

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$															--- Marginal Cost of Losses										--- Marginal Cost of Congestion										06/22/2024		
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00														
59TH STREET_GT_1	24138	36.49	31.95	29.85	29.49	29.24	29.30	29.41	29.86	33.70	36.59	39.60	42.77	46.28	46.52	48.31	56.03	62.20	71.00	69.41	55.42	47.08	42.67	38.98	34.54														
		2.77	2.45	2.19	2.08	1.94	1.97	2.18	2.44	2.84	3.14	3.83	4.13	4.52	4.51	4.75	5.77	6.39	6.94	6.47	4.85	4.07	3.96	3.63	2.93														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.60	-1.41	-1.01	-1.02	-1.15	-1.71	-2.11	-2.66	-2.53	-1.15	-0.59	-0.65	-0.08	-0.10														
74TH STREET_GT_1	24260	36.59	32.07	29.94	29.41	29.24	29.27	29.16	29.86	33.67	36.63	39.67	42.89	46.36	46.61	48.35	56.08	62.10	70.88	69.28	55.56	47.16	42.82	39.19	34.63														
		2.87	2.57	2.27	2.00	1.94	1.94	1.93	2.44	2.81	3.17	3.90	4.21	4.60	4.59	4.79	5.83	6.28	6.82	6.34	4.99	4.16	4.11	3.84	3.02														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.60	-1.45	-1.01	-1.02	-1.15	-1.71	-2.11	-2.66	-2.53	-1.15	-0.59	-0.65	-0.08	-0.10														
74TH STREET_GT_2	24261	36.59	32.07	29.94	29.41	29.24	29.27	29.16	29.86	33.67	36.63	39.67	42.89	46.36	46.61	48.35	56.08	62.10	70.88	69.28	55.56	47.16	42.82	39.19	34.63														
		2.87	2.57	2.27	2.00	1.94	1.94	1.93	2.44	2.81	3.17	3.90	4.21	4.60	4.59	4.79	5.83	6.28	6.82	6.34	4.99	4.16	4.11	3.84	3.02														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.60	-1.45	-1.01	-1.02	-1.15	-1.71	-2.11	-2.66	-2.53	-1.15	-0.59	-0.65	-0.08	-0.10														
ADK HUDSON___FALLS	24011	35.81	31.42	29.39	28.97	28.77	28.80	28.62	28.98	32.78	35.39	36.80	38.97	42.37	42.22	43.37	49.50	54.97	62.94	62.59	52.26	45.11	40.28	37.70	33.37														
		2.09	1.92	1.72	1.56	1.47	1.48	1.39	1.56	1.91	2.10	2.22	2.46	2.61	2.21	2.08	2.62	3.33	4.11	4.65	3.95	3.27	2.85	2.50	1.95														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.58	0.72	0.98	0.99	1.12	1.67	2.06	2.59	2.47	1.12	0.58	0.63	0.08	0.09														
ADK RESOURCE___RCVRY	23798	36.08	31.59	29.52	29.22	28.97	28.99	28.92	29.12	32.99	35.66	37.09	39.28	42.71	42.52	43.60	49.81	55.32	63.40	63.16	52.72	45.54	40.59	37.95	33.59														
		2.36	2.09	1.85	1.81	1.67	1.67	1.69	1.70	2.13	2.37	2.50	2.76	2.94	2.50	2.29	2.91	3.65	4.54	5.20	4.40	3.69	3.16	2.75	2.17														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.57	0.71	0.97	0.98	1.10	1.64	2.03	2.55	2.44	1.10	0.57	0.62	0.07	0.09														
ADK S GLENS___FALLS	24028	35.81	31.42	29.39	28.97	28.77	28.80	28.62	28.98	32.78	35.39	36.80	38.97	42.37	42.22	43.37	49.50	54.97	62.94	62.59	52.26	45.11	40.28	37.70	33.37														
		2.09	1.92	1.72	1.56	1.47	1.48	1.39	1.56	1.91	2.10	2.22	2.46	2.61	2.21	2.08	2.62	3.33	4.11	4.65	3.95	3.27	2.85	2.50	1.95														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.58	0.72	0.98	0.99	1.12	1.67	2.06	2.59	2.47	1.12	0.58	0.63	0.08	0.09														
ADK_NYS___DAM	23527	35.07	30.89	28.97	28.75	28.53	28.56	28.40	28.60	32.19	34.59	35.53	37.43	40.53	40.75	41.95	47.23	51.83	58.71	57.91	49.38	43.13	38.60	36.84	32.63														
		1.35	1.39	1.30	1.34	1.23	1.23	1.17	1.18	1.33	1.40	1.62	1.75	1.92	1.89	1.95	2.28	2.58	2.89	2.84	2.37	1.95	1.90	1.73	1.32														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	1.26	1.55	2.13	2.14	2.41	3.60	4.45	5.59	5.33	2.41	1.24	1.36	0.16	0.20														
AIR_PRODUCTS___DRP	24190	34.12	30.09	28.31	27.96	27.82	27.82	27.58	27.89	31.39	33.77	35.38	37.26	40.61	40.78	42.07	48.02	52.83	60.22	59.24	49.28	42.53	38.25	35.88	31.87														
		0.40	0.59	0.64	0.55	0.52	0.49	0.35	0.47	0.52	0.47	0.70	0.63	0.69	0.61	0.59	0.87	0.86	0.98	0.91	0.79	0.59	0.72	0.67	0.44														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.49	0.60	0.83	0.83	0.94	1.40	1.73	2.17	2.07	0.94	0.48	0.53	0.06	0.08														
AKWESSNE_115KV_BK	355683	33.05	28.94	27.20	27.11	27.05	27.11	27.12	26.95	30.28	32.70	34.08	36.00	39.36	39.77	41.10	47.09	52.04	59.57	58.53	47.84	41.23	36.88	34.18	30.82														
		-0.67	-0.56	-0.47	-0.30	-0.25	-0.22	-0.11	-0.47	-0.59	-0.67	-1.09	-1.23	-1.39	-1.23	-1.31	-1.46	-1.66	-1.84	-1.87	-1.58	-1.19	-1.18	-1.09	-0.69														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.97	30.68	28.80	28.59	28.39	28.42	28.26	28.32	31.85	34.32	36.00	37.77	41.26	41.35	42.73	48.84	54.02	61.83	61.16	50.64	43.75	39.31	36.68	32.59														
		1.25	1.18	1.13	1.18	1.09	1.09	1.03	0.90	0.99	1.00	1.16	0.93	1.06	0.90	0.93	1.21	1.45	1.84	2.11	1.83	1.65	1.60	1.45	1.13														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.32	0.39	0.54	0.54	0.62	0.92	1.13	1.42	1.36	0.61	0.32	0.35	0.04	0.05														
ALBANY_2_SOLAR	323834	34.97	30.68	28.80	28.59	28.39	28.42	28.23	28.32	31.85	34.29	36.00	37.77	41.26	41.32	42.69	48.84	54.02	61.83	61.10	50.64	43.71	39.31	36.68	32.59														
		1.25	1.18	1.13	1.18	1.09	1.09	1.01	0.90	0.99	0.97	1.16	0.93	1.06	0.86	0.89	1.21	1.45	1.84	2.05	1.83	1.61	1.60	1.45	1.13														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.32	0.39	0.54	0.54	0.62	0.92	1.13	1.42	1.36	0.62	0.32	0.35	0.04	0.05														
ALBANY___1	23571	34.12	30.09	28.31	27.96	27.82	27.82	27.58	27.89	31.39	33.77	35.38	37.26	40.61	40.78	42.07	48.02	52.83	60.22	59.24	49.28	42.53	38.25	35.88	31.87														
		0.40	0.59	0.64	0.55	0.52	0.49	0.35	0.47	0.52	0.47	0.70	0.63	0.69	0.61	0.59	0.87	0.86	0.98	0.91	0.79	0.59	0.72	0.67	0.44														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.49	0.60	0.83	0.83	0.94	1.40	1.73	2.17	2.07	0.94	0.48	0.53	0.06	0.08														

ALBANY___2 23572	34.12 0.40 0.00	30.09 0.59 0.00	28.31 0.64 0.00	27.96 0.55 0.00	27.82 0.52 0.00	27.82 0.49 0.00	27.58 0.35 0.00	27.89 0.47 0.00	31.39 0.52 0.00	33.77 0.47 0.07	35.38 0.70 0.49	37.26 0.63 0.60	40.61 0.69 0.83	40.78 0.61 0.83	42.07 0.59 0.94	48.02 0.87 1.40	52.83 0.86 1.73	60.22 0.98 2.17	59.24 0.91 2.07	49.28 0.79 0.94	42.53 0.59 0.48	38.25 0.72 0.53	35.88 0.67 0.06	31.87 0.44 0.08
ALBANY___3 23573	34.12 0.40 0.00	30.09 0.59 0.00	28.31 0.64 0.00	27.96 0.55 0.00	27.82 0.52 0.00	27.82 0.49 0.00	27.58 0.35 0.00	27.89 0.47 0.00	31.39 0.52 0.00	33.77 0.47 0.07	35.38 0.70 0.49	37.26 0.63 0.60	40.61 0.69 0.83	40.78 0.61 0.83	42.07 0.59 0.94	48.02 0.87 1.40	52.83 0.86 1.73	60.22 0.98 2.17	59.24 0.91 2.07	49.28 0.79 0.94	42.53 0.59 0.48	38.25 0.72 0.53	35.88 0.67 0.06	31.87 0.44 0.08
ALBANY___4 23574	34.12 0.40 0.00	30.09 0.59 0.00	28.31 0.64 0.00	27.96 0.55 0.00	27.82 0.52 0.00	27.82 0.49 0.00	27.58 0.35 0.00	27.89 0.47 0.00	31.39 0.52 0.00	33.77 0.47 0.07	35.38 0.70 0.49	37.26 0.63 0.60	40.61 0.69 0.83	40.78 0.61 0.83	42.07 0.59 0.94	48.02 0.87 1.40	52.83 0.86 1.73	60.22 0.98 2.17	59.24 0.91 2.07	49.28 0.79 0.94	42.53 0.59 0.48	38.25 0.72 0.53	35.88 0.67 0.06	31.87 0.44 0.08
ALBANY___LFGE 323615	34.53 0.81 0.00	30.32 0.82 0.00	28.50 0.83 0.00	28.29 0.88 0.00	28.09 0.79 0.00	28.12 0.79 0.00	27.99 0.76 0.00	28.11 0.69 0.00	31.70 0.83 0.00	34.16 0.87 0.08	35.76 1.13 0.53	37.69 1.12 0.66	41.15 1.30 0.90	41.24 1.15 0.90	42.53 1.15 1.02	48.47 1.45 1.52	53.37 1.56 1.88	60.83 1.78 2.37	59.90 1.75 2.26	49.84 1.43 1.02	43.08 1.19 0.53	38.66 1.18 0.58	36.26 1.06 0.07	32.21 0.79 0.09
ALCOA_PA_115KV_PL-6C 55860	33.01 -0.71 0.00	28.91 -0.59 0.00	27.17 -0.50 0.00	27.08 -0.33 0.00	27.00 -0.30 0.00	27.08 -0.25 0.00	27.09 -0.14 0.00	26.93 -0.49 0.00	30.22 -0.65 0.00	32.64 -0.73 0.00	34.00 -1.16 0.00	35.89 -1.34 0.00	39.28 -1.47 0.00	39.69 -1.31 0.00	41.05 -1.36 0.00	46.99 -1.55 0.00	51.98 -1.72 0.00	59.44 -1.97 0.00	58.47 -1.93 0.00	47.84 -1.58 0.00	41.23 -1.19 0.00	36.84 -1.22 0.00	34.11 -1.16 0.00	30.75 -0.76 0.00
ALCOA_RYNLDS___DRP 24188	33.01 -0.71 0.00	28.91 -0.59 0.00	27.17 -0.50 0.00	27.08 -0.33 0.00	27.00 -0.30 0.00	27.08 -0.25 0.00	27.09 -0.14 0.00	26.93 -0.49 0.00	30.22 -0.65 0.00	32.64 -0.73 0.00	34.00 -1.16 0.00	35.89 -1.34 0.00	39.28 -1.47 0.00	39.69 -1.31 0.00	41.05 -1.36 0.00	46.99 -1.55 0.00	51.98 -1.72 0.00	59.44 -1.97 0.00	58.47 -1.93 0.00	47.84 -1.58 0.00	41.23 -1.19 0.00	36.84 -1.22 0.00	34.11 -1.16 0.00	30.75 -0.76 0.00
ALCOA___DSASP 323711	33.01 -0.71 0.00	28.91 -0.59 0.00	27.17 -0.50 0.00	26.92 -0.49 0.00	26.92 -0.38 0.00	26.97 -0.36 0.00	26.79 -0.44 0.00	26.90 -0.52 0.00	30.21 -0.65 0.00	32.64 -0.73 0.00	33.97 -1.20 0.00	35.89 -1.34 0.00	39.28 -1.47 0.00	39.65 -1.35 0.00	41.01 -1.40 0.00	46.99 -1.56 0.00	51.98 -1.72 0.00	59.44 -1.97 0.00	58.47 -1.94 0.00	47.84 -1.58 0.00	41.23 -1.19 0.00	36.84 -1.22 0.00	34.11 -1.16 0.00	30.75 -0.76 0.00
ALLEGHENY___COGEN 23514	35.91 2.19 0.00	30.89 1.39 0.00	28.78 1.11 0.00	28.18 0.77 0.00	27.95 0.65 0.00	27.98 0.65 0.00	28.15 0.93 0.00	28.44 1.02 0.00	31.54 0.68 0.00	33.44 0.07 0.00	35.27 0.11 0.00	37.23 0.00 0.00	40.62 -0.12 0.00	39.52 -1.47 0.00	40.89 -1.53 0.00	46.21 -2.33 0.00	51.34 -2.36 0.00	60.37 -1.04 0.00	60.83 0.43 0.00	51.25 1.83 0.00	44.45 2.04 0.00	40.61 2.55 0.00	37.70 2.43 0.00	32.96 1.45 0.00
ALTAMONT_115KV_TB 2 55880	34.56 0.84 0.00	30.35 0.86 0.00	28.50 0.83 0.00	28.18 0.77 0.00	28.04 0.74 0.00	28.04 0.71 0.00	27.83 0.60 0.00	28.16 0.74 0.00	31.70 0.83 0.00	34.19 0.87 0.05	35.96 1.13 0.33	37.95 1.12 0.40	41.42 1.22 0.55	41.59 1.15 0.55	42.97 1.19 0.63	49.11 1.50 0.93	54.21 1.66 1.15	61.80 1.84 1.45	60.83 1.81 1.38	50.28 1.48 0.63	43.28 1.19 0.32	38.92 1.22 0.35	36.36 1.13 0.04	32.28 0.82 0.05
ALTONA_WT_PWR 323606	33.69 -0.03 0.00	29.47 -0.03 0.00	27.70 0.03 0.00	27.44 0.03 0.00	27.44 0.14 0.00	27.49 0.16 0.00	27.31 0.08 0.00	27.48 0.05 0.00	30.86 0.00 0.00	33.30 -0.07 0.00	34.74 -0.42 0.00	36.71 -0.52 0.00	40.14 -0.61 0.00	40.51 -0.49 0.00	41.90 -0.51 0.00	48.01 -0.53 0.00	53.11 -0.59 0.00	60.80 -0.61 0.00	59.74 -0.66 0.00	48.83 -0.59 0.00	42.08 -0.34 0.00	37.53 -0.53 0.00	34.67 -0.60 0.00	31.23 -0.28 0.00
AMERICAN_REF_FUEL 24010	33.52 -0.20 0.00	28.79 -0.71 0.00	26.78 -0.89 0.00	26.15 -1.26 0.00	25.74 -1.55 0.00	25.85 -1.48 0.00	26.27 -0.95 0.00	26.60 -0.82 0.00	29.81 -1.05 0.00	32.10 -1.27 0.00	34.60 -0.56 0.00	36.45 -0.78 0.00	39.85 -0.90 0.00	40.34 -0.66 0.00	41.73 -0.68 0.00	46.80 -1.75 0.00	51.29 -2.42 0.00	59.75 -1.66 0.00	58.90 -1.51 0.00	48.83 -0.59 0.00	41.91 -0.51 0.00	36.99 -1.07 0.00	34.67 -0.60 0.00	30.47 -1.04 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	35.24 1.52 0.00	30.21 0.71 0.00	28.09 0.42 0.00	27.44 0.03 0.00	27.11 -0.19 0.00	27.24 -0.08 0.00	27.69 0.46 0.00	28.13 0.71 0.00	31.64 0.77 0.00	34.14 0.77 0.00	36.71 1.55 0.00	38.83 1.60 0.00	42.42 1.67 0.00	42.93 1.93 0.00	44.32 1.91 0.00	49.80 1.26 0.00	54.67 0.97 0.00	63.74 2.33 0.00	62.94 2.54 0.00	52.04 2.62 0.00	44.58 2.16 0.00	39.12 1.06 0.00	36.40 1.13 0.00	31.70 0.19 0.00
ARTHUR KILL_GT_1 23520	56.38 2.86 -19.79	31.88 2.36 -0.02	29.89 2.21 -0.01	29.50 2.08 -0.01	29.27 1.97 -0.01	29.35 2.02 0.00	29.35 2.13 0.00	29.75 2.33 0.00	33.58 2.72 0.00	55.71 3.10 -19.23	55.15 3.80 -16.18	50.52 4.17 -9.12	47.30 4.60 -1.96	80.74 4.55 -35.19	89.15 4.75 -41.99	86.15 5.77 -31.84	81.48 6.33 -21.45	132.66 6.82 -64.43	140.68 6.47 -73.81	77.49 4.94 -23.12	77.39 4.24 -30.73	77.39 4.11 -35.22	54.07 3.78 -15.02	50.39 2.96 -15.92
ARTHUR_KILL_2 23512	56.21 2.70 -19.79	31.76 2.24 -0.02	29.78 2.10 -0.01	29.42 2.00 -0.01	29.17 1.86 -0.01	29.24 1.91 0.00	29.24 2.01 0.00	29.64 2.22 0.00	33.46 2.59 0.00	55.57 2.97 -19.23	55.00 3.66 -16.18	50.34 3.99 -9.12	47.14 4.44 -1.96	80.53 4.34 -35.19	88.94 4.54 -41.99	85.91 5.53 -31.84	81.16 6.01 -21.45	132.35 6.51 -64.43	140.31 6.10 -73.81	77.19 4.64 -23.12	77.18 4.03 -30.73	77.20 3.92 -35.22	53.89 3.60 -15.02	50.23 2.80 -15.92
ARTHUR_KILL_3 23513	46.31 2.46 -10.13	31.66 2.15 -0.01	29.58 1.91 0.00	29.19 1.78 0.00	28.97 1.67 0.00	28.99 1.67 0.00	29.08 1.85 0.00	29.53 2.11 0.00	33.33 2.47 0.00	46.06 2.80 -9.89	46.06 3.45 -7.45	46.31 3.72 -5.35	46.31 4.07 -1.49	46.31 4.06 -1.25	47.76 4.20 -1.15	55.35 5.10 -1.71	61.45 5.64 -2.11	70.09 6.02 -2.66	68.56 5.62 -2.53	54.72 4.15 -1.15	46.57 3.56 -0.59	46.31 3.54 -4.71	46.31 3.31 -7.73	42.38 2.68 -8.19

ARTHUR_KILL_COGEN 323718	56.38 2.86 -19.79	31.88 2.36 -0.02	29.89 2.21 -0.01	29.50 2.08 -0.01	29.27 1.97 -0.01	29.35 2.02 0.00	29.35 2.13 0.00	29.75 2.33 0.00	33.58 2.72 0.00	55.71 3.10 -19.23	55.15 3.80 -16.18	50.52 4.17 -9.12	47.30 4.60 -1.96	80.74 4.55 -35.19	89.15 4.75 -41.99	86.15 5.77 -31.84	81.48 6.33 -21.45	132.66 6.82 -64.43	140.68 6.47 -73.81	77.49 4.94 -23.12	77.39 4.24 -30.73	77.39 4.11 -35.22	54.07 3.78 -15.02	50.39 2.96 -15.92
ASHOKAN____ 23654	35.91 2.19 0.00	31.36 1.86 0.00	29.33 1.66 0.00	29.03 1.62 0.00	28.80 1.50 0.00	28.69 1.37 0.00	28.56 1.33 0.00	28.55 1.12 0.00	32.22 1.36 0.00	35.64 2.27 0.00	37.98 2.81 0.00	39.91 2.68 0.00	43.93 3.18 0.00	43.87 2.87 0.00	45.55 3.14 0.00	52.13 3.59 0.00	57.89 4.19 0.00	66.57 5.16 0.00	65.84 5.44 0.00	53.92 4.50 0.00	46.32 3.90 0.00	41.64 3.58 0.00	38.23 2.96 0.00	33.81 2.30 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.49 2.77 -0.01	31.99 2.48 -0.01	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.41 2.08 -0.01	29.49 2.26 -0.01	29.95 2.52 -0.01	33.74 2.87 -0.01	36.47 3.00 -0.10	39.36 3.59 -0.60	42.62 3.94 -1.44	46.21 4.44 -1.02	46.53 4.51 -1.02	48.23 4.67 -1.16	55.94 5.68 -1.72	61.94 6.12 -2.12	70.71 6.63 -2.66	69.17 6.22 -2.54	55.37 4.79 -1.15	47.21 4.20 -0.60	42.64 3.92 -0.66	38.88 3.53 -0.09	34.51 2.90 -0.10
ASTORIA_EAST_ENERGY_CC2 323582	36.49 2.77 -0.01	31.99 2.48 -0.01	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.41 2.08 -0.01	29.49 2.26 -0.01	29.95 2.52 -0.01	33.74 2.87 -0.01	36.47 3.00 -0.10	39.36 3.59 -0.60	42.62 3.94 -1.44	46.21 4.44 -1.02	46.53 4.51 -1.02	48.23 4.67 -1.16	55.94 5.68 -1.72	61.94 6.12 -2.12	70.71 6.63 -2.66	69.17 6.22 -2.54	55.37 4.79 -1.15	47.21 4.20 -0.60	42.64 3.92 -0.66	38.88 3.53 -0.09	34.51 2.90 -0.10
ASTORIA_GT2_1 24094	36.49 2.77 -0.01	32.10 2.60 -0.01	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.36 2.02 -0.01	29.28 2.04 -0.01	30.01 2.58 -0.01	33.74 2.87 -0.01	36.47 3.00 -0.10	39.36 3.59 -0.60	42.67 3.98 -1.45	46.16 4.40 -1.02	46.57 4.55 -1.02	48.31 4.75 -1.15	55.99 5.73 -1.72	61.78 5.96 -2.12	70.58 6.51 -2.66	68.99 6.04 -2.54	55.47 4.89 -1.15	47.16 4.16 -0.59	42.60 3.88 -0.66	38.99 3.63 -0.09	34.51 2.90 -0.10
ASTORIA_GT2_2 24095	36.49 2.77 -0.01	32.10 2.60 -0.01	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.36 2.02 -0.01	29.28 2.04 -0.01	30.01 2.58 -0.01	33.74 2.87 -0.01	36.47 3.00 -0.10	39.36 3.59 -0.60	42.67 3.98 -1.45	46.16 4.40 -1.02	46.57 4.55 -1.02	48.31 4.75 -1.15	55.99 5.73 -1.72	61.78 5.96 -2.12	70.58 6.51 -2.66	68.99 6.04 -2.54	55.47 4.89 -1.15	47.16 4.16 -0.59	42.60 3.88 -0.66	38.99 3.63 -0.09	34.51 2.90 -0.10
ASTORIA_GT2_3 24096	36.49 2.77 -0.01	32.10 2.60 -0.01	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.36 2.02 -0.01	29.28 2.04 -0.01	30.01 2.58 -0.01	33.74 2.87 -0.01	36.47 3.00 -0.10	39.36 3.59 -0.60	42.67 3.98 -1.45	46.16 4.40 -1.02	46.57 4.55 -1.02	48.31 4.75 -1.15	55.99 5.73 -1.72	61.78 5.96 -2.12	70.58 6.51 -2.66	68.99 6.04 -2.54	55.47 4.89 -1.15	47.16 4.16 -0.59	42.60 3.88 -0.66	38.99 3.63 -0.09	34.51 2.90 -0.10
ASTORIA_GT2_4 24097	36.49 2.77 -0.01	32.10 2.60 -0.01	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.36 2.02 -0.01	29.28 2.04 -0.01	30.01 2.58 -0.01	33.74 2.87 -0.01	36.47 3.00 -0.10	39.36 3.59 -0.60	42.67 3.98 -1.45	46.16 4.40 -1.02	46.57 4.55 -1.02	48.31 4.75 -1.15	55.99 5.73 -1.72	61.78 5.96 -2.12	70.58 6.51 -2.66	68.99 6.04 -2.54	55.47 4.89 -1.15	47.16 4.16 -0.59	42.60 3.88 -0.66	38.99 3.63 -0.09	34.51 2.90 -0.10
ASTORIA_GT3_1 24098	36.49 2.77 -0.01	32.10 2.60 -0.01	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.36 2.02 -0.01	29.28 2.04 -0.01	30.01 2.58 -0.01	33.74 2.87 -0.01	36.47 3.00 -0.10	39.36 3.59 -0.60	42.67 3.98 -1.45	46.16 4.40 -1.02	46.57 4.55 -1.02	48.31 4.75 -1.15	55.99 5.73 -1.72	61.78 5.96 -2.12	70.58 6.51 -2.66	68.99 6.04 -2.54	55.47 4.89 -1.15	47.16 4.16 -0.59	42.60 3.88 -0.66	38.99 3.63 -0.09	34.51 2.90 -0.10
ASTORIA_GT3_2 24099	36.49 2.77 -0.01	32.10 2.60 -0.01	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.36 2.02 -0.01	29.28 2.04 -0.01	30.01 2.58 -0.01	33.74 2.87 -0.01	36.47 3.00 -0.10	39.36 3.59 -0.60	42.67 3.98 -1.45	46.16 4.40 -1.02	46.57 4.55 -1.02	48.31 4.75 -1.15	55.99 5.73 -1.72	61.78 5.96 -2.12	70.58 6.51 -2.66	68.99 6.04 -2.54	55.47 4.89 -1.15	47.16 4.16 -0.59	42.60 3.88 -0.66	38.99 3.63 -0.09	34.51 2.90 -0.10
ASTORIA_GT3_3 24100	36.49 2.77 -0.01	32.10 2.60 -0.01	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.36 2.02 -0.01	29.28 2.04 -0.01	30.01 2.58 -0.01	33.74 2.87 -0.01	36.47 3.00 -0.10	39.36 3.59 -0.60	42.67 3.98 -1.45	46.16 4.40 -1.02	46.57 4.55 -1.02	48.31 4.75 -1.15	55.99 5.73 -1.72	61.78 5.96 -2.12	70.58 6.51 -2.66	68.99 6.04 -2.54	55.47 4.89 -1.15	47.16 4.16 -0.59	42.60 3.88 -0.66	38.99 3.63 -0.09	34.51 2.90 -0.10
ASTORIA_GT3_4 24101	36.49 2.77 -0.01	32.10 2.60 -0.01	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.36 2.02 -0.01	29.28 2.04 -0.01	30.01 2.58 -0.01	33.74 2.87 -0.01	36.47 3.00 -0.10	39.36 3.59 -0.60	42.67 3.98 -1.45	46.16 4.40 -1.02	46.57 4.55 -1.02	48.31 4.75 -1.15	55.99 5.73 -1.72	61.78 5.96 -2.12	70.58 6.51 -2.66	68.99 6.04 -2.54	55.47 4.89 -1.15	47.16 4.16 -0.59	42.60 3.88 -0.66	38.99 3.63 -0.09	34.51 2.90 -0.10
ASTORIA_GT4_1 24102	36.49 2.77 -0.01	32.10 2.60 -0.01	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.36 2.02 -0.01	29.28 2.04 -0.01	30.01 2.58 -0.01	33.74 2.87 -0.01	36.47 3.00 -0.10	39.36 3.59 -0.60	42.67 3.98 -1.45	46.16 4.40 -1.02	46.57 4.55 -1.02	48.31 4.75 -1.15	55.99 5.73 -1.72	61.78 5.96 -2.12	70.58 6.51 -2.66	68.99 6.04 -2.54	55.47 4.89 -1.15	47.16 4.16 -0.59	42.60 3.88 -0.66	38.99 3.63 -0.09	34.51 2.90 -0.10
ASTORIA_GT4_2 24103	36.49 2.77 -0.01	32.10 2.60 -0.01	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.36 2.02 -0.01	29.28 2.04 -0.01	30.01 2.58 -0.01	33.74 2.87 -0.01	36.47 3.00 -0.10	39.36 3.59 -0.60	42.67 3.98 -1.45	46.16 4.40 -1.02	46.57 4.55 -1.02	48.31 4.75 -1.15	55.99 5.73 -1.72	61.78 5.96 -2.12	70.58 6.51 -2.66	68.99 6.04 -2.54	55.47 4.89 -1.15	47.16 4.16 -0.59	42.60 3.88 -0.66	38.99 3.63 -0.09	34.51 2.90 -0.10
ASTORIA_GT4_3 24104	36.49 2.77 -0.01	32.10 2.60 -0.01	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.36 2.02 -0.01	29.28 2.04 -0.01	30.01 2.58 -0.01	33.74 2.87 -0.01	36.47 3.00 -0.10	39.36 3.59 -0.60	42.67 3.98 -1.45	46.16 4.40 -1.02	46.57 4.55 -1.02	48.31 4.75 -1.15	55.99 5.73 -1.72	61.78 5.96 -2.12	70.58 6.51 -2.66	68.99 6.04 -2.54	55.47 4.89 -1.15	47.16 4.16 -0.59	42.60 3.88 -0.66	38.99 3.63 -0.09	34.51 2.90 -0.10

ASTORIA_GT4_4 24105	36.49 2.77 -0.01	32.10 2.60 -0.01	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.36 2.02 -0.01	29.28 2.04 -0.01	30.01 2.58 -0.01	33.74 2.87 -0.01	36.47 3.00 -0.10	39.36 3.59 -0.60	42.67 3.98 -1.45	46.16 4.40 -1.02	46.57 4.55 -1.02	48.31 4.75 -1.15	55.99 5.73 -1.72	61.78 5.96 -2.12	70.58 6.51 -2.66	68.99 6.04 -2.54	55.47 4.89 -1.15	47.16 4.16 -0.59	42.60 3.88 -0.66	38.99 3.63 -0.09	34.51 2.90 -0.10
ASTORIA_GT_1 23523	36.59 2.86 -0.01	32.07 2.57 -0.01	30.03 2.35 -0.01	29.64 2.22 -0.01	29.41 2.10 -0.01	29.47 2.13 -0.01	29.58 2.34 -0.01	30.01 2.58 -0.01	33.81 2.93 -0.01	36.57 3.10 -0.10	39.46 3.69 -0.60	42.77 4.10 -1.44	46.33 4.56 -1.02	46.69 4.67 -1.02	48.40 4.83 -1.16	56.13 5.87 -1.72	62.16 6.33 -2.12	70.89 6.82 -2.66	69.41 6.47 -2.54	55.52 4.94 -1.15	47.38 4.37 -0.60	42.75 4.03 -0.66	39.02 3.67 -0.09	34.61 2.99 -0.10
ASTORIA_GT_10 24110	36.46 2.73 -0.01	31.95 2.45 0.00	29.86 2.19 -0.01	29.33 1.92 0.00	29.16 1.86 0.00	29.18 1.86 0.00	29.08 1.85 0.00	29.78 2.36 0.00	33.52 2.65 0.00	36.47 3.00 -0.10	41.66 3.69 -2.80	42.67 3.98 -1.45	46.08 4.32 -1.02	46.37 4.35 -1.02	48.05 4.50 -1.15	55.64 5.39 -1.71	61.45 5.64 -2.11	70.08 6.02 -2.66	68.56 5.62 -2.53	55.07 4.50 -1.15	46.91 3.90 -0.59	42.60 3.88 -0.66	38.99 3.63 -0.09	34.48 2.87 -0.10
ASTORIA_GT_11 24225	36.46 2.73 -0.01	31.95 2.45 0.00	29.86 2.19 -0.01	29.33 1.92 0.00	29.16 1.86 0.00	29.18 1.86 0.00	29.08 1.85 0.00	29.78 2.36 0.00	33.52 2.65 0.00	36.47 3.00 -0.10	41.66 3.69 -2.80	42.67 3.98 -1.45	46.08 4.32 -1.02	46.37 4.35 -1.02	48.05 4.50 -1.15	55.64 5.39 -1.71	61.45 5.64 -2.11	70.08 6.02 -2.66	68.56 5.62 -2.53	55.07 4.50 -1.15	46.91 3.90 -0.59	42.60 3.88 -0.66	38.99 3.63 -0.09	34.48 2.87 -0.10
ASTORIA_GT_12 24226	36.46 2.73 -0.01	31.95 2.45 0.00	29.86 2.19 -0.01	29.33 1.92 0.00	29.16 1.86 0.00	29.18 1.86 0.00	29.08 1.85 0.00	29.78 2.36 0.00	33.52 2.65 0.00	36.47 3.00 -0.10	41.66 3.69 -2.80	42.67 3.98 -1.45	46.08 4.32 -1.02	46.37 4.35 -1.02	48.05 4.50 -1.15	55.64 5.39 -1.71	61.45 5.64 -2.11	70.08 6.02 -2.66	68.56 5.62 -2.53	55.07 4.50 -1.15	46.91 3.90 -0.59	42.60 3.88 -0.66	38.99 3.63 -0.09	34.48 2.87 -0.10
ASTORIA_GT_13 24227	36.46 2.73 -0.01	31.95 2.45 0.00	29.86 2.19 -0.01	29.33 1.92 0.00	29.16 1.86 0.00	29.18 1.86 0.00	29.08 1.85 0.00	29.78 2.36 0.00	33.52 2.65 0.00	36.47 3.00 -0.10	41.66 3.69 -2.80	42.67 3.98 -1.45	46.08 4.32 -1.02	46.37 4.35 -1.02	48.05 4.50 -1.15	55.64 5.39 -1.71	61.45 5.64 -2.11	70.08 6.02 -2.66	68.56 5.62 -2.53	55.07 4.50 -1.15	46.91 3.90 -0.59	42.60 3.88 -0.66	38.99 3.63 -0.09	34.48 2.87 -0.10
ASTORIA_GT_5 24106	36.59 2.87 -0.01	32.16 2.65 -0.01	30.08 2.41 -0.01	29.56 2.14 -0.01	29.38 2.07 -0.01	29.41 2.08 -0.01	29.33 2.10 -0.01	30.06 2.63 -0.01	33.80 2.93 -0.01	36.54 3.07 -0.10	39.46 3.69 -0.60	42.78 4.10 -1.45	46.29 4.52 -1.02	46.70 4.67 -1.02	48.44 4.88 -1.15	56.13 5.87 -1.72	61.95 6.12 -2.12	70.71 6.63 -2.66	69.17 6.22 -2.54	55.62 5.04 -1.15	47.29 4.28 -0.59	42.71 4.00 -0.66	39.09 3.74 -0.09	34.61 2.99 -0.10
ASTORIA_GT_7 24107	36.59 2.87 -0.01	32.16 2.65 -0.01	30.08 2.41 -0.01	29.56 2.14 -0.01	29.38 2.07 -0.01	29.41 2.08 -0.01	29.33 2.10 -0.01	30.06 2.63 -0.01	33.80 2.93 -0.01	36.54 3.07 -0.10	39.46 3.69 -0.60	42.78 4.10 -1.45	46.29 4.52 -1.02	46.70 4.67 -1.02	48.44 4.88 -1.15	56.13 5.87 -1.72	61.95 6.12 -2.12	70.71 6.63 -2.66	69.17 6.22 -2.54	55.62 5.04 -1.15	47.29 4.28 -0.59	42.71 4.00 -0.66	39.09 3.74 -0.09	34.61 2.99 -0.10
ASTORIA_GT_8 24108	36.59 2.87 -0.01	32.16 2.65 -0.01	30.08 2.41 -0.01	29.56 2.14 -0.01	29.38 2.07 -0.01	29.41 2.08 -0.01	29.33 2.10 -0.01	30.06 2.63 -0.01	33.80 2.93 -0.01	36.54 3.07 -0.10	39.46 3.69 -0.60	42.78 4.10 -1.45	46.29 4.52 -1.02	46.70 4.67 -1.02	48.44 4.88 -1.15	56.13 5.87 -1.72	61.95 6.12 -2.12	70.71 6.63 -2.66	69.17 6.22 -2.54	55.62 5.04 -1.15	47.29 4.28 -0.59	42.71 4.00 -0.66	39.09 3.74 -0.09	34.61 2.99 -0.10
ASTORIA___2 24149	36.49 2.77 -0.01	32.01 2.51 -0.01	29.97 2.30 -0.01	29.58 2.16 -0.01	29.36 2.05 -0.01	29.41 2.08 -0.01	29.52 2.29 -0.01	29.95 2.52 -0.01	33.74 2.87 -0.01	36.50 3.04 -0.10	39.39 3.62 -0.60	42.66 3.99 -1.44	46.21 4.44 -1.02	46.57 4.55 -1.02	48.27 4.71 -1.16	55.99 5.73 -1.72	62.00 6.17 -2.12	70.71 6.63 -2.66	69.23 6.28 -2.54	55.37 4.79 -1.15	47.26 4.24 -0.60	42.67 3.96 -0.66	38.92 3.56 -0.09	34.51 2.90 -0.10
ASTORIA___3 23516	36.46 2.73 -0.01	31.83 2.33 0.00	29.81 2.13 -0.01	29.41 2.00 0.00	29.18 1.88 0.00	29.24 1.91 0.00	29.29 2.07 0.00	29.72 2.30 0.00	33.52 2.65 0.00	36.50 3.04 -0.10	41.66 3.69 -2.80	42.67 3.99 -1.45	46.17 4.40 -1.02	46.32 4.30 -1.02	48.01 4.45 -1.15	55.64 5.39 -1.71	61.62 5.80 -2.11	70.27 6.20 -2.66	68.74 5.80 -2.53	55.02 4.45 -1.15	46.91 3.90 -0.59	42.60 3.88 -0.66	38.95 3.60 -0.09	34.48 2.87 -0.10
ASTORIA___4 23517	36.46 2.73 -0.01	31.95 2.45 0.00	29.86 2.19 -0.01	29.33 1.92 0.00	29.16 1.86 0.00	29.18 1.86 0.00	29.08 1.85 0.00	29.78 2.36 0.00	33.52 2.65 0.00	36.47 3.00 -0.10	41.66 3.69 -2.80	42.67 3.98 -1.45	46.08 4.32 -1.02	46.37 4.35 -1.02	48.05 4.50 -1.15	55.64 5.39 -1.71	61.45 5.64 -2.11	70.08 6.02 -2.66	68.56 5.62 -2.53	55.07 4.50 -1.15	46.91 3.90 -0.59	42.60 3.88 -0.66	38.99 3.63 -0.09	34.48 2.87 -0.10
ASTORIA___5 23518	36.46 2.73 -0.01	31.83 2.33 0.00	29.81 2.13 -0.01	29.41 2.00 0.00	29.18 1.88 0.00	29.24 1.91 0.00	29.29 2.07 0.00	29.72 2.30 0.00	33.52 2.65 0.00	36.50 3.04 -0.10	41.66 3.69 -2.80	42.67 3.99 -1.45	46.17 4.40 -1.02	46.32 4.30 -1.02	48.01 4.45 -1.15	55.64 5.39 -1.71	61.62 5.80 -2.11	70.27 6.20 -2.66	68.74 5.80 -2.53	55.02 4.45 -1.15	46.91 3.90 -0.59	42.60 3.88 -0.66	38.95 3.60 -0.09	34.48 2.87 -0.10
AST_ENERGY_2_CC3 323677	36.28 2.56 0.00	31.71 2.21 0.00	29.66 1.99 0.00	29.28 1.86 0.00	29.05 1.75 0.00	29.08 1.75 0.00	29.16 1.93 0.00	29.59 2.17 0.00	33.40 2.53 0.00	36.33 2.87 -0.09	39.31 3.55 -0.60	42.50 3.84 -1.43	45.95 4.20 -1.01	46.15 4.14 -1.02	47.89 4.33 -1.15	55.54 5.29 -1.71	61.67 5.85 -2.11	70.33 6.27 -2.66	68.80 5.86 -2.53	54.92 4.35 -1.15	46.69 3.69 -0.59	42.36 3.65 -0.65	38.77 3.42 -0.08	34.32 2.71 -0.10
AST_ENERGY_2_CC4 323678	36.28 2.56 0.00	31.71 2.21 0.00	29.66 1.99 0.00	29.28 1.86 0.00	29.05 1.75 0.00	29.08 1.75 0.00	29.16 1.93 0.00	29.59 2.17 0.00	33.40 2.53 0.00	36.33 2.87 -0.09	39.31 3.55 -0.60	42.50 3.84 -1.43	45.95 4.20 -1.01	46.15 4.14 -1.02	47.89 4.33 -1.15	55.54 5.29 -1.71	61.67 5.85 -2.11	70.33 6.27 -2.66	68.80 5.86 -2.53	54.92 4.35 -1.15	46.69 3.69 -0.59	42.36 3.65 -0.65	38.77 3.42 -0.08	34.32 2.71 -0.10

ATHENS_STG_1 23668	34.77 1.05 0.00	30.44 0.94 0.00	28.58 0.91 0.00	28.37 0.96 0.00	28.17 0.87 0.00	28.20 0.87 0.00	28.12 0.90 0.00	28.32 0.90 0.00	31.91 1.05 0.00	34.57 1.17 -0.03	36.94 1.55 -0.23	39.15 1.64 -0.28	42.93 1.79 -0.39	43.15 1.76 -0.39	44.76 1.91 -0.44	51.53 2.33 -0.66	57.10 2.58 -0.82	65.14 2.70 -1.03	63.92 2.54 -0.98	51.85 1.98 -0.44	44.26 1.61 -0.23	39.95 1.64 -0.25	36.78 1.48 -0.03	32.65 1.10 -0.04
ATHENS_STG_2 23670	34.77 1.05 0.00	30.44 0.94 0.00	28.58 0.91 0.00	28.37 0.96 0.00	28.17 0.87 0.00	28.20 0.87 0.00	28.12 0.90 0.00	28.32 0.90 0.00	31.91 1.05 0.00	34.57 1.17 -0.03	36.94 1.55 -0.23	39.15 1.64 -0.28	42.93 1.79 -0.39	43.15 1.76 -0.39	44.76 1.91 -0.44	51.53 2.33 -0.66	57.10 2.58 -0.82	65.14 2.70 -1.03	63.92 2.54 -0.98	51.85 1.98 -0.44	44.26 1.61 -0.23	39.95 1.64 -0.25	36.78 1.48 -0.03	32.65 1.10 -0.04
ATHENS_STG_3 23677	34.77 1.05 0.00	30.44 0.94 0.00	28.58 0.91 0.00	28.37 0.96 0.00	28.17 0.87 0.00	28.20 0.87 0.00	28.12 0.90 0.00	28.32 0.90 0.00	31.91 1.05 0.00	34.57 1.17 -0.03	36.94 1.55 -0.23	39.15 1.64 -0.28	42.93 1.79 -0.39	43.15 1.76 -0.39	44.76 1.91 -0.44	51.53 2.33 -0.66	57.10 2.58 -0.82	65.14 2.70 -1.03	63.92 2.54 -0.98	51.85 1.98 -0.44	44.26 1.61 -0.23	39.95 1.64 -0.25	36.78 1.48 -0.03	32.65 1.10 -0.04
AUBURN___LFGE 323710	34.94 0.54 -0.68	29.75 0.24 -0.02	27.81 0.14 0.00	27.41 0.00 0.00	27.27 -0.03 0.00	27.30 -0.03 0.00	27.20 -0.03 0.00	27.67 0.25 0.00	31.44 0.34 -0.23	34.44 0.43 -0.63	36.99 0.67 -1.16	39.55 0.82 -1.50	43.72 0.94 -2.04	44.03 0.94 -2.09	45.65 0.93 -2.31	52.58 0.83 -3.21	58.29 1.07 -3.51	66.86 1.54 -3.92	65.73 1.69 -3.63	52.88 1.43 -2.02	44.78 1.23 -1.14	39.68 0.84 -0.79	36.88 0.78 -0.83	31.92 0.41 0.00
BABYLON_RES_REC 323704	47.04 3.21 -10.11	45.94 2.74 -13.70	42.49 2.46 -12.36	39.00 2.36 -9.23	33.23 2.26 -3.66	34.36 2.30 -4.73	33.57 2.45 -3.89	32.56 2.63 -2.50	41.00 3.03 -7.11	46.53 3.37 -9.80	42.38 4.04 -3.17	66.19 4.35 -24.60	74.65 4.72 -29.18	69.47 4.71 -23.76	83.39 5.04 -35.94	76.56 6.07 -21.95	88.83 6.82 -28.31	85.40 7.37 -16.63	82.89 7.12 -15.36	68.35 5.19 -13.74	51.25 4.45 -4.38	48.31 4.34 -5.91	42.01 3.98 -2.75	41.44 3.25 -6.69
BABYLON__69_KV_BK2 356345	47.54 3.71 -10.11	46.44 3.24 -13.70	42.90 2.88 -12.36	39.27 2.63 -9.23	33.56 2.59 -3.66	34.66 2.60 -4.73	33.68 2.56 -3.89	32.94 3.02 -2.50	41.40 3.43 -7.11	47.04 3.87 -9.80	43.34 4.64 -3.53	66.87 5.03 -24.61	75.30 5.38 -29.18	95.05 5.37 -48.68	106.00 5.73 -57.86	105.04 6.80 -49.70	117.13 7.57 -55.86	112.56 8.29 -42.86	110.63 7.91 -42.31	92.58 6.18 -36.98	59.86 5.09 -12.35	54.35 5.02 -11.27	42.77 4.59 -2.92	41.95 3.75 -6.69
BALL_HILL_WT_PWR 323825	34.70 0.98 0.00	29.76 0.26 0.00	27.70 0.03 0.00	27.05 -0.36 0.00	26.78 -0.52 0.00	26.89 -0.44 0.00	27.34 0.11 0.00	27.72 0.30 0.00	31.14 0.28 0.00	33.57 0.20 0.00	36.12 0.95 0.00	38.20 0.97 0.00	41.76 1.02 0.00	42.31 1.31 0.00	43.77 1.36 0.00	49.17 0.63 0.00	54.02 0.32 0.00	62.82 1.41 0.00	61.97 1.57 0.00	51.25 1.83 0.00	43.94 1.52 0.00	38.67 0.61 0.00	36.12 0.85 0.00	31.57 0.06 0.00
BARON_WINDS___WT_PWR 323822	34.93 1.05 -0.17	29.97 0.47 0.00	27.95 0.28 0.00	27.38 -0.03 0.00	27.16 -0.14 0.00	27.27 -0.05 0.00	27.58 0.35 0.00	27.94 0.52 0.00	31.41 0.49 -0.06	33.99 0.47 -0.16	36.47 1.02 -0.29	38.68 1.08 -0.37	42.39 1.14 -0.51	42.74 1.23 -0.52	44.21 1.23 -0.57	50.16 0.82 -0.79	55.32 0.75 -0.87	64.04 1.66 -0.97	63.18 1.87 -0.90	51.95 2.03 -0.50	44.40 1.70 -0.28	39.24 0.99 -0.19	36.50 1.02 -0.21	31.82 0.32 0.00
BARRETT_IC_1 23704	46.63 2.80 -10.11	45.64 2.45 -13.70	42.30 2.27 -12.36	38.81 2.16 -9.23	33.01 2.05 -3.66	34.14 2.08 -4.73	33.32 2.20 -3.89	32.34 2.41 -2.50	40.78 2.81 -7.11	46.23 3.07 -9.80	41.89 3.73 -3.00	65.78 3.94 -24.60	74.29 4.36 -29.18	57.23 4.34 -11.89	72.49 4.58 -25.50	62.77 5.48 -8.74	74.85 5.96 -15.19	72.05 6.51 -4.14	69.22 6.28 -2.53	56.69 4.60 -2.67	46.91 3.90 -0.59	45.26 3.84 -3.36	41.54 3.60 -2.67	41.09 2.90 -6.69
BARRETT_IC_10 23701	46.63 2.80 -10.11	45.64 2.45 -13.70	42.30 2.27 -12.36	38.81 2.16 -9.23	33.01 2.05 -3.66	34.14 2.08 -4.73	33.32 2.20 -3.89	32.34 2.41 -2.50	40.78 2.81 -7.11	46.23 3.07 -9.80	41.89 3.73 -3.00	65.78 3.94 -24.60	74.29 4.36 -29.18	57.23 4.34 -11.89	72.49 4.58 -25.50	62.77 5.48 -8.74	74.85 5.96 -15.19	72.05 6.51 -4.14	69.22 6.28 -2.53	56.69 4.60 -2.67	46.91 3.90 -0.59	45.26 3.84 -3.36	41.54 3.60 -2.67	41.09 2.90 -6.69
BARRETT_IC_11 23702	46.63 2.80 -10.11	45.64 2.45 -13.70	42.30 2.27 -12.36	38.81 2.16 -9.23	33.01 2.05 -3.66	34.14 2.08 -4.73	33.32 2.20 -3.89	32.34 2.41 -2.50	40.78 2.81 -7.11	46.23 3.07 -9.80	41.89 3.73 -3.00	65.78 3.94 -24.60	74.29 4.36 -29.18	57.23 4.34 -11.89	72.49 4.58 -25.50	62.77 5.48 -8.74	74.85 5.96 -15.19	72.05 6.51 -4.14	69.22 6.28 -2.53	56.69 4.60 -2.67	46.91 3.90 -0.59	45.26 3.84 -3.36	41.54 3.60 -2.67	41.09 2.90 -6.69
BARRETT_IC_12 23703	46.63 2.80 -10.11	45.64 2.45 -13.70	42.30 2.27 -12.36	38.81 2.16 -9.23	33.01 2.05 -3.66	34.14 2.08 -4.73	33.32 2.20 -3.89	32.34 2.41 -2.50	40.78 2.81 -7.11	46.23 3.07 -9.80	41.89 3.73 -3.00	65.78 3.94 -24.60	74.29 4.36 -29.18	57.23 4.34 -11.89	72.49 4.58 -25.50	62.77 5.48 -8.74	74.85 5.96 -15.19	72.05 6.51 -4.14	69.22 6.28 -2.53	56.69 4.60 -2.67	46.91 3.90 -0.59	45.26 3.84 -3.36	41.54 3.60 -2.67	41.09 2.90 -6.69
BARRETT_IC_2 23705	46.63 2.80 -10.11	45.64 2.45 -13.70	42.30 2.27 -12.36	38.81 2.16 -9.23	33.01 2.05 -3.66	34.14 2.08 -4.73	33.32 2.20 -3.89	32.34 2.41 -2.50	40.78 2.81 -7.11	46.23 3.07 -9.80	41.89 3.73 -3.00	65.78 3.94 -24.60	74.29 4.36 -29.18	57.23 4.34 -11.89	72.49 4.58 -25.50	62.77 5.48 -8.74	74.85 5.96 -15.19	72.05 6.51 -4.14	69.22 6.28 -2.53	56.69 4.60 -2.67	46.91 3.90 -0.59	45.26 3.84 -3.36	41.54 3.60 -2.67	41.09 2.90 -6.69
BARRETT_IC_3 23706	46.63 2.80 -10.11	45.64 2.45 -13.70	42.30 2.27 -12.36	38.81 2.16 -9.23	33.01 2.05 -3.66	34.14 2.08 -4.73	33.32 2.20 -3.89	32.34 2.41 -2.50	40.78 2.81 -7.11	46.23 3.07 -9.80	41.89 3.73 -3.00	65.78 3.94 -24.60	74.29 4.36 -29.18	57.23 4.34 -11.89	72.49 4.58 -25.50	62.77 5.48 -8.74	74.85 5.96 -15.19	72.05 6.51 -4.14	69.22 6.28 -2.53	56.69 4.60 -2.67	46.91 3.90 -0.59	45.26 3.84 -3.36	41.54 3.60 -2.67	41.09 2.90 -6.69
BARRETT_IC_4 23707	46.63 2.80 -10.11	45.64 2.45 -13.70	42.30 2.27 -12.36	38.81 2.16 -9.23	33.01 2.05 -3.66	34.14 2.08 -4.73	33.32 2.20 -3.89	32.34 2.41 -2.50	40.78 2.81 -7.11	46.23 3.07 -9.80	41.89 3.73 -3.00	65.78 3.94 -24.60	74.29 4.36 -29.18	57.23 4.34 -11.89	72.49 4.58 -25.50	62.77 5.48 -8.74	74.85 5.96 -15.19	72.05 6.51 -4.14	69.22 6.28 -2.53	56.69 4.60 -2.67	46.91 3.90 -0.59	45.26 3.84 -3.36	41.54 3.60 -2.67	41.09 2.90 -6.69

BARRETT_IC_5 23708	46.63 2.80 -10.11	45.64 2.45 -13.70	42.30 2.27 -12.36	38.81 2.16 -9.23	33.01 2.05 -3.66	34.14 2.08 -4.73	33.32 2.20 -3.89	32.34 2.41 -2.50	40.78 2.81 -7.11	46.23 3.07 -9.80	41.89 3.73 -3.00	65.78 3.94 -24.60	74.29 4.36 -29.18	57.23 4.34 -11.89	72.49 4.58 -25.50	62.77 5.48 -8.74	74.85 5.96 -15.19	72.05 6.51 -4.14	69.22 6.28 -2.53	56.69 4.60 -2.67	46.91 3.90 -0.59	45.26 3.84 -3.36	41.54 3.60 -2.67	41.09 2.90 -6.69
BARRETT_IC_6 23709	46.63 2.80 -10.11	45.64 2.45 -13.70	42.30 2.27 -12.36	38.81 2.16 -9.23	33.01 2.05 -3.66	34.14 2.08 -4.73	33.32 2.20 -3.89	32.34 2.41 -2.50	40.78 2.81 -7.11	46.23 3.07 -9.80	41.89 3.73 -3.00	65.78 3.94 -24.60	74.29 4.36 -29.18	57.23 4.34 -11.89	72.49 4.58 -25.50	62.77 5.48 -8.74	74.85 5.96 -15.19	72.05 6.51 -4.14	69.22 6.28 -2.53	56.69 4.60 -2.67	46.91 3.90 -0.59	45.26 3.84 -3.36	41.54 3.60 -2.67	41.09 2.90 -6.69
BARRETT_IC_7 23710	46.63 2.80 -10.11	45.73 2.54 -13.70	42.35 2.32 -12.36	38.72 2.08 -9.23	32.98 2.02 -3.66	34.08 2.02 -4.73	33.11 1.99 -3.89	32.37 2.44 -2.50	40.78 2.81 -7.11	46.20 3.04 -9.80	41.90 3.73 -3.00	65.78 3.95 -24.60	74.20 4.28 -29.18	57.19 4.30 -11.89	72.45 4.54 -25.50	62.72 5.44 -8.74	74.74 5.85 -15.19	72.06 6.51 -4.14	69.04 6.10 -2.53	56.84 4.74 -2.67	46.87 3.86 -0.59	45.30 3.88 -3.36	41.61 3.67 -2.67	41.09 2.90 -6.69
BARRETT_IC_8 23711	46.63 2.80 -10.11	45.64 2.45 -13.70	42.30 2.27 -12.36	38.81 2.16 -9.23	33.01 2.05 -3.66	34.14 2.08 -4.73	33.32 2.20 -3.89	32.34 2.41 -2.50	40.78 2.81 -7.11	46.23 3.07 -9.80	41.89 3.73 -3.00	65.78 3.94 -24.60	74.29 4.36 -29.18	57.23 4.34 -11.89	72.49 4.58 -25.50	62.77 5.48 -8.74	74.85 5.96 -15.19	72.05 6.51 -4.14	69.22 6.28 -2.53	56.69 4.60 -2.67	46.91 3.90 -0.59	45.26 3.84 -3.36	41.54 3.60 -2.67	41.09 2.90 -6.69
BARRETT_IC_9 23700	46.63 2.80 -10.11	45.64 2.45 -13.70	42.30 2.27 -12.36	38.81 2.16 -9.23	33.01 2.05 -3.66	34.14 2.08 -4.73	33.32 2.20 -3.89	32.34 2.41 -2.50	40.78 2.81 -7.11	46.23 3.07 -9.80	41.89 3.73 -3.00	65.78 3.94 -24.60	74.29 4.36 -29.18	57.23 4.34 -11.89	72.49 4.58 -25.50	62.77 5.48 -8.74	74.85 5.96 -15.19	72.05 6.51 -4.14	69.22 6.28 -2.53	56.69 4.60 -2.67	46.91 3.90 -0.59	45.26 3.84 -3.36	41.54 3.60 -2.67	41.09 2.90 -6.69
BARRETT___1 23545	46.63 2.80 -10.11	45.64 2.45 -13.70	42.30 2.27 -12.36	38.81 2.16 -9.23	33.01 2.05 -3.66	34.14 2.08 -4.73	33.32 2.20 -3.89	32.34 2.41 -2.50	40.78 2.81 -7.11	46.23 3.07 -9.80	41.89 3.73 -3.00	65.78 3.94 -24.60	74.29 4.36 -29.18	57.23 4.34 -11.89	72.49 4.58 -25.50	62.77 5.48 -8.74	74.85 5.96 -15.19	72.05 6.51 -4.14	69.22 6.28 -2.53	56.69 4.60 -2.67	46.91 3.90 -0.59	45.26 3.84 -3.36	41.54 3.60 -2.67	41.09 2.90 -6.69
BARRETT___2 23546	46.63 2.80 -10.11	45.64 2.45 -13.70	42.30 2.27 -12.36	38.81 2.16 -9.23	33.01 2.05 -3.66	34.14 2.08 -4.73	33.32 2.20 -3.89	32.34 2.41 -2.50	40.78 2.81 -7.11	46.23 3.07 -9.80	41.89 3.73 -3.00	65.78 3.94 -24.60	74.29 4.36 -29.18	57.23 4.34 -11.89	72.49 4.58 -25.50	62.77 5.48 -8.74	74.85 5.96 -15.19	72.05 6.51 -4.14	69.22 6.28 -2.53	56.69 4.60 -2.67	46.91 3.90 -0.59	45.26 3.84 -3.36	41.54 3.60 -2.67	41.09 2.90 -6.69
BATAVIA__115KV_TB1 55881	34.83 1.11 0.00	29.85 0.35 0.00	27.75 0.08 0.00	27.00 -0.41 0.00	26.78 -0.52 0.00	26.83 -0.49 0.00	26.79 -0.44 0.00	27.37 -0.05 0.00	30.99 0.12 0.00	33.40 0.03 0.00	35.80 0.63 0.00	37.90 0.67 0.00	41.76 1.02 0.00	42.06 1.07 0.00	43.56 1.15 0.00	48.98 0.44 0.00	54.24 0.54 0.00	62.82 1.41 0.00	62.34 1.93 0.00	51.25 1.83 0.00	44.20 1.78 0.00	38.86 0.80 0.00	36.05 0.78 0.00	31.76 0.25 0.00
BAYONEEC___CTG1 323682	36.32 2.60 0.00	31.74 2.24 0.00	29.69 2.02 0.00	29.30 1.89 0.00	29.07 1.77 0.00	29.10 1.78 0.00	29.19 1.96 0.00	29.62 2.19 0.00	33.42 2.56 0.00	36.36 2.90 -0.09	39.35 3.59 -0.60	42.53 3.87 -1.43	45.99 4.24 -1.01	46.20 4.18 -1.02	47.93 4.37 -1.15	55.54 5.29 -1.71	61.67 5.85 -2.11	70.39 6.33 -2.66	68.86 5.92 -2.53	54.92 4.35 -1.15	46.69 3.69 -0.59	42.40 3.69 -0.65	38.81 3.46 -0.08	34.38 2.77 -0.10
BAYONEEC___CTG10 323750	36.32 2.60 0.00	31.74 2.24 0.00	29.69 2.02 0.00	29.30 1.89 0.00	29.07 1.77 0.00	29.10 1.78 0.00	29.19 1.96 0.00	29.62 2.19 0.00	33.42 2.56 0.00	36.36 2.90 -0.09	39.35 3.59 -0.60	42.53 3.87 -1.43	45.99 4.24 -1.01	46.20 4.18 -1.02	47.93 4.37 -1.15	55.54 5.29 -1.71	61.67 5.85 -2.11	70.39 6.33 -2.66	68.86 5.92 -2.53	54.92 4.35 -1.15	46.69 3.69 -0.59	42.40 3.69 -0.65	38.81 3.46 -0.08	34.38 2.77 -0.10
BAYONEEC___CTG2 323683	36.32 2.60 0.00	31.74 2.24 0.00	29.69 2.02 0.00	29.30 1.89 0.00	29.07 1.77 0.00	29.10 1.78 0.00	29.19 1.96 0.00	29.62 2.19 0.00	33.42 2.56 0.00	36.36 2.90 -0.09	39.35 3.59 -0.60	42.53 3.87 -1.43	45.99 4.24 -1.01	46.20 4.18 -1.02	47.93 4.37 -1.15	55.54 5.29 -1.71	61.67 5.85 -2.11	70.39 6.33 -2.66	68.86 5.92 -2.53	54.92 4.35 -1.15	46.69 3.69 -0.59	42.40 3.69 -0.65	38.81 3.46 -0.08	34.38 2.77 -0.10
BAYONEEC___CTG3 323684	36.32 2.60 0.00	31.74 2.24 0.00	29.69 2.02 0.00	29.30 1.89 0.00	29.07 1.77 0.00	29.10 1.78 0.00	29.19 1.96 0.00	29.62 2.19 0.00	33.42 2.56 0.00	36.36 2.90 -0.09	39.35 3.59 -0.60	42.53 3.87 -1.43	45.99 4.24 -1.01	46.20 4.18 -1.02	47.93 4.37 -1.15	55.54 5.29 -1.71	61.67 5.85 -2.11	70.39 6.33 -2.66	68.86 5.92 -2.53	54.92 4.35 -1.15	46.69 3.69 -0.59	42.40 3.69 -0.65	38.81 3.46 -0.08	34.38 2.77 -0.10
BAYONEEC___CTG4 323685	36.32 2.60 0.00	31.74 2.24 0.00	29.69 2.02 0.00	29.30 1.89 0.00	29.07 1.77 0.00	29.10 1.78 0.00	29.19 1.96 0.00	29.62 2.19 0.00	33.42 2.56 0.00	36.36 2.90 -0.09	39.35 3.59 -0.60	42.53 3.87 -1.43	45.99 4.24 -1.01	46.20 4.18 -1.02	47.93 4.37 -1.15	55.54 5.29 -1.71	61.67 5.85 -2.11	70.39 6.33 -2.66	68.86 5.92 -2.53	54.92 4.35 -1.15	46.69 3.69 -0.59	42.40 3.69 -0.65	38.81 3.46 -0.08	34.38 2.77 -0.10
BAYONEEC___CTG5 323686	36.32 2.60 0.00	31.74 2.24 0.00	29.69 2.02 0.00	29.30 1.89 0.00	29.07 1.77 0.00	29.10 1.78 0.00	29.19 1.96 0.00	29.62 2.19 0.00	33.42 2.56 0.00	36.36 2.90 -0.09	39.35 3.59 -0.60	42.53 3.87 -1.43	45.99 4.24 -1.01	46.20 4.18 -1.02	47.93 4.37 -1.15	55.54 5.29 -1.71	61.67 5.85 -2.11	70.39 6.33 -2.66	68.86 5.92 -2.53	54.92 4.35 -1.15	46.69 3.69 -0.59	42.40 3.69 -0.65	38.81 3.46 -0.08	34.38 2.77 -0.10
BAYONEEC___CTG6 323687	36.32 2.60 0.00	31.74 2.24 0.00	29.69 2.02 0.00	29.30 1.89 0.00	29.07 1.77 0.00	29.10 1.78 0.00	29.19 1.96 0.00	29.62 2.19 0.00	33.42 2.56 0.00	36.36 2.90 -0.09	39.35 3.59 -0.60	42.53 3.87 -1.43	45.99 4.24 -1.01	46.20 4.18 -1.02	47.93 4.37 -1.15	55.54 5.29 -1.71	61.67 5.85 -2.11	70.39 6.33 -2.66	68.86 5.92 -2.53	54.92 4.35 -1.15	46.69 3.69 -0.59	42.40 3.69 -0.65	38.81 3.46 -0.08	34.38 2.77 -0.10

