.23 -0.02 0.00	41.81 0.04 0.00	38.36 -0.04 0.00	36.32 0.00 0.00	34.42 0.04 0.00	32.89 0.33 0.00	33.75 0.55 0.00	32.66 0.13 0.00	32.41 -0.18 0.00	78.64 0.54 0.00	50.92 -0.47 0.00	57.65 -0.50 0.00	45.37 -0.60 0.00	44.48 -0.32 0.00	38.81 -0.20 0.00	46.44 -0.19 0.00
INDIAN POINT_GT_1 24139	44.00 0.75 0.00	41.17 0.49 0.00	45.20 0.47 0.00	40.78 0.38 0.00	38.31 0.42 0.00	39.36 0.42 0.00	51.99 0.94 0.00	47.61 0.99 0.00	45.68 1.43 0.00	43.47 1.69 0.00	40.28 1.88 0.00	38.05 1.72 0.00	35.87 1.48 0.00	33.82 1.25 0.00	34.35 1.15 0.00	33.88 1.35 0.00	33.98 1.40 0.00	80.73 2.62 0.00	53.12 1.74 0.00	60.09 1.93 0.00	47.49 1.52 0.00	45.94 1.15 0.00	39.86 0.85 0.00	47.16 0.53 0.00
INDIAN POINT_GT_2 23659	44.00 0.75 0.00	41.17 0.49 0.00	45.20 0.47 0.00	40.78 0.38 0.00	38.31 0.42 0.00	39.36 0.42 0.00	51.99 0.94 0.00	47.61 0.99 0.00	45.68 1.43 0.00	43.47 1.69 0.00	40.28 1.88 0.00	38.05 1.72 0.00	35.87 1.48 0.00	33.82 1.25 0.00	34.35 1.15 0.00	33.88 1.35 0.00	33.98 1.40 0.00	80.73 2.62 0.00	53.12 1.74 0.00	60.09 1.93 0.00	47.49 1.52 0.00	45.94 1.15 0.00	39.86 0.85 0.00	47.16 0.53 0.00
INDIAN POINT_GT_3 24019	44.00 0.75 0.00	41.17 0.49 0.00	45.20 0.47 0.00	40.78 0.38 0.00	38.31 0.42 0.00	39.36 0.42 0.00	51.99 0.94 0.00	47.61 0.99 0.00	45.68 1.43 0.00	43.47 1.69 0.00	40.28 1.88 0.00	38.05 1.72 0.00	35.87 1.48 0.00	33.82 1.25 0.00	34.35 1.15 0.00	33.88 1.35 0.00	33.98 1.40 0.00	80.73 2.62 0.00	53.12 1.74 0.00	60.09 1.93 0.00	47.49 1.52 0.00	45.94 1.15 0.00	39.86 0.85 0.00	47.16 0.53 0.00
INDIAN POINT___2 23530	43.89 0.64 0.00	41.08 0.40 0.00	45.13 0.39 0.00	40.70 0.30 0.00	38.22 0.32 0.00	39.28 0.35 0.00	51.86 0.80 0.00	47.47 0.85 0.00	45.54 1.29 0.00	43.35 1.57 0.00	40.16 1.76 0.00	37.92 1.60 0.00	35.74 1.35 0.00	33.72 1.15 0.00	34.23 1.03 0.00	33.78 1.25 0.00	33.88 1.30 0.00	80.53 2.43 0.00	53.00 1.61 0.00	59.98 1.82 0.00	47.39 1.42 0.00	45.85 1.05 0.00	39.78 0.78 0.00	47.07 0.44 0.00
INDIAN POINT___3 23531	44.04 0.79 0.00	41.22 0.53 0.00	45.24 0.50 0.00	40.82 0.42 0.00	38.35 0.45 0.00	39.39 0.45 0.00	52.04 0.99 0.00	47.66 1.04 0.00	45.72 1.47 0.00	43.52 1.75 0.00	40.32 1.92 0.00	38.10 1.78 0.00	35.91 1.53 0.00	33.87 1.31 0.00	34.40 1.19 0.00	33.92 1.40 0.00	34.02 1.44 0.00	80.78 2.68 0.00	53.16 1.78 0.00	60.13 1.98 0.00	47.52 1.55 0.00	45.98 1.19 0.00	39.89 0.88 0.00	47.20 0.58 0.00
INGHAM_C_115KV_TB7 356103	41.25 -2.00 0.00	38.63 -2.05 0.00	42.41 -2.32 0.00	38.46 -1.95 0.00	36.30 -1.60 0.00	37.21 -1.73 0.00	49.53 -1.53 0.00	45.06 -1.55 0.00	42.75 -1.49 0.00	39.52 -2.25 0.00	35.82 -2.58 0.00	33.84 -2.48 0.00	32.17 -2.22 0.00	32.22 -0.35 0.00	32.75 -0.45 0.00	32.26 -0.27 0.00	31.72 -0.86 0.00	73.74 -4.36 0.00	49.81 -1.57 0.00	56.54 -1.61 0.00	44.82 -1.15 0.00	43.27 -1.54 0.00	37.55 -1.46 0.00	44.60 -2.02 0.00
IP CORINTH___1 23988	44.99 1.74 0.00	42.10 1.42 0.00	46.09 1.35 0.00	41.66 1.25 0.00	39.22 1.32 0.00	40.48 1.55 0.00	53.70 2.64 0.00	48.91 2.30 0.00	46.41 2.17 0.00	43.46 1.68 0.00	39.78 1.39 0.00	37.47 1.15 0.00	35.39 1.01 0.00	33.33 0.76 0.00	33.97 0.77 0.00	33.45 0.92 0.00	33.71 1.13 0.00	80.71 2.61 0.00	53.70 2.31 0.00	60.63 2.48 0.00	47.93 1.96 0.00	46.51 1.71 0.00	40.46 1.45 0.00	48.18 1.56 0.00

IP___TICONDEROGA 23804	46.66 3.41 0.00	43.57 2.88 0.00	47.33 2.59 0.00	42.82 2.41 0.00	40.43 2.53 0.00	42.01 3.07 0.00	56.00 4.95 0.00	50.64 4.03 0.00	47.93 3.69 0.00	44.74 2.96 0.00	41.20 2.80 0.00	38.87 2.55 0.00	36.59 2.21 0.00	34.30 1.74 0.00	35.03 1.83 0.00	34.39 1.87 0.00	34.73 2.15 0.00	82.66 4.56 0.00	55.53 4.15 0.00	62.41 4.25 0.00	49.14 3.17 0.00	47.96 3.16 0.00	41.94 2.93 0.00	49.92 3.30 0.00
ISLIP_RES_REC 323679	46.45 1.62 -1.58	42.99 1.36 -0.94	45.94 1.19 -0.01	40.88 0.77 0.29	36.72 0.65 1.82	37.93 0.76 1.77	54.06 1.79 -1.22	47.90 1.60 0.31	50.18 2.16 -3.78	49.67 2.70 -5.20	46.14 2.60 -5.14	45.49 2.84 -6.33	36.00 2.38 0.78	33.56 1.87 0.87	33.35 1.36 1.22	33.55 2.03 1.01	32.99 1.73 1.32	77.93 2.32 2.50	55.31 1.61 -2.31	62.78 2.04 -2.58	49.81 1.57 -2.27	47.97 1.43 -1.74	40.88 0.97 -0.90	47.23 0.61 0.00
JAMAICA__27_KV_LOAD 355505	44.43 1.18 0.00	41.68 0.99 0.00	45.67 0.93 0.00	41.22 0.81 0.00	38.73 0.84 0.00	39.84 0.90 0.00	52.36 1.31 0.00	48.15 1.54 0.00	46.38 2.13 0.00	44.22 2.44 0.00	40.88 2.48 0.00	38.74 2.42 0.00	36.52 2.13 0.00	34.48 1.92 0.00	35.00 1.80 0.00	34.49 1.96 0.00	34.49 1.91 0.00	81.71 3.61 0.00	53.79 2.28 -0.12	60.66 2.51 0.00	48.26 2.01 -0.28	46.41 1.61 0.00	40.24 1.23 0.00	47.36 0.73 0.00
JANIS___SOLAR 323808	44.00 0.75 0.00	41.51 0.83 0.00	45.71 0.98 0.00	41.31 0.91 0.00	38.98 1.08 0.00	40.09 1.15 0.00	52.73 1.68 0.00	48.45 1.83 0.00	45.65 1.41 0.00	42.41 0.64 0.00	38.68 0.29 0.00	36.35 0.03 0.00	34.22 -0.17 0.00	32.26 -0.31 0.00	32.99 -0.21 0.00	32.37 -0.16 0.00	32.63 0.05 0.00	80.17 2.06 0.00	53.28 1.89 0.00	61.11 2.96 0.00	48.43 2.46 0.00	46.98 2.18 0.00	40.76 1.75 0.00	48.46 1.84 0.00
JARVIS____ 23743	43.09 -0.17 0.00	40.49 -0.20 0.00	44.51 -0.23 0.00	40.20 -0.20 0.00	37.73 -0.17 0.00	38.71 -0.23 0.00	50.87 -0.19 0.00	46.46 -0.15 0.00	44.17 -0.07 0.00	41.67 -0.11 0.00	38.31 -0.09 0.00	36.24 -0.08 0.00	34.30 -0.08 0.00	32.50 -0.06 0.00	33.13 -0.07 0.00	32.50 -0.02 0.00	32.57 -0.01 0.00	77.94 -0.16 0.00	51.38 -0.01 0.00	58.13 -0.02 0.00	45.97 0.00 0.00	44.71 -0.09 0.00	38.89 -0.12 0.00	46.44 -0.19 0.00
JENNISON___1 23625	43.52 0.27 0.00	40.74 0.05 0.00	44.85 0.11 0.00	40.82 0.42 0.00	38.58 0.69 0.00	39.54 0.60 0.00	51.81 0.76 0.00	47.86 1.25 0.00	45.61 1.36 0.00	42.70 0.92 0.00	39.01 0.61 0.00	36.82 0.50 0.00	34.67 0.28 0.00	32.61 0.05 0.00	33.36 0.16 0.00	32.81 0.28 0.00	33.08 0.50 0.00	80.91 2.81 0.00	53.22 1.83 0.00	60.97 2.82 0.00	48.41 2.44 0.00	46.93 2.13 0.00	40.72 1.71 0.00	48.31 1.69 0.00
JENNISON___2 23626	43.52 0.27 0.00	40.74 0.05 0.00	44.85 0.11 0.00	40.82 0.42 0.00	38.58 0.69 0.00	39.54 0.60 0.00	51.81 0.76 0.00	47.86 1.25 0.00	45.61 1.36 0.00	42.70 0.92 0.00	39.01 0.61 0.00	36.82 0.50 0.00	34.67 0.28 0.00	32.61 0.05 0.00	33.36 0.16 0.00	32.81 0.28 0.00	33.08 0.50 0.00	80.91 2.81 0.00	53.22 1.83 0.00	60.97 2.82 0.00	48.41 2.44 0.00	46.93 2.13 0.00	40.72 1.71 0.00	48.31 1.69 0.00
JERICHO_RISE_WT_PWR 323719	43.27 0.02 0.00	41.07 0.38 0.00	45.11 0.37 0.00	40.82 0.41 0.00	38.37 0.47 0.00	39.69 0.75 0.00	52.15 1.10 0.00	47.22 0.60 0.00	44.38 0.13 0.00	41.80 0.02 0.00	38.43 0.04 0.00	36.38 0.06 0.00	34.40 0.02 0.00	32.46 -0.11 0.00	33.26 0.06 0.00	32.53 0.00 0.00	32.47 -0.12 0.00	78.23 0.13 0.00	51.63 0.24 0.00	58.94 0.78 0.00	46.62 0.65 0.00	45.78 0.98 0.00	40.17 1.16 0.00	48.27 1.65 0.00
KATONAH___115KV_46KV_TB4 355592	44.29 1.04 0.00	41.44 0.75 0.00	45.48 0.75 0.00	41.03 0.62 0.00	38.55 0.66 0.00	39.61 0.67 0.00	52.39 1.34 0.00	48.00 1.38 0.00	46.07 1.82 0.00	43.81 2.03 0.00	40.55 2.16 0.00	38.33 2.01 0.00	36.14 1.75 0.00	34.08 1.52 0.00	34.63 1.43 0.00	34.14 1.62 0.00	34.22 1.64 0.00	81.28 3.17 0.00	53.52 2.14 0.00	60.49 2.34 0.00	47.81 1.84 0.00	46.26 1.46 0.00	40.12 1.11 0.00	47.47 0.84 0.00
KCE_NY_1 323755	44.61 1.36 0.00	41.71 1.02 0.00	45.66 0.92 0.00	41.28 0.88 0.00	38.85 0.95 0.00	40.03 1.09 0.00	53.04 1.99 0.00	48.26 1.65 0.00	45.85 1.61 0.00	43.00 1.22 0.00	39.38 0.98 0.00	37.13 0.81 0.00	35.19 0.80 0.00	33.11 0.55 0.00	33.73 0.52 0.00	33.30 0.78 0.00	33.56 0.97 0.00	80.17 2.07 0.00	53.25 1.87 0.00	60.06 1.91 0.00	47.51 1.54 0.00	46.06 1.26 0.00	40.06 1.05 0.00	47.80 1.18 0.00
KCE_NY_6_ESR 323823	43.53 0.28 0.00	41.31 0.62 0.00	45.84 1.11 0.00	41.18 0.78 0.00	38.57 0.67 0.00	40.16 1.22 0.00	52.03 0.98 0.00	47.62 1.01 0.00	44.68 0.43 0.00	42.16 0.39 0.00	38.69 0.30 0.00	36.60 0.28 0.00	34.72 0.34 0.00	33.13 0.57 0.00	33.99 0.79 0.00	32.97 0.44 0.00	32.73 0.15 0.00	79.37 1.27 0.00	51.52 0.14 0.00	58.30 0.14 0.00	45.83 -0.14 0.00	44.81 0.01 0.00	38.97 -0.04 0.00	46.57 -0.06 0.00
KEDC_PORT_JEFF_GT2 24210	46.13 1.46 -1.41	42.65 1.20 -0.76	45.76 1.04 0.01	40.72 0.64 0.32	36.42 0.53 2.01	37.60 0.62 1.96	53.67 1.58 -1.04	47.63 1.37 0.34	49.75 1.93 -3.58	49.35 2.47 -5.11	45.74 2.42 -4.93	44.96 2.69 -5.95	35.74 2.25 0.90	33.35 1.75 0.96	33.15 1.28 1.34	33.24 1.90 1.19	32.68 1.61 1.51	77.38 2.03 2.75	54.75 1.39 -1.98	62.28 1.79 -2.34	49.37 1.38 -2.02	47.61 1.24 -1.58	40.41 0.82 -0.58	47.08 0.46 0.00
KEDC_PORT_JEFF_GT3 24211	46.13 1.46 -1.41	42.65 1.20 -0.76	45.76 1.04 0.01	40.72 0.64 0.32	36.42 0.53 2.01	37.60 0.62 1.96	53.67 1.58 -1.04	47.63 1.37 0.34	49.75 1.93 -3.58	49.35 2.47 -5.11	45.74 2.42 -4.93	44.96 2.69 -5.95	35.74 2.25 0.90	33.35 1.75 0.96	33.15 1.28 1.34	33.24 1.90 1.19	32.68 1.61 1.51	77.38 2.03 2.75	54.75 1.39 -1.98	62.28 1.79 -2.34	49.37 1.38 -2.02	47.61 1.24 -1.58	40.41 0.82 -0.58	47.08 0.46 0.00
KEDC_GLWD_GT4 24219	53.15 1.50 -8.40	49.78 1.22 -7.87	46.83 1.16 -0.94	41.99 0.92 -0.66	42.94 0.97 -4.08	43.94 1.03 -3.97	60.99 1.82 -8.11	48.99 1.72 -0.65	59.01 2.21 -12.56	55.04 2.48 -10.78	56.09 2.53 -15.16	61.40 2.51 -22.57	39.73 2.22 -3.12	36.62 1.93 -2.13	37.69 1.77 -2.72	39.60 2.09 -4.99	39.34 2.02 -4.74	87.27 3.70 -5.47	69.49 2.43 -15.68	73.40 2.78 -12.47	60.35 2.12 -12.26	54.97 1.81 -8.37	53.27 1.37 -12.90	47.71 1.08 -0.01
KEDC_GLWD_GT5 24220	53.15 1.50 -8.40	49.78 1.22 -7.87	46.83 1.16 -0.94	41.99 0.92 -0.66	42.94 0.97 -4.08	43.94 1.03 -3.97	60.99 1.82 -8.11	48.99 1.72 -0.65	59.01 2.21 -12.56	55.04 2.48 -10.78	56.09 2.53 -15.16	61.40 2.51 -22.57	39.73 2.22 -3.12	36.62 1.93 -2.13	37.69 1.77 -2.72	39.60 2.09 -4.99	39.34 2.02 -4.74	87.27 3.70 -5.47	69.49 2.43 -15.68	73.40 2.78 -12.47	60.35 2.12 -12.26	54.97 1.81 -8.37	53.27 1.37 -12.90	47.71 1.08 -0.01

KENSICO____ 23655	44.22 0.97 0.00	41.38 0.69 0.00	45.41 0.68 0.00	40.97 0.56 0.00	38.50 0.60 0.00	39.54 0.61 0.00	52.29 1.24 0.00	47.90 1.29 0.00	45.98 1.74 0.00	43.76 1.99 0.00	40.55 2.16 0.00	38.35 2.03 0.00	36.15 1.76 0.00	34.08 1.52 0.00	34.62 1.42 0.00	34.14 1.61 0.00	34.21 1.63 0.00	81.21 3.11 0.00	53.41 2.02 0.00	60.39 2.24 0.00	47.73 1.76 0.00	46.18 1.38 0.00	40.05 1.04 0.00	47.38 1.75 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	44.67 1.42 0.00	41.82 1.13 0.00	45.95 1.21 0.00	41.47 1.07 0.00	38.99 1.10 0.00	40.06 1.12 0.00	52.93 1.87 0.00	48.48 1.87 0.00	46.40 2.15 0.00	44.03 2.26 0.00	40.77 2.37 0.00	38.24 1.92 0.00	36.01 1.63 0.00	33.92 1.36 0.00	34.46 1.26 0.00	33.95 1.42 0.00	34.19 1.61 0.00	81.59 3.49 0.00	53.86 2.47 0.00	61.03 2.88 0.00	48.23 2.26 0.00	46.67 1.87 0.00	40.48 1.47 0.00	47.87 1.25 0.00
KIAC_JFK_GT1 23816	44.17 0.92 0.00	41.46 0.77 0.00	45.41 0.68 0.00	41.00 0.59 0.00	38.52 0.62 0.00	39.61 0.67 0.00	52.00 0.95 0.00	47.81 1.20 0.00	46.05 1.81 0.00	43.93 2.15 0.00	40.66 2.26 0.00	38.52 2.20 0.00	36.32 1.93 0.00	34.30 1.73 0.00	34.81 1.61 0.00	34.30 1.77 0.00	34.30 1.71 0.00	81.16 3.06 0.00	53.39 1.88 -0.12	60.23 2.08 0.00	47.91 1.65 -0.28	46.06 1.27 0.00	40.01 1.00 0.00	47.08 0.45 0.00
KIAC_JFK_GT2 23817	44.17 0.92 0.00	41.46 0.77 0.00	45.41 0.68 0.00	41.00 0.59 0.00	38.52 0.62 0.00	39.61 0.67 0.00	52.00 0.95 0.00	47.81 1.20 0.00	46.05 1.81 0.00	43.93 2.15 0.00	40.66 2.26 0.00	38.52 2.20 0.00	36.32 1.93 0.00	34.30 1.73 0.00	34.81 1.61 0.00	34.30 1.77 0.00	34.30 1.71 0.00	81.16 3.06 0.00	53.39 1.88 -0.12	60.23 2.08 0.00	47.91 1.65 -0.28	46.06 1.27 0.00	40.01 1.00 0.00	47.08 0.45 0.00
KIAC_JFK____ 323774	44.17 0.92 0.00	41.45 0.76 0.00	45.42 0.68 0.00	41.00 0.59 0.00	38.52 0.62 0.00	39.61 0.67 0.00	52.00 0.95 0.00	47.81 1.20 0.00	46.05 1.81 0.00	43.94 2.17 0.00	40.65 2.25 0.00	38.52 2.20 0.00	36.32 1.93 0.00	34.32 1.76 0.00	34.81 1.61 0.00	34.31 1.78 0.00	34.30 1.72 0.00	81.17 3.07 0.00	53.40 1.90 -0.12	60.24 2.09 0.00	47.93 1.68 -0.28	46.07 1.27 0.00	40.01 1.00 0.00	47.08 0.45 0.00
KINTIGH____ 23543	42.88 -0.37 0.00	40.66 -0.02 0.00	45.04 0.31 0.00	40.51 0.10 0.00	37.95 0.06 0.00	39.40 0.46 0.00	51.15 0.09 0.00	46.75 0.14 0.00	43.90 -0.35 0.00	41.42 -0.35 0.00	37.95 -0.44 0.00	35.94 -0.38 0.00	34.10 -0.29 0.00	32.55 -0.02 0.00	33.36 0.16 0.00	32.39 -0.14 0.00	32.20 -0.39 0.00	77.96 -0.14 0.00	50.68 -0.71 0.00	57.35 -0.80 0.00	45.14 -0.83 0.00	44.17 -0.63 0.00	38.49 -0.52 0.00	46.04 -0.58 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	43.95 0.70 0.00	41.71 1.03 0.00	45.79 1.06 0.00	41.41 1.01 0.00	38.96 1.06 0.00	40.30 1.37 0.00	53.16 2.10 0.00	48.10 1.49 0.00	45.04 0.80 0.00	42.48 0.71 0.00	39.07 0.67 0.00	36.98 0.67 0.00	34.87 0.49 0.00	32.82 0.26 0.00	33.63 0.43 0.00	32.92 0.39 0.00	32.85 0.26 0.00	79.11 1.01 0.00	52.36 0.97 0.00	59.91 1.76 0.00	47.47 1.50 0.00	46.61 1.81 0.00	40.88 1.87 0.00	49.06 2.44 0.00
LACHUTE____HYDRO 323717	46.66 3.41 0.00	43.56 2.88 0.00	47.33 2.59 0.00	42.82 2.41 0.00	40.43 2.53 0.00	42.01 3.08 0.00	56.00 4.95 0.00	50.64 4.03 0.00	47.94 3.69 0.00	44.73 2.96 0.00	41.20 2.81 0.00	38.87 2.55 0.00	36.59 2.21 0.00	34.30 1.74 0.00	35.03 1.83 0.00	34.40 1.87 0.00	34.73 2.15 0.00	82.66 4.56 0.00	55.53 4.15 0.00	62.40 4.25 0.00	49.14 3.17 0.00	47.96 3.16 0.00	41.94 2.93 0.00	49.92 3.30 0.00
LAWRNCALV_115KV_TB1 80681	43.56 0.31 0.00	41.13 0.45 0.00	45.02 0.29 0.00	40.70 0.30 0.00	38.15 0.25 0.00	39.43 0.49 0.00	51.70 0.65 0.00	47.04 0.43 0.00	44.10 -0.14 0.00	41.30 -0.47 0.00	37.92 -0.48 0.00	35.91 -0.42 0.00	33.95 -0.44 0.00	32.14 -0.42 0.00	32.79 -0.41 0.00	32.01 -0.52 0.00	31.99 -0.59 0.00	77.37 -0.73 0.00	51.08 -0.31 0.00	58.26 0.11 0.00	46.07 0.09 0.00	45.09 0.29 0.00	39.43 0.42 0.00	47.18 0.55 0.00
LEDERLE____ 23769	44.17 0.92 0.00	41.34 0.65 0.00	45.40 0.66 0.00	40.94 0.54 0.00	38.45 0.55 0.00	39.64 0.70 0.00	52.37 1.32 0.00	47.96 1.35 0.00	46.03 1.78 0.00	43.81 2.03 0.00	40.59 2.19 0.00	38.33 2.01 0.00	36.12 1.73 0.00	34.02 1.46 0.00	34.49 1.29 0.00	34.04 1.52 0.00	34.15 1.57 0.00	81.17 3.06 0.00	53.41 2.02 0.00	60.43 2.28 0.00	47.75 1.78 0.00	46.19 1.39 0.00	40.06 1.05 0.00	47.37 0.75 0.00
LIGHTRSE_115KV_TB6 355974	42.49 -0.76 0.00	39.95 -0.74 0.00	43.83 -0.91 0.00	39.59 -0.81 0.00	37.14 -0.75 0.00	38.19 -0.75 0.00	50.19 -0.86 0.00	45.86 -0.75 0.00	43.09 -1.15 0.00	40.30 -1.48 0.00	37.00 -1.39 0.00	35.04 -1.28 0.00	33.14 -1.24 0.00	31.41 -1.16 0.00	32.04 -1.16 0.00	31.41 -1.12 0.00	31.51 -1.07 0.00	75.80 -2.30 0.00	50.58 -0.80 0.00	57.63 -0.52 0.00	45.66 -0.31 0.00	44.39 -0.41 0.00	38.53 -0.48 0.00	46.05 -0.57 0.00
LINDEN COGEN____ 23786	44.10 0.85 0.00	41.26 0.58 0.00	45.27 0.53 0.00	40.83 0.42 0.00	38.37 0.47 0.00	39.45 0.52 0.00	52.09 1.04 0.00	47.78 1.16 0.00	45.93 1.68 0.00	43.80 2.02 0.00	40.68 2.28 0.00	38.46 2.14 0.00	36.25 1.87 0.00	34.21 1.65 0.00	34.71 1.51 0.00	34.23 1.70 0.00	34.30 1.72 0.00	81.26 3.16 0.00	53.37 1.98 0.00	60.37 2.22 0.00	47.72 1.75 0.00	46.12 1.32 0.00	40.01 1.00 0.00	47.24 0.62 0.00
LINDHRST_69_KV_BK1 356055	49.88 1.99 -4.64	46.61 1.74 -4.19	46.91 1.70 -0.47	41.93 1.28 -0.24	40.57 1.19 -1.48	41.69 1.31 -1.44	57.84 2.42 -4.36	48.98 2.15 -0.21	54.26 2.69 -7.33	51.68 3.00 -6.90	50.26 2.87 -8.99	52.36 3.00 -13.04	38.25 2.55 -1.31	35.54 2.18 -0.80	36.06 1.87 -0.98	37.11 2.41 -2.17	36.75 2.22 -1.95	83.85 3.82 -1.92	62.20 2.54 -8.27	68.17 3.12 -6.90	54.94 2.38 -6.59	51.58 2.15 -4.63	47.19 1.60 -6.57	47.96 1.33 0.00
LIPA_MISC_IPP 23656	45.76 1.20 -1.32	42.31 0.96 -0.66	45.56 0.86 0.02	40.48 0.42 0.34	35.94 0.15 2.11	37.11 0.22 2.05	53.14 1.15 -0.94	47.21 0.96 0.36	49.26 1.55 -3.47	48.99 2.17 -5.05	45.37 2.17 -4.81	44.59 2.52 -5.74	35.48 2.05 0.96	33.08 1.53 1.01	32.75 0.95 1.41	32.85 1.61 1.28	32.27 1.29 1.61	76.22 1.00 2.88	53.99 0.81 -1.80	61.53 1.17 -2.21	48.79 0.93 -1.89	47.13 0.84 -1.49	39.89 0.47 -0.41	46.67 0.05 0.00
LISF____SOLAR 323691	45.85 1.25 -1.35	42.38 1.00 -0.70	45.52 0.81 0.02	40.46 0.38 0.33	36.02 0.20 2.07	37.19 0.27 2.02	53.19 1.17 -0.97	47.28 1.02 0.35	49.34 1.59 -3.51	49.09 2.24 -5.07	45.45 2.20 -4.85	44.68 2.55 -5.82	35.52 2.07 0.94	33.10 1.54 0.99	32.76 0.94 1.38	32.90 1.62 1.25	32.33 1.32 1.57	76.39 1.12 2.84	54.10 0.85 -1.86	61.63 1.23 -2.25	48.89 0.98 -1.94	47.21 0.89 -1.52	39.98 0.51 -0.47	46.71 0.09 0.00