BAYONEEC___CTG7 323688	36.32 2.60 0.00	31.74 2.24 0.00	29.69 2.02 0.00	29.30 1.89 0.00	29.07 1.77 0.00	29.10 1.78 0.00	29.19 1.96 0.00	29.62 2.19 0.00	33.42 2.56 0.00	36.36 2.90 -0.09	39.35 3.59 -0.60	42.53 3.87 -1.43	45.99 4.24 -1.01	46.20 4.18 -1.02	47.93 4.37 -1.15	55.54 5.29 -1.71	61.67 5.85 -2.11	70.39 6.33 -2.66	68.86 5.92 -2.53	54.92 4.35 -1.15	46.69 3.69 -0.59	42.40 3.69 -0.65	38.81 3.46 -0.08	34.38 2.77 -0.10
BAYONEEC___CTG8 323689	36.32 2.60 0.00	31.74 2.24 0.00	29.69 2.02 0.00	29.30 1.89 0.00	29.07 1.77 0.00	29.10 1.78 0.00	29.19 1.96 0.00	29.62 2.19 0.00	33.42 2.56 0.00	36.36 2.90 -0.09	39.35 3.59 -0.60	42.53 3.87 -1.43	45.99 4.24 -1.01	46.20 4.18 -1.02	47.93 4.37 -1.15	55.54 5.29 -1.71	61.67 5.85 -2.11	70.39 6.33 -2.66	68.86 5.92 -2.53	54.92 4.35 -1.15	46.69 3.69 -0.59	42.40 3.69 -0.65	38.81 3.46 -0.08	34.38 2.77 -0.10
BAYONEEC___CTG9 323749	36.32 2.60 0.00	31.74 2.24 0.00	29.69 2.02 0.00	29.30 1.89 0.00	29.07 1.77 0.00	29.10 1.78 0.00	29.19 1.96 0.00	29.62 2.19 0.00	33.42 2.56 0.00	36.36 2.90 -0.09	39.35 3.59 -0.60	42.53 3.87 -1.43	45.99 4.24 -1.01	46.20 4.18 -1.02	47.93 4.37 -1.15	55.54 5.29 -1.71	61.67 5.85 -2.11	70.39 6.33 -2.66	68.86 5.92 -2.53	54.92 4.35 -1.15	46.69 3.69 -0.59	42.40 3.69 -0.65	38.81 3.46 -0.08	34.38 2.77 -0.10
BEACON___LESR 323632	34.73 1.01 0.00	30.50 1.00 0.00	28.66 0.99 0.00	28.45 1.04 0.00	28.25 0.96 0.00	28.28 0.96 0.00	28.15 0.93 0.00	28.30 0.88 0.00	31.94 1.08 0.00	34.43 1.14 0.08	36.06 1.41 0.52	37.97 1.38 0.64	41.42 1.55 0.88	41.51 1.39 0.88	42.81 1.40 1.00	48.76 1.70 1.48	53.69 1.83 1.84	61.25 2.15 2.30	60.44 2.24 2.20	50.20 1.78 1.00	43.39 1.48 0.51	38.98 1.48 0.56	36.54 1.34 0.07	32.43 1.01 0.08
BEAVER RIVER___HYD 24048	34.82 0.71 -0.39	29.98 0.47 -0.01	28.03 0.36 0.00	27.74 0.33 0.00	27.65 0.35 0.00	27.68 0.35 0.00	27.64 0.41 0.00	27.86 0.44 0.00	31.43 0.43 -0.14	34.24 0.50 -0.37	36.23 0.39 -0.67	38.44 0.33 -0.87	42.26 0.32 -1.19	42.62 0.41 -1.21	44.13 0.38 -1.34	50.80 0.39 -1.87	56.23 0.48 -2.04	64.73 1.04 -2.28	63.96 1.45 -2.11	52.08 1.48 -1.17	44.48 1.40 -0.66	39.70 1.18 -0.46	36.64 0.88 -0.48	32.14 0.63 0.00
BEEBEE_GT_13 23619	34.12 0.40 0.00	29.41 -0.09 0.00	27.42 -0.25 0.00	26.86 -0.55 0.00	26.70 -0.60 0.00	26.70 -0.63 0.00	26.65 -0.57 0.00	27.17 -0.25 0.00	30.74 -0.12 0.00	33.27 -0.10 0.00	35.52 0.35 0.00	37.64 0.41 0.00	41.40 0.65 0.00	41.65 0.66 0.00	43.13 0.72 0.00	48.69 0.15 0.00	53.92 0.21 0.00	62.15 0.74 0.00	61.43 1.03 0.00	50.36 0.94 0.00	43.35 0.93 0.00	38.40 0.34 0.00	35.59 0.32 0.00	31.41 -0.09 0.00
BENSHRST_27_KV_BENSHRST_1 355998	56.72 3.20 -19.79	32.29 2.77 -0.02	30.17 2.49 -0.01	29.64 2.22 -0.01	29.46 2.16 -0.01	29.49 2.16 0.00	29.32 2.10 0.00	30.03 2.60 0.00	33.89 3.02 0.00	56.04 3.44 -19.23	55.53 4.18 -16.18	50.89 4.54 -9.12	47.67 4.97 -1.96	81.15 4.96 -35.19	89.57 5.17 -41.99	86.54 6.16 -31.84	81.65 6.50 -21.45	132.90 7.06 -64.43	140.86 6.64 -73.81	77.88 5.34 -23.12	77.73 4.58 -30.73	77.73 4.45 -35.22	54.42 4.13 -15.02	50.68 3.25 -15.92
BETHLEHEM___GRP 23843	34.12 0.40 0.00	30.09 0.59 0.00	28.31 0.64 0.00	27.96 0.55 0.00	27.82 0.52 0.00	27.82 0.49 0.00	27.58 0.35 0.00	27.89 0.47 0.00	31.39 0.52 0.00	33.77 0.47 0.07	35.38 0.70 0.49	37.26 0.63 0.60	40.61 0.69 0.83	40.78 0.61 0.83	42.07 0.59 0.94	48.02 0.87 1.40	52.83 0.86 1.73	60.22 0.98 2.17	59.24 0.91 2.07	49.28 0.79 0.94	42.53 0.59 0.48	38.25 0.72 0.53	35.88 0.67 0.06	31.87 0.44 0.08
BETHLEHEM___GS1 323560	34.13 0.41 0.00	30.00 0.50 0.00	28.22 0.55 0.00	28.04 0.63 0.00	27.85 0.55 0.00	27.84 0.52 0.00	27.72 0.49 0.00	27.86 0.44 0.00	31.39 0.52 0.00	33.80 0.50 0.07	35.38 0.70 0.49	37.26 0.63 0.60	40.65 0.73 0.83	40.78 0.62 0.83	42.11 0.64 0.94	47.97 0.82 1.40	52.88 0.91 1.73	60.22 0.98 2.17	59.30 0.96 2.07	49.27 0.79 0.94	42.57 0.64 0.48	38.25 0.72 0.53	35.84 0.64 0.06	31.87 0.44 0.08
BETHLEHEM___GS2 323561	34.13 0.41 0.00	30.00 0.50 0.00	28.22 0.55 0.00	28.04 0.63 0.00	27.85 0.55 0.00	27.84 0.52 0.00	27.72 0.49 0.00	27.86 0.44 0.00	31.39 0.52 0.00	33.80 0.50 0.07	35.38 0.70 0.49	37.26 0.63 0.60	40.65 0.73 0.83	40.78 0.62 0.83	42.11 0.64 0.94	47.97 0.82 1.40	52.88 0.91 1.73	60.22 0.98 2.17	59.30 0.96 2.07	49.27 0.79 0.94	42.57 0.64 0.48	38.25 0.72 0.53	35.84 0.64 0.06	31.87 0.44 0.08
BETHLEHEM___GS3 323562	34.13 0.41 0.00	30.00 0.50 0.00	28.22 0.55 0.00	28.04 0.63 0.00	27.85 0.55 0.00	27.84 0.52 0.00	27.72 0.49 0.00	27.86 0.44 0.00	31.39 0.52 0.00	33.80 0.50 0.07	35.38 0.70 0.49	37.26 0.63 0.60	40.65 0.73 0.83	40.78 0.62 0.83	42.11 0.64 0.94	47.97 0.82 1.40	52.88 0.91 1.73	60.22 0.98 2.17	59.30 0.96 2.07	49.27 0.79 0.94	42.57 0.64 0.48	38.25 0.72 0.53	35.84 0.64 0.06	31.87 0.44 0.08
BETHLEHEM___STEEL 23779	34.60 0.88 0.00	29.65 0.15 0.00	27.53 -0.14 0.00	26.83 -0.58 0.00	26.59 -0.71 0.00	26.70 -0.63 0.00	26.71 -0.52 0.00	27.31 -0.11 0.00	30.93 0.06 0.00	33.37 0.00 0.00	35.80 0.63 0.00	37.94 0.71 0.00	41.80 1.06 0.00	42.19 1.19 0.00	43.64 1.23 0.00	49.03 0.49 0.00	54.24 0.54 0.00	62.58 1.17 0.00	61.86 1.45 0.00	50.96 1.53 0.00	43.90 1.48 0.00	38.52 0.46 0.00	35.80 0.53 0.00	31.54 0.03 0.00
BETHLHEM_115KV_TB1 79974	34.23 0.51 0.00	30.15 0.65 0.00	28.33 0.66 0.00	28.01 0.60 0.00	27.85 0.55 0.00	27.87 0.55 0.00	27.64 0.41 0.00	27.94 0.52 0.00	31.45 0.59 0.00	33.87 0.57 0.07	35.51 0.81 0.46	37.41 0.74 0.57	40.78 0.81 0.78	40.95 0.74 0.79	42.24 0.72 0.89	48.19 0.97 1.32	53.08 1.02 1.64	60.46 1.11 2.05	59.53 1.09 1.96	49.48 0.94 0.89	42.68 0.72 0.46	38.40 0.84 0.50	35.99 0.78 0.06	31.94 0.50 0.07
BETHPAGE_CC_5 323564	46.80 2.97 -10.11	45.76 2.57 -13.70	42.35 2.32 -12.36	38.92 2.27 -9.23	33.12 2.16 -3.66	34.25 2.19 -4.73	33.46 2.34 -3.89	32.48 2.55 -2.50	40.91 2.93 -7.11	46.40 3.24 -9.80	42.12 3.90 -3.05	65.97 4.13 -24.60	74.45 4.52 -29.18	60.78 4.51 -15.28	75.68 4.79 -28.48	66.83 5.77 -12.51	79.08 6.44 -18.93	76.05 6.94 -7.70	73.19 6.59 -6.20	60.05 4.79 -5.83	48.16 4.07 -1.67	46.18 4.03 -4.09	41.74 3.78 -2.70	41.25 3.06 -6.69
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	34.70 0.98 0.00	29.73 0.24 0.00	27.64 -0.03 0.00	26.92 -0.49 0.00	26.70 -0.60 0.00	26.81 -0.52 0.00	26.79 -0.44 0.00	27.42 0.00 0.00	31.08 0.22 0.00	33.50 0.13 0.00	35.97 0.81 0.00	38.13 0.89 0.00	42.01 1.26 0.00	42.39 1.39 0.00	43.85 1.44 0.00	49.32 0.78 0.00	54.56 0.86 0.00	62.88 1.47 0.00	62.22 1.81 0.00	51.20 1.78 0.00	44.11 1.70 0.00	38.71 0.65 0.00	35.94 0.67 0.00	31.64 0.13 0.00

BINGHAMTON___COGEN 23790	34.83 0.81 -0.30	30.07 0.56 -0.01	28.08 0.42 0.00	27.63 0.22 0.00	27.46 0.16 0.00	27.52 0.19 0.00	27.44 0.22 0.00	27.91 0.49 0.00	31.59 0.62 -0.10	34.32 0.67 -0.28	36.67 0.98 -0.52	39.05 1.15 -0.67	43.00 1.34 -0.91	43.28 1.35 -0.93	44.84 1.40 -1.03	51.39 1.41 -1.44	56.88 1.61 -1.57	65.19 2.03 -1.75	64.14 2.11 -1.62	52.15 1.83 -0.90	44.54 1.61 -0.51	39.51 1.10 -0.35	36.66 1.02 -0.37	32.14 0.63 0.00
BIXINCNT_115KV_LOAD 355685	34.97 1.25 0.00	29.97 0.47 0.00	27.86 0.19 0.00	27.11 -0.30 0.00	26.92 -0.38 0.00	27.05 -0.27 0.00	27.06 -0.16 0.00	27.78 0.36 0.00	31.45 0.59 0.00	33.90 0.53 0.00	36.33 1.16 0.00	38.57 1.34 0.00	42.50 1.75 0.00	42.88 1.89 0.00	44.32 1.91 0.00	49.90 1.36 0.00	55.20 1.50 0.00	63.62 2.21 0.00	63.00 2.60 0.00	51.89 2.47 0.00	44.66 2.25 0.00	39.05 0.99 0.00	36.22 0.95 0.00	31.86 0.35 0.00
BLACK RIVER___HYD 24047	35.33 0.94 -0.67	30.16 0.65 -0.02	28.17 0.50 0.00	27.85 0.44 0.00	27.71 0.41 0.00	27.74 0.41 0.00	27.72 0.49 0.00	27.94 0.52 0.00	31.59 0.49 -0.23	34.63 0.63 -0.62	36.87 0.56 -1.14	39.15 0.45 -1.47	43.12 0.37 -2.01	43.51 0.45 -2.06	45.11 0.42 -2.27	52.14 0.44 -3.17	57.70 0.54 -3.46	66.50 1.23 -3.86	65.79 1.81 -3.58	53.39 1.98 -1.99	45.40 1.86 -1.12	40.43 1.60 -0.77	37.36 1.27 -0.82	32.39 0.88 0.00
BLACKRVR_115KV_TB2 79977	35.33 0.94 -0.67	30.14 0.62 -0.02	28.14 0.47 0.00	27.79 0.38 0.00	27.68 0.38 0.00	27.68 0.36 0.00	27.64 0.41 0.00	27.91 0.49 0.00	31.59 0.49 -0.23	34.63 0.63 -0.62	36.87 0.56 -1.14	39.15 0.45 -1.47	43.12 0.37 -2.01	43.51 0.45 -2.06	45.15 0.47 -2.27	52.14 0.44 -3.17	57.75 0.59 -3.46	66.50 1.23 -3.86	65.85 1.87 -3.58	53.39 1.98 -1.99	45.45 1.91 -1.12	40.47 1.64 -0.77	37.32 1.23 -0.82	32.39 0.88 0.00
BLISS_WT_PWR 323608	34.93 1.21 0.00	29.94 0.44 0.00	27.86 0.20 0.00	27.16 -0.25 0.00	26.94 -0.36 0.00	27.11 -0.22 0.00	27.58 0.35 0.00	28.02 0.60 0.00	31.48 0.62 0.00	33.94 0.57 0.00	36.47 1.30 0.00	38.61 1.38 0.00	42.25 1.51 0.00	42.80 1.80 0.00	44.23 1.82 0.00	49.76 1.21 0.00	54.61 0.91 0.00	63.50 2.09 0.00	62.70 2.29 0.00	51.89 2.47 0.00	44.45 2.04 0.00	39.01 0.95 0.00	36.40 1.13 0.00	31.82 0.32 0.00
BLUESTONE___WT_PWR 323821	36.88 2.90 -0.26	31.75 2.24 -0.01	29.61 1.94 0.00	29.25 1.84 0.00	29.02 1.72 0.00	29.08 1.75 0.00	29.19 1.96 0.00	29.59 2.17 0.00	33.39 2.44 -0.09	36.35 2.74 -0.24	38.60 2.99 -0.45	41.16 3.35 -0.58	45.32 3.79 -0.79	45.57 3.77 -0.80	47.16 3.86 -0.89	54.15 4.37 -1.24	59.89 4.84 -1.35	69.06 6.14 -1.51	68.03 6.22 -1.40	55.44 5.24 -0.78	47.31 4.45 -0.44	42.09 3.73 -0.30	38.83 3.24 -0.32	34.00 2.49 0.00
BLUE_CIRC_CHEM_DRP 24182	34.66 0.94 0.00	30.47 0.97 0.00	28.64 0.97 0.00	28.31 0.90 0.00	28.15 0.85 0.00	28.15 0.82 0.00	27.93 0.71 0.00	28.19 0.77 0.00	31.70 0.83 0.00	34.12 0.80 0.05	35.83 0.98 0.32	37.65 0.82 0.40	41.10 0.90 0.55	41.19 0.74 0.55	42.55 0.76 0.62	48.69 1.07 0.92	53.74 1.18 1.14	61.39 1.41 1.44	60.55 1.51 1.37	50.19 1.38 0.62	43.24 1.15 0.32	38.93 1.22 0.35	36.36 1.13 0.04	32.31 0.85 0.05
BOC_GAS_DRP 24189	34.39 0.67 0.00	30.24 0.74 0.00	28.42 0.75 0.00	28.07 0.66 0.00	27.93 0.63 0.00	27.96 0.63 0.00	27.74 0.52 0.00	28.05 0.63 0.00	31.57 0.71 0.00	34.06 0.73 0.05	35.87 1.02 0.31	37.81 0.97 0.39	41.27 1.06 0.53	41.45 0.98 0.54	42.87 1.06 0.61	48.95 1.31 0.90	53.98 1.40 1.12	61.54 1.54 1.40	60.52 1.45 1.34	50.00 1.19 0.60	43.04 0.93 0.31	38.75 1.03 0.34	36.22 0.99 0.04	32.15 0.69 0.05
BOONVILLE_115KV_TB1 79983	35.09 1.18 -0.19	30.39 0.88 0.00	28.44 0.77 0.00	28.12 0.71 0.00	27.98 0.68 0.00	28.01 0.68 0.00	27.91 0.68 0.00	28.27 0.85 0.00	31.89 0.96 -0.06	34.65 1.10 -0.18	36.65 1.16 -0.32	38.91 1.27 -0.41	42.74 1.43 -0.57	42.97 1.39 -0.58	44.49 1.44 -0.64	51.08 1.65 -0.89	56.50 1.83 -0.97	64.95 2.46 -1.09	63.95 2.54 -1.01	52.16 2.17 -0.56	44.64 1.91 -0.32	39.91 1.64 -0.22	36.84 1.34 -0.23	32.55 1.04 0.00
BORALEX_4TH_BRANCH 23824	35.07 1.35 0.00	30.94 1.45 0.00	29.03 1.36 0.00	28.67 1.26 0.00	28.50 1.20 0.00	28.50 1.18 0.00	28.26 1.03 0.00	28.65 1.23 0.00	32.22 1.36 0.00	34.55 1.37 0.18	35.56 1.65 1.26	37.47 1.79 1.55	40.53 1.92 2.13	40.75 1.89 2.14	41.95 1.95 2.41	47.27 2.33 3.60	51.83 2.58 4.45	58.71 2.89 5.59	57.91 2.84 5.33	49.38 2.37 2.41	43.08 1.91 1.24	38.60 1.90 1.36	36.87 1.76 0.16	32.63 1.32 0.20
BOWLINE___1 23526	35.67 1.95 0.00	31.27 1.77 0.00	29.25 1.58 0.00	28.89 1.48 0.00	28.69 1.39 0.00	28.75 1.42 0.00	28.78 1.55 0.00	29.15 1.73 0.00	32.90 2.04 0.00	35.69 2.24 -0.08	38.53 2.81 -0.55	40.89 2.98 -0.68	44.90 3.22 -0.94	45.14 3.20 -0.94	46.91 3.43 -1.06	54.30 4.18 -1.59	60.33 4.67 -1.96	68.84 4.97 -2.46	67.41 4.65 -2.35	53.94 3.46 -1.06	45.81 2.84 -0.55	41.55 2.89 -0.60	38.02 2.68 -0.07	33.74 2.14 -0.09
BOWLINE___2 23595	35.64 1.92 0.00	31.27 1.77 0.00	29.25 1.58 0.00	28.89 1.48 0.00	28.69 1.39 0.00	28.75 1.42 0.00	28.78 1.55 0.00	29.15 1.73 0.00	32.90 2.04 0.00	35.65 2.20 -0.08	38.50 2.78 -0.55	40.85 2.94 -0.68	44.90 3.22 -0.94	45.14 3.20 -0.94	46.91 3.43 -1.06	54.30 4.18 -1.59	60.33 4.67 -1.96	68.84 4.97 -2.46	67.47 4.71 -2.35	53.95 3.46 -1.06	45.81 2.84 -0.55	41.52 2.86 -0.60	37.99 2.65 -0.07	33.71 2.11 -0.09
BRADY___115KV_TB2 356060	33.21 -0.51 0.00	29.06 -0.44 0.00	27.31 -0.36 0.00	27.22 -0.19 0.00	27.16 -0.14 0.00	27.24 -0.08 0.00	27.25 0.03 0.00	27.04 -0.38 0.00	30.34 -0.52 0.00	32.77 -0.60 0.00	34.04 -1.13 0.00	35.97 -1.27 0.00	39.32 -1.43 0.00	39.73 -1.27 0.00	41.10 -1.31 0.00	47.09 -1.46 0.00	52.09 -1.61 0.00	59.69 -1.72 0.00	58.84 -1.57 0.00	48.24 -1.19 0.00	41.61 -0.81 0.00	37.18 -0.88 0.00	34.39 -0.88 0.00	30.97 -0.54 0.00
BRANSCOMB___SOLAR 323811	35.44 1.72 0.00	31.09 1.59 0.00	29.11 1.44 0.00	28.83 1.42 0.00	28.61 1.31 0.00	28.67 1.34 0.00	28.53 1.31 0.00	28.71 1.29 0.00	32.44 1.57 0.00	34.94 1.67 0.09	36.35 1.83 0.65	38.48 2.05 0.80	41.85 2.20 1.09	41.87 1.97 1.10	43.08 1.91 1.24	49.07 2.38 1.85	54.20 2.79 2.29	61.91 3.38 2.87	61.35 3.69 2.74	51.30 3.12 1.24	44.41 2.63 0.64	39.68 2.32 0.70	37.27 2.08 0.08	33.04 1.64 0.10
BRENTWOD_69_KV_W. BRTWOOD 56703	47.24 3.41 -10.11	46.21 3.01 -13.70	42.71 2.68 -12.36	39.05 2.41 -9.23	33.37 2.40 -3.66	34.46 2.40 -4.73	33.51 2.40 -3.89	32.75 2.82 -2.50	41.15 3.18 -7.11	46.74 3.57 -9.80	42.93 4.22 -3.54	66.33 4.47 -24.63	74.61 4.69 -29.18	94.76 4.55 -49.21	105.61 4.88 -58.33	104.66 5.83 -50.29	116.64 6.50 -56.44	111.89 7.06 -43.42	109.93 6.64 -42.88	92.09 5.19 -37.47	59.26 4.33 -12.52	53.86 4.41 -11.38	42.32 4.13 -2.92	41.63 3.43 -6.69

BRISTLHL_115KV_TB1 79998	35.02 -0.17 -1.47	29.24 -0.29 -0.04	27.37 -0.30 0.00	27.00 -0.41 0.00	26.86 -0.44 0.00	26.89 -0.44 0.00	26.79 -0.44 0.00	27.15 -0.27 0.00	31.09 -0.28 -0.51	34.51 -0.23 -1.37	37.57 -0.11 -2.51	40.44 -0.04 -3.24	45.13 -0.04 -4.43	45.44 -0.08 -4.53	47.24 -0.17 -5.00	55.16 -0.34 -6.96	60.99 -0.32 -7.61	69.66 -0.25 -8.49	68.15 -0.12 -7.87	53.80 0.00 -4.38	44.97 0.08 -2.47	39.69 -0.08 -1.70	37.04 -0.04 -1.80	31.32 -0.19 0.00
BROOKHAVEN___DRP 24191	47.20 3.37 -10.11	46.12 2.92 -13.70	42.60 2.57 -12.36	38.97 2.33 -9.23	33.34 2.38 -3.66	34.44 2.38 -4.73	33.49 2.37 -3.89	32.64 2.71 -2.50	41.06 3.09 -7.11	46.70 3.54 -9.80	44.96 4.25 -5.54	66.45 4.62 -24.60	74.95 5.01 -29.19	234.29 5.00 -188.29	228.34 5.26 -180.67	259.99 6.31 -205.14	270.86 6.98 -210.17	258.90 7.68 -189.81	260.95 7.31 -193.23	222.33 5.73 -167.17	104.06 4.67 -56.98	83.97 4.61 -41.31	43.30 4.20 -3.83	41.61 3.40 -6.70
BROOKLYN_NAVY_YARD 23515	36.38 2.66 0.00	31.80 2.30 0.00	29.75 2.08 0.00	29.36 1.95 0.00	29.13 1.83 0.00	29.16 1.83 0.00	29.24 2.01 0.00	29.67 2.25 0.00	33.49 2.62 0.00	36.43 2.97 -0.09	39.42 3.66 -0.60	42.61 3.94 -1.43	46.07 4.32 -1.01	46.32 4.30 -1.02	48.05 4.49 -1.15	55.74 5.48 -1.71	61.88 6.07 -2.11	70.57 6.51 -2.66	69.04 6.10 -2.53	55.11 4.54 -1.15	46.87 3.86 -0.59	42.51 3.81 -0.65	38.87 3.53 -0.08	34.44 2.84 -0.10
BROOKLYN___ARMY_DRP 323595	56.48 2.97 -19.79	32.11 2.60 -0.02	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.35 2.02 0.00	29.19 1.96 0.00	29.89 2.47 0.00	33.70 2.84 0.00	55.84 3.24 -19.23	55.29 3.94 -16.18	50.63 4.28 -9.12	47.39 4.69 -1.96	80.82 4.63 -35.19	89.23 4.83 -41.99	86.15 5.78 -31.84	81.27 6.12 -21.45	132.47 6.63 -64.43	140.38 6.16 -73.81	77.49 4.94 -23.12	77.39 4.24 -30.73	77.47 4.19 -35.22	54.17 3.88 -15.02	50.49 3.06 -15.92
BROOKVLE_69_KV_TB1 55790	47.04 3.20 -10.11	46.00 2.80 -13.70	42.63 2.60 -12.36	38.97 2.33 -9.23	33.23 2.27 -3.66	34.33 2.27 -4.73	33.35 2.23 -3.89	32.64 2.71 -2.50	41.12 3.15 -7.11	46.60 3.44 -9.80	42.42 4.25 -3.00	66.41 4.58 -24.60	74.89 4.97 -29.18	57.89 5.00 -11.89	73.25 5.34 -25.50	63.59 6.31 -8.74	75.82 6.93 -15.19	73.10 7.55 -4.14	70.07 7.13 -2.53	57.63 5.54 -2.67	47.50 4.50 -0.59	45.83 4.41 -3.36	42.14 4.20 -2.67	41.57 3.37 -6.69
BROOME_2_LFGE 323671	34.83 0.81 -0.30	30.04 0.53 -0.01	28.09 0.42 0.00	27.71 0.30 0.00	27.52 0.22 0.00	27.60 0.27 0.00	27.69 0.46 0.00	27.97 0.55 0.00	31.59 0.62 -0.10	34.35 0.70 -0.28	36.70 1.02 -0.52	39.06 1.16 -0.67	42.96 1.30 -0.91	43.28 1.35 -0.93	44.84 1.40 -1.03	51.39 1.41 -1.44	56.77 1.50 -1.57	65.18 2.02 -1.75	64.08 2.05 -1.62	52.16 1.83 -0.90	44.45 1.52 -0.51	39.51 1.10 -0.35	36.70 1.06 -0.37	32.14 0.63 0.00
BROOME___LFGE 323600	34.83 0.81 -0.30	30.04 0.53 -0.01	28.09 0.42 0.00	27.71 0.30 0.00	27.52 0.22 0.00	27.60 0.27 0.00	27.69 0.46 0.00	27.97 0.55 0.00	31.59 0.62 -0.10	34.35 0.70 -0.28	36.70 1.02 -0.52	39.06 1.16 -0.67	42.96 1.30 -0.91	43.28 1.35 -0.93	44.84 1.40 -1.03	51.39 1.41 -1.44	56.77 1.50 -1.57	65.18 2.02 -1.75	64.08 2.05 -1.62	52.16 1.83 -0.90	44.45 1.52 -0.51	39.51 1.10 -0.35	36.70 1.06 -0.37	32.14 0.63 0.00
BROWNFLS_115KV_TB_3_5 80003	33.92 -0.07 -0.27	29.36 -0.15 -0.01	27.50 -0.17 0.00	27.30 -0.11 0.00	27.25 -0.05 0.00	27.27 -0.05 0.00	27.25 0.03 0.00	27.31 -0.11 0.00	30.77 -0.19 -0.09	33.45 -0.17 -0.25	35.20 -0.42 -0.46	37.30 -0.52 -0.59	40.94 -0.61 -0.81	41.33 -0.49 -0.83	42.78 -0.55 -0.92	49.19 -0.63 -1.28	54.40 -0.70 -1.39	62.47 -0.49 -1.56	61.67 -0.18 -1.44	50.23 0.00 -0.80	43.04 0.17 -0.45	38.41 0.04 -0.31	35.49 -0.11 -0.33	31.45 -0.06 0.00
BROWNSV1_27_KV_LOAD 356125	36.72 3.00 0.00	32.15 2.65 0.00	30.02 2.35 0.00	29.49 2.08 0.00	29.32 2.02 0.00	29.32 1.99 0.00	29.24 2.01 0.00	29.94 2.52 0.00	33.77 2.90 0.00	36.73 3.27 -0.09	39.77 4.01 -0.60	43.02 4.36 -1.43	46.48 4.73 -1.01	46.73 4.71 -1.02	48.52 4.96 -1.15	56.27 6.02 -1.71	62.37 6.55 -2.11	71.13 7.06 -2.66	69.58 6.64 -2.53	55.71 5.14 -1.15	47.33 4.33 -0.59	42.97 4.26 -0.65	39.30 3.95 -0.08	34.76 3.15 -0.10
BURROWS___LYONSDAL 23803	35.06 1.11 -0.23	30.33 0.83 -0.01	28.36 0.69 0.00	28.04 0.63 0.00	27.93 0.63 0.00	27.96 0.63 0.00	27.85 0.63 0.00	28.19 0.77 0.00	31.81 0.86 -0.08	34.55 0.97 -0.21	36.54 0.98 -0.39	38.82 1.08 -0.50	42.66 1.22 -0.69	42.93 1.23 -0.70	44.42 1.23 -0.78	51.03 1.41 -1.08	56.44 1.56 -1.18	64.88 2.15 -1.32	63.98 2.36 -1.22	52.18 2.08 -0.68	44.62 1.82 -0.38	39.88 1.56 -0.26	36.82 1.27 -0.28	32.49 0.98 0.00
CAITHNESS_CC_1 323624	47.17 3.34 -10.11	46.03 2.83 -13.70	42.52 2.49 -12.36	39.05 2.41 -9.23	33.31 2.35 -3.66	34.47 2.41 -4.73	33.68 2.56 -3.89	32.61 2.69 -2.50	41.03 3.06 -7.11	46.70 3.54 -9.80	44.87 4.18 -5.53	66.34 4.50 -24.60	74.86 4.93 -29.19	233.17 4.92 -187.25	227.34 5.17 -179.76	258.69 6.17 -203.99	269.66 6.93 -209.03	257.68 7.55 -188.72	259.77 7.25 -192.12	220.97 5.34 -166.21	103.65 4.58 -56.65	83.59 4.45 -41.08	43.15 4.05 -3.83	41.58 3.37 -6.70
CALPINE BETH_PAGE_GT4 24209	46.83 3.00 -10.11	45.88 2.68 -13.70	42.43 2.41 -12.36	38.86 2.22 -9.23	33.15 2.18 -3.66	34.25 2.19 -4.73	33.27 2.15 -3.89	32.56 2.63 -2.50	40.97 2.99 -7.11	46.40 3.24 -9.80	42.14 3.94 -3.04	65.96 4.13 -24.60	74.41 4.48 -29.18	59.96 4.47 -14.49	74.99 4.79 -27.79	65.91 5.73 -11.64	78.10 6.34 -18.06	75.16 6.88 -6.87	72.21 6.46 -5.35	59.51 4.99 -5.10	47.91 4.07 -1.42	46.05 4.07 -3.92	41.84 3.88 -2.69	41.28 3.09 -6.69
CALPINE_BETH_PAGE_GT_4 323586	46.83 3.00 -10.11	45.79 2.60 -13.70	42.38 2.35 -12.36	38.97 2.33 -9.23	33.17 2.21 -3.66	34.30 2.24 -4.73	33.51 2.40 -3.89	32.50 2.58 -2.50	40.97 2.99 -7.11	46.44 3.27 -9.80	42.18 3.97 -3.04	65.96 4.13 -24.60	74.45 4.52 -29.18	60.00 4.51 -14.49	75.03 4.83 -27.79	65.95 5.77 -11.64	78.21 6.44 -18.06	75.22 6.94 -6.87	72.34 6.59 -5.35	59.32 4.79 -5.10	47.95 4.11 -1.42	46.01 4.03 -3.92	41.81 3.85 -2.69	41.29 3.09 -6.69
CALPINE_BP_GT1 23823	46.83 3.00 -10.11	45.79 2.60 -13.70	42.38 2.35 -12.36	38.97 2.33 -9.23	33.17 2.21 -3.66	34.30 2.24 -4.73	33.51 2.40 -3.89	32.50 2.58 -2.50	40.97 2.99 -7.11	46.44 3.27 -9.80	42.18 3.97 -3.04	65.96 4.13 -24.60	74.45 4.52 -29.18	60.00 4.51 -14.49	75.03 4.83 -27.79	65.95 5.77 -11.64	78.21 6.44 -18.06	75.22 6.94 -6.87	72.34 6.59 -5.35	59.32 4.79 -5.10	47.95 4.11 -1.42	46.01 4.03 -3.92	41.81 3.85 -2.69	41.29 3.09 -6.69
CALSPAN___DRP 24200	34.60 0.88 0.00	29.65 0.15 0.00	27.53 -0.14 0.00	26.83 -0.58 0.00	26.59 -0.71 0.00	26.70 -0.63 0.00	26.71 -0.52 0.00	27.31 -0.11 0.00	30.93 0.06 0.00	33.37 0.00 0.00	35.80 0.63 0.00	37.94 0.71 0.00	41.80 1.06 0.00	42.19 1.19 0.00	43.64 1.23 0.00	49.03 0.49 0.00	54.24 0.54 0.00	62.58 1.17 0.00	61.86 1.45 0.00	50.96 1.53 0.00	43.90 1.48 0.00	38.52 0.46 0.00	35.80 0.53 0.00	31.54 0.03 0.00

CALVERTON___SOLAR 323806	47.31 3.47 -10.11	46.12 2.92 -13.70	42.60 2.57 -12.36	39.14 2.49 -9.23	33.42 2.46 -3.66	34.57 2.51 -4.73	33.79 2.67 -3.89	32.67 2.74 -2.50	41.12 3.15 -7.11	46.84 3.67 -9.80	45.14 4.43 -5.55	66.64 4.80 -24.60	75.19 5.26 -29.19	235.02 5.29 -188.73	228.97 5.51 -181.05	260.72 6.55 -205.63	271.71 7.36 -210.66	259.73 8.04 -190.27	261.91 7.80 -193.71	222.74 5.73 -167.58	104.50 4.96 -57.12	84.22 4.76 -41.40	43.37 4.27 -3.83	41.73 3.53 -6.70
CANDIGU_WT_PWR 323617	34.93 1.05 -0.17	29.97 0.47 0.00	27.95 0.28 0.00	27.38 -0.03 0.00	27.16 -0.14 0.00	27.27 -0.05 0.00	27.58 0.35 0.00	27.94 0.52 0.00	31.41 0.49 -0.06	33.99 0.47 -0.16	36.47 1.02 -0.29	38.68 1.08 -0.37	42.39 1.14 -0.51	42.74 1.23 -0.52	44.21 1.23 -0.57	50.16 0.82 -0.79	55.32 0.75 -0.87	64.04 1.66 -0.97	63.18 1.87 -0.90	51.95 2.03 -0.50	44.40 1.70 -0.28	39.24 0.99 -0.19	36.50 1.02 -0.21	31.82 0.32 0.00
CARR STREET_E_SYR 24060	34.13 -0.03 -0.44	29.39 -0.12 -0.01	27.53 -0.14 0.00	27.19 -0.22 0.00	27.03 -0.27 0.00	27.08 -0.25 0.00	27.09 -0.14 0.00	27.31 -0.11 0.00	30.89 -0.12 -0.15	33.71 -0.07 -0.41	36.06 0.14 -0.75	38.39 0.19 -0.97	42.16 0.08 -1.33	42.48 0.12 -1.36	44.00 0.08 -1.50	50.54 -0.10 -2.09	55.88 -0.11 -2.29	64.08 0.12 -2.55	62.95 0.18 -2.36	50.94 0.20 -1.32	43.33 0.17 -0.74	38.57 0.00 -0.51	35.99 0.18 -0.54	31.45 -0.06 0.00
CARTHAGE___PAPER 23857	35.02 0.74 -0.56	30.01 0.50 -0.01	28.03 0.36 0.00	27.74 0.33 0.00	27.63 0.33 0.00	27.66 0.33 0.00	27.64 0.41 0.00	27.83 0.41 0.00	31.43 0.37 -0.19	34.36 0.47 -0.52	36.44 0.32 -0.96	38.70 0.22 -1.24	42.56 0.12 -1.69	42.98 0.25 -1.73	44.54 0.21 -1.91	51.40 0.19 -2.66	56.88 0.27 -2.91	65.58 0.92 -3.25	64.86 1.45 -3.01	52.73 1.63 -1.68	44.88 1.52 -0.94	40.01 1.29 -0.65	36.95 0.99 -0.69	32.20 0.69 0.00
CASSADAGA_WT_PWR 323784	35.44 1.72 0.00	30.38 0.88 0.00	28.25 0.58 0.00	27.58 0.17 0.00	27.27 -0.03 0.00	27.38 0.05 0.00	27.85 0.63 0.00	28.32 0.90 0.00	31.88 1.02 0.00	34.41 1.04 0.00	36.99 1.83 0.00	39.09 1.86 0.00	42.66 1.92 0.00	43.17 2.17 0.00	44.49 2.08 0.00	50.05 1.51 0.00	54.99 1.29 0.00	64.11 2.70 0.00	63.36 2.96 0.00	52.39 2.97 0.00	44.88 2.46 0.00	39.35 1.29 0.00	36.58 1.31 0.00	31.79 0.28 0.00
CE_DUNWOOD___DRP 24194	36.01 2.29 0.00	31.56 2.06 0.00	29.52 1.85 0.00	29.03 1.62 0.00	28.88 1.58 0.00	28.91 1.58 0.00	28.78 1.55 0.00	29.42 2.00 0.00	33.15 2.28 0.00	35.99 2.54 -0.09	38.92 3.16 -0.59	41.39 3.43 -0.73	45.46 3.71 -1.01	45.74 3.73 -1.01	47.54 3.99 -1.14	55.05 4.81 -1.71	61.07 5.26 -2.11	69.77 5.71 -2.65	68.25 5.32 -2.53	54.67 4.10 -1.14	46.31 3.31 -0.59	42.02 3.31 -0.65	38.42 3.07 -0.08	34.00 2.39 -0.10
CE_MILLWOOD___DRP 24193	35.91 2.19 0.00	31.48 1.98 0.00	29.44 1.77 0.00	28.97 1.56 0.00	28.80 1.50 0.00	28.83 1.50 0.00	28.70 1.47 0.00	29.34 1.92 0.00	33.06 2.19 0.00	35.89 2.44 -0.09	38.81 3.06 -0.59	41.27 3.31 -0.73	45.33 3.59 -1.00	45.61 3.61 -1.00	47.41 3.86 -1.13	54.89 4.66 -1.69	60.89 5.10 -2.09	69.50 5.47 -2.63	68.05 5.13 -2.51	54.51 3.95 -1.13	46.18 3.18 -0.58	41.90 3.20 -0.64	38.31 2.96 -0.08	33.90 2.30 -0.10
CE_NYC2_DRP 24202	36.49 2.77 -0.01	31.95 2.45 0.00	29.86 2.19 -0.01	29.33 1.92 0.00	29.16 1.86 0.00	29.18 1.86 0.00	29.08 1.85 0.00	29.78 2.36 0.00	33.55 2.69 0.00	36.50 3.04 -0.10	41.70 3.73 -2.80	42.70 4.02 -1.45	46.12 4.36 -1.02	46.41 4.39 -1.02	48.10 4.54 -1.15	55.69 5.44 -1.71	61.51 5.69 -2.11	70.21 6.14 -2.66	68.68 5.74 -2.53	55.17 4.60 -1.15	46.95 3.94 -0.59	42.64 3.92 -0.66	39.02 3.67 -0.09	34.51 2.90 -0.10
CE_NYC_DRP 24195	36.38 2.66 0.00	31.89 2.39 0.00	29.77 2.10 0.00	29.25 1.84 0.00	29.07 1.77 0.00	29.10 1.78 0.00	29.00 1.77 0.00	29.70 2.28 0.00	33.49 2.62 0.00	36.39 2.94 -0.09	39.38 3.62 -0.60	42.60 3.95 -1.43	46.03 4.28 -1.01	46.28 4.26 -1.02	48.05 4.50 -1.15	55.69 5.44 -1.71	61.72 5.91 -2.11	70.39 6.33 -2.66	68.86 5.92 -2.53	55.17 4.60 -1.15	46.82 3.82 -0.59	42.51 3.81 -0.65	38.91 3.56 -0.08	34.41 2.80 -0.10
CHAFFEE___LFGE 323603	34.66 0.94 0.00	29.71 0.21 0.00	27.61 -0.06 0.00	26.97 -0.44 0.00	26.70 -0.60 0.00	26.84 -0.49 0.00	27.25 0.03 0.00	27.67 0.25 0.00	31.05 0.19 0.00	33.50 0.13 0.00	36.08 0.91 0.00	38.12 0.89 0.00	41.72 0.98 0.00	42.31 1.31 0.00	43.77 1.36 0.00	49.17 0.63 0.00	53.92 0.22 0.00	62.76 1.35 0.00	61.92 1.51 0.00	51.20 1.78 0.00	43.90 1.48 0.00	38.71 0.65 0.00	36.15 0.88 0.00	31.64 0.13 0.00
CHATEAUG_35_KV_LOAD 355732	33.42 -0.30 0.00	29.26 -0.24 0.00	27.50 -0.17 0.00	27.41 0.00 0.00	27.35 0.05 0.00	27.44 0.11 0.00	27.44 0.22 0.00	27.28 -0.14 0.00	30.62 -0.25 0.00	33.10 -0.27 0.00	34.46 -0.70 0.00	36.38 -0.86 0.00	39.77 -0.98 0.00	40.18 -0.82 0.00	41.56 -0.85 0.00	47.57 -0.97 0.00	52.63 -1.07 0.00	60.24 -1.17 0.00	59.26 -1.15 0.00	48.43 -0.99 0.00	41.74 -0.68 0.00	37.22 -0.84 0.00	34.42 -0.85 0.00	31.04 -0.47 0.00
CHATEAUG_WT_PWR 323614	33.49 -0.23 0.00	29.32 -0.18 0.00	27.56 -0.11 0.00	27.30 -0.11 0.00	27.30 0.00 0.00	27.33 0.00 0.00	27.17 -0.05 0.00	27.31 -0.11 0.00	30.68 -0.18 0.00	33.14 -0.23 0.00	34.53 -0.63 0.00	36.49 -0.74 0.00	39.89 -0.86 0.00	40.30 -0.70 0.00	41.69 -0.72 0.00	47.76 -0.78 0.00	52.84 -0.86 0.00	60.37 -1.04 0.00	59.32 -1.09 0.00	48.54 -0.89 0.00	41.82 -0.59 0.00	37.30 -0.76 0.00	34.49 -0.78 0.00	31.07 -0.44 0.00
CHAT_HIGH_FALL_HYD 323578	33.42 -0.30 0.00	29.26 -0.24 0.00	27.50 -0.17 0.00	27.41 0.00 0.00	27.35 0.05 0.00	27.44 0.11 0.00	27.44 0.22 0.00	27.28 -0.14 0.00	30.62 -0.25 0.00	33.10 -0.27 0.00	34.46 -0.70 0.00	36.38 -0.86 0.00	39.77 -0.98 0.00	40.18 -0.82 0.00	41.56 -0.85 0.00	47.57 -0.97 0.00	52.63 -1.07 0.00	60.24 -1.17 0.00	59.26 -1.15 0.00	48.43 -0.99 0.00	41.74 -0.68 0.00	37.22 -0.84 0.00	34.42 -0.85 0.00	31.04 -0.47 0.00
CHAUTAUQUA___LFGE 323629	35.10 1.38 0.00	30.09 0.59 0.00	28.00 0.33 0.00	27.36 -0.05 0.00	27.05 -0.25 0.00	27.19 -0.14 0.00	27.64 0.41 0.00	28.08 0.66 0.00	31.54 0.68 0.00	34.00 0.63 0.00	36.61 1.44 0.00	38.72 1.49 0.00	42.29 1.55 0.00	42.84 1.85 0.00	44.27 1.86 0.00	49.80 1.26 0.00	54.67 0.97 0.00	63.62 2.21 0.00	62.82 2.42 0.00	51.94 2.52 0.00	44.54 2.12 0.00	39.12 1.06 0.00	36.43 1.16 0.00	31.82 0.32 0.00
CHERRYST_13_KV_LD 356241	36.52 2.80 0.00	31.98 2.48 0.00	29.88 2.21 0.00	29.36 1.95 0.00	29.18 1.88 0.00	29.21 1.89 0.00	29.11 1.88 0.00	29.81 2.39 0.00	33.61 2.75 0.00	36.53 3.07 -0.09	39.56 3.80 -0.60	42.79 4.13 -1.43	46.24 4.48 -1.01	46.48 4.47 -1.02	48.27 4.71 -1.15	55.93 5.68 -1.71	61.99 6.18 -2.11	70.70 6.63 -2.66	69.16 6.22 -2.53	55.36 4.79 -1.15	47.04 4.03 -0.59	42.70 4.00 -0.65	39.09 3.74 -0.08	34.54 2.93 -0.10

CHESTROR_138KV_BK263 355645	35.47 1.75 0.00	31.12 1.62 0.00	29.11 1.44 0.00	28.67 1.26 0.00	28.50 1.20 0.00	28.53 1.20 0.00	28.40 1.17 0.00	28.93 1.51 0.00	32.62 1.76 0.00	35.34 1.90 -0.07	38.08 2.43 -0.49	40.45 2.61 -0.61	44.43 2.85 -0.83	44.66 2.83 -0.84	46.41 3.05 -0.95	53.64 3.69 -1.41	59.53 4.08 -1.74	68.02 4.42 -2.19	66.66 4.17 -2.09	53.58 3.21 -0.95	45.53 2.63 -0.49	41.18 2.59 -0.53	37.73 2.40 -0.06	33.45 1.86 -0.08
CH_MIDHUDSON___DRP 24192	35.78 2.06 0.00	31.36 1.86 0.00	29.36 1.69 0.00	28.89 1.48 0.00	28.75 1.45 0.00	28.78 1.45 0.00	28.62 1.39 0.00	29.15 1.73 0.00	32.87 2.01 0.00	35.60 2.17 -0.06	38.40 2.81 -0.42	40.76 3.02 -0.52	44.75 3.30 -0.71	44.99 3.28 -0.71	46.74 3.52 -0.80	53.96 4.22 -1.20	59.86 4.67 -1.48	68.31 5.04 -1.86	66.95 4.77 -1.78	53.93 3.71 -0.80	45.84 3.01 -0.41	41.48 2.97 -0.45	38.04 2.72 -0.05	33.66 2.08 -0.07
CH_MISC_IPPS 23765	36.08 2.36 0.00	31.51 2.01 0.00	29.50 1.83 0.00	29.17 1.76 0.00	28.94 1.64 0.00	28.97 1.64 0.00	28.97 1.74 0.00	29.29 1.87 0.00	33.12 2.25 0.00	35.91 2.47 -0.07	38.79 3.17 -0.46	41.15 3.35 -0.57	45.35 3.83 -0.78	45.51 3.73 -0.78	47.33 4.03 -0.88	54.62 4.76 -1.32	60.70 5.37 -1.63	69.29 5.84 -2.05	68.03 5.68 -1.95	54.56 4.25 -0.88	46.39 3.52 -0.45	41.91 3.35 -0.50	38.29 2.96 -0.06	33.92 2.33 -0.07
CH_RES_BVR_FALLS 23983	33.42 -0.30 0.00	29.26 -0.24 0.00	27.45 -0.22 0.00	27.19 -0.22 0.00	27.14 -0.16 0.00	27.16 -0.16 0.00	27.01 -0.22 0.00	27.12 -0.30 0.00	30.53 -0.34 0.00	32.97 -0.40 0.00	34.57 -0.60 0.00	36.56 -0.67 0.00	40.01 -0.73 0.00	40.26 -0.74 0.00	41.65 -0.76 0.00	47.67 -0.87 0.00	52.74 -0.97 0.00	60.37 -1.04 0.00	59.38 -1.03 0.00	48.58 -0.84 0.00	41.91 -0.51 0.00	37.53 -0.53 0.00	34.70 -0.57 0.00	31.07 -0.44 0.00
CH_RES_NIAGARA 23895	33.15 -0.57 0.00	28.41 -1.09 0.00	26.40 -1.27 0.00	25.96 -1.45 0.00	25.72 -1.58 0.00	25.80 -1.53 0.00	25.62 -1.61 0.00	26.13 -1.29 0.00	29.63 -1.23 0.00	31.90 -1.47 0.00	34.25 -0.91 0.00	36.19 -1.04 0.00	39.89 -0.86 0.00	40.14 -0.86 0.00	41.52 -0.89 0.00	46.60 -1.94 0.00	51.55 -2.15 0.00	59.44 -1.97 0.00	58.84 -1.57 0.00	48.43 -0.99 0.00	41.78 -0.64 0.00	36.73 -1.33 0.00	34.21 -1.06 0.00	30.19 -1.32 0.00
CH_RES_SYRACUSE 23985	34.70 0.17 -0.81	29.58 0.06 -0.02	27.70 0.03 0.00	27.36 -0.05 0.00	27.19 -0.11 0.00	27.24 -0.08 0.00	27.25 0.03 0.00	27.50 0.08 0.00	31.24 0.09 -0.28	34.29 0.17 -0.76	36.94 0.39 -1.39	39.47 0.45 -1.79	43.64 0.45 -2.45	43.99 0.49 -2.50	45.64 0.47 -2.76	52.73 0.34 -3.85	58.29 0.38 -4.21	66.78 0.68 -4.70	65.48 0.73 -4.35	52.49 0.64 -2.42	44.33 0.55 -1.36	39.34 0.34 -0.94	36.66 0.39 -1.00	31.64 0.13 0.00
CLINTON_WT_PWR 323605	33.49 -0.23 0.00	29.32 -0.18 0.00	27.56 -0.11 0.00	27.30 -0.11 0.00	27.30 0.00 0.00	27.33 0.00 0.00	27.17 -0.05 0.00	27.31 -0.11 0.00	30.68 -0.18 0.00	33.14 -0.23 0.00	34.53 -0.63 0.00	36.49 -0.74 0.00	39.89 -0.86 0.00	40.30 -0.70 0.00	41.69 -0.72 0.00	47.76 -0.78 0.00	52.84 -0.86 0.00	60.37 -1.04 0.00	59.32 -1.09 0.00	48.54 -0.89 0.00	41.82 -0.59 0.00	37.30 -0.76 0.00	34.49 -0.78 0.00	31.07 -0.44 0.00
CLINTON___LFGE 323618	33.86 0.14 0.00	29.65 0.15 0.00	27.86 0.20 0.00	27.58 0.17 0.00	27.57 0.27 0.00	27.63 0.30 0.00	27.47 0.24 0.00	27.61 0.19 0.00	31.02 0.16 0.00	33.47 0.10 0.00	34.92 -0.24 0.00	36.86 -0.37 0.00	40.30 -0.45 0.00	40.75 -0.24 0.00	42.20 -0.21 0.00	48.35 -0.19 0.00	53.54 -0.16 0.00	61.29 -0.12 0.00	60.16 -0.24 0.00	49.23 -0.20 0.00	42.46 0.04 0.00	37.79 -0.26 0.00	34.92 -0.35 0.00	31.38 -0.13 0.00
COBBLENY_34_KV_TB1 80064	34.66 0.94 0.00	29.68 0.18 0.00	27.59 -0.08 0.00	26.86 -0.55 0.00	26.64 -0.66 0.00	26.75 -0.57 0.00	26.76 -0.46 0.00	27.39 -0.03 0.00	31.02 0.15 0.00	33.47 0.10 0.00	35.94 0.77 0.00	38.09 0.86 0.00	41.97 1.22 0.00	42.39 1.39 0.00	43.85 1.44 0.00	49.32 0.78 0.00	54.56 0.86 0.00	62.88 1.47 0.00	62.22 1.81 0.00	51.25 1.83 0.00	44.11 1.70 0.00	38.71 0.65 0.00	35.94 0.67 0.00	31.64 0.13 0.00
COFFEEN___115KV_TB3 355620	35.69 1.28 -0.69	30.40 0.88 -0.02	28.36 0.69 0.00	28.01 0.60 0.00	27.90 0.60 0.00	27.90 0.57 0.00	27.85 0.63 0.00	28.13 0.71 0.00	31.84 0.74 -0.24	34.91 0.90 -0.64	37.18 0.84 -1.17	39.45 0.71 -1.51	43.47 0.65 -2.07	43.85 0.74 -2.12	45.51 0.76 -2.34	52.57 0.78 -3.25	58.23 0.97 -3.56	67.16 1.78 -3.97	66.56 2.48 -3.68	54.04 2.57 -2.05	45.99 2.42 -1.15	40.91 2.06 -0.80	37.73 1.62 -0.84	32.71 1.20 0.00
COLDSPRG_115KV_BK1 355956	35.57 1.85 0.00	30.50 1.00 0.00	28.33 0.66 0.00	27.57 0.16 0.00	27.33 0.03 0.00	27.49 0.16 0.00	27.50 0.27 0.00	28.27 0.85 0.00	32.04 1.17 0.00	34.57 1.20 0.00	37.06 1.90 0.00	39.35 2.12 0.00	43.31 2.57 0.00	43.74 2.75 0.00	45.17 2.76 0.00	50.92 2.38 0.00	56.33 2.63 0.00	65.03 3.62 0.00	64.33 3.93 0.00	52.98 3.56 0.00	45.60 3.18 0.00	39.81 1.75 0.00	36.82 1.55 0.00	32.30 0.79 0.00
COLONIE_LFGE___ 323577	34.93 1.21 0.00	30.68 1.18 0.00	28.78 1.11 0.00	28.53 1.12 0.00	28.34 1.04 0.00	28.36 1.04 0.00	28.23 1.01 0.00	28.41 0.99 0.00	32.01 1.14 0.00	34.49 1.24 0.11	35.85 1.44 0.75	37.86 1.56 0.93	41.18 1.71 1.28	41.31 1.60 1.28	42.61 1.65 1.45	48.37 1.99 2.16	53.28 2.26 2.68	60.63 2.58 3.36	59.79 2.60 3.21	50.10 2.12 1.45	43.45 1.78 0.75	38.91 1.67 0.82	36.69 1.52 0.10	32.55 1.17 0.12
COOPERNY_115KV_TB1 80082	35.03 1.32 0.00	30.71 1.21 0.00	28.75 1.08 0.00	28.34 0.93 0.00	28.20 0.90 0.00	28.23 0.90 0.00	28.07 0.84 0.00	28.57 1.15 0.00	32.19 1.33 0.00	34.85 1.43 -0.04	37.29 1.83 -0.30	39.58 1.97 -0.37	43.41 2.16 -0.51	43.68 2.17 -0.51	45.28 2.29 -0.58	52.17 2.77 -0.86	57.83 3.06 -1.06	66.06 3.32 -1.34	64.82 3.14 -1.28	52.42 2.42 -0.58	44.71 1.99 -0.30	40.33 1.94 -0.33	37.14 1.83 -0.04	32.98 1.42 -0.05
COPENHAGEN_WT_PWR 323753	35.28 0.84 -0.72	30.08 0.56 -0.02	28.09 0.42 0.00	27.77 0.36 0.00	27.63 0.33 0.00	27.66 0.33 0.00	27.64 0.41 0.00	27.86 0.44 0.00	31.51 0.40 -0.25	34.57 0.53 -0.67	36.89 0.49 -1.23	39.19 0.37 -1.59	43.20 0.29 -2.17	43.58 0.37 -2.22	45.20 0.34 -2.45	52.30 0.34 -3.41	57.81 0.38 -3.73	66.62 1.04 -4.16	65.83 1.57 -3.86	53.35 1.78 -2.15	45.28 1.65 -1.21	40.34 1.45 -0.83	37.28 1.13 -0.88	32.30 0.79 0.00
CORNELL_____ 23752	35.42 1.28 -0.42	30.42 0.91 -0.01	28.42 0.75 0.00	27.99 0.58 0.00	27.82 0.52 0.00	27.87 0.55 0.00	27.77 0.54 0.00	28.24 0.82 0.00	31.97 0.96 -0.15	34.80 1.03 -0.39	37.15 1.27 -0.72	39.58 1.41 -0.93	43.65 1.63 -1.27	43.94 1.64 -1.30	45.50 1.65 -1.44	52.25 1.70 -2.00	57.93 2.04 -2.19	66.56 2.70 -2.45	65.63 2.96 -2.27	53.25 2.57 -1.26	45.37 2.25 -0.71	40.26 1.71 -0.49	37.34 1.55 -0.52	32.58 1.07 0.00

CORONA V_69_KV_TB1 355595	46.97 3.14 -10.11	45.97 2.77 -13.70	42.54 2.52 -12.36	38.89 2.25 -9.23	33.15 2.18 -3.66	34.25 2.19 -4.73	33.27 2.15 -3.89	32.53 2.60 -2.50	40.97 2.99 -7.11	46.47 3.30 -9.80	42.25 4.08 -3.00	66.30 4.47 -24.60	74.77 4.85 -29.18	57.77 4.88 -11.89	73.00 5.09 -25.50	63.35 6.07 -8.74	75.55 6.66 -15.19	72.79 7.25 -4.14	69.83 6.89 -2.53	57.58 5.49 -2.67	47.46 4.45 -0.59	45.79 4.38 -3.36	41.96 4.02 -2.67	41.41 3.21 -6.69
CORTLAND_115KV_TB3 80093	35.15 1.01 -0.42	30.22 0.71 -0.01	28.28 0.61 0.00	27.85 0.44 0.00	27.71 0.41 0.00	27.74 0.41 0.00	27.64 0.41 0.00	28.08 0.66 0.00	31.78 0.77 -0.14	34.60 0.83 -0.39	36.94 1.05 -0.72	39.39 1.23 -0.93	43.39 1.39 -1.26	43.68 1.39 -1.29	45.24 1.40 -1.43	52.03 1.50 -1.99	57.59 1.72 -2.17	66.05 2.21 -2.43	65.07 2.42 -2.25	52.75 2.08 -1.25	44.94 1.82 -0.70	39.92 1.37 -0.49	37.02 1.23 -0.51	32.36 0.85 0.00
COXSACKIE__GT 23611	36.18 2.46 0.00	31.62 2.13 0.00	29.61 1.94 0.00	29.36 1.95 0.00	29.13 1.83 0.00	29.13 1.80 0.00	28.97 1.74 0.00	28.96 1.53 0.00	32.72 1.85 0.00	35.34 2.00 0.03	37.34 2.39 0.21	39.05 2.08 0.26	42.95 2.57 0.36	42.72 2.09 0.36	44.21 2.20 0.41	50.41 2.47 0.61	55.84 2.90 0.76	64.39 3.93 0.95	64.03 4.53 0.91	53.02 4.00 0.41	45.81 3.60 0.21	41.10 3.27 0.23	37.92 2.68 0.03	33.55 2.08 0.03
CPV_VALLEY__CC1 323721	35.17 1.45 0.00	30.83 1.33 0.00	28.86 1.19 0.00	28.53 1.12 0.00	28.34 1.04 0.00	28.39 1.06 0.00	28.40 1.17 0.00	28.71 1.29 0.00	32.38 1.51 0.00	35.10 1.67 -0.06	37.70 2.11 -0.43	40.03 2.27 -0.52	43.99 2.53 -0.72	44.22 2.50 -0.72	45.94 2.72 -0.82	53.01 3.25 -1.22	58.86 3.65 -1.51	67.24 3.93 -1.89	65.90 3.69 -1.81	53.01 2.77 -0.82	45.08 2.25 -0.42	40.77 2.24 -0.46	37.37 2.04 -0.06	33.18 1.61 -0.07
CPV_VALLEY__CC2 323722	35.17 1.45 0.00	30.83 1.33 0.00	28.86 1.19 0.00	28.53 1.12 0.00	28.34 1.04 0.00	28.39 1.06 0.00	28.40 1.17 0.00	28.71 1.29 0.00	32.38 1.51 0.00	35.10 1.67 -0.06	37.70 2.11 -0.43	40.03 2.27 -0.52	43.99 2.53 -0.72	44.22 2.50 -0.72	45.94 2.72 -0.82	53.01 3.25 -1.22	58.86 3.65 -1.51	67.24 3.93 -1.89	65.90 3.69 -1.81	53.01 2.77 -0.82	45.08 2.25 -0.42	40.77 2.24 -0.46	37.37 2.04 -0.06	33.18 1.61 -0.07
CRESCENT__HYD 24018	34.93 1.21 0.00	30.68 1.18 0.00	28.78 1.11 0.00	28.53 1.12 0.00	28.34 1.04 0.00	28.36 1.04 0.00	28.23 1.01 0.00	28.41 0.99 0.00	32.01 1.14 0.00	34.49 1.24 0.11	35.85 1.44 0.75	37.86 1.56 0.93	41.18 1.71 1.28	41.31 1.60 1.28	42.61 1.65 1.45	48.37 1.99 2.16	53.28 2.26 2.68	60.63 2.58 3.36	59.79 2.60 3.21	50.10 2.12 1.45	43.45 1.78 0.75	38.91 1.67 0.82	36.69 1.52 0.10	32.55 1.17 0.12
CRICKET__VALLEY_CC1 323756	35.17 1.45 0.00	30.83 1.33 0.00	28.94 1.27 0.00	28.70 1.29 0.00	28.47 1.17 0.00	28.50 1.17 0.00	28.45 1.23 0.00	28.74 1.32 0.00	32.31 1.45 0.00	33.78 1.60 1.19	29.11 2.07 8.13	29.48 2.27 10.02	29.46 2.49 13.77	29.62 2.46 13.84	29.41 2.63 15.63	28.49 3.25 23.30	28.48 3.60 28.82	29.03 3.81 36.19	29.43 3.56 34.54	36.41 2.62 15.63	36.53 2.16 8.05	31.40 2.17 8.83	36.19 1.97 1.05	31.71 1.51 1.31
CRICKET__VALLEY_CC2 323757	35.17 1.45 0.00	30.83 1.33 0.00	28.94 1.27 0.00	28.70 1.29 0.00	28.47 1.17 0.00	28.50 1.17 0.00	28.45 1.23 0.00	28.74 1.32 0.00	32.31 1.45 0.00	33.78 1.60 1.19	29.11 2.07 8.13	29.48 2.27 10.02	29.46 2.49 13.77	29.62 2.46 13.84	29.41 2.63 15.63	28.49 3.25 23.30	28.48 3.60 28.82	29.03 3.81 36.19	29.43 3.56 34.54	36.41 2.62 15.63	36.53 2.16 8.05	31.40 2.17 8.83	36.19 1.97 1.05	31.71 1.51 1.31
CRICKET__VALLEY_CC3 323758	35.17 1.45 0.00	30.83 1.33 0.00	28.94 1.27 0.00	28.70 1.29 0.00	28.47 1.17 0.00	28.50 1.17 0.00	28.45 1.23 0.00	28.74 1.32 0.00	32.31 1.45 0.00	33.78 1.60 1.19	29.11 2.07 8.13	29.48 2.27 10.02	29.46 2.49 13.77	29.62 2.46 13.84	29.41 2.63 15.63	28.49 3.25 23.30	28.48 3.60 28.82	29.03 3.81 36.19	29.43 3.56 34.54	36.41 2.62 15.63	36.53 2.16 8.05	31.40 2.17 8.83	36.19 1.97 1.05	31.71 1.51 1.31
CRUCIBLE_METL_DRP 24180	34.70 0.17 -0.81	29.52 0.00 -0.02	27.64 -0.03 0.00	27.25 -0.16 0.00	27.14 -0.16 0.00	27.16 -0.16 0.00	27.06 -0.16 0.00	27.45 0.03 0.00	31.21 0.06 -0.28	34.29 0.17 -0.76	36.91 0.35 -1.39	39.47 0.45 -1.79	43.68 0.49 -2.45	43.99 0.49 -2.50	45.64 0.47 -2.76	52.73 0.34 -3.85	58.34 0.43 -4.21	66.78 0.68 -4.70	65.48 0.72 -4.35	52.49 0.64 -2.42	44.37 0.59 -1.36	39.34 0.34 -0.94	36.62 0.35 -1.00	31.64 0.13 0.00
DAHOWA__HYDRO 323763	35.61 1.89 0.00	31.21 1.71 0.00	29.22 1.55 0.00	28.94 1.53 0.00	28.69 1.39 0.00	28.75 1.42 0.00	28.64 1.41 0.00	28.79 1.37 0.00	32.56 1.70 0.00	35.11 1.83 0.09	36.51 1.97 0.62	38.66 2.20 0.77	42.06 2.36 1.05	42.03 2.09 1.06	43.21 1.99 1.19	49.24 2.47 1.78	54.50 3.01 2.20	62.27 3.62 2.76	61.82 4.05 2.64	51.64 3.41 1.19	44.64 2.84 0.61	39.90 2.51 0.67	37.41 2.22 0.08	33.14 1.73 0.10
DANC__LFGE 323619	35.03 0.41 -0.90	29.76 0.23 -0.02	27.81 0.14 0.00	27.49 0.08 0.00	27.35 0.05 0.00	27.38 0.05 0.00	27.36 0.14 0.00	27.59 0.17 0.00	31.30 0.12 -0.31	34.45 0.24 -0.84	36.96 0.25 -1.54	39.37 0.15 -1.99	43.51 0.04 -2.72	43.86 0.08 -2.78	45.48 0.00 -3.07	52.72 -0.10 -4.28	58.27 -0.11 -4.68	67.00 0.37 -5.22	65.97 0.73 -4.83	53.05 0.94 -2.69	44.86 0.93 -1.52	39.94 0.84 -1.05	37.05 0.67 -1.11	31.89 0.38 0.00
DANSKAMMER__1 23586	36.08 2.36 0.00	31.51 2.01 0.00	29.50 1.83 0.00	29.17 1.76 0.00	28.94 1.64 0.00	28.97 1.64 0.00	28.97 1.74 0.00	29.29 1.87 0.00	33.12 2.25 0.00	35.91 2.47 -0.07	38.79 3.17 -0.46	41.15 3.35 -0.57	45.35 3.83 -0.78	45.51 3.73 -0.78	47.33 4.03 -0.88	54.62 4.76 -1.32	60.70 5.37 -1.63	69.29 5.84 -2.05	68.03 5.68 -1.95	54.56 4.25 -0.88	46.39 3.52 -0.45	41.91 3.35 -0.50	38.29 2.96 -0.06	33.92 2.33 -0.07
DANSKAMMER__2 23589	36.08 2.36 0.00	31.51 2.01 0.00	29.50 1.83 0.00	29.17 1.76 0.00	28.94 1.64 0.00	28.97 1.64 0.00	28.97 1.74 0.00	29.29 1.87 0.00	33.12 2.25 0.00	35.91 2.47 -0.07	38.79 3.17 -0.46	41.15 3.35 -0.57	45.35 3.83 -0.78	45.51 3.73 -0.78	47.33 4.03 -0.88	54.62 4.76 -1.32	60.70 5.37 -1.63	69.29 5.84 -2.05	68.03 5.68 -1.95	54.56 4.25 -0.88	46.39 3.52 -0.45	41.91 3.35 -0.50	38.29 2.96 -0.06	33.92 2.33 -0.07
DANSKAMMER__3 23590	36.08 2.36 0.00	31.51 2.01 0.00	29.50 1.83 0.00	29.17 1.76 0.00	28.94 1.64 0.00	28.97 1.64 0.00	28.97 1.74 0.00	29.29 1.87 0.00	33.12 2.25 0.00	35.91 2.47 -0.07	38.79 3.17 -0.46	41.15 3.35 -0.57	45.35 3.83 -0.78	45.51 3.73 -0.78	47.33 4.03 -0.88	54.62 4.76 -1.32	60.70 5.37 -1.63	69.29 5.84 -2.05	68.03 5.68 -1.95	54.56 4.25 -0.88	46.39 3.52 -0.45	41.91 3.35 -0.50	38.29 2.96 -0.06	33.92 2.33 -0.07

DANSKAMMER___4 23591	36.08 2.36 0.00	31.51 2.01 0.00	29.50 1.83 0.00	29.17 1.76 0.00	28.94 1.64 0.00	28.97 1.64 0.00	28.97 1.74 0.00	29.29 1.87 0.00	33.12 2.25 0.00	35.91 2.47 -0.07	38.79 3.17 -0.46	41.15 3.35 -0.57	45.35 3.83 -0.78	45.51 3.73 -0.78	47.33 4.03 -0.88	54.62 4.76 -1.32	60.70 5.37 -1.63	69.29 5.84 -2.05	68.03 5.68 -1.95	54.56 4.25 -0.88	46.39 3.52 -0.45	41.91 3.35 -0.50	38.29 2.96 -0.06	33.92 2.33 -0.07
DANSKAMMER___DIESEL 23592	36.08 2.36 0.00	31.59 2.09 0.00	29.55 1.88 0.00	29.06 1.64 0.00	28.91 1.61 0.00	28.94 1.61 0.00	28.78 1.55 0.00	29.34 1.92 0.00	33.12 2.25 0.00	35.91 2.47 -0.07	38.75 3.13 -0.46	41.15 3.35 -0.57	45.27 3.75 -0.78	45.51 3.73 -0.78	47.28 3.99 -0.88	54.62 4.76 -1.32	60.59 5.26 -1.63	69.17 5.71 -2.05	67.85 5.50 -1.95	54.56 4.25 -0.88	46.31 3.44 -0.45	41.91 3.35 -0.50	38.36 3.03 -0.06	33.92 2.33 -0.07
DARBY___SOLAR 323810	35.47 1.75 0.00	31.09 1.59 0.00	29.11 1.44 0.00	28.86 1.45 0.00	28.61 1.31 0.00	28.67 1.34 0.00	28.56 1.33 0.00	28.74 1.32 0.00	32.47 1.60 0.00	35.01 1.73 0.09	36.42 1.90 0.64	38.56 2.12 0.79	41.93 2.28 1.09	41.95 2.05 1.10	43.12 1.95 1.24	49.12 2.43 1.85	54.32 2.90 2.28	62.04 3.50 2.87	61.48 3.81 2.74	51.35 3.17 1.24	44.45 2.67 0.64	39.72 2.36 0.70	37.27 2.08 0.08	33.04 1.64 0.10
DASHVILLE___HYD 23610	35.68 1.96 0.00	31.21 1.71 0.00	29.22 1.55 0.00	28.75 1.34 0.00	28.61 1.31 0.00	28.58 1.26 0.00	28.42 1.20 0.00	28.93 1.51 0.00	32.59 1.73 0.00	35.64 2.24 -0.04	38.26 2.85 -0.25	40.63 3.09 -0.30	44.58 3.42 -0.42	44.82 3.40 -0.42	46.57 3.69 -0.47	53.67 4.42 -0.71	59.46 4.89 -0.87	67.79 5.28 -1.10	66.47 5.01 -1.05	53.75 3.86 -0.47	45.80 3.14 -0.24	41.41 3.08 -0.27	38.12 2.82 -0.03	33.69 2.14 -0.04
DEERFIELD_69_KV_DEERFIELD LD 355887	48.08 4.25 -10.11	46.77 3.57 -13.70	43.18 3.15 -12.36	39.55 2.91 -9.23	33.88 2.92 -3.66	35.01 2.95 -4.73	34.03 2.91 -3.89	33.24 3.32 -2.50	41.83 3.86 -7.11	47.74 4.57 -9.80	46.49 5.77 -5.56	68.24 6.40 -24.60	76.86 6.93 -29.19	237.21 6.89 -189.32	230.94 6.96 -181.57	263.03 8.20 -206.29	274.09 9.08 -211.31	262.32 10.01 -190.90	264.36 9.60 -194.35	225.07 7.51 -168.13	106.09 6.36 -57.31	85.60 6.01 -41.53	44.36 5.26 -3.84	42.43 4.22 -6.70
DELAWARE___LFGE 323621	35.31 1.45 -0.14	30.71 1.21 0.00	28.78 1.11 0.00	28.42 1.01 0.00	28.26 0.96 0.00	28.28 0.96 0.00	28.13 0.90 0.00	28.57 1.15 0.00	32.24 1.33 -0.05	34.97 1.47 -0.13	37.16 1.76 -0.23	39.55 2.01 -0.30	43.40 2.24 -0.41	43.63 2.21 -0.42	45.17 2.29 -0.47	51.86 2.67 -0.65	57.37 2.95 -0.71	65.58 3.38 -0.79	64.46 3.32 -0.74	52.55 2.72 -0.41	44.94 2.29 -0.23	40.27 2.06 -0.16	37.27 1.83 -0.17	32.90 1.39 0.00
DERFIELD_115KV_TB7 355931	33.96 0.24 0.00	29.71 0.21 0.00	27.86 0.19 0.00	27.57 0.16 0.00	27.46 0.16 0.00	27.46 0.14 0.00	27.34 0.11 0.00	27.61 0.19 0.00	31.11 0.25 0.00	33.64 0.27 0.00	35.52 0.35 0.00	37.64 0.41 0.00	41.19 0.45 0.00	41.45 0.45 0.00	42.88 0.47 0.00	49.08 0.53 0.00	54.29 0.59 0.00	62.09 0.68 0.00	61.07 0.66 0.00	49.97 0.54 0.00	42.84 0.42 0.00	38.48 0.42 0.00	35.62 0.35 0.00	31.73 0.22 0.00
DOGLEVILLE___HYD 23807	34.09 0.37 0.00	29.79 0.29 0.00	27.92 0.25 0.00	27.66 0.25 0.00	27.54 0.25 0.00	27.57 0.25 0.00	27.50 0.27 0.00	27.69 0.27 0.00	31.17 0.31 0.00	33.74 0.37 0.00	35.66 0.49 0.00	37.75 0.52 0.00	41.36 0.61 0.00	41.53 0.53 0.00	42.96 0.55 0.00	49.13 0.58 0.00	54.29 0.59 0.00	62.21 0.80 0.00	61.19 0.78 0.00	50.11 0.69 0.00	42.97 0.55 0.00	38.59 0.53 0.00	35.70 0.42 0.00	31.76 0.25 0.00
DUNKIRK___115KV_TB_200 55889	35.03 1.32 0.00	30.03 0.53 0.00	27.92 0.25 0.00	27.19 -0.22 0.00	26.94 -0.35 0.00	27.05 -0.27 0.00	27.06 -0.16 0.00	27.75 0.33 0.00	31.45 0.59 0.00	33.90 0.53 0.00	36.36 1.20 0.00	38.57 1.34 0.00	42.50 1.75 0.00	42.84 1.84 0.00	44.28 1.87 0.00	49.85 1.31 0.00	55.15 1.45 0.00	63.62 2.21 0.00	62.94 2.54 0.00	51.85 2.42 0.00	44.62 2.21 0.00	39.05 0.99 0.00	36.19 0.92 0.00	31.79 0.28 0.00
DUNKIRK___1 23563	35.03 1.32 0.00	30.03 0.53 0.00	27.92 0.25 0.00	27.19 -0.22 0.00	26.94 -0.35 0.00	27.05 -0.27 0.00	27.06 -0.16 0.00	27.75 0.33 0.00	31.45 0.59 0.00	33.90 0.53 0.00	36.36 1.20 0.00	38.57 1.34 0.00	42.50 1.75 0.00	42.84 1.84 0.00	44.28 1.87 0.00	49.85 1.31 0.00	55.15 1.45 0.00	63.62 2.21 0.00	62.94 2.54 0.00	51.85 2.42 0.00	44.62 2.21 0.00	39.05 0.99 0.00	36.19 0.92 0.00	31.79 0.28 0.00
DUNKIRK___2 23564	35.03 1.32 0.00	30.03 0.53 0.00	27.92 0.25 0.00	27.19 -0.22 0.00	26.94 -0.35 0.00	27.05 -0.27 0.00	27.06 -0.16 0.00	27.75 0.33 0.00	31.45 0.59 0.00	33.90 0.53 0.00	36.36 1.20 0.00	38.57 1.34 0.00	42.50 1.75 0.00	42.84 1.84 0.00	44.28 1.87 0.00	49.85 1.31 0.00	55.15 1.45 0.00	63.62 2.21 0.00	62.94 2.54 0.00	51.85 2.42 0.00	44.62 2.21 0.00	39.05 0.99 0.00	36.19 0.92 0.00	31.79 0.28 0.00
DUNKIRK___3 23565	34.80 1.08 0.00	29.85 0.35 0.00	27.72 0.06 0.00	27.00 -0.41 0.00	26.78 -0.52 0.00	26.89 -0.44 0.00	26.90 -0.33 0.00	27.56 0.14 0.00	31.20 0.34 0.00	33.67 0.30 0.00	36.11 0.95 0.00	38.31 1.08 0.00	42.17 1.43 0.00	42.56 1.56 0.00	43.98 1.57 0.00	49.51 0.97 0.00	54.77 1.07 0.00	63.19 1.78 0.00	62.52 2.11 0.00	51.50 2.08 0.00	44.32 1.91 0.00	38.82 0.76 0.00	35.98 0.71 0.00	31.67 0.16 0.00
DUNKIRK___4 23566	34.80 1.08 0.00	29.85 0.35 0.00	27.72 0.06 0.00	27.00 -0.41 0.00	26.78 -0.52 0.00	26.89 -0.44 0.00	26.90 -0.33 0.00	27.56 0.14 0.00	31.20 0.34 0.00	33.67 0.30 0.00	36.11 0.95 0.00	38.31 1.08 0.00	42.17 1.43 0.00	42.56 1.56 0.00	43.98 1.57 0.00	49.51 0.97 0.00	54.77 1.07 0.00	63.19 1.78 0.00	62.52 2.11 0.00	51.50 2.08 0.00	44.32 1.91 0.00	38.82 0.76 0.00	35.98 0.71 0.00	31.67 0.16 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.11 2.39 0.00	31.65 2.15 0.00	29.61 1.94 0.00	29.11 1.70 0.00	28.94 1.64 0.00	28.97 1.64 0.00	28.86 1.63 0.00	29.50 2.08 0.00	33.24 2.38 0.00	36.13 2.67 -0.09	39.07 3.31 -0.60	41.54 3.57 -0.74	45.63 3.87 -1.01	45.91 3.89 -1.02	47.71 4.16 -1.15	55.25 5.00 -1.71	61.29 5.48 -2.12	69.96 5.90 -2.66	68.50 5.56 -2.53	54.82 4.25 -1.15	46.48 3.48 -0.59	42.17 3.46 -0.65	38.56 3.21 -0.08	34.13 2.52 -0.10
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.74 2.02 0.00	31.33 1.83 0.00	29.30 1.63 0.00	28.84 1.43 0.00	28.69 1.39 0.00	28.72 1.39 0.00	28.56 1.33 0.00	29.12 1.70 0.00	32.84 1.98 0.00	35.57 2.14 -0.07	38.36 2.74 -0.45	40.73 2.94 -0.56	44.77 3.26 -0.77	45.01 3.24 -0.77	46.76 3.48 -0.87	54.02 4.17 -1.30	59.93 4.62 -1.61	68.41 4.97 -2.02	67.11 4.77 -1.93	53.95 3.66 -0.87	45.88 3.01 -0.45	41.48 2.93 -0.49	38.05 2.72 -0.06	33.66 2.08 -0.07

E179THST_138_KV_TB4_REV_LBMP_J 345001	36.49 2.77 -0.01	32.04 2.54 -0.01	29.97 2.30 -0.01	29.42 2.00 -0.01	29.25 1.94 -0.01	29.27 1.94 -0.01	29.17 1.93 -0.01	29.87 2.44 -0.01	33.58 2.72 0.00	36.37 2.90 -0.10	39.32 3.55 -0.60	42.56 3.87 -1.45	46.08 4.32 -1.02	46.41 4.39 -1.02	48.14 4.58 -1.15	55.79 5.53 -1.72	61.57 5.75 -2.12	70.28 6.20 -2.66	68.75 5.80 -2.54	55.22 4.65 -1.15	46.99 3.99 -0.59	42.56 3.84 -0.66	38.92 3.56 -0.09	34.48 2.87 -0.10
E179THST_13_KV_LOAD 356214	36.73 3.00 -0.01	32.25 2.74 -0.01	30.14 2.46 -0.01	29.58 2.17 -0.01	29.41 2.10 -0.01	29.44 2.10 -0.01	29.33 2.10 -0.01	30.03 2.60 -0.01	33.80 2.93 0.00	36.60 3.14 -0.10	39.60 3.83 -0.60	42.82 4.13 -1.45	46.41 4.64 -1.02	46.74 4.71 -1.02	48.48 4.92 -1.15	56.18 5.92 -1.72	62.00 6.18 -2.12	70.77 6.69 -2.66	69.23 6.28 -2.54	55.62 5.04 -1.15	47.33 4.33 -0.59	42.83 4.11 -0.66	39.20 3.84 -0.09	34.70 3.09 -0.10
EAST HAMPTON___GT 23717	48.45 4.62 -10.11	46.97 3.78 -13.70	43.34 3.32 -12.36	39.85 3.21 -9.23	34.13 3.17 -3.66	35.28 3.22 -4.73	34.52 3.40 -3.89	33.46 3.54 -2.50	42.20 4.23 -7.11	48.27 5.11 -9.80	47.30 6.57 -5.56	69.10 7.26 -24.60	77.80 7.87 -29.19	238.11 7.75 -189.36	231.49 7.47 -181.61	263.56 8.69 -206.33	274.72 9.66 -211.35	262.91 10.57 -190.94	265.01 10.21 -194.39	225.20 7.61 -168.17	106.82 7.08 -57.32	86.18 6.59 -41.54	44.68 5.57 -3.84	42.65 4.44 -6.70
EAST RIVER___6 23660	36.49 2.77 0.00	31.86 2.36 0.00	29.77 2.10 0.00	29.41 2.00 0.00	29.16 1.86 0.00	29.21 1.88 0.00	29.27 2.04 0.00	29.67 2.25 0.00	33.52 2.65 0.00	36.49 3.04 -0.09	39.49 3.73 -0.60	42.72 4.06 -1.43	46.12 4.36 -1.01	46.28 4.26 -1.02	48.01 4.45 -1.15	55.78 5.53 -1.71	61.94 6.12 -2.11	70.57 6.51 -2.66	69.04 6.10 -2.53	55.11 4.54 -1.15	46.91 3.90 -0.59	42.55 3.84 -0.65	38.91 3.56 -0.08	34.44 2.84 -0.10
EAST RIVER___7 23524	36.49 2.77 0.00	31.86 2.36 0.00	29.77 2.10 0.00	29.41 2.00 0.00	29.16 1.86 0.00	29.21 1.88 0.00	29.27 2.04 0.00	29.67 2.25 0.00	33.52 2.65 0.00	36.49 3.04 -0.09	39.49 3.73 -0.60	42.72 4.06 -1.43	46.12 4.36 -1.01	46.28 4.26 -1.02	48.01 4.45 -1.15	55.78 5.53 -1.71	61.94 6.12 -2.11	70.57 6.51 -2.66	69.04 6.10 -2.53	55.11 4.54 -1.15	46.91 3.90 -0.59	42.55 3.84 -0.65	38.91 3.56 -0.08	34.44 2.84 -0.10
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.01 2.29 0.00	31.56 2.06 0.00	29.52 1.85 0.00	29.03 1.62 0.00	28.88 1.58 0.00	28.91 1.58 0.00	28.78 1.55 0.00	29.42 2.00 0.00	33.15 2.28 0.00	35.99 2.54 -0.09	38.92 3.16 -0.59	41.39 3.43 -0.73	45.46 3.71 -1.01	45.74 3.73 -1.01	47.54 3.99 -1.14	55.05 4.81 -1.71	61.07 5.26 -2.11	69.77 5.71 -2.65	68.25 5.32 -2.53	54.67 4.10 -1.14	46.31 3.31 -0.59	42.02 3.31 -0.65	38.42 3.07 -0.08	34.00 2.39 -0.10
EAST_HAMPTON___DIESEL 23722	48.42 4.59 -10.11	46.97 3.78 -13.70	43.32 3.29 -12.36	39.82 3.18 -9.23	34.10 3.14 -3.66	35.26 3.20 -4.73	34.52 3.40 -3.89	33.46 3.54 -2.50	42.17 4.20 -7.11	48.27 5.11 -9.80	47.30 6.57 -5.56	69.06 7.22 -24.60	77.76 7.82 -29.19	238.11 7.75 -189.36	231.48 7.47 -181.61	263.56 8.69 -206.33	274.66 9.61 -211.35	262.84 10.50 -190.94	264.94 10.15 -194.39	225.15 7.56 -168.17	106.78 7.04 -57.32	86.14 6.55 -41.54	44.65 5.54 -3.84	42.62 4.41 -6.70
EAST_POINT___SOLAR 323840	37.76 4.04 0.00	32.80 3.30 0.00	30.60 2.93 0.00	30.26 2.85 0.00	29.73 2.43 0.00	29.76 2.43 0.00	29.57 2.34 0.00	29.75 2.33 0.00	33.12 2.25 0.00	35.42 2.10 0.05	37.33 2.50 0.33	40.77 3.94 0.41	44.62 4.44 0.57	44.53 4.10 0.57	45.59 3.82 0.64	52.20 4.61 0.96	57.73 5.21 1.18	65.82 5.90 1.49	66.17 7.18 1.42	55.36 6.57 0.64	48.23 6.15 0.33	42.91 5.21 0.36	39.81 4.58 0.04	35.14 3.68 0.05
EAST_PULASKI___ESR 323781	35.04 0.03 -1.29	29.47 -0.06 -0.03	27.56 -0.11 0.00	27.25 -0.16 0.00	27.08 -0.22 0.00	27.14 -0.19 0.00	27.12 -0.11 0.00	27.34 -0.08 0.00	31.19 -0.12 -0.45	34.51 -0.07 -1.20	37.41 0.04 -2.21	40.05 -0.04 -2.85	44.52 -0.12 -3.89	44.86 -0.12 -3.98	46.51 -0.29 -4.40	54.18 -0.49 -6.12	59.81 -0.59 -6.70	68.58 -0.31 -7.47	67.26 -0.06 -6.92	53.42 0.15 -3.85	44.88 0.30 -2.17	39.82 0.27 -1.50	37.10 0.25 -1.58	31.54 0.03 0.00
EAST_RIVER___1 323558	36.38 2.66 0.00	31.80 2.30 0.00	29.72 2.05 0.00	29.36 1.95 0.00	29.10 1.80 0.00	29.16 1.83 0.00	29.24 2.01 0.00	29.67 2.25 0.00	33.49 2.62 0.00	36.43 2.97 -0.09	39.42 3.66 -0.60	42.60 3.94 -1.43	46.07 4.32 -1.01	46.28 4.26 -1.02	48.01 4.45 -1.15	55.74 5.48 -1.71	61.88 6.07 -2.11	70.57 6.51 -2.66	69.04 6.10 -2.53	55.11 4.54 -1.15	46.83 3.82 -0.59	42.48 3.77 -0.65	38.87 3.53 -0.08	34.41 2.80 -0.10
EAST_RIVER___2 323559	36.49 2.77 0.00	31.86 2.36 0.00	29.77 2.10 0.00	29.41 2.00 0.00	29.16 1.86 0.00	29.21 1.88 0.00	29.27 2.04 0.00	29.67 2.25 0.00	33.52 2.65 0.00	36.49 3.04 -0.09	39.49 3.73 -0.60	42.72 4.06 -1.43	46.12 4.36 -1.01	46.28 4.26 -1.02	48.01 4.45 -1.15	55.78 5.53 -1.71	61.94 6.12 -2.11	70.57 6.51 -2.66	69.04 6.10 -2.53	55.11 4.54 -1.15	46.91 3.90 -0.59	42.55 3.84 -0.65	38.91 3.56 -0.08	34.44 2.84 -0.10
EAST___DELAWARE_HYD 23607	35.20 1.48 0.00	30.71 1.21 0.00	28.69 1.02 0.00	28.37 0.96 0.00	28.17 0.87 0.00	28.20 0.87 0.00	28.18 0.95 0.00	28.49 1.07 0.00	32.16 1.30 0.00	34.89 1.47 -0.05	36.56 1.05 -0.34	38.77 1.12 -0.42	42.67 1.34 -0.58	42.81 1.23 -0.58	44.55 1.48 -0.66	51.41 1.89 -0.98	57.17 2.26 -1.21	65.39 2.46 -1.52	64.15 2.29 -1.45	51.71 1.63 -0.66	44.07 1.32 -0.34	39.80 1.37 -0.37	37.36 2.04 -0.04	33.11 1.54 -0.06
EIGHT_POINT___WT_PWR 323820	35.54 1.65 -0.17	30.48 0.97 0.00	28.39 0.72 0.00	27.77 0.36 0.00	27.52 0.22 0.00	27.63 0.30 0.00	27.99 0.76 0.00	28.38 0.96 0.00	31.91 0.99 -0.06	34.53 1.00 -0.16	37.00 1.55 -0.29	39.24 1.64 -0.37	42.92 1.67 -0.51	43.20 1.68 -0.52	44.72 1.74 -0.57	50.70 1.36 -0.80	55.97 1.39 -0.87	64.90 2.52 -0.98	64.15 2.84 -0.90	52.79 2.87 -0.50	45.16 2.46 -0.28	39.93 1.67 -0.20	37.07 1.59 -0.21	32.20 0.69 0.00
ELBRIDGE_115KV_TB2 80188	34.65 0.07 -0.86	29.40 -0.12 -0.02	27.53 -0.14 0.00	27.14 -0.27 0.00	27.00 -0.30 0.00	27.03 -0.30 0.00	26.93 -0.30 0.00	27.34 -0.08 0.00	31.10 -0.06 -0.30	34.14 -0.03 -0.80	36.81 0.18 -1.47	39.39 0.26 -1.90	43.62 0.29 -2.59	43.93 0.29 -2.65	45.59 0.25 -2.93	52.72 0.10 -4.08	58.37 0.21 -4.46	66.81 0.43 -4.97	65.49 0.48 -4.61	52.48 0.49 -2.56	44.28 0.42 -1.44	39.25 0.19 -1.00	36.54 0.21 -1.05	31.51 0.00 0.00
ELEC_TRO_TEK 24086	46.67 2.83 -10.11	45.73 2.54 -13.70	42.32 2.30 -12.36	38.70 2.06 -9.23	32.96 1.99 -3.66	34.05 1.99 -4.73	33.08 1.96 -3.89	32.37 2.44 -2.50	40.75 2.78 -7.11	46.24 3.07 -9.80	41.93 3.76 -3.00	65.89 4.06 -24.60	74.32 4.40 -29.18	57.31 4.43 -11.89	72.62 4.71 -25.50	62.91 5.63 -8.74	75.07 6.18 -15.19	72.24 6.69 -4.14	69.22 6.28 -2.53	56.99 4.89 -2.67	46.99 3.99 -0.59	45.37 3.96 -3.36	41.65 3.70 -2.67	41.13 2.93 -6.69

ELLENBURG_WT_PWR 323604	33.49 -0.23 0.00	29.32 -0.18 0.00	27.56 -0.11 0.00	27.30 -0.11 0.00	27.30 0.00 0.00	27.33 0.00 0.00	27.17 -0.05 0.00	27.31 -0.11 0.00	30.68 -0.18 0.00	33.14 -0.23 0.00	34.53 -0.63 0.00	36.49 -0.74 0.00	39.89 -0.86 0.00	40.30 -0.70 0.00	41.69 -0.72 0.00	47.76 -0.78 0.00	52.84 -0.86 0.00	60.37 -1.04 0.00	59.32 -1.09 0.00	48.54 -0.89 0.00	41.82 -0.59 0.00	37.30 -0.76 0.00	34.49 -0.78 0.00	31.07 -0.44 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	34.33 0.61 0.00	29.41 -0.09 0.00	27.34 -0.33 0.00	26.64 -0.77 0.00	26.43 -0.87 0.00	26.51 -0.82 0.00	26.52 -0.71 0.00	27.09 -0.33 0.00	30.71 -0.15 0.00	33.10 -0.27 0.00	35.55 0.39 0.00	37.64 0.41 0.00	41.44 0.69 0.00	41.82 0.82 0.00	43.22 0.81 0.00	48.59 0.05 0.00	53.75 0.05 0.00	61.96 0.55 0.00	61.31 0.91 0.00	50.51 1.09 0.00	43.52 1.10 0.00	38.21 0.15 0.00	35.52 0.25 0.00	31.29 -0.22 0.00
EMPIRE_CC_1 323656	34.36 0.64 0.00	30.32 0.82 0.00	28.47 0.80 0.00	28.26 0.85 0.00	28.06 0.76 0.00	28.09 0.76 0.00	27.96 0.74 0.00	28.02 0.60 0.00	31.54 0.68 0.00	33.92 0.70 0.15	35.11 0.95 1.01	36.99 1.01 1.24	40.05 1.02 1.71	40.26 0.98 1.72	41.49 1.02 1.94	46.91 1.26 2.89	51.52 1.39 3.58	58.39 1.47 4.49	57.51 1.39 4.29	48.62 1.14 1.94	42.31 0.89 1.00	37.95 0.99 1.10	36.09 0.95 0.13	32.01 0.66 0.16
EMPIRE_CC_2 323658	34.36 0.64 0.00	30.32 0.82 0.00	28.47 0.80 0.00	28.26 0.85 0.00	28.06 0.76 0.00	28.09 0.76 0.00	27.96 0.74 0.00	28.02 0.60 0.00	31.54 0.68 0.00	33.92 0.70 0.15	35.11 0.95 1.01	36.99 1.01 1.24	40.05 1.02 1.71	40.26 0.98 1.72	41.49 1.02 1.94	46.91 1.26 2.89	51.52 1.39 3.58	58.39 1.47 4.49	57.51 1.39 4.29	48.62 1.14 1.94	42.31 0.89 1.00	37.95 0.99 1.10	36.09 0.95 0.13	32.01 0.66 0.16
ENORWICH_115KV_TB1 80156	37.68 3.64 -0.32	32.31 2.80 -0.01	30.08 2.41 0.00	29.63 2.22 0.00	29.43 2.13 0.00	29.46 2.13 0.00	29.38 2.15 0.00	30.00 2.58 0.00	33.87 2.90 -0.11	36.87 3.20 -0.29	39.05 3.34 -0.54	41.65 3.72 -0.70	46.06 4.36 -0.95	46.23 4.26 -0.97	47.77 4.28 -1.07	54.94 4.90 -1.50	60.92 5.58 -1.64	70.36 7.12 -1.83	69.59 7.49 -1.69	56.69 6.33 -0.94	48.42 5.47 -0.53	42.95 4.53 -0.37	39.54 3.88 -0.39	34.53 3.02 0.00
ERIE_ST__34_KV_TB1-2 80199	34.83 1.11 0.00	29.85 0.35 0.00	27.72 0.06 0.00	27.00 -0.41 0.00	26.75 -0.55 0.00	26.86 -0.46 0.00	26.90 -0.33 0.00	27.53 0.11 0.00	31.20 0.34 0.00	33.67 0.30 0.00	36.19 1.02 0.00	38.39 1.15 0.00	42.29 1.55 0.00	42.72 1.72 0.00	44.19 1.78 0.00	49.76 1.21 0.00	55.04 1.34 0.00	63.44 2.03 0.00	62.70 2.30 0.00	51.60 2.17 0.00	44.41 1.99 0.00	38.93 0.88 0.00	36.12 0.85 0.00	31.82 0.32 0.00
ERIE_WT_PWR 323693	34.63 0.91 0.00	29.68 0.18 0.00	27.61 -0.06 0.00	26.97 -0.44 0.00	26.70 -0.60 0.00	26.81 -0.52 0.00	27.23 0.00 0.00	27.61 0.19 0.00	30.99 0.12 0.00	33.40 0.03 0.00	35.97 0.81 0.00	38.02 0.78 0.00	41.56 0.81 0.00	42.14 1.15 0.00	43.60 1.19 0.00	48.93 0.39 0.00	53.70 0.00 0.00	62.45 1.04 0.00	61.61 1.21 0.00	51.00 1.58 0.00	43.73 1.32 0.00	38.55 0.49 0.00	36.05 0.77 0.00	31.54 0.03 0.00
ESPRGFLD_115KV_TB1 80157	36.75 3.03 0.00	31.95 2.45 0.00	29.83 2.16 0.00	29.44 2.03 0.00	29.18 1.88 0.00	29.21 1.89 0.00	29.08 1.85 0.00	29.56 2.14 0.00	33.27 2.41 0.00	35.91 2.57 0.03	37.90 2.92 0.19	40.61 3.61 0.23	44.51 4.07 0.31	44.58 3.89 0.32	45.96 3.90 0.36	52.57 4.56 0.53	58.20 5.16 0.66	66.72 6.14 0.83	66.08 6.46 0.79	54.55 5.49 0.36	47.07 4.84 0.18	41.93 4.07 0.20	38.81 3.56 0.02	34.28 2.80 0.03
ETNA_115_KV_TB1_REV_LBMP_C 345029	35.37 1.21 -0.44	30.37 0.86 -0.01	28.39 0.72 0.00	27.93 0.52 0.00	27.79 0.49 0.00	27.85 0.52 0.00	27.74 0.52 0.00	28.22 0.80 0.00	31.91 0.90 -0.15	34.75 0.97 -0.41	37.11 1.20 -0.75	39.54 1.34 -0.97	43.61 1.55 -1.32	43.90 1.56 -1.35	45.47 1.57 -1.49	52.27 1.65 -2.08	57.90 1.93 -2.27	66.52 2.58 -2.53	65.59 2.84 -2.34	53.20 2.47 -1.31	45.31 2.16 -0.74	40.20 1.64 -0.51	37.29 1.48 -0.54	32.52 1.01 0.00
ETNA____115KV_TB2 80207	35.37 1.21 -0.44	30.37 0.86 -0.01	28.39 0.72 0.00	27.93 0.52 0.00	27.79 0.49 0.00	27.85 0.52 0.00	27.74 0.52 0.00	28.22 0.80 0.00	31.91 0.90 -0.15	34.75 0.97 -0.41	37.11 1.20 -0.75	39.54 1.34 -0.97	43.61 1.55 -1.32	43.90 1.56 -1.35	45.47 1.57 -1.49	52.27 1.65 -2.08	57.90 1.93 -2.27	66.52 2.58 -2.53	65.59 2.84 -2.34	53.20 2.47 -1.31	45.31 2.16 -0.74	40.20 1.64 -0.51	37.29 1.48 -0.54	32.52 1.01 0.00
EUCLID____115KV_TB2 356179	33.89 -0.20 -0.37	29.18 -0.32 -0.01	27.34 -0.33 0.00	26.97 -0.44 0.00	26.84 -0.46 0.00	26.86 -0.46 0.00	26.76 -0.46 0.00	27.15 -0.27 0.00	30.71 -0.28 -0.13	33.45 -0.27 -0.35	35.69 -0.11 -0.63	38.01 -0.04 -0.82	41.82 -0.04 -1.12	42.10 -0.04 -1.14	43.59 -0.08 -1.26	50.06 -0.24 -1.76	55.41 -0.21 -1.92	63.43 -0.12 -2.15	62.33 -0.06 -1.99	50.53 0.00 -1.11	43.04 0.00 -0.62	38.38 -0.11 -0.43	35.65 -0.07 -0.46	31.26 -0.25 0.00
E_CANADA_CAP_HY 24051	37.46 3.74 0.00	32.57 3.07 0.00	30.38 2.71 0.00	30.04 2.63 0.00	29.67 2.37 0.00	29.70 2.38 0.00	29.65 2.42 0.00	29.92 2.49 0.00	33.58 2.72 0.00	36.10 2.77 0.04	38.05 3.17 0.28	40.98 4.10 0.35	44.87 4.60 0.48	44.86 4.34 0.48	46.07 4.20 0.54	52.78 5.05 0.81	58.34 5.64 1.00	66.85 6.69 1.26	66.64 7.43 1.20	55.30 6.42 0.54	47.90 5.77 0.28	42.66 4.91 0.31	39.50 4.27 0.04	34.87 3.40 0.05
E_CANADA_MHWK_HY 24050	34.09 0.37 0.00	29.79 0.29 0.00	27.92 0.25 0.00	27.66 0.25 0.00	27.54 0.25 0.00	27.57 0.25 0.00	27.50 0.27 0.00	27.69 0.27 0.00	31.17 0.31 0.00	33.74 0.37 0.00	35.66 0.49 0.00	37.75 0.52 0.00	41.36 0.61 0.00	41.53 0.53 0.00	42.96 0.55 0.00	49.13 0.58 0.00	54.29 0.59 0.00	62.21 0.80 0.00	61.19 0.78 0.00	50.11 0.69 0.00	42.97 0.55 0.00	38.59 0.53 0.00	35.70 0.42 0.00	31.76 0.25 0.00
E_FISHKILL____LBMP 23776	35.57 1.85 0.00	31.21 1.71 0.00	29.22 1.55 0.00	28.78 1.37 0.00	28.64 1.34 0.00	28.67 1.34 0.00	28.51 1.28 0.00	29.07 1.65 0.00	32.75 1.88 0.00	35.53 2.07 -0.09	38.38 2.60 -0.62	40.82 2.83 -0.76	44.84 3.06 -1.04	45.08 3.03 -1.05	46.86 3.27 -1.18	54.24 3.93 -1.76	60.18 4.30 -2.18	68.75 4.61 -2.74	67.37 4.35 -2.61	53.97 3.36 -1.18	45.74 2.71 -0.61	41.47 2.74 -0.67	37.89 2.54 -0.08	33.56 1.95 -0.10
FALCON____SEABRD_CC1 323796	33.89 0.17 0.00	29.65 0.15 0.00	27.86 0.20 0.00	27.60 0.19 0.00	27.60 0.30 0.00	27.66 0.33 0.00	27.50 0.27 0.00	27.61 0.19 0.00	31.02 0.16 0.00	33.50 0.13 0.00	34.92 -0.24 0.00	36.90 -0.34 0.00	40.34 -0.41 0.00	40.79 -0.20 0.00	42.20 -0.21 0.00	48.35 -0.19 0.00	53.49 -0.21 0.00	61.23 -0.18 0.00	60.11 -0.30 0.00	49.18 -0.25 0.00	42.37 -0.04 0.00	37.75 -0.31 0.00	34.88 -0.39 0.00	31.38 -0.13 0.00

FALCON___SEABRD_CC2 323797	33.89 0.17 0.00	29.65 0.15 0.00	27.86 0.20 0.00	27.60 0.19 0.00	27.60 0.30 0.00	27.66 0.33 0.00	27.50 0.27 0.00	27.61 0.19 0.00	31.02 0.16 0.00	33.50 0.13 0.00	34.92 -0.24 0.00	36.90 -0.34 0.00	40.34 -0.41 0.00	40.79 -0.20 0.00	42.20 -0.21 0.00	48.35 -0.19 0.00	53.49 -0.21 0.00	61.23 -0.18 0.00	60.11 -0.30 0.00	49.18 -0.25 0.00	42.37 -0.04 0.00	37.75 -0.31 0.00	34.88 -0.39 0.00	31.38 -0.13 0.00
FAR ROCKAWAY___4 23548	47.34 3.51 -10.11	46.29 3.10 -13.70	42.82 2.79 -12.36	39.16 2.52 -9.23	33.39 2.43 -3.66	34.49 2.43 -4.73	33.51 2.40 -3.89	32.78 2.85 -2.50	41.28 3.30 -7.11	46.84 3.67 -9.80	42.74 4.57 -3.00	66.89 5.06 -24.60	75.42 5.50 -29.18	58.38 5.49 -11.89	73.34 5.43 -25.50	63.74 6.46 -8.74	75.92 7.03 -15.19	73.28 7.74 -4.14	70.25 7.31 -2.53	58.28 6.18 -2.67	48.05 5.05 -0.59	46.33 4.91 -3.36	42.39 4.44 -2.67	41.79 3.59 -6.69
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.38 2.66 0.00	31.89 2.39 0.00	29.80 2.13 0.00	29.27 1.86 0.00	29.10 1.80 0.00	29.10 1.78 0.00	29.02 1.80 0.00	29.72 2.30 0.00	33.49 2.62 0.00	36.43 2.97 -0.09	39.42 3.66 -0.60	42.65 3.98 -1.43	46.03 4.28 -1.01	46.28 4.26 -1.02	48.05 4.50 -1.15	55.69 5.44 -1.71	61.72 5.91 -2.11	70.45 6.39 -2.66	68.86 5.92 -2.53	55.17 4.60 -1.15	46.82 3.82 -0.59	42.55 3.84 -0.65	38.95 3.60 -0.08	34.44 2.84 -0.10
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.42 2.70 0.00	31.89 2.39 0.00	29.80 2.13 0.00	29.27 1.86 0.00	29.10 1.80 0.00	29.13 1.80 0.00	29.02 1.80 0.00	29.72 2.30 0.00	33.52 2.65 0.00	36.43 2.97 -0.09	39.42 3.66 -0.60	42.65 3.98 -1.43	46.07 4.32 -1.01	46.32 4.30 -1.02	48.10 4.54 -1.15	55.74 5.49 -1.71	61.78 5.96 -2.11	70.45 6.39 -2.66	68.92 5.98 -2.53	55.17 4.60 -1.15	46.87 3.86 -0.59	42.55 3.84 -0.65	38.95 3.60 -0.08	34.44 2.84 -0.10
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.35 2.63 0.00	31.86 2.36 0.00	29.77 2.10 0.00	29.25 1.84 0.00	29.07 1.77 0.00	29.10 1.78 0.00	29.00 1.77 0.00	29.70 2.28 0.00	33.49 2.62 0.00	36.39 2.94 -0.09	39.38 3.62 -0.60	42.61 3.95 -1.43	45.99 4.24 -1.01	46.24 4.22 -1.02	48.01 4.45 -1.15	55.64 5.39 -1.71	61.67 5.85 -2.11	70.39 6.33 -2.66	68.80 5.86 -2.53	55.12 4.55 -1.15	46.78 3.78 -0.59	42.51 3.81 -0.65	38.91 3.56 -0.08	34.41 2.80 -0.10
FARRAGUT___LBMP 323566	36.35 2.63 0.00	31.83 2.33 0.00	29.74 2.08 0.00	29.22 1.81 0.00	29.05 1.75 0.00	29.08 1.75 0.00	28.97 1.74 0.00	29.67 2.25 0.00	33.46 2.59 0.00	36.36 2.90 -0.09	39.35 3.59 -0.60	42.53 3.87 -1.43	45.95 4.20 -1.01	46.20 4.18 -1.02	47.97 4.41 -1.15	55.59 5.34 -1.71	61.62 5.80 -2.11	70.33 6.26 -2.66	68.74 5.80 -2.53	55.07 4.50 -1.15	46.74 3.73 -0.59	42.48 3.77 -0.65	38.87 3.53 -0.08	34.38 2.77 -0.10
FENNER___WINDPWR 24204	35.20 1.15 -0.33	30.36 0.86 -0.01	28.39 0.72 0.00	28.10 0.69 0.00	27.93 0.63 0.00	27.96 0.63 0.00	27.93 0.71 0.00	28.22 0.80 0.00	31.87 0.90 -0.11	34.71 1.04 -0.31	36.93 1.20 -0.57	39.30 1.34 -0.73	43.21 1.46 -1.00	43.49 1.47 -1.02	45.06 1.52 -1.13	51.76 1.65 -1.57	57.24 1.83 -1.72	65.72 2.39 -1.91	64.66 2.48 -1.77	52.53 2.12 -0.99	44.79 1.82 -0.56	39.97 1.52 -0.38	37.02 1.34 -0.41	32.45 0.94 0.00
FIBERTEK___ENERGY 23856	34.70 0.17 -0.81	29.52 0.00 -0.02	27.64 -0.03 0.00	27.25 -0.16 0.00	27.14 -0.16 0.00	27.16 -0.16 0.00	27.06 -0.16 0.00	27.45 0.03 0.00	31.21 0.06 -0.28	34.29 0.17 -0.76	36.91 0.35 -1.39	39.47 0.45 -1.79	43.68 0.49 -2.45	43.99 0.49 -2.50	45.64 0.47 -2.76	52.73 0.34 -3.85	58.34 0.43 -4.21	66.78 0.68 -4.70	65.48 0.72 -4.35	52.49 0.64 -2.42	44.37 0.59 -1.36	39.34 0.34 -0.94	36.62 0.35 -1.00	31.64 0.13 0.00
FITZPATRICK____ 23598	28.41 -0.81 4.50	28.64 -0.74 0.12	26.95 -0.72 0.00	26.67 -0.74 0.00	26.54 -0.76 0.00	26.56 -0.76 0.00	26.52 -0.71 0.00	26.71 -0.71 0.00	28.47 -0.83 1.56	28.30 -0.87 4.20	26.72 -0.74 7.70	26.51 -0.78 9.94	26.27 -0.90 13.58	26.25 -0.86 13.89	26.14 -0.93 15.34	26.02 -1.17 21.36	29.00 -1.34 23.36	34.00 -1.35 26.06	35.00 -1.27 24.13	35.00 -0.99 13.44	34.00 -0.85 7.57	32.00 -0.84 5.22	29.00 -0.74 5.53	30.72 -0.79 0.00
FLOWRFLD_69_KV_BK1 356044	47.31 3.47 -10.11	46.24 3.04 -13.70	42.71 2.68 -12.36	39.08 2.44 -9.23	33.39 2.43 -3.66	34.49 2.43 -4.73	33.51 2.40 -3.89	32.75 2.82 -2.50	41.18 3.21 -7.11	46.84 3.67 -9.80	45.91 4.33 -6.42	66.38 4.54 -24.60	74.87 4.93 -29.20	295.16 4.96 -249.20	281.92 5.26 -234.25	327.76 6.26 -272.96	338.13 6.93 -277.50	322.89 7.55 -253.93	326.62 7.13 -259.09	279.04 5.63 -223.98	123.41 4.54 -76.46	96.93 4.45 -54.41	43.77 4.27 -4.24	41.71 3.50 -6.70
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.15 2.43 0.00	31.65 2.15 0.00	29.61 1.94 0.00	29.11 1.70 0.00	28.96 1.67 0.00	28.99 1.67 0.00	28.83 1.61 0.00	29.39 1.97 0.00	33.18 2.31 0.00	35.98 2.54 -0.07	38.87 3.24 -0.47	41.28 3.46 -0.58	45.46 3.91 -0.80	45.66 3.85 -0.80	47.43 4.11 -0.91	54.80 4.90 -1.35	60.80 5.42 -1.67	69.41 5.90 -2.10	68.09 5.68 -2.01	54.73 4.40 -0.91	46.45 3.56 -0.47	42.04 3.46 -0.51	38.44 3.10 -0.06	34.01 2.43 -0.08
FORT ORANGE____ 23900	34.56 0.84 0.00	30.36 0.86 0.00	28.53 0.86 0.00	28.31 0.90 0.00	28.12 0.82 0.00	28.12 0.79 0.00	27.99 0.76 0.00	28.11 0.69 0.00	31.67 0.80 0.00	34.13 0.83 0.07	35.77 1.09 0.48	37.60 0.97 0.60	41.02 1.10 0.82	41.15 0.98 0.83	42.45 0.98 0.93	48.41 1.26 1.39	53.38 1.39 1.72	60.91 1.66 2.16	60.10 1.75 2.06	49.93 1.43 0.93	43.17 1.23 0.48	38.79 1.25 0.53	36.34 1.13 0.06	32.25 0.82 0.08
FORT_DRUM_COGEN 23780	35.24 0.88 -0.65	30.05 0.53 -0.02	28.08 0.42 0.00	27.74 0.33 0.00	27.63 0.33 0.00	27.63 0.30 0.00	27.61 0.38 0.00	27.86 0.44 0.00	31.52 0.43 -0.22	34.54 0.57 -0.60	36.77 0.49 -1.11	39.03 0.37 -1.43	42.98 0.29 -1.95	43.36 0.37 -2.00	45.00 0.38 -2.21	51.95 0.34 -3.07	57.54 0.48 -3.36	66.26 1.11 -3.75	65.63 1.75 -3.47	53.23 1.88 -1.93	45.29 1.78 -1.09	40.33 1.52 -0.75	37.23 1.16 -0.79	32.33 0.82 0.00
FOX_HILLS___ESR 323835	56.41 2.90 -19.79	32.02 2.51 -0.02	29.95 2.27 -0.01	29.42 2.00 -0.01	29.25 1.94 -0.01	29.29 1.97 0.00	29.13 1.91 0.00	29.81 2.39 0.00	33.61 2.75 0.00	55.74 3.14 -19.23	55.18 3.83 -16.18	50.52 4.17 -9.12	47.27 4.56 -1.96	80.74 4.55 -35.19	89.15 4.75 -41.99	86.11 5.73 -31.84	81.16 6.01 -21.45	132.35 6.51 -64.43	140.32 6.10 -73.81	77.44 4.89 -23.12	77.35 4.20 -30.73	77.39 4.11 -35.22	54.10 3.81 -15.02	50.39 2.96 -15.92
FPL FAR_ROCK_GT1 24212	47.34 3.51 -10.11	46.21 3.01 -13.70	42.77 2.74 -12.36	39.25 2.61 -9.23	33.42 2.46 -3.66	34.55 2.49 -4.73	33.73 2.61 -3.89	32.75 2.82 -2.50	41.28 3.30 -7.11	46.87 3.70 -9.80	42.77 4.61 -3.00	66.85 5.02 -24.60	75.46 5.54 -29.18	58.42 5.53 -11.89	73.34 5.43 -25.50	63.74 6.46 -8.74	76.03 7.14 -15.19	73.28 7.74 -4.14	70.43 7.49 -2.53	58.12 6.03 -2.67	48.09 5.09 -0.59	46.29 4.87 -3.36	42.35 4.41 -2.67	41.79 3.59 -6.69

FPL FAR_ROCK_GT2 23815	47.34 3.51 -10.11	46.21 3.01 -13.70	42.77 2.74 -12.36	39.25 2.61 -9.23	33.42 2.46 -3.66	34.55 2.49 -4.73	33.73 2.61 -3.89	32.75 2.82 -2.50	41.28 3.30 -7.11	46.87 3.70 -9.80	42.77 4.61 -3.00	66.85 5.02 -24.60	75.46 5.54 -29.18	58.42 5.53 -11.89	73.34 5.43 -25.50	63.74 6.46 -8.74	76.03 7.14 -15.19	73.28 7.74 -4.14	70.43 7.49 -2.53	58.12 6.03 -2.67	48.09 5.09 -0.59	46.29 4.87 -3.36	42.35 4.41 -2.67	41.79 3.59 -6.69
FRANKLIN_FALL_HYD 24054	33.52 -0.20 0.00	29.32 -0.18 0.00	27.59 -0.08 0.00	27.47 0.05 0.00	27.41 0.11 0.00	27.52 0.19 0.00	27.55 0.33 0.00	27.39 -0.03 0.00	30.74 -0.12 0.00	33.24 -0.13 0.00	34.60 -0.56 0.00	36.52 -0.71 0.00	39.93 -0.81 0.00	40.46 -0.53 0.00	41.82 -0.59 0.00	47.86 -0.68 0.00	53.00 -0.70 0.00	60.67 -0.74 0.00	59.68 -0.72 0.00	48.73 -0.69 0.00	42.08 -0.34 0.00	37.49 -0.57 0.00	34.64 -0.63 0.00	31.16 -0.35 0.00
FREEPORT_EQUS_GT1 23764	47.04 3.21 -10.11	45.94 2.74 -13.70	42.52 2.49 -12.36	39.02 2.38 -9.23	33.20 2.24 -3.66	34.33 2.27 -4.73	33.54 2.42 -3.89	32.56 2.63 -2.50	41.03 3.06 -7.11	46.57 3.41 -9.80	42.21 4.04 -3.00	66.07 4.24 -24.60	74.57 4.64 -29.18	57.56 4.67 -11.89	72.87 4.96 -25.50	63.20 5.92 -8.74	75.49 6.60 -15.19	72.67 7.12 -4.14	69.76 6.82 -2.53	57.09 4.99 -2.67	47.38 4.37 -0.59	45.83 4.41 -3.36	42.00 4.05 -2.67	41.47 3.28 -6.69
FREEPORT___CT2 23818	47.04 3.21 -10.11	45.94 2.74 -13.70	42.52 2.49 -12.36	39.02 2.38 -9.23	33.20 2.24 -3.66	34.33 2.27 -4.73	33.54 2.42 -3.89	32.56 2.63 -2.50	41.03 3.06 -7.11	46.57 3.41 -9.80	42.21 4.04 -3.00	66.07 4.24 -24.60	74.57 4.64 -29.18	57.56 4.67 -11.89	72.87 4.96 -25.50	63.20 5.92 -8.74	75.49 6.60 -15.19	72.67 7.12 -4.14	69.76 6.82 -2.53	57.09 4.99 -2.67	47.38 4.37 -0.59	45.83 4.41 -3.36	42.00 4.05 -2.67	41.47 3.28 -6.69
FRESHKLS_33_KV_LOAD 356253	56.38 2.87 -19.79	31.99 2.48 -0.02	29.95 2.27 -0.01	29.42 2.00 -0.01	29.25 1.94 -0.01	29.29 1.97 0.00	29.11 1.88 0.00	29.78 2.36 0.00	33.58 2.72 0.00	55.14 3.07 -19.23	50.52 4.17 -16.18	47.27 4.56 -9.12	80.74 4.55 -1.96	89.19 4.79 -35.19	86.15 5.78 -41.99	81.27 6.12 -31.84	132.47 6.63 -21.45	140.44 6.22 -64.43	77.54 4.99 -73.81	77.39 4.24 -23.12	77.43 4.15 -30.73	54.14 3.84 -35.22	50.39 2.96 -15.02	50.39 2.96 -15.92
FULTON COGEN____ 23766	35.02 -0.17 -1.47	29.24 -0.29 -0.04	27.37 -0.30 0.00	27.00 -0.41 0.00	26.86 -0.44 0.00	26.89 -0.44 0.00	26.79 -0.44 0.00	27.15 -0.27 0.00	31.09 -0.28 -0.51	34.51 -0.23 -1.37	37.57 -0.11 -2.51	40.44 -0.04 -3.24	45.13 -0.04 -4.43	45.44 -0.08 -4.53	47.24 -0.17 -5.00	55.16 -0.34 -6.96	60.99 -0.32 -7.61	69.66 -0.25 -8.49	68.15 -0.12 -7.87	53.80 0.00 -4.38	44.97 0.08 -2.47	39.69 -0.08 -1.70	37.04 -0.04 -1.80	31.32 -0.19 0.00
FULTON___LFGE 323630	38.71 4.99 0.00	33.63 4.13 0.00	31.29 3.62 0.00	30.95 3.54 0.00	30.57 3.27 0.00	30.60 3.28 0.00	30.66 3.43 0.00	31.04 3.62 0.00	35.18 4.32 0.00	37.96 4.64 0.05	39.98 5.17 0.35	42.83 6.03 0.43	46.99 6.84 0.60	46.63 6.23 0.60	47.84 6.11 0.68	54.81 7.28 1.01	60.72 8.27 1.25	69.98 10.13 1.56	69.66 10.75 1.49	57.59 8.85 0.68	49.70 7.63 0.35	44.11 6.43 0.38	40.87 5.64 0.05	36.02 4.57 0.06
G.F.CEMENT___DRP 24184	35.81 2.09 0.00	31.42 1.92 0.00	29.39 1.72 0.00	28.97 1.56 0.00	28.77 1.47 0.00	28.80 1.48 0.00	28.62 1.39 0.00	28.98 1.56 0.00	32.78 1.91 0.00	35.39 2.10 0.09	36.80 2.22 0.58	38.97 2.46 0.72	42.37 2.61 0.98	42.22 2.21 0.99	43.37 2.08 1.12	49.50 2.62 1.67	54.97 3.33 2.06	62.94 4.11 2.59	62.59 4.65 2.47	52.26 3.95 1.12	45.11 3.27 0.58	40.28 2.85 0.63	37.70 2.50 0.08	33.37 1.95 0.09
GARDENVILLE___LBMP 24039	34.46 0.74 0.00	29.56 0.06 0.00	27.48 -0.19 0.00	26.75 -0.66 0.00	26.54 -0.76 0.00	26.62 -0.71 0.00	26.63 -0.60 0.00	27.23 -0.19 0.00	30.83 -0.03 0.00	33.27 -0.10 0.00	35.69 0.53 0.00	37.83 0.60 0.00	41.64 0.90 0.00	42.02 1.02 0.00	43.47 1.06 0.00	48.88 0.34 0.00	54.08 0.38 0.00	62.33 0.92 0.00	61.67 1.27 0.00	50.76 1.33 0.00	43.73 1.31 0.00	38.40 0.34 0.00	35.66 0.39 0.00	31.41 -0.09 0.00
GARDNVLA_35_KV_LD 355827	34.66 0.94 0.00	29.68 0.18 0.00	27.59 -0.08 0.00	26.89 -0.52 0.00	26.64 -0.66 0.00	26.75 -0.57 0.00	26.76 -0.46 0.00	27.37 -0.05 0.00	30.99 0.12 0.00	33.44 0.07 0.00	35.90 0.74 0.00	38.05 0.82 0.00	41.89 1.14 0.00	42.27 1.27 0.00	43.73 1.31 0.00	49.17 0.63 0.00	54.40 0.70 0.00	62.70 1.29 0.00	62.04 1.63 0.00	51.05 1.63 0.00	43.99 1.57 0.00	38.59 0.53 0.00	35.87 0.60 0.00	31.60 0.09 0.00
GELCKHM___115KV_LOAD 80723	34.15 -0.10 -0.53	29.31 -0.21 -0.01	27.45 -0.22 0.00	27.05 -0.36 0.00	26.94 -0.35 0.00	26.94 -0.38 0.00	26.85 -0.38 0.00	27.23 -0.19 0.00	30.86 -0.19 -0.18	33.73 -0.13 -0.49	36.10 0.04 -0.90	38.51 0.11 -1.16	42.46 0.12 -1.59	42.75 0.12 -1.63	44.29 0.08 -1.80	50.99 -0.05 -2.50	56.44 0.00 -2.73	64.58 0.12 -3.05	63.47 0.24 -2.83	51.24 0.25 -1.57	43.51 0.21 -0.89	38.71 0.04 -0.61	35.99 0.07 -0.65	31.38 -0.13 0.00
GENERAL___MILLS 23808	34.60 0.88 0.00	29.65 0.15 0.00	27.53 -0.14 0.00	26.83 -0.58 0.00	26.59 -0.71 0.00	26.70 -0.63 0.00	26.71 -0.52 0.00	27.31 -0.11 0.00	30.93 0.06 0.00	33.37 0.00 0.00	35.80 0.63 0.00	37.94 0.71 0.00	41.80 1.06 0.00	42.19 1.19 0.00	43.64 1.23 0.00	49.03 0.49 0.00	54.24 0.54 0.00	62.58 1.17 0.00	61.86 1.45 0.00	50.96 1.53 0.00	43.90 1.48 0.00	38.52 0.46 0.00	35.80 0.53 0.00	31.54 0.03 0.00
GE_PLASTICS___DRP 24183	34.43 0.71 0.00	30.30 0.80 0.00	28.47 0.80 0.00	28.12 0.71 0.00	27.98 0.68 0.00	27.98 0.66 0.00	27.77 0.54 0.00	28.08 0.66 0.00	31.60 0.74 0.00	34.08 0.77 0.06	35.80 1.02 0.38	37.47 0.71 0.47	40.87 0.77 0.65	41.04 0.70 0.65	42.40 0.72 0.73	48.42 0.97 1.10	53.26 0.91 1.35	60.69 0.98 1.70	59.75 0.97 1.62	49.58 0.89 0.73	42.72 0.68 0.38	38.56 0.91 0.42	36.10 0.88 0.05	32.08 0.63 0.06
GILBOA___1 23756	34.66 0.94 0.00	30.32 0.82 0.00	28.55 0.89 0.00	28.37 0.96 0.00	28.17 0.87 0.00	28.23 0.90 0.00	28.07 0.84 0.00	28.22 0.80 0.00	31.79 0.93 0.00	34.37 1.00 0.00	36.47 1.30 0.00	38.65 1.41 0.00	42.29 1.55 0.00	42.52 1.52 0.00	44.02 1.61 0.00	50.49 1.94 0.00	55.85 2.15 0.00	63.50 2.09 0.00	62.40 1.99 0.00	51.20 1.78 0.00	43.86 1.44 0.00	39.47 1.41 0.00	36.54 1.27 0.00	32.45 0.94 0.00
GILBOA___2 23757	34.66 0.94 0.00	30.32 0.82 0.00	28.55 0.89 0.00	28.37 0.96 0.00	28.17 0.87 0.00	28.23 0.90 0.00	28.07 0.84 0.00	28.22 0.80 0.00	31.79 0.93 0.00	34.37 1.00 0.00	36.47 1.30 0.00	38.65 1.41 0.00	42.29 1.55 0.00	42.52 1.52 0.00	44.02 1.61 0.00	50.49 1.94 0.00	55.85 2.15 0.00	63.50 2.09 0.00	62.40 1.99 0.00	51.20 1.78 0.00	43.86 1.44 0.00	39.47 1.41 0.00	36.54 1.27 0.00	32.45 0.94 0.00

GILBOA___3 23758	34.66 0.94 0.00	30.32 0.82 0.00	28.55 0.89 0.00	28.37 0.96 0.00	28.17 0.87 0.00	28.23 0.90 0.00	28.07 0.84 0.00	28.22 0.80 0.00	31.79 0.93 0.00	34.37 1.00 0.00	36.47 1.30 0.00	38.65 1.41 0.00	42.29 1.55 0.00	42.52 1.52 0.00	44.02 1.61 0.00	50.49 1.94 0.00	55.85 2.15 0.00	63.50 2.09 0.00	62.40 1.99 0.00	51.20 1.78 0.00	43.86 1.44 0.00	39.47 1.41 0.00	36.54 1.27 0.00	32.45 0.94 0.00
GILBOA___4 23759	34.66 0.94 0.00	30.32 0.82 0.00	28.55 0.89 0.00	28.37 0.96 0.00	28.17 0.87 0.00	28.23 0.90 0.00	28.07 0.84 0.00	28.22 0.80 0.00	31.79 0.93 0.00	34.37 1.00 0.00	36.47 1.30 0.00	38.65 1.41 0.00	42.29 1.55 0.00	42.52 1.52 0.00	44.02 1.61 0.00	50.49 1.94 0.00	55.85 2.15 0.00	63.50 2.09 0.00	62.40 1.99 0.00	51.20 1.78 0.00	43.86 1.44 0.00	39.47 1.41 0.00	36.54 1.27 0.00	32.45 0.94 0.00
GILBOA___ 23599	34.66 0.94 0.00	30.38 0.88 0.00	28.58 0.91 0.00	28.31 0.90 0.00	28.17 0.87 0.00	28.17 0.85 0.00	27.93 0.71 0.00	28.24 0.82 0.00	31.79 0.93 0.00	34.37 1.00 0.00	36.47 1.30 0.00	38.65 1.41 0.00	42.29 1.55 0.00	42.51 1.52 0.00	43.98 1.57 0.00	50.44 1.89 0.00	55.79 2.09 0.00	63.56 2.15 0.00	62.46 2.05 0.00	51.15 1.73 0.00	43.82 1.40 0.00	39.47 1.41 0.00	36.58 1.30 0.00	32.45 0.95 0.00
GINNA___ 23603	32.57 -1.15 0.00	28.17 -1.33 0.00	26.31 -1.36 0.00	25.85 -1.56 0.00	25.69 -1.61 0.00	25.71 -1.61 0.00	25.84 -1.39 0.00	26.19 -1.23 0.00	29.48 -1.39 0.00	31.97 -1.40 0.00	34.14 -1.02 0.00	36.12 -1.12 0.00	39.52 -1.22 0.00	39.85 -1.15 0.00	41.27 -1.14 0.00	46.70 -1.84 0.00	51.39 -2.31 0.00	59.57 -1.84 0.00	58.78 -1.63 0.00	48.19 -1.23 0.00	41.36 -1.06 0.00	36.77 -1.29 0.00	34.18 -1.09 0.00	30.09 -1.42 0.00
GLEN PARK___ 23778	35.58 1.18 -0.68	30.34 0.82 -0.02	28.31 0.64 0.00	27.99 0.58 0.00	27.87 0.57 0.00	27.87 0.55 0.00	27.88 0.65 0.00	28.11 0.69 0.00	31.75 0.65 -0.24	34.84 0.83 -0.64	37.10 0.77 -1.17	39.33 0.59 -1.50	43.33 0.53 -2.05	43.71 0.62 -2.10	45.41 0.68 -2.32	52.45 0.68 -3.23	58.04 0.81 -3.53	66.95 1.59 -3.94	66.29 2.24 -3.65	53.88 2.42 -2.03	45.81 2.25 -1.14	40.79 1.94 -0.79	37.62 1.52 -0.84	32.61 1.10 0.00
GLENDALE_27_KV_LOAD 356172	36.70 2.97 -0.01	32.12 2.63 0.00	30.03 2.35 -0.01	29.47 2.06 0.00	29.29 1.99 0.00	29.32 1.99 0.00	29.21 1.99 0.00	29.92 2.50 0.00	33.73 2.87 0.00	36.70 3.24 -0.10	41.94 3.97 -2.80	42.96 4.28 -1.45	46.45 4.69 -1.02	46.70 4.67 -1.02	48.39 4.83 -1.15	56.08 5.83 -1.71	61.94 6.12 -2.11	70.70 6.63 -2.66	69.10 6.16 -2.53	55.51 4.94 -1.15	47.25 4.24 -0.59	42.90 4.19 -0.66	39.27 3.92 -0.09	34.70 3.09 -0.10
GLENWOOD_IC_1_G5 23712	46.80 2.97 -10.11	45.82 2.63 -13.70	42.52 2.49 -12.36	38.86 2.22 -9.23	33.15 2.18 -3.66	34.22 2.16 -4.73	33.27 2.15 -3.89	32.53 2.60 -2.50	41.00 3.02 -7.11	46.37 3.20 -9.80	42.18 4.01 -3.00	66.07 4.24 -24.60	74.53 4.60 -29.18	57.52 4.63 -11.89	72.83 4.92 -25.50	63.16 5.87 -8.74	75.33 6.44 -15.19	72.55 7.00 -4.14	69.46 6.52 -2.53	57.14 5.04 -2.67	47.12 4.11 -0.59	45.49 4.07 -3.36	41.96 4.02 -2.67	41.41 3.21 -6.69
GLENWOOD_IC_2_G1 23688	46.80 2.97 -10.11	45.76 2.57 -13.70	42.38 2.35 -12.36	38.89 2.25 -9.23	33.09 2.13 -3.66	34.19 2.13 -4.73	33.40 2.29 -3.89	32.42 2.49 -2.50	40.87 2.90 -7.11	46.40 3.24 -9.80	42.14 3.97 -3.00	66.11 4.28 -24.60	74.61 4.68 -29.18	57.56 4.67 -11.89	72.87 4.96 -25.50	63.20 5.92 -8.74	75.49 6.60 -15.19	72.67 7.12 -4.14	69.70 6.76 -2.53	57.09 4.99 -2.67	47.21 4.20 -0.59	45.53 4.11 -3.36	41.79 3.85 -2.67	41.29 3.09 -6.69
GLENWOOD_IC_3_G1 23689	46.80 2.97 -10.11	45.76 2.57 -13.70	42.38 2.35 -12.36	38.89 2.25 -9.23	33.09 2.13 -3.66	34.19 2.13 -4.73	33.40 2.29 -3.89	32.42 2.49 -2.50	40.87 2.90 -7.11	46.40 3.24 -9.80	42.14 3.97 -3.00	66.11 4.28 -24.60	74.61 4.68 -29.18	57.56 4.67 -11.89	72.87 4.96 -25.50	63.20 5.92 -8.74	75.49 6.60 -15.19	72.67 7.12 -4.14	69.70 6.76 -2.53	57.09 4.99 -2.67	47.21 4.20 -0.59	45.53 4.11 -3.36	41.79 3.85 -2.67	41.29 3.09 -6.69
GLENWOOD___4 23550	46.83 3.00 -10.11	45.88 2.68 -13.70	42.52 2.49 -12.36	38.86 2.22 -9.23	33.15 2.18 -3.66	34.22 2.16 -4.73	33.27 2.15 -3.89	32.53 2.60 -2.50	41.00 3.02 -7.11	46.44 3.27 -9.80	42.21 4.04 -3.00	66.15 4.32 -24.60	74.65 4.73 -29.18	57.64 4.76 -11.89	72.96 5.05 -25.50	63.30 6.02 -8.74	75.50 6.61 -15.19	72.67 7.12 -4.14	69.64 6.71 -2.53	57.29 5.19 -2.67	47.21 4.20 -0.59	45.60 4.19 -3.36	41.96 4.02 -2.67	41.41 3.21 -6.69
GLENWOOD___5 23614	46.83 3.00 -10.11	45.88 2.68 -13.70	42.52 2.49 -12.36	38.86 2.22 -9.23	33.15 2.18 -3.66	34.22 2.16 -4.73	33.27 2.15 -3.89	32.53 2.60 -2.50	41.00 3.02 -7.11	46.44 3.27 -9.80	42.21 4.04 -3.00	66.15 4.32 -24.60	74.65 4.73 -29.18	57.64 4.76 -11.89	72.96 5.05 -25.50	63.30 6.02 -8.74	75.50 6.61 -15.19	72.67 7.12 -4.14	69.64 6.71 -2.53	57.29 5.19 -2.67	47.21 4.20 -0.59	45.60 4.19 -3.36	41.96 4.02 -2.67	41.41 3.21 -6.69
GLOBAL GREEN_PORT_GT1 23814	48.49 4.65 -10.11	47.03 3.83 -13.70	43.40 3.37 -12.36	39.87 3.23 -9.23	34.16 3.19 -3.66	35.31 3.25 -4.73	34.55 3.43 -3.89	33.49 3.56 -2.50	42.20 4.23 -7.11	48.27 5.11 -9.80	47.19 6.47 -5.56	68.98 7.15 -24.60	77.72 7.78 -29.19	238.16 7.75 -189.41	231.06 7.00 -181.65	263.13 8.21 -206.39	274.24 9.13 -211.41	262.42 10.01 -190.99	264.51 9.66 -194.45	224.76 7.12 -168.22	106.88 7.12 -57.34	86.23 6.62 -41.55	44.75 5.64 -3.84	42.77 4.57 -6.70
GLOBE___DSASP 323697	33.05 -0.67 0.00	28.32 -1.18 0.00	26.31 -1.36 0.00	25.90 -1.51 0.00	25.66 -1.64 0.00	25.74 -1.58 0.00	25.54 -1.69 0.00	26.05 -1.37 0.00	29.54 -1.33 0.00	31.80 -1.57 0.00	34.15 -1.02 0.00	36.08 -1.15 0.00	39.77 -0.98 0.00	40.01 -0.98 0.00	41.39 -1.02 0.00	46.45 -2.09 0.00	51.39 -2.31 0.00	59.26 -2.15 0.00	58.65 -1.75 0.00	48.29 -1.14 0.00	41.65 -0.76 0.00	36.61 -1.45 0.00	34.11 -1.16 0.00	30.09 -1.42 0.00
GOETHSLN___LBMP 323567	36.18 2.46 0.00	31.71 2.21 0.00	29.63 1.96 0.00	29.08 1.67 0.00	28.94 1.64 0.00	28.94 1.61 0.00	28.86 1.63 0.00	29.56 2.14 0.00	33.33 2.47 0.00	36.23 2.77 -0.09	39.21 3.45 -0.60	42.38 3.72 -1.43	45.79 4.03 -1.01	46.03 4.02 -1.02	47.76 4.20 -1.15	55.35 5.10 -1.71	61.35 5.53 -2.11	69.96 5.90 -2.66	68.38 5.44 -2.53	54.72 4.15 -1.15	46.53 3.52 -0.59	42.28 3.58 -0.65	38.73 3.39 -0.08	34.28 2.68 -0.10
GOLAH___69_KV_TB 1_2 80279	34.19 0.47 0.00	29.44 -0.06 0.00	27.45 -0.22 0.00	26.86 -0.55 0.00	26.70 -0.60 0.00	26.75 -0.57 0.00	26.68 -0.54 0.00	27.15 -0.27 0.00	30.68 -0.19 0.00	33.14 -0.23 0.00	35.31 0.14 0.00	37.31 0.07 0.00	41.03 0.29 0.00	41.24 0.25 0.00	42.79 0.38 0.00	48.25 -0.29 0.00	53.43 -0.27 0.00	61.78 0.37 0.00	61.13 0.72 0.00	50.26 0.84 0.00	43.31 0.89 0.00	38.29 0.23 0.00	35.55 0.28 0.00	31.38 -0.13 0.00