LITTLE FALLS___HYD 24013	41.25 -2.00 0.00	38.63 -2.05 0.00	42.41 -2.32 0.00	38.46 -1.95 0.00	36.30 -1.60 0.00	37.21 -1.73 0.00	49.53 -1.53 0.00	45.06 -1.55 0.00	42.75 -1.49 0.00	39.52 -2.25 0.00	35.82 -2.58 0.00	33.84 -2.48 0.00	32.17 -2.22 0.00	32.22 -0.35 0.00	32.75 -0.45 0.00	32.26 -0.27 0.00	31.72 -0.86 0.00	73.74 -4.36 0.00	49.81 -1.57 0.00	56.54 -1.61 0.00	44.82 -1.15 0.00	43.27 -1.54 0.00	37.55 -1.46 0.00	44.60 -2.02 0.00
LITTLRIV_115KV_TB1 356100	44.27 1.02 0.00	41.79 1.11 0.00	45.75 1.01 0.00	41.37 0.97 0.00	38.79 0.89 0.00	40.13 1.20 0.00	52.69 1.63 0.00	47.92 1.31 0.00	44.73 0.48 0.00	41.55 -0.23 0.00	38.11 -0.29 0.00	36.05 -0.27 0.00	34.08 -0.30 0.00	32.27 -0.30 0.00	32.92 -0.28 0.00	32.12 -0.41 0.00	32.10 -0.48 0.00	77.91 -0.20 0.00	51.55 0.17 0.00	59.22 1.06 0.00	46.84 0.87 0.00	45.82 1.02 0.00	40.06 1.05 0.00	47.90 1.27 0.00
LI_NEWBRDGE___DRP 323616	44.69 1.32 -0.12	41.18 1.10 0.61	45.58 1.05 0.21	40.58 0.72 0.55	35.23 0.71 3.38	36.42 0.77 3.29	52.30 1.54 0.29	47.32 1.27 0.56	48.10 1.79 -2.06	48.30 2.17 -4.35	43.88 2.21 -3.27	41.71 2.29 -3.09	34.67 2.05 1.77	32.64 1.73 1.65	32.42 1.47 2.25	31.91 1.90 2.51	31.46 1.75 2.87	76.15 2.63 4.58	52.60 1.77 0.55	60.77 2.11 -0.51	47.68 1.56 -0.15	46.50 1.35 -0.35	38.16 0.95 1.81	47.21 0.59 0.01
LOCKPORT_115KV_TB60_63_64 80432	42.98 -0.27 0.00	40.86 0.17 0.00	45.33 0.59 0.00	40.75 0.35 0.00	38.18 0.28 0.00	39.75 0.81 0.00	51.45 0.40 0.00	46.74 0.12 0.00	43.66 -0.58 0.00	41.23 -0.54 0.00	37.79 -0.60 0.00	35.83 -0.49 0.00	33.96 -0.42 0.00	32.47 -0.09 0.00	33.33 0.13 0.00	32.20 -0.32 0.00	31.95 -0.64 0.00	77.42 -0.68 0.00	50.31 -1.08 0.00	56.96 -1.19 0.00	44.85 -1.12 0.00	44.01 -0.79 0.00	38.36 -0.65 0.00	45.99 -0.63 0.00
LOCKPORT___CC1 323769	42.89 -0.35 0.00	40.78 0.09 0.00	45.25 0.52 0.00	40.69 0.29 0.00	38.13 0.23 0.00	39.69 0.75 0.00	51.35 0.30 0.00	46.71 0.09 0.00	43.65 -0.59 0.00	41.20 -0.57 0.00	37.78 -0.62 0.00	35.81 -0.52 0.00	33.95 -0.44 0.00	32.43 -0.13 0.00	33.30 0.10 0.00	32.19 -0.34 0.00	31.93 -0.66 0.00	77.44 -0.67 0.00	50.29 -1.10 0.00	56.95 -1.20 0.00	44.82 -1.15 0.00	43.99 -0.81 0.00	38.35 -0.66 0.00	45.93 -0.69 0.00
LOCKPORT___CC2 323770	42.89 -0.35 0.00	40.78 0.09 0.00	45.25 0.52 0.00	40.69 0.29 0.00	38.13 0.23 0.00	39.69 0.75 0.00	51.35 0.30 0.00	46.71 0.09 0.00	43.65 -0.59 0.00	41.20 -0.57 0.00	37.78 -0.62 0.00	35.81 -0.52 0.00	33.95 -0.44 0.00	32.43 -0.13 0.00	33.30 0.10 0.00	32.19 -0.34 0.00	31.93 -0.66 0.00	77.44 -0.67 0.00	50.29 -1.10 0.00	56.95 -1.20 0.00	44.82 -1.15 0.00	43.99 -0.81 0.00	38.35 -0.66 0.00	45.93 -0.69 0.00
LOCKPORT___CC3 323771	42.89 -0.35 0.00	40.78 0.09 0.00	45.25 0.52 0.00	40.69 0.29 0.00	38.13 0.23 0.00	39.69 0.75 0.00	51.35 0.30 0.00	46.71 0.09 0.00	43.65 -0.59 0.00	41.20 -0.57 0.00	37.78 -0.62 0.00	35.81 -0.52 0.00	33.95 -0.44 0.00	32.43 -0.13 0.00	33.30 0.10 0.00	32.19 -0.34 0.00	31.93 -0.66 0.00	77.44 -0.67 0.00	50.29 -1.10 0.00	56.95 -1.20 0.00	44.82 -1.15 0.00	43.99 -0.81 0.00	38.35 -0.66 0.00	45.93 -0.69 0.00
LONG_LAKE_PHOENIX 24014	42.58 -0.67 0.00	40.05 -0.64 0.00	44.07 -0.66 0.00	39.80 -0.61 0.00	37.33 -0.57 0.00	38.34 -0.60 0.00	50.25 -0.80 0.00	45.94 -0.67 0.00	43.48 -0.77 0.00	40.94 -0.83 0.00	37.50 -0.90 0.00	35.46 -0.86 0.00	33.59 -0.79 0.00	31.84 -0.72 0.00	32.45 -0.75 0.00	31.79 -0.73 0.00	31.87 -0.71 0.00	76.69 -1.41 0.00	50.58 -0.81 0.00	57.29 -0.87 0.00	45.28 -0.69 0.00	44.05 -0.75 0.00	38.31 -0.70 0.00	45.89 -0.73 0.00
LOVETT___3 23632	43.98 0.73 0.00	41.15 0.46 0.00	45.18 0.45 0.00	40.76 0.36 0.00	38.28 0.38 0.00	39.34 0.40 0.00	51.95 0.90 0.00	47.57 0.96 0.00	45.65 1.40 0.00	43.45 1.67 0.00	40.26 1.86 0.00	38.04 1.71 0.00	35.85 1.46 0.00	33.81 1.25 0.00	34.34 1.14 0.00	33.88 1.35 0.00	33.97 1.39 0.00	80.70 2.59 0.00	53.10 1.71 0.00	60.06 1.91 0.00	47.46 1.49 0.00	45.93 1.13 0.00	39.85 0.84 0.00	47.14 0.52 0.00
LOVETT___4 23642	43.98 0.73 0.00	41.15 0.46 0.00	45.18 0.45 0.00	40.76 0.36 0.00	38.28 0.38 0.00	39.34 0.40 0.00	51.95 0.90 0.00	47.57 0.96 0.00	45.65 1.40 0.00	43.45 1.67 0.00	40.26 1.86 0.00	38.04 1.71 0.00	35.85 1.46 0.00	33.81 1.25 0.00	34.34 1.14 0.00	33.88 1.35 0.00	33.97 1.39 0.00	80.70 2.59 0.00	53.10 1.71 0.00	60.06 1.91 0.00	47.46 1.49 0.00	45.93 1.13 0.00	39.85 0.84 0.00	47.14 0.52 0.00
LOVETT___5 23593	43.98 0.73 0.00	41.15 0.46 0.00	45.18 0.45 0.00	40.76 0.36 0.00	38.28 0.38 0.00	39.34 0.40 0.00	51.95 0.90 0.00	47.57 0.96 0.00	45.65 1.40 0.00	43.45 1.67 0.00	40.26 1.86 0.00	38.04 1.71 0.00	35.85 1.46 0.00	33.81 1.25 0.00	34.34 1.14 0.00	33.88 1.35 0.00	33.97 1.39 0.00	80.70 2.59 0.00	53.10 1.71 0.00	60.06 1.91 0.00	47.46 1.49 0.00	45.93 1.13 0.00	39.85 0.84 0.00	47.14 0.52 0.00
LOWER RAQUET___HYD 24057	43.31 0.06 0.00	40.90 0.21 0.00	44.75 0.01 0.00	40.46 0.05 0.00	37.92 0.02 0.00	39.21 0.27 0.00	51.43 0.38 0.00	46.80 0.18 0.00	43.82 -0.42 0.00	40.96 -0.81 0.00	37.60 -0.80 0.00	35.61 -0.72 0.00	33.65 -0.73 0.00	31.86 -0.71 0.00	32.50 -0.70 0.00	31.72 -0.80 0.00	31.71 -0.87 0.00	76.80 -1.31 0.00	50.77 -0.62 0.00	57.98 -0.17 0.00	45.87 -0.10 0.00	44.89 0.09 0.00	39.25 0.24 0.00	46.97 0.34 0.00
LOWER___HUDSON 24059	43.52 0.27 0.00	40.77 0.09 0.00	44.68 -0.05 0.00	40.43 0.03 0.00	38.05 0.15 0.00	39.10 0.17 0.00	51.67 0.61 0.00	47.06 0.44 0.00	44.82 0.57 0.00	42.25 0.48 0.00	38.79 0.39 0.00	36.65 0.33 0.00	34.68 0.29 0.00	32.70 0.14 0.00	33.33 0.12 0.00	32.82 0.29 0.00	33.02 0.44 0.00	78.53 0.43 0.00	52.03 0.65 0.00	58.66 0.51 0.00	46.43 0.46 0.00	45.04 0.24 0.00	39.17 0.16 0.00	46.78 0.15 0.00
LOWVILLE_115KV_TB2 356335	43.18 -0.07 0.00	40.60 -0.08 0.00	44.20 -0.54 0.00	40.01 -0.39 0.00	37.51 -0.39 0.00	38.66 -0.28 0.00	50.98 -0.07 0.00	46.51 -0.10 0.00	43.48 -0.76 0.00	40.39 -1.38 0.00	37.24 -1.16 0.00	35.36 -0.96 0.00	33.28 -1.10 0.00	31.61 -0.95 0.00	32.28 -0.92 0.00	31.68 -0.85 0.00	31.80 -0.78 0.00	76.77 -1.34 0.00	51.76 0.38 0.00	59.18 1.03 0.00	46.95 0.98 0.00	45.62 0.82 0.00	39.55 0.53 0.00	47.08 0.45 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	44.55 1.30 0.00	41.70 1.01 0.00	45.67 0.94 0.00	41.30 0.90 0.00	38.87 0.98 0.00	40.04 1.10 0.00	53.03 1.97 0.00	48.24 1.62 0.00	45.84 1.60 0.00	43.02 1.25 0.00	39.40 1.00 0.00	37.14 0.82 0.00	35.17 0.78 0.00	33.12 0.56 0.00	33.75 0.55 0.00	33.30 0.78 0.00	33.55 0.97 0.00	80.15 2.05 0.00	53.17 1.79 0.00	60.04 1.89 0.00	47.49 1.52 0.00	46.05 1.26 0.00	40.04 1.03 0.00	47.75 1.13 0.00

LUTHERNY_35_KV_BK2 355980	44.61 1.36 0.00	41.71 1.02 0.00	45.66 0.92 0.00	41.28 0.88 0.00	38.85 0.95 0.00	40.03 1.09 0.00	53.04 1.99 0.00	48.26 1.65 0.00	45.85 1.61 0.00	43.00 1.22 0.00	39.38 0.99 0.00	37.13 0.81 0.00	35.19 0.80 0.00	33.12 0.55 0.00	33.73 0.53 0.00	33.30 0.77 0.00	33.56 0.97 0.00	80.17 2.06 0.00	53.25 1.86 0.00	60.05 1.90 0.00	47.51 1.54 0.00	46.07 1.27 0.00	40.06 1.05 0.00	47.80 1.18 0.00
LWR___OSWEGATCHIE_HYD 23850	42.70 -0.55 0.00	40.23 -0.46 0.00	43.90 -0.84 0.00	39.72 -0.68 0.00	37.25 -0.65 0.00	38.45 -0.49 0.00	50.57 -0.48 0.00	46.07 -0.54 0.00	43.04 -1.21 0.00	40.04 -1.73 0.00	36.84 -1.56 0.00	34.93 -1.39 0.00	32.94 -1.45 0.00	31.22 -1.34 0.00	31.86 -1.35 0.00	31.18 -1.35 0.00	31.23 -1.35 0.00	75.49 -2.62 0.00	50.53 -0.85 0.00	57.84 -0.31 0.00	45.83 -0.14 0.00	44.69 -0.11 0.00	38.90 -0.11 0.00	46.43 -0.19 0.00
LYONS_FALL_HYD 23570	43.45 0.20 0.00	40.82 0.14 0.00	44.60 -0.13 0.00	40.35 -0.06 0.00	37.83 -0.07 0.00	38.98 0.04 0.00	51.39 0.33 0.00	46.91 0.29 0.00	44.08 -0.17 0.00	41.11 -0.66 0.00	37.80 -0.60 0.00	35.83 -0.49 0.00	33.78 -0.60 0.00	32.07 -0.50 0.00	32.73 -0.47 0.00	32.10 -0.43 0.00	32.23 -0.35 0.00	77.82 -0.28 0.00	52.10 0.72 0.00	59.31 1.16 0.00	46.99 1.03 0.00	45.66 0.85 0.00	39.62 0.61 0.00	47.19 0.57 0.00
MADISON___COUNTY_LFGE 323628	43.96 0.72 0.00	41.28 0.60 0.00	45.38 0.65 0.00	40.98 0.58 0.00	38.45 0.55 0.00	39.59 0.65 0.00	52.15 1.10 0.00	47.68 1.07 0.00	45.07 0.83 0.00	42.17 0.40 0.00	38.57 0.17 0.00	36.45 0.13 0.00	34.46 0.08 0.00	32.68 0.12 0.00	33.35 0.15 0.00	32.68 0.15 0.00	32.82 0.24 0.00	79.31 1.21 0.00	52.75 1.36 0.00	59.79 1.64 0.00	47.30 1.33 0.00	45.94 1.15 0.00	39.89 0.88 0.00	47.52 0.90 0.00
MALONE___115KV_TB1 356076	43.60 0.35 0.00	41.32 0.63 0.00	45.31 0.58 0.00	41.00 0.59 0.00	38.53 0.63 0.00	39.90 0.96 0.00	52.49 1.44 0.00	47.65 1.03 0.00	44.67 0.43 0.00	42.03 0.25 0.00	38.59 0.20 0.00	36.50 0.18 0.00	34.47 0.09 0.00	32.48 -0.08 0.00	33.20 -0.01 0.00	32.44 -0.09 0.00	32.39 -0.19 0.00	78.23 0.13 0.00	51.76 0.38 0.00	59.25 1.10 0.00	46.87 0.91 0.00	46.02 1.22 0.00	40.32 1.31 0.00	48.38 1.76 0.00
MAPLEWOD_115KV_TB3 80458	43.30 0.05 0.00	40.59 -0.09 0.00	44.53 -0.21 0.00	40.29 -0.11 0.00	37.92 0.03 0.00	38.89 -0.04 0.00	51.35 0.30 0.00	46.87 0.26 0.00	44.66 0.42 0.00	42.19 0.42 0.00	38.73 0.33 0.00	36.61 0.29 0.00	34.69 0.30 0.00	32.75 0.19 0.00	33.36 0.15 0.00	32.82 0.30 0.00	32.99 0.41 0.00	78.43 0.33 0.00	51.88 0.50 0.00	58.52 0.37 0.00	46.35 0.38 0.00	44.92 0.12 0.00	39.03 0.02 0.00	46.58 -0.04 0.00
MAPLE_RIDGE_WT_1 323574	43.34 0.09 0.00	40.74 0.06 0.00	44.60 -0.13 0.00	40.33 -0.08 0.00	37.74 -0.16 0.00	38.79 -0.15 0.00	50.83 -0.22 0.00	46.33 -0.28 0.00	43.86 -0.38 0.00	41.45 -0.32 0.00	38.29 -0.11 0.00	36.35 0.03 0.00	34.36 -0.03 0.00	32.58 0.02 0.00	33.27 0.07 0.00	32.57 0.04 0.00	32.59 0.01 0.00	78.22 0.11 0.00	51.43 0.05 0.00	58.26 0.10 0.00	46.03 0.06 0.00	44.85 0.05 0.00	39.04 0.03 0.00	46.71 0.08 0.00
MAPLE_RIDGE_WT_2 323611	43.34 0.09 0.00	40.74 0.06 0.00	44.60 -0.13 0.00	40.33 -0.08 0.00	37.74 -0.16 0.00	38.79 -0.15 0.00	50.83 -0.22 0.00	46.33 -0.28 0.00	43.86 -0.38 0.00	41.45 -0.32 0.00	38.29 -0.11 0.00	36.35 0.03 0.00	34.36 -0.03 0.00	32.58 0.02 0.00	33.27 0.07 0.00	32.57 0.04 0.00	32.59 0.01 0.00	78.22 0.11 0.00	51.43 0.05 0.00	58.26 0.10 0.00	46.03 0.06 0.00	44.85 0.05 0.00	39.04 0.03 0.00	46.71 0.08 0.00
MARBLE_RIVER_WT_PWR 323696	43.39 0.14 0.00	41.16 0.47 0.00	45.20 0.46 0.00	40.89 0.48 0.00	38.42 0.52 0.00	39.72 0.78 0.00	52.21 1.15 0.00	47.28 0.66 0.00	44.45 0.20 0.00	41.86 0.09 0.00	38.50 0.10 0.00	36.44 0.11 0.00	34.45 0.07 0.00	32.51 -0.06 0.00	33.28 0.08 0.00	32.55 0.03 0.00	32.47 -0.11 0.00	78.22 0.12 0.00	51.64 0.25 0.00	58.94 0.78 0.00	46.63 0.66 0.00	45.76 0.96 0.00	40.15 1.14 0.00	48.23 1.60 0.00
MARSHVLE_115KV_TB1 80742	45.46 2.21 0.00	42.75 2.07 0.00	47.04 2.30 0.00	42.53 2.12 0.00	39.92 2.03 0.00	41.15 2.21 0.00	54.23 3.18 0.00	49.47 2.85 0.00	46.41 2.17 0.00	43.09 1.31 0.00	39.07 0.67 0.00	36.88 0.56 0.00	34.53 0.14 0.00	31.98 -0.58 0.00	32.48 -0.72 0.00	32.04 -0.48 0.00	32.45 -0.13 0.00	80.84 2.74 0.00	54.29 2.90 0.00	61.99 3.83 0.00	49.11 3.14 0.00	47.72 2.92 0.00	41.53 2.52 0.00	49.51 2.89 0.00
MARSH_HILL_WT_PWR 323713	42.00 -1.25 0.00	40.05 -0.63 0.00	45.04 0.31 0.00	40.83 0.43 0.00	38.35 0.45 0.00	39.78 0.85 0.00	51.93 0.88 0.00	47.64 1.03 0.00	44.71 0.46 0.00	41.78 0.00 0.00	38.07 -0.33 0.00	35.86 -0.46 0.00	33.86 -0.53 0.00	32.27 -0.30 0.00	33.20 0.00 0.00	32.31 -0.21 0.00	32.35 -0.23 0.00	79.60 1.49 0.00	52.05 0.66 0.00	59.23 1.08 0.00	46.43 0.46 0.00	45.18 0.38 0.00	39.15 0.14 0.00	46.05 -0.57 0.00
MCINTYRE_115KV_TB2 80467	44.92 1.67 0.00	42.40 1.71 0.00	46.42 1.69 0.00	41.98 1.57 0.00	39.34 1.45 0.00	40.72 1.78 0.00	53.45 2.40 0.00	48.61 2.00 0.00	45.32 1.08 0.00	42.14 0.37 0.00	38.65 0.26 0.00	36.56 0.23 0.00	34.57 0.18 0.00	32.74 0.18 0.00	33.40 0.20 0.00	32.57 0.04 0.00	32.54 -0.05 0.00	78.86 0.76 0.00	52.08 0.69 0.00	59.92 1.76 0.00	47.41 1.44 0.00	46.39 1.59 0.00	40.56 1.55 0.00	48.48 1.86 0.00
MECO_____69_KV_BK1 80468	45.52 2.28 0.00	42.74 2.06 0.00	47.00 2.26 0.00	42.49 2.09 0.00	39.95 2.05 0.00	41.18 2.24 0.00	54.40 3.34 0.00	49.65 3.04 0.00	46.52 2.28 0.00	43.05 1.28 0.00	38.70 0.31 0.00	36.32 0.00 0.00	34.17 -0.21 0.00	31.87 -0.69 0.00	32.39 -0.81 0.00	31.93 -0.60 0.00	32.24 -0.34 0.00	79.87 1.77 0.00	54.21 2.83 0.00	62.08 3.93 0.00	49.22 3.25 0.00	47.76 2.96 0.00	41.48 2.46 0.00	49.41 2.78 0.00
MENANDS___115KV_TB5 355628	43.03 -0.22 0.00	40.35 -0.34 0.00	44.26 -0.48 0.00	40.05 -0.36 0.00	37.71 -0.19 0.00	38.66 -0.27 0.00	51.01 -0.04 0.00	46.55 -0.07 0.00	44.39 0.14 0.00	41.98 0.20 0.00	38.58 0.18 0.00	36.49 0.16 0.00	34.58 0.19 0.00	32.66 0.09 0.00	33.25 0.05 0.00	32.73 0.20 0.00	32.89 0.31 0.00	78.04 -0.07 0.00	51.57 0.18 0.00	58.12 -0.03 0.00	46.03 0.07 0.00	44.60 -0.20 0.00	38.76 -0.25 0.00	46.30 -0.32 0.00
MG INDUSTRY___DRP 24185	43.34 0.09 0.00	40.67 -0.01 0.00	44.71 -0.02 0.00	40.43 0.02 0.00	38.05 0.15 0.00	38.98 0.04 0.00	51.38 0.33 0.00	46.86 0.24 0.00	44.60 0.36 0.00	42.10 0.33 0.00	38.56 0.16 0.00	36.44 0.12 0.00	34.51 0.12 0.00	32.63 0.06 0.00	33.20 0.00 0.00	32.67 0.14 0.00	32.81 0.23 0.00	78.35 0.24 0.00	51.86 0.47 0.00	58.58 0.43 0.00	46.36 0.39 0.00	44.92 0.13 0.00	39.05 0.04 0.00	46.62 -0.01 0.00

MID___OSWEGATCHIE_HYD 23849	42.70 -0.55 0.00	40.23 -0.46 0.00	43.90 -0.84 0.00	39.72 -0.68 0.00	37.25 -0.65 0.00	38.45 -0.49 0.00	50.57 -0.48 0.00	46.07 -0.54 0.00	43.04 -1.21 0.00	40.04 -1.73 0.00	36.84 -1.56 0.00	34.93 -1.39 0.00	32.94 -1.45 0.00	31.22 -1.34 0.00	31.86 -1.35 0.00	31.18 -1.35 0.00	31.23 -1.35 0.00	75.49 -2.62 0.00	50.53 -0.85 0.00	57.84 -0.31 0.00	45.83 -0.14 0.00	44.69 -0.11 0.00	38.90 -0.11 0.00	46.43 -0.19 0.00
MID___RAQUETTE_HYD 23851	43.31 0.06 0.00	40.89 0.20 0.00	44.75 0.01 0.00	40.46 0.05 0.00	37.92 0.02 0.00	39.21 0.27 0.00	51.43 0.38 0.00	46.80 0.18 0.00	43.82 -0.42 0.00	40.96 -0.82 0.00	37.60 -0.80 0.00	35.61 -0.72 0.00	33.65 -0.73 0.00	31.86 -0.71 0.00	32.50 -0.70 0.00	31.72 -0.80 0.00	31.71 -0.87 0.00	76.80 -1.30 0.00	50.77 -0.62 0.00	57.98 -0.17 0.00	45.87 -0.10 0.00	44.89 0.09 0.00	39.25 0.23 0.00	46.97 0.34 0.00
MILLIKEN___1 23584	43.69 0.45 0.00	41.15 0.46 0.00	45.38 0.64 0.00	40.96 0.56 0.00	38.44 0.54 0.00	39.52 0.58 0.00	51.93 0.87 0.00	47.62 1.01 0.00	45.04 0.79 0.00	42.23 0.46 0.00	38.58 0.19 0.00	36.30 -0.02 0.00	34.37 -0.01 0.00	32.53 -0.03 0.00	33.24 0.04 0.00	32.55 0.02 0.00	32.65 0.06 0.00	79.12 1.01 0.00	52.33 0.94 0.00	59.56 1.41 0.00	47.06 1.10 0.00	45.66 0.86 0.00	39.67 0.66 0.00	47.28 0.66 0.00
MILLIKEN___2 23585	43.69 0.45 0.00	41.15 0.46 0.00	45.38 0.64 0.00	40.96 0.56 0.00	38.44 0.54 0.00	39.52 0.58 0.00	51.93 0.87 0.00	47.62 1.01 0.00	45.04 0.79 0.00	42.23 0.46 0.00	38.58 0.19 0.00	36.30 -0.02 0.00	34.37 -0.01 0.00	32.53 -0.03 0.00	33.24 0.04 0.00	32.55 0.02 0.00	32.65 0.06 0.00	79.12 1.01 0.00	52.33 0.94 0.00	59.56 1.41 0.00	47.06 1.10 0.00	45.66 0.86 0.00	39.67 0.66 0.00	47.28 0.66 0.00
MILLIKEN___DIESEL 23629	43.69 0.45 0.00	41.15 0.46 0.00	45.38 0.64 0.00	40.96 0.56 0.00	38.44 0.54 0.00	39.52 0.58 0.00	51.93 0.87 0.00	47.62 1.01 0.00	45.04 0.79 0.00	42.23 0.46 0.00	38.58 0.19 0.00	36.30 -0.02 0.00	34.37 -0.01 0.00	32.53 -0.03 0.00	33.24 0.04 0.00	32.55 0.02 0.00	32.65 0.06 0.00	79.12 1.01 0.00	52.33 0.94 0.00	59.56 1.41 0.00	47.06 1.10 0.00	45.66 0.86 0.00	39.67 0.66 0.00	47.28 0.66 0.00
MILLSEAT___LFGE 323607	43.69 0.44 0.00	41.46 0.77 0.00	45.94 1.20 0.00	41.32 0.92 0.00	38.75 0.85 0.00	40.36 1.42 0.00	52.26 1.21 0.00	47.50 0.88 0.00	44.28 0.03 0.00	41.61 -0.17 0.00	38.05 -0.34 0.00	36.10 -0.22 0.00	34.22 -0.16 0.00	32.66 0.10 0.00	33.56 0.36 0.00	32.38 -0.15 0.00	32.20 -0.39 0.00	78.59 0.49 0.00	51.28 -0.10 0.00	58.24 0.09 0.00	45.90 -0.07 0.00	44.95 0.15 0.00	39.13 0.12 0.00	46.82 0.19 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	44.09 0.84 0.00	41.26 0.57 0.00	45.30 0.57 0.00	40.87 0.46 0.00	38.39 0.50 0.00	39.45 0.51 0.00	52.12 1.06 0.00	47.74 1.12 0.00	45.80 1.56 0.00	43.59 1.82 0.00	40.39 1.99 0.00	38.17 1.85 0.00	35.98 1.59 0.00	33.93 1.37 0.00	34.46 1.26 0.00	33.98 1.45 0.00	34.08 1.50 0.00	80.92 2.82 0.00	53.24 1.85 0.00	60.20 2.05 0.00	47.58 1.61 0.00	46.04 1.24 0.00	39.94 0.93 0.00	47.26 0.63 0.00
MILLWOOD_13_KV_LOAD 356217	44.16 0.91 0.00	41.33 0.64 0.00	45.36 0.63 0.00	40.91 0.51 0.00	38.43 0.54 0.00	39.49 0.55 0.00	52.19 1.14 0.00	47.81 1.20 0.00	45.88 1.64 0.00	43.65 1.88 0.00	40.44 2.04 0.00	38.22 1.90 0.00	36.02 1.63 0.00	33.96 1.40 0.00	34.50 1.30 0.00	34.02 1.49 0.00	34.13 1.55 0.00	81.04 2.94 0.00	53.31 1.93 0.00	60.30 2.15 0.00	47.66 1.69 0.00	46.11 1.31 0.00	39.99 0.98 0.00	47.31 0.69 0.00
MODEL_CITY_ENERGY 24167	42.70 -0.55 0.00	40.61 -0.08 0.00	45.06 0.33 0.00	40.50 0.09 0.00	37.93 0.04 0.00	39.50 0.57 0.00	51.06 0.00 0.00	46.30 -0.31 0.00	43.25 -0.99 0.00	40.92 -0.85 0.00	37.55 -0.84 0.00	35.61 -0.71 0.00	33.76 -0.63 0.00	32.27 -0.29 0.00	33.13 -0.08 0.00	32.01 -0.51 0.00	31.73 -0.86 0.00	76.68 -1.42 0.00	49.79 -1.60 0.00	56.35 -1.81 0.00	44.35 -1.62 0.00	43.58 -1.22 0.00	38.01 -1.00 0.00	45.64 -0.99 0.00
MODERN_LFGE___ 323580	42.70 -0.55 0.00	40.61 -0.08 0.00	45.06 0.33 0.00	40.50 0.09 0.00	37.93 0.04 0.00	39.50 0.57 0.00	51.06 0.00 0.00	46.30 -0.31 0.00	43.25 -0.99 0.00	40.92 -0.85 0.00	37.55 -0.84 0.00	35.61 -0.71 0.00	33.76 -0.63 0.00	32.27 -0.29 0.00	33.13 -0.08 0.00	32.01 -0.51 0.00	31.73 -0.86 0.00	76.68 -1.42 0.00	49.79 -1.60 0.00	56.35 -1.81 0.00	44.35 -1.62 0.00	43.58 -1.22 0.00	38.01 -1.00 0.00	45.64 -0.99 0.00
MOHAWK_PAPER___DRP 24187	43.30 0.05 0.00	40.59 -0.09 0.00	44.53 -0.21 0.00	40.29 -0.11 0.00	37.92 0.03 0.00	38.89 -0.04 0.00	51.35 0.30 0.00	46.87 0.26 0.00	44.66 0.42 0.00	42.19 0.42 0.00	38.73 0.33 0.00	36.61 0.29 0.00	34.69 0.30 0.00	32.75 0.19 0.00	33.36 0.15 0.00	32.82 0.30 0.00	32.99 0.41 0.00	78.43 0.33 0.00	51.88 0.50 0.00	58.52 0.37 0.00	46.35 0.38 0.00	44.92 0.12 0.00	39.03 0.02 0.00	46.58 -0.04 0.00
MOHICAN___35_KV_115KV_LD 80490	45.04 1.79 0.00	42.15 1.46 0.00	46.09 1.36 0.00	41.67 1.27 0.00	39.25 1.35 0.00	40.53 1.59 0.00	53.77 2.72 0.00	48.93 2.31 0.00	46.42 2.18 0.00	43.46 1.68 0.00	39.77 1.37 0.00	37.46 1.14 0.00	35.38 1.00 0.00	33.31 0.74 0.00	33.95 0.75 0.00	33.46 0.93 0.00	33.75 1.17 0.00	80.74 2.64 0.00	53.80 2.41 0.00	60.73 2.58 0.00	48.00 2.03 0.00	46.60 1.80 0.00	40.55 1.54 0.00	48.28 1.66 0.00
MONGAUP___HYD 23641	44.37 1.12 0.00	41.54 0.85 0.00	45.62 0.89 0.00	41.17 0.77 0.00	38.66 0.76 0.00	39.73 0.79 0.00	52.14 1.09 0.00	47.34 0.72 0.00	45.25 1.00 0.00	43.11 1.34 0.00	40.07 1.68 0.00	37.52 1.20 0.00	35.36 0.97 0.00	33.38 0.81 0.00	33.91 0.70 0.00	33.39 0.86 0.00	33.52 0.94 0.00	79.99 1.89 0.00	52.96 1.58 0.00	60.16 2.01 0.00	47.66 1.69 0.00	46.15 1.35 0.00	40.28 1.27 0.00	47.68 1.05 0.00
MONTAUK___DIESEL 23721	46.53 1.96 -1.33	42.99 1.62 -0.67	46.30 1.59 0.02	40.39 0.32 0.33	35.36 -0.44 2.09	37.01 0.11 2.04	54.11 2.10 -0.95	48.44 2.18 0.36	50.41 2.68 -3.48	49.86 3.03 -5.06	45.88 2.67 -4.82	44.87 2.78 -5.77	35.42 1.98 0.95	32.82 1.26 1.01	32.70 0.89 1.40	32.89 1.64 1.27	31.79 0.81 1.60	74.89 -0.35 2.86	53.55 0.34 -1.82	62.33 1.95 -2.22	50.19 2.32 -1.91	48.48 2.18 -1.50	40.99 1.56 -0.43	47.90 1.28 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	44.25 1.00 0.00	41.91 1.23 0.00	46.70 1.97 0.00	42.05 1.65 0.00	39.36 1.46 0.00	40.91 1.97 0.00	53.22 2.17 0.00	48.86 2.24 0.00	46.24 1.99 0.00	43.83 2.05 0.00	40.22 1.83 0.00	37.95 1.63 0.00	36.01 1.63 0.00	34.33 1.76 0.00	35.28 2.08 0.00	34.21 1.68 0.00	34.06 1.48 0.00	82.18 4.08 0.00	53.39 2.01 0.00	60.05 1.90 0.00	47.10 1.14 0.00	45.61 0.81 0.00	39.08 0.07 0.00	46.12 -0.51 0.00

MORRIS_RIDGE___SOLAR 323848	42.35 -0.90 0.00	40.26 -0.43 0.00	44.91 0.18 0.00	40.51 0.10 0.00	38.00 0.10 0.00	39.39 0.46 0.00	51.31 0.26 0.00	46.92 0.30 0.00	43.92 -0.33 0.00	41.02 -0.75 0.00	37.52 -0.88 0.00	35.38 -0.94 0.00	33.47 -0.92 0.00	31.90 -0.66 0.00	32.83 -0.38 0.00	31.89 -0.64 0.00	31.90 -0.68 0.00	78.37 0.27 0.00	51.23 -0.15 0.00	58.19 0.04 0.00	45.73 -0.24 0.00	44.56 -0.24 0.00	38.65 -0.36 0.00	45.66 -0.96 0.00
MORTIMER_115KV_TB3 55949	43.24 -0.01 0.00	40.88 0.19 0.00	45.17 0.44 0.00	40.69 0.28 0.00	38.15 0.25 0.00	39.52 0.58 0.00	51.62 0.57 0.00	47.25 0.64 0.00	44.40 0.16 0.00	41.71 -0.06 0.00	38.18 -0.22 0.00	36.08 -0.24 0.00	34.18 -0.21 0.00	32.54 -0.02 0.00	33.28 0.08 0.00	32.41 -0.12 0.00	32.33 -0.25 0.00	78.46 0.36 0.00	51.32 -0.06 0.00	58.15 0.00 0.00	45.85 -0.12 0.00	44.73 -0.07 0.00	38.93 -0.08 0.00	46.53 -0.09 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	44.35 1.10 0.00	41.50 0.81 0.00	45.52 0.79 0.00	41.07 0.66 0.00	38.59 0.69 0.00	39.66 0.73 0.00	52.42 1.36 0.00	48.08 1.46 0.00	46.19 1.95 0.00	43.99 2.22 0.00	40.82 2.42 0.00	38.61 2.29 0.00	36.40 2.01 0.00	34.33 1.76 0.00	34.86 1.66 0.00	34.37 1.84 0.00	34.43 1.85 0.00	81.63 3.53 0.00	53.63 2.25 0.00	60.64 2.49 0.00	47.93 1.96 0.00	46.35 1.56 0.00	40.20 1.19 0.00	47.52 0.89 0.00
MUNSVILLE_WIND_PWR 323609	44.05 0.80 0.00	41.78 1.09 0.00	45.91 1.17 0.00	41.56 1.15 0.00	39.54 1.64 0.00	40.57 1.63 0.00	53.34 2.28 0.00	49.16 2.55 0.00	46.46 2.21 0.00	43.26 1.49 0.00	39.73 1.33 0.00	37.37 1.05 0.00	34.89 0.50 0.00	32.64 0.07 0.00	33.40 0.20 0.00	32.83 0.30 0.00	33.24 0.66 0.00	82.48 4.38 0.00	54.76 3.37 0.00	63.11 4.96 0.00	50.11 4.14 0.00	48.51 3.71 0.00	42.08 3.07 0.00	49.89 3.27 0.00
N SALMON___HYD 24042	43.60 0.35 0.00	41.32 0.63 0.00	45.31 0.58 0.00	41.00 0.59 0.00	38.53 0.63 0.00	39.89 0.96 0.00	52.49 1.44 0.00	47.65 1.03 0.00	44.68 0.43 0.00	42.03 0.25 0.00	38.59 0.20 0.00	36.50 0.18 0.00	34.47 0.09 0.00	32.48 -0.08 0.00	33.20 -0.01 0.00	32.44 -0.09 0.00	32.40 -0.19 0.00	78.23 0.13 0.00	51.76 0.38 0.00	59.25 1.10 0.00	46.88 0.91 0.00	46.02 1.22 0.00	40.32 1.31 0.00	48.38 1.76 0.00
N.AKRON__115KV_KNAPP 355671	43.65 0.40 0.00	41.44 0.75 0.00	45.92 1.19 0.00	41.31 0.91 0.00	38.73 0.83 0.00	40.35 1.41 0.00	52.29 1.24 0.00	47.53 0.91 0.00	44.33 0.09 0.00	41.69 -0.08 0.00	38.15 -0.25 0.00	36.17 -0.15 0.00	34.33 -0.05 0.00	32.81 0.24 0.00	33.81 0.61 0.00	32.45 -0.07 0.00	32.25 -0.33 0.00	78.72 0.61 0.00	51.25 -0.13 0.00	58.17 0.01 0.00	45.82 -0.15 0.00	44.88 0.08 0.00	39.07 0.06 0.00	46.77 0.14 0.00
N.BELMOR_69_KV_BK1 55787	54.09 1.65 -9.18	51.08 1.39 -9.00	47.25 1.37 -1.14	42.44 1.02 -1.02	45.23 0.99 -6.34	46.19 1.08 -6.17	62.02 1.97 -9.00	49.35 1.77 -0.97	59.13 2.28 -12.61	53.82 2.58 -9.47	55.62 2.55 -14.67	61.90 2.62 -22.97	41.11 2.32 -4.40	37.79 1.98 -3.25	39.15 1.72 -4.23	41.55 2.15 -6.87	41.39 2.02 -6.79	89.86 3.34 -8.41	70.60 2.22 -16.99	74.20 2.77 -13.28	61.07 2.07 -13.03	55.50 1.81 -8.89	55.30 1.35 -14.93	47.67 1.04 -0.01
N.E_GEN_SANDY PD 24062	43.48 0.23 0.00	40.85 0.03 -0.13	44.61 -0.13 0.00	40.36 -0.05 0.00	37.91 0.07 0.07	39.11 0.07 -0.10	51.54 0.49 0.00	39.32 0.36 7.65	44.87 0.62 0.00	42.08 0.72 0.42	41.49 0.78 -2.32	37.05 0.71 -0.01	35.00 0.61 0.00	32.99 0.43 0.00	33.59 0.38 0.00	33.24 0.56 -0.15	33.25 0.67 0.00	78.43 0.72 0.38	52.10 0.72 0.00	55.77 0.55 2.94	46.46 0.49 0.00	45.04 0.24 0.00	39.14 0.13 0.00	47.04 0.02 -0.39
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	44.05 0.80 0.00	41.22 0.53 0.00	45.27 0.53 0.00	40.83 0.42 0.00	38.34 0.44 0.00	39.42 0.48 0.00	52.07 1.02 0.00	47.68 1.07 0.00	45.74 1.50 0.00	43.54 1.77 0.00	40.35 1.96 0.00	38.12 1.80 0.00	35.91 1.53 0.00	33.86 1.30 0.00	34.39 1.19 0.00	33.93 1.40 0.00	34.03 1.45 0.00	80.86 2.75 0.00	53.22 1.83 0.00	60.20 2.05 0.00	47.57 1.60 0.00	46.03 1.23 0.00	39.93 0.92 0.00	47.23 0.61 0.00
N.QUEENS_27_KV_LOAD 356247	44.45 1.20 0.00	41.55 0.86 -0.01	45.58 0.84 0.00	41.10 0.69 0.00	38.63 0.73 0.00	39.70 0.76 0.00	52.47 1.41 0.00	48.20 1.59 0.00	46.28 2.03 -0.01	44.09 2.31 -0.01	40.88 2.47 -0.01	38.69 2.36 -0.01	36.46 2.07 0.00	34.40 1.83 0.00	34.95 1.74 0.00	34.44 1.91 0.00	34.49 1.90 -0.01	81.61 3.50 0.00	53.72 2.25 -0.08	60.67 2.52 0.00	48.21 2.06 -0.18	46.43 1.63 0.00	40.25 1.23 0.00	47.51 0.89 0.00
N.TROY___115KV_TB1 355778	43.52 0.27 0.00	40.77 0.08 0.00	44.68 -0.05 0.00	40.43 0.03 0.00	38.05 0.15 0.00	39.11 0.17 0.00	51.67 0.62 0.00	47.06 0.45 0.00	44.82 0.58 0.00	42.26 0.48 0.00	38.79 0.40 0.00	36.65 0.33 0.00	34.68 0.30 0.00	32.70 0.14 0.00	33.33 0.12 0.00	32.82 0.29 0.00	33.02 0.44 0.00	78.53 0.43 0.00	52.03 0.65 0.00	58.66 0.50 0.00	46.43 0.46 0.00	45.05 0.25 0.00	39.17 0.16 0.00	46.78 0.15 0.00
NARROWS_GT1_1 24228	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
NARROWS_GT1_2 24229	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
NARROWS_GT1_3 24230	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
NARROWS_GT1_4 24231	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73