GOODYEAR_LAKE_HYD 323669	35.78 2.06 0.00	31.18 1.68 0.00	29.16 1.49 0.00	28.78 1.37 0.00	28.61 1.31 0.00	28.64 1.31 0.00	28.51 1.28 0.00	28.98 1.56 0.00	32.65 1.79 0.00	35.34 1.97 0.00	37.45 2.29 0.00	39.91 2.68 0.00	43.76 3.02 0.00	43.95 2.95 0.00	45.42 3.01 0.00	52.09 3.54 0.00	57.62 3.92 0.00	66.02 4.61 0.00	65.00 4.59 0.00	53.23 3.81 0.00	45.68 3.27 0.00	40.91 2.85 0.00	37.74 2.47 0.00	33.43 1.92 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.86 0.84 -0.30	30.07 0.56 -0.01	28.11 0.44 0.00	27.63 0.22 0.00	27.46 0.16 0.00	27.55 0.22 0.00	27.44 0.22 0.00	27.94 0.52 0.00	31.59 0.62 -0.10	34.32 0.67 -0.28	36.66 0.98 -0.51	39.05 1.15 -0.66	43.04 1.39 -0.91	43.32 1.39 -0.93	44.88 1.44 -1.02	51.37 1.41 -1.42	56.92 1.66 -1.56	65.23 2.09 -1.74	64.19 2.17 -1.61	52.20 1.88 -0.90	44.57 1.65 -0.50	39.55 1.14 -0.35	36.66 1.02 -0.37	32.14 0.63 0.00
GOUDEY___7 23579	34.90 0.88 -0.30	30.10 0.59 -0.01	28.14 0.47 0.00	27.66 0.25 0.00	27.49 0.19 0.00	27.57 0.25 0.00	27.47 0.25 0.00	27.97 0.55 0.00	31.62 0.65 -0.10	34.35 0.70 -0.28	36.70 1.02 -0.51	39.09 1.19 -0.66	43.08 1.43 -0.91	43.36 1.43 -0.93	44.92 1.48 -1.02	51.47 1.50 -1.42	56.98 1.72 -1.56	65.30 2.15 -1.74	64.25 2.24 -1.61	52.30 1.98 -0.90	44.62 1.70 -0.50	39.59 1.18 -0.35	36.70 1.06 -0.37	32.17 0.66 0.00
GOUDEY___8 23580	34.86 0.84 -0.30	30.07 0.56 -0.01	28.11 0.44 0.00	27.63 0.22 0.00	27.46 0.16 0.00	27.55 0.22 0.00	27.44 0.22 0.00	27.94 0.52 0.00	31.59 0.62 -0.10	34.32 0.67 -0.28	36.66 0.98 -0.51	39.05 1.15 -0.66	43.04 1.39 -0.91	43.32 1.39 -0.93	44.88 1.44 -1.02	51.37 1.41 -1.42	56.92 1.66 -1.56	65.23 2.09 -1.74	64.19 2.17 -1.61	52.20 1.88 -0.90	44.57 1.65 -0.50	39.55 1.14 -0.35	36.66 1.02 -0.37	32.14 0.63 0.00
GOWANUS_GT1_1 24077	56.48 2.97 -19.79	32.11 2.60 -0.02	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.35 2.02 0.00	29.19 1.96 0.00	29.89 2.47 0.00	33.70 2.84 0.00	55.84 3.24 -19.23	55.29 3.94 -16.18	50.63 4.28 -9.12	47.39 4.69 -1.96	80.82 4.63 -35.19	89.23 4.83 -41.99	86.15 5.78 -31.84	81.27 6.12 -21.45	132.47 6.63 -64.43	140.38 6.16 -73.81	77.49 4.94 -23.12	77.39 4.24 -30.73	77.47 4.19 -35.22	54.17 3.88 -15.02	50.49 3.06 -15.92
GOWANUS_GT1_2 24078	56.48 2.97 -19.79	32.11 2.60 -0.02	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.35 2.02 0.00	29.19 1.96 0.00	29.89 2.47 0.00	33.70 2.84 0.00	55.84 3.24 -19.23	55.29 3.94 -16.18	50.63 4.28 -9.12	47.39 4.69 -1.96	80.82 4.63 -35.19	89.23 4.83 -41.99	86.15 5.78 -31.84	81.27 6.12 -21.45	132.47 6.63 -64.43	140.38 6.16 -73.81	77.49 4.94 -23.12	77.39 4.24 -30.73	77.47 4.19 -35.22	54.17 3.88 -15.02	50.49 3.06 -15.92
GOWANUS_GT1_3 24079	56.48 2.97 -19.79	32.11 2.60 -0.02	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.35 2.02 0.00	29.19 1.96 0.00	29.89 2.47 0.00	33.70 2.84 0.00	55.84 3.24 -19.23	55.29 3.94 -16.18	50.63 4.28 -9.12	47.39 4.69 -1.96	80.82 4.63 -35.19	89.23 4.83 -41.99	86.15 5.78 -31.84	81.27 6.12 -21.45	132.47 6.63 -64.43	140.38 6.16 -73.81	77.49 4.94 -23.12	77.39 4.24 -30.73	77.47 4.19 -35.22	54.17 3.88 -15.02	50.49 3.06 -15.92
GOWANUS_GT1_4 24080	56.48 2.97 -19.79	32.11 2.60 -0.02	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.35 2.02 0.00	29.19 1.96 0.00	29.89 2.47 0.00	33.70 2.84 0.00	55.84 3.24 -19.23	55.29 3.94 -16.18	50.63 4.28 -9.12	47.39 4.69 -1.96	80.82 4.63 -35.19	89.23 4.83 -41.99	86.15 5.78 -31.84	81.27 6.12 -21.45	132.47 6.63 -64.43	140.38 6.16 -73.81	77.49 4.94 -23.12	77.39 4.24 -30.73	77.47 4.19 -35.22	54.17 3.88 -15.02	50.49 3.06 -15.92
GOWANUS_GT1_5 24084	56.48 2.97 -19.79	32.11 2.60 -0.02	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.35 2.02 0.00	29.19 1.96 0.00	29.89 2.47 0.00	33.70 2.84 0.00	55.84 3.24 -19.23	55.29 3.94 -16.18	50.63 4.28 -9.12	47.39 4.69 -1.96	80.82 4.63 -35.19	89.23 4.83 -41.99	86.15 5.78 -31.84	81.27 6.12 -21.45	132.47 6.63 -64.43	140.38 6.16 -73.81	77.49 4.94 -23.12	77.39 4.24 -30.73	77.47 4.19 -35.22	54.17 3.88 -15.02	50.49 3.06 -15.92
GOWANUS_GT1_6 24111	56.48 2.97 -19.79	32.11 2.60 -0.02	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.35 2.02 0.00	29.19 1.96 0.00	29.89 2.47 0.00	33.70 2.84 0.00	55.84 3.24 -19.23	55.29 3.94 -16.18	50.63 4.28 -9.12	47.39 4.69 -1.96	80.82 4.63 -35.19	89.23 4.83 -41.99	86.15 5.78 -31.84	81.27 6.12 -21.45	132.47 6.63 -64.43	140.38 6.16 -73.81	77.49 4.94 -23.12	77.39 4.24 -30.73	77.47 4.19 -35.22	54.17 3.88 -15.02	50.49 3.06 -15.92
GOWANUS_GT1_7 24112	56.48 2.97 -19.79	32.11 2.60 -0.02	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.35 2.02 0.00	29.19 1.96 0.00	29.89 2.47 0.00	33.70 2.84 0.00	55.84 3.24 -19.23	55.29 3.94 -16.18	50.63 4.28 -9.12	47.39 4.69 -1.96	80.82 4.63 -35.19	89.23 4.83 -41.99	86.15 5.78 -31.84	81.27 6.12 -21.45	132.47 6.63 -64.43	140.38 6.16 -73.81	77.49 4.94 -23.12	77.39 4.24 -30.73	77.47 4.19 -35.22	54.17 3.88 -15.02	50.49 3.06 -15.92
GOWANUS_GT1_8 24113	56.48 2.97 -19.79	32.11 2.60 -0.02	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.35 2.02 0.00	29.19 1.96 0.00	29.89 2.47 0.00	33.70 2.84 0.00	55.84 3.24 -19.23	55.29 3.94 -16.18	50.63 4.28 -9.12	47.39 4.69 -1.96	80.82 4.63 -35.19	89.23 4.83 -41.99	86.15 5.78 -31.84	81.27 6.12 -21.45	132.47 6.63 -64.43	140.38 6.16 -73.81	77.49 4.94 -23.12	77.39 4.24 -30.73	77.47 4.19 -35.22	54.17 3.88 -15.02	50.49 3.06 -15.92
GOWANUS_GT2_1 24114	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.32 3.97 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.61 6.40 -73.81	77.44 4.89 -23.12	77.43 4.28 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.06 -15.92
GOWANUS_GT2_2 24115	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.32 3.97 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.61 6.40 -73.81	77.44 4.89 -23.12	77.43 4.28 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.06 -15.92
GOWANUS_GT2_3 24116	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.32 3.97 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.61 6.40 -73.81	77.44 4.89 -23.12	77.43 4.28 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.06 -15.92

GOWANUS_GT2_4 24117	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.32 3.97 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.61 6.40 -73.81	77.44 4.89 -23.12	77.43 4.28 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.06 -15.92
GOWANUS_GT2_5 24118	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.32 3.97 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.61 6.40 -73.81	77.44 4.89 -23.12	77.43 4.28 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.06 -15.92
GOWANUS_GT2_6 24119	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.32 3.97 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.61 6.40 -73.81	77.44 4.89 -23.12	77.43 4.28 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.06 -15.92
GOWANUS_GT2_7 24120	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.32 3.97 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.61 6.40 -73.81	77.44 4.89 -23.12	77.43 4.28 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.06 -15.92
GOWANUS_GT2_8 24121	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.32 3.97 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.61 6.40 -73.81	77.44 4.89 -23.12	77.43 4.28 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.06 -15.92
GOWANUS_GT3_1 24122	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.32 3.97 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.61 6.40 -73.81	77.44 4.89 -23.12	77.43 4.28 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.06 -15.92
GOWANUS_GT3_2 24123	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.32 3.97 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.61 6.40 -73.81	77.44 4.89 -23.12	77.43 4.28 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.

GOWANUS_GT4_3 24132	56.48 2.97 -19.79	32.11 2.60 -0.02	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.35 2.02 0.00	29.19 1.96 0.00	29.89 2.47 0.00	33.70 2.84 0.00	55.84 3.24 -19.23	55.29 3.94 -16.18	50.63 4.28 -9.12	47.39 4.69 -1.96	80.82 4.63 -35.19	89.23 4.83 -41.99	86.15 5.78 -31.84	81.27 6.12 -21.45	132.47 6.63 -64.43	140.38 6.16 -73.81	77.49 4.94 -23.12	77.39 4.24 -30.73	77.47 4.19 -35.22	54.17 3.88 -15.02	50.49 3.06 -15.92
GOWANUS_GT4_4 24133	56.48 2.97 -19.79	32.11 2.60 -0.02	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.35 2.02 0.00	29.19 1.96 0.00	29.89 2.47 0.00	33.70 2.84 0.00	55.84 3.24 -19.23	55.29 3.94 -16.18	50.63 4.28 -9.12	47.39 4.69 -1.96	80.82 4.63 -35.19	89.23 4.83 -41.99	86.15 5.78 -31.84	81.27 6.12 -21.45	132.47 6.63 -64.43	140.38 6.16 -73.81	77.49 4.94 -23.12	77.39 4.24 -30.73	77.47 4.19 -35.22	54.17 3.88 -15.02	50.49 3.06 -15.92
GOWANUS_GT4_5 24134	56.48 2.97 -19.79	32.11 2.60 -0.02	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.35 2.02 0.00	29.19 1.96 0.00	29.89 2.47 0.00	33.70 2.84 0.00	55.84 3.24 -19.23	55.29 3.94 -16.18	50.63 4.28 -9.12	47.39 4.69 -1.96	80.82 4.63 -35.19	89.23 4.83 -41.99	86.15 5.78 -31.84	81.27 6.12 -21.45	132.47 6.63 -64.43	140.38 6.16 -73.81	77.49 4.94 -23.12	77.39 4.24 -30.73	77.47 4.19 -35.22	54.17 3.88 -15.02	50.49 3.06 -15.92
GOWANUS_GT4_6 24135	56.48 2.97 -19.79	32.11 2.60 -0.02	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.35 2.02 0.00	29.19 1.96 0.00	29.89 2.47 0.00	33.70 2.84 0.00	55.84 3.24 -19.23	55.29 3.94 -16.18	50.63 4.28 -9.12	47.39 4.69 -1.96	80.82 4.63 -35.19	89.23 4.83 -41.99	86.15 5.78 -31.84	81.27 6.12 -21.45	132.47 6.63 -64.43	140.38 6.16 -73.81	77.49 4.94 -23.12	77.39 4.24 -30.73	77.47 4.19 -35.22	54.17 3.88 -15.02	50.49 3.06 -15.92
GOWANUS_GT4_7 24136	56.48 2.97 -19.79	32.11 2.60 -0.02	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.35 2.02 0.00	29.19 1.96 0.00	29.89 2.47 0.00	33.70 2.84 0.00	55.84 3.24 -19.23	55.29 3.94 -16.18	50.63 4.28 -9.12	47.39 4.69 -1.96	80.82 4.63 -35.19	89.23 4.83 -41.99	86.15 5.78 -31.84	81.27 6.12 -21.45	132.47 6.63 -64.43	140.38 6.16 -73.81	77.49 4.94 -23.12	77.39 4.24 -30.73	77.47 4.19 -35.22	54.17 3.88 -15.02	50.49 3.06 -15.92
GOWANUS_GT4_8 24137	56.48 2.97 -19.79	32.11 2.60 -0.02	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.35 2.02 0.00	29.19 1.96 0.00	29.89 2.47 0.00	33.70 2.84 0.00	55.84 3.24 -19.23	55.29 3.94 -16.18	50.63 4.28 -9.12	47.39 4.69 -1.96	80.82 4.63 -35.19	89.23 4.83 -41.99	86.15 5.78 -31.84	81.27 6.12 -21.45	132.47 6.63 -64.43	140.38 6.16 -73.81	77.49 4.94 -23.12	77.39 4.24 -30.73	77.47 4.19 -35.22	54.17 3.88 -15.02	50.49 3.06 -15.92
GREENBSH_115KV_TB3 55895	34.29 0.57 0.00	30.24 0.74 0.00	28.42 0.75 0.00	28.07 0.66 0.00	27.93 0.63 0.00	27.93 0.60 0.00	27.69 0.46 0.00	28.00 0.58 0.00	31.51 0.65 0.00	33.93 0.63 0.08	35.53 0.88 0.52	37.41 0.82 0.64	40.72 0.86 0.88	40.90 0.78 0.88	42.22 0.81 1.00	48.13 1.07 1.48	52.94 1.07 1.84	60.33 1.23 2.30	59.41 1.21 2.20	49.47 1.04 1.00	42.71 0.81 0.51	38.41 0.91 0.56	36.05 0.85 0.07	32.02 0.60 0.08
GREENEDGE_115KV_TB5 80291	35.05 1.08 -0.25	30.04 0.53 -0.01	28.03 0.36 0.00	27.47 0.05 0.00	27.30 0.00 0.00	27.35 0.03 0.00	27.34 0.11 0.00	27.89 0.47 0.00	31.57 0.62 -0.09	34.27 0.67 -0.23	36.61 1.02 -0.42	38.97 1.19 -0.54	42.55 1.06 -0.74	42.87 1.11 -0.76	44.40 1.15 -0.84	50.54 0.83 -1.17	56.05 1.07 -1.28	64.62 1.78 -1.43	63.90 2.17 -1.32	52.14 1.98 -0.74	44.57 1.74 -0.41	39.37 1.03 -0.29	36.60 1.02 -0.30	31.98 0.47 0.00
GREENIDGE___3 23582	35.05 1.08 -0.25	30.04 0.53 -0.01	28.03 0.36 0.00	27.47 0.05 0.00	27.30 0.00 0.00	27.35 0.03 0.00	27.34 0.11 0.00	27.89 0.47 0.00	31.57 0.62 -0.09	34.27 0.67 -0.23	36.61 1.02 -0.42	38.97 1.19 -0.54	42.55 1.06 -0.74	42.87 1.11 -0.76	44.40 1.15 -0.84	50.54 0.83 -1.17	56.05 1.07 -1.28	64.62 1.78 -1.43	63.90 2.17 -1.32	52.14 1.98 -0.74	44.57 1.74 -0.41	39.37 1.03 -0.29	36.60 1.02 -0.30	31.98 0.47 0.00
GREENIDGE___4 23583	35.05 1.08 -0.25	30.06 0.56 -0.01	28.06 0.39 0.00	27.55 0.14 0.00	27.35 0.05 0.00	27.46 0.14 0.00	27.66 0.43 0.00	28.02 0.60 0.00	31.57 0.62 -0.09	34.30 0.70 -0.23	36.68 1.09 -0.42	38.97 1.19 -0.54	42.43 0.94 -0.74	42.82 1.06 -0.76	44.31 1.06 -0.84	50.44 0.73 -1.17	55.79 0.81 -1.28	64.56 1.72 -1.43	63.78 2.05 -1.32	52.14 1.98 -0.74	44.48 1.65 -0.41	39.37 1.03 -0.29	36.70 1.13 -0.30	31.98 0.47 0.00
GREENLWN_69_KV_BK 3 55738	46.46 2.63 -10.11	45.68 2.48 -13.70	42.24 2.21 -12.36	38.61 1.97 -9.23	32.87 1.91 -3.66	33.97 1.91 -4.73	33.02 1.91 -3.89	32.31 2.39 -2.50	40.69 2.72 -7.11	46.14 2.97 -9.80	41.09 3.48 -2.44	65.63 3.80 -24.60	74.03 4.12 -29.17	18.13 4.18 27.05	38.11 4.45 8.75	19.27 5.34 34.61	31.76 5.91 27.85	30.88 6.33 36.85	26.76 5.92 39.56	20.48 4.70 33.64	34.25 3.69 11.86	36.65 3.62 5.02	41.07 3.39 -2.42	40.81 2.62 -6.68
GREENWD_138_KV_38B11_REV_LBMP_J 345004	56.48 2.97 -19.79	32.11 2.60 -0.02	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.35 2.02 0.00	29.19 1.96 0.00	29.89 2.47 0.00	33.70 2.84 0.00	55.84 3.24 -19.23	55.29 3.94 -16.18	50.63 4.28 -9.12	47.39 4.69 -1.96	80.82 4.63 -35.19	89.23 4.83 -41.99	86.15 5.78 -31.84	81.27 6.12 -21.45	132.47 6.63 -64.43	140.38 6.16 -73.81	77.49 4.94 -23.12	77.39 4.24 -30.73	77.47 4.19 -35.22	54.17 3.88 -15.02	50.49 3.06 -15.92
GRISSOM___SOLAR 323813	38.71 4.99 0.00	33.63 4.13 0.00	31.29 3.62 0.00	30.95 3.54 0.00	30.57 3.27 0.00	30.60 3.28 0.00	30.66 3.43 0.00	31.04 3.62 0.00	35.18 4.32 0.00	37.96 4.64 0.05	39.98 5.17 0.35	42.83 6.03 0.43	46.99 6.84 0.60	46.63 6.23 0.60	47.84 6.11 0.68	54.81 7.28 1.01	60.72 8.27 1.25	69.98 10.13 1.56	69.66 10.75 1.49	57.59 8.85 0.68	49.70 7.63 0.35	44.11 6.43 0.38	40.87 5.64 0.05	36.02 4.57 0.06
GROVEVILLE___HYD 323602	36.15 2.43 0.00	31.65 2.15 0.00	29.61 1.94 0.00	29.11 1.70 0.00	28.96 1.67 0.00	28.99 1.67 0.00	28.83 1.61 0.00	29.39 1.97 0.00	33.18 2.31 0.00	35.98 2.54 -0.07	38.87 3.24 -0.47	41.28 3.46 -0.58	45.46 3.91 -0.80	45.66 3.85 -0.80	47.43 4.11 -0.91	54.80 4.90 -1.35	60.80 5.42 -1.67	69.41 5.90 -2.10	68.09 5.68 -2.01	54.73 4.40 -0.91	46.45 3.56 -0.47	42.04 3.46 -0.51	38.44 3.10 -0.06	34.01 2.43 -0.08
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.70 0.17 -0.81	29.52 0.00 -0.02	27.64 -0.03 0.00	27.25 -0.16 0.00	27.14 -0.16 0.00	27.16 -0.16 0.00	27.06 -0.16 0.00	27.45 0.03 0.00	31.21 0.06 -0.28	34.29 0.17 -0.76	36.91 0.35 -1.39	39.47 0.45 -1.79	43.68 0.49 -2.45	43.99 0.49 -2.50	45.64 0.47 -2.76	52.73 0.34 -3.85	58.34 0.43 -4.21	66.78 0.68 -4.70	65.48 0.72 -4.35	52.49 0.64 -2.42	44.37 0.59 -1.36	39.34 0.34 -0.94	36.62 0.35 -1.00	31.64 0.13 0.00

HAMLTNNY_34_KV_TB 80303	34.85 0.30 -0.83	29.61 0.09 -0.02	27.70 0.03 0.00	27.30 -0.11 0.00	27.16 -0.14 0.00	27.19 -0.14 0.00	27.09 -0.14 0.00	27.50 0.08 0.00	31.31 0.15 -0.29	34.38 0.23 -0.78	37.04 0.46 -1.42	39.63 0.56 -1.84	43.90 0.65 -2.51	44.22 0.66 -2.56	45.88 0.64 -2.83	53.02 0.53 -3.94	58.66 0.64 -4.31	67.14 0.92 -4.81	65.89 1.03 -4.46	52.79 0.89 -2.48	44.58 0.76 -1.40	39.52 0.49 -0.96	36.75 0.46 -1.02	31.70 0.19 0.00
HAMPSHIRE___PAPER_HYD 323593	33.92 -0.07 -0.27	29.36 -0.15 -0.01	27.50 -0.17 0.00	27.22 -0.19 0.00	27.19 -0.11 0.00	27.22 -0.11 0.00	27.12 -0.11 0.00	27.31 -0.11 0.00	30.77 -0.18 -0.09	33.45 -0.17 -0.25	35.17 -0.46 -0.46	37.30 -0.52 -0.59	40.95 -0.61 -0.81	41.29 -0.53 -0.83	42.73 -0.59 -0.92	49.19 -0.63 -1.28	54.40 -0.70 -1.39	62.47 -0.49 -1.56	61.61 -0.24 -1.44	50.23 0.00 -0.80	43.04 0.17 -0.45	38.41 0.04 -0.31	35.49 -0.11 -0.33	31.45 -0.06 0.00
HARDSCRABBLE_WT_PWR 323673	34.16 0.44 0.00	29.85 0.36 0.00	28.00 0.33 0.00	27.74 0.33 0.00	27.60 0.30 0.00	27.63 0.30 0.00	27.55 0.33 0.00	27.75 0.33 0.00	31.26 0.40 0.00	33.84 0.47 0.00	35.76 0.60 0.00	37.86 0.63 0.00	41.48 0.73 0.00	41.65 0.65 0.00	43.05 0.64 0.00	49.27 0.73 0.00	54.45 0.75 0.00	62.33 0.92 0.00	61.31 0.91 0.00	50.21 0.79 0.00	43.05 0.64 0.00	38.63 0.57 0.00	35.73 0.46 0.00	31.79 0.28 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.91 2.19 0.00	31.45 1.95 0.00	29.41 1.74 0.00	28.92 1.51 0.00	28.77 1.47 0.00	28.80 1.48 0.00	28.67 1.44 0.00	29.23 1.81 0.00	32.99 2.13 0.00	35.75 2.30 -0.07	38.63 2.95 -0.51	41.02 3.16 -0.63	45.15 3.54 -0.86	45.35 3.48 -0.86	47.12 3.73 -0.98	54.46 4.47 -1.45	60.44 4.94 -1.80	69.01 5.34 -2.26	67.63 5.07 -2.15	54.35 3.95 -0.97	46.14 3.22 -0.50	41.77 3.16 -0.55	38.19 2.86 -0.07	33.83 2.24 -0.08
HARSNRAD_115KV_TB1 81005	34.06 0.34 0.00	29.17 -0.32 0.00	27.12 -0.55 0.00	26.34 -1.07 0.00	26.13 -1.17 0.00	26.18 -1.15 0.00	26.22 -1.01 0.00	26.74 -0.69 0.00	30.31 -0.56 0.00	32.64 -0.73 0.00	35.06 -0.11 0.00	37.08 -0.15 0.00	40.87 0.12 0.00	41.16 0.16 0.00	42.58 0.17 0.00	47.81 -0.73 0.00	52.90 -0.81 0.00	61.04 -0.37 0.00	60.47 0.06 0.00	49.77 0.35 0.00	42.92 0.51 0.00	37.72 -0.34 0.00	35.09 -0.18 0.00	30.97 -0.54 0.00
HARZA MOOSE___RIVER 24016	35.06 1.11 -0.23	30.33 0.83 -0.01	28.36 0.69 0.00	28.04 0.63 0.00	27.93 0.63 0.00	27.96 0.63 0.00	27.85 0.63 0.00	28.19 0.77 0.00	31.81 0.86 -0.08	34.55 0.97 -0.21	36.54 0.98 -0.39	38.82 1.08 -0.50	42.66 1.22 -0.69	42.93 1.23 -0.70	44.42 1.23 -0.78	51.03 1.41 -1.08	56.44 1.56 -1.18	64.88 2.15 -1.32	63.98 2.36 -1.22	52.18 2.08 -0.68	44.62 1.82 -0.38	39.88 1.56 -0.26	36.82 1.27 -0.28	32.49 0.98 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	34.09 -0.07 -0.44	29.33 -0.18 -0.01	27.48 -0.19 0.00	27.08 -0.33 0.00	26.94 -0.35 0.00	26.97 -0.36 0.00	26.87 -0.35 0.00	27.26 -0.16 0.00	30.86 -0.15 -0.15	33.68 -0.10 -0.41	36.02 0.11 -0.75	38.35 0.15 -0.97	42.24 0.16 -1.33	42.52 0.16 -1.36	44.04 0.13 -1.50	50.63 0.00 -2.09	56.04 0.05 -2.28	64.14 0.18 -2.55	63.01 0.24 -2.36	50.98 0.25 -1.31	43.37 0.21 -0.74	38.61 0.04 -0.51	35.92 0.11 -0.54	31.41 -0.09 0.00
HELLGATE_13_KV_LD 55870	36.49 2.77 -0.01	31.95 2.45 0.00	29.89 2.21 -0.01	29.36 1.95 0.00	29.19 1.88 0.00	29.19 1.86 0.00	29.08 1.85 0.00	29.78 2.36 0.00	33.55 2.69 0.00	36.47 3.00 -0.10	41.66 3.69 -2.80	42.67 3.98 -1.45	46.12 4.36 -1.02	46.41 4.39 -1.02	48.10 4.54 -1.15	55.69 5.44 -1.71	61.51 5.69 -2.12	70.15 6.08 -2.66	68.62 5.68 -2.54	55.12 4.55 -1.15	46.95 3.94 -0.59	42.64 3.92 -0.66	39.02 3.67 -0.09	34.51 2.90 -0.10
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.49 2.77 -0.01	31.95 2.45 0.00	29.89 2.21 -0.01	29.36 1.95 0.00	29.19 1.88 0.00	29.19 1.86 0.00	29.08 1.85 0.00	29.78 2.36 0.00	33.55 2.69 0.00	36.47 3.00 -0.10	41.66 3.69 -2.80	42.67 3.98 -1.45	46.12 4.36 -1.02	46.41 4.39 -1.02	48.10 4.54 -1.15	55.69 5.44 -1.71	61.51 5.69 -2.12	70.15 6.08 -2.66	68.62 5.68 -2.54	55.12 4.55 -1.15	46.95 3.94 -0.59	42.64 3.92 -0.66	39.02 3.67 -0.09	34.51 2.90 -0.10
HEMPSTEAD____ 23647	46.70 2.86 -10.11	45.68 2.48 -13.70	42.30 2.27 -12.36	38.84 2.19 -9.23	33.04 2.07 -3.66	34.14 2.08 -4.73	33.35 2.23 -3.89	32.36 2.44 -2.50	40.81 2.84 -7.11	46.30 3.14 -9.80	42.04 3.87 -3.00	65.93 4.10 -24.60	74.45 4.52 -29.18	57.40 4.51 -11.89	72.70 4.79 -25.50	63.01 5.73 -8.74	75.28 6.39 -15.19	72.42 6.88 -4.14	69.47 6.53 -2.53	56.84 4.75 -2.67	47.08 4.07 -0.59	45.45 4.03 -3.36	41.68 3.74 -2.67	41.22 3.03 -6.69
HEWLETT_69_KV_BK3 55828	47.14 3.30 -10.11	46.09 2.89 -13.70	42.65 2.63 -12.36	39.00 2.36 -9.23	33.26 2.29 -3.66	34.36 2.30 -4.73	33.35 2.23 -3.89	32.64 2.71 -2.50	41.09 3.12 -7.11	46.64 3.47 -9.80	42.46 4.29 -3.00	66.56 4.73 -24.60	75.06 5.13 -29.18	58.05 5.17 -11.89	73.17 5.26 -25.50	63.50 6.21 -8.74	75.71 6.82 -15.19	72.98 7.43 -4.14	70.01 7.07 -2.53	57.88 5.78 -2.67	47.71 4.71 -0.59	46.02 4.61 -3.36	42.14 4.20 -2.67	41.57 3.37 -6.69
HICKLING___1 23621	35.21 1.25 -0.25	30.27 0.77 -0.01	28.20 0.53 0.00	27.57 0.16 0.00	27.41 0.11 0.00	27.49 0.16 0.00	27.44 0.22 0.00	28.08 0.66 0.00	31.78 0.83 -0.09	34.47 0.87 -0.23	36.89 1.30 -0.42	39.30 1.53 -0.55	43.32 1.83 -0.74	43.65 1.89 -0.76	45.16 1.91 -0.84	51.41 1.70 -1.17	56.97 1.99 -1.28	65.54 2.70 -1.43	64.69 2.96 -1.32	52.83 2.67 -0.74	45.21 2.38 -0.42	39.83 1.48 -0.29	36.91 1.34 -0.30	32.27 0.76 0.00
HICKLING___2 23622	35.21 1.25 -0.25	30.27 0.77 -0.01	28.20 0.53 0.00	27.57 0.16 0.00	27.41 0.11 0.00	27.49 0.16 0.00	27.44 0.22 0.00	28.08 0.66 0.00	31.78 0.83 -0.09	34.47 0.87 -0.23	36.89 1.30 -0.42	39.30 1.53 -0.55	43.32 1.83 -0.74	43.65 1.89 -0.76	45.16 1.91 -0.84	51.41 1.70 -1.17	56.97 1.99 -1.28	65.54 2.70 -1.43	64.69 2.96 -1.32	52.83 2.67 -0.74	45.21 2.38 -0.42	39.83 1.48 -0.29	36.91 1.34 -0.30	32.27 0.76 0.00
HIGH FALLS___HY 23754	36.08 2.36 0.00	31.50 2.01 0.00	29.44 1.77 0.00	28.95 1.53 0.00	28.80 1.50 0.00	28.83 1.50 0.00	28.70 1.47 0.00	29.26 1.84 0.00	32.99 2.13 0.00	35.78 2.37 -0.04	38.30 2.85 -0.29	40.68 3.09 -0.35	44.65 3.42 -0.49	44.93 3.44 -0.49	46.70 3.73 -0.55	53.93 4.56 -0.82	59.82 5.10 -1.02	68.28 5.59 -1.28	66.94 5.32 -1.22	54.08 4.10 -0.55	46.05 3.35 -0.28	41.64 3.27 -0.31	38.41 3.10 -0.04	33.95 2.39 -0.05
HIGH_RIVER___SOLAR 323847	35.34 1.62 0.00	30.91 1.42 0.00	28.97 1.30 0.00	28.62 1.21 0.00	28.45 1.15 0.00	28.45 1.12 0.00	28.29 1.06 0.00	28.63 1.21 0.00	32.22 1.36 0.00	34.78 1.47 0.06	36.46 1.72 0.43	38.67 1.97 0.53	42.21 2.20 0.73	42.31 2.05 0.73	43.62 2.04 0.83	49.78 2.48 1.24	54.96 2.79 1.53	62.74 3.25 1.92	61.96 3.38 1.83	51.46 2.87 0.83	44.41 2.42 0.43	39.76 2.17 0.47	37.15 1.94 0.06	32.95 1.51 0.07

HILLBURN___GT 23639	35.81 2.09 0.00	31.36 1.86 0.00	29.33 1.66 0.00	28.97 1.56 0.00	28.75 1.45 0.00	28.83 1.50 0.00	28.86 1.63 0.00	29.23 1.81 0.00	33.02 2.16 0.00	35.82 2.37 -0.08	38.68 2.99 -0.53	41.08 3.20 -0.65	45.18 3.54 -0.89	45.42 3.53 -0.90	47.20 3.77 -1.01	54.61 4.56 -1.51	60.67 5.10 -1.87	69.22 5.46 -2.34	67.77 5.13 -2.24	54.29 3.86 -1.01	46.12 3.18 -0.52	41.71 3.08 -0.57	38.19 2.86 -0.07	33.86 2.27 -0.08
HILLSIDE_115KV_TB1 80332	34.62 0.64 -0.26	29.77 0.27 -0.01	27.75 0.08 0.00	27.16 -0.25 0.00	27.00 -0.30 0.00	27.11 -0.22 0.00	27.06 -0.16 0.00	27.64 0.22 0.00	31.29 0.34 -0.09	33.94 0.33 -0.24	36.31 0.70 -0.44	38.69 0.89 -0.56	42.70 1.18 -0.77	43.02 1.23 -0.79	44.51 1.23 -0.87	50.77 1.02 -1.21	56.26 1.24 -1.33	64.61 1.72 -1.48	63.71 1.93 -1.37	51.96 1.78 -0.76	44.46 1.61 -0.43	39.15 0.80 -0.30	36.29 0.71 -0.31	31.76 0.25 0.00
HISHELDN_WT_PWR 323625	34.46 0.74 0.00	29.62 0.12 0.00	27.56 -0.11 0.00	26.94 -0.47 0.00	26.67 -0.63 0.00	26.78 -0.55 0.00	27.17 -0.05 0.00	27.53 0.11 0.00	30.93 0.06 0.00	33.34 -0.03 0.00	35.80 0.63 0.00	37.83 0.59 0.00	41.36 0.61 0.00	41.82 0.82 0.00	43.26 0.85 0.00	48.69 0.15 0.00	53.49 -0.21 0.00	62.15 0.74 0.00	61.31 0.91 0.00	50.76 1.33 0.00	43.56 1.15 0.00	38.44 0.38 0.00	35.87 0.60 0.00	31.45 -0.06 0.00
HOLTSVILLE_IC_1 23690	47.07 3.24 -10.11	45.97 2.77 -13.70	42.49 2.46 -12.36	39.02 2.38 -9.23	33.26 2.29 -3.66	34.41 2.35 -4.73	33.62 2.50 -3.89	32.58 2.66 -2.50	41.00 3.03 -7.11	46.64 3.47 -9.80	44.75 4.08 -5.50	66.19 4.35 -24.60	74.66 4.72 -29.19	231.48 4.71 -185.77	225.86 5.00 -178.45	256.84 5.97 -202.33	267.75 6.66 -207.39	255.75 7.18 -187.16	257.86 6.94 -190.51	219.34 5.09 -164.82	102.96 4.37 -56.18	83.08 4.26 -40.76	43.00 3.91 -3.82	41.48 3.28 -6.70
HOLTSVILLE_IC_10 23699	47.31 3.47 -10.11	46.15 2.95 -13.70	42.66 2.63 -12.36	39.19 2.55 -9.23	33.42 2.46 -3.66	34.57 2.51 -4.73	33.79 2.67 -3.89	32.72 2.80 -2.50	41.18 3.21 -7.11	46.87 3.70 -9.80	45.23 4.36 -5.70	66.49 4.65 -24.60	75.03 5.09 -29.19	245.53 5.12 -199.41	238.25 5.39 -190.45	272.42 6.36 -217.52	283.20 7.03 -222.47	270.54 7.61 -201.52	272.97 7.31 -205.26	232.50 5.53 -177.55	107.70 4.75 -60.54	86.36 4.60 -43.70	43.41 4.23 -3.91	41.74 3.53 -6.70
HOLTSVILLE_IC_2 23691	47.07 3.24 -10.11	45.97 2.77 -13.70	42.49 2.46 -12.36	39.02 2.38 -9.23	33.26 2.29 -3.66	34.41 2.35 -4.73	33.62 2.50 -3.89	32.58 2.66 -2.50	41.00 3.03 -7.11	46.64 3.47 -9.80	44.75 4.08 -5.50	66.19 4.35 -24.60	74.66 4.72 -29.19	231.48 4.71 -185.77	225.86 5.00 -178.45	256.84 5.97 -202.33	267.75 6.66 -207.39	255.75 7.18 -187.16	257.86 6.94 -190.51	219.34 5.09 -164.82	102.96 4.37 -56.18	83.08 4.26 -40.76	43.00 3.91 -3.82	41.48 3.28 -6.70
HOLTSVILLE_IC_3 23692	47.07 3.24 -10.11	45.97 2.77 -13.70	42.49 2.46 -12.36	39.02 2.38 -9.23	33.26 2.29 -3.66	34.41 2.35 -4.73	33.62 2.50 -3.89	32.58 2.66 -2.50	41.00 3.03 -7.11	46.64 3.47 -9.80	44.75 4.08 -5.50	66.19 4.35 -24.60	74.66 4.72 -29.19	231.48 4.71 -185.77	225.86 5.00 -178.45	256.84 5.97 -202.33	267.75 6.66 -207.39	255.75 7.18 -187.16	257.86 6.94 -190.51	219.34 5.09 -164.82	102.96 4.37 -56.18	83.08 4.26 -40.76	43.00 3.91 -3.82	41.48 3.28 -6.70
HOLTSVILLE_IC_4 23693	47.07 3.24 -10.11	45.97 2.77 -13.70	42.49 2.46 -12.36	39.02 2.38 -9.23	33.26 2.29 -3.66	34.41 2.35 -4.73	33.62 2.50 -3.89	32.58 2.66 -2.50	41.00 3.03 -7.11	46.64 3.47 -9.80	44.75 4.08 -5.50	66.19 4.35 -24.60	74.66 4.72 -29.19	231.48 4.71 -185.77	225.86 5.00 -178.45	256.84 5.97 -202.33	267.75 6.66 -207.39	255.75 7.18 -187.16	257.86 6.94 -190.51	219.34 5.09 -164.82	102.96 4.37 -56.18	83.08 4.26 -40.76	43.00 3.91 -3.82	41.48 3.28 -6.70
HOLTSVILLE_IC_5 23694	47.07 3.24 -10.11	45.97 2.77 -13.70	42.49 2.46 -12.36	39.02 2.38 -9.23	33.26 2.29 -3.66	34.41 2.35 -4.73	33.62 2.50 -3.89	32.58 2.66 -2.50	41.00 3.03 -7.11	46.64 3.47 -9.80	44.75 4.08 -5.50	66.19 4.35 -24.60	74.66 4.72 -29.19	231.48 4.71 -185.77	225.86 5.00 -178.45	256.84 5.97 -202.33	267.75 6.66 -207.39	255.75 7.18 -187.16	257.86 6.94 -190.51	219.34 5.09 -164.82	102.96 4.37 -56.18	83.08 4.26 -40.76	43.00 3.91 -3.82	41.48 3.28 -6.70
HOLTSVILLE_IC_6 23695	47.31 3.47 -10.11	46.15 2.95 -13.70	42.66 2.63 -12.36	39.19 2.55 -9.23	33.42 2.46 -3.66	34.57 2.51 -4.73	33.79 2.67 -3.89	32.72 2.80 -2.50	41.18 3.21 -7.11	46.87 3.70 -9.80	45.23 4.36 -5.70	66.49 4.65 -24.60	75.03 5.09 -29.19	245.53 5.12 -199.41	238.25 5.39 -190.45	272.42 6.36 -217.52	283.20 7.03 -222.47	270.54 7.61 -201.52	272.97 7.31 -205.26	232.50 5.53 -177.55	107.70 4.75 -60.54	86.36 4.60 -43.70	43.41 4.23 -3.91	41.74 3.53 -6.70
HOLTSVILLE_IC_7 23696	47.31 3.47 -10.11	46.15 2.95 -13.70	42.66 2.63 -12.36	39.19 2.55 -9.23	33.42 2.46 -3.66	34.57 2.51 -4.73	33.79 2.67 -3.89	32.72 2.80 -2.50	41.18 3.21 -7.11	46.87 3.70 -9.80	45.23 4.36 -5.70	66.49 4.65 -24.60	75.03 5.09 -29.19	245.53 5.12 -199.41	238.25 5.39 -190.45	272.42 6.36 -217.52	283.20 7.03 -222.47	270.54 7.61 -201.52	272.97 7.31 -205.26	232.50 5.53 -177.55	107.70 4.75 -60.54	86.36 4.60 -43.70	43.41 4.23 -3.91	41.74 3.53 -6.70
HOLTSVILLE_IC_8 23697	47.31 3.47 -10.11	46.15 2.95 -13.70	42.66 2.63 -12.36	39.19 2.55 -9.23	33.42 2.46 -3.66	34.57 2.51 -4.73	33.79 2.67 -3.89	32.72 2.80 -2.50	41.18 3.21 -7.11	46.87 3.70 -9.80	45.23 4.36 -5.70	66.49 4.65 -24.60	75.03 5.09 -29.19	245.53 5.12 -199.41	238.25 5.39 -190.45	272.42 6.36 -217.52	283.20 7.03 -222.47	270.54 7.61 -201.52	272.97 7.31 -205.26	232.50 5.53 -177.55	107.70 4.75 -60.54	86.36 4.60 -43.70	43.41 4.23 -3.91	41.74 3.53 -6.70
HOLTSVILLE_IC_9 23698	47.31 3.47 -10.11	46.15 2.95 -13.70	42.66 2.63 -12.36	39.19 2.55 -9.23	33.42 2.46 -3.66	34.57 2.51 -4.73	33.79 2.67 -3.89	32.72 2.80 -2.50	41.18 3.21 -7.11	46.87 3.70 -9.80	45.23 4.36 -5.70	66.49 4.65 -24.60	75.03 5.09 -29.19	245.53 5.12 -199.41	238.25 5.39 -190.45	272.42 6.36 -217.52	283.20 7.03 -222.47	270.54 7.61 -201.52	272.97 7.31 -205.26	232.50 5.53 -177.55	107.70 4.75 -60.54	86.36 4.60 -43.70	43.41 4.23 -3.91	41.74 3.53 -6.70
HOMER_HL_115KV_TB2 355744	34.80 1.08 0.00	29.94 0.44 0.00	27.81 0.14 0.00	27.05 -0.36 0.00	26.86 -0.44 0.00	27.03 -0.30 0.00	27.04 -0.19 0.00	27.75 0.33 0.00	31.39 0.52 0.00	33.84 0.47 0.00	36.22 1.05 0.00	38.54 1.30 0.00	42.50 1.75 0.00	42.88 1.89 0.00	44.36 1.95 0.00	50.10 1.55 0.00	55.47 1.77 0.00	63.93 2.52 0.00	63.18 2.78 0.00	52.04 2.62 0.00	44.79 2.38 0.00	39.13 1.07 0.00	36.19 0.92 0.00	31.89 0.38 0.00
HOWARD_WT_PWR 323690	35.62 1.72 -0.18	30.51 1.00 0.00	28.42 0.75 0.00	27.79 0.38 0.00	27.54 0.25 0.00	27.66 0.33 0.00	28.02 0.79 0.00	28.41 0.99 0.00	31.94 1.02 -0.06	34.57 1.04 -0.17	37.06 1.58 -0.31	39.31 1.68 -0.40	43.00 1.71 -0.55	43.32 1.76 -0.56	44.81 1.78 -0.62	50.81 1.41 -0.86	56.09 1.45 -0.94	65.10 2.64 -1.05	64.27 2.90 -0.97	52.93 2.97 -0.54	45.26 2.54 -0.30	39.98 1.71 -0.21	37.12 1.62 -0.22	32.23 0.73 0.00

HQ_GEN_CEDARS 23644	32.81 -0.91 0.00	28.73 -0.77 0.00	27.01 -0.66 0.00	26.92 -0.49 0.00	26.86 -0.44 0.00	26.94 -0.38 0.00	26.95 -0.27 0.00	26.76 -0.66 0.00	30.03 -0.83 0.00	32.47 -0.90 0.00	33.79 -1.37 0.00	35.67 -1.56 0.00	39.03 -1.71 0.00	39.44 -1.56 0.00	40.76 -1.65 0.00	46.70 -1.84 0.00	51.66 -2.04 0.00	59.08 -2.33 0.00	58.11 -2.30 0.00	47.55 -1.88 0.00	40.97 -1.44 0.00	36.65 -1.41 0.00	33.93 -1.34 0.00	30.60 -0.91 0.00
HQ_GEN_CEDARS_PROXY 323590	32.81 -0.91 0.00	28.73 -0.77 0.00	27.01 -0.66 0.00	26.75 -0.66 0.00	26.78 -0.52 0.00	26.81 -0.52 0.00	26.63 -0.60 0.00	26.74 -0.68 0.00	30.03 -0.83 0.00	33.13 -0.93 -0.70	33.06 -1.41 0.70	35.67 -1.56 0.00	39.04 -1.71 0.00	39.40 -1.60 0.00	40.76 -1.65 0.00	46.70 -1.84 0.00	51.66 -2.04 0.00	59.08 -2.33 0.00	58.11 -2.30 0.00	47.55 -1.88 0.00	41.94 -1.44 -0.96	35.69 -1.41 0.96	33.89 -1.38 0.00	30.59 -0.91 0.00
HQ_GEN_IMPORT 323601	33.15 -0.57 0.00	29.03 -0.47 0.00	27.26 -0.41 0.00	27.00 -0.41 0.00	27.00 -0.30 0.00	27.00 -0.33 0.00	26.82 -0.41 0.00	27.01 -0.41 0.00	30.37 -0.50 0.00	33.50 -0.57 -0.70	33.52 -0.95 0.70	36.19 -1.04 0.00	39.60 -1.14 0.00	39.89 -1.11 0.00	41.27 -1.14 0.00	47.28 -1.26 0.00	52.30 -1.40 0.00	59.75 -1.66 0.00	58.78 -1.63 0.00	48.09 -1.33 0.00	42.28 -1.10 -0.96	36.10 -0.99 0.96	33.52 -0.95 0.80	31.74 -0.57 -0.80
HQ_GEN_WHEEL 23651	33.15 -0.57 0.00	29.03 -0.47 0.00	27.26 -0.41 0.00	27.00 -0.41 0.00	27.00 -0.30 0.00	27.00 -0.33 0.00	26.82 -0.41 0.00	27.01 -0.41 0.00	30.37 -0.50 0.00	33.50 -0.57 -0.70	33.52 -0.95 0.70	36.19 -1.04 0.00	39.60 -1.14 0.00	39.89 -1.11 0.00	41.27 -1.14 0.00	47.28 -1.26 0.00	52.30 -1.40 0.00	59.75 -1.66 0.00	58.78 -1.63 0.00	48.09 -1.33 0.00	42.28 -1.10 -0.96	36.10 -0.99 0.96	33.52 -0.95 0.80	31.74 -0.57 -0.80
HUDSON_AVE_GT_3 23810	36.42 2.70 0.00	31.92 2.42 0.00	29.80 2.13 0.00	29.27 1.86 0.00	29.10 1.80 0.00	29.13 1.80 0.00	29.02 1.80 0.00	29.72 2.30 0.00	33.52 2.65 0.00	36.43 2.97 -0.09	39.45 3.69 -0.60	42.65 3.98 -1.43	46.07 4.32 -1.01	46.32 4.30 -1.02	48.10 4.54 -1.15	55.74 5.49 -1.71	61.83 6.01 -2.11	70.51 6.45 -2.66	68.92 5.98 -2.53	55.22 4.65 -1.15	46.87 3.86 -0.59	42.59 3.88 -0.65	38.98 3.63 -0.08	34.47 2.87 -0.10
HUDSON_AVE_GT_4 23540	36.42 2.70 0.00	31.92 2.42 0.00	29.80 2.13 0.00	29.27 1.86 0.00	29.10 1.80 0.00	29.13 1.80 0.00	29.02 1.80 0.00	29.72 2.30 0.00	33.52 2.65 0.00	36.43 2.97 -0.09	39.45 3.69 -0.60	42.65 3.98 -1.43	46.07 4.32 -1.01	46.32 4.30 -1.02	48.10 4.54 -1.15	55.74 5.49 -1.71	61.83 6.01 -2.11	70.51 6.45 -2.66	68.92 5.98 -2.53	55.22 4.65 -1.15	46.87 3.86 -0.59	42.59 3.88 -0.65	38.98 3.63 -0.08	34.47 2.87 -0.10
HUDSON_AVE_GT_5 23657	36.42 2.70 0.00	31.92 2.42 0.00	29.80 2.13 0.00	29.27 1.86 0.00	29.10 1.80 0.00	29.13 1.80 0.00	29.02 1.80 0.00	29.72 2.30 0.00	33.52 2.65 0.00	36.43 2.97 -0.09	39.45 3.69 -0.60	42.65 3.98 -1.43	46.07 4.32 -1.01	46.32 4.30 -1.02	48.10 4.54 -1.15	55.74 5.49 -1.71	61.83 6.01 -2.11	70.51 6.45 -2.66	68.92 5.98 -2.53	55.22 4.65 -1.15	46.87 3.86 -0.59	42.59 3.88 -0.65	38.98 3.63 -0.08	34.47 2.87 -0.10
HUDSON_AVE_10 24168	36.38 2.66 0.00	31.89 2.39 0.00	29.80 2.13 0.00	29.27 1.86 0.00	29.10 1.80 0.00	29.10 1.78 0.00	29.02 1.80 0.00	29.72 2.30 0.00	33.49 2.62 0.00	36.39 2.94 -0.09	39.42 3.66 -0.60	42.61 3.95 -1.43	46.03 4.28 -1.01	46.28 4.26 -1.02	48.05 4.50 -1.15	55.69 5.44 -1.71	61.72 5.91 -2.11	70.45 6.39 -2.66	68.86 5.92 -2.53	55.17 4.60 -1.15	46.82 3.82 -0.59	42.55 3.84 -0.65	38.95 3.60 -0.08	34.44 2.84 -0.10
HUDSON___115KV_TB 4 355613	35.20 1.48 0.00	30.94 1.45 0.00	29.03 1.36 0.00	28.67 1.26 0.00	28.50 1.20 0.00	28.47 1.15 0.00	28.23 1.01 0.00	28.49 1.07 0.00	32.07 1.20 0.00	34.62 1.30 0.05	36.43 1.62 0.35	38.22 1.41 0.43	41.83 1.67 0.59	41.84 1.43 0.59	43.18 1.44 0.67	49.39 1.84 1.00	54.51 2.04 1.24	62.50 2.64 1.55	61.82 2.90 1.48	51.32 2.57 0.67	44.23 2.16 0.35	39.74 2.06 0.38	37.02 1.80 0.05	32.81 1.35 0.06
HUNTER MOUNT___DRP 323613	35.41 1.69 0.00	31.09 1.59 0.00	29.16 1.49 0.00	28.81 1.40 0.00	28.64 1.34 0.00	28.61 1.28 0.00	28.34 1.12 0.00	28.52 1.10 0.00	32.16 1.30 0.00	34.77 1.43 0.03	36.68 1.72 0.21	38.42 1.45 0.26	42.14 1.75 0.36	42.11 1.48 0.36	43.49 1.48 0.41	49.78 1.84 0.61	54.93 1.99 0.76	63.16 2.70 0.95	62.58 3.08 0.91	51.83 2.82 0.41	44.62 2.42 0.21	40.11 2.28 0.23	37.15 1.90 0.03	32.92 1.45 0.03
HUNTINGTON_RES_REC 323705	46.83 3.00 -10.11	45.85 2.66 -13.70	42.41 2.38 -12.36	38.92 2.27 -9.23	33.12 2.16 -3.66	34.27 2.21 -4.73	33.49 2.37 -3.89	32.48 2.55 -2.50	40.94 2.96 -7.11	46.47 3.30 -9.80	48.42 3.90 -9.35	66.03 4.21 -24.60	74.56 4.60 -29.22	497.94 4.63 -452.31	460.24 4.92 -412.91	553.55 5.92 -499.09	562.31 6.60 -502.01	536.25 7.12 -467.72	545.89 6.82 -478.66	467.75 4.94 -413.38	188.01 4.20 -141.39	140.25 4.07 -98.12	44.63 3.78 -5.58	41.26 3.03 -6.72
HUNTLEY___63 23557	34.23 0.51 0.00	29.29 -0.21 0.00	27.23 -0.44 0.00	26.59 -0.82 0.00	26.37 -0.93 0.00	26.45 -0.87 0.00	26.38 -0.84 0.00	26.95 -0.47 0.00	30.56 -0.31 0.00	32.94 -0.43 0.00	35.38 0.21 0.00	37.46 0.22 0.00	41.27 0.53 0.00	41.61 0.61 0.00	43.05 0.64 0.00	48.35 -0.19 0.00	53.43 -0.27 0.00	61.66 0.25 0.00	61.01 0.60 0.00	50.21 0.79 0.00	43.31 0.89 0.00	38.02 -0.04 0.00	35.38 0.11 0.00	31.16 -0.35 0.00
HUNTLEY___64 23558	34.23 0.51 0.00	29.29 -0.21 0.00	27.23 -0.44 0.00	26.59 -0.82 0.00	26.37 -0.93 0.00	26.45 -0.87 0.00	26.38 -0.84 0.00	26.95 -0.47 0.00	30.56 -0.31 0.00	32.94 -0.43 0.00	35.38 0.21 0.00	37.46 0.22 0.00	41.27 0.53 0.00	41.61 0.61 0.00	43.05 0.64 0.00	48.35 -0.19 0.00	53.43 -0.27 0.00	61.66 0.25 0.00	61.01 0.60 0.00	50.21 0.79 0.00	43.31 0.89 0.00	38.02 -0.04 0.00	35.38 0.11 0.00	31.16 -0.35 0.00
HUNTLEY___65 23559	34.23 0.51 0.00	29.29 -0.21 0.00	27.23 -0.44 0.00	26.59 -0.82 0.00	26.37 -0.93 0.00	26.45 -0.87 0.00	26.38 -0.84 0.00	26.95 -0.47 0.00	30.56 -0.31 0.00	32.94 -0.43 0.00	35.38 0.21 0.00	37.46 0.22 0.00	41.27 0.53 0.00	41.61 0.61 0.00	43.05 0.64 0.00	48.35 -0.19 0.00	53.43 -0.27 0.00	61.66 0.25 0.00	61.01 0.60 0.00	50.21 0.79 0.00	43.31 0.89 0.00	38.02 -0.04 0.00	35.38 0.11 0.00	31.16 -0.35 0.00
HUNTLEY___66 23560	34.23 0.51 0.00	29.29 -0.21 0.00	27.23 -0.44 0.00	26.59 -0.82 0.00	26.37 -0.93 0.00	26.45 -0.87 0.00	26.38 -0.84 0.00	26.95 -0.47 0.00	30.56 -0.31 0.00	32.94 -0.43 0.00	35.38 0.21 0.00	37.46 0.22 0.00	41.27 0.53 0.00	41.61 0.61 0.00	43.05 0.64 0.00	48.35 -0.19 0.00	53.43 -0.27 0.00	61.66 0.25 0.00	61.01 0.60 0.00	50.21 0.79 0.00	43.31 0.89 0.00	38.02 -0.04 0.00	35.38 0.11 0.00	31.16 -0.35 0.00

HUNTLEY___67 23561	34.02 0.30 0.00	29.17 -0.32 0.00	27.12 -0.55 0.00	26.42 -0.99 0.00	26.21 -1.09 0.00	26.29 -1.04 0.00	26.30 -0.93 0.00	26.84 -0.58 0.00	30.43 -0.43 0.00	32.80 -0.57 0.00	35.20 0.04 0.00	37.27 0.04 0.00	41.03 0.29 0.00	41.33 0.33 0.00	42.75 0.34 0.00	48.06 -0.49 0.00	53.16 -0.54 0.00	61.29 -0.12 0.00	60.65 0.24 0.00	49.97 0.54 0.00	43.05 0.64 0.00	37.83 -0.23 0.00	35.16 -0.11 0.00	31.01 -0.50 0.00
HUNTLEY___68 23562	34.02 0.30 0.00	29.17 -0.32 0.00	27.12 -0.55 0.00	26.42 -0.99 0.00	26.21 -1.09 0.00	26.29 -1.04 0.00	26.30 -0.93 0.00	26.84 -0.58 0.00	30.43 -0.43 0.00	32.80 -0.57 0.00	35.20 0.04 0.00	37.27 0.04 0.00	41.03 0.29 0.00	41.33 0.33 0.00	42.75 0.34 0.00	48.06 -0.49 0.00	53.16 -0.54 0.00	61.29 -0.12 0.00	60.65 0.24 0.00	49.97 0.54 0.00	43.05 0.64 0.00	37.83 -0.23 0.00	35.16 -0.11 0.00	31.01 -0.50 0.00
HYLAND___LFGE 323620	36.08 2.36 0.00	31.00 1.50 0.00	28.89 1.22 0.00	28.26 0.85 0.00	28.04 0.74 0.00	28.09 0.76 0.00	28.23 1.01 0.00	28.46 1.04 0.00	31.51 0.65 0.00	33.24 -0.13 0.00	34.96 -0.21 0.00	36.86 -0.37 0.00	40.21 -0.53 0.00	39.07 -1.93 0.00	40.38 -2.03 0.00	45.73 -2.82 0.00	50.85 -2.85 0.00	60.06 -1.35 0.00	60.77 0.36 0.00	51.45 2.03 0.00	44.66 2.25 0.00	40.80 2.74 0.00	37.88 2.61 0.00	33.08 1.57 0.00
INDECK___CORINTH 23802	35.34 1.62 0.00	30.97 1.47 0.00	28.97 1.30 0.00	28.70 1.29 0.00	28.45 1.15 0.00	28.50 1.17 0.00	28.40 1.17 0.00	28.60 1.18 0.00	32.35 1.48 0.00	34.96 1.67 0.08	36.29 1.69 0.56	38.44 1.90 0.69	41.75 1.96 0.95	41.64 1.60 0.95	42.73 1.40 1.08	48.78 1.84 1.61	54.24 2.52 1.99	62.10 3.19 2.50	61.89 3.87 2.38	51.61 3.26 1.08	44.53 2.67 0.56	39.77 2.32 0.61	37.17 1.97 0.07	32.93 1.51 0.09
INDECK___ILION 23567	34.09 0.37 0.00	29.79 0.29 0.00	27.95 0.28 0.00	27.66 0.25 0.00	27.55 0.25 0.00	27.55 0.22 0.00	27.44 0.22 0.00	27.72 0.30 0.00	31.20 0.34 0.00	33.77 0.40 0.00	35.66 0.49 0.00	37.79 0.56 0.00	41.40 0.65 0.00	41.57 0.57 0.00	43.00 0.59 0.00	49.22 0.68 0.00	54.45 0.75 0.00	62.33 0.92 0.00	61.31 0.91 0.00	50.21 0.79 0.00	43.01 0.59 0.00	38.63 0.57 0.00	35.73 0.46 0.00	31.82 0.32 0.00
INDECK___OLEAN 23982	34.80 1.08 0.00	29.91 0.41 0.00	27.81 0.14 0.00	27.19 -0.22 0.00	26.92 -0.38 0.00	27.11 -0.22 0.00	27.58 0.35 0.00	27.97 0.55 0.00	31.42 0.56 0.00	33.87 0.50 0.00	36.36 1.20 0.00	38.57 1.34 0.00	42.29 1.55 0.00	42.80 1.80 0.00	44.32 1.91 0.00	49.95 1.41 0.00	54.99 1.29 0.00	63.87 2.46 0.00	62.94 2.54 0.00	52.04 2.62 0.00	44.58 2.16 0.00	39.09 1.03 0.00	36.36 1.09 0.00	31.89 0.38 0.00
INDECK___OSWEGO 23783	35.19 -0.47 -1.94	29.08 -0.47 -0.05	27.20 -0.47 0.00	26.92 -0.49 0.00	26.75 -0.55 0.00	26.81 -0.52 0.00	26.79 -0.44 0.00	26.98 -0.44 0.00	31.01 -0.52 -0.67	34.68 -0.50 -1.81	38.10 -0.39 -3.32	41.11 -0.41 -4.29	46.11 -0.49 -5.86	46.49 -0.49 -5.99	48.17 -0.85 -6.61	56.58 -1.17 -9.21	62.48 -1.29 -10.07	71.35 -1.29 -11.23	69.66 -1.15 -10.40	54.42 -0.79 -5.79	45.34 -0.34 -3.26	39.93 -0.38 -2.25	37.34 -0.32 -2.38	31.07 -0.44 0.00
INDECK___YERKES 23781	34.26 0.54 0.00	29.35 -0.15 0.00	27.31 -0.36 0.00	26.67 -0.74 0.00	26.45 -0.85 0.00	26.56 -0.76 0.00	26.93 -0.30 0.00	27.28 -0.14 0.00	30.62 -0.25 0.00	33.00 -0.37 0.00	35.55 0.39 0.00	37.53 0.30 0.00	41.03 0.29 0.00	41.57 0.57 0.00	43.05 0.64 0.00	48.25 -0.29 0.00	52.84 -0.86 0.00	61.59 0.18 0.00	60.71 0.30 0.00	50.26 0.84 0.00	43.14 0.72 0.00	38.06 0.00 0.00	35.62 0.35 0.00	31.19 -0.32 0.00
INDIAN POINT_GT_1 24139	35.88 2.16 0.00	31.45 1.95 0.00	29.41 1.74 0.00	28.95 1.53 0.00	28.77 1.47 0.00	28.80 1.48 0.00	28.67 1.44 0.00	29.31 1.89 0.00	33.06 2.19 0.00	35.86 2.40 -0.09	38.77 3.02 -0.58	41.23 3.28 -0.72	45.28 3.54 -0.99	45.56 3.57 -0.99	47.39 3.86 -1.12	54.87 4.66 -1.67	60.87 5.10 -2.07	69.53 5.53 -2.60	68.08 5.19 -2.48	54.50 3.95 -1.12	46.17 3.18 -0.58	41.89 3.20 -0.63	38.31 2.96 -0.08	33.90 2.30 -0.09
INDIAN POINT_GT_2 23659	35.88 2.16 0.00	31.45 1.95 0.00	29.41 1.74 0.00	28.95 1.53 0.00	28.77 1.47 0.00	28.80 1.48 0.00	28.67 1.44 0.00	29.31 1.89 0.00	33.06 2.19 0.00	35.86 2.40 -0.09	38.77 3.02 -0.58	41.23 3.28 -0.72	45.28 3.54 -0.99	45.56 3.57 -0.99	47.39 3.86 -1.12	54.87 4.66 -1.67	60.87 5.10 -2.07	69.53 5.53 -2.60	68.08 5.19 -2.48	54.50 3.95 -1.12	46.17 3.18 -0.58	41.89 3.20 -0.63	38.31 2.96 -0.08	33.90 2.30 -0.09
INDIAN POINT_GT_3 24019	35.88 2.16 0.00	31.45 1.95 0.00	29.41 1.74 0.00	28.95 1.53 0.00	28.77 1.47 0.00	28.80 1.48 0.00	28.67 1.44 0.00	29.31 1.89 0.00	33.06 2.19 0.00	35.86 2.40 -0.09	38.77 3.02 -0.58	41.23 3.28 -0.72	45.28 3.54 -0.99	45.56 3.57 -0.99	47.39 3.86 -1.12	54.87 4.66 -1.67	60.87 5.10 -2.07	69.53 5.53 -2.60	68.08 5.19 -2.48	54.50 3.95 -1.12	46.17 3.18 -0.58	41.89 3.20 -0.63	38.31 2.96 -0.08	33.90 2.30 -0.09
INDIAN POINT___2 23530	35.81 2.09 0.00	31.33 1.83 0.00	29.33 1.66 0.00	28.97 1.56 0.00	28.75 1.45 0.00	28.83 1.50 0.00	28.86 1.63 0.00	29.23 1.81 0.00	32.99 2.13 0.00	35.82 2.37 -0.08	38.68 2.95 -0.56	41.09 3.16 -0.69	45.20 3.50 -0.95	45.44 3.48 -0.96	47.22 3.73 -1.08	54.67 4.52 -1.61	60.74 5.05 -1.99	69.32 5.41 -2.50	67.87 5.07 -2.39	54.26 3.75 -1.08	46.07 3.09 -0.56	41.75 3.08 -0.61	38.17 2.82 -0.07	33.84 2.24 -0.09
INDIAN POINT___3 23531	35.78 2.06 0.00	31.39 1.89 0.00	29.39 1.72 0.00	28.89 1.48 0.00	28.75 1.45 0.00	28.78 1.45 0.00	28.64 1.42 0.00	29.26 1.84 0.00	32.96 2.10 0.00	35.76 2.30 -0.09	38.67 2.92 -0.58	41.08 3.13 -0.72	45.12 3.38 -0.99	45.40 3.40 -1.00	47.18 3.65 -1.12	54.64 4.42 -1.68	60.61 4.83 -2.07	69.17 5.16 -2.60	67.72 4.83 -2.48	54.25 3.71 -1.12	46.01 3.01 -0.58	41.74 3.04 -0.64	38.20 2.86 -0.08	33.81 2.21 -0.09
INGHAM_C_115KV_TB7 356103	34.09 0.37 0.00	29.79 0.29 0.00	27.92 0.25 0.00	27.63 0.22 0.00	27.52 0.22 0.00	27.55 0.22 0.00	27.42 0.19 0.00	27.69 0.27 0.00	31.17 0.31 0.00	33.74 0.37 0.00	35.66 0.49 0.00	37.75 0.52 0.00	41.36 0.61 0.00	41.53 0.53 0.00	42.92 0.51 0.00	49.12 0.58 0.00	54.29 0.59 0.00	62.21 0.80 0.00	61.13 0.72 0.00	50.12 0.69 0.00	42.97 0.55 0.00	38.59 0.53 0.00	35.69 0.42 0.00	31.76 0.25 0.00
IP CORINTH___1 23988	35.54 1.82 0.00	31.18 1.68 0.00	29.16 1.49 0.00	28.78 1.37 0.00	28.58 1.28 0.00	28.58 1.26 0.00	28.42 1.20 0.00	28.76 1.34 0.00	32.53 1.67 0.00	35.16 1.87 0.08	36.50 1.90 0.56	38.66 2.12 0.69	42.00 2.20 0.95	41.85 1.80 0.95	42.94 1.61 1.08	49.07 2.14 1.61	54.56 2.85 1.99	62.48 3.56 2.50	62.25 4.23 2.38	51.95 3.61 1.08	44.79 2.93 0.56	39.96 2.51 0.61	37.42 2.22 0.07	33.12 1.70 0.09

IP___TICONDEROGA 23804	37.80 4.08 0.00	33.10 3.60 0.00	30.85 3.18 0.00	30.34 2.93 0.00	30.11 2.81 0.00	30.11 2.79 0.00	29.95 2.72 0.00	30.35 2.93 0.00	34.51 3.64 0.00	37.39 4.10 0.08	38.95 4.36 0.57	41.33 4.80 0.71	44.99 5.22 0.97	44.53 4.51 0.98	45.46 4.16 1.10	52.09 5.19 1.64	57.90 6.23 2.03	66.65 7.80 2.55	66.55 8.58 2.44	55.63 7.31 1.10	47.96 6.11 0.57	42.61 5.18 0.62	39.75 4.55 0.07	35.13 3.72 0.09
ISLIP_RES_REC 323679	47.54 3.71 -10.11	46.32 3.13 -13.70	42.82 2.79 -12.36	39.33 2.69 -9.23	33.56 2.59 -3.66	34.71 2.65 -4.73	33.92 2.80 -3.89	32.86 2.94 -2.50	41.37 3.40 -7.11	47.07 3.90 -9.80	45.30 4.68 -5.46	66.86 5.02 -24.61	75.40 5.46 -29.19	229.16 5.50 -182.66	223.94 5.81 -175.72	254.26 6.85 -198.87	265.23 7.57 -203.95	253.53 8.23 -183.89	255.53 7.97 -187.15	217.38 6.03 -161.93	102.73 5.13 -55.18	83.07 4.91 -40.10	43.55 4.48 -3.80	41.95 3.75 -6.70
JAMAICA__27_KV_LOAD 355505	36.87 3.14 -0.02	32.32 2.80 -0.02	30.18 2.49 -0.02	29.65 2.22 -0.02	29.47 2.16 -0.02	29.47 2.13 -0.02	29.37 2.12 -0.02	30.07 2.63 -0.02	33.90 3.02 -0.02	36.84 3.37 -0.10	39.89 4.11 -0.61	43.11 4.43 -1.45	46.58 4.81 -1.03	46.83 4.80 -1.03	48.66 5.09 -1.16	56.38 6.12 -1.73	62.49 6.66 -2.13	71.33 7.25 -2.67	69.72 6.77 -2.55	55.87 5.29 -1.16	47.48 4.45 -0.61	43.10 4.38 -0.66	39.45 4.09 -0.09	34.87 3.25 -0.11
JANIS___SOLAR 323808	36.52 2.43 -0.37	31.34 1.83 -0.01	29.25 1.58 0.00	28.83 1.42 0.00	28.64 1.34 0.00	28.69 1.37 0.00	28.78 1.55 0.00	29.12 1.70 0.00	32.78 1.79 -0.13	35.58 1.87 -0.35	37.80 2.00 -0.63	40.25 2.20 -0.82	44.35 2.49 -1.12	44.64 2.50 -1.14	46.22 2.54 -1.26	53.11 2.81 -1.76	58.84 3.22 -1.92	68.03 4.48 -2.14	67.35 4.95 -1.99	54.93 4.40 -1.11	46.86 3.82 -0.62	41.57 3.08 -0.43	38.48 2.75 -0.45	33.53 2.02 0.00
JARVIS____ 23743	33.96 0.24 0.00	29.71 0.21 0.00	27.86 0.20 0.00	27.60 0.19 0.00	27.46 0.16 0.00	27.49 0.16 0.00	27.42 0.19 0.00	27.61 0.19 0.00	31.11 0.25 0.00	33.64 0.27 0.00	35.55 0.39 0.00	37.64 0.41 0.00	41.19 0.45 0.00	41.45 0.45 0.00	42.88 0.47 0.00	49.08 0.53 0.00	54.29 0.59 0.00	62.09 0.68 0.00	61.07 0.67 0.00	49.97 0.54 0.00	42.84 0.42 0.00	38.48 0.42 0.00	35.62 0.35 0.00	31.73 0.22 0.00
JENNISON___1 23625	36.64 2.66 -0.26	31.57 2.06 -0.01	29.44 1.77 0.00	29.00 1.59 0.00	28.83 1.53 0.00	28.86 1.53 0.00	28.78 1.55 0.00	29.34 1.92 0.00	33.18 2.22 -0.09	36.08 2.47 -0.24	38.32 2.71 -0.45	40.82 3.02 -0.58	45.04 3.50 -0.79	45.25 3.44 -0.80	46.82 3.52 -0.89	53.81 4.03 -1.24	59.57 4.51 -1.35	68.57 5.65 -1.51	67.54 5.74 -1.40	55.00 4.79 -0.78	47.01 4.16 -0.44	41.79 3.43 -0.30	38.55 2.96 -0.32	33.78 2.27 0.00
JENNISON___2 23626	36.64 2.66 -0.26	31.57 2.06 -0.01	29.44 1.77 0.00	29.00 1.59 0.00	28.83 1.53 0.00	28.86 1.53 0.00	28.78 1.55 0.00	29.34 1.92 0.00	33.18 2.22 -0.09	36.08 2.47 -0.24	38.32 2.71 -0.45	40.82 3.02 -0.58	45.04 3.50 -0.79	45.25 3.44 -0.80	46.82 3.52 -0.89	53.81 4.03 -1.24	59.57 4.51 -1.35	68.57 5.65 -1.51	67.54 5.74 -1.40	55.00 4.79 -0.78	47.01 4.16 -0.44	41.79 3.43 -0.30	38.55 2.96 -0.32	33.78 2.27 0.00
JERICHO_RISE_WT_PWR 323719	33.35 -0.37 0.00	29.18 -0.32 0.00	27.42 -0.25 0.00	27.19 -0.22 0.00	27.19 -0.11 0.00	27.22 -0.11 0.00	27.04 -0.19 0.00	27.20 -0.22 0.00	30.56 -0.31 0.00	33.00 -0.37 0.00	34.36 -0.81 0.00	36.30 -0.93 0.00	39.69 -1.06 0.00	40.06 -0.94 0.00	41.44 -0.97 0.00	47.47 -1.07 0.00	52.52 -1.18 0.00	60.06 -1.35 0.00	59.02 -1.39 0.00	48.29 -1.13 0.00	41.57 -0.85 0.00	37.11 -0.95 0.00	34.32 -0.95 0.00	30.94 -0.57 0.00
KATONAH___115KV_46KV_TB4 355592	36.11 2.39 0.00	31.62 2.12 0.00	29.58 1.91 0.00	29.11 1.70 0.00	28.94 1.64 0.00	28.99 1.67 0.00	28.83 1.61 0.00	29.53 2.11 0.00	33.36 2.50 0.00	36.26 2.80 -0.09	39.24 3.48 -0.59	41.76 3.80 -0.73	45.94 4.20 -1.00	46.39 4.39 -1.01	48.34 4.79 -1.14	55.92 5.68 -1.70	62.08 6.28 -2.10	70.86 6.82 -2.63	69.44 6.52 -2.51	55.40 4.84 -1.14	46.73 3.73 -0.59	42.32 3.62 -0.64	38.63 3.28 -0.08	34.16 2.55 -0.10
KCE_NY_1 323755	35.57 1.85 0.00	31.18 1.68 0.00	29.19 1.52 0.00	28.92 1.51 0.00	28.69 1.39 0.00	28.75 1.42 0.00	28.64 1.41 0.00	28.82 1.40 0.00	32.56 1.70 0.00	35.15 1.87 0.09	36.65 2.07 0.59	38.81 2.31 0.73	42.27 2.53 1.00	42.28 2.29 1.01	43.48 2.20 1.14	49.56 2.72 1.70	54.77 3.17 2.10	62.52 3.75 2.64	61.88 3.99 2.52	51.60 3.31 1.14	44.63 2.80 0.59	39.89 2.47 0.64	37.42 2.22 0.08	33.18 1.76 0.10
KCE_NY_6_ESR 323823	34.63 0.91 0.00	29.68 0.18 0.00	27.61 -0.06 0.00	26.97 -0.44 0.00	26.70 -0.60 0.00	26.81 -0.52 0.00	27.23 0.00 0.00	27.61 0.19 0.00	30.99 0.12 0.00	33.40 0.03 0.00	35.97 0.81 0.00	38.02 0.78 0.00	41.56 0.81 0.00	42.14 1.15 0.00	43.60 1.19 0.00	48.93 0.39 0.00	53.70 0.00 0.00	62.45 1.04 0.00	61.61 1.21 0.00	51.00 1.58 0.00	43.73 1.32 0.00	38.55 0.49 0.00	36.05 0.77 0.00	31.54 0.03 0.00
KEDC_PORT_JEFF_GT2 24210	47.20 3.37 -10.11	46.09 2.89 -13.70	42.57 2.54 -12.36	39.11 2.47 -9.23	33.34 2.37 -3.66	34.49 2.43 -4.73	33.71 2.59 -3.89	32.67 2.74 -2.50	41.12 3.15 -7.11	46.77 3.61 -9.80	45.36 4.18 -6.01	66.08 4.24 -24.60	74.58 4.64 -29.19	266.61 4.63 -220.99	256.76 4.92 -209.43	295.95 5.87 -241.54	306.56 6.55 -246.31	292.70 7.06 -224.23	295.81 6.82 -228.58	252.03 4.94 -197.66	114.09 4.24 -67.43	90.55 4.15 -48.34	43.41 4.09 -4.05	41.61 3.40 -6.70
KEDC_PORT_JEFF_GT3 24211	47.20 3.37 -10.11	46.09 2.89 -13.70	42.57 2.54 -12.36	39.11 2.47 -9.23	33.34 2.37 -3.66	34.49 2.43 -4.73	33.71 2.59 -3.89	32.67 2.74 -2.50	41.12 3.15 -7.11	46.77 3.61 -9.80	45.36 4.18 -6.01	66.08 4.24 -24.60	74.58 4.64 -29.19	266.61 4.63 -220.99	256.76 4.92 -209.43	295.95 5.87 -241.54	306.56 6.55 -246.31	292.70 7.06 -224.23	295.81 6.82 -228.58	252.03 4.94 -197.66	114.09 4.24 -67.43	90.55 4.15 -48.34	43.41 4.09 -4.05	41.61 3.40 -6.70
KEDC_GLWD_GT4 24219	46.80 2.97 -10.11	45.76 2.57 -13.70	42.46 2.44 -12.36	38.97 2.33 -9.23	33.15 2.18 -3.66	34.27 2.21 -4.73	33.49 2.37 -3.89	32.50 2.58 -2.50	41.00 3.03 -7.11	46.40 3.24 -9.80	42.18 4.01 -3.00	66.04 4.21 -24.60	74.57 4.64 -29.18	57.56 4.67 -11.89	72.87 4.96 -25.50	63.20 5.92 -8.74	75.44 6.55 -15.19	72.60 7.06 -4.14	69.64 6.70 -2.53	56.99 4.89 -2.67	47.12 4.11 -0.59	45.45 4.03 -3.36	41.93 3.98 -2.67	41.41 3.22 -6.69
KEDC_GLWD_GT5 24220	46.80 2.97 -10.11	45.76 2.57 -13.70	42.46 2.44 -12.36	38.97 2.33 -9.23	33.15 2.18 -3.66	34.27 2.21 -4.73	33.49 2.37 -3.89	32.50 2.58 -2.50	41.00 3.03 -7.11	46.40 3.24 -9.80	42.18 4.01 -3.00	66.04 4.21 -24.60	74.57 4.64 -29.18	57.56 4.67 -11.89	72.87 4.96 -25.50	63.20 5.92 -8.74	75.44 6.55 -15.19	72.60 7.06 -4.14	69.64 6.70 -2.53	56.99 4.89 -2.67	47.12 4.11 -0.59	45.45 4.03 -3.36	41.93 3.98 -2.67	41.41 3.22 -6.69

KENSICO____ 23655	36.01 2.29 0.00	31.56 2.06 0.00	29.52 1.85 0.00	29.03 1.62 0.00	28.88 1.58 0.00	28.91 1.58 0.00	28.78 1.55 0.00	29.42 2.00 0.00	33.15 2.28 0.00	35.99 2.54 -0.09	38.92 3.16 -0.59	41.39 3.43 -0.73	45.46 3.71 -1.01	45.74 3.73 -1.01	47.54 3.99 -1.14	55.05 4.81 -1.71	61.07 5.26 -2.11	69.77 5.71 -2.65	68.25 5.32 -2.53	54.67 4.10 -1.14	46.31 3.31 -0.59	42.02 3.31 -0.65	38.42 3.07 -0.08	34.00 2.39 -0.10
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.01 2.29 0.00	31.48 1.98 0.00	29.41 1.74 0.00	28.92 1.51 0.00	28.77 1.47 0.00	28.80 1.48 0.00	28.64 1.42 0.00	29.18 1.75 0.00	32.93 2.07 0.00	35.69 2.27 -0.05	38.13 2.64 -0.33	40.47 2.83 -0.41	44.48 3.18 -0.56	44.71 3.16 -0.56	46.48 3.44 -0.63	53.66 4.17 -0.94	59.54 4.67 -1.17	68.09 5.22 -1.46	66.82 5.01 -1.40	53.96 3.90 -0.63	45.97 3.22 -0.33	41.54 3.12 -0.36	38.35 3.03 -0.04	33.89 2.33 -0.05
KIAC_JFK_GT1 23816	36.53 2.80 -0.02	32.11 2.60 -0.02	29.98 2.30 -0.02	29.45 2.03 -0.02	29.28 1.97 -0.02	29.31 1.97 -0.02	29.20 1.96 -0.02	29.90 2.47 -0.02	33.60 2.72 -0.02	36.51 3.04 -0.10	39.51 3.73 -0.61	42.74 4.06 -1.45	46.13 4.36 -1.03	46.38 4.35 -1.03	48.20 4.62 -1.16	55.80 5.53 -1.73	61.85 6.01 -2.13	70.59 6.51 -2.67	69.00 6.04 -2.55	55.28 4.70 -1.16	47.01 3.99 -0.61	42.68 3.96 -0.66	39.07 3.70 -0.09	34.55 2.93 -0.11
KIAC_JFK_GT2 23817	36.53 2.80 -0.02	32.11 2.60 -0.02	29.98 2.30 -0.02	29.45 2.03 -0.02	29.28 1.97 -0.02	29.31 1.97 -0.02	29.20 1.96 -0.02	29.90 2.47 -0.02	33.60 2.72 -0.02	36.51 3.04 -0.10	39.51 3.73 -0.61	42.74 4.06 -1.45	46.13 4.36 -1.03	46.38 4.35 -1.03	48.20 4.62 -1.16	55.80 5.53 -1.73	61.85 6.01 -2.13	70.59 6.51 -2.67	69.00 6.04 -2.55	55.28 4.70 -1.16	47.01 3.99 -0.61	42.68 3.96 -0.66	39.07 3.70 -0.09	34.55 2.93 -0.11
KIAC_JFK____ 323774	36.53 2.80 -0.02	32.02 2.51 -0.02	29.93 2.24 -0.02	29.57 2.14 -0.02	29.31 1.99 -0.02	29.36 2.02 -0.02	29.45 2.20 -0.02	29.88 2.44 -0.02	33.60 2.72 -0.02	36.54 3.07 -0.10	39.54 3.76 -0.61	42.74 4.06 -1.45	46.17 4.40 -1.03	46.42 4.39 -1.03	48.16 4.58 -1.16	55.80 5.53 -1.73	62.00 6.17 -2.13	70.72 6.63 -2.67	69.18 6.22 -2.55	55.23 4.64 -1.16	47.01 3.99 -0.61	42.64 3.92 -0.66	39.00 3.63 -0.09	34.55 2.93 -0.11
KINTIGH____ 23543	33.58 -0.13 0.00	28.88 -0.62 0.00	26.87 -0.80 0.00	26.29 -1.12 0.00	26.07 -1.23 0.00	26.12 -1.20 0.00	26.11 -1.12 0.00	26.63 -0.80 0.00	30.15 -0.71 0.00	32.54 -0.83 0.00	34.85 -0.32 0.00	36.86 -0.37 0.00	40.58 -0.16 0.00	40.83 -0.16 0.00	42.20 -0.21 0.00	47.52 -1.02 0.00	52.63 -1.07 0.00	60.67 -0.74 0.00	59.98 -0.42 0.00	49.32 -0.10 0.00	42.50 0.08 0.00	37.49 -0.57 0.00	34.85 -0.42 0.00	30.75 -0.76 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	33.85 0.13 0.00	29.65 0.15 0.00	27.86 0.19 0.00	27.74 0.33 0.00	27.65 0.35 0.00	27.76 0.44 0.00	27.77 0.54 0.00	27.61 0.19 0.00	31.02 0.15 0.00	33.50 0.13 0.00	34.92 -0.25 0.00	36.86 -0.37 0.00	40.30 -0.45 0.00	40.79 -0.20 0.00	42.20 -0.21 0.00	48.35 -0.19 0.00	53.54 -0.16 0.00	61.29 -0.12 0.00	60.22 -0.18 0.00	49.23 -0.20 0.00	42.46 0.04 0.00	37.79 -0.27 0.00	34.92 -0.35 0.00	31.38 -0.13 0.00
LACHUTE__HYDRO 323717	37.80 4.08 0.00	33.04 3.54 0.00	30.82 3.15 0.00	30.43 3.02 0.00	30.11 2.81 0.00	30.17 2.84 0.00	30.11 2.88 0.00	30.36 2.94 0.00	34.50 3.64 0.00	37.39 4.10 0.08	38.99 4.40 0.57	41.33 4.80 0.71	44.99 5.22 0.97	44.53 4.51 0.98	45.47 4.16 1.10	52.04 5.14 1.64	57.79 6.12 2.03	66.66 7.80 2.55	66.54 8.57 2.44	55.59 7.27 1.10	47.96 6.11 0.57	42.61 5.18 0.62	39.75 4.55 0.07	35.13 3.72 0.09
LAWRNCV_115KV_TB1 80681	32.78 -0.94 0.00	28.67 -0.83 0.00	26.95 -0.72 0.00	26.86 -0.55 0.00	26.84 -0.46 0.00	26.92 -0.41 0.00	26.95 -0.27 0.00	26.76 -0.66 0.00	30.03 -0.83 0.00	32.47 -0.90 0.00	33.76 -1.41 0.00	35.67 -1.56 0.00	39.03 -1.71 0.00	39.44 -1.56 0.00	40.76 -1.65 0.00	46.65 -1.89 0.00	51.61 -2.09 0.00	59.14 -2.27 0.00	58.23 -2.17 0.00	47.64 -1.78 0.00	41.10 -1.31 0.00	36.73 -1.33 0.00	34.00 -1.27 0.00	30.63 -0.88 0.00
LEDERLE____ 23769	35.98 2.26 0.00	31.56 2.06 0.00	29.50 1.83 0.00	29.00 1.59 0.00	28.86 1.56 0.00	28.88 1.56 0.00	28.75 1.52 0.00	29.39 1.97 0.00	33.15 2.28 0.00	35.92 2.47 -0.08	38.84 3.13 -0.54	41.25 3.35 -0.67	45.33 3.67 -0.92	45.57 3.65 -0.92	47.35 3.90 -1.04	54.80 4.71 -1.55	60.78 5.16 -1.92	69.41 5.59 -2.41	67.90 5.19 -2.30	54.52 4.05 -1.04	46.26 3.31 -0.54	41.92 3.27 -0.59	38.37 3.03 -0.07	33.99 2.39 -0.09
LIGHTRSE_115KV_TB6 355974	34.90 0.13 -1.04	29.50 -0.03 -0.03	27.59 -0.08 0.00	27.22 -0.19 0.00	27.08 -0.22 0.00	27.11 -0.22 0.00	27.04 -0.19 0.00	27.37 -0.05 0.00	31.16 -0.06 -0.36	34.34 0.00 -0.97	37.06 0.11 -1.79	39.54 0.00 -2.31	43.81 -0.08 -3.15	44.18 -0.04 -3.22	45.80 -0.17 -3.56	53.16 -0.34 -4.95	58.74 -0.38 -5.42	67.33 -0.12 -6.04	66.18 0.18 -5.60	52.88 0.35 -3.12	44.64 0.47 -1.75	39.65 0.38 -1.21	36.90 0.35 -1.28	31.64 0.13 0.00
LINDEN COGEN____ 23786	36.18 2.46 0.00	31.62 2.13 0.00	29.55 1.88 0.00	29.17 1.76 0.00	28.94 1.64 0.00	28.97 1.64 0.00	29.08 1.85 0.00	29.50 2.08 0.00	33.33 2.47 0.00	36.23 2.77 -0.09	39.21 3.45 -0.60	42.38 3.72 -1.43	45.79 4.03 -1.01	46.03 4.02 -1.02	47.72 4.16 -1.15	55.35 5.10 -1.71	61.45 5.64 -2.11	70.09 6.02 -2.66	68.49 5.55 -2.53	54.67 4.10 -1.15	46.53 3.52 -0.59	42.21 3.50 -0.65	38.63 3.28 -0.08	34.25 2.65 -0.10
LINDHRST_69_KV_BK1 356055	47.31 3.47 -10.11	46.24 3.04 -13.70	42.74 2.71 -12.36	39.11 2.47 -9.23	33.39 2.43 -3.66	34.49 2.43 -4.73	33.51 2.40 -3.89	32.78 2.85 -2.50	41.21 3.24 -7.11	46.80 3.64 -9.80	42.79 4.40 -3.23	66.60 4.77 -24.60	75.06 5.13 -29.18	73.75 5.12 -27.62	87.22 5.47 -39.34	81.36 6.55 -26.26	93.53 7.25 -32.58	90.03 7.92 -20.70	87.44 7.49 -19.55	72.65 5.88 -17.35	52.87 4.84 -5.62	49.56 4.76 -6.74	42.39 4.34 -2.78	41.73 3.53 -6.69
LIPA_MISC_IPP 23656	47.20 3.37 -10.11	46.12 2.92 -13.70	42.60 2.57 -12.36	38.97 2.33 -9.23	33.34 2.38 -3.66	34.44 2.38 -4.73	33.49 2.37 -3.89	32.64 2.71 -2.50	41.06 3.09 -7.11	46.70 3.54 -9.80	44.96 4.25 -5.54	66.45 4.62 -24.60	74.95 5.01 -29.19	234.29 5.00 -188.29	228.34 5.26 -180.67	259.99 6.31 -205.14	270.86 6.98 -210.17	258.90 7.68 -189.81	260.95 7.31 -193.23	222.33 5.73 -167.17	104.06 4.67 -56.98	83.97 4.61 -41.31	43.30 4.20 -3.83	41.61 3.40 -6.70
LISF__SOLAR 323691	47.31 3.47 -10.11	46.12 2.92 -13.70	42.63 2.60 -12.36	39.14 2.49 -9.23	33.42 2.46 -3.66	34.57 2.51 -4.73	33.79 2.67 -3.89	32.67 2.74 -2.50	41.12 3.15 -7.11	46.80 3.64 -9.80	45.10 4.36 -5.58	66.56 4.73 -24.60	75.11 5.18 -29.19	237.00 5.17 -190.83	230.75 5.43 -182.91	263.02 6.51 -207.97	273.99 7.30 -212.99	261.88 7.98 -192.49	264.13 7.73 -195.99	224.65 5.68 -169.55	105.09 4.88 -57.79	84.63 4.72 -41.85	43.39 4.27 -3.85	41.73 3.53 -6.70

LITTLE FALLS___HYD 24013	34.09 0.37 0.00	29.79 0.29 0.00	27.92 0.25 0.00	27.63 0.22 0.00	27.52 0.22 0.00	27.55 0.22 0.00	27.42 0.19 0.00	27.69 0.27 0.00	31.17 0.31 0.00	33.74 0.37 0.00	35.66 0.49 0.00	37.75 0.52 0.00	41.36 0.61 0.00	41.53 0.53 0.00	42.92 0.51 0.00	49.12 0.58 0.00	54.29 0.59 0.00	62.21 0.80 0.00	61.13 0.72 0.00	50.12 0.69 0.00	42.97 0.55 0.00	38.59 0.53 0.00	35.69 0.42 0.00	31.76 0.25 0.00
LITTLRIV_115KV_TB1 356100	33.27 -0.57 -0.13	28.97 -0.53 0.00	27.20 -0.47 0.00	27.14 -0.27 0.00	27.11 -0.19 0.00	27.19 -0.14 0.00	27.23 0.00 0.00	27.01 -0.41 0.00	30.35 -0.56 -0.04	32.89 -0.60 -0.12	34.22 -1.16 -0.22	36.25 -1.27 -0.28	39.70 -1.43 -0.38	40.12 -1.27 -0.39	41.49 -1.36 -0.43	47.64 -1.50 -0.60	52.70 -1.66 -0.66	60.49 -1.66 -0.74	59.52 -1.57 -0.68	48.62 -1.19 -0.38	41.87 -0.76 -0.21	37.33 -0.88 -0.15	34.51 -0.92 -0.16	30.94 -0.57 0.00
LI_NEWBRDGE___DRP 323616	46.53 2.70 -10.11	45.62 2.42 -13.70	42.21 2.19 -12.36	38.59 1.95 -9.23	32.85 1.88 -3.66	33.95 1.89 -4.73	33.00 1.88 -3.89	32.26 2.33 -2.50	40.63 2.65 -7.11	46.10 2.94 -9.80	41.76 3.59 -3.00	65.70 3.87 -24.60	74.12 4.20 -29.18	57.07 4.18 -11.89	72.36 4.45 -25.50	62.62 5.34 -8.74	74.80 5.91 -15.19	71.93 6.39 -4.14	68.92 5.98 -2.53	56.74 4.65 -2.67	46.78 3.78 -0.59	45.18 3.77 -3.36	41.44 3.49 -2.67	40.97 2.77 -6.69
LOCKPORT_115KV_TB60_63_64 80432	34.06 0.34 0.00	29.17 -0.32 0.00	27.14 -0.53 0.00	26.34 -1.07 0.00	26.10 -1.20 0.00	26.18 -1.15 0.00	26.22 -1.01 0.00	26.74 -0.69 0.00	30.28 -0.59 0.00	32.64 -0.73 0.00	35.06 -0.11 0.00	37.08 -0.15 0.00	40.87 0.12 0.00	41.16 0.16 0.00	42.58 0.17 0.00	47.81 -0.73 0.00	52.90 -0.81 0.00	61.04 -0.37 0.00	60.47 0.06 0.00	49.82 0.40 0.00	42.92 0.51 0.00	37.72 -0.34 0.00	35.09 -0.18 0.00	30.97 -0.54 0.00
LOCKPORT___CC1 323769	34.06 0.34 0.00	29.20 -0.29 0.00	27.17 -0.50 0.00	26.53 -0.88 0.00	26.18 -1.12 0.00	26.26 -1.07 0.00	26.68 -0.54 0.00	27.04 -0.38 0.00	30.31 -0.55 0.00	32.67 -0.70 0.00	35.20 0.04 0.00	37.12 -0.11 0.00	40.58 -0.16 0.00	41.08 0.08 0.00	42.50 0.08 0.00	47.67 -0.87 0.00	52.25 -1.45 0.00	60.92 -0.49 0.00	60.11 -0.30 0.00	49.77 0.35 0.00	42.71 0.30 0.00	37.68 -0.38 0.00	35.31 0.04 0.00	30.97 -0.54 0.00
LOCKPORT___CC2 323770	34.06 0.34 0.00	29.20 -0.29 0.00	27.17 -0.50 0.00	26.53 -0.88 0.00	26.18 -1.12 0.00	26.26 -1.07 0.00	26.68 -0.54 0.00	27.04 -0.38 0.00	30.31 -0.55 0.00	32.67 -0.70 0.00	35.20 0.04 0.00	37.12 -0.11 0.00	40.58 -0.16 0.00	41.08 0.08 0.00	42.50 0.08 0.00	47.67 -0.87 0.00	52.25 -1.45 0.00	60.92 -0.49 0.00	60.11 -0.30 0.00	49.77 0.35 0.00	42.71 0.30 0.00	37.68 -0.38 0.00	35.31 0.04 0.00	30.97 -0.54 0.00
LOCKPORT___CC3 323771	34.06 0.34 0.00	29.20 -0.29 0.00	27.17 -0.50 0.00	26.53 -0.88 0.00	26.18 -1.12 0.00	26.26 -1.07 0.00	26.68 -0.54 0.00	27.04 -0.38 0.00	30.31 -0.55 0.00	32.67 -0.70 0.00	35.20 0.04 0.00	37.12 -0.11 0.00	40.58 -0.16 0.00	41.08 0.08 0.00	42.50 0.08 0.00	47.67 -0.87 0.00	52.25 -1.45 0.00	60.92 -0.49 0.00	60.11 -0.30 0.00	49.77 0.35 0.00	42.71 0.30 0.00	37.68 -0.38 0.00	35.31 0.04 0.00	30.97 -0.54 0.00
LONG_LAKE_PHOENIX 24014	35.02 -0.17 -1.47	29.24 -0.29 -0.04	27.37 -0.30 0.00	27.00 -0.41 0.00	26.86 -0.44 0.00	26.89 -0.44 0.00	26.79 -0.44 0.00	27.15 -0.27 0.00	31.09 -0.28 -0.51	34.51 -0.23 -1.37	37.57 -0.11 -2.51	40.44 -0.04 -3.24	45.13 -0.04 -4.43	45.44 -0.08 -4.53	47.24 -0.17 -5.00	55.16 -0.34 -6.96	60.99 -0.32 -7.61	69.66 -0.25 -8.49	68.15 -0.12 -7.87	53.80 0.00 -4.38	44.97 0.08 -2.47	39.69 -0.08 -1.70	37.04 -0.04 -1.80	31.32 -0.19 0.00
LOVETT___3 23632	35.71 1.99 0.00	31.36 1.86 0.00	29.33 1.66 0.00	28.84 1.43 0.00	28.69 1.39 0.00	28.72 1.39 0.00	28.59 1.36 0.00	29.20 1.78 0.00	32.93 2.07 0.00	35.69 2.24 -0.08	38.56 2.85 -0.55	40.92 3.02 -0.67	44.93 3.26 -0.93	45.17 3.24 -0.93	46.94 3.48 -1.05	54.33 4.22 -1.57	60.26 4.62 -1.94	68.82 4.97 -2.44	67.38 4.65 -2.33	54.03 3.56 -1.05	45.84 2.88 -0.54	41.58 2.93 -0.59	38.13 2.79 -0.07	33.77 2.17 -0.09
LOVETT___4 23642	35.71 1.99 0.00	31.36 1.86 0.00	29.33 1.66 0.00	28.84 1.43 0.00	28.69 1.39 0.00	28.72 1.39 0.00	28.59 1.36 0.00	29.20 1.78 0.00	32.93 2.07 0.00	35.69 2.24 -0.08	38.56 2.85 -0.55	40.92 3.02 -0.67	44.93 3.26 -0.93	45.17 3.24 -0.93	46.94 3.48 -1.05	54.33 4.22 -1.57	60.26 4.62 -1.94	68.82 4.97 -2.44	67.38 4.65 -2.33	54.03 3.56 -1.05	45.84 2.88 -0.54	41.58 2.93 -0.59	38.13 2.79 -0.07	33.77 2.17 -0.09
LOVETT___5 23593	35.71 1.99 0.00	31.36 1.86 0.00	29.33 1.66 0.00	28.84 1.43 0.00	28.69 1.39 0.00	28.72 1.39 0.00	28.59 1.36 0.00	29.20 1.78 0.00	32.93 2.07 0.00	35.69 2.24 -0.08	38.56 2.85 -0.55	40.92 3.02 -0.67	44.93 3.26 -0.93	45.17 3.24 -0.93	46.94 3.48 -1.05	54.33 4.22 -1.57	60.26 4.62 -1.94	68.82 4.97 -2.44	67.38 4.65 -2.33	54.03 3.56 -1.05	45.84 2.88 -0.54	41.58 2.93 -0.59	38.13 2.79 -0.07	33.77 2.17 -0.09
LOWER RAQUET___HYD 24057	32.91 -0.94 -0.14	28.68 -0.83 0.00	26.92 -0.75 0.00	26.67 -0.74 0.00	26.75 -0.55 0.00	26.78 -0.55 0.00	26.63 -0.60 0.00	26.74 -0.68 0.00	30.08 -0.83 -0.05	32.60 -0.90 -0.13	33.95 -1.44 -0.23	35.97 -1.56 -0.30	39.44 -1.71 -0.41	39.82 -1.60 -0.42	41.18 -1.70 -0.46	47.29 -1.89 -0.64	52.31 -2.10 -0.70	59.99 -2.21 -0.78	58.96 -2.17 -0.73	48.10 -1.73 -0.40	41.37 -1.27 -0.23	36.92 -1.29 -0.16	34.17 -1.27 -0.17	30.63 -0.88 0.00
LOWER___HUDSON 24059	34.93 1.21 0.00	30.68 1.18 0.00	28.78 1.11 0.00	28.53 1.12 0.00	28.34 1.04 0.00	28.36 1.04 0.00	28.23 1.01 0.00	28.41 0.99 0.00	32.01 1.14 0.00	34.49 1.24 0.11	35.85 1.44 0.75	37.86 1.56 0.93	41.18 1.71 1.28	41.31 1.60 1.28	42.61 1.65 1.45	48.37 1.99 2.16	53.28 2.26 2.68	60.63 2.58 3.36	59.79 2.60 3.21	50.10 2.12 1.45	43.45 1.78 0.75	38.91 1.67 0.82	36.69 1.52 0.10	32.55 1.17 0.12
LOWVILLE_115KV_TB2 356335	35.04 1.01 -0.31	30.22 0.71 -0.01	28.25 0.58 0.00	27.96 0.55 0.00	27.85 0.55 0.00	27.87 0.55 0.00	27.83 0.60 0.00	28.08 0.66 0.00	31.68 0.71 -0.11	34.46 0.80 -0.29	36.44 0.74 -0.53	38.70 0.78 -0.69	42.50 0.81 -0.94	42.82 0.86 -0.96	44.37 0.89 -1.06	51.00 0.97 -1.48	56.45 1.13 -1.62	64.94 1.72 -1.81	64.14 2.05 -1.68	52.28 1.93 -0.93	44.68 1.74 -0.53	39.91 1.48 -0.36	36.82 1.16 -0.38	32.39 0.88 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	35.57 1.85 0.00	31.21 1.71 0.00	29.22 1.55 0.00	28.84 1.43 0.00	28.66 1.36 0.00	28.67 1.34 0.00	28.48 1.25 0.00	28.82 1.40 0.00	32.53 1.67 0.00	35.12 1.84 0.09	36.65 2.07 0.59	38.77 2.27 0.73	42.23 2.49 1.00	42.24 2.25 1.01	43.48 2.21 1.14	49.56 2.72 1.70	54.72 3.11 2.10	62.46 3.68 2.64	61.82 3.93 2.52	51.60 3.31 1.14	44.54 2.71 0.59	39.85 2.44 0.64	37.38 2.19 0.08	33.15 1.73 0.10

LUTHERNY_35_KV_BK2 355980	35.57 1.85 0.00	31.21 1.71 0.00	29.25 1.58 0.00	28.86 1.45 0.00	28.69 1.39 0.00	28.69 1.37 0.00	28.51 1.28 0.00	28.85 1.43 0.00	32.56 1.70 0.00	35.12 1.84 0.09	36.65 2.07 0.59	38.81 2.31 0.73	42.27 2.53 1.00	42.29 2.30 1.01	43.48 2.21 1.14	49.56 2.72 1.70	54.77 3.17 2.10	62.52 3.75 2.64	61.88 3.99 2.52	51.65 3.36 1.14	44.59 2.76 0.59	39.89 2.47 0.64	37.42 2.22 0.08	33.18 1.76 0.10
LWR___OSWEGATCHIE_HYD 23850	33.92 -0.07 -0.27	29.36 -0.15 -0.01	27.50 -0.17 0.00	27.30 -0.11 0.00	27.25 -0.05 0.00	27.27 -0.05 0.00	27.25 0.03 0.00	27.31 -0.11 0.00	30.77 -0.19 -0.09	33.45 -0.17 -0.25	35.20 -0.42 -0.46	37.30 -0.52 -0.59	40.94 -0.61 -0.81	41.33 -0.49 -0.83	42.78 -0.55 -0.92	49.19 -0.63 -1.28	54.40 -0.70 -1.39	62.47 -0.49 -1.56	61.67 -0.18 -1.44	50.23 0.00 -0.80	43.04 0.17 -0.45	38.41 0.04 -0.31	35.49 -0.11 -0.33	31.45 -0.06 0.00
LYONS_FALL_HYD 23570	35.06 1.11 -0.23	30.33 0.82 -0.01	28.36 0.69 0.00	28.07 0.66 0.00	27.95 0.65 0.00	27.96 0.63 0.00	27.93 0.71 0.00	28.22 0.80 0.00	31.81 0.86 -0.08	34.58 1.00 -0.21	36.58 1.02 -0.39	38.82 1.08 -0.50	42.62 1.18 -0.69	42.93 1.23 -0.70	44.42 1.23 -0.78	51.03 1.41 -1.08	56.44 1.56 -1.18	64.88 2.15 -1.32	63.98 2.35 -1.22	52.18 2.08 -0.68	44.62 1.82 -0.38	39.89 1.56 -0.26	36.82 1.27 -0.28	32.49 0.98 0.00
MADISON___COUNTY_LFGE 323628	35.38 1.42 -0.24	30.60 1.09 -0.01	28.61 0.94 0.00	28.23 0.82 0.00	28.09 0.79 0.00	28.09 0.77 0.00	27.99 0.76 0.00	28.41 0.99 0.00	32.06 1.11 -0.08	34.86 1.27 -0.22	37.02 1.44 -0.41	39.36 1.60 -0.53	43.30 1.83 -0.72	43.54 1.80 -0.74	45.09 1.87 -0.82	51.77 2.09 -1.14	57.26 2.31 -1.25	65.75 2.95 -1.39	64.71 3.02 -1.29	52.71 2.57 -0.72	45.03 2.21 -0.40	40.20 1.86 -0.28	37.15 1.59 -0.29	32.71 1.20 0.00
MALONE___115KV_TB1 356076	33.52 -0.20 0.00	29.32 -0.18 0.00	27.59 -0.08 0.00	27.47 0.05 0.00	27.41 0.11 0.00	27.52 0.19 0.00	27.55 0.33 0.00	27.39 -0.03 0.00	30.74 -0.12 0.00	33.24 -0.13 0.00	34.60 -0.56 0.00	36.52 -0.71 0.00	39.93 -0.81 0.00	40.46 -0.53 0.00	41.82 -0.59 0.00	47.86 -0.68 0.00	53.00 -0.70 0.00	60.67 -0.74 0.00	59.68 -0.72 0.00	48.73 -0.69 0.00	42.08 -0.34 0.00	37.49 -0.57 0.00	34.64 -0.63 0.00	31.16 -0.35 0.00
MAPLEWOD_115KV_TB3 80458	34.77 1.05 0.00	30.62 1.12 0.00	28.75 1.08 0.00	28.37 0.96 0.00	28.23 0.93 0.00	28.23 0.90 0.00	28.02 0.79 0.00	28.33 0.90 0.00	31.91 1.05 0.00	34.35 1.07 0.08	35.92 1.34 0.58	37.93 1.41 0.71	41.31 1.55 0.98	41.45 1.43 0.98	42.74 1.44 1.11	48.68 1.80 1.66	53.64 1.99 2.05	61.11 2.27 2.58	60.18 2.24 2.46	50.19 1.88 1.11	43.37 1.53 0.57	38.92 1.48 0.63	36.57 1.38 0.07	32.42 1.01 0.09
MAPLE_RIDGE_WT_1 323574	33.52 -0.20 0.00	29.32 -0.18 0.00	27.53 -0.14 0.00	27.27 -0.14 0.00	27.19 -0.11 0.00	27.22 -0.11 0.00	27.09 -0.14 0.00	27.20 -0.22 0.00	30.62 -0.25 0.00	33.10 -0.27 0.00	34.74 -0.42 0.00	36.75 -0.49 0.00	40.21 -0.53 0.00	40.46 -0.53 0.00	41.86 -0.55 0.00	47.91 -0.63 0.00	53.00 -0.70 0.00	60.68 -0.73 0.00	59.68 -0.72 0.00	48.83 -0.59 0.00	42.03 -0.38 0.00	37.64 -0.42 0.00	34.78 -0.49 0.00	31.10 -0.41 0.00
MAPLE_RIDGE_WT_2 323611	33.52 -0.20 0.00	29.32 -0.18 0.00	27.53 -0.14 0.00	27.27 -0.14 0.00	27.19 -0.11 0.00	27.22 -0.11 0.00	27.09 -0.14 0.00	27.20 -0.22 0.00	30.62 -0.25 0.00	33.10 -0.27 0.00	34.74 -0.42 0.00	36.75 -0.49 0.00	40.21 -0.53 0.00	40.46 -0.53 0.00	41.86 -0.55 0.00	47.91 -0.63 0.00	53.00 -0.70 0.00	60.68 -0.73 0.00	59.68 -0.72 0.00	48.83 -0.59 0.00	42.03 -0.38 0.00	37.64 -0.42 0.00	34.78 -0.49 0.00	31.10 -0.41 0.00
MARBLE_RIVER_WT_PWR 323696	33.49 -0.23 0.00	29.32 -0.18 0.00	27.56 -0.11 0.00	27.30 -0.11 0.00	27.30 0.00 0.00	27.33 0.00 0.00	27.17 -0.05 0.00	27.31 -0.11 0.00	30.68 -0.18 0.00	33.14 -0.23 0.00	34.53 -0.63 0.00	36.49 -0.74 0.00	39.89 -0.86 0.00	40.30 -0.70 0.00	41.69 -0.72 0.00	47.76 -0.78 0.00	52.84 -0.86 0.00	60.43 -0.98 0.00	59.38 -1.03 0.00	48.54 -0.89 0.00	41.82 -0.59 0.00	37.30 -0.76 0.00	34.49 -0.78 0.00	31.07 -0.44 0.00
MARSHVLE_115KV_TB1 80742	37.56 3.84 0.00	32.66 3.16 0.00	30.44 2.77 0.00	30.04 2.63 0.00	29.67 2.38 0.00	29.70 2.38 0.00	29.51 2.29 0.00	29.92 2.50 0.00	33.58 2.72 0.00	36.10 2.77 0.04	38.03 3.16 0.30	41.00 4.13 0.37	44.93 4.69 0.50	44.84 4.35 0.51	46.08 4.24 0.57	52.74 5.05 0.85	58.39 5.75 1.06	66.84 6.76 1.33	66.69 7.55 1.27	55.42 6.57 0.57	48.02 5.90 0.29	42.72 4.99 0.32	39.61 4.37 0.04	34.93 3.47 0.05
MARSH_HILL_WT_PWR 323713	35.54 1.65 -0.17	30.48 0.97 0.00	28.39 0.72 0.00	27.77 0.36 0.00	27.52 0.22 0.00	27.63 0.30 0.00	27.99 0.76 0.00	28.38 0.96 0.00	31.91 0.99 -0.06	34.53 1.00 -0.16	37.00 1.55 -0.29	39.24 1.64 -0.37	42.93 1.67 -0.51	43.20 1.68 -0.52	44.72 1.74 -0.57	50.70 1.36 -0.80	55.97 1.39 -0.87	64.90 2.52 -0.98	64.15 2.84 -0.90	52.79 2.87 -0.50	45.16 2.46 -0.28	39.93 1.67 -0.20	37.07 1.59 -0.21	32.20 0.69 0.00
MCINTYRE_115KV_TB2 80467	33.32 -0.40 0.00	29.15 -0.35 0.00	27.37 -0.30 0.00	27.30 -0.11 0.00	27.25 -0.05 0.00	27.33 0.00 0.00	27.36 0.14 0.00	27.12 -0.30 0.00	30.40 -0.46 0.00	32.84 -0.53 0.00	34.04 -1.13 0.00	35.97 -1.27 0.00	39.32 -1.43 0.00	39.73 -1.27 0.00	41.10 -1.31 0.00	47.09 -1.46 0.00	52.09 -1.61 0.00	59.81 -1.60 0.00	59.02 -1.39 0.00	48.39 -1.04 0.00	41.82 -0.59 0.00	37.37 -0.69 0.00	34.49 -0.78 0.00	31.10 -0.41 0.00
MECO_____69_KV_BK1 80468	38.71 4.99 0.00	33.63 4.13 0.00	31.32 3.65 0.00	30.86 3.45 0.00	30.55 3.25 0.00	30.58 3.25 0.00	30.49 3.27 0.00	31.04 3.62 0.00	35.18 4.32 0.00	37.92 4.61 0.05	39.95 5.13 0.35	42.83 6.03 0.43	46.99 6.85 0.60	46.63 6.23 0.60	47.84 6.11 0.68	54.82 7.28 1.01	60.83 8.38 1.25	69.98 10.13 1.56	69.72 10.81 1.49	57.64 8.90 0.68	49.70 7.63 0.35	44.11 6.43 0.38	40.83 5.61 0.05	36.02 4.57 0.06
MENANDS___115KV_TB5 355628	34.53 0.81 0.00	30.44 0.94 0.00	28.58 0.91 0.00	28.23 0.82 0.00	28.09 0.79 0.00	28.09 0.77 0.00	27.85 0.63 0.00	28.16 0.74 0.00	31.73 0.86 0.00	34.15 0.87 0.08	35.71 1.13 0.58	37.68 1.15 0.71	41.03 1.26 0.98	41.16 1.15 0.98	42.49 1.19 1.11	48.39 1.50 1.65	53.27 1.61 2.04	60.62 1.78 2.57	59.71 1.75 2.45	49.80 1.48 1.11	42.99 1.15 0.57	38.65 1.22 0.63	36.32 1.13 0.07	32.24 0.82 0.09
MG INDUSTRY___DRP 24185	34.66 0.94 0.00	30.47 0.97 0.00	28.64 0.97 0.00	28.31 0.90 0.00	28.15 0.85 0.00	28.15 0.82 0.00	27.93 0.71 0.00	28.19 0.77 0.00	31.70 0.83 0.00	34.12 0.80 0.05	35.83 0.98 0.32	37.65 0.82 0.40	41.10 0.90 0.55	41.19 0.74 0.55	42.55 0.76 0.62	48.69 1.07 0.92	53.74 1.18 1.14	61.39 1.41 1.44	60.55 1.51 1.37	50.19 1.38 0.62	43.24 1.15 0.32	38.93 1.22 0.35	36.36 1.13 0.04	32.31 0.85 0.05

MID___OSWEGATCHIE_HYD 23849	33.92 -0.07 -0.27	29.36 -0.15 -0.01	27.50 -0.17 0.00	27.30 -0.11 0.00	27.25 -0.05 0.00	27.27 -0.05 0.00	27.25 0.03 0.00	27.31 -0.11 0.00	30.77 -0.19 -0.09	33.45 -0.17 -0.25	35.20 -0.42 -0.46	37.30 -0.52 -0.59	40.94 -0.61 -0.81	41.33 -0.49 -0.83	42.78 -0.55 -0.92	49.19 -0.63 -1.28	54.40 -0.70 -1.39	62.47 -0.49 -1.56	61.67 -0.18 -1.44	50.23 0.00 -0.80	43.04 0.17 -0.45	38.41 0.04 -0.31	35.49 -0.11 -0.33	31.45 -0.06 0.00
MID___RAQUETTE_HYD 23851	32.91 -0.94 -0.14	28.68 -0.83 0.00	26.92 -0.75 0.00	26.86 -0.55 0.00	26.84 -0.46 0.00	26.92 -0.41 0.00	26.95 -0.27 0.00	26.76 -0.66 0.00	30.08 -0.83 -0.05	32.60 -0.90 -0.13	33.99 -1.41 -0.23	35.97 -1.56 -0.30	39.44 -1.71 -0.41	39.86 -1.56 -0.42	41.18 -1.70 -0.46	47.29 -1.89 -0.64	52.31 -2.09 -0.70	59.92 -2.27 -0.78	58.96 -2.17 -0.73	48.10 -1.73 -0.40	41.37 -1.27 -0.23	36.92 -1.29 -0.16	34.20 -1.23 -0.17	30.63 -0.88 0.00
MILLIKEN___1 23584	35.43 1.21 -0.50	30.34 0.83 -0.01	28.36 0.69 0.00	27.93 0.52 0.00	27.79 0.49 0.00	27.82 0.49 0.00	27.72 0.49 0.00	28.19 0.77 0.00	31.93 0.90 -0.17	34.80 0.97 -0.47	37.21 1.20 -0.85	39.71 1.38 -1.10	43.80 1.55 -1.50	44.09 1.56 -1.54	45.68 1.57 -1.70	52.51 1.60 -2.37	58.17 1.88 -2.59	66.81 2.52 -2.89	65.86 2.78 -2.67	53.33 2.42 -1.49	45.37 2.12 -0.84	40.24 1.60 -0.58	37.33 1.45 -0.61	32.52 1.01 0.00
MILLIKEN___2 23585	35.43 1.21 -0.50	30.34 0.83 -0.01	28.36 0.69 0.00	27.93 0.52 0.00	27.79 0.49 0.00	27.82 0.49 0.00	27.72 0.49 0.00	28.19 0.77 0.00	31.93 0.90 -0.17	34.80 0.97 -0.47	37.21 1.20 -0.85	39.71 1.38 -1.10	43.80 1.55 -1.50	44.09 1.56 -1.54	45.68 1.57 -1.70	52.51 1.60 -2.37	58.17 1.88 -2.59	66.81 2.52 -2.89	65.86 2.78 -2.67	53.33 2.42 -1.49	45.37 2.12 -0.84	40.24 1.60 -0.58	37.33 1.45 -0.61	32.52 1.01 0.00
MILLIKEN___DIESEL 23629	35.43 1.21 -0.50	30.34 0.83 -0.01	28.36 0.69 0.00	27.93 0.52 0.00	27.79 0.49 0.00	27.82 0.49 0.00	27.72 0.49 0.00	28.19 0.77 0.00	31.93 0.90 -0.17	34.80 0.97 -0.47	37.21 1.20 -0.85	39.71 1.38 -1.10	43.80 1.55 -1.50	44.09 1.56 -1.54	45.68 1.57 -1.70	52.51 1.60 -2.37	58.17 1.88 -2.59	66.81 2.52 -2.89	65.86 2.78 -2.67	53.33 2.42 -1.49	45.37 2.12 -0.84	40.24 1.60 -0.58	37.33 1.45 -0.61	32.52 1.01 0.00
MILLSEAT___LFGE 323607	34.56 0.84 0.00	29.65 0.15 0.00	27.61 -0.06 0.00	26.97 -0.44 0.00	26.62 -0.68 0.00	26.70 -0.63 0.00	27.04 -0.19 0.00	27.45 0.03 0.00	30.77 -0.09 0.00	33.17 -0.20 0.00	35.69 0.53 0.00	37.68 0.45 0.00	41.19 0.45 0.00	41.69 0.70 0.00	43.18 0.76 0.00	48.49 -0.05 0.00	53.22 -0.48 0.00	62.15 0.74 0.00	61.43 1.03 0.00	50.76 1.33 0.00	43.60 1.19 0.00	38.48 0.42 0.00	35.98 0.71 0.00	31.51 0.00 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.91 2.19 0.00	31.48 1.98 0.00	29.44 1.77 0.00	28.97 1.56 0.00	28.80 1.50 0.00	28.83 1.50 0.00	28.70 1.47 0.00	29.34 1.92 0.00	33.06 2.19 0.00	35.89 2.44 -0.09	38.81 3.06 -0.59	41.27 3.31 -0.73	45.33 3.59 -1.00	45.61 3.61 -1.00	47.41 3.86 -1.13	54.89 4.66 -1.69	60.89 5.10 -2.09	69.50 5.47 -2.63	68.05 5.13 -2.51	54.51 3.95 -1.13	46.18 3.18 -0.58	41.90 3.20 -0.64	38.31 2.96 -0.08	33.90 2.30 -0.10
MILLWOOD_13_KV_LOAD 356217	36.05 2.33 0.00	31.59 2.09 0.00	29.52 1.85 0.00	29.06 1.64 0.00	28.88 1.58 0.00	28.94 1.61 0.00	28.78 1.55 0.00	29.45 2.03 0.00	33.24 2.38 0.00	36.06 2.60 -0.09	39.03 3.27 -0.59	41.50 3.54 -0.73	45.62 3.87 -1.00	45.94 3.94 -1.00	47.83 4.28 -1.13	55.38 5.15 -1.69	61.43 5.64 -2.09	70.12 6.08 -2.63	68.71 5.80 -2.51	54.96 4.40 -1.13	46.48 3.48 -0.58	42.13 3.43 -0.64	38.49 3.14 -0.08	34.06 2.46 -0.10
MODEL_CITY_ENERGY 24167	33.69 -0.03 0.00	28.91 -0.59 0.00	26.90 -0.77 0.00	26.26 -1.15 0.00	25.85 -1.45 0.00	25.96 -1.37 0.00	26.35 -0.87 0.00	26.71 -0.71 0.00	29.94 -0.93 0.00	32.27 -1.10 0.00	34.74 -0.42 0.00	36.64 -0.60 0.00	40.05 -0.69 0.00	40.55 -0.45 0.00	41.95 -0.47 0.00	47.04 -1.51 0.00	51.55 -2.15 0.00	60.06 -1.35 0.00	59.26 -1.15 0.00	49.13 -0.29 0.00	42.12 -0.29 0.00	37.19 -0.87 0.00	34.88 -0.39 0.00	30.59 -0.91 0.00
MODERN_LFGE___ 323580	33.69 -0.03 0.00	28.91 -0.59 0.00	26.90 -0.77 0.00	26.26 -1.15 0.00	25.85 -1.45 0.00	25.96 -1.37 0.00	26.35 -0.87 0.00	26.71 -0.71 0.00	29.94 -0.93 0.00	32.27 -1.10 0.00	34.74 -0.42 0.00	36.64 -0.60 0.00	40.05 -0.69 0.00	40.55 -0.45 0.00	41.95 -0.47 0.00	47.04 -1.51 0.00	51.55 -2.15 0.00	60.06 -1.35 0.00	59.26 -1.15 0.00	49.13 -0.29 0.00	42.12 -0.29 0.00	37.19 -0.87 0.00	34.88 -0.39 0.00	30.59 -0.91 0.00
MOHAWK_PAPER___DRP 24187	34.77 1.05 0.00	30.62 1.12 0.00	28.75 1.08 0.00	28.37 0.96 0.00	28.23 0.93 0.00	28.23 0.90 0.00	28.02 0.79 0.00	28.33 0.90 0.00	31.91 1.05 0.00	34.35 1.07 0.08	35.92 1.34 0.58	37.93 1.41 0.71	41.31 1.55 0.98	41.45 1.43 0.98	42.74 1.44 1.11	48.68 1.80 1.66	53.64 1.99 2.05	61.11 2.27 2.58	60.18 2.24 2.46	50.19 1.88 1.11	43.37 1.53 0.57	38.92 1.48 0.63	36.57 1.38 0.07	32.42 1.01 0.09
MOHICAN___35_KV_115KV_LD 80490	35.81 2.09 0.00	31.42 1.92 0.00	29.39 1.72 0.00	28.97 1.56 0.00	28.77 1.47 0.00	28.80 1.48 0.00	28.62 1.39 0.00	28.98 1.56 0.00	32.78 1.91 0.00	35.39 2.10 0.09	36.80 2.22 0.58	38.97 2.46 0.72	42.37 2.61 0.98	42.22 2.21 0.99	43.37 2.08 1.12	49.50 2.62 1.67	54.97 3.33 2.06	62.94 4.11 2.59	62.59 4.65 2.47	52.26 3.95 1.12	45.11 3.27 0.58	40.28 2.85 0.63	37.70 2.50 0.08	33.37 1.95 0.09
MONGAUP___HYD 23641	35.88 2.16 0.00	31.33 1.83 0.00	29.27 1.60 0.00	28.94 1.53 0.00	28.72 1.42 0.00	28.77 1.45 0.00	28.75 1.52 0.00	29.01 1.59 0.00	32.68 1.82 0.00	35.41 1.97 -0.07	38.17 2.53 -0.48	40.42 2.61 -0.59	44.49 2.94 -0.81	44.63 2.83 -0.81	46.42 3.09 -0.91	53.55 3.64 -1.36	59.58 4.19 -1.69	68.32 4.79 -2.12	67.20 4.77 -2.02	54.09 3.75 -0.91	46.15 3.27 -0.47	41.66 3.08 -0.52	38.01 2.68 -0.06	33.70 2.11 -0.08
MONTAUK___DIESEL 23721	48.45 4.62 -10.11	47.06 3.86 -13.70	43.40 3.38 -12.36	39.74 3.10 -9.23	34.10 3.14 -3.66	35.23 3.17 -4.73	34.28 3.16 -3.89	33.52 3.59 -2.50	42.20 4.23 -7.11	48.27 5.11 -9.80	47.26 6.54 -5.56	69.13 7.30 -24.60	77.76 7.82 -29.19	238.10 7.75 -189.36	231.48 7.46 -181.61	263.56 8.69 -206.33	274.61 9.56 -211.35	262.85 10.50 -190.94	264.88 10.09 -194.39	225.45 7.86 -168.17	106.78 7.04 -57.32	86.18 6.58 -41.54	44.72 5.61 -3.84	42.65 4.44 -6.70
MOONROAD_115KV_HARTFLD_TB1-2 355988	35.44 1.72 0.00	30.41 0.91 0.00	28.22 0.55 0.00	27.49 0.08 0.00	27.22 -0.08 0.00	27.30 -0.03 0.00	27.31 0.08 0.00	28.05 0.63 0.00	31.85 0.99 0.00	34.37 1.00 0.00	36.85 1.69 0.00	39.06 1.82 0.00	42.90 2.16 0.00	43.25 2.25 0.00	44.57 2.16 0.00	50.19 1.65 0.00	55.58 1.88 0.00	64.23 2.82 0.00	63.67 3.26 0.00	52.44 3.01 0.00	45.09 2.67 0.00	39.35 1.29 0.00	36.36 1.09 0.00	31.79 0.28 0.00

MORTIMER_115KV_TB3 55949	34.06 0.34 0.00	29.35 -0.15 0.00	27.37 -0.30 0.00	26.83 -0.58 0.00	26.64 -0.66 0.00	26.67 -0.66 0.00	26.60 -0.63 0.00	27.15 -0.27 0.00	30.71 -0.15 0.00	33.20 -0.17 0.00	35.45 0.28 0.00	37.53 0.30 0.00	41.32 0.57 0.00	41.57 0.57 0.00	43.00 0.59 0.00	48.59 0.05 0.00	53.75 0.05 0.00	62.02 0.61 0.00	61.31 0.91 0.00	50.26 0.84 0.00	43.26 0.85 0.00	38.29 0.23 0.00	35.52 0.25 0.00	31.38 -0.13 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.32 2.60 0.00	31.80 2.30 0.00	29.72 2.05 0.00	29.22 1.81 0.00	29.05 1.75 0.00	29.08 1.75 0.00	28.94 1.72 0.00	29.64 2.22 0.00	33.39 2.53 0.00	36.29 2.84 -0.09	39.28 3.52 -0.60	41.11 3.80 -0.08	45.87 4.12 -1.01	46.15 4.14 -1.02	47.93 4.37 -1.15	55.49 5.24 -1.71	61.51 5.69 -2.11	70.21 6.14 -2.66	68.68 5.74 -2.53	55.02 4.45 -1.15	46.70 3.69 -0.59	42.44 3.73 -0.65	38.80 3.46 -0.08	34.32 2.71 -0.10
MUNSVILLE_WIND_PWR 323609	37.95 3.91 -0.32	32.52 3.01 -0.01	30.30 2.63 0.00	29.90 2.49 0.00	29.67 2.37 0.00	29.70 2.38 0.00	29.84 2.61 0.00	30.30 2.88 0.00	34.15 3.18 -0.11	37.20 3.54 -0.29	39.43 3.73 -0.54	42.02 4.10 -0.70	46.38 4.68 -0.95	46.60 4.63 -0.97	48.15 4.67 -1.07	55.38 5.34 -1.50	61.30 5.96 -1.64	70.91 7.68 -1.83	70.07 7.97 -1.69	57.14 6.77 -0.94	48.71 5.77 -0.53	43.26 4.83 -0.37	39.85 4.20 -0.39	34.72 3.22 0.00
N SALMON___HYD 24042	33.52 -0.20 0.00	29.32 -0.18 0.00	27.59 -0.08 0.00	27.30 -0.11 0.00	27.33 0.03 0.00	27.38 0.05 0.00	27.25 0.03 0.00	27.37 -0.05 0.00	30.74 -0.12 0.00	33.20 -0.17 0.00	34.60 -0.56 0.00	36.52 -0.71 0.00	39.97 -0.78 0.00	40.38 -0.61 0.00	41.78 -0.63 0.00	47.86 -0.68 0.00	53.00 -0.70 0.00	60.68 -0.73 0.00	59.62 -0.79 0.00	48.73 -0.69 0.00	42.08 -0.34 0.00	37.49 -0.57 0.00	34.60 -0.67 0.00	31.16 -0.35 0.00
N.AKRON___115KV_KNAPP 355671	34.60 0.88 0.00	29.65 0.15 0.00	27.56 -0.11 0.00	26.78 -0.63 0.00	26.56 -0.74 0.00	26.62 -0.71 0.00	26.60 -0.63 0.00	27.17 -0.25 0.00	30.77 -0.09 0.00	33.17 -0.20 0.00	35.59 0.42 0.00	37.68 0.45 0.00	41.52 0.77 0.00	41.82 0.82 0.00	43.26 0.85 0.00	48.64 0.10 0.00	53.86 0.16 0.00	62.27 0.86 0.00	61.73 1.33 0.00	50.76 1.33 0.00	43.77 1.36 0.00	38.48 0.42 0.00	35.73 0.46 0.00	31.51 0.00 0.00
N.BELMOR_69_KV_BK1 55787	46.94 3.10 -10.11	45.94 2.74 -13.70	42.49 2.46 -12.36	38.89 2.25 -9.23	33.15 2.18 -3.66	34.22 2.16 -4.73	33.27 2.15 -3.89	32.53 2.60 -2.50	40.97 2.99 -7.11	46.47 3.30 -9.80	42.18 4.01 -3.00	66.07 4.24 -24.60	74.53 4.60 -29.18	57.52 4.63 -11.89	72.87 4.96 -25.50	63.21 5.92 -8.74	75.44 6.55 -15.19	72.67 7.12 -4.14	69.64 6.71 -2.53	57.29 5.19 -2.67	47.33 4.33 -0.59	45.75 4.34 -3.36	41.96 4.02 -2.67	41.41 3.21 -6.69
N.E_GEN_SANDY PD 24062	34.97 1.25 0.00	30.74 1.24 0.00	28.83 1.16 0.00	28.62 1.20 0.00	28.39 1.09 0.00	28.42 1.09 0.00	28.34 1.12 0.00	28.55 1.12 0.00	32.13 1.27 0.00	34.80 1.37 -0.06	31.84 1.72 5.04	33.70 1.82 5.36	35.38 2.00 7.36	35.57 1.97 7.40	36.17 2.12 8.36	38.60 2.52 12.46	41.14 2.84 15.41	45.07 3.01 19.35	44.84 2.90 18.47	43.29 2.23 8.35	40.90 1.82 3.34	34.20 1.83 5.69	36.40 1.69 0.56	32.10 1.29 0.70
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.81 2.09 0.00	31.45 1.95 0.00	29.39 1.72 0.00	28.89 1.48 0.00	28.75 1.45 0.00	28.78 1.45 0.00	28.64 1.42 0.00	29.29 1.86 0.00	32.99 2.13 0.00	35.79 2.34 -0.08	38.66 2.95 -0.54	41.07 3.16 -0.67	45.09 3.42 -0.92	45.33 3.40 -0.93	47.11 3.65 -1.05	54.52 4.42 -1.56	60.46 4.83 -1.93	69.05 5.22 -2.42	67.61 4.89 -2.31	54.23 3.76 -1.05	46.01 3.05 -0.54	41.73 3.08 -0.59	38.23 2.89 -0.07	33.83 2.24 -0.09
N.QUEENS_27_KV_LOAD 356247	36.59 2.87 -0.01	32.16 2.65 -0.01	30.08 2.41 -0.01	29.56 2.14 -0.01	29.38 2.07 -0.01	29.41 2.08 -0.01	29.33 2.10 -0.01	30.06 2.63 -0.01	33.80 2.93 -0.01	36.54 3.07 -0.10	39.46 3.69 -0.60	42.78 4.10 -1.45	46.29 4.52 -1.02	46.70 4.67 -1.02	48.44 4.88 -1.15	56.13 5.87 -1.72	61.95 6.12 -2.12	70.71 6.63 -2.66	69.17 6.22 -2.54	55.62 5.04 -1.15	47.29 4.28 -0.59	42.71 4.00 -0.66	39.09 3.74 -0.09	34.61 2.99 -0.10
N.TROY___115KV_TB1 355778	34.93 1.21 0.00	30.74 1.24 0.00	28.83 1.16 0.00	28.48 1.07 0.00	28.31 1.01 0.00	28.31 0.98 0.00	28.10 0.87 0.00	28.44 1.01 0.00	32.04 1.17 0.00	34.46 1.20 0.11	35.89 1.48 0.75	37.90 1.60 0.93	41.18 1.71 1.28	41.31 1.60 1.28	42.61 1.65 1.45	48.37 1.99 2.16	53.28 2.26 2.68	60.63 2.58 3.36	59.80 2.60 3.21	50.15 2.17 1.45	43.41 1.74 0.75	38.91 1.67 0.82	36.72 1.55 0.10	32.55 1.17 0.12
NARROWS_GT1_1 24228	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.32 3.97 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.61 6.40 -73.81	77.44 4.89 -23.12	77.43 4.28 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.06 -15.92
NARROWS_GT1_2 24229	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.32 3.97 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.61 6.40 -73.81	77.44 4.89 -23.12	77.43 4.28 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.06 -15.92
NARROWS_GT1_3 24230	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.32 3.97 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.61 6.40 -73.81	77.44 4.89 -23.12	77.43 4.28 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.06 -15.92
NARROWS_GT1_4 24231	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.32 3.97 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.61 6.40 -73.81	77.44 4.89 -23.12	77.43 4.28 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.06 -15.92
NARROWS_GT1_5 24232	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.32 3.97 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.61 6.40 -73.81	77.44 4.89 -23.12	77.43 4.28 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.06 -15.92