NARROWS_GT1_5 24232	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
NARROWS_GT1_6 24233	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
NARROWS_GT1_7 24234	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
NARROWS_GT1_8 24235	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
NARROWS_GT2_1 24236	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
NARROWS_GT2_2 24237	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
NARROWS_GT2_3 24238	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
NARROWS_GT2_4 24239	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
NARROWS_GT2_5 24240	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
NARROWS_GT2_6 24241	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
NARROWS_GT2_7 24242	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
NARROWS_GT2_8 24243	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	43.70 0.46 0.00	40.96 0.28 0.00	44.98 0.25 0.00	40.68 0.28 0.00	38.32 0.42 0.00	39.33 0.40 0.00	52.02 0.97 0.00	47.54 0.93 0.00	45.17 0.93 0.00	42.58 0.81 0.00	38.79 0.40 0.00	36.53 0.21 0.00	34.57 0.18 0.00	32.66 0.09 0.00	33.30 0.10 0.00	32.76 0.23 0.00	32.98 0.40 0.00	78.73 0.63 0.00	52.43 1.04 0.00	59.45 1.29 0.00	47.08 1.11 0.00	45.59 0.79 0.00	39.56 0.55 0.00	47.20 0.58 0.00
NCHELSEA_115KV_TR2 355582	44.40 1.15 0.00	41.55 0.86 0.00	45.61 0.87 0.00	41.16 0.76 0.00	38.68 0.78 0.00	39.72 0.78 0.00	52.51 1.45 0.00	48.10 1.49 0.00	46.07 1.83 0.00	43.78 2.01 0.00	40.49 2.09 0.00	38.21 1.89 0.00	36.03 1.64 0.00	33.98 1.42 0.00	34.54 1.34 0.00	34.06 1.53 0.00	34.20 1.62 0.00	81.38 3.28 0.00	53.62 2.24 0.00	60.64 2.49 0.00	47.91 1.94 0.00	46.36 1.56 0.00	40.22 1.20 0.00	47.60 0.97 0.00
NEG CAPITAL___MECHNVIL 23645	44.44 1.19 0.00	41.60 0.91 0.00	45.57 0.84 0.00	41.22 0.81 0.00	38.79 0.89 0.00	39.95 1.02 0.00	52.92 1.87 0.00	48.18 1.57 0.00	45.82 1.57 0.00	43.03 1.26 0.00	39.40 1.00 0.00	37.17 0.84 0.00	35.19 0.80 0.00	33.14 0.58 0.00	33.76 0.56 0.00	33.33 0.81 0.00	33.57 0.99 0.00	80.13 2.03 0.00	53.21 1.82 0.00	60.07 1.91 0.00	47.50 1.53 0.00	46.06 1.26 0.00	40.04 1.03 0.00	47.74 1.12 0.00

NEG CENTRAL_HIGH_ACRES 23767	42.50 -0.75 0.00	40.14 -0.55 0.00	44.33 -0.40 0.00	39.94 -0.46 0.00	37.46 -0.43 0.00	38.75 -0.18 0.00	50.69 -0.37 0.00	46.41 -0.20 0.00	43.68 -0.57 0.00	41.06 -0.72 0.00	37.58 -0.81 0.00	35.48 -0.85 0.00	33.56 -0.83 0.00	31.92 -0.64 0.00	32.61 -0.59 0.00	31.81 -0.72 0.00	31.80 -0.78 0.00	77.14 -0.97 0.00	50.58 -0.80 0.00	57.29 -0.87 0.00	45.19 -0.78 0.00	44.03 -0.77 0.00	38.28 -0.73 0.00	45.75 -0.87 0.00
NEG CENTRAL___DRP 24199	43.22 -0.03 0.00	40.73 0.04 0.00	45.00 0.27 0.00	40.62 0.21 0.00	38.12 0.22 0.00	39.30 0.36 0.00	51.53 0.48 0.00	47.29 0.67 0.00	44.65 0.41 0.00	41.97 0.19 0.00	38.36 -0.04 0.00	36.15 -0.17 0.00	34.23 -0.15 0.00	32.46 -0.10 0.00	33.20 -0.01 0.00	32.43 -0.10 0.00	32.50 -0.08 0.00	78.62 0.52 0.00	51.78 0.39 0.00	58.77 0.61 0.00	46.40 0.43 0.00	45.05 0.25 0.00	39.16 0.15 0.00	46.65 0.02 0.00
NEG CENTRAL___INDECK 23768	45.72 2.47 0.00	43.11 2.43 0.00	47.59 2.86 0.00	42.84 2.43 0.00	40.25 2.35 0.00	41.89 2.95 0.00	55.33 4.28 0.00	50.74 4.13 0.00	46.98 2.73 0.00	42.59 0.81 0.00	38.46 0.07 0.00	36.31 -0.01 0.00	34.35 -0.03 0.00	32.74 0.18 0.00	33.53 0.33 0.00	32.61 0.08 0.00	32.64 0.05 0.00	80.40 2.29 0.00	52.63 1.25 0.00	60.17 2.02 0.00	47.52 1.55 0.00	46.32 1.52 0.00	40.15 1.14 0.00	47.59 0.97 0.00
NEG CENTRAL___SENECA 23627	43.31 0.06 0.00	40.85 0.17 0.00	45.21 0.48 0.00	40.76 0.36 0.00	38.27 0.37 0.00	39.55 0.61 0.00	51.80 0.75 0.00	47.59 0.98 0.00	44.87 0.62 0.00	42.10 0.33 0.00	38.44 0.05 0.00	36.22 -0.10 0.00	34.29 -0.10 0.00	32.53 -0.03 0.00	33.32 0.12 0.00	32.51 -0.01 0.00	32.57 -0.02 0.00	79.03 0.93 0.00	52.02 0.63 0.00	59.04 0.88 0.00	46.61 0.64 0.00	45.27 0.47 0.00	39.32 0.31 0.00	46.73 0.10 0.00
NEG CENTRAL___STATE_STREET 24147	43.42 0.17 0.00	40.98 0.29 0.00	45.22 0.48 0.00	40.82 0.41 0.00	38.23 0.33 0.00	39.24 0.31 0.00	51.52 0.46 0.00	47.30 0.69 0.00	44.71 0.46 0.00	42.02 0.25 0.00	38.43 0.03 0.00	36.13 -0.18 0.00	34.29 -0.09 0.00	32.51 -0.05 0.00	33.21 0.01 0.00	32.49 -0.04 0.00	32.59 0.01 0.00	78.45 0.34 0.00	51.76 0.38 0.00	58.97 0.82 0.00	46.58 0.61 0.00	45.11 0.31 0.00	39.29 0.28 0.00	46.96 0.34 0.00
NEG MILLWOOD___DRP 24198	44.46 1.21 0.00	41.61 0.92 0.00	45.66 0.92 0.00	41.19 0.79 0.00	38.71 0.82 0.00	39.78 0.84 0.00	52.61 1.56 0.00	48.22 1.60 0.00	46.23 1.99 0.00	43.95 2.18 0.00	40.66 2.27 0.00	38.39 2.08 0.00	36.20 1.82 0.00	34.14 1.58 0.00	34.71 1.51 0.00	34.22 1.69 0.00	34.33 1.75 0.00	81.60 3.50 0.00	53.75 2.37 0.00	60.78 2.63 0.00	48.03 2.07 0.00	46.48 1.68 0.00	40.30 1.29 0.00	47.68 1.06 0.00
NEG NORTH_FLCN_SEA 23793	43.74 0.49 0.00	41.53 0.84 0.00	45.61 0.88 0.00	41.25 0.85 0.00	38.79 0.89 0.00	40.11 1.17 0.00	52.84 1.78 0.00	47.76 1.15 0.00	44.83 0.59 0.00	42.25 0.47 0.00	38.90 0.50 0.00	36.82 0.50 0.00	34.77 0.39 0.00	32.74 0.17 0.00	33.56 0.36 0.00	32.86 0.34 0.00	32.80 0.22 0.00	78.92 0.82 0.00	52.16 0.77 0.00	59.57 1.42 0.00	47.16 1.19 0.00	46.32 1.52 0.00	40.64 1.63 0.00	48.81 2.19 0.00
NEG NORTH_KES_CHATEGAY 23792	43.27 0.02 0.00	41.07 0.39 0.00	45.11 0.37 0.00	40.81 0.41 0.00	38.37 0.47 0.00	39.69 0.75 0.00	52.15 1.09 0.00	47.22 0.60 0.00	44.38 0.13 0.00	41.80 0.02 0.00	38.43 0.03 0.00	36.38 0.06 0.00	34.40 0.02 0.00	32.45 -0.11 0.00	33.26 0.06 0.00	32.53 0.00 0.00	32.47 -0.12 0.00	78.23 0.13 0.00	51.63 0.24 0.00	58.94 0.78 0.00	46.62 0.65 0.00	45.78 0.98 0.00	40.17 1.16 0.00	48.27 1.65 0.00
NEG NORTH___ALICE_FALLS 23915	43.95 0.70 0.00	41.71 1.03 0.00	45.79 1.06 0.00	41.41 1.01 0.00	38.96 1.06 0.00	40.30 1.37 0.00	53.16 2.10 0.00	48.10 1.49 0.00	45.04 0.80 0.00	42.48 0.71 0.00	39.07 0.67 0.00	36.98 0.67 0.00	34.87 0.49 0.00	32.82 0.26 0.00	33.63 0.43 0.00	32.92 0.39 0.00	32.85 0.26 0.00	79.11 1.01 0.00	52.36 0.97 0.00	59.91 1.76 0.00	47.47 1.50 0.00	46.61 1.81 0.00	40.88 1.87 0.00	49.06 2.44 0.00
NEG NORTH___LWR_SARANAC 23913	43.95 0.70 0.00	41.71 1.03 0.00	45.79 1.06 0.00	41.41 1.01 0.00	38.96 1.06 0.00	40.30 1.37 0.00	53.16 2.10 0.00	48.10 1.49 0.00	45.04 0.80 0.00	42.48 0.71 0.00	39.07 0.67 0.00	36.98 0.67 0.00	34.87 0.49 0.00	32.82 0.26 0.00	33.63 0.43 0.00	32.92 0.39 0.00	32.85 0.26 0.00	79.11 1.01 0.00	52.36 0.97 0.00	59.91 1.76 0.00	47.47 1.50 0.00	46.61 1.81 0.00	40.88 1.87 0.00	49.06 2.44 0.00
NEG NORTH___PLATTSBURG 23628	43.95 0.70 0.00	41.71 1.03 0.00	45.80 1.06 0.00	41.42 1.01 0.00	38.96 1.06 0.00	40.30 1.37 0.00	53.16 2.10 0.00	48.10 1.49 0.00	45.04 0.80 0.00	42.48 0.71 0.00	39.07 0.67 0.00	36.98 0.66 0.00	34.88 0.49 0.00	32.82 0.26 0.00	33.63 0.43 0.00	32.92 0.39 0.00	32.85 0.27 0.00	79.11 1.01 0.00	52.36 0.97 0.00	59.92 1.76 0.00	47.47 1.50 0.00	46.61 1.81 0.00	40.88 1.87 0.00	49.06 2.44 0.00
NEG WEST_LEA_LOCKPORT 23791	42.90 -0.35 0.00	40.78 0.10 0.00	45.27 0.54 0.00	40.69 0.29 0.00	38.12 0.22 0.00	39.69 0.76 0.00	51.37 0.31 0.00	46.72 0.10 0.00	43.66 -0.59 0.00	41.21 -0.56 0.00	37.77 -0.63 0.00	35.80 -0.52 0.00	33.94 -0.45 0.00	32.44 -0.12 0.00	33.30 0.10 0.00	32.19 -0.33 0.00	31.93 -0.65 0.00	77.45 -0.65 0.00	50.31 -1.08 0.00	56.96 -1.19 0.00	44.83 -1.14 0.00	43.99 -0.81 0.00	38.35 -0.66 0.00	45.93 -0.69 0.00
NEG WEST___LANCASTER 23811	43.22 -0.03 0.00	40.98 0.29 0.00	45.43 0.70 0.00	40.81 0.41 0.00	38.25 0.36 0.00	39.76 0.82 0.00	51.58 0.53 0.00	47.27 0.65 0.00	44.47 0.22 0.00	41.97 0.19 0.00	38.48 0.08 0.00	36.40 0.08 0.00	34.53 0.14 0.00	32.96 0.40 0.00	33.86 0.66 0.00	32.85 0.33 0.00	32.67 0.08 0.00	79.18 1.08 0.00	51.43 0.04 0.00	58.20 0.05 0.00	45.72 -0.25 0.00	44.66 -0.14 0.00	38.83 -0.18 0.00	46.29 -0.33 0.00
NEG_PENN_ALLEGHNY 23528	43.27 0.02 0.00	40.72 0.03 0.00	44.94 0.20 0.00	40.50 0.10 0.00	37.99 0.10 0.00	39.09 0.16 0.00	51.28 0.22 0.00	47.01 0.39 0.00	44.95 0.71 0.00	42.29 0.52 0.00	38.75 0.36 0.00	36.59 0.27 0.00	34.63 0.25 0.00	32.83 0.26 0.00	33.61 0.41 0.00	32.88 0.35 0.00	32.94 0.36 0.00	79.39 1.29 0.00	52.03 0.64 0.00	58.85 0.70 0.00	46.42 0.45 0.00	45.10 0.30 0.00	39.15 0.14 0.00	46.56 -0.07 0.00
NEG___GEN_MONROE 24207	43.62 0.37 0.00	41.34 0.65 0.00	45.79 1.06 0.00	41.26 0.86 0.00	38.67 0.77 0.00	40.12 1.18 0.00	52.53 1.48 0.00	48.07 1.45 0.00	44.97 0.73 0.00	42.12 0.34 0.00	38.42 0.02 0.00	36.24 -0.09 0.00	34.26 -0.13 0.00	32.63 0.06 0.00	33.38 0.18 0.00	32.47 -0.06 0.00	32.38 -0.20 0.00	78.85 0.74 0.00	51.61 0.23 0.00	58.55 0.40 0.00	46.17 0.20 0.00	45.09 0.29 0.00	39.20 0.19 0.00	46.86 0.23 0.00

NEPA___ENERGY 23901	43.52 0.27 0.00	41.18 0.49 0.00	45.77 1.04 0.00	41.04 0.63 0.00	38.39 0.50 0.00	39.85 0.91 0.00	51.82 0.77 0.00	47.57 0.95 0.00	45.05 0.81 0.00	42.73 0.96 0.00	39.32 0.92 0.00	37.16 0.84 0.00	35.26 0.88 0.00	33.59 1.03 0.00	34.58 1.38 0.00	33.61 1.08 0.00	33.48 0.90 0.00	80.78 2.67 0.00	52.44 1.06 0.00	59.24 1.08 0.00	46.40 0.43 0.00	45.09 0.29 0.00	38.96 -0.05 0.00	46.13 -0.50 0.00
NEVERSink___HYD 23608	44.89 1.64 0.00	42.07 1.38 0.00	46.29 1.56 0.00	41.80 1.40 0.00	39.41 1.52 0.00	40.52 1.58 0.00	53.47 2.42 0.00	48.89 2.28 0.00	46.69 2.45 0.00	44.29 2.51 0.00	40.94 2.54 0.00	38.47 2.15 0.00	36.24 1.85 0.00	34.04 1.48 0.00	34.45 1.25 0.00	33.91 1.39 0.00	34.14 1.56 0.00	81.60 3.50 0.00	53.85 2.47 0.00	61.03 2.87 0.00	48.21 2.24 0.00	46.66 1.86 0.00	40.50 1.49 0.00	47.94 1.32 0.00
NEWKRMKL_115KV_TB1 55635	42.90 -0.35 0.00	40.23 -0.46 0.00	44.15 -0.58 0.00	39.94 -0.47 0.00	37.62 -0.28 0.00	38.55 -0.39 0.00	50.86 -0.19 0.00	46.45 -0.17 0.00	44.26 0.01 0.00	41.85 0.08 0.00	38.45 0.05 0.00	36.36 0.04 0.00	34.47 0.09 0.00	32.57 0.00 0.00	33.16 -0.04 0.00	32.65 0.12 0.00	32.80 0.22 0.00	77.86 -0.24 0.00	51.47 0.08 0.00	58.03 -0.12 0.00	45.94 -0.03 0.00	44.50 -0.30 0.00	38.67 -0.34 0.00	46.20 -0.42 0.00
NEWTON___FALLS_HYD 23847	42.70 -0.55 0.00	40.23 -0.46 0.00	43.90 -0.84 0.00	39.72 -0.68 0.00	37.25 -0.65 0.00	38.45 -0.49 0.00	50.57 -0.48 0.00	46.07 -0.54 0.00	43.04 -1.21 0.00	40.04 -1.73 0.00	36.84 -1.56 0.00	34.93 -1.39 0.00	32.94 -1.45 0.00	31.22 -1.34 0.00	31.86 -1.35 0.00	31.18 -1.35 0.00	31.23 -1.35 0.00	75.49 -2.62 0.00	50.53 -0.85 0.00	57.84 -0.31 0.00	45.83 -0.14 0.00	44.69 -0.11 0.00	38.90 -0.11 0.00	46.43 -0.19 0.00
NGRID_A1_DSASP 323792	42.49 -0.76 0.00	40.40 -0.29 0.00	44.83 0.10 0.00	40.29 -0.12 0.00	37.73 -0.16 0.00	39.30 0.36 0.00	50.63 -0.43 0.00	46.15 -0.47 0.00	43.20 -1.04 0.00	40.98 -0.80 0.00	37.60 -0.80 0.00	35.63 -0.69 0.00	33.79 -0.59 0.00	32.29 -0.28 0.00	33.13 -0.07 0.00	32.08 -0.45 0.00	31.80 -0.78 0.00	77.15 -0.95 0.00	49.71 -1.68 0.00	56.25 -1.91 0.00	44.26 -1.71 0.00	43.45 -1.35 0.00	38.08 -0.93 0.00	45.66 -0.96 0.00
NGRID_A2_DSASP 323793	42.49 -0.76 0.00	40.40 -0.29 0.00	44.83 0.10 0.00	40.29 -0.12 0.00	37.73 -0.16 0.00	39.30 0.36 0.00	50.63 -0.43 0.00	46.15 -0.47 0.00	43.20 -1.04 0.00	40.98 -0.80 0.00	37.60 -0.80 0.00	35.63 -0.69 0.00	33.79 -0.59 0.00	32.29 -0.28 0.00	33.13 -0.07 0.00	32.08 -0.45 0.00	31.80 -0.78 0.00	77.15 -0.95 0.00	49.71 -1.68 0.00	56.25 -1.91 0.00	44.26 -1.71 0.00	43.45 -1.35 0.00	38.08 -0.93 0.00	45.66 -0.96 0.00
NGRID_A4_DSASP 323807	42.49 -0.76 0.00	40.40 -0.29 0.00	44.83 0.10 0.00	40.29 -0.12 0.00	37.73 -0.16 0.00	39.30 0.36 0.00	50.63 -0.43 0.00	46.15 -0.47 0.00	43.20 -1.04 0.00	40.98 -0.80 0.00	37.60 -0.80 0.00	35.63 -0.69 0.00	33.79 -0.59 0.00	32.29 -0.28 0.00	33.13 -0.07 0.00	32.08 -0.45 0.00	31.80 -0.78 0.00	77.15 -0.95 0.00	49.71 -1.68 0.00	56.25 -1.91 0.00	44.26 -1.71 0.00	43.45 -1.35 0.00	38.08 -0.93 0.00	45.66 -0.96 0.00
NIAGARA_115E_LBMP 323715	42.55 -0.70 0.00	40.48 -0.21 0.00	44.92 0.19 0.00	40.37 -0.03 0.00	37.81 -0.09 0.00	39.37 0.44 0.00	50.87 -0.18 0.00	46.08 -0.53 0.00	43.03 -1.22 0.00	40.76 -1.01 0.00	37.42 -0.98 0.00	35.49 -0.83 0.00	33.65 -0.73 0.00	32.18 -0.38 0.00	33.03 -0.17 0.00	31.92 -0.61 0.00	31.62 -0.97 0.00	76.30 -1.81 0.00	49.52 -1.87 0.00	56.00 -2.15 0.00	44.09 -1.88 0.00	43.35 -1.45 0.00	37.83 -1.19 0.00	45.46 -1.17 0.00
NIAGARA_115W_LBMP 323714	42.40 -0.85 0.00	40.31 -0.37 0.00	44.73 0.00 0.00	40.21 -0.20 0.00	37.66 -0.24 0.00	39.21 0.27 0.00	50.47 -0.58 0.00	46.00 -0.61 0.00	43.06 -1.18 0.00	40.88 -0.89 0.00	37.51 -0.89 0.00	35.55 -0.77 0.00	33.72 -0.67 0.00	32.21 -0.35 0.00	33.06 -0.15 0.00	32.01 -0.52 0.00	31.74 -0.85 0.00	76.94 -1.16 0.00	49.55 -1.84 0.00	56.07 -2.08 0.00	44.12 -1.85 0.00	43.31 -1.49 0.00	37.98 -1.03 0.00	45.56 -1.06 0.00
NIAGARA_230_LBMP 323716	42.52 -0.73 0.00	40.42 -0.27 0.00	44.84 0.10 0.00	40.31 -0.10 0.00	37.75 -0.14 0.00	39.27 0.33 0.00	50.81 -0.24 0.00	46.38 -0.23 0.00	43.44 -0.80 0.00	41.04 -0.73 0.00	37.64 -0.76 0.00	35.66 -0.66 0.00	33.82 -0.56 0.00	32.31 -0.25 0.00	33.16 -0.05 0.00	32.13 -0.40 0.00	31.86 -0.72 0.00	77.19 -0.92 0.00	50.03 -1.35 0.00	56.62 -1.53 0.00	44.55 -1.42 0.00	43.68 -1.12 0.00	38.12 -0.89 0.00	45.66 -0.96 0.00
NIAGARA___115KV_198_GIBSON 55903	42.40 -0.84 0.00	40.32 -0.37 0.00	44.74 0.01 0.00	40.20 -0.20 0.00	37.65 -0.24 0.00	39.20 0.27 0.00	50.49 -0.56 0.00	46.01 -0.61 0.00	43.07 -1.17 0.00	40.88 -0.89 0.00	37.50 -0.90 0.00	35.55 -0.77 0.00	33.72 -0.67 0.00	32.22 -0.34 0.00	33.05 -0.15 0.00	32.01 -0.52 0.00	31.74 -0.85 0.00	76.98 -1.12 0.00	49.57 -1.82 0.00	56.09 -2.07 0.00	44.13 -1.84 0.00	43.32 -1.48 0.00	37.98 -1.03 0.00	45.56 -1.07 0.00
NIAGARA___ 23760	42.52 -0.73 0.00	40.42 -0.27 0.00	44.84 0.10 0.00	40.31 -0.10 0.00	37.75 -0.14 0.00	39.27 0.33 0.00	50.81 -0.24 0.00	46.38 -0.23 0.00	43.44 -0.80 0.00	41.04 -0.73 0.00	37.64 -0.76 0.00	35.66 -0.66 0.00	33.82 -0.56 0.00	32.31 -0.25 0.00	33.16 -0.05 0.00	32.13 -0.40 0.00	31.86 -0.72 0.00	77.19 -0.92 0.00	50.03 -1.35 0.00	56.62 -1.53 0.00	44.55 -1.42 0.00	43.68 -1.12 0.00	38.12 -0.89 0.00	45.66 -0.96 0.00
NINE_MILE_1 23575	42.31 -0.94 0.00	39.82 -0.86 0.00	43.84 -0.90 0.00	39.57 -0.84 0.00	37.10 -0.80 0.00	38.07 -0.87 0.00	49.85 -1.21 0.00	45.56 -1.06 0.00	43.16 -1.08 0.00	40.71 -1.07 0.00	37.36 -1.04 0.00	35.34 -0.98 0.00	33.49 -0.90 0.00	31.74 -0.82 0.00	32.37 -0.83 0.00	31.71 -0.82 0.00	31.76 -0.82 0.00	76.23 -1.87 0.00	50.16 -1.22 0.00	56.79 -1.37 0.00	44.88 -1.09 0.00	43.68 -1.13 0.00	38.05 -0.96 0.00	45.63 -1.00 0.00
NINE_MILE_2 23744	42.30 -0.95 0.00	39.82 -0.87 0.00	43.84 -0.90 0.00	39.56 -0.84 0.00	37.09 -0.80 0.00	38.07 -0.87 0.00	49.84 -1.22 0.00	45.55 -1.07 0.00	43.16 -1.09 0.00	40.70 -1.07 0.00	37.36 -1.04 0.00	35.34 -0.98 0.00	33.49 -0.90 0.00	31.73 -0.83 0.00	32.37 -0.83 0.00	31.71 -0.82 0.00	31.76 -0.83 0.00	76.21 -1.90 0.00	50.14 -1.24 0.00	56.77 -1.38 0.00	44.87 -1.10 0.00	43.67 -1.13 0.00	38.04 -0.97 0.00	45.62 -1.00 0.00
NM_CAPITAL___DRP 24208	42.95 -0.30 0.00	40.26 -0.43 0.00	44.17 -0.56 0.00	39.97 -0.44 0.00	37.64 -0.26 0.00	38.58 -0.36 0.00	50.91 -0.14 0.00	46.45 -0.16 0.00	44.29 0.05 0.00	41.89 0.11 0.00	38.51 0.11 0.00	36.42 0.10 0.00	34.52 0.13 0.00	32.60 0.04 0.00	33.19 -0.01 0.00	32.68 0.15 0.00	32.84 0.26 0.00	77.88 -0.22 0.00	51.46 0.08 0.00	58.00 -0.15 0.00	45.94 -0.03 0.00	44.51 -0.29 0.00	38.68 -0.33 0.00	46.21 -0.41 0.00