NARROWS_GT1_6 24233	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.32 3.97 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.61 6.40 -73.81	77.44 4.89 -23.12	77.43 4.28 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.06 -15.92
NARROWS_GT1_7 24234	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.32 3.97 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.61 6.40 -73.81	77.44 4.89 -23.12	77.43 4.28 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.06 -15.92
NARROWS_GT1_8 24235	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.32 3.97 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.61 6.40 -73.81	77.44 4.89 -23.12	77.43 4.28 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.06 -15.92
NARROWS_GT2_1 24236	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.32 3.97 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.61 6.40 -73.81	77.44 4.89 -23.12	77.43 4.28 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.06 -15.92
NARROWS_GT2_2 24237	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.32 3.97 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.61 6.40 -73.81	77.44 4.89 -23.12	77.43 4.28 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.06 -15.92
NARROWS_GT2_3 24238	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.32 3.97 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.61 6.40 -73.81	77.44 4.89 -23.12	77.43 4.28 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.06 -15.92
NARROWS_GT2_4 24239	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.32 3.97 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.61 6.40 -73.81	77.44 4.89 -23.12	77.43 4.28 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.06 -15.92
NARROWS_GT2_5 24240	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.32 3.97 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.61 6.40 -73.81	77.44 4.89 -23.12	77.43 4.28 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.06 -15.92
NARROWS_GT2_6 24241	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.32 3.97 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.61 6.40 -73.81	77.44 4.89 -23.12	77.43 4.28 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.06 -15.92
NARROWS_GT2_7 24242	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.32 3.97 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.61 6.40 -73.81	77.44 4.89 -23.12	77.43 4.28 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.06 -15.92
NARROWS_GT2_8 24243	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.32 3.97 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.61 6.40 -73.81	77.44 4.89 -23.12	77.43 4.28 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.06 -15.92
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	35.41 1.69 0.00	31.09 1.59 0.00	29.16 1.49 0.00	28.81 1.40 0.00	28.64 1.34 0.00	28.61 1.28 0.00	28.34 1.12 0.00	28.52 1.10 0.00	32.16 1.30 0.00	34.77 1.43 0.03	36.68 1.72 0.21	38.42 1.45 0.26	42.14 1.75 0.36	42.11 1.48 0.36	43.49 1.48 0.41	49.78 1.84 0.61	54.93 1.99 0.76	63.16 2.70 0.95	62.58 3.08 0.91	51.83 2.82 0.41	44.62 2.42 0.21	40.11 2.28 0.23	37.15 1.90 0.03	32.92 1.45 0.03
NCHELSEA_115KV_TR2 355582	36.08 2.36 0.00	31.59 2.09 0.00	29.55 1.88 0.00	29.08 1.67 0.00	28.91 1.61 0.00	28.94 1.61 0.00	28.78 1.55 0.00	29.34 1.92 0.00	33.12 2.25 0.00	35.91 2.47 -0.07	38.79 3.16 -0.46	41.19 3.39 -0.57	45.32 3.79 -0.78	45.51 3.73 -0.79	47.33 4.03 -0.89	54.67 4.81 -1.32	60.65 5.32 -1.64	69.24 5.77 -2.05	67.92 5.56 -1.96	54.61 4.30 -0.89	46.35 3.48 -0.46	41.95 3.39 -0.50	38.36 3.03 -0.06	33.95 2.36 -0.07
NEG CAPITAL___MECHNVIL 23645	35.57 1.85 0.00	31.18 1.68 0.00	29.22 1.55 0.00	28.94 1.53 0.00	28.72 1.42 0.00	28.75 1.42 0.00	28.64 1.41 0.00	28.82 1.40 0.00	32.56 1.70 0.00	35.14 1.87 0.10	36.66 2.15 0.65	38.78 2.35 0.80	42.21 2.57 1.10	42.27 2.38 1.11	43.45 2.29 1.25	49.49 2.81 1.87	54.62 3.22 2.31	62.32 3.81 2.90	61.69 4.05 2.77	51.53 3.36 1.25	44.57 2.80 0.64	39.86 2.51 0.71	37.41 2.22 0.08	33.17 1.76 0.11
NEG CENTRAL_HIGH_ACRES 23767	33.49 -0.23 0.00	28.97 -0.53 0.00	27.06 -0.61 0.00	26.59 -0.82 0.00	26.40 -0.90 0.00	26.45 -0.88 0.00	26.60 -0.63 0.00	26.95 -0.47 0.00	30.31 -0.55 0.00	32.83 -0.54 0.00	35.06 -0.11 0.00	37.12 -0.11 0.00	40.58 -0.16 0.00	40.96 -0.04 0.00	42.37 -0.04 0.00	47.96 -0.58 0.00	52.84 -0.86 0.00	61.17 -0.24 0.00	60.35 -0.06 0.00	49.52 0.10 0.00	42.50 0.09 0.00	37.75 -0.31 0.00	35.16 -0.11 0.00	30.97 -0.54 0.00

NEG CENTRAL___DRP 24199	34.90 0.67 -0.51	29.81 0.29 -0.01	27.84 0.17 0.00	27.36 -0.05 0.00	27.22 -0.08 0.00	27.27 -0.05 0.00	27.17 -0.05 0.00	27.69 0.27 0.00	31.41 0.37 -0.18	34.28 0.43 -0.47	36.74 0.70 -0.87	39.21 0.86 -1.12	43.17 0.90 -1.53	43.47 0.90 -1.57	45.08 0.93 -1.73	51.63 0.68 -2.41	57.25 0.91 -2.64	65.83 1.47 -2.94	64.88 1.75 -2.72	52.47 1.53 -1.52	44.63 1.36 -0.85	39.49 0.84 -0.59	36.67 0.78 -0.62	31.86 0.35 0.00
NEG CENTRAL___INDECK 23768	35.64 1.92 0.00	30.68 1.18 0.00	28.58 0.91 0.00	27.99 0.58 0.00	27.76 0.46 0.00	27.82 0.49 0.00	28.02 0.79 0.00	28.35 0.93 0.00	31.60 0.74 0.00	33.80 0.43 0.00	35.90 0.74 0.00	37.90 0.67 0.00	41.40 0.65 0.00	40.38 -0.61 0.00	41.73 -0.68 0.00	47.13 -1.41 0.00	52.14 -1.56 0.00	60.98 -0.43 0.00	60.89 0.48 0.00	50.90 1.48 0.00	44.03 1.61 0.00	40.23 2.17 0.00	37.39 2.12 0.00	32.71 1.20 0.00
NEG CENTRAL___SENECA 23627	34.97 0.98 -0.27	30.01 0.50 -0.01	28.00 0.33 0.00	27.44 0.03 0.00	27.30 0.00 0.00	27.35 0.03 0.00	27.31 0.08 0.00	27.86 0.44 0.00	31.51 0.56 -0.09	34.26 0.63 -0.25	36.61 0.98 -0.46	38.98 1.15 -0.59	42.74 1.18 -0.81	43.06 1.23 -0.83	44.56 1.23 -0.92	50.79 0.97 -1.28	56.33 1.24 -1.40	64.93 1.97 -1.56	64.14 2.30 -1.44	52.25 2.03 -0.80	44.65 1.78 -0.45	39.48 1.10 -0.31	36.66 1.06 -0.33	32.01 0.50 0.00
NEG CENTRAL___STATE_STREET 24147	34.94 0.54 -0.68	29.75 0.24 -0.02	27.81 0.14 0.00	27.41 0.00 0.00	27.27 -0.03 0.00	27.30 -0.03 0.00	27.20 -0.03 0.00	27.67 0.25 0.00	31.44 0.34 -0.23	34.44 0.43 -0.63	36.99 0.67 -1.16	39.55 0.82 -1.50	43.72 0.94 -2.04	44.03 0.94 -2.09	45.65 0.93 -2.31	52.58 0.83 -3.21	58.29 1.07 -3.51	66.86 1.54 -3.92	65.73 1.69 -3.63	52.88 1.43 -2.02	44.78 1.23 -1.14	39.68 0.84 -0.79	36.88 0.78 -0.83	31.92 0.41 0.00
NEG MILLWOOD___DRP 24198	36.25 2.53 0.00	31.71 2.21 0.00	29.66 1.99 0.00	29.19 1.78 0.00	29.02 1.72 0.00	29.08 1.75 0.00	28.91 1.69 0.00	29.59 2.17 0.00	33.46 2.59 0.00	36.32 2.87 -0.08	39.31 3.62 -0.52	41.78 3.91 -0.64	46.02 4.40 -0.88	46.43 4.55 -0.88	48.41 5.00 -1.00	55.90 5.87 -1.49	62.09 6.55 -1.84	70.84 7.12 -2.31	69.56 6.95 -2.21	55.56 5.14 -1.00	46.87 3.94 -0.51	42.43 3.81 -0.56	38.72 3.39 -0.07	34.21 2.62 -0.08
NEG NORTH_FLCN_SEA 23793	33.89 0.17 0.00	29.65 0.15 0.00	27.89 0.22 0.00	27.77 0.36 0.00	27.68 0.38 0.00	27.76 0.44 0.00	27.80 0.57 0.00	27.64 0.22 0.00	31.02 0.15 0.00	33.54 0.17 0.00	34.95 -0.21 0.00	36.90 -0.34 0.00	40.34 -0.41 0.00	40.83 -0.16 0.00	42.20 -0.21 0.00	48.35 -0.19 0.00	53.49 -0.21 0.00	61.23 -0.18 0.00	60.16 -0.24 0.00	49.18 -0.25 0.00	42.37 -0.04 0.00	37.75 -0.30 0.00	34.88 -0.39 0.00	31.38 -0.13 0.00
NEG NORTH_KES_CHATEGAY 23792	33.42 -0.30 0.00	29.26 -0.24 0.00	27.50 -0.17 0.00	27.41 0.00 0.00	27.35 0.05 0.00	27.44 0.11 0.00	27.44 0.22 0.00	27.28 -0.14 0.00	30.62 -0.25 0.00	33.10 -0.27 0.00	34.46 -0.70 0.00	36.38 -0.86 0.00	39.77 -0.98 0.00	40.18 -0.82 0.00	41.56 -0.85 0.00	47.57 -0.97 0.00	52.63 -1.07 0.00	60.24 -1.17 0.00	59.26 -1.15 0.00	48.43 -0.99 0.00	41.74 -0.68 0.00	37.22 -0.84 0.00	34.42 -0.85 0.00	31.04 -0.47 0.00
NEG NORTH___ALICE_FALLS 23915	33.85 0.13 0.00	29.65 0.15 0.00	27.86 0.19 0.00	27.74 0.33 0.00	27.65 0.35 0.00	27.76 0.44 0.00	27.77 0.54 0.00	27.61 0.19 0.00	31.02 0.15 0.00	33.50 0.13 0.00	34.92 -0.25 0.00	36.86 -0.37 0.00	40.30 -0.45 0.00	40.79 -0.20 0.00	42.20 -0.21 0.00	48.35 -0.19 0.00	53.54 -0.16 0.00	61.29 -0.12 0.00	60.22 -0.18 0.00	49.23 -0.20 0.00	42.46 0.04 0.00	37.79 -0.27 0.00	34.92 -0.35 0.00	31.38 -0.13 0.00
NEG NORTH___LWR_SARANAC 23913	33.85 0.13 0.00	29.65 0.15 0.00	27.86 0.19 0.00	27.74 0.33 0.00	27.65 0.35 0.00	27.76 0.44 0.00	27.77 0.54 0.00	27.61 0.19 0.00	31.02 0.15 0.00	33.50 0.13 0.00	34.92 -0.25 0.00	36.86 -0.37 0.00	40.30 -0.45 0.00	40.79 -0.20 0.00	42.20 -0.21 0.00	48.35 -0.19 0.00	53.54 -0.16 0.00	61.29 -0.12 0.00	60.22 -0.18 0.00	49.23 -0.20 0.00	42.46 0.04 0.00	37.79 -0.27 0.00	34.92 -0.35 0.00	31.38 -0.13 0.00
NEG NORTH___PLATTSBURG 23628	33.86 0.14 0.00	29.65 0.15 0.00	27.86 0.20 0.00	27.58 0.17 0.00	27.57 0.27 0.00	27.63 0.30 0.00	27.47 0.24 0.00	27.61 0.19 0.00	31.02 0.16 0.00	33.47 0.10 0.00	34.92 -0.24 0.00	36.86 -0.37 0.00	40.30 -0.45 0.00	40.75 -0.24 0.00	42.20 -0.21 0.00	48.35 -0.19 0.00	53.54 -0.16 0.00	61.29 -0.12 0.00	60.16 -0.24 0.00	49.23 -0.20 0.00	42.46 0.04 0.00	37.79 -0.26 0.00	34.92 -0.35 0.00	31.38 -0.13 0.00
NEG WEST_LEA_LOCKPORT 23791	34.06 0.34 0.00	29.17 -0.32 0.00	27.12 -0.55 0.00	26.34 -1.07 0.00	26.13 -1.17 0.00	26.18 -1.15 0.00	26.22 -1.01 0.00	26.74 -0.69 0.00	30.31 -0.56 0.00	32.64 -0.73 0.00	35.06 -0.11 0.00	37.08 -0.15 0.00	40.87 0.12 0.00	41.16 0.16 0.00	42.58 0.17 0.00	47.81 -0.73 0.00	52.90 -0.81 0.00	61.04 -0.37 0.00	60.47 0.06 0.00	49.77 0.35 0.00	42.92 0.51 0.00	37.72 -0.34 0.00	35.09 -0.18 0.00	30.97 -0.54 0.00
NEG WEST___LANCASTR 23811	34.70 0.98 0.00	29.79 0.29 0.00	27.70 0.03 0.00	26.97 -0.44 0.00	26.75 -0.55 0.00	26.86 -0.46 0.00	26.87 -0.35 0.00	27.50 0.08 0.00	31.14 0.28 0.00	33.60 0.23 0.00	36.01 0.84 0.00	38.24 1.01 0.00	42.17 1.43 0.00	42.56 1.56 0.00	44.02 1.61 0.00	49.61 1.07 0.00	54.88 1.18 0.00	63.25 1.84 0.00	62.52 2.11 0.00	51.50 2.08 0.00	44.32 1.91 0.00	38.82 0.76 0.00	35.98 0.71 0.00	31.73 0.22 0.00
NEG_PENN_ALLEGHNY 23528	34.96 0.94 -0.30	30.16 0.65 -0.01	28.19 0.52 0.00	27.79 0.38 0.00	27.60 0.30 0.00	27.68 0.35 0.00	27.77 0.54 0.00	28.08 0.66 0.00	31.68 0.71 -0.10	34.45 0.80 -0.28	36.84 1.16 -0.52	39.20 1.30 -0.67	43.08 1.43 -0.91	43.45 1.52 -0.93	45.01 1.57 -1.03	51.53 1.55 -1.43	56.99 1.72 -1.57	65.37 2.21 -1.75	64.32 2.29 -1.62	52.35 2.03 -0.90	44.62 1.70 -0.51	39.66 1.25 -0.35	36.80 1.16 -0.37	32.23 0.73 0.00
NEG___GEN_MONROE 24207	34.19 0.47 0.00	29.44 -0.06 0.00	27.45 -0.22 0.00	26.86 -0.55 0.00	26.70 -0.60 0.00	26.75 -0.57 0.00	26.68 -0.54 0.00	27.15 -0.27 0.00	30.68 -0.19 0.00	33.14 -0.23 0.00	35.31 0.14 0.00	37.31 0.07 0.00	41.03 0.29 0.00	41.24 0.25 0.00	42.79 0.38 0.00	48.25 -0.29 0.00	53.43 -0.27 0.00	61.78 0.37 0.00	61.13 0.72 0.00	50.26 0.84 0.00	43.31 0.89 0.00	38.29 0.23 0.00	35.55 0.28 0.00	31.38 -0.13 0.00
NEPA___ENERGY 23901	34.66 0.94 0.00	29.82 0.32 0.00	27.70 0.03 0.00	26.97 -0.44 0.00	26.75 -0.55 0.00	26.89 -0.44 0.00	26.90 -0.33 0.00	27.59 0.16 0.00	31.23 0.37 0.00	33.67 0.30 0.00	36.08 0.91 0.00	38.31 1.08 0.00	42.25 1.51 0.00	42.60 1.60 0.00	44.02 1.61 0.00	49.66 1.12 0.00	54.99 1.29 0.00	63.38 1.97 0.00	62.64 2.24 0.00	51.60 2.17 0.00	44.41 1.99 0.00	38.86 0.80 0.00	35.98 0.71 0.00	31.67 0.16 0.00

NEVERSINK___HYD 23608	35.44 1.72 0.00	30.91 1.42 0.00	28.89 1.22 0.00	28.56 1.15 0.00	28.34 1.04 0.00	28.39 1.06 0.00	28.37 1.14 0.00	28.68 1.26 0.00	32.38 1.51 0.00	35.12 1.70 -0.05	36.66 1.16 -0.34	38.88 1.23 -0.42	42.79 1.46 -0.58	42.97 1.39 -0.58	44.68 1.61 -0.65	51.56 2.04 -0.98	57.33 2.42 -1.21	65.56 2.64 -1.51	64.39 2.54 -1.45	51.85 1.78 -0.65	44.20 1.44 -0.34	39.91 1.48 -0.37	37.61 2.29 -0.04	33.33 1.76 -0.05
NEWKRMKL_115KV_TB1 55635	34.39 0.67 0.00	30.32 0.83 0.00	28.50 0.83 0.00	28.15 0.74 0.00	27.98 0.68 0.00	27.98 0.66 0.00	27.77 0.54 0.00	28.08 0.66 0.00	31.64 0.77 0.00	34.03 0.73 0.08	35.67 1.02 0.52	37.60 1.01 0.64	40.97 1.10 0.87	41.10 0.98 0.88	42.39 0.98 0.99	48.32 1.26 1.48	53.21 1.34 1.83	60.65 1.54 2.30	59.72 1.51 2.19	49.72 1.29 0.99	42.88 0.98 0.51	38.56 1.07 0.56	36.19 0.99 0.07	32.12 0.69 0.08
NEWTON___FALLS_HYD 23847	33.92 -0.07 -0.27	29.36 -0.15 -0.01	27.50 -0.17 0.00	27.30 -0.11 0.00	27.25 -0.05 0.00	27.27 -0.05 0.00	27.25 0.03 0.00	27.31 -0.11 0.00	30.77 -0.19 -0.09	33.45 -0.17 -0.25	35.20 -0.42 -0.46	37.30 -0.52 -0.59	40.94 -0.61 -0.81	41.33 -0.49 -0.83	42.78 -0.55 -0.92	49.19 -0.63 -1.28	54.40 -0.70 -1.39	62.47 -0.49 -1.56	61.67 -0.18 -1.44	50.23 0.00 -0.80	43.04 0.17 -0.45	38.41 0.04 -0.31	35.49 -0.11 -0.33	31.45 -0.06 0.00
NGRID_A1_DSASP 323792	33.15 -0.57 0.00	28.44 -1.06 0.00	26.45 -1.22 0.00	25.82 -1.59 0.00	25.80 -1.50 0.00	25.88 -1.45 0.00	26.19 -1.03 0.00	26.43 -0.99 0.00	29.63 -1.24 0.00	31.90 -1.47 0.00	34.39 -0.77 0.00	36.23 -1.00 0.00	39.60 -1.14 0.00	40.06 -0.94 0.00	41.44 -0.97 0.00	46.46 -2.09 0.00	50.91 -2.79 0.00	59.26 -2.15 0.00	58.47 -1.94 0.00	48.44 -0.99 0.00	41.57 -0.85 0.00	36.73 -1.33 0.00	34.46 -0.81 0.00	30.19 -1.32 0.00
NGRID_A2_DSASP 323793	33.15 -0.57 0.00	28.44 -1.06 0.00	26.45 -1.22 0.00	25.82 -1.59 0.00	25.80 -1.50 0.00	25.88 -1.45 0.00	26.19 -1.03 0.00	26.43 -0.99 0.00	29.63 -1.24 0.00	31.90 -1.47 0.00	34.39 -0.77 0.00	36.23 -1.00 0.00	39.60 -1.14 0.00	40.06 -0.94 0.00	41.44 -0.97 0.00	46.46 -2.09 0.00	50.91 -2.79 0.00	59.26 -2.15 0.00	58.47 -1.94 0.00	48.44 -0.99 0.00	41.57 -0.85 0.00	36.73 -1.33 0.00	34.46 -0.81 0.00	30.19 -1.32 0.00
NGRID_A4_DSASP 323807	33.15 -0.57 0.00	28.44 -1.06 0.00	26.45 -1.22 0.00	25.82 -1.59 0.00	25.80 -1.50 0.00	25.88 -1.45 0.00	26.19 -1.03 0.00	26.43 -0.99 0.00	29.63 -1.24 0.00	31.90 -1.47 0.00	34.39 -0.77 0.00	36.23 -1.00 0.00	39.60 -1.14 0.00	40.06 -0.94 0.00	41.44 -0.97 0.00	46.46 -2.09 0.00	50.91 -2.79 0.00	59.26 -2.15 0.00	58.47 -1.94 0.00	48.44 -0.99 0.00	41.57 -0.85 0.00	36.73 -1.33 0.00	34.46 -0.81 0.00	30.19 -1.32 0.00
NIAGARA_115E_LBMP 323715	33.49 -0.23 0.00	28.76 -0.74 0.00	26.76 -0.91 0.00	26.12 -1.29 0.00	25.69 -1.61 0.00	25.77 -1.56 0.00	26.19 -1.03 0.00	26.52 -0.90 0.00	29.75 -1.11 0.00	32.03 -1.34 0.00	34.53 -0.63 0.00	36.38 -0.85 0.00	39.73 -1.02 0.00	40.22 -0.78 0.00	41.65 -0.76 0.00	46.70 -1.84 0.00	51.12 -2.58 0.00	59.57 -1.84 0.00	58.78 -1.63 0.00	48.73 -0.69 0.00	41.82 -0.59 0.00	36.92 -1.14 0.00	34.60 -0.67 0.00	30.41 -1.10 0.00
NIAGARA_115W_LBMP 323714	33.05 -0.67 0.00	28.35 -1.15 0.00	26.37 -1.30 0.00	25.77 -1.64 0.00	25.74 -1.55 0.00	25.82 -1.50 0.00	26.14 -1.09 0.00	26.35 -1.07 0.00	29.57 -1.30 0.00	31.84 -1.53 0.00	34.29 -0.88 0.00	36.12 -1.12 0.00	39.48 -1.26 0.00	39.93 -1.07 0.00	41.31 -1.10 0.00	46.31 -2.23 0.00	50.75 -2.95 0.00	59.08 -2.33 0.00	58.29 -2.12 0.00	48.29 -1.13 0.00	41.44 -0.97 0.00	36.61 -1.45 0.00	34.35 -0.92 0.00	30.09 -1.42 0.00
NIAGARA_230_LBMP 323716	33.52 -0.20 0.00	28.79 -0.71 0.00	26.78 -0.89 0.00	26.15 -1.26 0.00	25.94 -1.36 0.00	26.02 -1.31 0.00	26.44 -0.79 0.00	26.74 -0.68 0.00	30.00 -0.86 0.00	32.30 -1.07 0.00	34.78 -0.39 0.00	36.64 -0.60 0.00	40.05 -0.69 0.00	40.51 -0.49 0.00	41.90 -0.51 0.00	47.04 -1.51 0.00	51.55 -2.15 0.00	60.00 -1.41 0.00	59.20 -1.21 0.00	49.03 -0.40 0.00	42.08 -0.34 0.00	37.15 -0.91 0.00	34.85 -0.42 0.00	30.53 -0.98 0.00
NIAGARA___115KV_198_GIBSON 55903	33.05 -0.67 0.00	28.32 -1.18 0.00	26.31 -1.36 0.00	25.90 -1.51 0.00	25.66 -1.64 0.00	25.74 -1.58 0.00	25.54 -1.69 0.00	26.05 -1.37 0.00	29.54 -1.33 0.00	31.80 -1.57 0.00	34.15 -1.02 0.00	36.08 -1.15 0.00	39.77 -0.98 0.00	40.01 -0.98 0.00	41.39 -1.02 0.00	46.45 -2.09 0.00	51.39 -2.31 0.00	59.26 -2.15 0.00	58.65 -1.75 0.00	48.29 -1.14 0.00	41.65 -0.76 0.00	36.61 -1.45 0.00	34.11 -1.16 0.00	30.09 -1.42 0.00
NIAGARA____ 23760	33.52 -0.20 0.00	28.79 -0.71 0.00	26.78 -0.89 0.00	26.15 -1.26 0.00	25.94 -1.36 0.00	26.02 -1.31 0.00	26.44 -0.79 0.00	26.74 -0.68 0.00	30.00 -0.86 0.00	32.30 -1.07 0.00	34.78 -0.39 0.00	36.64 -0.60 0.00	40.05 -0.69 0.00	40.51 -0.49 0.00	41.90 -0.51 0.00	47.04 -1.51 0.00	51.55 -2.15 0.00	60.00 -1.41 0.00	59.20 -1.21 0.00	49.03 -0.40 0.00	42.08 -0.34 0.00	37.15 -0.91 0.00	34.85 -0.42 0.00	30.53 -0.98 0.00
NINE_MILE_1 23575	28.35 -0.81 4.56	28.64 -0.74 0.12	26.95 -0.72 0.00	26.67 -0.74 0.00	26.51 -0.79 0.00	26.56 -0.76 0.00	26.52 -0.71 0.00	26.71 -0.71 0.00	28.46 -0.83 1.58	28.25 -0.87 4.25	26.63 -0.74 7.80	26.38 -0.78 10.07	26.10 -0.90 13.75	26.08 -0.86 14.06	25.95 -0.93 15.53	25.75 -1.17 21.62	28.71 -1.34 23.65	33.68 -1.35 26.38	34.70 -1.27 24.43	34.84 -0.99 13.60	33.91 -0.85 7.66	31.94 -0.84 5.29	28.93 -0.74 5.60	30.72 -0.79 0.00
NINE_MILE_2 23744	28.28 -0.81 4.63	28.64 -0.74 0.12	26.95 -0.72 0.00	26.67 -0.74 0.00	26.54 -0.76 0.00	26.56 -0.76 0.00	26.55 -0.68 0.00	26.71 -0.71 0.00	28.43 -0.83 1.60	28.18 -0.87 4.32	26.51 -0.74 7.92	26.23 -0.78 10.22	25.89 -0.90 13.96	25.87 -0.86 14.27	25.72 -0.93 15.76	25.43 -1.17 21.95	28.36 -1.34 24.00	33.28 -1.35 26.78	34.34 -1.27 24.80	34.63 -0.99 13.81	33.79 -0.85 7.78	31.86 -0.84 5.37	28.85 -0.74 5.68	30.72 -0.79 0.00
NM_CAPITAL___DRP 24208	34.43 0.71 0.00	30.38 0.88 0.00	28.53 0.86 0.00	28.18 0.77 0.00	28.04 0.74 0.00	28.04 0.71 0.00	27.80 0.57 0.00	28.11 0.69 0.00	31.67 0.80 0.00	34.09 0.80 0.08	35.65 1.05 0.57	37.57 1.04 0.70	40.92 1.14 0.97	41.05 1.02 0.97	42.37 1.06 1.10	48.26 1.36 1.64	53.12 1.45 2.03	60.46 1.60 2.54	59.55 1.57 2.43	49.66 1.33 1.10	42.91 1.06 0.57	38.54 1.10 0.62	36.22 1.02 0.07	32.14 0.72 0.09
NM_CENTRAL___DRP 24181	34.16 0.00 -0.44	29.39 -0.12 -0.01	27.50 -0.17 0.00	27.14 -0.27 0.00	27.00 -0.30 0.00	27.03 -0.30 0.00	26.93 -0.30 0.00	27.31 -0.11 0.00	30.92 -0.09 -0.15	33.75 -0.03 -0.41	36.10 0.18 -0.76	38.43 0.22 -0.98	42.33 0.24 -1.34	42.61 0.25 -1.37	44.13 0.21 -1.51	50.74 0.10 -2.10	56.10 0.11 -2.30	64.28 0.31 -2.56	63.14 0.36 -2.37	51.09 0.35 -1.32	43.50 0.34 -0.74	38.69 0.11 -0.51	35.99 0.18 -0.54	31.48 -0.03 0.00

NM_FRONTIER___DRP 24179	33.05 -0.67 0.00	28.32 -1.18 0.00	26.31 -1.36 0.00	25.90 -1.51 0.00	25.66 -1.64 0.00	25.74 -1.58 0.00	25.54 -1.69 0.00	26.05 -1.37 0.00	29.54 -1.33 0.00	31.80 -1.57 0.00	34.15 -1.02 0.00	36.08 -1.15 0.00	39.77 -0.98 0.00	40.01 -0.98 0.00	41.39 -1.02 0.00	46.45 -2.09 0.00	51.39 -2.31 0.00	59.26 -2.15 0.00	58.65 -1.75 0.00	48.29 -1.14 0.00	41.65 -0.76 0.00	36.61 -1.45 0.00	34.11 -1.16 0.00	30.09 -1.42 0.00
NM_ST_REGIS___HYD 24053	32.91 -0.81 0.00	28.79 -0.71 0.00	27.06 -0.61 0.00	26.97 -0.44 0.00	26.94 -0.35 0.00	27.05 -0.27 0.00	27.06 -0.16 0.00	26.90 -0.52 0.00	30.18 -0.68 0.00	32.64 -0.73 0.00	33.93 -1.23 0.00	35.85 -1.38 0.00	39.20 -1.55 0.00	39.64 -1.35 0.00	40.93 -1.48 0.00	46.89 -1.65 0.00	51.87 -1.83 0.00	59.44 -1.97 0.00	58.53 -1.87 0.00	47.89 -1.53 0.00	41.36 -1.06 0.00	36.88 -1.18 0.00	34.11 -1.16 0.00	30.72 -0.79 0.00
NORTHPORT___1 23551	46.53 2.70 -10.11	45.62 2.42 -13.70	42.16 2.13 -12.36	38.70 2.06 -9.23	32.93 1.97 -3.66	34.08 2.02 -4.73	33.35 2.23 -3.89	32.34 2.41 -2.50	40.66 2.68 -7.11	46.17 3.00 -9.80	41.30 3.34 -2.79	41.38 3.61 -0.54	41.58 3.91 3.08	41.38 3.85 3.47	41.72 4.11 4.80	41.73 5.00 11.82	42.08 5.58 17.21	42.08 5.96 25.28	42.08 5.68 24.00	41.83 4.05 11.65	41.58 3.48 4.31	41.58 3.46 -0.06	41.06 3.21 -2.58	40.91 2.71 -6.69
NORTHPORT___2 23552	46.53 2.70 -10.11	45.62 2.42 -13.70	42.16 2.13 -12.36	38.70 2.06 -9.23	32.93 1.97 -3.66	34.08 2.02 -4.73	33.35 2.23 -3.89	32.34 2.41 -2.50	40.66 2.68 -7.11	46.17 3.00 -9.80	41.30 3.34 -2.79	41.38 3.61 -0.54	41.58 3.91 3.08	41.38 3.85 3.47	41.72 4.11 4.80	41.73 5.00 11.82	42.08 5.58 17.21	42.08 5.96 25.28	42.08 5.68 24.00	41.83 4.05 11.65	41.58 3.48 4.31	41.58 3.46 -0.06	41.06 3.21 -2.58	40.91 2.71 -6.69
NORTHPORT___3 23553	46.29 2.46 -10.11	45.50 2.30 -13.70	42.10 2.08 -12.36	38.62 1.97 -9.23	32.82 1.86 -3.66	33.94 1.88 -4.73	33.16 2.04 -3.89	32.17 2.25 -2.50	40.60 2.62 -7.11	45.97 2.80 -9.80	41.18 3.23 -2.78	41.26 3.50 -0.53	41.49 3.83 3.09	41.37 3.85 3.48	41.67 4.07 4.81	41.67 4.95 11.83	42.02 5.53 17.21	41.95 5.84 25.29	41.95 5.55 24.01	41.67 3.90 11.66	41.53 3.43 4.32	41.46 3.35 -0.05	40.98 3.14 -2.57	40.62 2.43 -6.68
NORTHPORT___4 23650	46.29 2.46 -10.11	45.50 2.30 -13.70	42.10 2.08 -12.36	38.62 1.97 -9.23	32.82 1.86 -3.66	33.94 1.88 -4.73	33.16 2.04 -3.89	32.17 2.25 -2.50	40.60 2.62 -7.11	45.97 2.80 -9.80	41.18 3.23 -2.78	41.26 3.50 -0.53	41.49 3.83 3.09	41.37 3.85 3.48	41.67 4.07 4.81	41.67 4.95 11.83	42.02 5.53 17.21	41.95 5.84 25.29	41.95 5.55 24.01	41.67 3.90 11.66	41.53 3.43 4.32	41.46 3.35 -0.05	40.98 3.14 -2.57	40.62 2.43 -6.68
NORTHPORT___IC 23718	46.53 2.70 -10.11	45.68 2.48 -13.70	42.21 2.19 -12.36	38.61 1.97 -9.23	32.90 1.94 -3.66	34.03 1.97 -4.73	33.11 1.99 -3.89	32.37 2.44 -2.50	40.66 2.69 -7.11	46.14 2.97 -9.80	41.26 3.31 -2.79	41.34 3.57 -0.54	41.54 3.87 3.08	41.38 3.85 3.47	41.72 4.11 4.80	41.68 4.95 11.82	41.97 5.48 17.21	42.02 5.90 25.28	41.90 5.50 24.00	42.03 4.25 11.65	41.54 3.44 4.31	41.62 3.50 -0.06	41.10 3.24 -2.58	40.91 2.71 -6.69
NORTH___COUNTRY_ESR 323785	33.35 -0.37 0.00	29.18 -0.32 0.00	27.42 -0.25 0.00	27.19 -0.22 0.00	27.19 -0.11 0.00	27.22 -0.11 0.00	27.04 -0.19 0.00	27.20 -0.22 0.00	30.56 -0.31 0.00	33.00 -0.37 0.00	34.36 -0.81 0.00	36.30 -0.93 0.00	39.69 -1.06 0.00	40.06 -0.94 0.00	41.44 -0.97 0.00	47.47 -1.07 0.00	52.52 -1.18 0.00	60.06 -1.35 0.00	59.02 -1.39 0.00	48.29 -1.13 0.00	41.57 -0.85 0.00	37.11 -0.95 0.00	34.32 -0.95 0.00	30.94 -0.57 0.00
NPX_GEN_1385_PROXY 323591	38.96 1.69 -3.55	38.69 1.53 -7.66	32.96 1.33 -3.96	32.41 1.26 -3.74	32.22 1.26 -3.66	33.48 1.42 -4.73	32.94 1.82 -3.89	32.09 2.17 -2.50	37.96 1.76 -5.34	38.96 2.00 -3.59	38.96 2.28 -1.51	40.45 2.68 -0.54	40.60 2.94 3.08	40.40 2.87 3.47	41.12 3.52 4.80	41.04 4.32 11.82	41.43 4.94 17.21	42.15 6.02 25.28	41.90 5.50 24.00	41.68 3.90 11.65	41.74 2.67 3.35	39.78 2.62 0.91	37.00 2.12 0.39	35.00 1.80 -1.70
NPX_GEN_CSC 323557	47.07 3.24 -10.11	45.91 2.71 -13.70	42.43 2.41 -12.36	38.97 2.33 -9.23	33.28 2.32 -3.66	34.41 2.35 -4.73	33.62 2.50 -3.89	32.48 2.55 -2.50	40.94 2.96 -7.11	47.33 3.47 -10.49	44.24 4.22 -4.85	66.41 4.58 -24.60	74.94 5.01 -29.19	234.95 5.00 -188.95	228.92 5.26 -181.25	260.68 6.26 -205.87	271.64 7.03 -210.90	259.59 7.68 -190.51	261.78 7.43 -193.95	222.60 5.39 -167.79	105.24 4.67 -58.16	83.07 4.53 -40.48	43.16 4.05 -3.84	41.51 3.31 -6.70
NSINS_S_GLNS_FALLS 23858	35.81 2.09 0.00	31.39 1.89 0.00	29.36 1.69 0.00	28.97 1.56 0.00	28.77 1.47 0.00	28.78 1.45 0.00	28.62 1.39 0.00	28.96 1.54 0.00	32.78 1.91 0.00	35.39 2.10 0.08	36.81 2.22 0.57	38.98 2.46 0.71	42.34 2.57 0.97	42.19 2.17 0.98	43.30 1.99 1.10	49.47 2.57 1.64	54.94 3.28 2.03	62.91 4.05 2.55	62.62 4.65 2.44	52.27 3.95 1.10	45.11 3.27 0.57	40.25 2.82 0.62	37.66 2.47 0.07	33.34 1.92 0.09
NUCOR_STEEL___DRP 24197	35.05 0.61 -0.73	29.81 0.29 -0.02	27.89 0.22 0.00	27.49 0.08 0.00	27.35 0.05 0.00	27.41 0.08 0.00	27.31 0.08 0.00	27.75 0.33 0.00	31.52 0.40 -0.25	34.55 0.50 -0.68	37.11 0.70 -1.24	39.69 0.86 -1.60	43.87 0.94 -2.19	44.22 0.98 -2.24	45.86 0.98 -2.47	52.85 0.87 -3.44	58.54 1.07 -3.76	67.08 1.47 -4.20	65.92 1.63 -3.89	53.02 1.43 -2.16	44.86 1.23 -1.22	39.74 0.84 -0.84	36.97 0.81 -0.89	31.98 0.47 0.00
NUMBER_THREE_WT_PWR 323818	34.98 0.94 -0.32	30.21 0.71 -0.01	28.25 0.58 0.00	27.96 0.55 0.00	27.85 0.55 0.00	27.84 0.52 0.00	27.82 0.60 0.00	28.08 0.66 0.00	31.65 0.68 -0.11	34.44 0.77 -0.30	36.42 0.70 -0.55	38.65 0.71 -0.71	42.49 0.77 -0.97	42.81 0.82 -0.99	44.31 0.80 -1.09	50.99 0.92 -1.52	56.39 1.02 -1.67	64.93 1.66 -1.86	64.12 1.99 -1.72	52.26 1.88 -0.96	44.65 1.70 -0.54	39.88 1.45 -0.37	36.79 1.13 -0.39	32.36 0.85 0.00
NYISO_LBMP_REFERENCE 24008	33.72 0.00 0.00	29.50 0.00 0.00	27.67 0.00 0.00	27.41 0.00 0.00	27.30 0.00 0.00	27.33 0.00 0.00	27.23 0.00 0.00	27.42 0.00 0.00	30.86 0.00 0.00	33.37 0.00 0.00	35.17 0.00 0.00	37.23 0.00 0.00	40.75 0.00 0.00	41.00 0.00 0.00	42.41 0.00 0.00	48.54 0.00 0.00	53.70 0.00 0.00	61.41 0.00 0.00	60.41 0.00 0.00	49.42 0.00 0.00	42.42 0.00 0.00	38.06 0.00 0.00	35.27 0.00 0.00	31.51 0.00 0.00
NYPA_BRENTWD____GT 24164	47.24 3.40 -10.11	46.15 2.95 -13.70	42.66 2.63 -12.36	39.16 2.52 -9.23	33.37 2.40 -3.66	34.52 2.46 -4.73	33.76 2.64 -3.89	32.72 2.80 -2.50	41.15 3.18 -7.11	46.77 3.61 -9.80	42.92 4.22 -3.54	66.48 4.62 -24.63	74.65 4.72 -29.18	94.80 4.59 -49.21	105.61 4.88 -58.33	104.70 5.87 -50.29	116.74 6.60 -56.44	111.95 7.12 -43.42	110.11 6.82 -42.88	91.84 4.94 -37.47	59.31 4.37 -12.52	53.86 4.41 -11.38	42.28 4.09 -2.92	41.63 3.44 -6.69

NYPA_GOWANUS____GT5 24156	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.28 3.94 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.56 6.34 -73.81	77.44 4.89 -23.12	77.39 4.24 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.06 -15.92
NYPA_GOWANUS____GT6 24157	56.48 2.97 -19.79	31.99 2.48 -0.02	29.97 2.30 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.40 2.08 0.00	29.43 2.20 0.00	29.83 2.41 0.00	33.70 2.84 0.00	55.88 3.27 -19.23	55.28 3.94 -16.18	50.63 4.28 -9.12	47.43 4.72 -1.96	80.82 4.63 -35.19	89.19 4.79 -41.99	86.15 5.77 -31.84	81.43 6.28 -21.45	132.60 6.76 -64.43	140.56 6.34 -73.81	77.44 4.89 -23.12	77.39 4.24 -30.73	77.43 4.15 -35.22	54.14 3.85 -15.02	50.49 3.06 -15.92
NYPA_HARLEM__RVR__GT1 24160	36.49 2.77 -0.01	31.99 2.48 -0.01	29.95 2.27 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.39 2.05 -0.01	29.47 2.23 -0.01	29.92 2.49 -0.01	33.70 2.84 0.00	36.47 3.00 -0.10	39.39 3.62 -0.60	42.62 3.94 -1.44	46.17 4.40 -1.02	46.49 4.47 -1.02	48.18 4.62 -1.15	55.89 5.63 -1.72	61.89 6.07 -2.12	70.65 6.57 -2.66	69.11 6.16 -2.54	55.32 4.75 -1.15	47.17 4.16 -0.59	42.64 3.92 -0.66	38.92 3.56 -0.09	34.51 2.90 -0.10
NYPA_HARLEM__RVR__GT2 24161	36.49 2.77 -0.01	31.99 2.48 -0.01	29.95 2.27 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.39 2.05 -0.01	29.47 2.23 -0.01	29.92 2.49 -0.01	33.70 2.84 0.00	36.47 3.00 -0.10	39.39 3.62 -0.60	42.62 3.94 -1.44	46.17 4.40 -1.02	46.49 4.47 -1.02	48.18 4.62 -1.15	55.89 5.63 -1.72	61.89 6.07 -2.12	70.65 6.57 -2.66	69.11 6.16 -2.54	55.32 4.75 -1.15	47.17 4.16 -0.59	42.64 3.92 -0.66	38.92 3.56 -0.09	34.51 2.90 -0.10
NYPA_KENT____GT 24152	47.96 2.90 -11.34	31.93 2.42 -0.01	29.89 2.21 -0.01	29.53 2.11 0.00	29.27 1.97 0.00	29.32 1.99 0.00	29.38 2.15 0.00	29.81 2.38 0.00	33.64 2.78 0.00	47.59 3.17 -11.05	49.65 3.87 -10.61	47.20 4.13 -5.84	46.86 4.56 -1.56	46.59 4.51 -1.08	48.26 4.67 -1.18	55.91 5.63 -1.74	61.97 6.12 -2.15	70.67 6.57 -2.69	69.14 6.16 -2.57	55.30 4.70 -1.18	47.15 4.11 -0.62	62.54 4.03 -20.45	47.64 3.74 -8.64	43.66 2.99 -9.16
NYPA_POUCH1____GT 24155	56.41 2.90 -19.79	31.93 2.42 -0.02	29.92 2.24 -0.01	29.53 2.11 -0.01	29.27 1.97 -0.01	29.35 2.02 0.00	29.35 2.13 0.00	29.78 2.36 0.00	33.61 2.75 0.00	55.74 3.14 -19.23	55.18 3.83 -16.18	50.52 4.17 -9.12	47.30 4.60 -1.96	80.74 4.55 -35.19	89.10 4.71 -41.99	86.10 5.73 -31.84	81.38 6.23 -21.45	132.53 6.69 -64.43	140.56 6.34 -73.81	77.39 4.85 -23.12	77.35 4.20 -30.73	77.36 4.07 -35.22	54.07 3.78 -15.02	50.39 2.96 -15.92
NYPA_VERNON____GT2 24162	39.40 2.80 -2.88	31.86 2.36 0.00	29.84 2.16 -0.01	29.44 2.03 0.00	29.21 1.91 0.00	29.27 1.94 0.00	29.32 2.10 0.00	29.75 2.33 0.00	33.58 2.72 0.00	39.31 3.07 -2.87	43.98 3.76 -5.05	43.85 4.06 -2.56	46.34 4.44 -1.16	46.43 4.39 -1.04	48.11 4.54 -1.16	55.74 5.48 -1.72	61.78 5.96 -2.12	70.46 6.39 -2.66	68.93 5.98 -2.54	55.12 4.54 -1.15	47.00 3.99 -0.60	47.65 3.92 -5.67	41.16 3.63 -2.25	36.84 2.93 -2.40
NYPA_VERNON____GT3 24163	39.40 2.80 -2.88	31.86 2.36 0.00	29.84 2.16 -0.01	29.44 2.03 0.00	29.21 1.91 0.00	29.27 1.94 0.00	29.32 2.10 0.00	29.75 2.33 0.00	33.58 2.72 0.00	39.31 3.07 -2.87	43.98 3.76 -5.05	43.85 4.06 -2.56	46.34 4.44 -1.16	46.43 4.39 -1.04	48.11 4.54 -1.16	55.74 5.48 -1.72	61.78 5.96 -2.12	70.46 6.39 -2.66	68.93 5.98 -2.54	55.12 4.54 -1.15	47.00 3.99 -0.60	47.65 3.92 -5.67	41.16 3.63 -2.25	36.84 2.93 -2.40
NYPA____ASTORIA_CC1 323568	36.46 2.73 -0.01	31.83 2.33 0.00	29.81 2.13 -0.01	29.41 2.00 0.00	29.18 1.88 0.00	29.24 1.91 0.00	29.29 2.07 0.00	29.72 2.30 0.00	33.52 2.65 0.00	36.50 3.04 -0.10	41.66 3.69 -2.80	42.67 3.99 -1.45	46.17 4.40 -1.02	46.32 4.30 -1.02	48.01 4.45 -1.15	55.64 5.39 -1.71	61.67 5.85 -2.11	70.27 6.20 -2.66	68.74 5.80 -2.53	55.02 4.45 -1.15	46.91 3.90 -0.59	42.60 3.88 -0.66	38.95 3.60 -0.09	34.48 2.87 -0.10
NYPA____ASTORIA_CC2 323569	36.46 2.73 -0.01	31.83 2.33 0.00	29.81 2.13 -0.01	29.41 2.00 0.00	29.18 1.88 0.00	29.24 1.91 0.00	29.29 2.07 0.00	29.72 2.30 0.00	33.52 2.65 0.00	36.50 3.04 -0.10	41.66 3.69 -2.80	42.67 3.99 -1.45	46.17 4.40 -1.02	46.32 4.30 -1.02	48.01 4.45 -1.15	55.64 5.39 -1.71	61.67 5.85 -2.11	70.27 6.20 -2.66	68.74 5.80 -2.53	55.02 4.45 -1.15	46.91 3.90 -0.59	42.60 3.88 -0.66	38.95 3.60 -0.09	34.48 2.87 -0.10
NYPA____HOLTSVILL 23794	47.07 3.24 -10.11	45.97 2.77 -13.70	42.49 2.46 -12.36	39.02 2.38 -9.23	33.26 2.29 -3.66	34.41 2.35 -4.73	33.62 2.50 -3.89	32.58 2.66 -2.50	41.00 3.03 -7.11	46.60 3.44 -9.80	44.71 4.04 -5.50	66.15 4.32 -24.60	74.66 4.72 -29.19	231.48 4.71 -185.77	225.82 4.96 -178.45	256.79 5.92 -202.33	267.75 6.66 -207.39	255.75 7.18 -187.16	257.80 6.88 -190.51	219.29 5.04 -164.82	102.92 4.33 -56.18	83.08 4.26 -40.76	43.00 3.91 -3.82	41.48 3.28 -6.70
NYPA____HELLGATE_GT1 24158	36.49 2.77 -0.01	31.99 2.48 -0.01	29.95 2.27 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.39 2.05 -0.01	29.47 2.23 -0.01	29.92 2.49 -0.01	33.72 2.84 -0.02	36.47 3.00 -0.10	39.39 3.62 -0.60	42.62 3.94 -1.44	46.17 4.40 -1.02	46.49 4.47 -1.02	48.18 4.62 -1.15	55.89 5.63 -1.72	61.89 6.07 -2.12	70.65 6.57 -2.66	69.11 6.16 -2.54	55.32 4.75 -1.15	47.16 4.16 -0.59	42.64 3.92 -0.66	38.92 3.56 -0.09	34.51 2.90 -0.10
NYPA____HELLGATE_GT2 24159	36.49 2.77 -0.01	31.99 2.48 -0.01	29.95 2.27 -0.01	29.58 2.16 -0.01	29.33 2.02 -0.01	29.39 2.05 -0.01	29.47 2.23 -0.01	29.92 2.49 -0.01	33.72 2.84 -0.02	36.47 3.00 -0.10	39.39 3.62 -0.60	42.62 3.94 -1.44	46.17 4.40 -1.02	46.49 4.47 -1.02	48.18 4.62 -1.15	55.89 5.63 -1.72	61.89 6.07 -2.12	70.65 6.57 -2.66	69.11 6.16 -2.54	55.32 4.75 -1.15	47.16 4.16 -0.59	42.64 3.92 -0.66	38.92 3.56 -0.09	34.51 2.90 -0.10
NYS_BARGE____HYD 23848	34.06 0.34 0.00	29.20 -0.29 0.00	27.17 -0.50 0.00	26.53 -0.88 0.00	26.18 -1.12 0.00	26.26 -1.07 0.00	26.68 -0.54 0.00	27.04 -0.38 0.00	30.31 -0.55 0.00	32.67 -0.70 0.00	35.20 0.04 0.00	37.12 -0.11 0.00	40.58 -0.16 0.00	41.08 0.08 0.00	42.54 0.13 0.00	47.67 -0.87 0.00	52.25 -1.45 0.00	60.92 -0.49 0.00	60.11 -0.30 0.00	49.82 0.39 0.00	42.71 0.30 0.00	37.72 -0.34 0.00	35.34 0.07 0.00	30.97 -0.54 0.00
OAK ORCHARD____HYD 24046	34.06 0.34 0.00	29.38 -0.12 0.00	27.42 -0.25 0.00	26.92 -0.49 0.00	26.73 -0.57 0.00	26.75 -0.58 0.00	26.95 -0.27 0.00	27.31 -0.11 0.00	30.71 -0.15 0.00	33.24 -0.13 0.00	35.55 0.39 0.00	37.57 0.33 0.00	41.11 0.37 0.00	41.49 0.49 0.00	42.92 0.51 0.00	48.49 -0.05 0.00	53.38 -0.32 0.00	61.90 0.49 0.00	61.07 0.67 0.00	50.26 0.84 0.00	43.14 0.72 0.00	38.29 0.23 0.00	35.66 0.39 0.00	31.38 -0.13 0.00

OAKDALE___35_KV_LOAD 356122	34.76 0.74 -0.29	29.98 0.47 -0.01	28.03 0.36 0.00	27.57 0.16 0.00	27.41 0.11 0.00	27.49 0.16 0.00	27.39 0.16 0.00	27.86 0.44 0.00	31.52 0.56 -0.10	34.24 0.60 -0.27	36.55 0.88 -0.50	38.92 1.04 -0.65	42.89 1.26 -0.89	43.17 1.27 -0.91	44.73 1.31 -1.00	51.25 1.31 -1.39	56.73 1.50 -1.52	64.95 1.84 -1.70	63.91 1.93 -1.57	52.03 1.73 -0.88	44.39 1.48 -0.49	39.43 1.03 -0.34	36.55 0.92 -0.36	32.04 0.54 0.00
OCC_CHEM___DRP 24175	33.15 -0.57 0.00	28.41 -1.09 0.00	26.40 -1.27 0.00	25.96 -1.45 0.00	25.72 -1.58 0.00	25.80 -1.53 0.00	25.62 -1.61 0.00	26.13 -1.29 0.00	29.63 -1.23 0.00	31.90 -1.47 0.00	34.25 -0.91 0.00	36.19 -1.04 0.00	39.89 -0.86 0.00	40.14 -0.86 0.00	41.52 -0.89 0.00	46.60 -1.94 0.00	51.55 -2.15 0.00	59.44 -1.97 0.00	58.84 -1.57 0.00	48.43 -0.99 0.00	41.78 -0.64 0.00	36.73 -1.33 0.00	34.21 -1.06 0.00	30.19 -1.32 0.00
OH_GEN_PROXY 24063	33.52 -0.20 0.00	28.79 -0.71 0.00	26.78 -0.89 0.00	26.18 -1.23 0.00	25.94 -1.36 0.00	26.04 -1.28 0.00	26.46 -0.76 0.00	26.76 -0.66 0.00	30.03 -0.83 0.00	33.03 -1.03 -0.70	34.12 -0.35 0.70	36.71 -0.52 0.00	40.14 -0.61 0.00	40.59 -0.41 0.00	41.99 -0.42 0.00	47.13 -1.41 0.00	51.66 -2.04 0.00	60.18 -1.23 0.00	59.32 -1.09 0.00	49.13 -0.29 0.00	43.13 -0.25 -0.96	36.26 -0.84 0.96	34.88 -0.39 0.00	30.56 -0.94 0.00
OLIN_CORP_DRP 24177	33.52 -0.20 0.00	28.76 -0.74 0.00	26.73 -0.94 0.00	25.90 -1.51 0.00	25.69 -1.61 0.00	25.74 -1.58 0.00	25.84 -1.39 0.00	26.27 -1.15 0.00	29.78 -1.08 0.00	32.10 -1.27 0.00	34.46 -0.70 0.00	36.41 -0.82 0.00	40.13 -0.61 0.00	40.42 -0.57 0.00	41.77 -0.64 0.00	46.94 -1.60 0.00	51.93 -1.77 0.00	59.87 -1.54 0.00	59.26 -1.15 0.00	48.83 -0.59 0.00	42.12 -0.30 0.00	36.99 -1.07 0.00	34.46 -0.81 0.00	30.47 -1.04 0.00
OLIN_CORP_DSASP 323712	33.15 -0.57 0.00	28.44 -1.06 0.00	26.45 -1.22 0.00	25.82 -1.59 0.00	25.80 -1.50 0.00	25.88 -1.45 0.00	26.19 -1.03 0.00	26.43 -0.99 0.00	29.63 -1.24 0.00	31.90 -1.47 0.00	34.39 -0.77 0.00	36.23 -1.00 0.00	39.60 -1.14 0.00	40.06 -0.94 0.00	41.44 -0.97 0.00	46.46 -2.09 0.00	50.91 -2.79 0.00	59.26 -2.15 0.00	58.47 -1.94 0.00	48.44 -0.99 0.00	41.57 -0.85 0.00	36.73 -1.33 0.00	34.46 -0.81 0.00	30.19 -1.32 0.00
ONEIDA_HERK_LFGE 323681	35.01 1.11 -0.18	30.36 0.86 0.00	28.42 0.75 0.00	28.12 0.71 0.00	27.98 0.68 0.00	28.01 0.68 0.00	27.96 0.74 0.00	28.24 0.82 0.00	31.85 0.93 -0.06	34.60 1.07 -0.16	36.59 1.13 -0.30	38.85 1.23 -0.39	42.62 1.34 -0.53	42.89 1.35 -0.54	44.41 1.40 -0.60	50.97 1.60 -0.83	56.33 1.72 -0.91	64.76 2.33 -1.02	63.76 2.42 -0.94	52.07 2.12 -0.52	44.53 1.82 -0.29	39.82 1.56 -0.20	36.79 1.31 -0.22	32.49 0.98 0.00
ONEIDA___115KV_TB4 55905	35.38 1.42 -0.24	30.60 1.09 -0.01	28.61 0.94 0.00	28.23 0.82 0.00	28.09 0.79 0.00	28.09 0.77 0.00	27.99 0.76 0.00	28.41 0.99 0.00	32.06 1.11 -0.08	34.86 1.27 -0.22	37.02 1.44 -0.41	39.36 1.60 -0.53	43.30 1.83 -0.72	43.54 1.80 -0.74	45.09 1.87 -0.82	51.77 2.09 -1.14	57.26 2.31 -1.25	65.75 2.95 -1.39	64.71 3.02 -1.29	52.71 2.57 -0.72	45.03 2.21 -0.40	40.20 1.86 -0.28	37.15 1.59 -0.29	32.71 1.20 0.00
ONONDAGA_REF_OCCRA 23987	34.23 -0.03 -0.55	29.34 -0.18 -0.01	27.45 -0.22 0.00	27.08 -0.33 0.00	26.94 -0.35 0.00	26.97 -0.36 0.00	26.87 -0.35 0.00	27.26 -0.16 0.00	30.90 -0.15 -0.19	33.81 -0.07 -0.51	36.21 0.11 -0.93	38.62 0.19 -1.21	42.60 0.20 -1.65	42.89 0.20 -1.68	44.44 0.17 -1.86	51.18 0.05 -2.59	56.64 0.11 -2.83	64.82 0.25 -3.16	63.70 0.36 -2.93	51.35 0.30 -1.63	43.59 0.25 -0.92	38.77 0.08 -0.63	36.05 0.11 -0.67	31.41 -0.09 0.00
ONONDAGA___COGEN 23986	34.70 0.17 -0.81	29.52 0.00 -0.02	27.64 -0.03 0.00	27.25 -0.16 0.00	27.14 -0.16 0.00	27.16 -0.16 0.00	27.06 -0.16 0.00	27.45 0.03 0.00	31.21 0.06 -0.28	34.29 0.17 -0.76	36.91 0.35 -1.39	39.47 0.45 -1.79	43.68 0.49 -2.45	43.99 0.49 -2.50	45.64 0.47 -2.76	52.73 0.34 -3.85	58.34 0.43 -4.21	66.78 0.68 -4.70	65.48 0.72 -4.35	52.49 0.64 -2.42	44.37 0.59 -1.36	39.34 0.34 -0.94	36.62 0.35 -1.00	31.64 0.13 0.00
ONTARIO___LFGE 23819	34.97 0.98 -0.27	30.04 0.53 -0.01	28.03 0.36 0.00	27.55 0.14 0.00	27.35 0.05 0.00	27.44 0.11 0.00	27.61 0.38 0.00	28.00 0.58 0.00	31.54 0.58 -0.09	34.25 0.63 -0.25	36.68 1.05 -0.46	38.98 1.16 -0.59	42.61 1.06 -0.81	42.97 1.15 -0.83	44.51 1.19 -0.92	50.74 0.92 -1.28	56.06 0.97 -1.40	64.87 1.91 -1.56	64.02 2.17 -1.44	52.25 2.03 -0.80	44.57 1.70 -0.45	39.48 1.10 -0.31	36.73 1.13 -0.33	32.01 0.50 0.00
ORANGEVILLE_WT_PWR 323706	34.53 0.81 0.00	29.68 0.18 0.00	27.64 -0.03 0.00	27.03 -0.38 0.00	26.78 -0.52 0.00	26.89 -0.44 0.00	27.25 0.03 0.00	27.61 0.19 0.00	31.02 0.16 0.00	33.44 0.07 0.00	35.87 0.70 0.00	37.94 0.71 0.00	41.48 0.73 0.00	41.90 0.90 0.00	43.34 0.93 0.00	48.79 0.24 0.00	53.65 -0.05 0.00	62.33 0.92 0.00	61.49 1.09 0.00	50.90 1.48 0.00	43.65 1.23 0.00	38.55 0.49 0.00	35.98 0.71 0.00	31.51 0.00 0.00
ORANGEVILLE___ESR 323794	34.53 0.81 0.00	29.68 0.18 0.00	27.64 -0.03 0.00	27.03 -0.38 0.00	26.78 -0.52 0.00	26.89 -0.44 0.00	27.25 0.03 0.00	27.61 0.19 0.00	31.02 0.16 0.00	33.44 0.07 0.00	35.87 0.70 0.00	37.94 0.71 0.00	41.48 0.73 0.00	41.90 0.90 0.00	43.34 0.93 0.00	48.79 0.24 0.00	53.65 -0.05 0.00	62.33 0.92 0.00	61.49 1.09 0.00	50.90 1.48 0.00	43.65 1.23 0.00	38.55 0.49 0.00	35.98 0.71 0.00	31.51 0.00 0.00
OSWEGATCHIE___HYD 24044	33.92 -0.07 -0.27	29.36 -0.15 -0.01	27.50 -0.17 0.00	27.22 -0.19 0.00	27.19 -0.11 0.00	27.22 -0.11 0.00	27.12 -0.11 0.00	27.31 -0.11 0.00	30.77 -0.18 -0.09	33.45 -0.17 -0.25	35.17 -0.46 -0.46	37.30 -0.52 -0.59	40.95 -0.61 -0.81	41.29 -0.53 -0.83	42.73 -0.59 -0.92	49.19 -0.63 -1.28	54.40 -0.70 -1.39	62.47 -0.49 -1.56	61.61 -0.24 -1.44	50.23 0.00 -0.80	43.04 0.17 -0.45	38.41 0.04 -0.31	35.49 -0.11 -0.33	31.45 -0.06 0.00
OSWEGO___5 23606	36.61 -0.50 -3.40	29.09 -0.50 -0.09	27.17 -0.50 0.00	26.86 -0.55 0.00	26.73 -0.57 0.00	26.75 -0.58 0.00	26.74 -0.49 0.00	26.95 -0.47 0.00	31.48 -0.55 -1.17	35.97 -0.57 -3.17	40.52 -0.46 -5.81	44.29 -0.45 -7.50	50.46 -0.53 -10.24	50.98 -0.49 -10.47	53.43 -0.55 -11.57	63.87 -0.78 -16.11	70.46 -0.86 -17.62	80.26 -0.80 -19.65	77.88 -0.72 -18.20	59.01 -0.54 -10.13	47.70 -0.42 -5.71	41.50 -0.50 -3.94	39.02 -0.42 -4.17	31.00 -0.51 0.00
OSWEGO___6 23613	36.61 -0.50 -3.40	29.09 -0.50 -0.09	27.17 -0.50 0.00	26.86 -0.55 0.00	26.73 -0.57 0.00	26.75 -0.58 0.00	26.74 -0.49 0.00	26.95 -0.47 0.00	31.48 -0.55 -1.17	35.97 -0.57 -3.17	40.52 -0.46 -5.81	44.29 -0.45 -7.50	50.46 -0.53 -10.24	50.98 -0.49 -10.47	53.43 -0.55 -11.57	63.87 -0.78 -16.11	70.46 -0.86 -17.62	80.26 -0.80 -19.65	77.88 -0.72 -18.20	59.01 -0.54 -10.13	47.70 -0.42 -5.71	41.50 -0.50 -3.94	39.02 -0.42 -4.17	31.00 -0.51 0.00