NM_CENTRAL___DRP 24181	42.98 -0.27 0.00	40.44 -0.25 0.00	44.56 -0.18 0.00	40.19 -0.21 0.00	37.69 -0.21 0.00	38.73 -0.21 0.00	50.80 -0.25 0.00	46.45 -0.16 0.00	44.01 -0.24 0.00	41.46 -0.32 0.00	38.02 -0.38 0.00	35.94 -0.38 0.00	34.04 -0.34 0.00	32.26 -0.30 0.00	32.92 -0.28 0.00	32.24 -0.29 0.00	32.31 -0.28 0.00	77.77 -0.34 0.00	51.19 -0.19 0.00	57.94 -0.21 0.00	45.78 -0.19 0.00	44.53 -0.27 0.00	38.72 -0.29 0.00	46.33 -0.29 0.00
NM_FRONTIER___DRP 24179	42.40 -0.84 0.00	40.32 -0.37 0.00	44.74 0.01 0.00	40.20 -0.20 0.00	37.65 -0.24 0.00	39.20 0.27 0.00	50.49 -0.56 0.00	46.01 -0.61 0.00	43.07 -1.17 0.00	40.88 -0.89 0.00	37.50 -0.90 0.00	35.55 -0.77 0.00	33.72 -0.67 0.00	32.22 -0.34 0.00	33.05 -0.15 0.00	32.01 -0.52 0.00	31.74 -0.85 0.00	76.98 -1.12 0.00	49.57 -1.82 0.00	56.09 -2.07 0.00	44.13 -1.84 0.00	43.32 -1.48 0.00	37.98 -1.03 0.00	45.56 -1.07 0.00
NM_ST_REGIS___HYD 24053	43.40 0.16 0.00	41.02 0.34 0.00	44.91 0.17 0.00	40.62 0.22 0.00	38.10 0.20 0.00	39.42 0.48 0.00	51.76 0.70 0.00	47.05 0.44 0.00	44.06 -0.18 0.00	41.25 -0.52 0.00	37.86 -0.54 0.00	35.84 -0.48 0.00	33.87 -0.52 0.00	32.01 -0.55 0.00	32.68 -0.52 0.00	31.91 -0.62 0.00	31.88 -0.70 0.00	77.16 -0.94 0.00	51.01 -0.37 0.00	58.34 0.19 0.00	46.15 0.18 0.00	45.22 0.42 0.00	39.57 0.56 0.00	47.38 0.75 0.00
NORTHPORT___1 23551	45.45 1.18 -1.03	42.05 1.00 -0.36	45.50 0.83 0.07	40.51 0.50 0.39	36.00 0.51 2.41	37.15 0.56 2.35	53.10 1.40 -0.65	47.25 1.05 0.41	48.98 1.61 -3.13	48.75 2.09 -4.88	44.97 2.14 -4.44	43.77 2.34 -5.11	35.20 1.97 1.15	32.99 1.59 1.17	32.83 1.24 1.61	32.71 1.76 1.58	32.18 1.51 1.91	76.70 1.89 3.29	53.85 1.22 -1.24	61.45 1.50 -1.80	48.58 1.12 -1.50	47.06 1.05 -1.21	39.55 0.66 0.12	46.91 0.29 0.01
NORTHPORT___2 23552	45.45 1.18 -1.03	42.05 1.00 -0.36	45.50 0.83 0.07	40.51 0.50 0.39	36.00 0.51 2.41	37.15 0.56 2.35	53.10 1.40 -0.65	47.25 1.05 0.41	48.98 1.61 -3.13	48.75 2.09 -4.88	44.97 2.14 -4.44	43.77 2.34 -5.11	35.20 1.97 1.15	32.99 1.59 1.17	32.83 1.24 1.61	32.71 1.76 1.58	32.18 1.51 1.91	76.70 1.89 3.29	53.85 1.22 -1.24	61.45 1.50 -1.80	48.58 1.12 -1.50	47.06 1.05 -1.21	39.55 0.66 0.12	46.91 0.29 0.01
NORTHPORT___3 23553	45.90 1.49 -1.17	42.44 1.26 -0.50	45.80 1.12 0.06	40.83 0.79 0.37	36.38 0.78 2.30	37.57 0.87 2.24	53.58 1.75 -0.79	47.65 1.42 0.39	49.52 1.96 -3.31	49.14 2.36 -5.00	45.42 2.37 -4.64	44.32 2.55 -5.44	35.50 2.19 1.08	33.28 1.82 1.11	33.19 1.52 1.53	33.07 2.01 1.46	32.59 1.81 1.79	77.69 2.72 3.14	54.66 1.78 -1.50	62.29 2.13 -2.00	49.25 1.60 -1.68	47.57 1.42 -1.35	40.15 1.02 -0.12	47.32 0.70 0.00
NORTHPORT___4 23650	45.90 1.49 -1.17	42.44 1.26 -0.50	45.80 1.12 0.06	40.83 0.79 0.37	36.38 0.78 2.30	37.57 0.87 2.24	53.58 1.75 -0.79	47.65 1.42 0.39	49.52 1.96 -3.31	49.14 2.36 -5.00	45.42 2.37 -4.64	44.32 2.55 -5.44	35.50 2.19 1.08	33.28 1.82 1.11	33.19 1.52 1.53	33.07 2.01 1.46	32.59 1.81 1.79	77.69 2.72 3.14	54.66 1.78 -1.50	62.29 2.13 -2.00	49.25 1.60 -1.68	47.57 1.42 -1.35	40.15 1.02 -0.12	47.32 0.70 0.00
NORTHPORT___IC 23718	45.45 1.17 -1.03	42.06 1.01 -0.36	45.60 0.94 0.07	40.59 0.57 0.39	35.99 0.50 2.41	37.15 0.56 2.35	53.11 1.41 -0.65	47.25 1.05 0.41	48.98 1.61 -3.13	48.74 2.08 -4.88	44.97 2.13 -4.44	43.76 2.33 -5.11	35.21 1.98 1.15	32.99 1.59 1.17	32.83 1.24 1.61	32.71 1.76 1.58	32.18 1.51 1.91	76.65 1.83 3.29	53.84 1.21 -1.24	61.47 1.51 -1.80	48.57 1.10 -1.50	47.05 1.03 -1.21	39.54 0.66 0.12	46.91 0.29 0.01
NORTH___COUNTRY_ESR 323785	43.27 0.02 0.00	41.07 0.38 0.00	45.11 0.37 0.00	40.82 0.41 0.00	38.37 0.47 0.00	39.69 0.75 0.00	52.15 1.10 0.00	47.22 0.60 0.00	44.38 0.13 0.00	41.80 0.02 0.00	38.43 0.04 0.00	36.38 0.06 0.00	34.40 0.02 0.00	32.46 -0.11 0.00	33.26 0.06 0.00	32.53 0.00 0.00	32.47 -0.12 0.00	78.23 0.13 0.00	51.63 0.24 0.00	58.94 0.78 0.00	46.62 0.65 0.00	45.78 0.98 0.00	40.17 1.16 0.00	48.27 1.65 0.00
NPX_GEN_1385_PROXY 323591	36.98 0.16 6.43	41.38 0.33 -0.36	44.78 0.11 0.07	39.88 -0.14 0.39	35.47 -0.01 2.41	36.45 -0.19 2.30	52.63 0.93 -0.65	46.13 -0.07 0.41	47.93 0.56 -3.13	-1.91 1.08 44.76	44.06 1.23 -4.44	43.06 1.62 -5.11	34.37 1.14 1.15	32.20 0.80 1.17	32.02 0.43 1.61	19.43 0.98 14.08	31.46 0.79 1.91	75.23 0.41 3.29	52.73 0.10 -1.24	60.42 0.46 -1.80	47.88 0.41 -1.50	46.61 0.59 -1.21	39.10 0.21 0.12	46.44 -0.18 0.01
NPX_GEN_CSC 323557	45.65 1.08 -1.32	42.19 0.84 -0.66	45.32 0.61 0.02	40.25 0.18 0.34	35.69 -0.10 2.11	36.86 -0.07 2.00	52.77 0.77 -0.94	46.93 0.67 0.36	49.00 1.29 -3.47	48.86 2.04 -5.05	45.28 2.08 -4.81	44.68 2.61 -5.75	35.44 2.01 0.96	32.98 1.43 1.01	32.56 0.76 1.40	32.69 1.45 1.28	32.10 1.12 1.61	75.71 0.48 2.88	53.65 0.46 -1.80	61.16 0.80 -2.21	48.54 0.67 -1.89	46.88 0.59 -1.49	39.66 0.24 -0.41	46.38 -0.24 0.00
NSINS_S___GLNS_FALLS 23858	45.09 1.84 0.00	42.20 1.51 0.00	46.17 1.44 0.00	41.74 1.33 0.00	39.30 1.41 0.00	40.58 1.64 0.00	53.84 2.78 0.00	49.00 2.39 0.00	46.50 2.25 0.00	43.52 1.75 0.00	39.84 1.45 0.00	37.52 1.20 0.00	35.45 1.06 0.00	33.37 0.81 0.00	34.02 0.82 0.00	33.52 0.99 0.00	33.80 1.21 0.00	80.89 2.79 0.00	53.87 2.49 0.00	60.81 2.66 0.00	48.07 2.09 0.00	46.65 1.85 0.00	40.59 1.58 0.00	48.33 1.70 0.00
NUCOR_STEEL___DRP 24197	43.39 0.14 0.00	40.95 0.27 0.00	45.19 0.46 0.00	40.80 0.39 0.00	38.21 0.31 0.00	39.18 0.24 0.00	51.42 0.37 0.00	47.24 0.62 0.00	44.66 0.42 0.00	41.99 0.21 0.00	38.41 0.01 0.00	36.11 -0.22 0.00	34.29 -0.10 0.00	32.50 -0.06 0.00	33.20 0.00 0.00	32.48 -0.05 0.00	32.59 0.00 0.00	78.32 0.22 0.00	51.68 0.30 0.00	58.91 0.76 0.00	46.53 0.56 0.00	45.04 0.25 0.00	39.25 0.23 0.00	46.93 0.31 0.00
NUMBER_THREE_WT_PWR 323818	43.11 -0.14 0.00	40.55 -0.14 0.00	44.11 -0.63 0.00	39.93 -0.48 0.00	37.43 -0.46 0.00	38.58 -0.35 0.00	50.87 -0.19 0.00	46.41 -0.20 0.00	43.37 -0.87 0.00	40.30 -1.48 0.00	37.16 -1.23 0.00	35.31 -1.01 0.00	33.23 -1.15 0.00	31.56 -1.00 0.00	32.22 -0.98 0.00	31.63 -0.90 0.00	31.75 -0.84 0.00	76.64 -1.47 0.00	51.68 0.30 0.00	59.09 0.93 0.00	46.89 0.92 0.00	45.55 0.75 0.00	39.49 0.48 0.00	47.02 0.40 0.00
NYISO_LBMP_REFERENCE 24008	43.25 0.00 0.00	40.69 0.00 0.00	44.73 0.00 0.00	40.41 0.00 0.00	37.90 0.00 0.00	38.94 0.00 0.00	51.05 0.00 0.00	46.61 0.00 0.00	44.24 0.00 0.00	41.77 0.00 0.00	38.40 0.00 0.00	36.32 0.00 0.00	34.39 0.00 0.00	32.56 0.00 0.00	33.20 0.00 0.00	32.53 0.00 0.00	32.58 0.00 0.00	78.10 0.00 0.00	51.38 0.00 0.00	58.15 0.00 0.00	45.97 0.00 0.00	44.80 0.00 0.00	39.01 0.00 0.00	46.62 0.00 0.00

NYPA_BRENTWD____GT 24164	46.68 1.68 -1.75	43.25 1.44 -1.12	46.07 1.30 -0.04	41.05 0.91 0.26	37.11 0.86 1.65	38.31 0.98 1.60	54.43 2.00 -1.39	48.01 1.68 0.29	50.45 2.23 -3.97	49.74 2.67 -5.30	46.36 2.61 -5.35	45.82 2.80 -6.70	36.07 2.35 0.66	33.72 1.94 0.78	33.66 1.56 1.10	33.82 2.13 0.84	33.32 1.88 1.15	78.70 2.87 2.27	55.93 1.91 -2.64	63.31 2.34 -2.82	50.25 1.78 -2.51	48.31 1.61 -1.90	41.35 1.14 -1.21	47.44 0.81 0.00
NYPA_GOWANUS____GT5 24156	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
NYPA_GOWANUS____GT6 24157	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.01 1.13 -13.93	58.66 1.85 -5.76	55.57 2.01 -6.96	57.07 2.47 -10.36	56.69 2.74 -12.17	61.70 2.88 -20.41	60.48 2.73 -21.43	56.77 2.44 -19.94	56.51 2.18 -21.77	57.00 2.08 -21.72	57.46 2.25 -22.68	57.91 2.26 -23.07	93.10 4.40 -10.59	64.30 2.85 -10.07	89.36 3.18 -28.03	83.49 2.50 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73
NYPA_HARLEM_RVR_GT1 24160	44.36 1.10 0.00	41.48 0.79 -0.01	45.50 0.76 0.00	41.03 0.63 0.00	38.57 0.67 0.00	39.62 0.68 0.00	52.36 1.31 0.00	48.10 1.48 0.00	46.18 1.94 0.00	43.98 2.20 -0.01	40.79 2.39 -0.01	38.59 2.27 -0.01	36.38 1.99 0.00	34.31 1.74 0.00	34.86 1.66 0.00	34.34 1.81 0.00	34.41 1.82 -0.01	81.49 3.38 0.00	53.54 2.16 0.00	60.58 2.43 0.00	47.93 1.96 0.00	46.34 1.54 0.00	40.17 1.16 0.00	47.44 0.81 0.00
NYPA_HARLEM_RVR_GT2 24161	44.36 1.10 0.00	41.48 0.79 -0.01	45.50 0.76 0.00	41.03 0.63 0.00	38.57 0.67 0.00	39.62 0.68 0.00	52.36 1.31 0.00	48.10 1.48 0.00	46.18 1.94 0.00	43.98 2.20 -0.01	40.79 2.39 -0.01	38.59 2.27 -0.01	36.38 1.99 0.00	34.31 1.74 0.00	34.86 1.66 0.00	34.34 1.81 0.00	34.41 1.82 -0.01	81.49 3.38 0.00	53.54 2.16 0.00	60.58 2.43 0.00	47.93 1.96 0.00	46.34 1.54 0.00	40.17 1.16 0.00	47.44 0.81 0.00
NYPA_KENT____GT 24152	50.63 1.42 -5.96	49.12 1.12 -7.31	50.34 1.09 -4.51	48.49 0.96 -7.13	47.53 0.99 -8.65	48.36 1.02 -8.40	56.22 1.70 -3.47	52.67 1.86 -4.20	52.99 2.34 -6.41	53.59 2.62 -9.19	56.83 2.78 -15.65	54.99 2.62 -16.04	51.01 2.34 -14.29	50.10 2.08 -15.46	50.30 1.98 -15.11	50.68 2.15 -16.00	51.03 2.17 -16.28	88.83 4.20 -6.53	60.15 2.69 -6.08	78.06 3.00 -16.91	69.46 2.36 -21.13	57.35 1.93 -10.62	50.02 1.50 -9.50	54.31 1.22 -6.47
NYPA_POUCH1____GT 24155	54.61 1.49 -9.86	53.97 1.17 -12.11	53.36 1.15 -7.48	53.26 1.03 -11.82	53.27 1.04 -14.33	53.92 1.05 -13.93	58.51 1.70 -5.76	55.43 1.86 -6.96	56.94 2.33 -10.36	56.56 2.61 -12.17	55.28 2.76 -14.12	57.20 2.60 -18.28	56.67 2.34 -19.94	56.41 2.08 -21.77	56.43 1.96 -21.26	57.35 2.13 -22.68	57.35 2.14 -22.63	92.82 4.12 -10.59	64.13 2.67 -10.07	89.15 2.97 -28.03	83.34 2.36 -35.01	64.35 1.94 -17.61	56.29 1.54 -15.75	58.60 1.25 -10.73
NYPA_VERNON____GT2 24162	46.59 1.30 -2.																							

OAK ORCHARD___HYD 24046	43.23 -0.02 0.00	40.87 0.18 0.00	45.17 0.44 0.00	40.69 0.28 0.00	38.15 0.25 0.00	39.51 0.58 0.00	51.61 0.56 0.00	47.25 0.63 0.00	44.40 0.15 0.00	41.71 -0.06 0.00	38.18 -0.22 0.00	36.08 -0.25 0.00	34.18 -0.20 0.00	32.54 -0.03 0.00	33.28 0.08 0.00	32.40 -0.13 0.00	32.33 -0.25 0.00	78.45 0.35 0.00	51.31 -0.07 0.00	58.13 -0.02 0.00	45.84 -0.12 0.00	44.73 -0.07 0.00	38.93 -0.08 0.00	46.53 -0.09 0.00
OAKDALE___35_KV_LOAD 356122	43.23 -0.02 0.00	40.68 0.00 0.00	44.90 0.17 0.00	40.48 0.07 0.00	37.96 0.07 0.00	39.04 0.10 0.00	51.18 0.13 0.00	46.89 0.27 0.00	44.53 0.29 0.00	42.10 0.32 0.00	38.67 0.28 0.00	36.56 0.24 0.00	34.63 0.24 0.00	32.82 0.25 0.00	33.58 0.38 0.00	32.86 0.33 0.00	32.91 0.33 0.00	79.21 1.10 0.00	51.93 0.54 0.00	58.77 0.62 0.00	46.35 0.38 0.00	45.03 0.23 0.00	39.10 0.08 0.00	46.53 -0.10 0.00
OCC_CHEM___DRP 24175	42.49 -0.76 0.00	40.40 -0.28 0.00	44.84 0.10 0.00	40.29 -0.11 0.00	37.73 -0.17 0.00	39.29 0.35 0.00	50.64 -0.41 0.00	46.15 -0.46 0.00	43.21 -1.03 0.00	40.98 -0.79 0.00	37.59 -0.80 0.00	35.63 -0.69 0.00	33.79 -0.59 0.00	32.29 -0.27 0.00	33.13 -0.07 0.00	32.08 -0.45 0.00	31.81 -0.78 0.00	77.15 -0.95 0.00	49.72 -1.67 0.00	56.26 -1.89 0.00	44.27 -1.70 0.00	43.46 -1.34 0.00	38.08 -0.93 0.00	45.66 -0.96 0.00
OH_GEN_PROXY 24063	42.52 -0.73 0.00	40.40 -0.29 0.00	44.80 0.07 0.00	40.28 -0.12 0.00	37.73 -0.16 0.00	39.29 0.31 -0.05	50.80 -0.25 0.00	46.43 -0.19 0.00	43.51 -0.73 0.00	41.11 -0.67 0.00	37.68 -0.72 0.00	35.70 -0.63 0.00	33.87 -0.52 0.00	32.34 -0.22 0.00	33.20 0.00 0.00	32.17 -0.35 0.00	31.92 -0.66 0.00	77.34 -0.76 0.00	50.14 -1.24 0.00	56.76 -1.39 0.00	44.63 -1.34 0.00	43.74 -1.06 0.00	38.15 -0.86 0.00	83.71 -0.96 -38.05
OLIN_CORP_DRP 24177	42.58 -0.67 0.00	40.50 -0.19 0.00	44.93 0.20 0.00	40.38 -0.03 0.00	37.83 -0.07 0.00	39.39 0.45 0.00	50.93 -0.12 0.00	46.16 -0.45 0.00	43.12 -1.12 0.00	40.83 -0.94 0.00	37.47 -0.92 0.00	35.54 -0.78 0.00	33.70 -0.69 0.00	32.22 -0.34 0.00	33.06 -0.14 0.00	31.97 -0.56 0.00	31.67 -0.91 0.00	76.50 -1.60 0.00	49.64 -1.75 0.00	56.15 -2.00 0.00	44.20 -1.77 0.00	43.44 -1.36 0.00	37.90 -1.11 0.00	45.53 -1.10 0.00
OLIN_CORP_DSASP 323712	42.49 -0.76 0.00	40.40 -0.29 0.00	44.83 0.10 0.00	40.29 -0.12 0.00	37.73 -0.16 0.00	39.30 0.36 0.00	50.63 -0.43 0.00	46.15 -0.47 0.00	43.20 -1.04 0.00	40.98 -0.80 0.00	37.60 -0.80 0.00	35.63 -0.69 0.00	33.79 -0.59 0.00	32.29 -0.28 0.00	33.13 -0.07 0.00	32.08 -0.45 0.00	31.80 -0.78 0.00	77.15 -0.95 0.00	49.71 -1.68 0.00	56.25 -1.91 0.00	44.26 -1.71 0.00	43.45 -1.35 0.00	38.08 -0.93 0.00	45.66 -0.96 0.00
ONEIDA_HERK_LFGE 323681	43.64 0.39 0.00	40.99 0.31 0.00	44.87 0.14 0.00	40.57 0.17 0.00	38.06 0.16 0.00	39.19 0.25 0.00	51.66 0.61 0.00	47.17 0.55 0.00	44.45 0.20 0.00	41.56 -0.21 0.00	38.16 -0.24 0.00	36.13 -0.19 0.00	34.11 -0.28 0.00	32.36 -0.20 0.00	33.02 -0.18 0.00	32.37 -0.15 0.00	32.51 -0.08 0.00	78.48 0.38 0.00	52.32 0.94 0.00	59.45 1.30 0.00	47.07 1.10 0.00	45.74 0.94 0.00	39.69 0.68 0.00	47.30 0.68 0.00
ONEIDA___115KV_TB4 55905	43.96 0.72 0.00	41.28 0.60 0.00	45.38 0.65 0.00	40.98 0.58 0.00	38.45 0.55 0.00	39.59 0.65 0.00	52.15 1.10 0.00	47.68 1.07 0.00	45.07 0.83 0.00	42.17 0.40 0.00	38.57 0.17 0.00	36.45 0.13 0.00	34.46 0.08 0.00	32.68 0.12 0.00	33.35 0.15 0.00	32.68 0.15 0.00	32.82 0.24 0.00	79.31 1.21 0.00	52.75 1.36 0.00	59.79 1.64 0.00	47.30 1.33 0.00	45.94 1.15 0.00	39.89 0.88 0.00	47.52 0.90 0.00
ONONDAGA_REF_OCCRA 23987	43.20 -0.05 0.00	40.63 -0.06 0.00	44.77 0.04 0.00	40.40 -0.01 0.00	37.88 -0.02 0.00	38.93 -0.01 0.00	51.08 0.02 0.00	46.74 0.13 0.00	44.27 0.02 0.00	41.68 -0.10 0.00	38.19 -0.21 0.00	36.09 -0.23 0.00	34.19 -0.20 0.00	32.39 -0.17 0.00	33.06 -0.14 0.00	32.38 -0.15 0.00	32.45 -0.13 0.00	78.22 0.12 0.00	51.50 0.11 0.00	58.33 0.17 0.00	46.09 0.12 0.00	44.81 0.01 0.00	38.95 -0.06 0.00	46.58 -0.05 0.00
ONONDAGA___COGEN 23986	43.16 -0.09 0.00	40.63 -0.06 0.00	44.76 0.03 0.00	40.40 -0.01 0.00	37.87 -0.02 0.00	38.90 -0.04 0.00	51.04 -0.02 0.00	46.70 0.08 0.00	44.21 -0.04 0.00	41.64 -0.14 0.00	38.15 -0.25 0.00	36.05 -0.28 0.00	34.16 -0.23 0.00	32.37 -0.19 0.00	33.02 -0.18 0.00	32.35 -0.18 0.00	32.42 -0.16 0.00	78.11 0.01 0.00	51.41 0.03 0.00	58.26 0.11 0.00	46.04 0.06 0.00	44.74 -0.06 0.00	38.91 -0.10 0.00	46.54 -0.09 0.00
ONTARIO___LFGE 23819	43.31 0.06 0.00	40.86 0.17 0.00	45.21 0.47 0.00	40.76 0.36 0.00	38.27 0.37 0.00	39.55 0.61 0.00	51.80 0.74 0.00	47.60 0.98 0.00	44.87 0.63 0.00	42.10 0.32 0.00	38.44 0.05 0.00	36.22 -0.10 0.00	34.29 -0.10 0.00	32.53 -0.03 0.00	33.32 0.12 0.00	32.51 -0.02 0.00	32.57 -0.02 0.00	79.03 0.92 0.00	52.01 0.62 0.00	59.02 0.86 0.00	46.60 0.64 0.00	45.28 0.48 0.00	39.32 0.31 0.00	46.73 0.10 0.00
ORANGEVILLE_WT_PWR 323706	42.34 -0.91 0.00	40.27 -0.42 0.00	44.89 0.16 0.00	40.47 0.06 0.00	37.93 0.04 0.00	39.37 0.43 0.00	51.19 0.14 0.00	46.76 0.15 0.00	43.76 -0.48 0.00	41.01 -0.76 0.00	37.55 -0.85 0.00	35.45 -0.87 0.00	33.54 -0.84 0.00	32.01 -0.56 0.00	32.91 -0.29 0.00	31.94 -0.59 0.00	31.87 -0.71 0.00	78.02 -0.08 0.00	50.85 -0.54 0.00	57.65 -0.50 0.00	45.32 -0.65 0.00	44.23 -0.57 0.00	38.36 -0.65 0.00	45.37 -1.26 0.00
ORANGEVILLE___ESR 323794	42.34 -0.91 0.00	40.27 -0.42 0.00	44.89 0.16 0.00	40.47 0.06 0.00	37.93 0.04 0.00	39.37 0.43 0.00	51.19 0.14 0.00	46.76 0.15 0.00	43.76 -0.48 0.00	41.01 -0.76 0.00	37.55 -0.85 0.00	35.45 -0.87 0.00	33.54 -0.84 0.00	32.01 -0.56 0.00	32.91 -0.29 0.00	31.94 -0.59 0.00	31.87 -0.71 0.00	78.02 -0.08 0.00	50.85 -0.54 0.00	57.65 -0.50 0.00	45.32 -0.65 0.00	44.23 -0.57 0.00	38.36 -0.65 0.00	45.37 -1.26 0.00
OSWEGATCHIE___HYD 24044	42.70 -0.55 0.00	40.23 -0.46 0.00	43.90 -0.84 0.00	39.72 -0.68 0.00	37.25 -0.65 0.00	38.45 -0.49 0.00	50.57 -0.48 0.00	46.07 -0.54 0.00	43.04 -1.21 0.00	40.04 -1.73 0.00	36.83 -1.56 0.00	34.93 -1.39 0.00	32.94 -1.45 0.00	31.22 -1.34 0.00	31.86 -1.35 0.00	31.18 -1.35 0.00	31.24 -1.35 0.00	75.49 -2.62 0.00	50.53 -0.85 0.00	57.84 -0.31 0.00	45.83 -0.14 0.00	44.69 -0.11 0.00	38.90 -0.11 0.00	46.44 -0.19 0.00
OSWEGO___5 23606	42.54 -0.71 0.00	40.03 -0.66 0.00	44.08 -0.65 0.00	39.79 -0.61 0.00	37.31 -0.59 0.00	38.30 -0.63 0.00	50.17 -0.88 0.00	45.86 -0.75 0.00	43.45 -0.80 0.00	40.97 -0.81 0.00	37.59 -0.81 0.00	35.55 -0.77 0.00	33.69 -0.70 0.00	31.93 -0.63 0.00	32.57 -0.63 0.00	31.90 -0.63 0.00	31.95 -0.63 0.00	76.73 -1.37 0.00	50.50 -0.89 0.00	57.19 -0.97 0.00	45.19 -0.78 0.00	43.97 -0.83 0.00	38.28 -0.73 0.00	45.88 -0.75 0.00

OSWEGO___6 23613	42.54 -0.71 0.00	40.03 -0.66 0.00	44.08 -0.65 0.00	39.79 -0.61 0.00	37.31 -0.59 0.00	38.30 -0.63 0.00	50.17 -0.88 0.00	45.86 -0.75 0.00	43.45 -0.80 0.00	40.97 -0.81 0.00	37.59 -0.81 0.00	35.55 -0.77 0.00	33.69 -0.70 0.00	31.93 -0.63 0.00	32.57 -0.63 0.00	31.90 -0.63 0.00	31.95 -0.63 0.00	76.73 -1.37 0.00	50.50 -0.89 0.00	57.19 -0.97 0.00	45.19 -0.78 0.00	43.97 -0.83 0.00	38.28 -0.73 0.00	45.88 -0.75 0.00
OUTOKUMPU-AB___DRP 24206	43.31 0.06 0.00	41.14 0.45 0.00	45.64 0.90 0.00	41.02 0.61 0.00	38.41 0.51 0.00	40.00 1.06 0.00	51.73 0.68 0.00	47.17 0.55 0.00	44.19 -0.05 0.00	41.78 0.00 0.00	38.31 -0.08 0.00	36.28 -0.04 0.00	34.40 0.01 0.00	32.87 0.31 0.00	33.72 0.52 0.00	32.63 0.10 0.00	32.38 -0.20 0.00	78.56 0.46 0.00	50.89 -0.49 0.00	57.61 -0.55 0.00	45.33 -0.64 0.00	44.44 -0.36 0.00	38.78 -0.23 0.00	46.40 -0.23 0.00
OXBOW___BTM 323836	42.86 -0.39 0.00	40.73 0.04 0.00	45.19 0.45 0.00	40.61 0.20 0.00	38.02 0.13 0.00	39.61 0.67 0.00	51.12 0.07 0.00	46.62 0.01 0.00	43.66 -0.59 0.00	41.34 -0.44 0.00	37.92 -0.47 0.00	35.93 -0.39 0.00	34.07 -0.32 0.00	32.55 -0.02 0.00	33.40 0.20 0.00	32.33 -0.20 0.00	32.06 -0.52 0.00	77.78 -0.32 0.00	50.25 -1.14 0.00	56.88 -1.27 0.00	44.76 -1.21 0.00	43.91 -0.89 0.00	38.39 -0.62 0.00	45.99 -0.63 0.00
OXBOW____ 24026	42.86 -0.39 0.00	40.73 0.04 0.00	45.19 0.45 0.00	40.61 0.21 0.00	38.03 0.13 0.00	39.61 0.67 0.00	51.14 0.09 0.00	46.63 0.01 0.00	43.67 -0.57 0.00	41.34 -0.43 0.00	37.92 -0.48 0.00	35.93 -0.39 0.00	34.07 -0.32 0.00	32.56 -0.01 0.00	33.39 0.19 0.00	32.34 -0.19 0.00	32.06 -0.52 0.00	77.80 -0.31 0.00	50.26 -1.12 0.00	56.89 -1.26 0.00	44.77 -1.20 0.00	43.91 -0.89 0.00	38.39 -0.62 0.00	45.99 -0.63 0.00
OXY_CHEM_DSASP 323612	42.49 -0.76 0.00	40.40 -0.28 0.00	44.84 0.10 0.00	40.29 -0.11 0.00	37.73 -0.17 0.00	39.29 0.35 0.00	50.64 -0.41 0.00	46.15 -0.46 0.00	43.21 -1.03 0.00	40.98 -0.79 0.00	37.59 -0.80 0.00	35.63 -0.69 0.00	33.79 -0.59 0.00	32.29 -0.27 0.00	33.13 -0.07 0.00	32.08 -0.45 0.00	31.81 -0.78 0.00	77.15 -0.95 0.00	49.72 -1.67 0.00	56.26 -1.89 0.00	44.27 -1.70 0.00	43.46 -1.34 0.00	38.08 -0.93 0.00	45.66 -0.96 0.00
OZONE_PARK_ESR 323760	44.72 1.47 0.00	41.83 1.14 0.00	45.86 1.13 0.00	41.38 0.97 0.00	38.89 0.99 0.00	39.98 1.04 0.00	52.85 1.79 0.00	48.52 1.90 0.00	46.64 2.39 0.00	44.43 2.65 0.00	41.22 2.83 0.00	39.00 2.68 0.00	36.77 2.38 0.00	34.67 2.11 0.00	35.21 2.01 0.00	34.71 2.18 0.00	34.78 2.20 0.00	82.47 4.36 0.00	54.15 2.77 0.00	61.23 3.07 0.00	48.41 2.44 0.00	46.81 2.01 0.00	40.57 1.56 0.00	47.91 1.28 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	42.49 -0.76 0.00	40.40 -0.28 0.00	44.84 0.10 0.00	40.29 -0.11 0.00	37.73 -0.17 0.00	39.29 0.35 0.00	50.64 -0.41 0.00	46.15 -0.46 0.00	43.21 -1.03 0.00	40.98 -0.79 0.00	37.59 -0.80 0.00	35.63 -0.69 0.00	33.79 -0.59 0.00	32.29 -0.27 0.00	33.13 -0.07 0.00	32.08 -0.45 0.00	31.81 -0.78 0.00	77.15 -0.95 0.00	49.72 -1.67 0.00	56.26 -1.89 0.00	44.27 -1.70 0.00	43.46 -1.34 0.00	38.08 -0.93 0.00	45.66 -0.96 0.00
PACKARD__115KV_DUPONT_184 80571	42.49 -0.76 0.00	40.40 -0.28 0.00	44.84 0.10 0.00	40.29 -0.11 0.00	37.73 -0.17 0.00	39.29 0.35 0.00	50.64 -0.41 0.00	46.15 -0.46 0.00	43.21 -1.03 0.00	40.98 -0.79 0.00	37.59 -0.80 0.00	35.63 -0.69 0.00	33.79 -0.59 0.00	32.29 -0.27 0.00	33.13 -0.07 0.00	32.08 -0.45 0.00	31.81 -0.78 0.00	77.15 -0.95 0.00	49.72 -1.67 0.00	56.26 -1.89 0.00	44.27 -1.70 0.00	43.46 -1.34 0.00	38.08 -0.93 0.00	45.66 -0.96 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	44.31 1.06 0.00	41.44 0.74 -0.01	45.46 0.72 0.00	41.00 0.59 0.00	38.53 0.64 0.00	39.59 0.65 0.00	52.27 1.22 0.00	48.04 1.42 0.00	46.13 1.88 -0.01	43.94 2.16 -0.01	40.77 2.36 -0.01	38.55 2.23 -0.01	36.35 1.96 0.00	34.28 1.71 0.00	34.82 1.62 0.00	34.32 1.79 0.00	34.39 1.80 -0.01	81.43 3.33 0.00	53.53 2.15 0.00	60.59 2.43 0.00	47.92 1.95 0.00	46.32 1.53 0.00	40.16 1.14 0.00	47.47 0.85 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	44.34 1.08 0.00	41.57 0.88 -0.01	45.64 0.90 0.00	41.17 0.77 0.00	38.69 0.80 0.00	39.70 0.76 0.00	52.29 1.24 0.00	48.04 1.42 0.00	46.13 1.88 -0.01	43.94 2.16 -0.01	40.77 2.36 -0.01	38.57 2.24 -0.01	36.35 1.96 0.00	34.28 1.71 0.00	34.82 1.62 0.00	34.32 1.79 0.00	34.39 1.81 -0.01	81.44 3.33 0.00	53.53 2.15 0.00	60.59 2.44 0.00	47.92 1.95 0.00	46.32 1.53 0.00	40.16 1.14 0.00	47.48 0.85 0.00
PATROON__115KV_TB1 80586	43.03 -0.22 0.00	40.35 -0.34 0.00	44.28 -0.45 0.00	40.06 -0.35 0.00	37.72 -0.18 0.00	38.66 -0.27 0.00	51.01 -0.04 0.00	46.59 -0.03 0.00	44.39 0.15 0.00	41.97 0.20 0.00	38.56 0.16 0.00	36.46 0.14 0.00	34.56 0.18 0.00	32.65 0.08 0.00	33.26 0.06 0.00	32.74 0.22 0.00	32.89 0.31 0.00	78.12 0.02 0.00	51.62 0.24 0.00	58.22 0.07 0.00	46.08 0.11 0.00	44.64 -0.16 0.00	38.79 -0.22 0.00	46.33 -0.30 0.00
PATTRSNVILLE__SOLAR 323815	44.23 0.98 0.00	41.52 0.83 0.00	45.64 0.91 0.00	41.24 0.83 0.00	38.74 0.84 0.00	39.79 0.85 0.00	52.47 1.42 0.00	47.86 1.25 0.00	45.32 1.08 0.00	42.45 0.67 0.00	38.71 0.32 0.00	36.52 0.20 0.00	34.51 0.12 0.00	32.48 -0.08 0.00	33.04 -0.16 0.00	32.50 -0.03 0.00	32.69 0.10 0.00	79.12 1.02 0.00	52.72 1.33 0.00	59.88 1.73 0.00	47.40 1.43 0.00	46.00 1.20 0.00	39.98 0.97 0.00	47.66 1.04 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	43.42 0.18 0.00	41.18 0.50 0.00	45.66 0.93 0.00	41.03 0.63 0.00	38.44 0.55 0.00	39.99 1.05 0.00	51.88 0.82 0.00	47.50 0.88 0.00	44.62 0.38 0.00	42.11 0.34 0.00	38.62 0.22 0.00	36.52 0.20 0.00	34.64 0.25 0.00	33.07 0.51 0.00	33.95 0.75 0.00	32.93 0.40 0.00	32.72 0.13 0.00	79.34 1.24 0.00	51.54 0.16 0.00	58.34 0.19 0.00	45.84 -0.13 0.00	44.82 0.02 0.00	38.97 -0.04 0.00	46.50 -0.13 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	44.46 1.21 0.00	41.61 0.92 0.00	45.66 0.92 0.00	41.19 0.79 0.00	38.71 0.82 0.00	39.78 0.84 0.00	52.61 1.56 0.00	48.22 1.60 0.00	46.23 1.99 0.00	43.95 2.18 0.00	40.66 2.27 0.00	38.39 2.08 0.00	36.20 1.82 0.00	34.14 1.58 0.00	34.71 1.51 0.00	34.22 1.69 0.00	34.33 1.75 0.00	81.60 3.50 0.00	53.75 2.37 0.00	60.78 2.63 0.00	48.03 2.07 0.00	46.48 1.68 0.00	40.30 1.29 0.00	47.68 1.06 0.00
PEEKSKILL____ 23653	44.00 0.75 0.00	41.17 0.49 0.00	45.21 0.48 0.00	40.78 0.38 0.00	38.32 0.42 0.00	39.37 0.43 0.00	52.00 0.94 0.00	47.61 1.00 0.00	45.68 1.43 0.00	43.47 1.70 0.00	40.27 1.88 0.00	38.06 1.73 0.00	35.87 1.48 0.00	33.82 1.26 0.00	34.35 1.15 0.00	33.88 1.35 0.00	33.98 1.40 0.00	80.73 2.63 0.00	53.12 1.74 0.00	60.09 1.94 0.00	47.49 1.52 0.00	45.95 1.15 0.00	39.86 0.85 0.00	47.16 0.53 0.00