OUTOKUMPU-AB___DRP 24206	34.23 0.51 0.00	29.29 -0.21 0.00	27.23 -0.44 0.00	26.59 -0.82 0.00	26.37 -0.93 0.00	26.45 -0.87 0.00	26.38 -0.84 0.00	26.95 -0.47 0.00	30.56 -0.31 0.00	32.94 -0.43 0.00	35.38 0.21 0.00	37.46 0.22 0.00	41.27 0.53 0.00	41.61 0.61 0.00	43.05 0.64 0.00	48.35 -0.19 0.00	53.43 -0.27 0.00	61.66 0.25 0.00	61.01 0.60 0.00	50.21 0.79 0.00	43.31 0.89 0.00	38.02 -0.04 0.00	35.38 0.11 0.00	31.16 -0.35 0.00
OXBOW___BTM 323836	33.72 0.00 0.00	28.91 -0.59 0.00	26.90 -0.77 0.00	26.26 -1.15 0.00	26.13 -1.17 0.00	26.23 -1.09 0.00	26.57 -0.65 0.00	26.87 -0.55 0.00	30.12 -0.74 0.00	32.47 -0.90 0.00	34.99 -0.17 0.00	36.93 -0.30 0.00	40.34 -0.41 0.00	40.88 -0.12 0.00	42.28 -0.13 0.00	47.43 -1.11 0.00	51.93 -1.77 0.00	60.49 -0.92 0.00	59.68 -0.72 0.00	49.42 0.00 0.00	42.42 0.00 0.00	37.41 -0.65 0.00	35.09 -0.18 0.00	30.72 -0.79 0.00
OXBOW___ 24026	33.72 0.00 0.00	28.88 -0.62 0.00	26.84 -0.83 0.00	26.29 -1.12 0.00	26.07 -1.23 0.00	26.15 -1.18 0.00	26.03 -1.20 0.00	26.57 -0.85 0.00	30.12 -0.74 0.00	32.47 -0.90 0.00	34.88 -0.28 0.00	36.90 -0.34 0.00	40.62 -0.12 0.00	40.96 -0.04 0.00	42.37 -0.04 0.00	47.57 -0.97 0.00	52.57 -1.13 0.00	60.67 -0.74 0.00	60.04 -0.36 0.00	49.42 0.00 0.00	42.63 0.21 0.00	37.45 -0.61 0.00	34.85 -0.42 0.00	30.72 -0.79 0.00
OXY_CHEM_DSASP 323612	33.15 -0.57 0.00	28.41 -1.09 0.00	26.40 -1.27 0.00	25.96 -1.45 0.00	25.72 -1.58 0.00	25.80 -1.53 0.00	25.62 -1.61 0.00	26.13 -1.29 0.00	29.63 -1.23 0.00	31.90 -1.47 0.00	34.25 -0.91 0.00	36.19 -1.04 0.00	39.89 -0.86 0.00	40.14 -0.86 0.00	41.52 -0.89 0.00	46.60 -1.94 0.00	51.55 -2.15 0.00	59.44 -1.97 0.00	58.84 -1.57 0.00	48.43 -0.99 0.00	41.78 -0.64 0.00	36.73 -1.33 0.00	34.21 -1.06 0.00	30.19 -1.32 0.00
OZONE_PARK_ESR 323760	36.75 3.03 0.00	32.18 2.68 0.00	30.05 2.38 0.00	29.49 2.08 0.00	29.32 2.02 0.00	29.35 2.02 0.00	29.24 2.01 0.00	29.94 2.52 0.00	33.77 2.90 0.00	36.73 3.27 -0.09	39.77 4.01 -0.60	43.02 4.36 -1.43	46.48 4.73 -1.01	46.73 4.71 -1.02	48.52 4.96 -1.15	56.27 6.02 -1.71	62.42 6.61 -2.11	71.19 7.12 -2.66	69.58 6.64 -2.53	55.76 5.19 -1.15	47.38 4.37 -0.59	43.01 4.30 -0.65	39.33 3.99 -0.08	34.76 3.15 -0.10
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	33.15 -0.57 0.00	28.41 -1.09 0.00	26.40 -1.27 0.00	25.96 -1.45 0.00	25.72 -1.58 0.00	25.80 -1.53 0.00	25.62 -1.61 0.00	26.13 -1.29 0.00	29.63 -1.23 0.00	31.90 -1.47 0.00	34.25 -0.91 0.00	36.19 -1.04 0.00	39.89 -0.86 0.00	40.14 -0.86 0.00	41.52 -0.89 0.00	46.60 -1.94 0.00	51.55 -2.15 0.00	59.44 -1.97 0.00	58.84 -1.57 0.00	48.43 -0.99 0.00	41.78 -0.64 0.00	36.73 -1.33 0.00	34.21 -1.06 0.00	30.19 -1.32 0.00
PACKARD___115KV_DUPONT_184 80571	33.15 -0.57 0.00	28.41 -1.09 0.00	26.40 -1.27 0.00	25.96 -1.45 0.00	25.72 -1.58 0.00	25.80 -1.53 0.00	25.62 -1.61 0.00	26.13 -1.29 0.00	29.63 -1.23 0.00	31.90 -1.47 0.00	34.25 -0.91 0.00	36.19 -1.04 0.00	39.89 -0.86 0.00	40.14 -0.86 0.00	41.52 -0.89 0.00	46.60 -1.94 0.00	51.55 -2.15 0.00	59.44 -1.97 0.00	58.84 -1.57 0.00	48.43 -0.99 0.00	41.78 -0.64 0.00	36.73 -1.33 0.00	34.21 -1.06 0.00	30.19 -1.32 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.49 2.77 -0.01	32.04 2.54 -0.01	29.95 2.27 -0.01	29.42 2.00 -0.01	29.25 1.94 -0.01	29.27 1.94 -0.01	29.17 1.93 -0.01	29.84 2.41 -0.01	33.58 2.72 0.00	36.37 2.90 -0.10	39.32 3.55 -0.60	42.52 3.83 -1.45	46.08 4.32 -1.02	46.41 4.39 -1.02	48.14 4.58 -1.15	55.75 5.49 -1.72	61.57 5.75 -2.12	70.28 6.20 -2.66	68.75 5.80 -2.54	55.22 4.65 -1.15	46.99 3.99 -0.59	42.56 3.84 -0.66	38.92 3.56 -0.09	34.48 2.87 -0.10
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	36.80 3.07 -0.01	32.31 2.80 -0.01	30.22 2.55 -0.01	29.69 2.28 -0.01	29.52 2.21 -0.01	29.55 2.21 -0.01	29.41 2.18 -0.01	30.12 2.69 -0.01	33.86 2.99 0.00	36.67 3.20 -0.10	39.64 3.87 -0.60	42.89 4.21 -1.45	46.49 4.73 -1.02	46.86 4.84 -1.02	48.60 5.05 -1.15	56.38 6.12 -1.72	62.27 6.44 -2.12	71.07 7.00 -2.66	69.59 6.64 -2.54	55.92 5.34 -1.15	47.55 4.54 -0.59	43.05 4.34 -0.66	39.41 4.06 -0.09	34.89 3.28 -0.10
PATROON___115KV_TB1 80586	34.53 0.81 0.00	30.41 0.91 0.00	28.58 0.91 0.00	28.23 0.82 0.00	28.06 0.76 0.00	28.06 0.74 0.00	27.85 0.63 0.00	28.16 0.74 0.00	31.73 0.86 0.00	34.16 0.87 0.08	35.76 1.13 0.53	37.73 1.15 0.66	41.11 1.26 0.90	41.24 1.15 0.90	42.53 1.15 1.02	48.47 1.46 1.52	53.37 1.56 1.88	60.82 1.78 2.37	59.90 1.75 2.26	49.88 1.48 1.02	43.03 1.15 0.53	38.66 1.18 0.58	36.29 1.09 0.07	32.21 0.79 0.09
PATTRSNVILLE___SOLAR 323815	35.20 1.48 0.00	30.80 1.30 0.00	28.86 1.19 0.00	28.59 1.18 0.00	28.39 1.09 0.00	28.42 1.09 0.00	28.34 1.12 0.00	28.52 1.10 0.00	32.16 1.30 0.00	34.71 1.40 0.06	36.38 1.65 0.44	38.56 1.86 0.54	42.08 2.08 0.74	42.18 1.93 0.74	43.48 1.91 0.84	49.62 2.33 1.25	54.78 2.63 1.55	62.54 3.07 1.94	61.75 3.20 1.85	51.25 2.67 0.84	44.23 2.25 0.43	39.60 2.02 0.47	37.01 1.80 0.06	32.86 1.42 0.07
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	34.77 1.05 0.00	29.82 0.32 0.00	27.70 0.03 0.00	26.97 -0.44 0.00	26.73 -0.57 0.00	26.86 -0.46 0.00	26.87 -0.35 0.00	27.50 0.08 0.00	31.14 0.28 0.00	33.60 0.23 0.00	36.04 0.88 0.00	38.27 1.04 0.00	42.17 1.43 0.00	42.60 1.60 0.00	44.06 1.65 0.00	49.61 1.07 0.00	54.88 1.18 0.00	63.25 1.84 0.00	62.58 2.17 0.00	51.50 2.08 0.00	44.32 1.91 0.00	38.86 0.80 0.00	36.05 0.78 0.00	31.76 0.25 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	36.25 2.53 0.00	31.71 2.21 0.00	29.66 1.99 0.00	29.19 1.78 0.00	29.02 1.72 0.00	29.08 1.75 0.00	28.91 1.69 0.00	29.59 2.17 0.00	33.46 2.59 0.00	36.32 2.87 -0.08	39.31 3.62 -0.52	41.78 3.91 -0.64	46.02 4.40 -0.88	46.43 4.55 -0.88	48.41 5.00 -1.00	55.90 5.87 -1.49	62.09 6.55 -1.84	70.84 7.12 -2.31	69.56 6.95 -2.21	55.56 5.14 -1.00	46.87 3.94 -0.51	42.43 3.81 -0.56	38.72 3.39 -0.07	34.21 2.62 -0.08
PEEKSKILL___ 23653	35.88 2.16 0.00	31.39 1.89 0.00	29.36 1.69 0.00	29.03 1.62 0.00	28.80 1.50 0.00	28.86 1.53 0.00	28.89 1.66 0.00	29.29 1.87 0.00	33.06 2.19 0.00	35.89 2.43 -0.09	38.77 3.02 -0.58	41.23 3.28 -0.72	45.36 3.63 -0.99	45.60 3.61 -0.99	47.39 3.86 -1.12	54.88 4.66 -1.67	61.03 5.27 -2.07	69.65 5.65 -2.60	68.20 5.32 -2.48	54.50 3.96 -1.12	46.22 3.22 -0.58	41.85 3.16 -0.63	38.24 2.89 -0.08	33.90 2.30 -0.09
PGE MADISON___WINDPWR 24146	37.95 3.91 -0.32	32.52 3.01 -0.01	30.30 2.63 0.00	29.90 2.49 0.00	29.67 2.37 0.00	29.70 2.38 0.00	29.84 2.61 0.00	30.30 2.88 0.00	34.15 3.18 -0.11	37.20 3.54 -0.29	39.43 3.73 -0.54	42.02 4.10 -0.70	46.38 4.68 -0.95	46.60 4.63 -0.97	48.15 4.67 -1.07	55.38 5.34 -1.50	61.30 5.96 -1.64	70.91 7.68 -1.83	70.07 7.97 -1.69	57.14 6.77 -0.94	48.71 5.77 -0.53	43.26 4.83 -0.37	39.85 4.20 -0.39	34.72 3.22 0.00

PIERCEFIELD___HYD 23852	32.91 -0.94 -0.14	28.68 -0.83 0.00	26.92 -0.75 0.00	26.86 -0.55 0.00	26.84 -0.46 0.00	26.92 -0.41 0.00	26.95 -0.27 0.00	26.76 -0.66 0.00	30.08 -0.83 -0.05	32.60 -0.90 -0.13	33.99 -1.41 -0.23	35.97 -1.56 -0.30	39.44 -1.71 -0.41	39.86 -1.56 -0.42	41.18 -1.70 -0.46	47.29 -1.89 -0.64	52.31 -2.09 -0.70	59.92 -2.27 -0.78	58.96 -2.17 -0.73	48.10 -1.73 -0.40	41.37 -1.27 -0.23	36.92 -1.29 -0.16	34.20 -1.23 -0.17	30.63 -0.88 0.00
PINELAWN_CC_1 323563	47.04 3.21 -10.11	45.94 2.74 -13.70	42.49 2.46 -12.36	39.00 2.36 -9.23	33.23 2.26 -3.66	34.36 2.30 -4.73	33.57 2.45 -3.89	32.56 2.63 -2.50	41.00 3.03 -7.11	46.53 3.37 -9.80	42.38 4.04 -3.17	66.19 4.35 -24.60	74.65 4.72 -29.18	69.47 4.71 -23.76	83.39 5.04 -35.94	76.56 6.07 -21.95	88.83 6.82 -28.31	85.40 7.37 -16.63	82.89 7.12 -15.36	68.35 5.19 -13.74	51.25 4.45 -4.38	48.31 4.34 -5.91	42.01 3.98 -2.75	41.44 3.25 -6.69
PJM_GEN_HTTP_PROXY 323702	36.25 2.53 0.00	31.71 2.21 0.00	29.63 1.96 0.00	29.28 1.86 0.00	29.02 1.72 0.00	29.08 1.75 0.00	29.16 1.93 0.00	29.59 2.17 0.00	33.40 2.53 0.00	37.03 2.87 -0.78	38.58 3.52 0.10	42.44 3.80 -1.41	45.91 4.16 -1.01	46.15 4.14 -1.02	47.93 4.37 -1.15	55.59 5.34 -1.71	61.72 5.91 -2.11	70.39 6.33 -2.66	68.86 5.92 -2.53	54.97 4.40 -1.15	47.66 3.69 -1.56	41.36 3.62 0.32	38.70 3.35 -0.08	34.32 2.71 -0.10
PJM_GEN_KEystone 24065	34.80 1.08 0.00	30.26 0.77 0.00	28.25 0.58 0.00	27.79 0.38 0.00	27.54 0.25 0.00	27.66 0.33 0.00	27.85 0.63 0.00	28.22 0.80 0.00	31.79 0.93 0.00	35.08 0.97 -0.74	36.33 1.55 0.38	39.38 1.71 -0.43	43.15 1.88 -0.53	43.50 1.97 -0.53	45.13 2.12 -0.60	51.67 2.23 -0.90	57.23 2.42 -1.11	65.69 2.89 -1.39	64.51 2.78 -1.33	52.30 2.27 -0.60	45.66 1.91 -1.33	38.86 1.48 0.68	36.79 1.48 -0.04	32.47 0.91 -0.05
PJM_GEN_NEPTUNE_PROXY 323594	41.81 2.66 -5.43	39.18 2.33 -7.36	36.41 2.10 -6.63	34.37 2.00 -4.96	31.15 1.88 -1.97	31.78 1.91 -2.54	31.38 2.07 -2.09	31.04 2.27 -1.34	37.34 2.65 -3.82	42.30 2.94 -6.00	39.91 3.55 -1.19	54.64 3.84 -13.57	61.08 4.20 -16.14	52.04 4.18 -6.85	61.09 4.45 -14.22	59.37 5.34 -5.49	68.80 5.96 -9.13	71.25 6.39 -3.45	69.04 6.10 -2.53	55.84 4.45 -1.97	47.75 3.77 -1.56	42.93 3.73 -1.14	40.16 3.42 -1.47	37.92 2.77 -3.63
PJM_GEN_VFT_PROXY 323633	36.18 2.46 0.00	31.62 2.13 0.00	29.55 1.88 0.00	29.17 1.76 0.00	28.94 1.64 0.00	28.97 1.64 0.00	29.08 1.85 0.00	29.50 2.08 0.00	33.33 2.47 0.00	36.92 2.77 -0.78	38.51 3.45 0.10	42.38 3.72 -1.43	45.79 4.03 -1.01	46.03 4.02 -1.02	47.72 4.16 -1.15	55.35 5.10 -1.71	61.45 5.64 -2.11	70.09 6.02 -2.66	68.49 5.55 -2.53	54.67 4.10 -1.15	47.49 3.52 -1.56	41.24 3.50 0.32	38.63 3.28 -0.08	34.25 2.65 -0.10
PLATSBURG_115KV_PMLD1 355749	33.85 0.13 0.00	29.65 0.15 0.00	27.86 0.19 0.00	27.74 0.33 0.00	27.65 0.35 0.00	27.74 0.41 0.00	27.77 0.54 0.00	27.61 0.19 0.00	31.02 0.15 0.00	33.50 0.13 0.00	34.92 -0.25 0.00	36.86 -0.37 0.00	40.30 -0.45 0.00	40.79 -0.20 0.00	42.16 -0.25 0.00	48.30 -0.24 0.00	53.43 -0.27 0.00	61.10 -0.31 0.00	60.10 -0.30 0.00	49.08 -0.35 0.00	42.33 -0.08 0.00	37.72 -0.34 0.00	34.88 -0.39 0.00	31.38 -0.13 0.00
PLEASANTVLY___LBMP 24000	35.51 1.79 0.00	31.15 1.65 0.00	29.19 1.52 0.00	28.75 1.34 0.00	28.61 1.31 0.00	28.61 1.28 0.00	28.45 1.23 0.00	29.01 1.59 0.00	32.65 1.79 0.00	35.44 1.97 -0.10	38.34 2.50 -0.68	40.79 2.72 -0.84	44.83 2.93 -1.15	45.06 2.91 -1.16	46.85 3.14 -1.31	54.27 3.79 -1.95	60.30 4.19 -2.41	68.92 4.48 -3.02	67.46 4.17 -2.88	53.94 3.21 -1.31	45.68 2.59 -0.67	41.42 2.63 -0.74	37.83 2.47 -0.09	33.51 1.89 -0.11
PLSNTVLE_13_KV_13.8KVDIST 80602	35.98 2.26 0.00	31.53 2.04 0.00	29.50 1.83 0.00	29.03 1.62 0.00	28.88 1.58 0.00	28.88 1.56 0.00	28.75 1.52 0.00	29.39 1.97 0.00	33.12 2.25 0.00	35.96 2.50 -0.09	38.90 3.13 -0.60	41.40 3.43 -0.74	45.47 3.71 -1.02	45.75 3.73 -1.03	47.60 4.03 -1.16	55.12 4.85 -1.73	61.21 5.37 -2.14	69.87 5.77 -2.68	68.34 5.38 -2.56	54.73 4.15 -1.16	46.32 3.31 -0.60	42.03 3.31 -0.65	38.38 3.03 -0.08	33.97 2.36 -0.10
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.98 2.26 0.00	31.53 2.04 0.00	29.50 1.83 0.00	29.03 1.62 0.00	28.88 1.58 0.00	28.88 1.56 0.00	28.75 1.52 0.00	29.39 1.97 0.00	33.12 2.25 0.00	35.96 2.50 -0.09	38.90 3.13 -0.60	41.40 3.43 -0.74	45.47 3.71 -1.02	45.75 3.73 -1.03	47.60 4.03 -1.16	55.12 4.85 -1.73	61.21 5.37 -2.14	69.87 5.77 -2.68	68.34 5.38 -2.56	54.73 4.15 -1.16	46.32 3.31 -0.60	42.03 3.31 -0.65	38.38 3.03 -0.08	33.97 2.36 -0.10
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.88 2.16 0.00	31.42 1.92 0.00	29.41 1.74 0.00	28.95 1.53 0.00	28.80 1.50 0.00	28.80 1.48 0.00	28.67 1.44 0.00	29.18 1.75 0.00	32.90 2.04 0.00	35.61 2.24 0.00	38.01 2.85 0.00	40.29 3.05 0.00	44.13 3.38 0.00	44.36 3.36 0.00	46.02 3.60 0.00	52.86 4.32 0.00	58.53 4.83 0.00	66.63 5.22 0.00	65.42 5.01 0.00	53.28 3.86 0.00	45.55 3.14 0.00	41.14 3.08 0.00	38.06 2.79 0.00	33.65 2.14 0.00
POLETTI_____ 23519	36.28 2.56 0.00	31.80 2.30 0.00	29.72 2.05 0.00	29.19 1.78 0.00	29.02 1.72 0.00	29.05 1.72 0.00	28.94 1.72 0.00	29.64 2.22 0.00	33.39 2.53 0.00	36.29 2.84 -0.09	39.28 3.52 -0.60	42.50 3.83 -1.43	45.87 4.12 -1.01	46.11 4.10 -1.02	47.88 4.33 -1.15	55.49 5.24 -1.71	61.51 5.69 -2.11	70.21 6.14 -2.66	68.62 5.68 -2.53	54.97 4.40 -1.15	46.70 3.69 -0.59	42.40 3.69 -0.65	38.80 3.46 -0.08	34.32 2.71 -0.10
POMONA___ESR 323819	35.81 2.09 0.00	31.36 1.86 0.00	29.33 1.66 0.00	29.00 1.59 0.00	28.77 1.47 0.00	28.83 1.50 0.00	28.86 1.63 0.00	29.23 1.81 0.00	33.02 2.16 0.00	35.82 2.37 -0.08	38.66 2.95 -0.54	41.07 3.16 -0.67	45.13 3.46 -0.92	45.37 3.44 -0.93	47.15 3.69 -1.05	54.57 4.46 -1.56	60.63 4.99 -1.93	69.17 5.34 -2.42	67.73 5.01 -2.31	54.18 3.71 -1.05	46.05 3.09 -0.54	41.73 3.08 -0.59	38.16 2.82 -0.07	33.83 2.24 -0.09
PORT_JEFF_3 23555	47.14 3.31 -10.11	46.03 2.83 -13.70	42.54 2.52 -12.36	39.05 2.41 -9.23	33.31 2.35 -3.66	34.44 2.38 -4.73	33.68 2.56 -3.89	32.61 2.69 -2.50	41.06 3.09 -7.11	46.70 3.54 -9.80	44.82 4.04 -5.61	66.04 4.21 -24.60	74.54 4.60 -29.19	238.84 4.59 -193.25	232.32 4.88 -185.03	265.02 5.82 -210.66	275.85 6.50 -215.66	263.44 7.00 -195.03	265.77 6.76 -198.60	226.16 4.94 -171.80	105.18 4.20 -58.57	84.54 4.11 -42.37	43.12 3.98 -3.86	41.54 3.34 -6.70
PORT_JEFF_4 23616	47.14 3.31 -10.11	46.03 2.83 -13.70	42.54 2.52 -12.36	39.05 2.41 -9.23	33.31 2.35 -3.66	34.44 2.38 -4.73	33.68 2.56 -3.89	32.61 2.69 -2.50	41.06 3.09 -7.11	46.70 3.54 -9.80	44.82 4.04 -5.61	66.04 4.21 -24.60	74.54 4.60 -29.19	238.84 4.59 -193.25	232.32 4.88 -185.03	265.02 5.82 -210.66	275.85 6.50 -215.66	263.44 7.00 -195.03	265.77 6.76 -198.60	226.16 4.94 -171.80	105.18 4.20 -58.57	84.54 4.11 -42.37	43.12 3.98 -3.86	41.54 3.34 -6.70

PORT_JEFF_IC 23713	47.20 3.37 -10.11	46.15 2.95 -13.70	42.63 2.60 -12.36	39.00 2.36 -9.23	33.34 2.38 -3.66	34.44 2.38 -4.73	33.46 2.34 -3.89	32.69 2.77 -2.50	41.12 3.15 -7.11	46.74 3.57 -9.80	45.36 4.18 -6.01	66.08 4.24 -24.60	74.54 4.60 -29.19	266.62 4.63 -220.99	256.76 4.92 -209.43	295.91 5.83 -241.54	306.46 6.44 -246.31	292.64 7.00 -224.23	295.63 6.64 -228.58	252.28 5.19 -197.66	114.05 4.20 -67.43	90.55 4.15 -48.34	43.45 4.13 -4.05	41.61 3.40 -6.70
PPL PILGRIM_ST_GT1 24216	47.24 3.40 -10.11	46.15 2.95 -13.70	42.66 2.63 -12.36	39.16 2.52 -9.23	33.37 2.40 -3.66	34.52 2.46 -4.73	33.76 2.64 -3.89	32.72 2.80 -2.50	41.15 3.18 -7.11	46.77 3.61 -9.80	42.92 4.22 -3.54	66.48 4.62 -24.63	74.65 4.72 -29.18	94.80 4.59 -49.21	105.61 4.88 -58.33	104.70 5.87 -50.29	116.74 6.60 -56.44	111.95 7.12 -43.42	110.11 6.82 -42.88	91.84 4.94 -37.47	59.31 4.37 -12.52	53.86 4.41 -11.38	42.28 4.09 -2.92	41.63 3.44 -6.69
PPL PILGRIM_ST_GT2 24217	47.24 3.40 -10.11	46.15 2.95 -13.70	42.66 2.63 -12.36	39.16 2.52 -9.23	33.37 2.40 -3.66	34.52 2.46 -4.73	33.76 2.64 -3.89	32.72 2.80 -2.50	41.15 3.18 -7.11	46.77 3.61 -9.80	42.92 4.22 -3.54	66.48 4.62 -24.63	74.65 4.72 -29.18	94.80 4.59 -49.21	105.61 4.88 -58.33	104.70 5.87 -50.29	116.74 6.60 -56.44	111.95 7.12 -43.42	110.11 6.82 -42.88	91.84 4.94 -37.47	59.31 4.37 -12.52	53.86 4.41 -11.38	42.28 4.09 -2.92	41.63 3.44 -6.69
PPL_SHRM_GT3 24213	47.14 3.31 -10.11	45.97 2.77 -13.70	42.46 2.44 -12.36	39.00 2.36 -9.23	33.31 2.35 -3.66	34.44 2.38 -4.73	33.65 2.53 -3.89	32.50 2.58 -2.50	40.97 2.99 -7.11	46.67 3.50 -9.80	45.09 4.25 -5.67	66.45 4.62 -24.60	75.03 5.09 -29.19	243.19 5.08 -197.11	236.13 5.30 -188.42	269.85 6.36 -214.95	280.82 7.20 -219.92	268.36 7.86 -199.09	270.78 7.61 -202.77	230.35 5.53 -175.39	106.97 4.75 -59.80	85.87 4.60 -43.20	43.25 4.09 -3.89	41.58 3.37 -6.70
PPL_SHRM_GT4 24214	47.14 3.31 -10.11	45.97 2.77 -13.70	42.46 2.44 -12.36	39.00 2.36 -9.23	33.31 2.35 -3.66	34.44 2.38 -4.73	33.65 2.53 -3.89	32.50 2.58 -2.50	40.97 2.99 -7.11	46.67 3.50 -9.80	45.09 4.25 -5.67	66.45 4.62 -24.60	75.03 5.09 -29.19	243.19 5.08 -197.11	236.13 5.30 -188.42	269.85 6.36 -214.95	280.82 7.20 -219.92	268.36 7.86 -199.09	270.78 7.61 -202.77	230.35 5.53 -175.39	106.97 4.75 -59.80	85.87 4.60 -43.20	43.25 4.09 -3.89	41.58 3.37 -6.70
PROJECT___ORANGE 1 24174	34.20 0.03 -0.44	29.39 -0.12 -0.01	27.53 -0.14 0.00	27.14 -0.27 0.00	27.00 -0.30 0.00	27.03 -0.30 0.00	26.93 -0.30 0.00	27.31 -0.11 0.00	30.96 -0.06 -0.15	33.78 0.00 -0.41	36.10 0.18 -0.76	38.47 0.26 -0.98	42.36 0.29 -1.33	42.65 0.29 -1.36	44.17 0.25 -1.50	50.73 0.10 -2.10	56.15 0.16 -2.29	64.33 0.37 -2.56	63.20 0.42 -2.37	51.14 0.40 -1.32	43.50 0.34 -0.74	38.72 0.15 -0.51	35.99 0.18 -0.54	31.48 -0.03 0.00
PROJECT___ORANGE 2 24166	34.20 0.03 -0.44	29.39 -0.12 -0.01	27.53 -0.14 0.00	27.14 -0.27 0.00	27.00 -0.30 0.00	27.03 -0.30 0.00	26.93 -0.30 0.00	27.31 -0.11 0.00	30.96 -0.06 -0.15	33.78 0.00 -0.41	36.10 0.18 -0.76	38.47 0.26 -0.98	42.36 0.29 -1.33	42.65 0.29 -1.36	44.17 0.25 -1.50	50.73 0.10 -2.10	56.15 0.16 -2.29	64.33 0.37 -2.56	63.20 0.42 -2.37	51.14 0.40 -1.32	43.50 0.34 -0.74	38.72 0.15 -0.51	35.99 0.18 -0.54	31.48 -0.03 0.00
PUCKETT___SOLAR 323809	35.49 1.48 -0.29	30.57 1.06 -0.01	28.58 0.91 0.00	28.21 0.80 0.00	27.98 0.68 0.00	28.06 0.74 0.00	28.15 0.93 0.00	28.44 1.02 0.00	32.07 1.11 -0.10	34.81 1.17 -0.27	37.10 1.44 -0.50	39.47 1.60 -0.64	43.41 1.79 -0.87	43.69 1.80 -0.89	45.26 1.86 -0.99	51.96 2.04 -1.37	57.46 2.26 -1.50	66.16 3.07 -1.68	65.16 3.20 -1.55	53.15 2.87 -0.86	45.36 2.46 -0.49	40.34 1.94 -0.34	37.39 1.76 -0.36	32.71 1.20 0.00
PYRITES___HYD 24023	33.37 -0.47 -0.12	29.09 -0.41 0.00	27.28 -0.39 0.00	27.22 -0.19 0.00	27.19 -0.11 0.00	27.27 -0.05 0.00	27.31 0.08 0.00	27.09 -0.33 0.00	30.44 -0.46 -0.04	32.99 -0.50 -0.12	34.29 -1.09 -0.21	36.28 -1.23 -0.28	39.78 -1.34 -0.38	40.19 -1.19 -0.38	41.56 -1.27 -0.42	47.77 -1.36 -0.59	52.79 -1.56 -0.65	60.60 -1.54 -0.72	59.68 -1.39 -0.67	48.76 -1.04 -0.37	42.03 -0.59 -0.21	37.48 -0.72 -0.14	34.65 -0.78 -0.15	31.07 -0.44 0.00
QUAKERRD_115KV_BK1 80622	33.28 -0.44 0.00	28.76 -0.74 0.00	26.84 -0.83 0.00	26.34 -1.07 0.00	26.21 -1.09 0.00	26.21 -1.12 0.00	26.14 -1.09 0.00	26.63 -0.80 0.00	30.12 -0.74 0.00	32.60 -0.77 0.00	34.74 -0.42 0.00	36.82 -0.41 0.00	40.46 -0.29 0.00	40.71 -0.30 0.00	42.11 -0.87 0.00	47.67 -0.91 0.00	52.79 -0.91 0.00	60.80 -0.61 0.00	60.04 -0.36 0.00	49.18 -0.25 0.00	42.29 -0.13 0.00	37.53 -0.53 0.00	34.78 -0.49 0.00	30.75 -0.76 0.00
QUENSBRY_115KV_TB8 356137	35.81 2.09 0.00	31.42 1.92 0.00	29.39 1.72 0.00	28.97 1.56 0.00	28.77 1.47 0.00	28.78 1.45 0.00	28.62 1.39 0.00	28.98 1.56 0.00	32.81 1.94 0.00	35.46 2.17 0.08	36.85 2.25 0.57	39.03 2.49 0.70	42.39 2.61 0.96	42.25 2.21 0.96	43.31 1.99 1.09	49.49 2.57 1.62	55.02 3.33 2.01	63.00 4.11 2.52	62.77 4.77 2.41	52.44 4.10 1.09	45.21 3.35 0.56	40.34 2.89 0.62	37.70 2.50 0.07	33.37 1.95 0.09
RAMAPO___LBMP 323565	35.64 1.92 0.00	31.30 1.80 0.00	29.27 1.60 0.00	28.78 1.37 0.00	28.64 1.34 0.00	28.67 1.34 0.00	28.53 1.31 0.00	29.15 1.73 0.00	32.84 1.98 0.00	35.62 2.17 -0.08	38.45 2.74 -0.54	40.84 2.94 -0.67	44.88 3.22 -0.91	45.11 3.20 -0.92	46.88 3.44 -1.04	54.26 4.17 -1.55	60.23 4.62 -1.91	68.72 4.91 -2.40	67.29 4.59 -2.29	53.97 3.51 -1.04	45.83 2.88 -0.53	41.54 2.89 -0.59	38.02 2.68 -0.07	33.68 2.08 -0.09
RANKINE____ 23646	34.60 0.88 0.00	29.65 0.15 0.00	27.53 -0.14 0.00	26.83 -0.58 0.00	26.59 -0.71 0.00	26.70 -0.63 0.00	26.71 -0.52 0.00	27.31 -0.11 0.00	30.93 0.06 0.00	33.37 0.00 0.00	35.80 0.63 0.00	37.94 0.71 0.00	41.80 1.06 0.00	42.19 1.19 0.00	43.64 1.23 0.00	49.03 0.49 0.00	54.24 0.54 0.00	62.58 1.17 0.00	61.86 1.45 0.00	50.96 1.53 0.00	43.90 1.48 0.00	38.52 0.46 0.00	35.80 0.53 0.00	31.54 0.03 0.00
RAVENSWOOD_GT2_1 24244	36.32 2.60 0.00	31.83 2.33 0.00	29.74 2.08 0.00	29.22 1.81 0.00	29.05 1.75 0.00	29.08 1.75 0.00	28.97 1.74 0.00	29.64 2.22 0.00	33.43 2.56 0.00	36.33 2.87 -0.09	39.31 3.55 -0.60	42.52 3.83 -1.45	45.91 4.16 -1.01	46.20 4.18 -1.02	47.93 4.37 -1.15	55.54 5.29 -1.71	61.56 5.75 -2.11	70.21 6.14 -2.66	68.68 5.74 -2.53	55.02 4.45 -1.15	46.74 3.73 -0.59	42.48 3.77 -0.65	38.84 3.49 -0.08	34.35 2.74 -0.10
RAVENSWOOD_GT2_2 24245	36.32 2.60 0.00	31.83 2.33 0.00	29.74 2.08 0.00	29.22 1.81 0.00	29.05 1.75 0.00	29.08 1.75 0.00	28.97 1.74 0.00	29.64 2.22 0.00	33.43 2.56 0.00	36.33 2.87 -0.09	39.31 3.55 -0.60	42.52 3.83 -1.45	45.91 4.16 -1.01	46.20 4.18 -1.02	47.93 4.37 -1.15	55.54 5.29 -1.71	61.56 5.75 -2.11	70.21 6.14 -2.66	68.68 5.74 -2.53	55.02 4.45 -1.15	46.74 3.73 -0.59	42.48 3.77 -0.65	38.84 3.49 -0.08	34.35 2.74 -0.10

RAVENSWOOD_GT2_3 24246	36.35 2.63 0.00	31.83 2.33 0.00	29.74 2.08 0.00	29.25 1.84 0.00	29.07 1.77 0.00	29.08 1.75 0.00	28.97 1.74 0.00	29.67 2.25 0.00	33.43 2.56 0.00	36.36 2.90 -0.09	39.35 3.59 -0.60	42.56 3.87 -1.45	45.95 4.20 -1.01	46.20 4.18 -1.02	47.97 4.41 -1.15	55.59 5.34 -1.71	61.62 5.80 -2.11	70.27 6.20 -2.66	68.74 5.80 -2.53	55.07 4.50 -1.15	46.78 3.78 -0.59	42.48 3.77 -0.65	38.87 3.53 -0.08	34.38 2.77 -0.10
RAVENSWOOD_GT2_4 24247	36.35 2.63 0.00	31.83 2.33 0.00	29.74 2.08 0.00	29.25 1.84 0.00	29.07 1.77 0.00	29.08 1.75 0.00	28.97 1.74 0.00	29.67 2.25 0.00	33.43 2.56 0.00	36.36 2.90 -0.09	39.35 3.59 -0.60	42.56 3.87 -1.45	45.95 4.20 -1.01	46.20 4.18 -1.02	47.97 4.41 -1.15	55.59 5.34 -1.71	61.62 5.80 -2.11	70.27 6.20 -2.66	68.74 5.80 -2.53	55.07 4.50 -1.15	46.78 3.78 -0.59	42.48 3.77 -0.65	38.87 3.53 -0.08	34.38 2.77 -0.10
RAVENSWOOD_GT3_1 24248	36.32 2.60 0.00	31.83 2.33 0.00	29.74 2.08 0.00	29.22 1.81 0.00	29.05 1.75 0.00	29.08 1.75 0.00	28.97 1.74 0.00	29.67 2.25 0.00	33.43 2.56 0.00	36.33 2.87 -0.09	39.35 3.59 -0.60	42.52 3.83 -1.45	45.95 4.20 -1.01	46.20 4.18 -1.02	47.93 4.37 -1.15	55.54 5.29 -1.71	61.56 5.75 -2.11	70.27 6.20 -2.66	68.68 5.74 -2.53	55.07 4.50 -1.15	46.74 3.73 -0.59	42.48 3.77 -0.65	38.87 3.53 -0.08	34.38 2.77 -0.10
RAVENSWOOD_GT3_2 24249	36.32 2.60 0.00	31.83 2.33 0.00	29.74 2.08 0.00	29.22 1.81 0.00	29.05 1.75 0.00	29.08 1.75 0.00	28.97 1.74 0.00	29.67 2.25 0.00	33.43 2.56 0.00	36.33 2.87 -0.09	39.35 3.59 -0.60	42.52 3.83 -1.45	45.95 4.20 -1.01	46.20 4.18 -1.02	47.93 4.37 -1.15	55.54 5.29 -1.71	61.56 5.75 -2.11	70.27 6.20 -2.66	68.68 5.74 -2.53	55.07 4.50 -1.15	46.74 3.73 -0.59	42.48 3.77 -0.65	38.87 3.53 -0.08	34.38 2.77 -0.10
RAVENSWOOD_GT3_3 24250	36.38 2.66 0.00	31.89 2.39 0.00	29.80 2.13 0.00	29.27 1.86 0.00	29.10 1.80 0.00	29.13 1.80 0.00	29.02 1.80 0.00	29.70 2.28 0.00	33.49 2.62 0.00	36.39 2.94 -0.09	39.42 3.66 -0.60	42.63 3.95 -1.45	46.03 4.28 -1.01	46.28 4.26 -1.02	48.05 4.50 -1.15	55.69 5.44 -1.71	61.67 5.85 -2.11	70.39 6.33 -2.66	68.86 5.92 -2.53	55.17 4.60 -1.15	46.82 3.82 -0.59	42.55 3.84 -0.65	38.95 3.60 -0.08	34.44 2.84 -0.10
RAVENSWOOD_GT3_4 24251	36.38 2.66 0.00	31.89 2.39 0.00	29.80 2.13 0.00	29.27 1.86 0.00	29.10 1.80 0.00	29.13 1.80 0.00	29.02 1.80 0.00	29.70 2.28 0.00	33.49 2.62 0.00	36.39 2.94 -0.09	39.42 3.66 -0.60	42.63 3.95 -1.45	46.03 4.28 -1.01	46.28 4.26 -1.02	48.05 4.50 -1.15	55.69 5.44 -1.71	61.67 5.85 -2.11	70.39 6.33 -2.66	68.86 5.92 -2.53	55.17 4.60 -1.15	46.82 3.82 -0.59	42.55 3.84 -0.65	38.95 3.60 -0.08	34.44 2.84 -0.10
RAVENSWOOD_GT_1 23729	39.40 2.80 -2.88	31.98 2.48 0.00	29.89 2.21 -0.01	29.36 1.95 0.00	29.18 1.88 0.00	29.21 1.89 0.00	29.11 1.88 0.00	29.81 2.39 0.00	33.58 2.72 0.00	39.28 3.04 -2.87	43.97 3.76 -5.05	43.85 4.06 -2.56	46.30 4.40 -1.16	46.42 4.39 -1.04	48.15 4.58 -1.16	55.75 5.49 -1.72	61.57 5.75 -2.12	70.28 6.20 -2.66	68.75 5.80 -2.54	55.17 4.60 -1.15	47.00 3.99 -0.60	47.69 3.96 -5.67	41.23 3.70 -2.25	36.84 2.93 -2.40
RAVENSWOOD_GT_10 24258	36.32 2.60 0.00	31.83 2.33 0.00	29.74 2.08 0.00	29.22 1.81 0.00	29.05 1.75 0.00	29.08 1.75 0.00	28.97 1.74 0.00	29.64 2.22 0.00	33.43 2.56 0.00	36.33 2.87 -0.09	39.09 3.55 -0.37	42.52 3.83 -1.45	45.91 4.16 -1.01	46.19 4.18 -1.01	47.93 4.37 -1.15	55.54 5.29 -1.71	61.56 5.75 -2.11	70.27 6.20 -2.66	68.68 5.74 -2.53	55.02 4.45 -1.15	46.74 3.73 -0.59	42.47 3.77 -0.65	38.84 3.49 -0.08	34.35 2.74 -0.10
RAVENSWOOD_GT_11 24259	36.32 2.60 0.00	31.83 2.33 0.00	29.74 2.08 0.00	29.22 1.81 0.00	29.05 1.75 0.00	29.08 1.75 0.00	28.97 1.74 0.00	29.64 2.22 0.00	33.43 2.56 0.00	36.33 2.87 -0.09	39.09 3.55 -0.37	42.52 3.83 -1.45	45.91 4.16 -1.01	46.19 4.18 -1.01	47.93 4.37 -1.15	55.54 5.29 -1.71	61.56 5.75 -2.11	70.27 6.20 -2.66	68.68 5.74 -2.53	55.02 4.45 -1.15	46.74 3.73 -0.59	42.47 3.77 -0.65	38.84 3.49 -0.08	34.35 2.74 -0.10
RAVENSWOOD_GT_4 24252	38.50 2.60 -2.18	31.80 2.30 0.00	29.71 2.05 0.01	29.22 1.81 0.00	29.05 1.75 0.00	29.05 1.72 0.00	28.94 1.72 0.00	29.64 2.22 0.00	33.39 2.53 0.00	38.44 2.87 -2.20	39.32 3.55 -0.60	43.36 3.83 -2.30	46.01 4.16 -1.11	46.16 4.14 -1.02	47.93 4.37 -1.15	55.55 5.29 -1.72	61.62 5.80 -2.12	70.27 6.20 -2.66	68.75 5.80 -2.54	55.02 4.45 -1.15	46.70 3.69 -0.60	46.25 3.73 -4.46	40.48 3.49 -1.72	36.09 2.74 -1.84
RAVENSWOOD_GT_5 24254	38.50 2.60 -2.18	31.80 2.30 0.00	29.71 2.05 0.01	29.22 1.81 0.00	29.05 1.75 0.00	29.05 1.72 0.00	28.94 1.72 0.00	29.64 2.22 0.00	33.39 2.53 0.00	38.44 2.87 -2.20	39.32 3.55 -0.60	43.36 3.83 -2.30	46.01 4.16 -1.11	46.16 4.14 -1.02	47.93 4.37 -1.15	55.55 5.29 -1.72	61.62 5.80 -2.12	70.27 6.20 -2.66	68.75 5.80 -2.54	55.02 4.45 -1.15	46.70 3.69 -0.60	46.25 3.73 -4.46	40.48 3.49 -1.72	36.09 2.74 -1.84
RAVENSWOOD_GT_6 24253	38.50 2.60 -2.18	31.80 2.30 0.00	29.71 2.05 0.01	29.22 1.81 0.00	29.05 1.75 0.00	29.05 1.72 0.00	28.94 1.72 0.00	29.64 2.22 0.00	33.39 2.53 0.00	38.44 2.87 -2.20	39.32 3.55 -0.60	43.36 3.83 -2.30	46.01 4.16 -1.11	46.16 4.14 -1.02	47.93 4.37 -1.15	55.55 5.29 -1.72	61.62 5.80 -2.12	70.27 6.20 -2.66	68.75 5.80 -2.54	55.02 4.45 -1.15	46.70 3.69 -0.60	46.25 3.73 -4.46	40.48 3.49 -1.72	36.09 2.74 -1.84
RAVENSWOOD_GT_7 24255	38.50 2.60 -2.18	31.80 2.30 0.00	29.71 2.05 0.01	29.22 1.81 0.00	29.05 1.75 0.00	29.05 1.72 0.00	28.94 1.72 0.00	29.64 2.22 0.00	33.39 2.53 0.00	38.44 2.87 -2.20	39.32 3.55 -0.60	43.36 3.83 -2.30	46.01 4.16 -1.11	46.16 4.14 -1.02	47.93 4.37 -1.15	55.55 5.29 -1.72	61.62 5.80 -2.12	70.27 6.20 -2.66	68.75 5.80 -2.54	55.02 4.45 -1.15	46.70 3.69 -0.60	46.25 3.73 -4.46	40.48 3.49 -1.72	36.09 2.74 -1.84
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.32 2.60 0.00	31.83 2.33 0.00	29.74 2.08 0.00	29.22 1.81 0.00	29.05 1.75 0.00	29.08 1.75 0.00	28.97 1.74 0.00	29.64 2.22 0.00	33.43 2.56 0.00	36.33 2.87 -0.09	39.09 3.55 -0.37	42.52 3.83 -1.45	45.91 4.16 -1.01	46.19 4.18 -1.01	47.93 4.37 -1.15	55.54 5.29 -1.71	61.56 5.75 -2.11	70.27 6.20 -2.66	68.68 5.74 -2.53	55.02 4.45 -1.15	46.74 3.73 -0.59	42.47 3.77 -0.65	38.84 3.49 -0.08	34.35 2.74 -0.10
RAVENSWOOD_GT_9 24257	36.32 2.60 0.00	31.83 2.33 0.00	29.74 2.08 0.00	29.22 1.81 0.00	29.05 1.75 0.00	29.08 1.75 0.00	28.97 1.74 0.00	29.64 2.22 0.00	33.43 2.56 0.00	36.33 2.87 -0.09	39.09 3.55 -0.37	42.52 3.83 -1.45	45.91 4.16 -1.01	46.19 4.18 -1.01	47.93 4.37 -1.15	55.54 5.29 -1.71	61.56 5.75 -2.11	70.27 6.20 -2.66	68.68 5.74 -2.53	55.02 4.45 -1.15	46.74 3.73 -0.59	42.47 3.77 -0.65	38.84 3.49 -0.08	34.35 2.74 -0.10

RAVENSWOOD___1 23533	36.49 2.77 -0.01	31.86 2.36 0.00	29.81 2.13 -0.01	29.41 2.00 0.00	29.18 1.88 0.00	29.24 1.91 0.00	29.29 2.07 0.00	29.72 2.30 0.00	33.55 2.68 0.00	36.53 3.07 -0.10	41.73 3.76 -2.81	42.71 4.02 -1.45	46.21 4.44 -1.02	46.37 4.34 -1.02	48.05 4.49 -1.15	55.69 5.44 -1.71	61.72 5.91 -2.11	70.39 6.33 -2.66	68.86 5.92 -2.53	55.11 4.54 -1.15	46.95 3.95 -0.59	42.60 3.88 -0.66	38.99 3.63 -0.09	34.51 2.90 -0.10
RAVENSWOOD___2 23534	36.43 2.70 -0.01	31.77 2.27 0.00	29.75 2.08 -0.01	29.36 1.95 0.00	29.13 1.83 0.00	29.16 1.83 0.00	29.24 2.01 0.00	29.67 2.25 0.00	33.49 2.62 0.00	36.43 2.97 -0.10	41.62 3.66 -2.80	42.63 3.94 -1.45	46.13 4.36 -1.02	46.28 4.26 -1.02	47.97 4.41 -1.15	55.54 5.29 -1.71	61.35 5.53 -2.11	69.96 5.90 -2.66	68.49 5.55 -2.53	55.02 4.45 -1.15	46.87 3.86 -0.59	42.52 3.81 -0.66	38.92 3.56 -0.09	34.45 2.84 -0.10
RAVENSWOOD___3 23535	36.32 2.60 0.00	31.74 2.24 0.00	29.69 2.02 0.00	29.33 1.92 0.00	29.07 1.77 0.00	29.13 1.80 0.00	29.19 1.96 0.00	29.62 2.19 0.00	33.42 2.56 0.00	36.36 2.90 -0.09	39.35 3.59 -0.60	42.56 3.87 -1.45	45.99 4.24 -1.01	46.20 4.18 -1.02	47.93 4.37 -1.15	55.59 5.34 -1.71	61.72 5.91 -2.11	70.39 6.33 -2.66	68.86 5.92 -2.53	55.02 4.45 -1.15	46.78 3.77 -0.59	42.44 3.73 -0.65	38.81 3.46 -0.08	34.38 2.77 -0.10
RAVENSWOOD___4 23820	33.63 2.73 2.82	31.83 2.33 0.00	29.78 2.10 -0.01	29.41 2.00 0.00	29.16 1.86 0.00	29.21 1.88 0.00	29.27 2.04 0.00	29.70 2.27 0.00	33.52 2.65 0.00	33.77 3.04 2.64	39.48 3.73 -0.59	41.61 4.02 -0.36	46.03 4.40 -0.88	46.35 4.34 -1.01	48.04 4.49 -1.14	55.68 5.44 -1.70	61.71 5.91 -2.11	70.38 6.33 -2.65	68.86 5.92 -2.53	55.06 4.50 -1.14	46.94 3.95 -0.58	37.66 3.88 4.28	36.82 3.60 2.05	32.22 2.87 2.16
RCPL_TRUST___DRP 24196	36.32 2.60 0.00	31.83 2.33 0.00	29.74 2.08 0.00	29.22 1.81 0.00	29.07 1.77 0.00	29.08 1.75 0.00	29.00 1.77 0.00	29.70 2.28 0.00	33.49 2.62 0.00	36.36 2.90 -0.09	39.35 3.59 -0.60	42.51 3.87 -1.41	45.95 4.20 -1.01	46.24 4.22 -1.02	48.01 4.45 -1.15	55.64 5.39 -1.71	61.72 5.91 -2.11	70.39 6.33 -2.66	68.80 5.86 -2.53	55.12 4.55 -1.15	46.74 3.73 -0.59	42.44 3.73 -0.65	38.84 3.49 -0.08	34.35 2.74 -0.10
RED___ROCHESTER 323720	34.29 0.57 0.00	29.59 0.09 0.00	27.61 -0.06 0.00	27.08 -0.33 0.00	26.89 -0.41 0.00	26.92 -0.41 0.00	27.12 -0.11 0.00	27.50 0.08 0.00	30.93 0.06 0.00	33.47 0.10 0.00	35.83 0.67 0.00	37.90 0.67 0.00	41.52 0.77 0.00	41.86 0.86 0.00	43.34 0.93 0.00	48.98 0.44 0.00	53.92 0.22 0.00	62.57 1.16 0.00	61.73 1.33 0.00	50.71 1.28 0.00	43.52 1.10 0.00	38.63 0.57 0.00	35.94 0.67 0.00	31.60 0.09 0.00
REGAN___SOLAR 323812	38.71 4.99 0.00	33.63 4.13 0.00	31.29 3.62 0.00	30.95 3.54 0.00	30.57 3.27 0.00	30.60 3.28 0.00	30.66 3.43 0.00	31.04 3.62 0.00	35.18 4.32 0.00	37.96 4.64 0.05	39.98 5.17 0.35	42.83 6.03 0.43	46.99 6.84 0.60	46.63 6.23 0.60	47.84 6.11 0.68	54.81 7.28 1.01	60.72 8.27 1.25	69.98 10.13 1.56	69.66 10.75 1.49	57.59 8.85 0.68	49.70 7.63 0.35	44.11 6.43 0.38	40.87 5.64 0.05	36.02 4.57 0.06
RENSSELAER___COGEN 23796	34.29 0.57 0.00	30.15 0.65 0.00	28.33 0.66 0.00	28.15 0.74 0.00	27.95 0.65 0.00	27.98 0.65 0.00	27.82 0.60 0.00	27.97 0.55 0.00	31.51 0.65 0.00	33.93 0.63 0.08	35.53 0.88 0.52	37.38 0.78 0.64	40.76 0.90 0.88	40.89 0.78 0.88	42.22 0.80 1.00	48.08 1.02 1.48	52.99 1.13 1.84	60.33 1.23 2.30	59.41 1.21 2.20	49.42 0.99 1.00	42.71 0.80 0.51	38.41 0.91 0.56	36.02 0.81 0.07	32.02 0.60 0.08
REPUBLIC_115KV_BARTNBRK 55605	38.24 4.52 0.00	33.45 3.95 0.00	31.16 3.49 0.00	30.62 3.21 0.00	30.36 3.06 0.00	30.39 3.06 0.00	30.22 2.99 0.00	30.66 3.24 0.00	34.88 4.01 0.00	37.82 4.54 0.08	39.44 4.85 0.57	41.85 5.32 0.71	45.56 5.79 0.97	45.02 5.00 0.98	45.93 4.62 1.10	52.63 5.73 1.64	58.49 6.82 2.03	67.45 8.60 2.55	67.39 9.42 2.44	56.33 8.01 1.10	48.55 6.70 0.57	43.07 5.63 0.62	40.17 4.97 0.07	35.48 4.06 0.09
REVERE_CPPR_DRP 24186	35.70 1.75 -0.22	30.86 1.36 -0.01	28.83 1.16 0.00	28.48 1.07 0.00	28.34 1.04 0.00	28.34 1.01 0.00	28.23 1.01 0.00	28.65 1.23 0.00	32.33 1.39 -0.08	35.15 1.57 -0.21	37.23 1.69 -0.38	39.59 1.86 -0.49	43.58 2.16 -0.67	43.82 2.13 -0.69	45.33 2.16 -0.76	52.07 2.48 -1.06	57.65 2.79 -1.16	66.26 3.56 -1.29	65.28 3.68 -1.19	53.15 3.06 -0.66	45.42 2.63 -0.37	40.56 2.25 -0.26	37.45 1.90 -0.27	32.99 1.48 0.00
REYNOLDS_115KV_TB3 80639	34.50 0.78 0.00	30.44 0.94 0.00	28.58 0.91 0.00	28.23 0.82 0.00	28.09 0.79 0.00	28.09 0.77 0.00	27.85 0.63 0.00	28.16 0.74 0.00	31.70 0.83 0.00	34.11 0.83 0.09	35.63 1.09 0.62	37.62 1.15 0.77	40.92 1.22 1.05	41.09 1.15 1.06	42.36 1.15 1.19	48.22 1.46 1.78	53.06 1.56 2.20	60.36 1.72 2.77	59.46 1.69 2.64	49.61 1.38 1.19	42.90 1.10 0.62	38.56 1.18 0.67	36.28 1.09 0.08	32.20 0.79 0.10
RIVERBAY____ 323610	36.80 3.07 -0.01	32.31 2.80 -0.01	30.22 2.55 -0.01	29.69 2.28 -0.01	29.52 2.21 -0.01	29.55 2.21 -0.01	29.41 2.18 -0.01	30.12 2.69 -0.01	33.86 2.99 0.00	36.67 3.20 -0.10	39.64 3.87 -0.60	42.89 4.21 -1.45	46.49 4.73 -1.02	46.86 4.84 -1.02	48.60 5.05 -1.15	56.38 6.12 -1.72	62.27 6.44 -2.12	71.07 7.00 -2.66	69.59 6.64 -2.54	55.92 5.34 -1.15	47.55 4.54 -0.59	43.05 4.34 -0.66	39.41 4.06 -0.09	34.89 3.28 -0.10
RIVERSIDE_115KV_TB3 55908	34.43 0.71 0.00	30.38 0.88 0.00	28.53 0.86 0.00	28.18 0.77 0.00	28.04 0.74 0.00	28.04 0.71 0.00	27.80 0.57 0.00	28.11 0.69 0.00	31.67 0.80 0.00	34.09 0.80 0.08	35.65 1.05 0.57	37.57 1.04 0.70	40.92 1.14 0.97	41.05 1.02 0.97	42.37 1.06 1.10	48.26 1.36 1.64	53.12 1.45 2.03	60.46 1.60 2.54	59.55 1.57 2.43	49.66 1.33 1.10	42.91 1.06 0.57	38.54 1.10 0.62	36.22 1.02 0.07	32.14 0.72 0.09
ROARING___BROOK_WT_PWR 323790	33.52 -0.20 0.00	29.32 -0.18 0.00	27.53 -0.14 0.00	27.27 -0.14 0.00	27.19 -0.11 0.00	27.22 -0.11 0.00	27.09 -0.14 0.00	27.20 -0.22 0.00	30.62 -0.25 0.00	33.10 -0.27 0.00	34.74 -0.42 0.00	36.75 -0.49 0.00	40.21 -0.53 0.00	40.46 -0.53 0.00	41.86 -0.55 0.00	47.91 -0.63 0.00	53.00 -0.70 0.00	60.68 -0.73 0.00	59.68 -0.72 0.00	48.83 -0.59 0.00	42.03 -0.38 0.00	37.64 -0.42 0.00	34.78 -0.49 0.00	31.10 -0.41 0.00
ROCHESRG_115KV_T4 355643	33.89 0.17 0.00	29.23 -0.27 0.00	27.25 -0.42 0.00	26.73 -0.69 0.00	26.56 -0.74 0.00	26.56 -0.77 0.00	26.52 -0.71 0.00	27.01 -0.41 0.00	30.56 -0.31 0.00	33.07 -0.30 0.00	35.27 0.11 0.00	37.34 0.11 0.00	41.07 0.33 0.00	41.33 0.33 0.00	42.79 0.38 0.00	48.35 -0.19 0.00	53.49 -0.21 0.00	61.66 0.25 0.00	60.95 0.54 0.00	49.97 0.54 0.00	43.01 0.59 0.00	38.10 0.04 0.00	35.34 0.07 0.00	31.23 -0.28 0.00

ROCHESTER_9_IC 23652	34.12 0.40 0.00	29.41 -0.09 0.00	27.42 -0.25 0.00	26.86 -0.55 0.00	26.70 -0.60 0.00	26.70 -0.63 0.00	26.65 -0.57 0.00	27.17 -0.25 0.00	30.74 -0.12 0.00	33.27 -0.10 0.00	35.52 0.35 0.00	37.64 0.41 0.00	41.40 0.65 0.00	41.65 0.66 0.00	43.13 0.72 0.00	48.69 0.15 0.00	53.92 0.21 0.00	62.15 0.74 0.00	61.43 1.03 0.00	50.36 0.94 0.00	43.35 0.93 0.00	38.40 0.34 0.00	35.59 0.32 0.00	31.41 -0.09 0.00
ROCKVIEW_13_KV_LD 356306	36.25 2.53 0.00	31.74 2.24 0.00	29.69 2.02 0.00	29.19 1.78 0.00	29.02 1.72 0.00	29.05 1.72 0.00	28.94 1.72 0.00	29.59 2.17 0.00	33.36 2.50 0.00	36.26 2.80 -0.09	39.24 3.48 -0.60	41.77 3.80 -0.74	45.87 4.12 -1.01	46.20 4.18 -1.02	48.01 4.45 -1.15	55.59 5.34 -1.71	61.72 5.91 -2.12	70.45 6.39 -2.66	68.92 5.98 -2.53	55.17 4.60 -1.15	46.70 3.69 -0.59	42.36 3.65 -0.65	38.70 3.35 -0.08	34.25 2.65 -0.10
ROME____115KV_TB2 80656	35.70 1.75 -0.22	30.86 1.36 -0.01	28.83 1.16 0.00	28.48 1.07 0.00	28.34 1.04 0.00	28.34 1.01 0.00	28.23 1.01 0.00	28.65 1.23 0.00	32.33 1.39 -0.08	35.15 1.57 -0.21	37.23 1.69 -0.38	39.59 1.86 -0.49	43.58 2.16 -0.67	43.82 2.13 -0.69	45.33 2.16 -0.76	52.07 2.48 -1.06	57.65 2.79 -1.16	66.26 3.56 -1.29	65.28 3.68 -1.19	53.15 3.06 -0.66	45.42 2.63 -0.37	40.56 2.25 -0.26	37.45 1.90 -0.27	32.99 1.48 0.00
ROSETON____1 23587	35.51 1.79 0.00	31.06 1.56 0.00	29.11 1.44 0.00	28.81 1.40 0.00	28.58 1.28 0.00	28.64 1.31 0.00	28.64 1.41 0.00	28.96 1.53 0.00	32.65 1.79 0.00	35.42 1.97 -0.08	38.21 2.50 -0.55	40.62 2.72 -0.67	44.64 2.97 -0.92	44.88 2.95 -0.93	46.60 3.14 -1.05	53.94 3.83 -1.56	59.93 4.30 -1.93	68.38 4.54 -2.43	67.08 4.35 -2.32	53.68 3.21 -1.05	45.63 2.67 -0.54	41.28 2.62 -0.59	37.74 2.40 -0.07	33.49 1.89 -0.09
ROSETON____2 23588	35.51 1.79 0.00	31.06 1.56 0.00	29.11 1.44 0.00	28.81 1.40 0.00	28.58 1.28 0.00	28.64 1.31 0.00	28.64 1.41 0.00	28.96 1.53 0.00	32.65 1.79 0.00	35.42 1.97 -0.08	38.21 2.50 -0.55	40.62 2.72 -0.67	44.64 2.97 -0.92	44.88 2.95 -0.93	46.60 3.14 -1.05	53.94 3.83 -1.56	59.93 4.30 -1.93	68.38 4.54 -2.43	67.08 4.35 -2.32	53.68 3.21 -1.05	45.63 2.67 -0.54	41.28 2.62 -0.59	37.74 2.40 -0.07	33.49 1.89 -0.09
ROTTDAM_115KV_TB3 80664	34.90 1.18 0.00	30.59 1.09 0.00	28.67 1.00 0.00	28.34 0.93 0.00	28.17 0.87 0.00	28.20 0.87 0.00	28.02 0.79 0.00	28.33 0.90 0.00	31.91 1.05 0.00	34.44 1.13 0.07	36.09 1.37 0.45	38.21 1.53 0.55	41.66 1.67 0.76	41.79 1.56 0.76	43.12 1.57 0.86	49.20 1.94 1.28	54.31 2.20 1.59	61.93 2.52 1.99	61.04 2.54 1.90	50.69 2.13 0.86	43.71 1.74 0.44	39.21 1.64 0.49	36.69 1.48 0.06	32.57 1.13 0.07
RUSSELL____1 23602	34.29 0.57 0.00	29.56 0.06 0.00	27.56 -0.11 0.00	27.00 -0.41 0.00	26.81 -0.49 0.00	26.83 -0.49 0.00	26.76 -0.46 0.00	27.31 -0.11 0.00	30.89 0.03 0.00	33.47 0.10 0.00	35.73 0.56 0.00	37.87 0.63 0.00	41.68 0.94 0.00	41.94 0.94 0.00	43.43 1.02 0.00	49.03 0.49 0.00	54.29 0.59 0.00	62.64 1.23 0.00	61.92 1.51 0.00	50.71 1.29 0.00	43.65 1.23 0.00	38.63 0.57 0.00	35.80 0.53 0.00	31.60 0.09 0.00
RUSSELL____2 23532	34.29 0.57 0.00	29.56 0.06 0.00	27.56 -0.11 0.00	27.00 -0.41 0.00	26.81 -0.49 0.00	26.83 -0.49 0.00	26.76 -0.46 0.00	27.31 -0.11 0.00	30.89 0.03 0.00	33.47 0.10 0.00	35.73 0.56 0.00	37.87 0.63 0.00	41.68 0.94 0.00	41.94 0.94 0.00	43.43 1.02 0.00	49.03 0.49 0.00	54.29 0.59 0.00	62.64 1.23 0.00	61.92 1.51 0.00	50.71 1.29 0.00	43.65 1.23 0.00	38.63 0.57 0.00	35.80 0.53 0.00	31.60 0.09 0.00
RUSSELL____3 23549	34.29 0.57 0.00	29.56 0.06 0.00	27.56 -0.11 0.00	27.00 -0.41 0.00	26.81 -0.49 0.00	26.83 -0.49 0.00	26.76 -0.46 0.00	27.31 -0.11 0.00	30.89 0.03 0.00	33.47 0.10 0.00	35.73 0.56 0.00	37.87 0.63 0.00	41.68 0.94 0.00	41.94 0.94 0.00	43.43 1.02 0.00	49.03 0.49 0.00	54.29 0.59 0.00	62.64 1.23 0.00	61.92 1.51 0.00	50.71 1.29 0.00	43.65 1.23 0.00	38.63 0.57 0.00	35.80 0.53 0.00	31.60 0.09 0.00
RUSSELL____4 23556	34.29 0.57 0.00	29.56 0.06 0.00	27.56 -0.11 0.00	27.00 -0.41 0.00	26.81 -0.49 0.00	26.83 -0.49 0.00	26.76 -0.46 0.00	27.31 -0.11 0.00	30.89 0.03 0.00	33.47 0.10 0.00	35.73 0.56 0.00	37.87 0.63 0.00	41.68 0.94 0.00	41.94 0.94 0.00	43.43 1.02 0.00	49.03 0.49 0.00	54.29 0.59 0.00	62.64 1.23 0.00	61.92 1.51 0.00	50.71 1.29 0.00	43.65 1.23 0.00	38.63 0.57 0.00	35.80 0.53 0.00	31.60 0.09 0.00
RUSSELL____STATION 23914	34.29 0.57 0.00	29.56 0.06 0.00	27.56 -0.11 0.00	27.00 -0.41 0.00	26.81 -0.49 0.00	26.83 -0.49 0.00	26.76 -0.46 0.00	27.31 -0.11 0.00	30.89 0.03 0.00	33.47 0.10 0.00	35.73 0.56 0.00	37.87 0.63 0.00	41.68 0.94 0.00	41.94 0.94 0.00	43.43 1.02 0.00	49.03 0.49 0.00	54.29 0.59 0.00	62.64 1.23 0.00	61.92 1.51 0.00	50.71 1.29 0.00	43.65 1.23 0.00	38.63 0.57 0.00	35.80 0.53 0.00	31.60 0.09 0.00
S SALMON____HYD 24043	34.90 0.14 -1.04	29.53 0.00 -0.03	27.61 -0.06 0.00	27.30 -0.11 0.00	27.16 -0.14 0.00	27.19 -0.14 0.00	27.17 -0.05 0.00	27.39 -0.03 0.00	31.16 -0.06 -0.36	34.34 0.00 -0.97	37.06 0.11 -1.79	39.58 0.04 -2.31	43.77 -0.12 -3.15	44.14 -0.08 -3.22	45.80 -0.17 -3.56	53.16 -0.34 -4.95	58.69 -0.43 -5.42	67.33 -0.12 -6.04	66.12 0.12 -5.60	52.89 0.35 -3.12	44.60 0.42 -1.75	39.65 0.38 -1.21	36.94 0.39 -1.28	31.64 0.13 0.00
S.PERRY__115KV_TB1 80734	35.64 1.92 0.00	30.65 1.15 0.00	28.53 0.86 0.00	27.88 0.47 0.00	27.68 0.38 0.00	27.74 0.41 0.00	27.61 0.38 0.00	28.13 0.71 0.00	31.60 0.74 0.00	33.77 0.40 0.00	35.80 0.63 0.00	37.90 0.67 0.00	41.60 0.86 0.00	41.82 0.82 0.00	43.22 0.81 0.00	47.28 -1.26 0.00	52.57 -1.13 0.00	61.04 -0.37 0.00	61.13 0.72 0.00	50.96 1.53 0.00	44.15 1.74 0.00	40.23 2.17 0.00	37.25 1.98 0.00	32.71 1.20 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.12 0.40 0.00	29.26 -0.24 0.00	27.20 -0.47 0.00	26.51 -0.90 0.00	26.29 -1.01 0.00	26.37 -0.96 0.00	26.36 -0.87 0.00	26.93 -0.49 0.00	30.52 -0.34 0.00	32.90 -0.47 0.00	35.31 0.14 0.00	37.38 0.15 0.00	41.15 0.41 0.00	41.49 0.49 0.00	42.92 0.51 0.00	48.20 -0.34 0.00	53.32 -0.38 0.00	61.47 0.06 0.00	60.89 0.48 0.00	50.12 0.69 0.00	43.18 0.76 0.00	37.95 -0.11 0.00	35.31 0.04 0.00	31.10 -0.41 0.00
SAWYER____23_KV_LOAD 55526	34.12 0.40 0.00	29.26 -0.24 0.00	27.20 -0.47 0.00	26.51 -0.90 0.00	26.29 -1.01 0.00	26.37 -0.96 0.00	26.36 -0.87 0.00	26.93 -0.49 0.00	30.52 -0.34 0.00	32.90 -0.47 0.00	35.31 0.14 0.00	37.38 0.15 0.00	41.15 0.41 0.00	41.49 0.49 0.00	42.92 0.51 0.00	48.20 -0.34 0.00	53.32 -0.38 0.00	61.47 0.06 0.00	60.89 0.48 0.00	50.12 0.69 0.00	43.18 0.76 0.00	37.95 -0.11 0.00	35.31 0.04 0.00	31.10 -0.41 0.00