PGE MADISON___WINDPWR 24146	44.05 0.80 0.00	41.78 1.09 0.00	45.91 1.17 0.00	41.56 1.15 0.00	39.54 1.64 0.00	40.57 1.63 0.00	53.34 2.28 0.00	49.16 2.55 0.00	46.46 2.21 0.00	43.26 1.49 0.00	39.73 1.33 0.00	37.37 1.05 0.00	34.89 0.50 0.00	32.64 0.07 0.00	33.40 0.20 0.00	32.83 0.30 0.00	33.24 0.66 0.00	82.48 4.38 0.00	54.76 3.37 0.00	63.11 4.96 0.00	50.11 4.14 0.00	48.51 3.71 0.00	42.08 3.07 0.00	49.89 3.27 0.00
PIERCEFIELD___HYD 23852	43.31 0.06 0.00	40.89 0.20 0.00	44.75 0.01 0.00	40.46 0.05 0.00	37.92 0.02 0.00	39.21 0.27 0.00	51.43 0.38 0.00	46.80 0.18 0.00	43.82 -0.42 0.00	40.96 -0.82 0.00	37.60 -0.80 0.00	35.61 -0.72 0.00	33.65 -0.73 0.00	31.86 -0.71 0.00	32.50 -0.70 0.00	31.72 -0.80 0.00	31.71 -0.87 0.00	76.80 -1.30 0.00	50.77 -0.62 0.00	57.98 -0.17 0.00	45.87 -0.10 0.00	44.89 0.09 0.00	39.25 0.23 0.00	46.97 0.34 0.00
PINELAWN_CC_1 323563	48.24 1.63 -3.36	44.87 1.38 -2.81	46.25 1.24 -0.27	41.29 0.89 0.00	38.78 0.88 0.00	39.93 0.99 0.00	56.06 1.94 -3.07	48.34 1.72 0.00	52.43 2.25 -5.94	50.70 2.61 -6.31	48.50 2.54 -7.57	49.40 2.69 -10.39	37.03 2.26 -0.39	34.50 1.88 -0.05	34.79 1.59 0.00	35.42 2.12 -0.77	35.01 1.93 -0.50	81.22 3.12 0.00	59.45 2.07 -5.99	65.82 2.51 -5.16	52.71 1.89 -4.85	49.95 1.70 -3.46	44.45 1.22 -4.22	47.51 0.89 0.00
PJM_GEN_HTP_PROXY 323702	44.31 1.06 0.00	41.46 0.77 0.00	45.47 0.73 0.00	41.03 0.62 0.00	38.55 0.66 0.00	39.63 0.69 0.00	52.37 1.32 0.00	45.78 1.42 2.26	46.17 1.93 0.00	43.99 2.21 0.00	40.84 2.45 0.00	38.64 2.32 0.00	36.42 2.03 0.00	34.37 1.80 0.00	34.89 1.69 0.00	34.38 1.85 0.00	34.43 1.85 0.00	81.65 3.55 0.00	53.61 2.23 0.00	60.60 2.45 0.00	47.91 1.94 0.00	46.32 1.52 0.00	40.17 1.15 0.00	47.45 0.83 0.00
PJM_GEN_KEystone 24065	43.29 0.04 0.00	40.69 0.00 0.00	44.89 0.16 0.00	40.40 -0.01 0.00	37.88 -0.02 0.00	39.07 0.13 0.00	51.18 0.13 0.00	44.62 0.27 2.26	44.73 0.48 0.00	42.49 0.72 0.00	39.24 0.84 0.00	37.09 0.76 0.00	35.09 0.70 0.00	33.27 0.70 0.00	33.98 0.78 0.00	33.31 0.79 0.00	33.31 0.73 0.00	79.61 1.51 0.00	52.05 0.67 0.00	58.88 0.73 0.00	46.37 0.40 0.00	45.03 0.23 0.00	39.09 0.08 0.00	46.32 -0.30 0.00
PJM_GEN_NEPTUNE_PROXY 323594	44.67 1.31 -0.12	41.16 1.08 0.61	45.45 0.92 0.21	40.50 0.64 0.55	35.21 0.69 3.38	36.40 0.75 3.29	52.24 1.48 0.29	45.04 1.25 2.82	48.07 1.77 -2.06	48.27 2.15 -4.35	43.86 2.19 -3.27	41.69 2.28 -3.09	34.64 2.02 1.77	32.62 1.71 1.65	32.40 1.45 2.25	31.90 1.88 2.51	31.43 1.72 2.87	76.16 2.64 4.58	52.57 1.74 0.55	60.74 2.08 -0.51	47.65 1.52 -0.15	46.47 1.32 -0.35	38.14 0.93 1.81	47.17 0.55 0.01
PJM_GEN_VFT_PROXY 323633	44.10 0.85 0.00	41.26 0.58 0.00	45.27 0.53 0.00	40.83 0.42 0.00	38.37 0.47 0.00	39.45 0.52 0.00	52.09 1.04 0.00	45.52 1.16 2.26	45.93 1.68 0.00	43.80 2.02 0.00	40.68 2.28 0.00	38.46 2.14 0.00	36.25 1.87 0.00	34.21 1.65 0.00	34.71 1.51 0.00	34.23 1.70 0.00	34.30 1.72 0.00	81.26 3.16 0.00	53.37 1.98 0.00	60.37 2.22 0.00	47.72 1.75 0.00	46.12 1.32 0.00	40.01 1.00 0.00	47.24 0.62 0.00
PLATSBURG_115KV_PMLD1 355749	43.72 0.47 0.00	41.50 0.81 0.00	45.58 0.85 0.00	41.22 0.81 0.00	38.76 0.86 0.00	40.09 1.15 0.00	52.79 1.74 0.00	47.72 1.11 0.00	44.79 0.55 0.00	42.21 0.43 0.00	38.87 0.48 0.00	36.79 0.46 0.00	34.74 0.35 0.00	32.71 0.15 0.00	33.54 0.34 0.00	32.85 0.33 0.00	32.78 0.20 0.00	78.88 0.77 0.00	52.12 0.74 0.00	59.52 1.37 0.00	47.12 1.15 0.00	46.28 1.48 0.00	40.60 1.59 0.00	48.76 2.14 0.00
PLEASANTVLY___LBMP 24000	43.89 0.64 0.00	41.10 0.41 0.00	45.10 0.37 0.00	40.72 0.32 0.00	38.28 0.38 0.00	39.28 0.34 0.00	51.89 0.84 0.00	47.49 0.88 0.00	45.51 1.27 0.00	43.28 1.50 0.00	40.03 1.64 0.00	37.83 1.51 0.00	35.70 1.31 0.00	33.66 1.10 0.00	34.22 1.02 0.00	33.73 1.20 0.00	33.82 1.24 0.00	80.31 2.21 0.00	52.91 1.52 0.00	59.79 1.64 0.00	47.26 1.29 0.00	45.75 0.95 0.00	39.70 0.69 0.00	47.05 0.42 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	44.21 0.96 0.00	41.38 0.69 0.00	45.42 0.68 0.00	40.99 0.58 0.00	38.51 0.62 0.00	39.56 0.62 0.00	52.27 1.21 0.00	47.90 1.29 0.00	45.96 1.72 0.00	43.73 1.96 0.00	40.50 2.11 0.00	38.31 1.99 0.00	36.12 1.74 0.00	34.05 1.49 0.00	34.60 1.40 0.00	34.11 1.58 0.00	34.20 1.61 0.00	81.17 3.06 0.00	53.40 2.01 0.00	60.37 2.21 0.00	47.71 1.74 0.00	46.17 1.37 0.00	40.04 1.03 0.00	47.39 0.77 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	44.21 0.96 0.00	41.38 0.69 0.00	45.42 0.68 0.00	40.99 0.58 0.00	38.51 0.62 0.00	39.56 0.62 0.00	52.27 1.21 0.00	47.90 1.29 0.00	45.96 1.72 0.00	43.73 1.96 0.00	40.50 2.11 0.00	38.31 1.99 0.00	36.12 1.74 0.00	34.05 1.49 0.00	34.60 1.40 0.00	34.11 1.58 0.00	34.20 1.61 0.00	81.17 3.06 0.00	53.40 2.01 0.00	60.37 2.21 0.00	47.71 1.74 0.00	46.17 1.37 0.00	40.04 1.03 0.00	47.39 0.77 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	44.25 1.00 0.00	41.42 0.73 0.00	45.46 0.72 0.00	41.03 0.62 0.00	38.57 0.68 0.00	39.59 0.65 0.00	52.33 1.28 0.00	47.96 1.34 0.00	45.94 1.69 0.00	43.65 1.88 0.00	40.36 1.96 0.00	38.07 1.75 0.00	35.89 1.50 0.00	33.84 1.28 0.00	34.42 1.22 0.00	33.93 1.40 0.00	34.06 1.48 0.00	81.05 2.94 0.00	53.46 2.08 0.00	60.46 2.31 0.00	47.78 1.81 0.00	46.22 1.42 0.00	40.10 1.09 0.00	47.46 0.84 0.00
POLETTI___ 23519	44.29 1.04 0.00	41.45 0.76 0.00	45.45 0.72 0.00	41.00 0.59 0.00	38.54 0.65 0.00	39.62 0.68 0.00	52.33 1.27 0.00	48.02 1.40 0.00	46.16 1.91 0.00	43.99 2.22 0.00	40.84 2.44 0.00	38.62 2.30 0.00	36.42 2.04 0.00	34.37 1.80 0.00	34.90 1.69 0.00	34.39 1.86 0.00	34.45 1.87 0.00	81.61 3.51 0.00	53.59 2.20 0.00	60.59 2.44 0.00	47.90 1.93 0.00	46.31 1.51 0.00	40.16 1.15 0.00	47.45 0.82 0.00
POMONA___ESR 323819	44.05 0.80 0.00	41.22 0.53 0.00	45.27 0.53 0.00	40.83 0.42 0.00	38.34 0.44 0.00	39.43 0.49 0.00	52.08 1.03 0.00	47.68 1.07 0.00	45.75 1.51 0.00	43.55 1.77 0.00	40.35 1.96 0.00	38.12 1.79 0.00	35.92 1.53 0.00	33.87 1.31 0.00	34.39 1.19 0.00	33.93 1.40 0.00	34.03 1.45 0.00	80.87 2.77 0.00	53.21 1.83 0.00	60.21 2.05 0.00	47.57 1.60 0.00	46.02 1.22 0.00	39.93 0.92 0.00	47.23 0.61 0.00
PORT_JEFF_3 23555	46.04 1.46 -1.34	42.57 1.20 -0.68	45.75 1.04 0.02	40.71 0.64 0.33	36.35 0.54 2.09	37.55 0.64 2.03	53.60 1.58 -0.96	47.62 1.37 0.36	49.66 1.93 -3.49	49.30 2.46 -5.06	45.64 2.41 -4.83	44.78 2.67 -5.79	35.67 2.23 0.94	33.30 1.74 1.00	33.10 1.28 1.39	33.16 1.89 1.26	32.60 1.60 1.59	77.26 2.01 2.85	54.60 1.38 -1.83	62.16 1.77 -2.23	49.25 1.37 -1.92	47.54 1.24 -1.51	40.27 0.82 -0.44	47.08 0.46 0.00

PORT_JEFF_4 23616	46.04 1.46 -1.34	42.57 1.20 -0.68	45.75 1.04 0.02	40.71 0.64 0.33	36.35 0.54 2.09	37.55 0.64 2.03	53.60 1.58 -0.96	47.62 1.37 0.36	49.66 1.93 -3.49	49.30 2.46 -5.06	45.64 2.41 -4.83	44.78 2.67 -5.79	35.67 2.23 0.94	33.30 1.74 1.00	33.10 1.28 1.39	33.16 1.89 1.26	32.60 1.60 1.59	77.26 2.01 2.85	54.60 1.38 -1.83	62.16 1.77 -2.23	49.25 1.37 -1.92	47.54 1.24 -1.51	40.27 0.82 -0.44	47.08 0.46 0.00
PORT_JEFF_IC 23713	46.12 1.46 -1.41	42.66 1.21 -0.76	45.85 1.14 0.01	40.78 0.70 0.32	36.41 0.52 2.01	37.60 0.61 1.96	53.68 1.59 -1.04	47.63 1.37 0.34	49.75 1.93 -3.58	49.34 2.46 -5.11	45.74 2.42 -4.93	44.96 2.69 -5.95	35.75 2.26 0.90	33.36 1.76 0.96	33.15 1.28 1.34	33.25 1.91 1.19	32.68 1.61 1.51	77.34 1.99 2.75	54.74 1.38 -1.98	62.29 1.79 -2.34	49.37 1.38 -2.02	47.61 1.24 -1.58	40.41 0.82 -0.58	47.09 0.46 0.00
PPL PILGRIM_ST_GT1 24216	46.68 1.68 -1.75	43.25 1.44 -1.12	46.07 1.30 -0.04	41.05 0.91 0.26	37.11 0.86 1.65	38.31 0.98 1.60	54.43 2.00 -1.39	48.01 1.68 0.29	50.45 2.23 -3.97	49.74 2.67 -5.30	46.36 2.61 -5.35	45.82 2.80 -6.70	36.07 2.35 0.66	33.72 1.94 0.78	33.66 1.56 1.10	33.82 2.13 0.84	33.32 1.88 1.15	78.70 2.87 2.27	55.93 1.91 -2.64	63.31 2.34 -2.82	50.25 1.78 -2.51	48.31 1.61 -1.90	41.35 1.14 -1.21	47.44 0.81 0.00
PPL PILGRIM_ST_GT2 24217	46.68 1.68 -1.75	43.25 1.44 -1.12	46.07 1.30 -0.04	41.05 0.91 0.26	37.11 0.86 1.65	38.31 0.98 1.60	54.43 2.00 -1.39	48.01 1.68 0.29	50.45 2.23 -3.97	49.74 2.67 -5.30	46.36 2.61 -5.35	45.82 2.80 -6.70	36.07 2.35 0.66	33.72 1.94 0.78	33.66 1.56 1.10	33.82 2.13 0.84	33.32 1.88 1.15	78.70 2.87 2.27	55.93 1.91 -2.64	63.31 2.34 -2.82	50.25 1.78 -2.51	48.31 1.61 -1.90	41.35 1.14 -1.21	47.44 0.81 0.00
PPL_SHRM_GT3 24213	45.72 1.11 -1.36	42.26 0.86 -0.71	45.36 0.65 0.02	40.29 0.21 0.33	35.77 -0.06 2.06	36.90 -0.04 2.01	52.86 0.82 -0.98	46.98 0.72 0.35	49.09 1.33 -3.52	48.92 2.07 -5.07	45.36 2.11 -4.86	44.75 2.59 -5.84	35.48 2.02 0.93	33.01 1.44 0.99	32.59 0.76 1.37	32.75 1.46 1.24	32.15 1.13 1.56	75.80 0.52 2.82	53.75 0.48 -1.88	61.27 0.85 -2.27	48.62 0.70 -1.95	46.95 0.62 -1.53	39.76 0.27 -0.49	46.42 -0.20 0.00
PPL_SHRM_GT4 24214	45.72 1.11 -1.36	42.26 0.86 -0.71	45.36 0.65 0.02	40.29 0.21 0.33	35.77 -0.06 2.06	36.90 -0.04 2.01	52.86 0.82 -0.98	46.98 0.72 0.35	49.09 1.33 -3.52	48.92 2.07 -5.07	45.36 2.11 -4.86	44.75 2.59 -5.84	35.48 2.02 0.93	33.01 1.44 0.99	32.59 0.76 1.37	32.75 1.46 1.24	32.15 1.13 1.56	75.80 0.52 2.82	53.75 0.48 -1.88	61.27 0.85 -2.27	48.62 0.70 -1.95	46.95 0.62 -1.53	39.76 0.27 -0.49	46.42 -0.20 0.00
PROJECT___ORANGE 1 24174	43.00 -0.25 0.00	40.45 -0.24 0.00	44.59 -0.15 0.00	40.20 -0.20 0.00	37.71 -0.19 0.00	38.74 -0.20 0.00	50.81 -0.24 0.00	46.46 -0.15 0.00	44.03 -0.21 0.00	41.49 -0.29 0.00	38.03 -0.36 0.00	35.97 -0.35 0.00	34.07 -0.31 0.00	32.29 -0.27 0.00	32.95 -0.25 0.00	32.26 -0.27 0.00	32.34 -0.25 0.00	77.84 -0.27 0.00	51.21 -0.17 0.00	57.97 -0.18 0.00	45.80 -0.17 0.00	44.55 -0.26 0.00	38.74 -0.27 0.00	46.35 -0.28 0.00
PROJECT___ORANGE 2 24166	43.00 -0.25 0.00	40.45 -0.24 0.00	44.59 -0.15 0.00	40.20 -0.20 0.00	37.71 -0.19 0.00	38.74 -0.20 0.00	50.81 -0.24 0.00	46.46 -0.15 0.00	44.03 -0.21 0.00	41.49 -0.29 0.00	38.03 -0.36 0.00	35.97 -0.35 0.00	34.07 -0.31 0.00	32.29 -0.27 0.00	32.95 -0.25 0.00	32.26 -0.27 0.00	32.34 -0.25 0.00	77.84 -0.27 0.00	51.21 -0.17 0.00	57.97 -0.18 0.00	45.80 -0.17 0.00	44.55 -0.26 0.00	38.74 -0.27 0.00	46.35 -0.28 0.00
PUCKETT___SOLAR 323809	43.47 0.22 0.00	40.82 0.14 0.00	45.02 0.29 0.00	40.72 0.31 0.00	38.29 0.39 0.00	39.35 0.41 0.00	51.61 0.56 0.00	47.41 0.79 0.00	45.03 0.78 0.00	42.29 0.51 0.00	38.66 0.26 0.00	36.44 0.12 0.00	34.44 0.06 0.00	32.56 0.00 0.00	33.33 0.12 0.00	32.64 0.11 0.00	32.83 0.24 0.00	79.84 1.74 0.00	52.49 1.11 0.00	59.68 1.53 0.00	47.19 1.22 0.00	45.81 1.01 0.00	39.75 0.74 0.00	47.25 0.62 0.00
PYRITES___HYD 24023	44.57 1.32 0.00	42.07 1.39 0.00	46.07 1.33 0.00	41.66 1.25 0.00	39.05 1.16 0.00	40.42 1.49 0.00	53.07 2.02 0.00	48.28 1.67 0.00	45.01 0.76 0.00	41.78 0.01 0.00	38.31 -0.08 0.00	36.23 -0.09 0.00	34.24 -0.15 0.00	32.42 -0.14 0.00	33.07 -0.13 0.00	32.27 -0.26 0.00	32.23 -0.35 0.00	78.28 0.18 0.00	51.80 0.41 0.00	59.58 1.43 0.00	47.14 1.17 0.00	46.11 1.31 0.00	40.32 1.31 0.00	48.18 1.56 0.00
QUAKERRD_115KV_BK1 80622	42.33 -0.91 0.00	39.98 -0.70 0.00	44.16 -0.57 0.00	39.80 -0.61 0.00	37.32 -0.57 0.00	38.60 -0.34 0.00	50.45 -0.60 0.00	46.18 -0.44 0.00	43.47 -0.78 0.00	40.87 -0.90 0.00	37.41 -0.99 0.00	35.35 -0.98 0.00	33.48 -0.91 0.00	31.84 -0.72 0.00	32.53 -0.67 0.00	31.74 -0.79 0.00	31.70 -0.88 0.00	76.82 -1.28 0.00	50.33 -1.05 0.00	57.01 -1.14 0.00	44.97 -1.00 0.00	43.83 -0.97 0.00	38.14 -0.87 0.00	45.60 -1.02 0.00
QUENSBRY_115KV_TB8 356137	45.17 1.92 0.00	42.26 1.58 0.00	46.22 1.49 0.00	41.77 1.37 0.00	39.35 1.45 0.00	40.65 1.71 0.00	53.96 2.91 0.00	49.11 2.50 0.00	46.58 2.34 0.00	43.59 1.81 0.00	39.91 1.52 0.00	37.59 1.27 0.00	35.50 1.11 0.00	33.40 0.84 0.00	34.06 0.86 0.00	33.54 1.01 0.00	33.83 1.25 0.00	80.96 2.86 0.00	53.94 2.56 0.00	60.90 2.75 0.00	48.12 2.15 0.00	46.73 1.93 0.00	40.67 1.66 0.00	48.41 1.79 0.00
RAMAPO___LBMP 323565	43.87 0.62 0.00	41.06 0.37 0.00	45.10 0.36 0.00	40.69 0.28 0.00	38.20 0.31 0.00	39.26 0.32 0.00	51.82 0.77 0.00	47.44 0.83 0.00	45.50 1.26 0.00	43.31 1.53 0.00	40.14 1.74 0.00	37.90 1.58 0.00	35.71 1.33 0.00	33.69 1.12 0.00	34.20 1.00 0.00	33.75 1.22 0.00	33.86 1.28 0.00	80.46 2.36 0.00	52.97 1.59 0.00	59.93 1.78 0.00	47.35 1.38 0.00	45.82 1.03 0.00	39.77 0.76 0.00	47.05 0.42 0.00
RANKINE____ 23646	43.48 0.23 0.00	41.29 0.60 0.00	45.80 1.07 0.00	41.15 0.75 0.00	38.55 0.65 0.00	40.12 1.19 0.00	52.02 0.97 0.00	47.60 0.98 0.00	44.66 0.41 0.00	42.16 0.39 0.00	38.67 0.27 0.00	36.58 0.26 0.00	34.71 0.32 0.00	33.13 0.57 0.00	33.99 0.79 0.00	32.95 0.42 0.00	32.71 0.13 0.00	79.37 1.27 0.00	51.52 0.13 0.00	58.27 0.12 0.00	45.82 -0.15 0.00	44.80 0.01 0.00	38.98 -0.03 0.00	46.56 -0.07 0.00
RAVENSWOOD_GT2_1 24244	44.35 1.10 0.00	41.50 0.81 0.00	45.51 0.77 0.00	41.06 0.66 0.00	38.59 0.69 0.00	39.66 0.73 0.00	52.41 1.36 0.00	48.08 1.46 0.00	46.21 1.97 0.00	44.02 2.24 0.00	40.85 2.46 0.00	38.64 2.32 0.00	36.43 2.04 0.00	34.37 1.80 0.00	34.90 1.69 0.00	34.40 1.87 0.00	34.45 1.87 0.00	81.67 3.57 0.00	53.65 2.27 0.00	60.65 2.50 0.00	47.95 1.98 0.00	46.37 1.57 0.00	40.21 1.20 0.00	47.52 0.90 0.00

RAVENSWOOD_GT2_2 24245	44.35 1.10 0.00	41.50 0.81 0.00	45.51 0.77 0.00	41.06 0.66 0.00	38.59 0.69 0.00	39.66 0.73 0.00	52.41 1.36 0.00	48.08 1.46 0.00	46.21 1.97 0.00	44.02 2.24 0.00	40.85 2.46 0.00	38.64 2.32 0.00	36.43 2.04 0.00	34.37 1.80 0.00	34.90 1.69 0.00	34.40 1.87 0.00	34.45 1.87 0.00	81.67 3.57 0.00	53.65 2.27 0.00	60.65 2.50 0.00	47.95 1.98 0.00	46.37 1.57 0.00	40.21 1.20 0.00	47.52 0.90 0.00
RAVENSWOOD_GT2_3 24246	44.37 1.12 0.00	41.52 0.83 0.00	45.54 0.81 0.00	41.08 0.67 0.00	38.61 0.72 0.00	39.68 0.75 0.00	52.42 1.36 0.00	48.11 1.49 0.00	46.23 1.99 0.00	44.04 2.26 0.00	40.87 2.48 0.00	38.65 2.33 0.00	36.45 2.06 0.00	34.37 1.81 0.00	34.92 1.71 0.00	34.41 1.88 0.00	34.48 1.89 0.00	81.71 3.61 0.00	53.68 2.30 0.00	60.70 2.55 0.00	47.97 2.00 0.00	46.39 1.59 0.00	40.22 1.21 0.00	47.53 0.91 0.00
RAVENSWOOD_GT2_4 24247	44.37 1.12 0.00	41.52 0.83 0.00	45.54 0.81 0.00	41.08 0.67 0.00	38.61 0.72 0.00	39.68 0.75 0.00	52.42 1.36 0.00	48.11 1.49 0.00	46.23 1.99 0.00	44.04 2.26 0.00	40.87 2.48 0.00	38.65 2.33 0.00	36.45 2.06 0.00	34.37 1.81 0.00	34.92 1.71 0.00	34.41 1.88 0.00	34.48 1.89 0.00	81.71 3.61 0.00	53.68 2.30 0.00	60.70 2.55 0.00	47.97 2.00 0.00	46.39 1.59 0.00	40.22 1.21 0.00	47.53 0.91 0.00
RAVENSWOOD_GT3_1 24248	44.35 1.10 0.00	41.50 0.81 0.00	45.51 0.77 0.00	41.06 0.66 0.00	38.59 0.69 0.00	39.66 0.73 0.00	52.42 1.36 0.00	48.08 1.46 0.00	46.21 1.97 0.00	44.02 2.24 0.00	40.86 2.46 0.00	38.64 2.32 0.00	36.44 2.05 0.00	34.37 1.80 0.00	34.90 1.70 0.00	34.40 1.87 0.00	34.46 1.87 0.00	81.67 3.57 0.00	53.65 2.27 0.00	60.66 2.51 0.00	47.96 1.99 0.00	46.37 1.57 0.00	40.21 1.20 0.00	47.52 0.90 0.00
RAVENSWOOD_GT3_2 24249	44.35 1.10 0.00	41.50 0.81 0.00	45.51 0.77 0.00	41.06 0.66 0.00	38.59 0.69 0.00	39.66 0.73 0.00	52.42 1.36 0.00	48.08 1.46 0.00	46.21 1.97 0.00	44.02 2.24 0.00	40.86 2.46 0.00	38.64 2.32 0.00	36.44 2.05 0.00	34.37 1.80 0.00	34.90 1.70 0.00	34.40 1.87 0.00	34.46 1.87 0.00	81.67 3.57 0.00	53.65 2.27 0.00	60.66 2.51 0.00	47.96 1.99 0.00	46.37 1.57 0.00	40.21 1.20 0.00	47.52 0.90 0.00
RAVENSWOOD_GT3_3 24250	44.42 1.17 0.00	41.57 0.88 0.00	45.59 0.85 0.00	41.12 0.71 0.00	38.65 0.76 0.00	39.73 0.79 0.00	52.48 1.43 0.00	48.16 1.54 0.00	46.29 2.05 0.00	44.09 2.32 0.00	40.91 2.52 0.00	38.70 2.38 0.00	36.49 2.10 0.00	34.41 1.85 0.00	34.95 1.75 0.00	34.45 1.93 0.00	34.52 1.94 0.00	81.82 3.72 0.00	53.74 2.36 0.00	60.76 2.61 0.00	48.02 2.05 0.00	46.44 1.64 0.00	40.26 1.25 0.00	47.58 0.96 0.00
RAVENSWOOD_GT3_4 24251	44.42 1.17 0.00	41.57 0.88 0.00	45.59 0.85 0.00	41.12 0.71 0.00	38.65 0.76 0.00	39.73 0.79 0.00	52.48 1.43 0.00	48.16 1.54 0.00	46.29 2.05 0.00	44.09 2.32 0.00	40.91 2.52 0.00	38.70 2.38 0.00	36.49 2.10 0.00	34.41 1.85 0.00	34.95 1.75 0.00	34.45 1.93 0.00	34.52 1.94 0.00	81.82 3.72 0.00	53.74 2.36 0.00	60.76 2.61 0.00	48.02 2.05 0.00	46.44 1.64 0.00	40.26 1.25 0.00	47.58 0.96 0.00
RAVENSWOOD_GT_1 23729	46.59 1.30 -2.04	44.20 1.00 -2.51	47.24 0.96 -1.55	43.69 0.83 -2.44	41.73 0.87 -2.97	42.71 0.89 -2.88	53.80 1.55 -1.19	49.77 1.72 -1.44	48.92 2.22 -2.46	50.47 2.48 -6.21	51.96 2.67 -10.89	49.49 2.52 -10.65	45.26 2.23 -8.64	43.69 1.98 -9.15	43.59 1.89 -8.50	43.90 2.06 -9.32	44.13 2.06 -9.49	84.54 3.96 -2.47	56.00 2.53 -2.09	66.76 2.82 -5.79	55.43 2.22 -7.24	50.23 1.79 -3.64	43.64 1.37 -3.26	49.93 1.09 -2.22
RAVENSWOOD_GT_10 24258	44.58 1.09 -0.23	41.78 0.81 -0.29	45.68 0.77 -0.18	41.34 0.66 -0.28	38.93 0.69 -0.34	39.99 0.72 -0.33	52.54 1.35 -0.14	48.23 1.45 -0.16	46.41 1.96 -0.21	43.86 2.24 0.15	40.53 2.45 0.31	38.40 2.31 0.23	36.36 2.04 0.06	34.32 1.79 0.03	34.93 1.69 -0.04	34.38 1.86 0.01	34.44 1.87 0.01	81.88 3.56 -0.22	53.88 2.25 -0.24	61.32 2.50 -0.67	48.78 1.97 -0.84	46.78 1.56 -0.42	40.58 1.19 -0.37	47.77 0.89 -0.26
RAVENSWOOD_GT_11 24259	44.58 1.09 -0.23	41.78 0.81 -0.29	45.68 0.77 -0.18	41.34 0.66 -0.28	38.93 0.69 -0.34	39.99 0.72 -0.33	52.54 1.35 -0.14	48.23 1.45 -0.16	46.41 1.96 -0.21	43.86 2.24 0.15	40.53 2.45 0.31	38.40 2.31 0.23	36.36 2.04 0.06	34.32 1.79 0.03	34.93 1.69 -0.04	34.38 1.86 0.01	34.44 1.87 0.01	81.88 3.56 -0.22	53.88 2.25 -0.24	61.32 2.50 -0.67	48.78 1.97 -0.84	46.78 1.56 -0.42	40.58 1.19 -0.37	47.77 0.89 -0.26
RAVENSWOOD_GT_4 24252	45.87 1.08 -1.55	43.37 0.78 -1.90	46.67 0.76 -1.17	42.90 0.63 -1.86	40.82 0.67 -2.26	41.84 0.71 -2.19	53.28 1.32 -0.91	49.13 1.42 -1.09	47.56 1.93 -1.38	43.00 2.21 0.99	38.78 2.43 2.04	37.09 2.29 1.53	35.99 2.02 0.41	34.11 1.78 0.23	35.13 1.67 -0.26	34.30 1.84 0.07	34.35 1.85 0.08	83.09 3.53 -1.45	55.21 2.24 -1.58	65.05 2.48 -4.41	53.43 1.95 -5.51	49.11 1.53 -2.77	42.65 1.17 -2.48	49.17 0.86 -1.69
RAVENSWOOD_GT_5 24254	45.87 1.08 -1.55	43.37 0.78 -1.90	46.67 0.76 -1.17	42.90 0.63 -1.86	40.82 0.67 -2.26	41.84 0.71 -2.19	53.28 1.32 -0.91	49.13 1.42 -1.09	47.56 1.93 -1.38	43.00 2.21 0.99	38.78 2.43 2.04	37.09 2.29 1.53	35.99 2.02 0.41	34.11 1.78 0.23	35.13 1.67 -0.26	34.30 1.84 0.07	34.35 1.85 0.08	83.09 3.53 -1.45	55.21 2.24 -1.58	65.05 2.48 -4.41	53.43 1.95 -5.51	49.11 1.53 -2.77	42.65 1.17 -2.48	49.17 0.86 -1.69
RAVENSWOOD_GT_6 24253	45.87 1.08 -1.55	43.37 0.78 -1.90	46.67 0.76 -1.17	42.90 0.63 -1.86	40.82 0.67 -2.26	41.84 0.71 -2.19	53.28 1.32 -0.91	49.13 1.42 -1.09	47.56 1.93 -1.38	43.00 2.21 0.99	38.78 2.43 2.04	37.09 2.29 1.53	35.99 2.02 0.41	34.11 1.78 0.23	35.13 1.67 -0.26	34.30 1.84 0.07	34.35 1.85 0.08	83.09 3.53 -1.45	55.21 2.24 -1.58	65.05 2.48 -4.41	53.43 1.95 -5.51	49.11 1.53 -2.77	42.65 1.17 -2.48	49.17 0.86 -1.69
RAVENSWOOD_GT_7 24255	45.87 1.08 -1.55	43.37 0.78 -1.90	46.67 0.76 -1.17	42.90 0.63 -1.86	40.82 0.67 -2.26	41.84 0.71 -2.19	53.28 1.32 -0.91	49.13 1.42 -1.09	47.56 1.93 -1.38	43.00 2.21 0.99	38.78 2.43 2.04	37.09 2.29 1.53	35.99 2.02 0.41	34.11 1.78 0.23	35.13 1.67 -0.26	34.30 1.84 0.07	34.35 1.85 0.08	83.09 3.53 -1.45	55.21 2.24 -1.58	65.05 2.48 -4.41	53.43 1.95 -5.51	49.11 1.53 -2.77	42.65 1.17 -2.48	49.17 0.86 -1.69
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	44.58 1.09 -0.23	41.78 0.81 -0.29	45.68 0.77 -0.18	41.34 0.66 -0.28	38.93 0.69 -0.34	39.99 0.72 -0.33	52.54 1.35 -0.14	48.23 1.45 -0.16	46.41 1.96 -0.21	43.86 2.24 0.15	40.53 2.45 0.31	38.40 2.31 0.23	36.36 2.04 0.06	34.32 1.79 0.03	34.93 1.69 -0.04	34.38 1.86 0.01	34.44 1.87 0.01	81.88 3.56 -0.22	53.88 2.25 -0.24	61.32 2.50 -0.67	48.78 1.97 -0.84	46.78 1.56 -0.42	40.58 1.19 -0.37	47.77 0.89 -0.26

RAVENSWOOD_GT_9 24257	44.58 1.09 -0.23	41.78 0.81 -0.29	45.68 0.77 -0.18	41.34 0.66 -0.28	38.93 0.69 -0.34	39.99 0.72 -0.33	52.54 1.35 -0.14	48.23 1.45 -0.16	46.41 1.96 -0.21	43.86 2.24 0.15	40.53 2.45 0.31	38.40 2.31 0.23	36.36 2.04 0.06	34.32 1.79 0.03	34.93 1.69 -0.04	34.38 1.86 0.01	34.44 1.87 0.01	81.88 3.56 -0.22	53.88 2.25 -0.24	61.32 2.50 -0.67	48.78 1.97 -0.84	46.78 1.56 -0.42	40.58 1.19 -0.37	47.77 0.89 -0.26
RAVENSWOOD___1 23533	42.49 1.24 2.01	39.16 0.93 2.46	44.11 0.90 1.52	38.78 0.78 2.41	35.79 0.81 2.92	36.93 0.83 2.84	51.35 1.46 1.17	46.85 1.64 1.42	44.61 2.15 1.78	45.48 2.42 -1.29	43.64 2.61 -2.64	40.76 2.47 -1.97	37.11 2.18 -0.54	34.79 1.94 -0.29	34.68 1.82 0.34	34.62 2.00 -0.09	34.70 2.00 -0.11	80.07 3.84 1.87	51.80 2.47 2.05	55.17 2.73 5.71	41.00 2.16 7.13	42.94 1.73 3.58	37.12 1.32 3.20	45.46 1.02 2.18
RAVENSWOOD___2 23534	42.49 1.24 2.01	39.16 0.93 2.46	44.11 0.90 1.52	38.78 0.78 2.41	35.79 0.81 2.92	36.93 0.83 2.84	51.35 1.46 1.17	46.85 1.64 1.42	44.61 2.15 1.78	45.48 2.42 -1.29	43.64 2.61 -2.64	40.76 2.47 -1.97	37.11 2.18 -0.54	34.79 1.94 -0.29	34.68 1.82 0.34	34.62 2.00 -0.09	34.70 2.00 -0.11	80.07 3.84 1.87	51.80 2.47 2.05	55.17 2.73 5.71	41.00 2.16 7.13	42.94 1.73 3.58	37.12 1.32 3.20	45.46 1.02 2.18
RAVENSWOOD___3 23535	44.35 1.11 0.00	41.50 0.81 0.00	45.51 0.77 0.00	41.07 0.66 0.00	38.59 0.69 0.00	39.67 0.73 0.00	52.42 1.37 0.00	48.08 1.47 0.00	46.22 1.97 0.00	44.03 2.25 0.00	40.85 2.46 0.00	38.65 2.33 0.00	36.44 2.05 0.00	34.38 1.82 0.00	34.90 1.70 0.00	34.40 1.87 0.00	34.46 1.88 0.00	81.68 3.58 0.00	53.67 2.28 0.00	60.67 2.52 0.00	47.96 1.99 0.00	46.37 1.57 0.00	40.21 1.20 0.00	47.52 0.90 0.00
RAVENSWOOD___4 23820	42.49 1.24 2.01	39.16 0.93 2.46	44.11 0.90 1.52	38.78 0.78 2.41	35.79 0.81 2.92	36.93 0.83 2.84	51.35 1.46 1.17	46.85 1.64 1.42	44.61 2.15 1.78	45.48 2.42 -1.29	43.64 2.61 -2.64	40.76 2.47 -1.97	37.11 2.18 -0.54	34.79 1.94 -0.29	34.68 1.82 0.34	34.62 2.00 -0.09	34.70 2.00 -0.11	80.07 3.84 1.87	51.80 2.47 2.05	55.17 2.73 5.71	41.00 2.16 7.13	42.94 1.73 3.58	37.12 1.32 3.20	45.46 1.02 2.18
RCPI_TRUST___DRP 24196	44.31 1.06 0.00	41.46 0.77 0.00	45.46 0.73 0.00	41.03 0.62 0.00	38.55 0.66 0.00	39.62 0.69 0.00	52.37 1.31 0.00	48.03 1.42 0.00	46.17 1.92 0.00	43.99 2.21 0.00	40.84 2.44 0.00	38.62 2.30 0.00	36.42 2.03 0.00	34.36 1.79 0.00	34.89 1.69 0.00	34.37 1.84 0.00	34.43 1.85 0.00	81.63 3.53 0.00	53.60 2.22 0.00	60.59 2.44 0.00	47.89 1.92 0.00	46.31 1.51 0.00	40.16 1.15 0.00	47.45 0.83 0.00
RED___ROCHESTER 323720	43.51 0.26 0.00	41.12 0.43 0.00	45.43 0.70 0.00	40.92 0.51 0.00	38.37 0.47 0.00	39.75 0.82 0.00	51.95 0.90 0.00	47.56 0.94 0.00	44.68 0.43 0.00	41.98 0.20 0.00	38.42 0.02 0.00	36.28 -0.04 0.00	34.36 -0.03 0.00	32.71 0.14 0.00	33.43 0.23 0.00	32.57 0.04 0.00	32.52 -0.06 0.00	79.07 0.97 0.00	51.74 0.35 0.00	58.62 0.47 0.00	46.22 0.25 0.00	45.09 0.29 0.00	39.21 0.20 0.00	46.85 0.22 0.00
REGAN___SOLAR 323812	45.28 2.03 0.00	42.51 1.82 0.00	46.74 2.00 0.00	42.28 1.88 0.00	39.75 1.86 0.00	40.96 2.02 0.00	54.10 3.04 0.00	49.34 2.73 0.00	46.12 1.87 0.00	42.57 0.80 0.00	38.16 -0.24 0.00	35.77 -0.55 0.00	33.68 -0.71 0.00	31.45 -1.12 0.00	31.95 -1.25 0.00	31.52 -1.01 0.00	31.78 -0.80 0.00	78.94 0.84 0.00	53.87 2.48 0.00	61.75 3.60 0.00	48.94 2.97 0.00	47.48 2.68 0.00	41.24 2.23 0.00	49.14 2.51 0.00
RENSSELAER___COGEN 23796	42.80 -0.45 0.00	40.13 -0.55 0.00	44.05 -0.69 0.00	39.85 -0.56 0.00	37.52 -0.38 0.00	38.44 -0.50 0.00	50.72 -0.33 0.00	46.31 -0.30 0.00	44.14 -0.10 0.00	41.76 -0.01 0.00	38.38 -0.02 0.00	36.30 -0.02 0.00	34.41 0.03 0.00	32.51 -0.05 0.00	33.09 -0.11 0.00	32.57 0.05 0.00	32.73 0.14 0.00	77.60 -0.51 0.00	51.30 -0.08 0.00	57.85 -0.30 0.00	45.80 -0.16 0.00	44.38 -0.42 0.00	38.57 -0.45 0.00	46.07 -0.55 0.00
REPUBLIC_115KV_BARTNBRK 55605	46.95 3.70 0.00	43.82 3.13 0.00	47.63 2.90 0.00	43.09 2.68 0.00	40.70 2.80 0.00	42.30 3.36 0.00	56.44 5.39 0.00	51.04 4.43 0.00	48.29 4.05 0.00	45.06 3.29 0.00	41.48 3.08 0.00	39.11 2.78 0.00	36.81 2.43 0.00	34.52 1.95 0.00	35.25 2.05 0.00	34.57 2.04 0.00	34.88 2.30 0.00	83.07 4.97 0.00	55.84 4.45 0.00	62.75 4.60 0.00	49.42 3.45 0.00	48.22 3.42 0.00	42.17 3.16 0.00	50.19 3.57 0.00
REVERE_CPPR_DRP 24186	44.34 1.09 0.00	41.62 0.93 0.00	45.66 0.93 0.00	41.26 0.86 0.00	38.71 0.81 0.00	39.88 0.95 0.00	52.65 1.59 0.00	48.08 1.47 0.00	45.35 1.11 0.00	42.36 0.58 0.00	38.71 0.32 0.00	36.59 0.27 0.00	34.57 0.19 0.00	32.79 0.23 0.00	33.45 0.25 0.00	32.77 0.25 0.00	32.97 0.38 0.00	79.90 1.80 0.00	53.28 1.90 0.00	60.41 2.26 0.00	47.81 1.84 0.00	46.43 1.63 0.00	40.29 1.28 0.00	47.95 1.33 0.00
REYNOLDS_115KV_TB3 80639	43.04 -0.21 0.00	40.35 -0.34 0.00	44.25 -0.49 0.00	40.05 -0.36 0.00	37.71 -0.19 0.00	38.67 -0.26 0.00	51.01 -0.04 0.00	46.53 -0.08 0.00	44.37 0.12 0.00	41.96 0.19 0.00	38.58 0.18 0.00	36.50 0.18 0.00	34.59 0.20 0.00	32.66 0.09 0.00	33.26 0.05 0.00	32.73 0.20 0.00	32.90 0.32 0.00	77.98 -0.13 0.00	51.53 0.15 0.00	58.06 -0.10 0.00	45.99 0.02 0.00	44.57 -0.23 0.00	38.74 -0.27 0.00	46.29 -0.34 0.00
RIVERBAY____ 323610	44.34 1.08 0.00	41.57 0.88 -0.01	45.64 0.90 0.00	41.17 0.77 0.00	38.69 0.80 0.00	39.70 0.76 0.00	52.29 1.24 0.00	48.04 1.42 0.00	46.13 1.88 -0.01	43.94 2.16 -0.01	40.77 2.36 -0.01	38.57 2.24 -0.01	36.35 1.96 0.00	34.28 1.71 0.00	34.82 1.62 0.00	34.32 1.79 0.00	34.39 1.81 -0.01	81.44 3.33 0.00	53.53 2.15 0.00	60.59 2.44 0.00	47.92 1.95 0.00	46.32 1.53 0.00	40.16 1.14 0.00	47.48 0.85 0.00
RIVERSDE_115KV_TB3 55908	42.95 -0.30 0.00	40.26 -0.43 0.00	44.17 -0.56 0.00	39.97 -0.44 0.00	37.64 -0.26 0.00	38.58 -0.36 0.00	50.91 -0.14 0.00	46.45 -0.16 0.00	44.29 0.05 0.00	41.89 0.11 0.00	38.51 0.11 0.00	36.42 0.10 0.00	34.52 0.13 0.00	32.60 0.04 0.00	33.19 -0.01 0.00	32.68 0.15 0.00	32.84 0.26 0.00	77.88 -0.22 0.00	51.46 0.08 0.00	58.00 -0.15 0.00	45.94 -0.03 0.00	44.51 -0.29 0.00	38.68 -0.33 0.00	46.21 -0.41 0.00
ROARING___BROOK_WT_PWR 323790	43.34 0.09 0.00	40.74 0.06 0.00	44.60 -0.13 0.00	40.33 -0.08 0.00	37.74 -0.16 0.00	38.79 -0.15 0.00	50.83 -0.22 0.00	46.33 -0.28 0.00	43.86 -0.38 0.00	41.45 -0.32 0.00	38.29 -0.11 0.00	36.35 0.03 0.00	34.36 -0.03 0.00	32.58 0.02 0.00	33.27 0.07 0.00	32.57 0.04 0.00	32.59 0.01 0.00	78.22 0.11 0.00	51.43 0.05 0.00	58.26 0.10 0.00	46.03 0.06 0.00	44.85 0.05 0.00	39.04 0.03 0.00	46.71 0.08 0.00

ROCHESRG_115KV_T4 355643	43.09 -0.16 0.00	40.74 0.05 0.00	45.04 0.30 0.00	40.56 0.15 0.00	38.02 0.13 0.00	39.37 0.44 0.00	51.40 0.35 0.00	47.03 0.42 0.00	44.22 -0.02 0.00	41.59 -0.18 0.00	38.06 -0.34 0.00	35.99 -0.33 0.00	34.11 -0.28 0.00	32.48 -0.09 0.00	33.21 0.01 0.00	32.34 -0.19 0.00	32.26 -0.32 0.00	78.21 0.11 0.00	51.13 -0.25 0.00	57.92 -0.24 0.00	45.66 -0.31 0.00	44.56 -0.24 0.00	38.78 -0.23 0.00	46.37 -0.25 0.00
ROCHESTER_9_IC 23652	43.31 0.06 0.00	40.94 0.25 0.00	45.25 0.51 0.00	40.75 0.34 0.00	38.21 0.31 0.00	39.58 0.64 0.00	51.71 0.65 0.00	47.33 0.71 0.00	44.48 0.24 0.00	41.80 0.03 0.00	38.25 -0.14 0.00	36.15 -0.17 0.00	34.25 -0.14 0.00	32.61 0.04 0.00	33.34 0.13 0.00	32.47 -0.05 0.00	32.40 -0.18 0.00	78.66 0.56 0.00	51.44 0.06 0.00	58.29 0.13 0.00	45.95 -0.02 0.00	44.83 0.03 0.00	39.00 -0.01 0.00	46.61 -0.01 0.00
ROCKVIEW_13_KV_LD 356306	44.44 1.19 0.00	41.59 0.90 0.00	45.63 0.90 0.00	41.16 0.75 0.00	38.67 0.77 0.00	39.74 0.81 0.00	52.52 1.46 0.00	48.15 1.53 0.00	46.23 1.99 0.00	44.02 2.24 0.00	40.78 2.39 0.00	38.58 2.26 0.00	36.37 1.98 0.00	34.29 1.72 0.00	34.83 1.63 0.00	34.34 1.81 0.00	34.41 1.83 0.00	81.65 3.55 0.00	53.69 2.30 0.00	60.70 2.55 0.00	47.98 2.01 0.00	46.42 1.62 0.00	40.25 1.24 0.00	47.60 0.97 0.00
ROME____115KV_TB2 80656	44.34 1.09 0.00	41.62 0.93 0.00	45.66 0.93 0.00	41.26 0.86 0.00	38.71 0.81 0.00	39.88 0.95 0.00	52.65 1.59 0.00	48.08 1.47 0.00	45.35 1.11 0.00	42.36 0.58 0.00	38.71 0.32 0.00	36.59 0.27 0.00	34.57 0.19 0.00	32.79 0.23 0.00	33.45 0.25 0.00	32.77 0.25 0.00	32.97 0.38 0.00	79.90 1.80 0.00	53.28 1.90 0.00	60.41 2.26 0.00	47.81 1.84 0.00	46.43 1.63 0.00	40.29 1.28 0.00	47.95 1.33 0.00
ROSETON___1 23587	43.88 0.63 0.00	41.10 0.41 0.00	45.12 0.39 0.00	40.72 0.32 0.00	38.27 0.37 0.00	39.28 0.34 0.00	51.88 0.83 0.00	47.48 0.87 0.00	45.49 1.25 0.00	43.25 1.47 0.00	40.01 1.61 0.00	37.82 1.50 0.00	35.67 1.29 0.00	33.66 1.09 0.00	34.19 1.00 0.00	33.70 1.18 0.00	33.80 1.22 0.00	80.31 2.21 0.00	52.89 1.51 0.00	59.80 1.65 0.00	47.27 1.30 0.00	45.75 0.95 0.00	39.71 0.70 0.00	47.05 0.42 0.00
ROSETON___2 23588	43.88 0.63 0.00	41.10 0.41 0.00	45.12 0.39 0.00	40.72 0.32 0.00	38.27 0.37 0.00	39.28 0.34 0.00	51.88 0.83 0.00	47.48 0.87 0.00	45.49 1.25 0.00	43.25 1.47 0.00	40.01 1.61 0.00	37.82 1.50 0.00	35.67 1.29 0.00	33.66 1.09 0.00	34.19 1.00 0.00	33.70 1.18 0.00	33.80 1.22 0.00	80.31 2.21 0.00	52.89 1.51 0.00	59.80 1.65 0.00	47.27 1.30 0.00	45.75 0.95 0.00	39.71 0.70 0.00	47.05 0.42 0.00
ROTTORDAM_115KV_TB3 80664	43.79 0.54 0.00	41.09 0.41 0.00	45.17 0.44 0.00	40.83 0.43 0.00	38.36 0.46 0.00	39.36 0.42 0.00	51.90 0.84 0.00	47.35 0.74 0.00	45.04 0.79 0.00	42.45 0.67 0.00	38.95 0.56 0.00	36.80 0.48 0.00	34.82 0.44 0.00	32.87 0.31 0.00	33.48 0.28 0.00	32.88 0.35 0.00	33.03 0.45 0.00	79.11 1.01 0.00	52.36 0.97 0.00	59.23 1.07 0.00	46.85 0.88 0.00	45.46 0.66 0.00	39.52 0.51 0.00	47.10 0.48 0.00
RUSSELL___1 23602	43.51 0.26 0.00	41.12 0.43 0.00	45.44 0.71 0.00	40.92 0.51 0.00	38.37 0.47 0.00	39.76 0.82 0.00	51.97 0.91 0.00	47.56 0.95 0.00	44.68 0.44 0.00	41.99 0.21 0.00	38.41 0.01 0.00	36.27 -0.05 0.00	34.36 -0.03 0.00	32.71 0.15 0.00	33.43 0.23 0.00	32.57 0.05 0.00	32.52 -0.06 0.00	79.08 0.98 0.00	51.75 0.36 0.00	58.63 0.47 0.00	46.22 0.25 0.00	45.09 0.29 0.00	39.21 0.20 0.00	46.85 0.22 0.00
RUSSELL___2 23532	43.51 0.26 0.00	41.12 0.43 0.00	45.44 0.71 0.00	40.92 0.51 0.00	38.37 0.47 0.00	39.76 0.82 0.00	51.97 0.91 0.00	47.56 0.95 0.00	44.68 0.44 0.00	41.99 0.21 0.00	38.41 0.01 0.00	36.27 -0.05 0.00	34.36 -0.03 0.00	32.71 0.15 0.00	33.43 0.23 0.00	32.57 0.05 0.00	32.52 -0.06 0.00	79.08 0.98 0.00	51.75 0.36 0.00	58.63 0.47 0.00	46.22 0.25 0.00	45.09 0.29 0.00	39.21 0.20 0.00	46.85 0.22 0.00
RUSSELL___3 23549	43.51 0.26 0.00	41.12 0.43 0.00	45.44 0.71 0.00	40.92 0.51 0.00	38.37 0.47 0.00	39.76 0.82 0.00	51.97 0.91 0.00	47.56 0.95 0.00	44.68 0.44 0.00	41.99 0.21 0.00	38.41 0.01 0.00	36.27 -0.05 0.00	34.36 -0.03 0.00	32.71 0.15 0.00	33.43 0.23 0.00	32.57 0.05 0.00	32.52 -0.06 0.00	79.08 0.98 0.00	51.75 0.36 0.00	58.63 0.47 0.00	46.22 0.25 0.00	45.09 0.29 0.00	39.21 0.20 0.00	46.85 0.22 0.00
RUSSELL___4 23556	43.51 0.26 0.00	41.12 0.43 0.00	45.44 0.71 0.00	40.92 0.51 0.00	38.37 0.47 0.00	39.76 0.82 0.00	51.97 0.91 0.00	47.56 0.95 0.00	44.68 0.44 0.00	41.99 0.21 0.00	38.41 0.01 0.00	36.27 -0.05 0.00	34.36 -0.03 0.00	32.71 0.15 0.00	33.43 0.23 0.00	32.57 0.05 0.00	32.52 -0.06 0.00	79.08 0.98 0.00	51.75 0.36 0.00	58.63 0.47 0.00	46.22 0.25 0.00	45.09 0.29 0.00	39.21 0.20 0.00	46.85 0.22 0.00
RUSSELL___STATION 23914	43.51 0.26 0.00	41.12 0.43 0.00	45.44 0.71 0.00	40.92 0.51 0.00	38.37 0.47 0.00	39.76 0.82 0.00	51.97 0.91 0.00	47.56 0.95 0.00	44.68 0.44 0.00	41.99 0.21 0.00	38.41 0.01 0.00	36.27 -0.05 0.00	34.36 -0.03 0.00	32.71 0.15 0.00	33.43 0.23 0.00	32.57 0.05 0.00	32.52 -0.06 0.00	79.08 0.98 0.00	51.75 0.36 0.00	58.63 0.47 0.00	46.22 0.25 0.00	45.09 0.29 0.00	39.21 0.20 0.00	46.85 0.22 0.00
S SALMON___HYD 24043	42.49 -0.76 0.00	39.95 -0.74 0.00	43.83 -0.91 0.00	39.59 -0.81 0.00	37.14 -0.75 0.00	38.19 -0.75 0.00	50.19 -0.86 0.00	45.86 -0.75 0.00	43.09 -1.16 0.00	40.30 -1.48 0.00	37.00 -1.39 0.00	35.04 -1.28 0.00	33.15 -1.24 0.00	31.40 -1.16 0.00	32.04 -1.16 0.00	31.40 -1.13 0.00	31.51 -1.07 0.00	75.80 -2.31 0.00	50.58 -0.80 0.00	57.63 -0.52 0.00	45.66 -0.31 0.00	44.39 -0.41 0.00	38.53 -0.48 0.00	46.05 -0.57 0.00
S.PERRY__115KV_TB1 80734	45.72 2.47 0.00	43.11 2.43 0.00	47.59 2.86 0.00	42.84 2.44 0.00	40.24 2.35 0.00	41.89 2.95 0.00	55.34 4.29 0.00	50.75 4.13 0.00	46.99 2.74 0.00	42.59 0.81 0.00	38.46 0.07 0.00	36.31 -0.01 0.00	34.35 -0.04 0.00	32.74 0.18 0.00	33.53 0.33 0.00	32.61 0.08 0.00	32.64 0.05 0.00	80.41 2.30 0.00	52.65 1.27 0.00	60.18 2.03 0.00	47.53 1.56 0.00	46.32 1.52 0.00	40.15 1.14 0.00	47.60 0.97 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	43.09 -0.16 0.00	40.93 0.25 0.00	45.41 0.67 0.00	40.81 0.41 0.00	38.23 0.33 0.00	39.78 0.84 0.00	51.54 0.49 0.00	47.10 0.49 0.00	44.16 -0.09 0.00	41.71 -0.06 0.00	38.23 -0.16 0.00	36.21 -0.11 0.00	34.35 -0.04 0.00	32.80 0.24 0.00	33.65 0.45 0.00	32.61 0.08 0.00	32.36 -0.22 0.00	78.49 0.39 0.00	50.91 -0.48 0.00	57.60 -0.56 0.00	45.29 -0.67 0.00	44.35 -0.45 0.00	38.64 -0.37 0.00	46.20 -0.43 0.00

SAWYER___23_KV_LOAD 55526	43.09 -0.16 0.00	40.93 0.25 0.00	45.41 0.67 0.00	40.81 0.41 0.00	38.23 0.33 0.00	39.78 0.84 0.00	51.54 0.49 0.00	47.10 0.49 0.00	44.16 -0.09 0.00	41.71 -0.06 0.00	38.23 -0.16 0.00	36.21 -0.11 0.00	34.35 -0.04 0.00	32.80 0.24 0.00	33.65 0.45 0.00	32.61 0.08 0.00	32.36 -0.22 0.00	78.49 0.39 0.00	50.91 -0.48 0.00	57.60 -0.56 0.00	45.29 -0.67 0.00	44.35 -0.45 0.00	38.64 -0.37 0.00	46.20 -0.43 0.00
SELKIRK___I 23801	43.34 0.09 0.00	40.67 -0.01 0.00	44.71 -0.02 0.00	40.43 0.02 0.00	38.04 0.15 0.00	38.97 0.03 0.00	51.38 0.33 0.00	46.86 0.24 0.00	44.60 0.35 0.00	42.10 0.33 0.00	38.56 0.16 0.00	36.44 0.12 0.00	34.51 0.12 0.00	32.63 0.06 0.00	33.20 -0.01 0.00	32.67 0.14 0.00	32.81 0.23 0.00	78.34 0.24 0.00	51.86 0.47 0.00	58.59 0.44 0.00	46.36 0.39 0.00	44.92 0.13 0.00	39.05 0.04 0.00	46.62 -0.01 0.00
SELKIRK___II 23799	43.10 -0.15 0.00	40.43 -0.26 0.00	44.42 -0.31 0.00	40.17 -0.23 0.00	37.78 -0.11 0.00	38.71 -0.23 0.00	51.05 -0.01 0.00	46.59 -0.02 0.00	44.43 0.18 0.00	42.05 0.28 0.00	38.66 0.26 0.00	36.57 0.25 0.00	34.64 0.25 0.00	32.73 0.17 0.00	33.32 0.11 0.00	32.77 0.24 0.00	32.91 0.33 0.00	78.19 0.09 0.00	51.65 0.26 0.00	58.30 0.15 0.00	46.13 0.17 0.00	44.71 -0.09 0.00	38.86 -0.15 0.00	46.37 -0.25 0.00
SENECA OSWGO___HYD 24041	42.58 -0.67 0.00	40.05 -0.64 0.00	44.07 -0.66 0.00	39.79 -0.61 0.00	37.33 -0.57 0.00	38.34 -0.60 0.00	50.25 -0.80 0.00	45.94 -0.67 0.00	43.48 -0.77 0.00	40.94 -0.83 0.00	37.50 -0.90 0.00	35.46 -0.86 0.00	33.60 -0.79 0.00	31.83 -0.73 0.00	32.45 -0.75 0.00	31.79 -0.73 0.00	31.87 -0.71 0.00	76.69 -1.41 0.00	50.58 -0.81 0.00	57.29 -0.87 0.00	45.28 -0.69 0.00	44.05 -0.75 0.00	38.31 -0.70 0.00	45.89 -0.74 0.00
SENECA___115KV_TB3 355854	43.56 0.31 0.00	41.35 0.66 0.00	45.86 1.13 0.00	41.22 0.81 0.00	38.60 0.70 0.00	40.19 1.25 0.00	52.11 1.05 0.00	47.67 1.06 0.00	44.72 0.48 0.00	42.24 0.46 0.00	38.74 0.34 0.00	36.65 0.33 0.00	34.76 0.38 0.00	33.19 0.62 0.00	34.05 0.85 0.00	33.01 0.48 0.00	32.77 0.19 0.00	79.48 1.38 0.00	51.60 0.22 0.00	58.38 0.22 0.00	45.89 -0.08 0.00	44.88 0.08 0.00	39.03 0.02 0.00	46.62 0.00 0.00
SENECA___ENERGY 23797	42.94 -0.31 0.00	40.44 -0.25 0.00	44.70 -0.04 0.00	40.37 -0.03 0.00	37.91 0.01 0.00	39.06 0.12 0.00	51.25 0.19 0.00	47.02 0.41 0.00	44.45 0.20 0.00	41.84 0.06 0.00	38.28 -0.11 0.00	36.09 -0.23 0.00	34.17 -0.22 0.00	32.37 -0.19 0.00	33.11 -0.09 0.00	32.35 -0.17 0.00	32.41 -0.18 0.00	78.37 0.27 0.00	51.50 0.12 0.00	58.38 0.23 0.00	46.12 0.15 0.00	44.79 0.00 0.00	38.94 -0.08 0.00	46.43 -0.19 0.00
SHOEMAKER___GT 23640	43.83 0.58 0.00	41.06 0.37 0.00	45.11 0.37 0.00	40.72 0.32 0.00	38.24 0.35 0.00	39.26 0.33 0.00	51.78 0.73 0.00	47.36 0.74 0.00	45.30 1.06 0.00	43.03 1.26 0.00	39.80 1.40 0.00	37.53 1.21 0.00	35.39 1.00 0.00	33.41 0.85 0.00	33.94 0.74 0.00	33.42 0.89 0.00	33.56 0.98 0.00	79.98 1.88 0.00	52.71 1.33 0.00	59.67 1.52 0.00	47.19 1.22 0.00	45.69 0.89 0.00	39.70 0.69 0.00	47.04 0.41 0.00
SHOEMAKR_138KV_BK 111 55601	43.81 0.56 0.00	41.04 0.35 0.00	45.08 0.35 0.00	40.70 0.30 0.00	38.21 0.32 0.00	39.24 0.31 0.00	51.75 0.70 0.00	47.35 0.73 0.00	45.30 1.05 0.00	43.03 1.26 0.00	39.80 1.40 0.00	37.56 1.24 0.00	35.42 1.04 0.00	33.43 0.87 0.00	33.96 0.77 0.00	33.45 0.92 0.00	33.58 1.00 0.00	79.99 1.89 0.00	52.70 1.32 0.00	59.66 1.51 0.00	47.16 1.19 0.00	45.68 0.88 0.00	39.68 0.67 0.00	47.01 0.39 0.00
SHOREHAM_IC_1 23715	45.72 1.11 -1.36	42.26 0.86 -0.71	45.36 0.65 0.02	40.29 0.21 0.33	35.77 -0.06 2.06	36.90 -0.04 2.01	52.86 0.82 -0.98	46.98 0.72 0.35	49.09 1.33 -3.52	48.92 2.07 -5.07	45.36 2.11 -4.86	44.75 2.59 -5.84	35.48 2.02 0.93	33.01 1.44 0.99	32.59 0.76 1.37	32.75 1.46 1.24	32.15 1.13 1.56	75.80 0.52 2.82	53.75 0.48 -1.88	61.27 0.85 -2.27	48.62 0.70 -1.95	46.95 0.62 -1.53	39.76 0.27 -0.49	46.42 -0.20 0.00
SHOREHAM_IC_2 23716	45.72 1.11 -1.36	42.26 0.86 -0.71	45.36 0.65 0.02	40.29 0.21 0.33	35.77 -0.06 2.06	36.90 -0.04 2.01	52.86 0.82 -0.98	46.98 0.72 0.35	49.09 1.33 -3.52	48.92 2.07 -5.07	45.36 2.11 -4.86	44.75 2.59 -5.84	35.48 2.02 0.93	33.01 1.44 0.99	32.59 0.76 1.37	32.75 1.46 1.24	32.15 1.13 1.56	75.80 0.52 2.82	53.75 0.48 -1.88	61.27 0.85 -2.27	48.62 0.70 -1.95	46.95 0.62 -1.53	39.76 0.27 -0.49	46.42 -0.20 0.00
SISSONVILLE___ 23735	43.31 0.06 0.00	40.89 0.20 0.00	44.75 0.01 0.00	40.46 0.05 0.00	37.92 0.02 0.00	39.21 0.27 0.00	51.43 0.38 0.00	46.80 0.18 0.00	43.82 -0.42 0.00	40.96 -0.82 0.00	37.60 -0.80 0.00	35.61 -0.72 0.00	33.65 -0.73 0.00	31.86 -0.71 0.00	32.50 -0.70 0.00	31.72 -0.80 0.00	31.71 -0.87 0.00	76.80 -1.30 0.00	50.77 -0.62 0.00	57.98 -0.17 0.00	45.87 -0.10 0.00	44.89 0.09 0.00	39.25 0.23 0.00	46.97 0.34 0.00
SITHE_IND_GS1 24169	42.31 -0.94 0.00	39.83 -0.86 0.00	43.85 -0.89 0.00	39.58 -0.82 0.00	37.10 -0.79 0.00	38.06 -0.88 0.00	49.81 -1.25 0.00	45.54 -1.08 0.00	43.13 -1.11 0.00	40.68 -1.10 0.00	37.34 -1.06 0.00	35.32 -1.00 0.00	33.47 -0.92 0.00	31.73 -0.84 0.00	32.37 -0.83 0.00	31.70 -0.82 0.00	31.75 -0.84 0.00	76.17 -1.93 0.00	50.13 -1.26 0.00	56.75 -1.40 0.00	44.85 -1.12 0.00	43.65 -1.15 0.00	38.02 -0.99 0.00	45.64 -0.98 0.00
SITHE_IND_GS2 24170	42.31 -0.94 0.00	39.83 -0.86 0.00	43.85 -0.89 0.00	39.58 -0.82 0.00	37.10 -0.79 0.00	38.06 -0.88 0.00	49.81 -1.25 0.00	45.54 -1.08 0.00	43.13 -1.11 0.00	40.68 -1.10 0.00	37.34 -1.06 0.00	35.32 -1.00 0.00	33.47 -0.92 0.00	31.73 -0.84 0.00	32.37 -0.83 0.00	31.70 -0.82 0.00	31.75 -0.84 0.00	76.17 -1.93 0.00	50.13 -1.26 0.00	56.75 -1.40 0.00	44.85 -1.12 0.00	43.65 -1.15 0.00	38.02 -0.99 0.00	45.64 -0.98 0.00
SITHE_IND_GS3 24171	42.31 -0.94 0.00	39.83 -0.86 0.00	43.85 -0.89 0.00	39.58 -0.82 0.00	37.10 -0.79 0.00	38.06 -0.88 0.00	49.81 -1.25 0.00	45.54 -1.08 0.00	43.13 -1.11 0.00	40.68 -1.10 0.00	37.34 -1.06 0.00	35.32 -1.00 0.00	33.47 -0.92 0.00	31.73 -0.84 0.00	32.37 -0.83 0.00	31.70 -0.82 0.00	31.75 -0.84 0.00	76.17 -1.93 0.00	50.13 -1.26 0.00	56.75 -1.40 0.00	44.85 -1.12 0.00	43.65 -1.15 0.00	38.02 -0.99 0.00	45.64 -0.98 0.00
SITHE_IND_GS4 24172	42.31 -0.94 0.00	39.83 -0.86 0.00	43.85 -0.89 0.00	39.58 -0.82 0.00	37.10 -0.79 0.00	38.06 -0.88 0.00	49.81 -1.25 0.00	45.54 -1.08 0.00	43.13 -1.11 0.00	40.68 -1.10 0.00	37.34 -1.06 0.00	35.32 -1.00 0.00	33.47 -0.92 0.00	31.73 -0.84 0.00	32.37 -0.83 0.00	31.70 -0.82 0.00	31.75 -0.84 0.00	76.17 -1.93 0.00	50.13 -1.26 0.00	56.75 -1.40 0.00	44.85 -1.12 0.00	43.65 -1.15 0.00	38.02 -0.99 0.00	45.64 -0.98 0.00

SITHE___BATAVIA 24024	44.06 0.81 0.00	41.78 1.09 0.00	46.28 1.54 0.00	41.64 1.24 0.00	39.06 1.16 0.00	40.68 1.74 0.00	53.46 2.41 0.00	49.18 2.56 0.00	45.97 1.73 0.00	42.79 1.01 0.00	38.93 0.53 0.00	36.40 0.08 0.00	34.40 0.02 0.00	32.82 0.26 0.00	33.72 0.52 0.00	32.54 0.01 0.00	32.40 -0.19 0.00	79.29 1.19 0.00	51.85 0.47 0.00	58.95 0.79 0.00	46.47 0.50 0.00	45.47 0.67 0.00	39.54 0.53 0.00	47.27 0.65 0.00
SITHE___INDEPEND 23800	42.31 -0.94 0.00	39.83 -0.86 0.00	43.85 -0.89 0.00	39.58 -0.82 0.00	37.10 -0.79 0.00	38.06 -0.88 0.00	49.81 -1.24 0.00	45.54 -1.08 0.00	43.13 -1.11 0.00	40.68 -1.09 0.00	37.34 -1.06 0.00	35.33 -1.00 0.00	33.47 -0.92 0.00	31.73 -0.84 0.00	32.37 -0.83 0.00	31.71 -0.82 0.00	31.75 -0.83 0.00	76.17 -1.93 0.00	50.12 -1.26 0.00	56.76 -1.40 0.00	44.85 -1.12 0.00	43.65 -1.15 0.00	38.02 -0.99 0.00	45.64 -0.98 0.00
SITHE___MASSENA 23902	44.32 1.07 0.00	41.84 1.15 0.00	45.85 1.12 0.00	41.44 1.03 0.00	38.82 0.93 0.00	40.08 1.14 0.00	52.47 1.42 0.00	47.76 1.15 0.00	44.95 0.71 0.00	42.38 0.60 0.00	38.92 0.52 0.00	36.86 0.54 0.00	34.90 0.51 0.00	33.05 0.49 0.00	33.72 0.52 0.00	32.91 0.38 0.00	32.89 0.31 0.00	79.22 1.11 0.00	52.05 0.66 0.00	59.11 0.96 0.00	46.68 0.71 0.00	45.70 0.89 0.00	39.96 0.95 0.00	47.85 1.22 0.00
SITHE___OGDNSBRG 24021	44.83 1.58 0.00	42.31 1.62 0.00	46.34 1.61 0.00	41.89 1.49 0.00	39.27 1.38 0.00	40.63 1.69 0.00	53.31 2.26 0.00	48.50 1.89 0.00	45.27 1.02 0.00	42.17 0.39 0.00	38.69 0.29 0.00	36.59 0.27 0.00	34.61 0.23 0.00	32.78 0.21 0.00	33.44 0.24 0.00	32.62 0.09 0.00	32.59 0.00 0.00	78.91 0.81 0.00	52.06 0.68 0.00	59.80 1.65 0.00	47.31 1.34 0.00	46.29 1.50 0.00	40.48 1.47 0.00	48.39 1.76 0.00
SITHE___STERLING 23777	43.96 0.71 0.00	41.28 0.60 0.00	45.38 0.65 0.00	40.98 0.58 0.00	38.45 0.55 0.00	39.58 0.64 0.00	52.15 1.10 0.00	47.68 1.07 0.00	45.07 0.83 0.00	42.17 0.40 0.00	38.57 0.18 0.00	36.45 0.13 0.00	34.46 0.08 0.00	32.68 0.12 0.00	33.35 0.15 0.00	32.68 0.15 0.00	32.82 0.24 0.00	79.31 1.21 0.00	52.75 1.36 0.00	59.79 1.64 0.00	47.30 1.33 0.00	45.95 1.15 0.00	39.88 0.87 0.00	47.52 0.90 0.00
SLEIGHT__34_KV_TB1 80719	43.02 -0.23 0.00	40.60 -0.09 0.00	44.82 0.09 0.00	40.41 0.00 0.00	37.89 -0.01 0.00	39.16 0.22 0.00	51.31 0.25 0.00	47.02 0.40 0.00	44.26 0.02 0.00	41.54 -0.24 0.00	37.97 -0.43 0.00	35.83 -0.49 0.00	33.94 -0.45 0.00	32.24 -0.32 0.00	32.92 -0.28 0.00	32.13 -0.40 0.00	32.13 -0.45 0.00	77.86 -0.25 0.00	51.23 -0.16 0.00	58.14 -0.02 0.00	45.88 -0.09 0.00	44.64 -0.16 0.00	38.82 -0.19 0.00	46.33 -0.29 0.00
SOUTH CAIRO___GT 23612	44.11 0.86 0.00	41.35 0.66 0.00	45.39 0.66 0.00	41.05 0.65 0.00	38.67 0.77 0.00	39.74 0.80 0.00	52.61 1.55 0.00	48.11 1.50 0.00	45.69 1.44 0.00	42.99 1.22 0.00	39.05 0.65 0.00	36.65 0.33 0.00	34.64 0.25 0.00	32.72 0.16 0.00	33.39 0.18 0.00	32.86 0.33 0.00	33.12 0.53 0.00	79.24 1.14 0.00	52.89 1.50 0.00	60.19 2.03 0.00	47.68 1.71 0.00	46.15 1.35 0.00	40.02 1.01 0.00	47.71 1.09 0.00
SOUTH HAMPTN___IC 23720	46.23 1.64 -1.33	42.71 1.35 -0.67	45.89 1.19 0.02	40.54 0.47 0.33	35.88 0.07 2.09	37.20 0.30 2.04	53.62 1.62 -0.95	47.81 1.56 0.36	49.84 2.11 -3.48	49.52 2.69 -5.06	45.73 2.51 -4.82	44.91 2.82 -5.77	35.63 2.19 0.95	33.11 1.56 1.01	32.81 1.01 1.40	32.99 1.73 1.27	32.22 1.24 1.60	76.12 0.88 2.86	54.05 0.85 -1.82	62.04 1.66 -2.22	49.46 1.59 -1.91	47.77 1.47 -1.50	40.42 0.98 -0.43	47.22 0.60 0.00
SOUTHDOW_115KV_TB1 355954	44.73 1.48 0.00	42.35 1.66 0.00	47.09 2.35 0.00	42.33 1.93 0.00	39.64 1.75 0.00	41.23 2.29 0.00	53.69 2.64 0.00	49.36 2.75 0.00	46.69 2.45 0.00	44.20 2.42 0.00	40.55 2.15 0.00	38.27 1.94 0.00	36.31 1.92 0.00	34.63 2.06 0.00	35.58 2.38 0.00	34.50 1.97 0.00	34.37 1.79 0.00	83.01 4.91 0.00	53.90 2.52 0.00	60.75 2.60 0.00	47.68 1.71 0.00	46.22 1.42 0.00	39.79 0.78 0.00	47.04 0.42 0.00
SOUTHOLD_69_KV_BK 2 55809	46.54 1.96 -1.33	42.99 1.63 -0.67	46.30 1.59 0.02	40.60 0.53 0.33	35.70 -0.11 2.09	37.22 0.32 2.04	54.10 2.09 -0.95	48.37 2.11 0.36	50.36 2.64 -3.48	49.88 3.05 -5.06	45.95 2.73 -4.82	44.99 2.90 -5.77	35.62 2.19 0.95	33.04 1.48 1.01	32.83 1.03 1.40	33.04 1.79 1.27	32.09 1.10 1.60	75.69 0.45 2.86	53.97 0.76 -1.82	62.46 2.08 -2.22	50.07 2.19 -1.91	48.36 2.07 -1.50	40.90 1.46 -0.43	47.78 1.16 0.00
SOUTHOLD___IC 23719	46.55 1.97 -1.33	42.99 1.63 -0.67	46.20 1.49 0.02	40.53 0.46 0.33	35.70 -0.11 2.09	37.23 0.33 2.04	54.07 2.06 -0.95	48.38 2.12 0.36	50.36 2.63 -3.48	49.89 3.05 -5.06	45.96 2.74 -4.82	45.00 2.91 -5.77	35.62 2.18 0.95	33.03 1.47 1.01	32.83 1.03 1.40	33.04 1.78 1.27	32.09 1.10 1.60	75.75 0.52 2.86	53.97 0.77 -1.82	62.45 2.07 -2.22	50.08 2.20 -1.91	48.37 2.07 -1.50	40.90 1.46 -0.43	47.78 1.16 0.00
SOUTH_FORK_WT_PWR 323839	46.53 1.95 -1.33	42.97 1.61 -0.67	46.17 1.47 0.02	40.26 0.19 0.33	35.28 -0.52 2.09	36.95 0.05 2.04	54.05 2.05 -0.95	48.44 2.19 0.36	50.40 2.67 -3.48	49.86 3.03 -5.06	45.87 2.65 -4.82	44.85 2.76 -5.77	35.35 1.91 0.95	32.74 1.19 1.01	32.65 0.85 1.40	32.86 1.60 1.27	31.72 0.74 1.60	74.77 -0.47 2.86	53.44 0.23 -1.82	62.26 1.89 -2.22	50.20 2.33 -1.91	48.50 2.20 -1.50	41.01 1.57 -0.43	47.89 1.27 0.00
SPIERFLS_115KV_TB 1 80737	44.99 1.74 0.00	42.10 1.42 0.00	46.09 1.35 0.00	41.66 1.25 0.00	39.22 1.32 0.00	40.48 1.55 0.00	53.70 2.64 0.00	48.91 2.30 0.00	46.41 2.17 0.00	43.46 1.68 0.00	39.78 1.39 0.00	37.47 1.15 0.00	35.39 1.01 0.00	33.33 0.76 0.00	33.97 0.77 0.00	33.45 0.92 0.00	33.71 1.13 0.00	80.71 2.61 0.00	53.70 2.31 0.00	60.63 2.48 0.00	47.93 1.96 0.00	46.51 1.71 0.00	40.46 1.45 0.00	48.18 1.56 0.00
ST LAWRENCE____ 23600	43.75 0.50 0.00	41.28 0.59 0.00	45.27 0.54 0.00	40.92 0.52 0.00	38.34 0.44 0.00	39.55 0.61 0.00	51.74 0.69 0.00	47.12 0.51 0.00	44.50 0.25 0.00	41.98 0.20 0.00	38.58 0.18 0.00	36.54 0.21 0.00	34.58 0.19 0.00	32.75 0.19 0.00	33.42 0.22 0.00	32.63 0.11 0.00	32.62 0.04 0.00	78.45 0.34 0.00	51.51 0.12 0.00	58.40 0.25 0.00	46.12 0.15 0.00	45.12 0.32 0.00	39.46 0.45 0.00	47.26 0.64 0.00
STATE_CA_115KV_115_LB 55624	43.03 -0.22 0.00	40.35 -0.33 0.00	44.28 -0.45 0.00	40.06 -0.35 0.00	37.72 -0.18 0.00	38.66 -0.27 0.00	51.02 -0.03 0.00	46.59 -0.03 0.00	44.39 0.15 0.00	41.98 0.20 0.00	38.56 0.16 0.00	36.46 0.14 0.00	34.56 0.18 0.00	32.65 0.09 0.00	33.26 0.06 0.00	32.75 0.22 0.00	32.89 0.31 0.00	78.14 0.04 0.00	51.63 0.24 0.00	58.23 0.07 0.00	46.08 0.11 0.00	44.64 -0.16 0.00	38.79 -0.22 0.00	46.33 -0.30 0.00

STATE_ST_34_KV_LOAD 55959	43.42 0.17 0.00	40.98 0.29 0.00	45.22 0.48 0.00	40.82 0.41 0.00	38.23 0.33 0.00	39.24 0.31 0.00	51.52 0.46 0.00	47.30 0.69 0.00	44.71 0.46 0.00	42.02 0.25 0.00	38.43 0.03 0.00	36.13 -0.18 0.00	34.29 -0.09 0.00	32.51 -0.05 0.00	33.21 0.01 0.00	32.49 -0.04 0.00	32.59 0.01 0.00	78.45 0.34 0.00	51.76 0.38 0.00	58.97 0.82 0.00	46.58 0.61 0.00	45.11 0.31 0.00	39.29 0.28 0.00	46.96 0.34 0.00
STATION 5_MISC_HYD 23604	43.31 0.06 0.00	40.94 0.25 0.00	45.24 0.51 0.00	40.75 0.34 0.00	38.21 0.31 0.00	39.58 0.64 0.00	51.69 0.64 0.00	47.33 0.71 0.00	44.48 0.24 0.00	41.80 0.03 0.00	38.25 -0.14 0.00	36.14 -0.18 0.00	34.25 -0.14 0.00	32.60 0.03 0.00	33.34 0.13 0.00	32.47 -0.06 0.00	32.40 -0.18 0.00	78.63 0.53 0.00	51.43 0.05 0.00	58.28 0.13 0.00	45.94 -0.03 0.00	44.82 0.03 0.00	39.00 -0.01 0.00	46.62 -0.01 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	43.47 0.23 0.00	41.02 0.33 0.00	45.30 0.57 0.00	40.84 0.44 0.00	38.33 0.43 0.00	39.60 0.66 0.00	51.90 0.85 0.00	47.58 0.97 0.00	44.84 0.60 0.00	42.10 0.32 0.00	38.46 0.06 0.00	36.28 -0.04 0.00	34.33 -0.06 0.00	32.61 0.04 0.00	33.31 0.10 0.00	32.53 0.00 0.00	32.58 -0.01 0.00	79.05 0.95 0.00	51.95 0.56 0.00	58.89 0.74 0.00	46.47 0.51 0.00	45.21 0.41 0.00	39.28 0.27 0.00	46.86 0.24 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	43.04 -0.21 0.00	40.68 0.00 0.00	44.95 0.22 0.00	40.49 0.08 0.00	37.97 0.07 0.00	39.31 0.37 0.00	51.37 0.32 0.00	47.04 0.42 0.00	44.23 -0.01 0.00	41.57 -0.20 0.00	38.04 -0.36 0.00	35.95 -0.37 0.00	34.05 -0.33 0.00	32.41 -0.15 0.00	33.13 -0.08 0.00	32.29 -0.24 0.00	32.23 -0.36 0.00	78.21 0.11 0.00	51.17 -0.22 0.00	57.96 -0.19 0.00	45.70 -0.27 0.00	44.58 -0.22 0.00	38.77 -0.24 0.00	46.36 -0.27 0.00
STA_56___34_KV_BUS2 355983	43.04 -0.21 0.00	40.68 0.00 0.00	44.95 0.22 0.00	40.49 0.08 0.00	37.97 0.07 0.00	39.31 0.37 0.00	51.37 0.32 0.00	47.04 0.42 0.00	44.23 -0.01 0.00	41.57 -0.20 0.00	38.04 -0.36 0.00	35.95 -0.37 0.00	34.05 -0.33 0.00	32.41 -0.15 0.00	33.13 -0.08 0.00	32.29 -0.24 0.00	32.23 -0.36 0.00	78.21 0.11 0.00	51.17 -0.22 0.00	57.96 -0.19 0.00	45.70 -0.27 0.00	44.58 -0.22 0.00	38.77 -0.24 0.00	46.36 -0.27 0.00
STA_67___115KV_BK2 355882	43.23 -0.03 0.00	40.86 0.17 0.00	45.16 0.43 0.00	40.68 0.27 0.00	38.14 0.24 0.00	39.50 0.56 0.00	51.58 0.53 0.00	47.22 0.60 0.00	44.38 0.14 0.00	41.71 -0.06 0.00	38.18 -0.22 0.00	36.09 -0.23 0.00	34.19 -0.20 0.00	32.55 -0.02 0.00	33.28 0.08 0.00	32.42 -0.11 0.00	32.34 -0.24 0.00	78.46 0.36 0.00	51.31 -0.08 0.00	58.12 -0.03 0.00	45.83 -0.14 0.00	44.73 -0.07 0.00	38.91 -0.10 0.00	46.52 -0.11 0.00
STA_7___115KV_9TRANS 80674	43.51 0.26 0.00	41.12 0.43 0.00	45.44 0.71 0.00	40.92 0.51 0.00	38.37 0.47 0.00	39.76 0.82 0.00	51.97 0.91 0.00	47.56 0.95 0.00	44.68 0.44 0.00	41.99 0.21 0.00	38.41 0.01 0.00	36.27 -0.05 0.00	34.36 -0.03 0.00	32.71 0.15 0.00	33.43 0.23 0.00	32.57 0.05 0.00	32.52 -0.06 0.00	79.08 0.98 0.00	51.75 0.36 0.00	58.63 0.47 0.00	46.22 0.25 0.00	45.09 0.29 0.00	39.21 0.20 0.00	46.85 0.22 0.00
STA_82___115KV_TB1 80780	43.23 -0.02 0.00	40.87 0.18 0.00	45.17 0.44 0.00	40.68 0.27 0.00	38.15 0.25 0.00	39.51 0.57 0.00	51.61 0.55 0.00	47.23 0.62 0.00	44.39 0.15 0.00	41.71 -0.06 0.00	38.17 -0.22 0.00	36.07 -0.25 0.00	34.18 -0.21 0.00	32.54 -0.02 0.00	33.28 0.08 0.00	32.41 -0.12 0.00	32.33 -0.25 0.00	78.46 0.36 0.00	51.32 -0.07 0.00	58.13 -0.02 0.00	45.84 -0.13 0.00	44.73 -0.07 0.00	38.91 -0.10 0.00	46.52 -0.11 0.00
STEEL___WIND 323596	43.53 0.28 0.00	41.31 0.62 0.00	45.84 1.11 0.00	41.18 0.78 0.00	38.57 0.67 0.00	40.16 1.22 0.00	52.03 0.98 0.00	47.62 1.01 0.00	44.68 0.43 0.00	42.16 0.39 0.00	38.69 0.30 0.00	36.60 0.28 0.00	34.72 0.34 0.00	33.13 0.57 0.00	33.99 0.79 0.00	32.97 0.44 0.00	32.73 0.15 0.00	79.37 1.27 0.00	51.52 0.14 0.00	58.30 0.14 0.00	45.83 -0.14 0.00	44.81 0.01 0.00	38.97 -0.04 0.00	46.57 -0.06 0.00
STEPHTWN_115KV_BK_2 55603	43.28 0.03 0.00	40.51 -0.18 0.00	44.49 -0.25 0.00	40.19 -0.21 0.00	37.83 -0.07 0.00	38.82 -0.11 0.00	51.38 0.33 0.00	46.87 0.26 0.00	44.62 0.37 0.00	42.18 0.41 0.00	38.83 0.43 0.00	36.64 0.32 0.00	34.68 0.29 0.00	32.73 0.17 0.00	33.39 0.19 0.00	32.86 0.34 0.00	33.05 0.47 0.00	78.75 0.64 0.00	52.03 0.65 0.00	58.67 0.52 0.00	46.43 0.46 0.00	44.92 0.12 0.00	39.04 0.03 0.00	46.64 0.02 0.00
STEUBEN_REC_LFGE 323667	42.49 -0.76 0.00	40.46 -0.22 0.00	45.42 0.68 0.00	41.14 0.74 0.00	38.64 0.75 0.00	40.11 1.17 0.00	52.34 1.29 0.00	48.02 1.41 0.00	45.09 0.85 0.00	42.16 0.39 0.00	38.38 -0.01 0.00	36.14 -0.18 0.00	34.15 -0.24 0.00	32.57 0.01 0.00	33.51 0.31 0.00	32.58 0.05 0.00	32.61 0.03 0.00	80.19 2.09 0.00	52.40 1.01 0.00	59.60 1.44 0.00	46.73 0.76 0.00	45.50 0.70 0.00	39.43 0.42 0.00	46.43 -0.20 0.00
STILLWATER___SOLAR 323814	44.45 1.20 0.00	41.61 0.92 0.00	45.57 0.84 0.00	41.22 0.81 0.00	38.79 0.89 0.00	39.95 1.02 0.00	52.90 1.84 0.00	48.13 1.52 0.00	45.73 1.49 0.00	42.92 1.15 0.00	39.28 0.89 0.00	37.03 0.71 0.00	35.05 0.67 0.00	33.02 0.45 0.00	33.64 0.45 0.00	33.19 0.67 0.00	33.45 0.87 0.00	79.91 1.81 0.00	53.06 1.67 0.00	59.92 1.77 0.00	47.39 1.42 0.00	45.96 1.16 0.00	39.96 0.95 0.00	47.66 1.03 0.00
STONY___BROOK 24151	46.15 1.47 -1.43	42.70 1.23 -0.78	45.78 1.05 0.01	40.73 0.65 0.32	36.47 0.55 1.99	37.65 0.65 1.94	53.73 1.62 -1.06	47.68 1.41 0.34	49.82 1.97 -3.60	49.40 2.51 -5.12	45.80 2.45 -4.95	45.03 2.72 -6.00	35.79 2.28 0.88	33.40 1.79 0.95	33.19 1.32 1.32	33.30 1.94 1.17	32.75 1.66 1.49	77.57 2.19 2.72	54.89 1.49 -2.02	62.41 1.89 -2.37	49.47 1.45 -2.05	47.70 1.31 -1.60	40.49 0.87 -0.62	47.11 0.49 0.00
STURGEON_POOL_HYD 23609	44.15 0.90 0.00	41.33 0.64 0.00	45.41 0.68 0.00	40.98 0.58 0.00	38.51 0.61 0.00	39.50 0.56 0.00	52.18 1.13 0.00	47.80 1.18 0.00	45.81 1.56 0.00	43.57 1.80 0.00	40.36 1.97 0.00	38.10 1.78 0.00	35.91 1.53 0.00	33.87 1.30 0.00	34.44 1.23 0.00	33.91 1.39 0.00	34.04 1.46 0.00	80.90 2.79 0.00	53.28 1.90 0.00	60.25 2.10 0.00	47.62 1.65 0.00	46.08 1.28 0.00	39.98 0.97 0.00	47.30 0.68 0.00
ST_LAW_115_BK7_LBMP 345037	43.83 0.58 0.00	41.36 0.67 0.00	45.33 0.59 0.00	40.96 0.56 0.00	38.38 0.48 0.00	39.59 0.66 0.00	51.82 0.76 0.00	47.17 0.55 0.00	44.51 0.27 0.00	42.00 0.22 0.00	38.59 0.19 0.00	36.54 0.22 0.00	34.60 0.21 0.00	32.77 0.20 0.00	33.43 0.23 0.00	32.64 0.11 0.00	32.62 0.04 0.00	78.45 0.35 0.00	51.51 0.12 0.00	58.41 0.25 0.00	46.13 0.16 0.00	45.15 0.35 0.00	39.49 0.48 0.00	47.29 0.67 0.00

ST_LAW_115_BK8_LBMP 345038	43.83 0.58 0.00	41.36 0.67 0.00	45.33 0.59 0.00	40.96 0.56 0.00	38.38 0.48 0.00	39.59 0.66 0.00	51.82 0.76 0.00	47.17 0.55 0.00	44.51 0.27 0.00	42.00 0.22 0.00	38.59 0.19 0.00	36.54 0.22 0.00	34.60 0.21 0.00	32.77 0.20 0.00	33.43 0.23 0.00	32.64 0.11 0.00	32.62 0.04 0.00	78.45 0.35 0.00	51.51 0.12 0.00	58.41 0.25 0.00	46.13 0.16 0.00	45.15 0.35 0.00	39.49 0.48 0.00	47.29 0.67 0.00
ST_LAW_230_BK5_LBMP 345035	43.75 0.50 0.00	41.28 0.59 0.00	45.27 0.54 0.00	40.92 0.52 0.00	38.34 0.44 0.00	39.55 0.61 0.00	51.74 0.69 0.00	47.12 0.51 0.00	44.50 0.25 0.00	41.98 0.20 0.00	38.58 0.18 0.00	36.54 0.21 0.00	34.58 0.19 0.00	32.75 0.19 0.00	33.42 0.22 0.00	32.63 0.11 0.00	32.62 0.04 0.00	78.45 0.34 0.00	51.51 0.12 0.00	58.40 0.25 0.00	46.12 0.15 0.00	45.12 0.32 0.00	39.46 0.45 0.00	47.26 0.64 0.00
ST_LAW_230_BK6_LBMP 345036	43.75 0.50 0.00	41.28 0.59 0.00	45.27 0.54 0.00	40.92 0.52 0.00	38.34 0.44 0.00	39.55 0.61 0.00	51.74 0.69 0.00	47.12 0.51 0.00	44.50 0.25 0.00	41.98 0.20 0.00	38.58 0.18 0.00	36.54 0.21 0.00	34.58 0.19 0.00	32.75 0.19 0.00	33.42 0.22 0.00	32.63 0.11 0.00	32.62 0.04 0.00	78.45 0.34 0.00	51.51 0.12 0.00	58.40 0.25 0.00	46.12 0.15 0.00	45.12 0.32 0.00	39.46 0.45 0.00	47.26 0.64 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	43.88 0.64 0.00	41.10 0.41 0.00	45.14 0.41 0.00	40.74 0.33 0.00	38.25 0.35 0.00	39.29 0.36 0.00	51.86 0.80 0.00	47.46 0.84 0.00	45.48 1.23 0.00	43.24 1.46 0.00	40.01 1.62 0.00	37.78 1.46 0.00	35.62 1.23 0.00	33.60 1.04 0.00	34.14 0.94 0.00	33.67 1.14 0.00	33.79 1.21 0.00	80.39 2.29 0.00	52.93 1.54 0.00	59.89 1.74 0.00	47.33 1.36 0.00	45.81 1.01 0.00	39.75 0.74 0.00	47.09 0.46 0.00
SWANROAD_115KV_TB1 355699	42.66 -0.59 0.00	40.57 -0.12 0.00	45.02 0.28 0.00	40.46 0.05 0.00	37.90 0.00 0.00	39.47 0.53 0.00	51.02 -0.03 0.00	46.22 -0.40 0.00	43.17 -1.07 0.00	40.87 -0.90 0.00	37.49 -0.90 0.00	35.57 -0.75 0.00	33.72 -0.67 0.00	32.24 -0.33 0.00	33.08 -0.11 0.00	31.98 -0.55 0.00	31.68 -0.90 0.00	76.52 -1.59 0.00	49.69 -1.70 0.00	56.22 -1.93 0.00	44.26 -1.71 0.00	43.50 -1.30 0.00	37.94 -1.07 0.00	45.57 -1.05 0.00
SYNERGY___BIOGAS 323694	44.06 0.81 0.00	41.78 1.09 0.00	46.28 1.54 0.00	41.64 1.24 0.00	39.06 1.16 0.00	40.68 1.74 0.00	53.46 2.41 0.00	49.18 2.56 0.00	45.97 1.73 0.00	42.80 1.03 0.00	38.92 0.53 0.00	36.40 0.08 0.00	34.40 0.02 0.00	32.83 0.27 0.00	33.73 0.53 0.00	32.54 0.01 0.00	32.40 -0.19 0.00	79.32 1.22 0.00	51.87 0.48 0.00	58.96 0.80 0.00	46.48 0.51 0.00	45.47 0.67 0.00	39.53 0.52 0.00	47.27 0.65 0.00
SYRACUSE___ENERGY_ST1 323597	43.16 -0.09 0.00	40.63 -0.06 0.00	44.76 0.03 0.00	40.40 -0.01 0.00	37.87 -0.02 0.00	38.90 -0.04 0.00	51.04 -0.02 0.00	46.70 0.08 0.00	44.21 -0.04 0.00	41.64 -0.14 0.00	38.15 -0.25 0.00	36.05 -0.28 0.00	34.16 -0.23 0.00	32.37 -0.19 0.00	33.02 -0.18 0.00	32.35 -0.18 0.00	32.42 -0.16 0.00	78.11 0.01 0.00	51.41 0.03 0.00	58.26 0.11 0.00	46.04 0.06 0.00	44.74 -0.06 0.00	38.91 -0.10 0.00	46.54 -0.09 0.00
SYRACUSE___ENERGY_ST2 323598	43.16 -0.09 0.00	40.63 -0.06 0.00	44.76 0.03 0.00	40.40 -0.01 0.00	37.87 -0.02 0.00	38.90 -0.04 0.00	51.04 -0.02 0.00	46.70 0.08 0.00	44.21 -0.04 0.00	41.64 -0.14 0.00	38.15 -0.25 0.00	36.05 -0.28 0.00	34.16 -0.23 0.00	32.37 -0.19 0.00	33.02 -0.18 0.00	32.35 -0.18 0.00	32.42 -0.16 0.00	78.11 0.01 0.00	51.41 0.03 0.00	58.26 0.11 0.00	46.04 0.06 0.00	44.74 -0.06 0.00	38.91 -0.10 0.00	46.54 -0.09 0.00
SYRACUSE___POWER 24017	43.15 -0.09 0.00	40.60 -0.09 0.00	44.74 0.00 0.00	40.36 -0.05 0.00	37.84 -0.06 0.00	38.89 -0.05 0.00	51.02 -0.04 0.00	46.69 0.08 0.00	44.22 -0.02 0.00	41.64 -0.14 0.00	38.16 -0.23 0.00	36.07 -0.25 0.00	34.17 -0.22 0.00	32.38 -0.19 0.00	33.04 -0.17 0.00	32.35 -0.18 0.00	32.43 -0.16 0.00	78.15 0.04 0.00	51.44 0.06 0.00	58.25 0.10 0.00	46.03 0.06 0.00	44.76 -0.04 0.00	38.91 -0.10 0.00	46.54 -0.09 0.00
TALLMAN___138KV_BK151 55660	43.99 0.74 0.00	41.15 0.46 0.00	45.20 0.47 0.00	40.77 0.37 0.00	38.28 0.39 0.00	39.37 0.43 0.00	51.98 0.92 0.00	47.59 0.98 0.00	45.67 1.43 0.00	43.47 1.70 0.00	40.30 1.90 0.00	38.05 1.73 0.00	35.87 1.48 0.00	33.82 1.25 0.00	34.33 1.12 0.00	33.88 1.35 0.00	33.98 1.40 0.00	80.77 2.67 0.00	53.14 1.76 0.00	60.13 1.97 0.00	47.49 1.52 0.00	45.96 1.16 0.00	39.87 0.86 0.00	47.16 0.53 0.00
TEALLAVE_115KV_TB7 355573	42.98 -0.27 0.00	40.44 -0.25 0.00	44.56 -0.18 0.00	40.19 -0.21 0.00	37.69 -0.21 0.00	38.73 -0.21 0.00	50.80 -0.25 0.00	46.45 -0.16 0.00	44.01 -0.24 0.00	41.46 -0.32 0.00	38.02 -0.38 0.00	35.94 -0.38 0.00	34.04 -0.34 0.00	32.26 -0.30 0.00	32.92 -0.28 0.00	32.24 -0.29 0.00	32.31 -0.28 0.00	77.77 -0.34 0.00	51.19 -0.19 0.00	57.94 -0.21 0.00	45.78 -0.19 0.00	44.53 -0.27 0.00	38.72 -0.29 0.00	46.33 -0.29 0.00
TELGRAPH_34_KV_EAST 80808	43.36 0.11 0.00	41.17 0.48 0.00	45.64 0.90 0.00	41.04 0.63 0.00	38.46 0.57 0.00	40.05 1.12 0.00	51.91 0.86 0.00	47.21 0.60 0.00	44.10 -0.14 0.00	41.54 -0.24 0.00	38.03 -0.36 0.00	36.04 -0.29 0.00	34.17 -0.22 0.00	32.65 0.08 0.00	33.54 0.33 0.00	32.36 -0.17 0.00	32.14 -0.44 0.00	78.16 0.06 0.00	50.89 -0.50 0.00	57.71 -0.44 0.00	45.45 -0.52 0.00	44.54 -0.26 0.00	38.79 -0.22 0.00	46.44 -0.18 0.00
TEMPLE___115KV_TB 2 55572	43.00 -0.25 0.00	40.45 -0.24 0.00	44.59 -0.15 0.00	40.20 -0.20 0.00	37.71 -0.19 0.00	38.74 -0.20 0.00	50.81 -0.24 0.00	46.46 -0.15 0.00	44.03 -0.21 0.00	41.49 -0.29 0.00	38.03 -0.36 0.00	35.97 -0.35 0.00	34.07 -0.31 0.00	32.29 -0.27 0.00	32.95 -0.25 0.00	32.26 -0.27 0.00	32.34 -0.25 0.00	77.84 -0.27 0.00	51.21 -0.17 0.00	57.97 -0.18 0.00	45.80 -0.17 0.00	44.55 -0.26 0.00	38.74 -0.27 0.00	46.35 -0.28 0.00
TIANA____69_KV_BK 1 55817	46.13 1.55 -1.33	42.62 1.26 -0.67	45.90 1.19 0.02	40.60 0.54 0.33	35.93 0.13 2.09	37.20 0.30 2.04	53.52 1.51 -0.95	47.67 1.41 0.36	49.71 1.98 -3.48	49.41 2.57 -5.06	45.67 2.45 -4.82	44.87 2.77 -5.77	35.65 2.22 0.95	33.15 1.59 1.01	32.81 1.00 1.40	32.97 1.71 1.27	32.28 1.30 1.60	76.20 0.96 2.86	54.09 0.89 -1.82	61.94 1.57 -2.22	49.28 1.41 -1.91	47.60 1.30 -1.50	40.27 0.83 -0.43	47.07 0.45 0.00
TILDEN___115KV_TB1 80814	43.15 -0.09 0.00	40.60 -0.09 0.00	44.74 0.00 0.00	40.36 -0.05 0.00	37.84 -0.06 0.00	38.89 -0.05 0.00	51.02 -0.04 0.00	46.69 0.08 0.00	44.22 -0.02 0.00	41.64 -0.14 0.00	38.16 -0.23 0.00	36.07 -0.25 0.00	34.17 -0.22 0.00	32.38 -0.19 0.00	33.04 -0.17 0.00	32.35 -0.18 0.00	32.43 -0.16 0.00	78.15 0.04 0.00	51.44 0.06 0.00	58.25 0.10 0.00	46.03 0.06 0.00	44.76 -0.04 0.00	38.91 -0.10 0.00	46.54 -0.09 0.00

TRIGEN___CC 323695	55.77 1.43 -11.08	52.68 1.21 -10.78	47.27 1.18 -1.37	42.46 0.88 -1.18	46.06 0.86 -7.31	46.98 0.93 -7.11	63.84 1.70 -11.08	49.37 1.50 -1.26	61.91 2.00 -15.67	56.00 2.31 -11.92	59.39 2.35 -18.64	67.26 2.38 -28.55	41.68 2.16 -5.13	38.16 1.84 -3.76	39.70 1.63 -4.87	42.56 2.01 -8.03	42.37 1.89 -7.90	91.22 3.11 -10.01	75.27 2.09 -21.79	78.83 2.48 -18.20	66.48 1.86 -18.65	59.07 1.61 -12.66	62.10 1.19 -21.89	47.50 0.86 -0.01
TRINITY___115KV___4 BK 55933	42.85 -0.40 0.00	40.17 -0.51 0.00	44.08 -0.66 0.00	39.89 -0.52 0.00	37.55 -0.34 0.00	38.49 -0.45 0.00	50.78 -0.27 0.00	46.36 -0.25 0.00	44.19 -0.06 0.00	41.80 0.03 0.00	38.41 0.02 0.00	36.34 0.01 0.00	34.45 0.06 0.00	32.53 -0.03 0.00	33.13 -0.08 0.00	32.61 0.08 0.00	32.76 0.18 0.00	77.70 -0.41 0.00	51.36 -0.03 0.00	57.89 -0.27 0.00	45.84 -0.13 0.00	44.42 -0.38 0.00	38.60 -0.41 0.00	46.12 -0.50 0.00
UNION___PROCESSING_DRP 323587	43.24 -0.01 0.00	40.88 0.19 0.00	45.17 0.44 0.00	40.69 0.28 0.00	38.15 0.25 0.00	39.52 0.58 0.00	51.62 0.57 0.00	47.25 0.64 0.00	44.40 0.16 0.00	41.71 -0.06 0.00	38.18 -0.22 0.00	36.08 -0.24 0.00	34.18 -0.21 0.00	32.54 -0.02 0.00	33.28 0.08 0.00	32.41 -0.12 0.00	32.33 -0.25 0.00	78.46 0.36 0.00	51.32 -0.06 0.00	58.15 0.00 0.00	45.85 -0.12 0.00	44.73 -0.07 0.00	38.93 -0.08 0.00	46.53 -0.09 0.00
UPPER HUDSON___HYD 24058	44.99 1.74 0.00	42.10 1.42 0.00	46.09 1.35 0.00	41.66 1.25 0.00	39.22 1.32 0.00	40.48 1.55 0.00	53.70 2.65 0.00	48.92 2.30 0.00	46.41 2.17 0.00	43.45 1.68 0.00	39.78 1.38 0.00	37.47 1.15 0.00	35.40 1.01 0.00	33.33 0.76 0.00	33.97 0.77 0.00	33.45 0.92 0.00	33.72 1.14 0.00	80.73 2.62 0.00	53.70 2.31 0.00	60.63 2.48 0.00	47.93 1.96 0.00	46.52 1.71 0.00	40.46 1.45 0.00	48.18 1.56 0.00
UPPER RAQUET___HYD 24056	43.31 0.06 0.00	40.90 0.21 0.00	44.75 0.01 0.00	40.46 0.05 0.00	37.92 0.02 0.00	39.21 0.27 0.00	51.43 0.38 0.00	46.80 0.18 0.00	43.82 -0.42 0.00	40.96 -0.81 0.00	37.60 -0.80 0.00	35.61 -0.72 0.00	33.65 -0.73 0.00	31.86 -0.71 0.00	32.50 -0.70 0.00	31.72 -0.80 0.00	31.71 -0.87 0.00	76.80 -1.31 0.00	50.77 -0.62 0.00	57.98 -0.17 0.00	45.87 -0.10 0.00	44.89 0.09 0.00	39.25 0.24 0.00	46.97 0.34 0.00
VALLEY44_115KV_TB2 355964	43.65 0.40 0.00	41.22 0.54 0.00	45.67 0.93 0.00	41.00 0.60 0.00	38.44 0.54 0.00	39.81 0.87 0.00	51.54 0.49 0.00	47.36 0.74 0.00	44.90 0.66 0.00	42.47 0.69 0.00	38.94 0.54 0.00	36.82 0.50 0.00	35.03 0.65 0.00	33.54 0.98 0.00	34.57 1.37 0.00	33.58 1.05 0.00	33.48 0.89 0.00	80.57 2.47 0.00	52.14 0.76 0.00	58.98 0.83 0.00	46.22 0.25 0.00	45.06 0.27 0.00	39.11 0.10 0.00	46.36 -0.26 0.00
VALLEY___115KV_TB 1-4 80826	42.00 -1.25 0.00	39.38 -1.30 0.00	43.25 -1.48 0.00	39.18 -1.22 0.00	36.90 -1.00 0.00	37.88 -1.06 0.00	50.18 -0.87 0.00	45.67 -0.94 0.00	43.35 -0.90 0.00	40.36 -1.42 0.00	36.78 -1.62 0.00	34.80 -1.52 0.00	33.15 -1.24 0.00	32.57 0.01 0.00	33.16 -0.04 0.00	32.52 -0.01 0.00	32.59 0.00 0.00	77.99 -0.11 0.00	51.47 0.08 0.00	58.30 0.14 0.00	46.10 0.13 0.00	44.83 0.04 0.00	38.97 -0.04 0.00	46.50 -0.13 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	44.47 1.22 0.00	41.73 1.04 0.00	46.05 1.31 0.00	41.59 1.19 0.00	39.08 1.18 0.00	40.07 1.13 0.00	52.77 1.72 0.00	48.25 1.64 0.00	45.90 1.66 0.00	43.43 1.65 0.00	39.93 1.53 0.00	37.72 1.40 0.00	35.62 1.24 0.00	33.60 1.03 0.00	34.22 1.02 0.00	33.58 1.05 0.00	33.74 1.16 0.00	81.63 3.53 0.00	53.68 2.30 0.00	60.73 2.58 0.00	48.04 2.07 0.00	46.61 1.81 0.00	40.48 1.47 0.00	48.11 1.49 0.00
VISCHER___FERRY HYD 24020	43.52 0.27 0.00	40.77 0.09 0.00	44.68 -0.05 0.00	40.43 0.03 0.00	38.05 0.15 0.00	39.10 0.17 0.00	51.67 0.61 0.00	47.06 0.44 0.00	44.82 0.57 0.00	42.25 0.48 0.00	38.79 0.39 0.00	36.65 0.33 0.00	34.68 0.29 0.00	32.70 0.14 0.00	33.33 0.12 0.00	32.82 0.29 0.00	33.02 0.44 0.00	78.53 0.43 0.00	52.03 0.65 0.00	58.66 0.51 0.00	46.43 0.46 0.00	45.04 0.24 0.00	39.17 0.16 0.00	46.78 0.15 0.00
V_A_10_SYNC_DSASP 323832	42.88 -0.37 0.00	40.66 -0.03 0.00	45.04 0.31 0.00	40.51 0.10 0.00	37.96 0.06 0.00	39.40 0.46 0.00	51.13 0.08 0.00	46.75 0.13 0.00	43.89 -0.35 0.00	41.42 -0.35 0.00	37.97 -0.43 0.00	35.94 -0.38 0.00	34.10 -0.28 0.00	32.54 -0.02 0.00	33.36 0.16 0.00	32.39 -0.14 0.00	32.20 -0.39 0.00	77.93 -0.17 0.00	50.65 -0.73 0.00	57.34 -0.82 0.00	45.13 -0.84 0.00	44.16 -0.64 0.00	38.49 -0.52 0.00	46.04 -0.58 0.00
V_CMM_10_SYNC_DSASP 323787	44.05 0.80 0.00	41.59 0.90 0.00	45.58 0.85 0.00	41.19 0.79 0.00	38.59 0.70 0.00	39.82 0.89 0.00	52.11 1.06 0.00	47.44 0.83 0.00	44.74 0.50 0.00	42.24 0.46 0.00	38.81 0.41 0.00	36.75 0.43 0.00	34.79 0.41 0.00	32.95 0.39 0.00	33.62 0.42 0.00	32.82 0.29 0.00	32.80 0.21 0.00	78.91 0.81 0.00	51.80 0.42 0.00	58.73 0.57 0.00	46.37 0.40 0.00	45.39 0.59 0.00	39.69 0.68 0.00	47.54 0.91 0.00
V_CMP_10_SYNC_DSASP 323788	43.72 0.48 0.00	41.50 0.82 0.00	45.58 0.84 0.00	41.22 0.81 0.00	38.76 0.86 0.00	40.09 1.15 0.00	52.79 1.74 0.00	47.72 1.11 0.00	44.79 0.55 0.00	42.21 0.43 0.00	38.87 0.47 0.00	36.79 0.46 0.00	34.74 0.35 0.00	32.71 0.15 0.00	33.54 0.34 0.00	32.85 0.33 0.00	32.78 0.20 0.00	78.88 0.78 0.00	52.12 0.74 0.00	59.52 1.36 0.00	47.12 1.15 0.00	46.28 1.48 0.00	40.60 1.59 0.00	48.76 2.14 0.00
V_D_10_SYNC_DSASP 323841	44.31 1.06 0.00	41.84 1.15 0.00	45.85 1.11 0.00	41.44 1.03 0.00	38.82 0.93 0.00	40.08 1.14 0.00	52.46 1.40 0.00	47.76 1.14 0.00	44.95 0.70 0.00	42.39 0.61 0.00	38.92 0.52 0.00	36.86 0.54 0.00	34.90 0.51 0.00	33.05 0.49 0.00	33.72 0.52 0.00	32.92 0.39 0.00	32.89 0.31 0.00	79.22 1.11 0.00	52.05 0.66 0.00	59.10 0.95 0.00	46.67 0.70 0.00	45.69 0.89 0.00	39.96 0.95 0.00	47.83 1.21 0.00
V_E_10_SYNC_DSASP 323830	44.05 0.80 0.00	41.78 1.09 0.00	45.91 1.17 0.00	41.56 1.15 0.00	39.54 1.64 0.00	40.57 1.63 0.00	53.34 2.28 0.00	49.16 2.55 0.00	46.46 2.21 0.00	43.26 1.49 0.00	39.73 1.33 0.00	37.37 1.05 0.00	34.89 0.50 0.00	32.64 0.07 0.00	33.40 0.20 0.00	32.83 0.30 0.00	33.24 0.66 0.00	82.48 4.38 0.00	54.76 3.37 0.00	63.11 4.96 0.00	50.11 4.14 0.00	48.51 3.71 0.00	42.08 3.07 0.00	49.89 3.27 0.00
V_F_30_NSYNC___DSASP 323816	44.55 1.30 0.00	41.70 1.01 0.00	45.67 0.94 0.00	41.30 0.90 0.00	38.87 0.98 0.00	40.04 1.10 0.00	53.03 1.97 0.00	48.24 1.63 0.00	45.84 1.60 0.00	43.01 1.24 0.00	39.39 1.00 0.00	37.14 0.81 0.00	35.17 0.78 0.00	33.12 0.56 0.00	33.75 0.55 0.00	33.30 0.78 0.00	33.56 0.97 0.00	80.16 2.05 0.00	53.18 1.79 0.00	60.05 1.90 0.00	47.49 1.52 0.00	46.05 1.26 0.00	40.04 1.03 0.00	47.75 1.13 0.00

V_F_30_SYNC_DSASP 323786	43.03 -0.22 0.00	40.35 -0.34 0.00	44.28 -0.45 0.00	40.06 -0.35 0.00	37.72 -0.18 0.00	38.66 -0.27 0.00	51.01 -0.04 0.00	46.59 -0.03 0.00	44.39 0.15 0.00	41.97 0.20 0.00	38.56 0.16 0.00	36.46 0.14 0.00	34.56 0.18 0.00	32.65 0.08 0.00	33.26 0.06 0.00	32.74 0.22 0.00	32.89 0.31 0.00	78.12 0.02 0.00	51.62 0.24 0.00	58.22 0.07 0.00	46.08 0.11 0.00	44.64 -0.16 0.00	38.79 -0.22 0.00	46.33 -0.30 0.00
V_XM_10_SYNC_DSASP 323789	43.72 0.48 0.00	41.50 0.82 0.00	45.58 0.84 0.00	41.22 0.81 0.00	38.76 0.86 0.00	40.09 1.15 0.00	52.79 1.74 0.00	47.72 1.11 0.00	44.79 0.55 0.00	42.21 0.43 0.00	38.87 0.47 0.00	36.79 0.46 0.00	34.74 0.35 0.00	32.71 0.15 0.00	33.54 0.34 0.00	32.85 0.33 0.00	32.78 0.20 0.00	78.88 0.78 0.00	52.12 0.74 0.00	59.52 1.36 0.00	47.12 1.15 0.00	46.28 1.48 0.00	40.60 1.59 0.00	48.76 2.14 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	44.13 0.88 0.00	41.30 0.62 0.00	45.36 0.62 0.00	40.91 0.50 0.00	38.44 0.54 0.00	39.69 0.75 0.00	52.45 1.40 0.00	48.05 1.44 0.00	46.11 1.86 0.00	43.88 2.11 0.00	40.66 2.26 0.00	38.40 2.08 0.00	36.18 1.80 0.00	34.03 1.47 0.00	34.46 1.26 0.00	34.01 1.48 0.00	34.12 1.53 0.00	81.09 2.98 0.00	53.35 1.97 0.00	60.36 2.21 0.00	47.68 1.71 0.00	46.13 1.34 0.00	40.02 1.01 0.00	47.33 0.70 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	44.36 1.11 0.00	41.50 0.81 0.00	45.52 0.79 0.00	41.07 0.67 0.00	38.60 0.70 0.00	39.68 0.75 0.00	52.46 1.41 0.00	48.12 1.51 0.00	46.25 2.00 0.00	44.07 2.30 0.00	40.92 2.52 0.00	38.69 2.37 0.00	36.48 2.10 0.00	34.43 1.86 0.00	34.95 1.75 0.00	34.44 1.91 0.00	34.51 1.92 0.00	81.79 3.69 0.00	53.69 2.31 0.00	60.70 2.55 0.00	47.97 2.00 0.00	46.38 1.58 0.00	40.21 1.20 0.00	47.50 0.87 0.00
W50THST__13_KV_LOAD 356117	44.53 1.28 0.00	41.66 0.98 0.00	45.69 0.95 0.00	41.23 0.83 0.00	38.75 0.86 0.00	39.87 0.93 0.00	52.71 1.66 0.00	48.38 1.77 0.00	46.50 2.26 0.00	44.32 2.55 0.00	41.15 2.75 0.00	38.91 2.59 0.00	36.69 2.30 0.00	34.63 2.07 0.00	35.18 1.97 0.00	34.66 2.13 0.00	34.72 2.13 0.00	82.27 4.16 0.00	53.99 2.60 0.00	60.99 2.83 0.00	48.17 2.20 0.00	46.57 1.77 0.00	40.35 1.34 0.00	47.66 1.04 0.00
WADING RIVER_IC_1 23522	45.63 1.07 -1.32	42.18 0.83 -0.66	45.31 0.61 0.02	40.23 0.17 0.34	35.66 -0.13 2.11	36.80 -0.09 2.05	52.76 0.76 -0.94	46.91 0.65 0.36	48.99 1.27 -3.47	48.85 2.03 -5.05	45.27 2.07 -4.81	44.68 2.61 -5.75	35.43 2.00 0.96	32.97 1.42 1.01	32.53 0.73 1.40	32.67 1.43 1.28	32.08 1.11 1.61	75.64 0.42 2.88	53.60 0.42 -1.80	61.14 0.78 -2.21	48.52 0.65 -1.89	46.86 0.57 -1.49	39.64 0.22 -0.41	46.35 -0.27 0.00
WADING RIVER_IC_2 23547	45.63 1.07 -1.32	42.18 0.83 -0.66	45.31 0.61 0.02	40.23 0.17 0.34	35.66 -0.13 2.11	36.80 -0.09 2.05	52.76 0.76 -0.94	46.91 0.65 0.36	48.99 1.27 -3.47	48.85 2.03 -5.05	45.27 2.07 -4.81	44.68 2.61 -5.75	35.43 2.00 0.96	32.97 1.42 1.01	32.53 0.73 1.40	32.67 1.43 1.28	32.08 1.11 1.61	75.64 0.42 2.88	53.60 0.42 -1.80	61.14 0.78 -2.21	48.52 0.65 -1.89	46.86 0.57 -1.49	39.64 0.22 -0.41	46.35 -0.27 0.00
WADING RIVER_IC_3 23601	45.63 1.07 -1.32	42.18 0.83 -0.66	45.31 0.61 0.02	40.23 0.17 0.34	35.66 -0.13 2.11	36.80 -0.09 2.05	52.76 0.76 -0.94	46.91 0.65 0.36	48.99 1.27 -3.47	48.85 2.03 -5.05	45.27 2.07 -4.81	44.68 2.61 -5.75	35.43 2.00 0.96	32.97 1.42 1.01	32.53 0.73 1.40	32.67 1.43 1.28	32.08 1.11 1.61	75.64 0.42 2.88	53.60 0.42 -1.80	61.14 0.78 -2.21	48.52 0.65 -1.89	46.86 0.57 -1.49	39.64 0.22 -0.41	46.35 -0.27 0.00
WALDENNY_12_KV_BK2 80841	43.57 0.32 0.00	41.38 0.69 0.00	45.89 1.16 0.00	41.23 0.83 0.00	38.63 0.74 0.00	40.22 1.28 0.00	52.15 1.09 0.00	47.65 1.04 0.00	44.68 0.43 0.00	42.21 0.44 0.00	38.72 0.33 0.00	36.65 0.34 0.00	34.77 0.38 0.00	33.20 0.63 0.00	34.06 0.85 0.00	33.00 0.47 0.00	32.76 0.18 0.00	79.40 1.30 0.00	51.55 0.17 0.00	58.31 0.16 0.00	45.84 -0.13 0.00	44.86 0.06 0.00	39.03 0.02 0.00	46.64 0.01 0.00
WALDEN__HYDRO 24148	44.11 0.87 0.00	41.30 0.61 0.00	45.36 0.62 0.00	40.93 0.53 0.00	38.45 0.55 0.00	39.49 0.56 0.00	52.15 1.09 0.00	47.76 1.15 0.00	45.75 1.50 0.00	43.47 1.69 0.00	40.23 1.83 0.00	37.95 1.63 0.00	35.77 1.38 0.00	33.73 1.17 0.00	34.28 1.08 0.00	33.80 1.27 0.00	33.94 1.35 0.00	80.77 2.67 0.00	53.23 1.84 0.00	60.24 2.09 0.00	47.61 1.64 0.00	46.08 1.28 0.00	39.98 0.97 0.00	47.32 0.69 0.00
WARRENSBURG____ 23737	44.99 1.74 0.00	42.10 1.42 0.00	46.09 1.35 0.00	41.66 1.25 0.00	39.22 1.32 0.00	40.48 1.55 0.00	53.70 2.64 0.00	48.91 2.30 0.00	46.41 2.17 0.00	43.46 1.68 0.00	39.78 1.39 0.00	37.47 1.15 0.00	35.39 1.01 0.00	33.33 0.76 0.00	33.97 0.77 0.00	33.45 0.92 0.00	33.71 1.13 0.00	80.71 2.61 0.00	53.70 2.31 0.00	60.63 2.48 0.00	47.93 1.96 0.00	46.51 1.71 0.00	40.46 1.45 0.00	48.18 1.56 0.00
WATERSIDE____6 8 9 23538	42.48 1.24 2.01	39.15 0.93 2.46	44.11 0.90 1.52	38.78 0.78 2.41	35.79 0.81 2.92	36.94 0.83 2.84	51.34 1.46 1.17	46.84 1.64 1.42	44.60 2.14 1.78	45.47 2.41 -1.29	43.64 2.61 -2.64	40.76 2.47 -1.97	37.11 2.19 -0.54	34.78 1.93 -0.29	34.68 1.82 0.34	34.61 1.99 -0.09	34.69 2.00 -0.11	80.06 3.83 1.87	51.80 2.46 2.05	55.16 2.72 5.71	40.99 2.15 7.13	42.94 1.72 3.58	37.12 1.31 3.20	45.46 1.02 2.18
WATKINRD_115KV_LN8_ILLION 55919	41.51 -1.74 0.00	38.92 -1.77 0.00	42.72 -2.02 0.00	38.74 -1.67 0.00	36.54 -1.35 0.00	37.47 -1.46 0.00	49.84 -1.21 0.00	45.36 -1.25 0.00	43.01 -1.23 0.00	39.81 -1.96 0.00	36.14 -2.26 0.00	34.15 -2.17 0.00	32.42 -1.97 0.00	32.27 -0.30 0.00	32.81 -0.39 0.00	32.30 -0.22 0.00	32.17 -0.41 0.00	76.30 -1.80 0.00	50.84 -0.55 0.00	57.59 -0.56 0.00	45.58 -0.39 0.00	44.18 -0.62 0.00	38.40 -0.61 0.00	45.76 -0.87 0.00
WATSON__69_KV_BK 1 55734	47.30 1.91 -2.15	43.86 1.63 -1.54	46.45 1.62 -0.10	41.38 1.17 0.19	37.72 1.05 1.22	38.91 1.16 1.19	55.14 2.30 -1.79	48.41 2.02 0.22	51.23 2.56 -4.43	50.28 2.98 -5.52	47.09 2.84 -5.85	46.92 3.04 -7.56	36.54 2.55 0.40	34.10 2.10 0.57	34.08 1.69 0.81	34.41 2.31 0.43	33.91 2.06 0.73	79.70 3.30 1.70	57.03 2.25 -3.40	64.27 2.74 -3.37	51.11 2.08 -3.06	48.99 1.93 -2.27	42.33 1.39 -1.94	47.71 1.09 0.00
WDELAWARE__HYD 323627	44.80 1.55 0.00	41.98 1.29 0.00	46.17 1.44 0.00	41.71 1.30 0.00	39.35 1.45 0.00	40.46 1.52 0.00	53.41 2.36 0.00	48.84 2.22 0.00	46.65 2.41 0.00	44.25 2.48 0.00	40.90 2.50 0.00	38.43 2.11 0.00	36.20 1.81 0.00	34.02 1.45 0.00	34.45 1.25 0.00	33.91 1.38 0.00	34.14 1.56 0.00	81.59 3.49 0.00	53.85 2.46 0.00	61.01 2.85 0.00	48.21 2.24 0.00	46.65 1.85 0.00	40.49 1.48 0.00	47.93 1.31 0.00

WEST BABYLON___IC 23714	49.10 1.97 -3.89	45.77 1.70 -3.38	46.78 1.69 -0.35	41.76 1.25 -0.10	39.69 1.15 -0.64	40.83 1.27 -0.62	56.87 2.37 -3.45	48.72 2.10 0.00	53.21 2.64 -6.33	51.23 2.98 -6.47	48.98 2.85 -7.74	50.44 3.00 -11.11	37.72 2.54 -0.79	35.07 2.14 -0.37	35.43 1.80 -0.43	36.27 2.37 -1.37	35.86 2.16 -1.13	82.38 3.64 -0.64	59.93 2.43 -6.11	66.92 2.99 -5.77	53.77 2.28 -5.53	50.78 2.07 -3.91	45.69 1.52 -5.16	47.86 1.23 0.00
WEST CANADA___HYD 24049	43.09 -0.17 0.00	40.49 -0.20 0.00	44.51 -0.23 0.00	40.20 -0.20 0.00	37.73 -0.17 0.00	38.71 -0.23 0.00	50.87 -0.19 0.00	46.46 -0.15 0.00	44.17 -0.07 0.00	41.67 -0.11 0.00	38.31 -0.09 0.00	36.24 -0.08 0.00	34.30 -0.08 0.00	32.50 -0.06 0.00	33.13 -0.07 0.00	32.50 -0.02 0.00	32.57 -0.01 0.00	77.94 -0.16 0.00	51.38 -0.01 0.00	58.13 -0.02 0.00	45.97 0.00 0.00	44.71 -0.09 0.00	38.89 -0.12 0.00	46.44 -0.19 0.00
WESTERN_NY_WIND 24143	44.03 0.78 0.00	41.75 1.06 0.00	46.25 1.51 0.00	41.61 1.21 0.00	39.02 1.12 0.00	40.65 1.72 0.00	52.69 1.64 0.00	47.85 1.24 0.00	44.58 0.34 0.00	41.81 0.04 0.00	38.20 -0.20 0.00	36.26 -0.06 0.00	34.37 -0.02 0.00	32.80 0.24 0.00	33.72 0.52 0.00	32.51 -0.02 0.00	32.36 -0.22 0.00	79.24 1.14 0.00	51.80 0.42 0.00	58.88 0.73 0.00	46.42 0.45 0.00	45.41 0.61 0.00	39.49 0.48 0.00	47.23 0.60 0.00
WESTOVER___LESR 323668	43.32 0.07 0.00	40.76 0.07 0.00	45.00 0.27 0.00	40.55 0.15 0.00	38.04 0.14 0.00	39.13 0.19 0.00	51.29 0.24 0.00	47.00 0.38 0.00	44.65 0.41 0.00	42.19 0.41 0.00	38.75 0.35 0.00	36.62 0.30 0.00	34.69 0.31 0.00	32.89 0.33 0.00	33.67 0.47 0.00	32.93 0.40 0.00	32.98 0.40 0.00	79.42 1.32 0.00	52.06 0.67 0.00	58.91 0.76 0.00	46.45 0.48 0.00	45.12 0.32 0.00	39.18 0.17 0.00	46.59 -0.03 0.00
WETHRSFD_WT_PWR 323626	42.33 -0.91 0.00	40.26 -0.42 0.00	44.89 0.16 0.00	40.47 0.06 0.00	37.95 0.05 0.00	39.37 0.43 0.00	51.21 0.16 0.00	46.77 0.16 0.00	43.78 -0.47 0.00	41.01 -0.76 0.00	37.54 -0.85 0.00	35.45 -0.87 0.00	33.54 -0.85 0.00	32.00 -0.57 0.00	32.90 -0.30 0.00	31.93 -0.60 0.00	31.88 -0.71 0.00	78.07 -0.04 0.00	50.88 -0.50 0.00	57.69 -0.46 0.00	45.35 -0.62 0.00	44.25 -0.55 0.00	38.39 -0.62 0.00	45.39 -1.24 0.00
WHAVSTOR_138KV_BK127 55557	43.98 0.73 0.00	41.15 0.46 0.00	45.18 0.45 0.00	40.76 0.36 0.00	38.28 0.38 0.00	39.34 0.40 0.00	51.96 0.91 0.00	47.58 0.96 0.00	45.65 1.40 0.00	43.45 1.67 0.00	40.26 1.87 0.00	38.04 1.71 0.00	35.84 1.46 0.00	33.81 1.24 0.00	34.33 1.12 0.00	33.87 1.34 0.00	33.97 1.39 0.00	80.70 2.59 0.00	53.10 1.71 0.00	60.07 1.92 0.00	47.46 1.49 0.00	45.93 1.14 0.00	39.85 0.84 0.00	47.14 0.52 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	43.98 0.73 0.00	41.15 0.46 0.00	45.18 0.45 0.00	40.76 0.36 0.00	38.28 0.38 0.00	39.34 0.40 0.00	51.96 0.91 0.00	47.58 0.96 0.00	45.65 1.40 0.00	43.45 1.67 0.00	40.26 1.87 0.00	38.04 1.71 0.00	35.84 1.46 0.00	33.81 1.24 0.00	34.33 1.12 0.00	33.87 1.34 0.00	33.97 1.39 0.00	80.70 2.59 0.00	53.10 1.71 0.00	60.07 1.92 0.00	47.46 1.49 0.00	45.93 1.14 0.00	39.85 0.84 0.00	47.14 0.52 0.00
WHITEHAL_115KV_TB1 80871	45.88 2.63 0.00	42.83 2.14 0.00	46.52 1.78 0.00	42.06 1.65 0.00	39.68 1.78 0.00	41.21 2.28 0.00	54.83 3.78 0.00	49.60 2.98 0.00	46.96 2.71 0.00	43.85 2.08 0.00	40.45 2.05 0.00	38.21 1.89 0.00	35.97 1.58 0.00	33.73 1.16 0.00	34.48 1.27 0.00	33.94 1.41 0.00	34.30 1.71 0.00	81.63 3.53 0.00	54.75 3.36 0.00	61.61 3.46 0.00	48.52 2.55 0.00	47.37 2.57 0.00	41.44 2.44 0.00	49.33 2.70 0.00
WHITEPLN_13_KV_LOAD 356215	44.60 1.35 0.00	41.71 1.02 0.00	45.76 1.02 0.00	41.27 0.87 0.00	38.78 0.88 0.00	39.86 0.92 0.00	52.77 1.71 0.00	48.38 1.77 0.00	46.46 2.21 0.00	44.21 2.43 0.00	40.95 2.55 0.00	38.73 2.40 0.00	36.49 2.11 0.00	34.39 1.83 0.00	34.95 1.75 0.00	34.48 1.95 0.00	34.55 1.97 0.00	82.05 3.94 0.00	53.97 2.58 0.00	61.01 2.85 0.00	48.21 2.24 0.00	46.62 1.82 0.00	40.41 1.39 0.00	47.77 1.15 0.00
WM_FLOYD_69_KV_BK2 356380	45.95 1.33 -1.37	42.48 1.08 -0.72	45.70 0.98 0.02	40.60 0.53 0.33	36.12 0.27 2.05	37.28 0.34 2.00	53.36 1.31 -1.00	47.39 1.13 0.35	49.48 1.71 -3.53	49.18 2.32 -5.08	45.55 2.28 -4.87	44.78 2.59 -5.86	35.61 2.15 0.92	33.19 1.61 0.98	32.83 1.00 1.37	32.98 1.68 1.23	32.42 1.39 1.55	76.54 1.24 2.81	54.25 0.97 -1.90	61.81 1.37 -2.28	49.01 1.08 -1.97	47.33 0.99 -1.54	40.11 0.60 -0.51	46.81 0.19 0.00
WOODARD__115KV_TB2 355635	42.93 -0.31 0.00	40.39 -0.29 0.00	44.50 -0.23 0.00	40.14 -0.26 0.00	37.64 -0.25 0.00	38.67 -0.27 0.00	50.71 -0.34 0.00	46.37 -0.24 0.00	43.92 -0.32 0.00	41.38 -0.39 0.00	37.95 -0.45 0.00	35.88 -0.44 0.00	33.99 -0.40 0.00	32.21 -0.35 0.00	32.86 -0.34 0.00	32.18 -0.35 0.00	32.26 -0.32 0.00	77.61 -0.49 0.00	51.09 -0.29 0.00	57.85 -0.31 0.00	45.71 -0.26 0.00	44.45 -0.35 0.00	38.67 -0.34 0.00	46.27 -0.35 0.00
YORK___WARBASSE 23770	54.68 1.56 -9.86	54.03 1.23 -12.11	53.43 1.22 -7.48	53.30 1.08 -11.82	53.33 1.10 -14.33	54.00 1.13 -13.93	58.65 1.84 -5.76	55.57 2.00 -6.96	57.07 2.47 -10.36	56.67 2.72 -12.17	61.69 2.88 -20.41	60.47 2.72 -21.43	56.76 2.43 -19.94	56.49 2.16 -21.77	56.98 2.06 -21.72	57.43 2.22 -22.68	57.89 2.23 -23.07	93.10 4.40 -10.59	64.29 2.83 -10.07	89.35 3.16 -28.03	83.49 2.51 -35.01	64.47 2.06 -17.61	56.38 1.62 -15.75	58.71 1.36 -10.73