SELKIRK___I 23801	34.66 0.94 0.00	30.41 0.92 0.00	28.58 0.91 0.00	28.37 0.96 0.00	28.17 0.87 0.00	28.20 0.87 0.00	28.04 0.82 0.00	28.16 0.74 0.00	31.70 0.83 0.00	34.12 0.80 0.05	35.83 0.98 0.32	37.62 0.78 0.40	41.09 0.90 0.55	41.23 0.78 0.55	42.56 0.76 0.62	48.64 1.02 0.92	53.74 1.18 1.14	61.32 1.35 1.44	60.55 1.51 1.37	50.09 1.28 0.62	43.24 1.15 0.32	38.93 1.22 0.35	36.32 1.09 0.04	32.31 0.85 0.05
SELKIRK___II 23799	34.43 0.71 0.00	30.24 0.74 0.00	28.42 0.75 0.00	28.21 0.80 0.00	28.01 0.71 0.00	28.04 0.71 0.00	27.91 0.68 0.00	28.05 0.63 0.00	31.60 0.74 0.00	34.08 0.77 0.06	35.80 1.02 0.38	37.47 0.71 0.47	40.87 0.77 0.65	41.04 0.70 0.65	42.40 0.72 0.73	48.32 0.87 1.10	53.31 0.97 1.35	60.69 0.98 1.70	59.81 1.03 1.62	49.48 0.79 0.73	42.76 0.72 0.38	38.56 0.91 0.42	36.10 0.88 0.05	32.08 0.63 0.06
SENECA OSWGO___HYD 24041	35.02 -0.17 -1.47	29.30 -0.24 -0.04	27.42 -0.25 0.00	27.11 -0.30 0.00	26.94 -0.36 0.00	27.00 -0.33 0.00	26.98 -0.25 0.00	27.20 -0.22 0.00	31.09 -0.28 -0.51	34.51 -0.23 -1.37	37.61 -0.07 -2.51	40.44 -0.04 -3.24	45.09 -0.08 -4.43	45.44 -0.08 -4.53	47.24 -0.17 -5.00	55.11 -0.39 -6.96	60.88 -0.43 -7.61	69.66 -0.24 -8.49	68.09 -0.18 -7.87	53.80 0.00 -4.38	44.92 0.04 -2.47	39.69 -0.08 -1.70	37.07 0.00 -1.80	31.32 -0.19 0.00
SENECA___115KV_TB3 355854	34.63 0.91 0.00	29.68 0.18 0.00	27.59 -0.08 0.00	26.89 -0.52 0.00	26.64 -0.66 0.00	26.75 -0.57 0.00	26.74 -0.49 0.00	27.37 -0.05 0.00	30.99 0.12 0.00	33.40 0.03 0.00	35.87 0.70 0.00	38.01 0.78 0.00	41.89 1.14 0.00	42.27 1.27 0.00	43.73 1.31 0.00	49.12 0.58 0.00	54.35 0.64 0.00	62.64 1.23 0.00	61.98 1.57 0.00	51.05 1.63 0.00	43.99 1.57 0.00	38.59 0.53 0.00	35.87 0.60 0.00	31.57 0.06 0.00
SENECA___ENERGY 23797	34.71 0.41 -0.58	29.60 0.09 -0.02	27.67 0.00 0.00	27.25 -0.16 0.00	27.08 -0.22 0.00	27.16 -0.16 0.00	27.25 0.03 0.00	27.56 0.14 0.00	31.16 0.09 -0.20	34.08 0.17 -0.54	36.62 0.46 -1.00	39.04 0.52 -1.29	42.96 0.45 -1.76	43.33 0.53 -1.80	44.95 0.55 -1.99	51.60 0.29 -2.77	57.05 0.32 -3.03	65.71 0.92 -3.38	64.68 1.14 -3.13	52.30 1.14 -1.74	44.33 0.93 -0.98	39.27 0.53 -0.68	36.55 0.56 -0.72	31.64 0.13 0.00
SHOEMAKER___GT 23640	35.37 1.65 0.00	30.94 1.45 0.00	28.97 1.30 0.00	28.67 1.26 0.00	28.45 1.15 0.00	28.50 1.17 0.00	28.48 1.25 0.00	28.76 1.34 0.00	32.47 1.60 0.00	35.17 1.73 -0.07	37.86 2.22 -0.48	40.20 2.38 -0.59	44.20 2.65 -0.81	44.43 2.63 -0.81	46.12 2.80 -0.91	53.25 3.35 -1.36	59.20 3.81 -1.69	67.70 4.18 -2.12	66.41 3.99 -2.02	53.35 3.02 -0.91	45.43 2.54 -0.47	41.01 2.44 -0.52	37.52 2.19 -0.06	33.29 1.70 -0.08
SHOEMAKR_138KV_BK 111 55601	35.37 1.65 0.00	31.00 1.50 0.00	29.03 1.36 0.00	28.56 1.15 0.00	28.42 1.12 0.00	28.45 1.12 0.00	28.32 1.09 0.00	28.82 1.40 0.00	32.47 1.60 0.00	35.17 1.74 -0.07	37.85 2.22 -0.47	40.19 2.38 -0.58	44.15 2.61 -0.79	44.38 2.58 -0.80	46.11 2.80 -0.90	53.23 3.35 -1.34	59.07 3.71 -1.66	67.55 4.05 -2.09	66.26 3.87 -1.99	53.34 3.01 -0.90	45.34 2.46 -0.46	41.00 2.44 -0.51	37.55 2.22 -0.06	33.32 1.73 -0.08
SHOREHAM_IC_1 23715	47.14 3.31 -10.11	45.97 2.77 -13.70	42.46 2.44 -12.36	39.00 2.36 -9.23	33.31 2.35 -3.66	34.44 2.38 -4.73	33.65 2.53 -3.89	32.50 2.58 -2.50	40.97 2.99 -7.11	46.67 3.50 -9.80	45.09 4.25 -5.67	66.45 4.62 -24.60	75.03 5.09 -29.19	243.19 5.08 -197.11	236.13 5.30 -188.42	269.85 6.36 -214.95	280.82 7.20 -219.92	268.36 7.86 -199.09	270.78 7.61 -202.77	230.35 5.53 -175.39	106.97 4.75 -59.80	85.87 4.60 -43.20	43.25 4.09 -3.89	41.58 3.37 -6.70
SHOREHAM_IC_2 23716	47.14 3.31 -10.11	45.97 2.77 -13.70	42.46 2.44 -12.36	39.00 2.36 -9.23	33.31 2.35 -3.66	34.44 2.38 -4.73	33.65 2.53 -3.89	32.50 2.58 -2.50	40.97 2.99 -7.11	46.67 3.50 -9.80	45.09 4.25 -5.67	66.45 4.62 -24.60	75.03 5.09 -29.19	243.19 5.08 -197.11	236.13 5.30 -188.42	269.85 6.36 -214.95	280.82 7.20 -219.92	268.36 7.86 -199.09	270.78 7.61 -202.77	230.35 5.53 -175.39	106.97 4.75 -59.80	85.87 4.60 -43.20	43.25 4.09 -3.89	41.58 3.37 -6.70
SISSONVILLE____ 23735	32.91 -0.94 -0.14	28.68 -0.83 0.00	26.92 -0.75 0.00	26.86 -0.55 0.00	26.84 -0.46 0.00	26.92 -0.41 0.00	26.95 -0.27 0.00	26.76 -0.66 0.00	30.08 -0.83 -0.05	32.60 -0.90 -0.13	33.99 -1.41 -0.23	35.97 -1.56 -0.30	39.44 -1.71 -0.41	39.86 -1.56 -0.42	41.18 -1.70 -0.46	47.29 -1.89 -0.64	52.31 -2.09 -0.70	59.92 -2.27 -0.78	58.96 -2.17 -0.73	48.10 -1.73 -0.40	41.37 -1.27 -0.23	36.92 -1.29 -0.16	34.20 -1.23 -0.17	30.63 -0.88 0.00
SITHE_IND_GS1 24169	28.62 -0.84 4.26	28.62 -0.77 0.11	26.95 -0.72 0.00	26.67 -0.74 0.00	26.51 -0.79 0.00	26.56 -0.76 0.00	26.52 -0.71 0.00	26.71 -0.71 0.00	28.56 -0.83 1.47	28.53 -0.87 3.97	27.11 -0.77 7.28	27.05 -0.78 9.40	27.01 -0.90 12.84	27.01 -0.86 13.12	26.98 -0.93 14.50	27.14 -1.21 20.19	30.28 -1.34 22.08	35.43 -1.35 24.63	36.26 -1.33 22.81	35.74 -0.99 12.70	34.41 -0.85 7.15	32.25 -0.87 4.94	29.30 -0.74 5.23	30.72 -0.79 0.00
SITHE_IND_GS2 24170	28.62 -0.84 4.26	28.62 -0.77 0.11	26.95 -0.72 0.00	26.67 -0.74 0.00	26.51 -0.79 0.00	26.56 -0.76 0.00	26.52 -0.71 0.00	26.71 -0.71 0.00	28.56 -0.83 1.47	28.53 -0.87 3.97	27.11 -0.77 7.28	27.05 -0.78 9.40	27.01 -0.90 12.84	27.01 -0.86 13.12	26.98 -0.93 14.50	27.14 -1.21 20.19	30.28 -1.34 22.08	35.43 -1.35 24.63	36.26 -1.33 22.81	35.74 -0.99 12.70	34.41 -0.85 7.15	32.25 -0.87 4.94	29.30 -0.74 5.23	30.72 -0.79 0.00
SITHE_IND_GS3 24171	28.62 -0.84 4.26	28.62 -0.77 0.11	26.95 -0.72 0.00	26.67 -0.74 0.00	26.51 -0.79 0.00	26.56 -0.76 0.00	26.52 -0.71 0.00	26.71 -0.71 0.00	28.56 -0.83 1.47	28.53 -0.87 3.97	27.11 -0.77 7.28	27.05 -0.78 9.40	27.01 -0.90 12.84	27.01 -0.86 13.12	26.98 -0.93 14.50	27.14 -1.21 20.19	30.28 -1.34 22.08	35.43 -1.35 24.63	36.26 -1.33 22.81	35.74 -0.99 12.70	34.41 -0.85 7.15	32.25 -0.87 4.94	29.30 -0.74 5.23	30.72 -0.79 0.00
SITHE_IND_GS4 24172	28.62 -0.84 4.26	28.62 -0.77 0.11	26.95 -0.72 0.00	26.67 -0.74 0.00	26.51 -0.79 0.00	26.56 -0.76 0.00	26.52 -0.71 0.00	26.71 -0.71 0.00	28.56 -0.83 1.47	28.53 -0.87 3.97	27.11 -0.77 7.28	27.05 -0.78 9.40	27.01 -0.90 12.84	27.01 -0.86 13.12	26.98 -0.93 14.50	27.14 -1.21 20.19	30.28 -1.34 22.08	35.43 -1.35 24.63	36.26 -1.33 22.81	35.74 -0.99 12.70	34.41 -0.85 7.15	32.25 -0.87 4.94	29.30 -0.74 5.23	30.72 -0.79 0.00
SITHE___BATAVIA 24024	34.87 1.15 0.00	29.91 0.41 0.00	27.84 0.17 0.00	27.22 -0.19 0.00	26.89 -0.41 0.00	26.94 -0.38 0.00	27.28 0.05 0.00	27.69 0.27 0.00	31.05 0.19 0.00	33.47 0.10 0.00	35.97 0.81 0.00	37.98 0.74 0.00	41.56 0.81 0.00	42.02 1.03 0.00	43.51 1.10 0.00	48.93 0.39 0.00	53.75 0.05 0.00	62.76 1.35 0.00	62.09 1.69 0.00	51.30 1.88 0.00	44.07 1.65 0.00	38.90 0.84 0.00	36.33 1.06 0.00	31.82 0.32 0.00

SITHE___INDEPEND 23800	28.62 -0.84 4.26	28.56 -0.83 0.11	26.89 -0.77 0.00	26.56 -0.85 0.00	26.43 -0.87 0.00	26.45 -0.87 0.00	26.36 -0.87 0.00	26.68 -0.74 0.00	28.56 -0.83 1.47	28.53 -0.87 3.97	27.11 -0.77 7.28	27.01 -0.82 9.40	27.05 -0.86 12.84	27.01 -0.86 13.12	26.98 -0.93 14.50	27.14 -1.21 20.19	30.33 -1.29 22.08	35.43 -1.35 24.63	36.32 -1.27 22.81	35.74 -0.99 12.70	34.41 -0.85 7.15	32.29 -0.84 4.94	29.27 -0.78 5.23	30.72 -0.79 0.00
SITHE___MASSENA 23902	32.98 -0.74 0.00	28.88 -0.62 0.00	27.14 -0.53 0.00	26.92 -0.49 0.00	26.92 -0.38 0.00	26.94 -0.38 0.00	26.76 -0.46 0.00	26.90 -0.52 0.00	30.21 -0.65 0.00	32.60 -0.77 0.00	33.93 -1.23 0.00	35.89 -1.34 0.00	39.28 -1.47 0.00	39.65 -1.35 0.00	41.01 -1.40 0.00	46.94 -1.60 0.00	51.98 -1.72 0.00	59.44 -1.97 0.00	58.41 -1.99 0.00	47.79 -1.63 0.00	41.18 -1.23 0.00	36.84 -1.22 0.00	34.11 -1.16 0.00	30.75 -0.76 0.00
SITHE___OGDNSBRG 24021	33.28 -0.44 0.00	29.12 -0.38 0.00	27.34 -0.33 0.00	27.27 -0.14 0.00	27.22 -0.08 0.00	27.30 -0.03 0.00	27.34 0.11 0.00	27.09 -0.33 0.00	30.37 -0.49 0.00	32.80 -0.57 0.00	34.04 -1.13 0.00	35.97 -1.27 0.00	39.32 -1.43 0.00	39.73 -1.27 0.00	41.10 -1.31 0.00	47.09 -1.46 0.00	52.09 -1.61 0.00	59.81 -1.60 0.00	58.96 -1.45 0.00	48.34 -1.09 0.00	41.78 -0.64 0.00	37.30 -0.76 0.00	34.46 -0.81 0.00	31.07 -0.44 0.00
SITHE___STERLING 23777	35.38 1.42 -0.24	30.60 1.09 -0.01	28.61 0.94 0.00	28.29 0.88 0.00	28.15 0.85 0.00	28.15 0.82 0.00	28.12 0.90 0.00	28.44 1.02 0.00	32.06 1.11 -0.08	34.89 1.30 -0.22	37.02 1.44 -0.41	39.36 1.60 -0.53	43.26 1.79 -0.72	43.54 1.80 -0.74	45.09 1.86 -0.82	51.77 2.09 -1.14	57.20 2.26 -1.25	65.75 2.95 -1.39	64.71 3.02 -1.29	52.71 2.57 -0.72	45.02 2.20 -0.40	40.20 1.86 -0.28	37.19 1.62 -0.29	32.71 1.20 0.00
SLEIGHT___34_KV_TB1 80719	34.08 0.20 -0.16	29.33 -0.18 0.00	27.37 -0.30 0.00	26.89 -0.52 0.00	26.73 -0.57 0.00	26.75 -0.57 0.00	26.68 -0.54 0.00	27.20 -0.22 0.00	30.83 -0.09 -0.06	33.49 -0.03 -0.15	35.76 0.32 -0.28	37.96 0.37 -0.36	41.76 0.53 -0.49	42.03 0.53 -0.50	43.52 0.55 -0.55	49.46 0.15 -0.77	54.76 0.21 -0.84	63.09 0.74 -0.94	62.24 0.97 -0.87	50.75 0.84 -0.48	43.45 0.76 -0.27	38.51 0.27 -0.19	35.72 0.25 -0.20	31.38 -0.13 0.00
SOUTH CAIRO___GT 23612	35.88 2.16 0.00	31.48 1.98 0.00	29.50 1.83 0.00	29.11 1.70 0.00	28.91 1.61 0.00	28.88 1.56 0.00	28.64 1.42 0.00	28.79 1.37 0.00	32.50 1.64 0.00	35.11 1.77 0.03	37.10 2.15 0.21	38.83 1.86 0.26	42.63 2.24 0.36	42.56 1.93 0.36	43.95 1.95 0.41	50.26 2.33 0.61	55.52 2.58 0.76	63.96 3.50 0.95	63.49 3.99 0.91	52.62 3.61 0.41	45.34 3.14 0.21	40.76 2.93 0.23	37.64 2.40 0.03	33.33 1.86 0.03
SOUTH HAMPTN___IC 23720	47.81 3.98 -10.11	46.50 3.30 -13.70	42.93 2.90 -12.36	39.47 2.82 -9.23	33.75 2.79 -3.66	34.90 2.84 -4.73	34.11 2.99 -3.89	33.02 3.10 -2.50	41.58 3.61 -7.11	47.47 4.31 -9.80	46.06 5.34 -5.56	67.71 5.88 -24.60	76.33 6.40 -29.19	236.70 6.39 -189.31	230.50 6.53 -181.57	262.54 7.72 -206.27	273.65 8.65 -211.30	261.75 9.45 -190.89	263.92 9.18 -194.34	224.32 6.77 -168.13	105.62 5.89 -57.31	85.18 5.60 -41.53	44.01 4.90 -3.84	42.21 4.00 -6.70
SOUTHDOW___115KV_TB1 355954	35.71 1.99 0.00	30.59 1.09 0.00	28.42 0.75 0.00	27.66 0.25 0.00	27.41 0.11 0.00	27.55 0.22 0.00	27.55 0.33 0.00	28.35 0.93 0.00	32.13 1.27 0.00	34.67 1.30 0.00	37.20 2.04 0.00	39.50 2.27 0.00	43.48 2.73 0.00	43.91 2.91 0.00	45.29 2.88 0.00	51.02 2.48 0.00	56.39 2.69 0.00	65.16 3.75 0.00	64.45 4.05 0.00	53.08 3.66 0.00	45.64 3.22 0.00	39.89 1.83 0.00	36.89 1.62 0.00	32.30 0.79 0.00
SOUTHOLD_69_KV_BK 2 55809	48.49 4.65 -10.11	47.09 3.89 -13.70	43.46 3.43 -12.36	39.79 3.15 -9.23	34.13 3.17 -3.66	35.26 3.20 -4.73	34.30 3.19 -3.89	33.54 3.62 -2.50	42.20 4.23 -7.11	48.24 5.07 -9.80	47.16 6.44 -5.56	69.02 7.19 -24.60	77.68 7.74 -29.19	238.12 7.71 -189.41	231.02 6.96 -181.65	263.08 8.16 -206.39	274.13 9.02 -211.41	262.35 9.95 -190.99	264.33 9.48 -194.45	225.01 7.36 -168.22	106.84 7.08 -57.34	86.27 6.66 -41.55	44.79 5.68 -3.84	42.77 4.57 -6.70
SOUTHOLD___IC 23719	48.49 4.65 -10.11	47.03 3.83 -13.70	43.40 3.37 -12.36	39.87 3.23 -9.23	34.16 3.19 -3.66	35.31 3.25 -4.73	34.55 3.43 -3.89	33.49 3.56 -2.50	42.20 4.23 -7.11	48.27 5.11 -9.80	47.19 6.47 -5.56	68.98 7.15 -24.60	77.72 7.78 -29.19	238.16 7.75 -189.41	231.06 7.00 -181.65	263.13 8.21 -206.39	274.24 9.13 -211.41	262.42 10.01 -190.99	264.51 9.66 -194.45	224.76 7.12 -168.22	106.88 7.12 -57.34	86.23 6.62 -41.55	44.75 5.64 -3.84	42.77 4.57 -6.70
SOUTH_FORK_WT_PWR 323839	48.42 4.59 -10.11	46.97 3.78 -13.70	43.32 3.29 -12.36	39.82 3.18 -9.23	34.10 3.14 -3.66	35.26 3.20 -4.73	34.52 3.40 -3.89	33.46 3.54 -2.50	42.17 4.20 -7.11	48.27 5.11 -9.80	47.30 6.57 -5.56	69.06 7.22 -24.60	77.76 7.82 -29.19	238.11 7.75 -189.36	231.48 7.47 -181.61	263.56 8.69 -206.33	274.66 9.61 -211.35	262.84 10.50 -190.94	264.94 10.15 -194.39	225.15 7.56 -168.17	106.78 7.04 -57.32	86.14 6.55 -41.54	44.65 5.54 -3.84	42.62 4.41 -6.70
SPIERFLS_115KV_TB 1 80737	35.54 1.82 0.00	31.18 1.68 0.00	29.16 1.49 0.00	28.78 1.37 0.00	28.58 1.28 0.00	28.58 1.26 0.00	28.42 1.20 0.00	28.76 1.34 0.00	32.53 1.67 0.00	35.16 1.87 0.08	36.50 1.90 0.56	38.66 2.12 0.69	42.00 2.20 0.95	41.85 1.80 0.95	42.94 1.61 1.08	49.07 2.14 1.61	54.56 2.85 1.99	62.48 3.56 2.50	62.25 4.23 2.38	51.95 3.61 1.08	44.79 2.93 0.56	39.96 2.51 0.61	37.42 2.22 0.07	33.12 1.70 0.09
ST LAWRENCE____ 23600	32.95 -0.77 0.00	28.85 -0.65 0.00	27.09 -0.58 0.00	26.86 -0.55 0.00	26.86 -0.44 0.00	26.89 -0.44 0.00	26.68 -0.54 0.00	26.84 -0.58 0.00	30.18 -0.68 0.00	32.60 -0.77 0.00	33.97 -1.20 0.00	35.93 -1.30 0.00	39.28 -1.47 0.00	39.60 -1.39 0.00	40.97 -1.44 0.00	46.94 -1.60 0.00	51.93 -1.77 0.00	59.32 -2.09 0.00	58.35 -2.05 0.00	47.74 -1.68 0.00	41.06 -1.36 0.00	36.77 -1.29 0.00	34.07 -1.20 0.00	30.72 -0.79 0.00
STATE_CA_115KV_115_LB 55624	34.53 0.81 0.00	30.41 0.91 0.00	28.58 0.91 0.00	28.23 0.82 0.00	28.06 0.76 0.00	28.06 0.74 0.00	27.85 0.63 0.00	28.16 0.74 0.00	31.73 0.86 0.00	34.16 0.87 0.08	35.76 1.13 0.53	37.73 1.15 0.66	41.11 1.26 0.90	41.24 1.15 0.91	42.53 1.15 1.02	48.47 1.46 1.53	53.37 1.56 1.89	60.82 1.78 2.37	59.90 1.75 2.26	49.88 1.48 1.02	43.03 1.15 0.53	38.70 1.22 0.58	36.29 1.09 0.07	32.21 0.79 0.09
STATE_ST_34_KV_LOAD 55959	34.94 0.54 -0.68	29.75 0.24 -0.02	27.81 0.14 0.00	27.41 0.00 0.00	27.27 -0.03 0.00	27.30 -0.03 0.00	27.20 -0.03 0.00	27.67 0.25 0.00	31.44 0.34 -0.23	34.44 0.43 -0.63	36.99 0.67 -1.16	39.55 0.82 -1.50	43.72 0.94 -2.04	44.03 0.94 -2.09	45.65 0.93 -2.31	52.58 0.83 -3.21	58.29 1.07 -3.51	66.86 1.54 -3.92	65.73 1.69 -3.63	52.88 1.43 -2.02	44.78 1.23 -1.14	39.68 0.84 -0.79	36.88 0.78 -0.83	31.92 0.41 0.00

STATION 5_MISC_HYD 23604	34.13 0.41 0.00	29.44 -0.06 0.00	27.48 -0.19 0.00	26.94 -0.47 0.00	26.75 -0.55 0.00	26.81 -0.52 0.00	27.01 -0.22 0.00	27.37 -0.05 0.00	30.77 -0.09 0.00	33.30 -0.07 0.00	35.62 0.46 0.00	37.64 0.41 0.00	41.24 0.49 0.00	41.57 0.57 0.00	43.05 0.64 0.00	48.64 0.10 0.00	53.49 -0.21 0.00	62.09 0.68 0.00	61.25 0.85 0.00	50.36 0.94 0.00	43.22 0.80 0.00	38.36 0.30 0.00	35.73 0.46 0.00	31.42 -0.09 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.53 0.64 -0.17	29.68 0.18 0.00	27.70 0.03 0.00	27.19 -0.22 0.00	27.03 -0.27 0.00	27.05 -0.27 0.00	26.95 -0.27 0.00	27.53 0.11 0.00	31.17 0.25 -0.06	33.87 0.33 -0.16	36.20 0.74 -0.30	38.43 0.82 -0.38	42.33 1.06 -0.52	42.60 1.07 -0.53	44.10 1.10 -0.59	50.09 0.73 -0.82	55.46 0.86 -0.90	63.95 1.54 -1.00	63.15 1.81 -0.93	51.47 1.53 -0.52	44.06 1.36 -0.29	39.02 0.76 -0.20	36.15 0.67 -0.21	31.76 0.25 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	33.92 0.20 0.00	29.26 -0.24 0.00	27.28 -0.39 0.00	26.75 -0.66 0.00	26.59 -0.71 0.00	26.59 -0.74 0.00	26.52 -0.71 0.00	27.06 -0.36 0.00	30.62 -0.25 0.00	33.14 -0.23 0.00	35.38 0.21 0.00	37.49 0.26 0.00	41.23 0.49 0.00	41.49 0.49 0.00	42.96 0.55 0.00	48.54 0.00 0.00	53.70 0.00 0.00	61.90 0.49 0.00	61.19 0.79 0.00	50.12 0.69 0.00	43.14 0.72 0.00	38.21 0.15 0.00	35.41 0.14 0.00	31.29 -0.22 0.00
STA_56___34_KV_BUS2 355983	33.92 0.20 0.00	29.26 -0.24 0.00	27.28 -0.39 0.00	26.75 -0.66 0.00	26.59 -0.71 0.00	26.59 -0.74 0.00	26.52 -0.71 0.00	27.06 -0.36 0.00	30.62 -0.25 0.00	33.14 -0.23 0.00	35.38 0.21 0.00	37.49 0.26 0.00	41.23 0.49 0.00	41.49 0.49 0.00	42.96 0.55 0.00	48.54 0.00 0.00	53.70 0.00 0.00	61.90 0.49 0.00	61.19 0.79 0.00	50.12 0.69 0.00	43.14 0.72 0.00	38.21 0.15 0.00	35.41 0.14 0.00	31.29 -0.22 0.00
STA_67___115KV_BK2 355882	34.02 0.30 0.00	29.32 -0.18 0.00	27.37 -0.30 0.00	26.81 -0.60 0.00	26.64 -0.66 0.00	26.67 -0.66 0.00	26.60 -0.63 0.00	27.12 -0.30 0.00	30.68 -0.19 0.00	33.20 -0.17 0.00	35.45 0.28 0.00	37.53 0.30 0.00	41.27 0.53 0.00	41.53 0.53 0.00	43.00 0.59 0.00	48.54 0.00 0.00	53.75 0.05 0.00	61.96 0.55 0.00	61.25 0.85 0.00	50.21 0.79 0.00	43.22 0.81 0.00	38.29 0.23 0.00	35.48 0.21 0.00	31.35 -0.16 0.00
STA_7___115KV_9TRANS 80674	34.29 0.57 0.00	29.56 0.06 0.00	27.56 -0.11 0.00	27.00 -0.41 0.00	26.81 -0.49 0.00	26.83 -0.49 0.00	26.76 -0.46 0.00	27.31 -0.11 0.00	30.89 0.03 0.00	33.47 0.10 0.00	35.73 0.56 0.00	37.87 0.63 0.00	41.68 0.94 0.00	41.94 0.94 0.00	43.43 1.02 0.00	49.03 0.49 0.00	54.29 0.59 0.00	62.64 1.23 0.00	61.92 1.51 0.00	50.71 1.29 0.00	43.65 1.23 0.00	38.63 0.57 0.00	35.80 0.53 0.00	31.60 0.09 0.00
STA_82___115KV_TB1 80780	34.02 0.30 0.00	29.35 -0.15 0.00	27.37 -0.30 0.00	26.81 -0.60 0.00	26.64 -0.66 0.00	26.67 -0.66 0.00	26.60 -0.63 0.00	27.12 -0.30 0.00	30.68 -0.19 0.00	33.20 -0.17 0.00	35.45 0.28 0.00	37.53 0.30 0.00	41.27 0.53 0.00	41.57 0.57 0.00	43.00 0.59 0.00	48.54 0.00 0.00	53.75 0.05 0.00	61.96 0.55 0.00	61.25 0.85 0.00	50.21 0.79 0.00	43.22 0.81 0.00	38.29 0.23 0.00	35.52 0.25 0.00	31.35 -0.16 0.00
STEEL___WIND 323596	34.63 0.91 0.00	29.68 0.18 0.00	27.61 -0.06 0.00	26.97 -0.44 0.00	26.70 -0.60 0.00	26.81 -0.52 0.00	27.23 0.00 0.00	27.61 0.19 0.00	30.99 0.12 0.00	33.40 0.03 0.00	35.97 0.81 0.00	38.02 0.78 0.00	41.56 0.81 0.00	42.14 1.15 0.00	43.60 1.19 0.00	48.93 0.39 0.00	53.70 0.00 0.00	62.45 1.04 0.00	61.61 1.21 0.00	51.00 1.58 0.00	43.73 1.32 0.00	38.55 0.49 0.00	36.05 0.77 0.00	31.54 0.03 0.00
STEPHTWN_115KV_BK_2 55603	34.73 1.01 0.00	30.59 1.09 0.00	28.75 1.08 0.00	28.40 0.99 0.00	28.23 0.93 0.00	28.23 0.90 0.00	28.02 0.79 0.00	28.33 0.90 0.00	31.94 1.08 0.00	34.40 1.10 0.08	36.05 1.41 0.52	37.97 1.38 0.64	41.42 1.55 0.88	41.51 1.39 0.88	42.77 1.36 1.00	48.81 1.75 1.48	53.69 1.83 1.84	61.25 2.15 2.30	60.38 2.17 2.20	50.26 1.83 1.00	43.39 1.48 0.51	38.98 1.48 0.56	36.54 1.34 0.07	32.43 1.01 0.08
STEUBEN_REC_LFGE 323667	35.79 1.85 -0.22	30.63 1.12 -0.01	28.50 0.83 0.00	27.79 0.38 0.00	27.60 0.30 0.00	27.65 0.33 0.00	27.66 0.44 0.00	28.35 0.93 0.00	32.11 1.17 -0.08	34.77 1.20 -0.20	37.19 1.65 -0.37	39.57 1.86 -0.48	43.52 2.12 -0.66	43.84 2.17 -0.67	45.36 2.21 -0.74	51.37 1.80 -1.03	56.98 2.15 -1.13	65.74 3.07 -1.26	65.14 3.56 -1.17	53.38 3.31 -0.65	45.75 2.97 -0.37	40.25 1.94 -0.25	37.23 1.69 -0.27	32.39 0.88 0.00
STILLWATER___SOLAR 323814	35.51 1.79 0.00	31.12 1.62 0.00	29.14 1.47 0.00	28.86 1.45 0.00	28.64 1.34 0.00	28.69 1.37 0.00	28.59 1.36 0.00	28.76 1.34 0.00	32.47 1.60 0.00	35.05 1.77 0.09	36.52 1.97 0.62	38.63 2.16 0.76	42.06 2.36 1.05	42.12 2.17 1.05	43.30 2.08 1.19	49.34 2.57 1.77	54.52 3.01 2.19	62.22 3.56 2.75	61.59 3.81 2.62	51.40 3.17 1.19	44.48 2.67 0.61	39.75 2.36 0.67	37.31 2.12 0.08	33.08 1.67 0.10
STONY___BROOK 24151	47.27 3.44 -10.11	46.12 2.92 -13.70	42.63 2.60 -12.36	39.14 2.49 -9.23	33.39 2.43 -3.66	34.52 2.46 -4.73	33.73 2.61 -3.89	32.69 2.77 -2.50	41.18 3.21 -7.11	46.84 3.67 -9.80	45.74 4.29 -6.28	66.30 4.47 -24.60	74.83 4.89 -29.19	285.60 4.92 -239.69	273.46 5.17 -225.88	317.07 6.17 -262.36	327.62 6.93 -266.98	312.75 7.43 -243.91	316.39 7.18 -248.80	269.76 5.24 -215.10	120.28 4.45 -73.41	94.76 4.34 -52.37	43.60 4.16 -4.17	41.68 3.47 -6.70
STURGEON_POOL_HYD 23609	35.71 1.99 0.00	31.27 1.77 0.00	29.25 1.58 0.00	28.78 1.37 0.00	28.64 1.34 0.00	28.64 1.31 0.00	28.48 1.25 0.00	29.04 1.62 0.00	32.72 1.85 0.00	35.64 2.24 -0.04	38.31 2.88 -0.26	40.68 3.13 -0.32	44.65 3.46 -0.44	44.89 3.44 -0.45	46.65 3.73 -0.50	53.76 4.47 -0.75	59.57 4.94 -0.93	67.86 5.28 -1.17	66.47 4.95 -1.11	53.73 3.81 -0.50	45.77 3.10 -0.26	41.39 3.04 -0.28	38.09 2.79 -0.03	33.69 2.14 -0.04
ST_LAW_115_BK7_LBMP 345037	32.88 -0.84 0.00	28.79 -0.71 0.00	27.03 -0.64 0.00	26.81 -0.60 0.00	26.81 -0.49 0.00	26.84 -0.49 0.00	26.65 -0.57 0.00	26.79 -0.63 0.00	30.12 -0.74 0.00	32.54 -0.83 0.00	33.86 -1.30 0.00	35.82 -1.41 0.00	39.16 -1.59 0.00	39.48 -1.52 0.00	40.84 -1.57 0.00	46.80 -1.75 0.00	51.77 -1.93 0.00	59.20 -2.21 0.00	58.17 -2.23 0.00	47.60 -1.83 0.00	40.97 -1.44 0.00	36.69 -1.37 0.00	33.97 -1.30 0.00	30.66 -0.85 0.00
ST_LAW_115_BK8_LBMP 345038	32.88 -0.84 0.00	28.79 -0.71 0.00	27.03 -0.64 0.00	26.81 -0.60 0.00	26.81 -0.49 0.00	26.84 -0.49 0.00	26.65 -0.57 0.00	26.79 -0.63 0.00	30.12 -0.74 0.00	32.54 -0.83 0.00	33.86 -1.30 0.00	35.82 -1.41 0.00	39.16 -1.59 0.00	39.48 -1.52 0.00	40.84 -1.57 0.00	46.80 -1.75 0.00	51.77 -1.93 0.00	59.20 -2.21 0.00	58.17 -2.23 0.00	47.60 -1.83 0.00	40.97 -1.44 0.00	36.69 -1.37 0.00	33.97 -1.30 0.00	30.66 -0.85 0.00

ST_LAW_230_BK5_LBMP 345035	32.95 -0.77 0.00	28.85 -0.65 0.00	27.09 -0.58 0.00	26.86 -0.55 0.00	26.86 -0.44 0.00	26.89 -0.44 0.00	26.68 -0.54 0.00	26.84 -0.58 0.00	30.18 -0.68 0.00	32.60 -0.77 0.00	33.97 -1.20 0.00	35.93 -1.30 0.00	39.28 -1.47 0.00	39.60 -1.39 0.00	40.97 -1.44 0.00	46.94 -1.60 0.00	51.93 -1.77 0.00	59.32 -2.09 0.00	58.35 -2.05 0.00	47.74 -1.68 0.00	41.06 -1.36 0.00	36.77 -1.29 0.00	34.07 -1.20 0.00	30.72 -0.79 0.00
ST_LAW_230_BK6_LBMP 345036	32.95 -0.77 0.00	28.85 -0.65 0.00	27.09 -0.58 0.00	26.86 -0.55 0.00	26.86 -0.44 0.00	26.89 -0.44 0.00	26.68 -0.54 0.00	26.84 -0.58 0.00	30.18 -0.68 0.00	32.60 -0.77 0.00	33.97 -1.20 0.00	35.93 -1.30 0.00	39.28 -1.47 0.00	39.60 -1.39 0.00	40.97 -1.44 0.00	46.94 -1.60 0.00	51.93 -1.77 0.00	59.32 -2.09 0.00	58.35 -2.05 0.00	47.74 -1.68 0.00	41.06 -1.36 0.00	36.77 -1.29 0.00	34.07 -1.20 0.00	30.72 -0.79 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.57 1.85 0.00	31.18 1.68 0.00	29.16 1.49 0.00	28.70 1.29 0.00	28.56 1.26 0.00	28.58 1.26 0.00	28.45 1.23 0.00	29.01 1.59 0.00	32.72 1.85 0.00	35.45 2.00 -0.07	38.23 2.57 -0.50	40.60 2.76 -0.61	44.61 3.02 -0.84	44.84 2.99 -0.85	46.59 3.22 -0.96	53.86 3.88 -1.43	59.76 4.30 -1.77	68.24 4.61 -2.22	66.87 4.35 -2.12	53.74 3.36 -0.96	45.62 2.71 -0.49	41.30 2.70 -0.54	37.84 2.50 -0.06	33.54 1.95 -0.08
SWANROAD_115KV_TB1 355699	33.58 -0.13 0.00	28.79 -0.71 0.00	26.76 -0.91 0.00	25.90 -1.51 0.00	25.69 -1.61 0.00	25.74 -1.58 0.00	25.84 -1.39 0.00	26.27 -1.15 0.00	29.78 -1.08 0.00	32.10 -1.27 0.00	34.46 -0.70 0.00	36.45 -0.78 0.00	40.13 -0.61 0.00	40.42 -0.57 0.00	41.82 -0.59 0.00	46.94 -1.60 0.00	51.93 -1.77 0.00	59.87 -1.54 0.00	59.32 -1.09 0.00	48.88 -0.54 0.00	42.16 -0.25 0.00	37.03 -1.03 0.00	34.46 -0.81 0.00	30.47 -1.04 0.00
SYNERGY___BIOGAS 323694	34.87 1.15 0.00	29.91 0.41 0.00	27.84 0.17 0.00	27.22 -0.19 0.00	26.89 -0.41 0.00	26.94 -0.38 0.00	27.28 0.05 0.00	27.69 0.27 0.00	31.05 0.19 0.00	33.47 0.10 0.00	35.97 0.81 0.00	37.98 0.74 0.00	41.56 0.81 0.00	42.02 1.03 0.00	43.51 1.10 0.00	48.93 0.39 0.00	53.75 0.05 0.00	62.76 1.35 0.00	62.09 1.69 0.00	51.30 1.88 0.00	44.07 1.65 0.00	38.90 0.84 0.00	36.33 1.06 0.00	31.82 0.32 0.00
SYRACUSE___ENERGY_ST1 323597	34.70 0.17 -0.81	29.52 0.00 -0.02	27.64 -0.03 0.00	27.25 -0.16 0.00	27.14 -0.16 0.00	27.16 -0.16 0.00	27.06 -0.16 0.00	27.45 0.03 0.00	31.21 0.06 -0.28	34.29 0.17 -0.76	36.91 0.35 -1.39	39.47 0.45 -1.79	43.68 0.49 -2.45	43.99 0.49 -2.50	45.64 0.47 -2.76	52.73 0.34 -3.85	58.34 0.43 -4.21	66.78 0.68 -4.70	65.48 0.72 -4.35	52.49 0.64 -2.42	44.37 0.59 -1.36	39.34 0.34 -0.94	36.62 0.35 -1.00	31.64 0.13 0.00
SYRACUSE___ENERGY_ST2 323598	34.70 0.17 -0.81	29.52 0.00 -0.02	27.64 -0.03 0.00	27.25 -0.16 0.00	27.14 -0.16 0.00	27.16 -0.16 0.00	27.06 -0.16 0.00	27.45 0.03 0.00	31.21 0.06 -0.28	34.29 0.17 -0.76	36.91 0.35 -1.39	39.47 0.45 -1.79	43.68 0.49 -2.45	43.99 0.49 -2.50	45.64 0.47 -2.76	52.73 0.34 -3.85	58.34 0.43 -4.21	66.78 0.68 -4.70	65.48 0.72 -4.35	52.49 0.64 -2.42	44.37 0.59 -1.36	39.34 0.34 -0.94	36.62 0.35 -1.00	31.64 0.13 0.00
SYRACUSE___POWER 24017	34.27 0.00 -0.55	29.37 -0.15 -0.01	27.50 -0.17 0.00	27.11 -0.30 0.00	26.97 -0.33 0.00	27.00 -0.33 0.00	26.90 -0.33 0.00	27.28 -0.14 0.00	30.96 -0.09 -0.19	33.85 -0.03 -0.51	36.24 0.14 -0.93	38.66 0.22 -1.21	42.64 0.24 -1.65	42.93 0.25 -1.68	44.48 0.21 -1.86	51.23 0.10 -2.59	56.70 0.16 -2.83	64.88 0.31 -3.16	63.76 0.42 -2.93	51.40 0.35 -1.63	43.63 0.30 -0.92	38.81 0.11 -0.63	36.12 0.18 -0.67	31.45 -0.06 0.00
TALLMAN___138KV_BK151 55660	35.78 2.06 0.00	31.42 1.92 0.00	29.36 1.69 0.00	28.86 1.45 0.00	28.72 1.42 0.00	28.75 1.42 0.00	28.62 1.39 0.00	29.26 1.84 0.00	32.96 2.10 0.00	35.75 2.30 -0.08	38.62 2.92 -0.54	41.02 3.13 -0.66	45.08 3.42 -0.91	45.31 3.40 -0.91	47.09 3.65 -1.03	54.50 4.42 -1.54	60.43 4.83 -1.90	69.02 5.22 -2.39	67.52 4.83 -2.28	54.16 3.71 -1.03	46.00 3.05 -0.53	41.69 3.04 -0.58	38.20 2.86 -0.07	33.80 2.21 -0.09
TEALLAVE_115KV_TB7 355573	34.16 0.00 -0.44	29.39 -0.12 -0.01	27.50 -0.17 0.00	27.14 -0.27 0.00	27.00 -0.30 0.00	27.03 -0.30 0.00	26.93 -0.30 0.00	27.31 -0.11 0.00	30.92 -0.09 -0.15	33.75 -0.03 -0.41	36.10 0.18 -0.76	38.43 0.22 -0.98	42.33 0.24 -1.34	42.61 0.25 -1.37	44.13 0.21 -1.51	50.74 0.10 -2.10	56.10 0.11 -2.30	64.28 0.31 -2.56	63.14 0.36 -2.37	51.09 0.35 -1.32	43.50 0.34 -0.74	38.69 0.11 -0.51	35.99 0.18 -0.54	31.48 -0.03 0.00
TELGRAPH_34_KV_EAST 80808	34.39 0.67 0.00	29.47 -0.03 0.00	27.39 -0.28 0.00	26.62 -0.79 0.00	26.40 -0.90 0.00	26.45 -0.87 0.00	26.46 -0.76 0.00	27.01 -0.41 0.00	30.62 -0.25 0.00	33.00 -0.37 0.00	35.45 0.28 0.00	37.49 0.26 0.00	41.32 0.57 0.00	41.61 0.61 0.00	43.05 0.64 0.00	48.40 -0.15 0.00	53.54 -0.16 0.00	61.84 0.43 0.00	61.31 0.91 0.00	50.41 0.99 0.00	43.48 1.06 0.00	38.21 0.15 0.00	35.52 0.25 0.00	31.32 -0.19 0.00
TEMPLE___115KV_TB 2 55572	34.20 0.03 -0.44	29.39 -0.12 -0.01	27.53 -0.14 0.00	27.14 -0.27 0.00	27.00 -0.30 0.00	27.03 -0.30 0.00	26.93 -0.30 0.00	27.31 -0.11 0.00	30.96 -0.06 -0.15	33.78 0.00 -0.41	36.10 0.18 -0.76	38.47 0.26 -0.98	42.36 0.29 -1.33	42.65 0.29 -1.36	44.17 0.25 -1.50	50.73 0.10 -2.10	56.15 0.16 -2.29	64.33 0.37 -2.56	63.20 0.42 -2.37	51.14 0.40 -1.32	43.50 0.34 -0.74	38.72 0.15 -0.51	35.99 0.18 -0.54	31.48 -0.03 0.00
TIANA____69_KV_BK 1 55817	47.68 3.84 -10.11	46.47 3.27 -13.70	42.90 2.88 -12.36	39.27 2.63 -9.23	33.64 2.68 -3.66	34.74 2.68 -4.73	33.79 2.67 -3.89	32.94 3.02 -2.50	41.46 3.49 -7.11	47.27 4.10 -9.80	45.79 5.06 -5.56	67.42 5.58 -24.60	75.96 6.03 -29.19	236.46 6.07 -189.39	230.32 6.28 -181.64	262.33 7.43 -206.37	273.31 8.22 -211.39	261.47 9.09 -190.97	263.53 8.70 -194.43	224.40 6.77 -168.20	105.39 5.64 -57.33	85.01 5.40 -41.54	43.91 4.80 -3.84	42.08 3.88 -6.70
TILDEN___115KV_TB1 80814	34.27 0.00 -0.55	29.37 -0.15 -0.01	27.50 -0.17 0.00	27.11 -0.30 0.00	26.97 -0.33 0.00	27.00 -0.33 0.00	26.90 -0.33 0.00	27.28 -0.14 0.00	30.96 -0.09 -0.19	33.85 -0.03 -0.51	36.24 0.14 -0.93	38.66 0.22 -1.21	42.64 0.24 -1.65	42.93 0.25 -1.68	44.48 0.21 -1.86	51.23 0.10 -2.59	56.70 0.16 -2.83	64.88 0.31 -3.16	63.76 0.42 -2.93	51.40 0.35 -1.63	43.63 0.30 -0.92	38.81 0.11 -0.63	36.12 0.18 -0.67	31.45 -0.06 0.00
TRIGEN___CC 323695	46.67 2.83 -10.11	45.73 2.54 -13.70	42.32 2.30 -12.36	38.70 2.06 -9.23	32.96 1.99 -3.66	34.05 1.99 -4.73	33.08 1.96 -3.89	32.37 2.44 -2.50	40.75 2.78 -7.11	46.24 3.07 -9.80	41.93 3.76 -3.00	65.89 4.06 -24.60	74.32 4.40 -29.18	57.31 4.43 -11.89	72.62 4.71 -25.50	62.91 5.63 -8.74	75.07 6.18 -15.19	72.24 6.69 -4.14	69.22 6.28 -2.53	56.99 4.89 -2.67	46.99 3.99 -0.59	45.37 3.96 -3.36	41.65 3.70 -2.67	41.13 2.93 -6.69

TRINITY__115KV__4 BK 55933	34.36 0.64 0.00	30.30 0.80 0.00	28.47 0.80 0.00	28.12 0.71 0.00	27.95 0.66 0.00	27.96 0.63 0.00	27.74 0.52 0.00	28.05 0.63 0.00	31.57 0.71 0.00	33.99 0.70 0.08	35.59 0.95 0.52	37.52 0.93 0.64	40.88 1.02 0.88	41.01 0.90 0.89	42.34 0.93 1.00	48.26 1.21 1.50	53.14 1.29 1.85	60.50 1.41 2.32	59.58 1.39 2.22	49.61 1.19 1.00	42.79 0.89 0.52	38.48 0.99 0.57	36.12 0.92 0.07	32.09 0.66 0.08
UNION__PROCESSING_DRP 323587	34.06 0.34 0.00	29.35 -0.15 0.00	27.37 -0.30 0.00	26.83 -0.58 0.00	26.64 -0.66 0.00	26.67 -0.66 0.00	26.60 -0.63 0.00	27.15 -0.27 0.00	30.71 -0.15 0.00	33.20 -0.17 0.00	35.45 0.28 0.00	37.53 0.30 0.00	41.32 0.57 0.00	41.57 0.57 0.00	43.00 0.59 0.00	48.59 0.05 0.00	53.75 0.05 0.00	62.02 0.61 0.00	61.31 0.91 0.00	50.26 0.84 0.00	43.26 0.85 0.00	38.29 0.23 0.00	35.52 0.25 0.00	31.38 -0.13 0.00
UPPER HUDSON__HYD 24058	35.54 1.82 0.00	31.15 1.65 0.00	29.14 1.47 0.00	28.83 1.42 0.00	28.61 1.31 0.00	28.64 1.31 0.00	28.56 1.33 0.00	28.76 1.34 0.00	32.53 1.67 0.00	35.16 1.87 0.08	36.50 1.90 0.56	38.66 2.12 0.69	41.99 2.20 0.95	41.89 1.85 0.95	42.98 1.65 1.08	49.07 2.13 1.61	54.56 2.84 1.99	62.47 3.56 2.50	62.25 4.23 2.38	51.91 3.56 1.08	44.79 2.92 0.56	39.96 2.51 0.61	37.39 2.19 0.07	33.12 1.70 0.09
UPPER RAQUET__HYD 24056	32.91 -0.94 -0.14	28.68 -0.83 0.00	26.92 -0.75 0.00	26.67 -0.74 0.00	26.75 -0.55 0.00	26.78 -0.55 0.00	26.63 -0.60 0.00	26.74 -0.68 0.00	30.08 -0.83 -0.05	32.60 -0.90 -0.13	33.95 -1.44 -0.23	35.97 -1.56 -0.30	39.44 -1.71 -0.41	39.82 -1.60 -0.42	41.18 -1.70 -0.46	47.29 -1.89 -0.64	52.31 -2.10 -0.70	59.99 -2.21 -0.78	58.96 -2.17 -0.73	48.10 -1.73 -0.40	41.37 -1.27 -0.23	36.92 -1.29 -0.16	34.17 -1.27 -0.17	30.63 -0.88 0.00
VALLEY44_115KV_TB2 355964	34.70 0.98 0.00	29.85 0.35 0.00	27.72 0.06 0.00	27.00 -0.41 0.00	26.78 -0.52 0.00	26.94 -0.38 0.00	26.95 -0.27 0.00	27.67 0.25 0.00	31.30 0.43 0.00	33.74 0.37 0.00	36.11 0.95 0.00	38.39 1.15 0.00	42.33 1.59 0.00	42.72 1.72 0.00	44.19 1.78 0.00	49.90 1.36 0.00	55.26 1.56 0.00	63.62 2.21 0.00	62.88 2.48 0.00	51.80 2.37 0.00	44.58 2.16 0.00	38.97 0.91 0.00	36.08 0.81 0.00	31.79 0.28 0.00
VALLEY__115KV_TB 1-4 80826	34.26 0.54 0.00	29.94 0.44 0.00	28.06 0.39 0.00	27.74 0.33 0.00	27.63 0.33 0.00	27.65 0.33 0.00	27.53 0.30 0.00	27.83 0.41 0.00	31.33 0.46 0.00	33.94 0.57 0.00	35.83 0.67 0.00	37.98 0.74 0.00	41.60 0.86 0.00	41.78 0.78 0.00	43.22 0.81 0.00	49.42 0.87 0.00	54.61 0.91 0.00	62.58 1.17 0.00	61.49 1.09 0.00	50.36 0.94 0.00	43.14 0.72 0.00	38.74 0.69 0.00	35.83 0.56 0.00	31.89 0.38 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	36.02 2.16 -0.14	31.27 1.77 0.00	29.27 1.60 0.00	28.89 1.48 0.00	28.75 1.45 0.00	28.75 1.42 0.00	28.62 1.39 0.00	29.15 1.73 0.00	32.92 2.01 -0.05	35.80 2.30 -0.13	38.00 2.60 -0.23	40.44 2.90 -0.30	44.42 3.26 -0.41	44.62 3.20 -0.42	46.19 3.31 -0.47	53.08 3.88 -0.65	58.66 4.24 -0.71	67.18 4.97 -0.79	65.97 4.83 -0.74	53.79 3.95 -0.41	45.96 3.31 -0.23	41.15 2.93 -0.16	38.01 2.57 -0.17	33.56 2.05 0.00
VISCHER__FERRY HYD 24020	34.93 1.21 0.00	30.68 1.18 0.00	28.78 1.11 0.00	28.53 1.12 0.00	28.34 1.04 0.00	28.36 1.04 0.00	28.23 1.01 0.00	28.41 0.99 0.00	32.01 1.14 0.00	34.49 1.24 0.11	35.85 1.44 0.75	37.86 1.56 0.93	41.18 1.71 1.28	41.31 1.60 1.28	42.61 1.65 1.45	48.37 1.99 2.16	53.28 2.26 2.68	60.63 2.58 3.36	59.79 2.60 3.21	50.10 2.12 1.45	43.45 1.78 0.75	38.91 1.67 0.82	36.69 1.52 0.10	32.55 1.17 0.12
V_A_10_SYNC_DSASP 323832	33.59 -0.13 0.00	28.91 -0.59 0.00	26.92 -0.75 0.00	26.37 -1.04 0.00	26.15 -1.15 0.00	26.21 -1.12 0.00	26.57 -0.65 0.00	26.90 -0.52 0.00	30.18 -0.68 0.00	32.57 -0.80 0.00	34.96 -0.21 0.00	36.90 -0.34 0.00	40.34 -0.41 0.00	40.75 -0.24 0.00	42.16 -0.25 0.00	47.43 -1.11 0.00	52.09 -1.61 0.00	60.55 -0.86 0.00	59.68 -0.72 0.00	49.32 -0.10 0.00	42.33 -0.08 0.00	37.45 -0.61 0.00	35.03 -0.25 0.00	30.75 -0.76 0.00
V_CMM_10_SYNC_DSASP 323787	33.01 -0.71 0.00	28.91 -0.59 0.00	27.17 -0.50 0.00	26.92 -0.49 0.00	26.94 -0.36 0.00	26.97 -0.36 0.00	26.76 -0.46 0.00	26.93 -0.49 0.00	30.25 -0.62 0.00	32.67 -0.70 0.00	34.01 -1.16 0.00	35.97 -1.27 0.00	39.36 -1.39 0.00	39.68 -1.31 0.00	41.05 -1.36 0.00	47.04 -1.51 0.00	52.04 -1.67 0.00	59.44 -1.97 0.00	58.47 -1.94 0.00	47.79 -1.63 0.00	41.18 -1.23 0.00	36.84 -1.22 0.00	34.11 -1.16 0.00	30.79 -0.72 0.00
V_CMP_10_SYNC_DSASP 323788	33.86 0.14 0.00	29.62 0.12 0.00	27.86 0.20 0.00	27.58 0.17 0.00	27.57 0.27 0.00	27.63 0.30 0.00	27.47 0.24 0.00	27.61 0.19 0.00	31.02 0.16 0.00	33.47 0.10 0.00	34.92 -0.24 0.00	36.86 -0.37 0.00	40.30 -0.45 0.00	40.75 -0.24 0.00	42.16 -0.25 0.00	48.30 -0.24 0.00	53.43 -0.27 0.00	61.10 -0.31 0.00	60.05 -0.36 0.00	49.08 -0.34 0.00	42.33 -0.08 0.00	37.72 -0.34 0.00	34.85 -0.42 0.00	31.38 -0.13 0.00
V_D_10_SYNC_DSASP 323841	33.01 -0.71 0.00	28.91 -0.59 0.00	27.17 -0.50 0.00	26.92 -0.49 0.00	26.92 -0.38 0.00	26.97 -0.36 0.00	26.79 -0.44 0.00	26.90 -0.52 0.00	30.21 -0.65 0.00	32.64 -0.73 0.00	33.97 -1.20 0.00	35.89 -1.34 0.00	39.28 -1.47 0.00	39.65 -1.35 0.00	41.01 -1.40 0.00	46.99 -1.56 0.00	51.98 -1.72 0.00	59.44 -1.97 0.00	58.47 -1.94 0.00	47.84 -1.58 0.00	41.23 -1.19 0.00	36.84 -1.22 0.00	34.11 -1.16 0.00	30.75 -0.76 0.00
V_E_10_SYNC_DSASP 323830	37.95 3.91 -0.32	32.52 3.01 -0.01	30.30 2.63 0.00	29.90 2.49 0.00	29.67 2.37 0.00	29.70 2.38 0.00	29.84 2.61 0.00	30.30 2.88 0.00	34.15 3.18 -0.11	37.20 3.54 -0.29	39.43 3.73 -0.54	42.02 4.10 -0.70	46.38 4.68 -0.95	46.60 4.63 -0.97	48.15 4.67 -1.07	55.38 5.34 -1.50	61.30 5.96 -1.64	70.91 7.68 -1.83	70.07 7.97 -1.69	57.14 6.77 -0.94	48.71 5.77 -0.53	43.26 4.83 -0.37	39.85 4.20 -0.39	34.72 3.22 0.00
V_F_30_NSYNC__DSASP 323816	35.57 1.85 0.00	31.15 1.65 0.00	29.19 1.52 0.00	28.92 1.51 0.00	28.69 1.39 0.00	28.72 1.39 0.00	28.61 1.39 0.00	28.79 1.37 0.00	32.53 1.67 0.00	35.12 1.83 0.09	36.65 2.07 0.59	38.77 2.27 0.73	42.23 2.49 1.00	42.24 2.25 1.01	43.48 2.20 1.14	49.51 2.67 1.70	54.72 3.11 2.10	62.46 3.68 2.64	61.81 3.92 2.52	51.55 3.26 1.14	44.59 2.76 0.59	39.85 2.44 0.64	37.38 2.19 0.08	33.15 1.73 0.10
V_F_30_SYNC_DSASP 323786	34.53 0.81 0.00	30.41 0.91 0.00	28.58 0.91 0.00	28.23 0.82 0.00	28.06 0.76 0.00	28.06 0.74 0.00	27.85 0.63 0.00	28.16 0.74 0.00	31.73 0.86 0.00	34.16 0.87 0.08	35.76 1.13 0.53	37.73 1.15 0.66	41.11 1.26 0.90	41.24 1.15 0.90	42.53 1.15 1.02	48.47 1.46 1.52	53.37 1.56 1.88	60.82 1.78 2.37	59.90 1.75 2.26	49.88 1.48 1.02	43.03 1.15 0.53	38.66 1.18 0.58	36.29 1.09 0.07	32.21 0.79 0.09

V_XM10_SYNC_DSASP 323789	33.86 0.14 0.00	29.62 0.12 0.00	27.86 0.20 0.00	27.58 0.17 0.00	27.57 0.27 0.00	27.63 0.30 0.00	27.47 0.24 0.00	27.61 0.19 0.00	31.02 0.16 0.00	33.47 0.10 0.00	34.92 -0.24 0.00	36.86 -0.37 0.00	40.30 -0.45 0.00	40.75 -0.24 0.00	42.16 -0.25 0.00	48.30 -0.24 0.00	53.43 -0.27 0.00	61.10 -0.31 0.00	60.05 -0.36 0.00	49.08 -0.34 0.00	42.33 -0.08 0.00	37.72 -0.34 0.00	34.85 -0.42 0.00	31.38 -0.13 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.91 2.19 0.00	31.50 2.01 0.00	29.47 1.80 0.00	28.97 1.56 0.00	28.80 1.50 0.00	28.86 1.53 0.00	28.72 1.50 0.00	29.34 1.92 0.00	33.09 2.22 0.00	35.85 2.40 -0.08	38.77 3.06 -0.55	41.14 3.24 -0.67	45.21 3.54 -0.92	45.45 3.53 -0.93	47.23 3.77 -1.05	54.67 4.56 -1.56	60.63 4.99 -1.93	69.24 5.40 -2.43	67.80 5.07 -2.32	54.38 3.90 -1.05	46.14 3.18 -0.54	41.85 3.20 -0.59	38.30 2.96 -0.07	33.93 2.33 -0.09
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.32 2.60 0.00	31.83 2.33 0.00	29.74 2.08 0.00	29.22 1.81 0.00	29.07 1.77 0.00	29.08 1.75 0.00	29.00 1.77 0.00	29.70 2.28 0.00	33.49 2.62 0.00	36.36 2.90 -0.09	39.35 3.59 -0.60	42.51 3.87 -1.41	45.95 4.20 -1.01	46.24 4.22 -1.02	48.01 4.45 -1.15	55.69 5.44 -1.71	61.72 5.91 -2.11	70.39 6.33 -2.66	68.80 5.86 -2.53	55.12 4.55 -1.15	46.74 3.73 -0.59	42.44 3.73 -0.65	38.84 3.49 -0.08	34.35 2.74 -0.10
W50THST__13_KV_LOAD 356117	36.48 2.77 0.00	32.04 2.54 0.00	29.91 2.24 0.00	29.38 1.97 0.00	29.24 1.94 0.00	29.24 1.91 0.00	29.16 1.93 0.00	29.89 2.47 0.00	33.70 2.84 0.00	36.56 3.10 -0.09	39.56 3.80 -0.60	42.77 4.13 -1.41	46.24 4.48 -1.01	46.52 4.51 -1.02	48.31 4.75 -1.15	56.03 5.78 -1.71	62.15 6.34 -2.11	70.82 6.76 -2.66	69.22 6.28 -2.53	55.46 4.89 -1.15	47.04 4.03 -0.59	42.67 3.96 -0.65	39.05 3.70 -0.08	34.54 2.93 -0.10
WADING RIVER_IC_1 23522	47.07 3.24 -10.11	45.91 2.71 -13.70	42.43 2.41 -12.36	38.97 2.33 -9.23	33.28 2.32 -3.66	34.41 2.35 -4.73	33.62 2.50 -3.89	32.48 2.55 -2.50	40.94 2.96 -7.11	46.64 3.47 -9.80	44.93 4.22 -5.55	66.45 4.62 -24.60	74.99 5.05 -29.19	234.89 5.04 -188.85	228.83 5.26 -181.16	260.61 6.31 -205.76	271.58 7.09 -210.79	259.48 7.68 -190.40	261.67 7.43 -193.84	222.55 5.44 -167.69	104.28 4.71 -57.16	84.01 4.53 -41.43	43.16 4.05 -3.84	41.51 3.31 -6.70
WADING RIVER_IC_2 23547	47.07 3.24 -10.11	45.91 2.71 -13.70	42.43 2.41 -12.36	38.97 2.33 -9.23	33.28 2.32 -3.66	34.41 2.35 -4.73	33.62 2.50 -3.89	32.48 2.55 -2.50	40.94 2.96 -7.11	46.64 3.47 -9.80	44.93 4.22 -5.55	66.45 4.62 -24.60	74.99 5.05 -29.19	234.89 5.04 -188.85	228.83 5.26 -181.16	260.61 6.31 -205.76	271.58 7.09 -210.79	259.48 7.68 -190.40	261.67 7.43 -193.84	222.55 5.44 -167.69	104.28 4.71 -57.16	84.01 4.53 -41.43	43.16 4.05 -3.84	41.51 3.31 -6.70
WADING RIVER_IC_3 23601	47.07 3.24 -10.11	45.91 2.71 -13.70	42.43 2.41 -12.36	38.97 2.33 -9.23	33.28 2.32 -3.66	34.41 2.35 -4.73	33.62 2.50 -3.89	32.48 2.55 -2.50	40.94 2.96 -7.11	46.64 3.47 -9.80	44.93 4.22 -5.55	66.45 4.62 -24.60	74.99 5.05 -29.19	234.89 5.04 -188.85	228.83 5.26 -181.16	260.61 6.31 -205.76	271.58 7.09 -210.79	259.48 7.68 -190.40	261.67 7.43 -193.84	222.55 5.44 -167.69	104.28 4.71 -57.16	84.01 4.53 -41.43	43.16 4.05 -3.84	41.51 3.31 -6.70
WALDENNY_12_KV_BK2 80841	34.60 0.88 0.00	29.65 0.15 0.00	27.56 -0.11 0.00	26.81 -0.60 0.00	26.59 -0.71 0.00	26.70 -0.63 0.00	26.71 -0.52 0.00	27.31 -0.11 0.00	30.93 0.06 0.00	33.37 0.00 0.00	35.83 0.67 0.00	37.98 0.74 0.00	41.80 1.06 0.00	42.23 1.23 0.00	43.64 1.23 0.00	49.08 0.53 0.00	54.24 0.54 0.00	62.58 1.17 0.00	61.92 1.51 0.00	50.96 1.53 0.00	43.90 1.48 0.00	38.52 0.46 0.00	35.80 0.53 0.00	31.54 0.03 0.00
WALDEN__HYDRO 24148	35.78 2.06 0.00	31.36 1.86 0.00	29.33 1.66 0.00	28.86 1.45 0.00	28.69 1.39 0.00	28.72 1.39 0.00	28.59 1.36 0.00	29.12 1.70 0.00	32.84 1.98 0.00	35.61 2.17 -0.07	38.36 2.74 -0.45	40.73 2.94 -0.56	44.77 3.26 -0.77	45.01 3.24 -0.77	46.76 3.48 -0.87	54.02 4.17 -1.30	59.93 4.62 -1.61	68.47 5.04 -2.02	67.11 4.77 -1.93	54.00 3.71 -0.87	45.92 3.05 -0.45	41.52 2.97 -0.49	38.05 2.72 -0.06	33.69 2.11 -0.07
WARRENSBURG____ 23737	35.54 1.82 0.00	31.15 1.65 0.00	29.14 1.47 0.00	28.83 1.42 0.00	28.61 1.31 0.00	28.64 1.31 0.00	28.56 1.33 0.00	28.76 1.34 0.00	32.53 1.67 0.00	35.16 1.87 0.08	36.50 1.90 0.56	38.66 2.12 0.69	41.99 2.20 0.95	41.89 1.85 0.95	42.98 1.65 1.08	49.07 2.13 1.61	54.56 2.84 1.99	62.47 3.56 2.50	62.25 4.23 2.38	51.91 3.56 1.08	44.79 2.92 0.56	39.96 2.51 0.61	37.39 2.19 0.07	33.12 1.70 0.09
WATERSIDE____6 8 9 23538	33.63 2.73 2.82	31.92 2.42 0.00	29.83 2.16 -0.01	29.30 1.89 0.00	29.13 1.83 0.00	29.16 1.83 0.00	29.05 1.82 0.00	29.75 2.33 0.00	33.52 2.65 0.00	33.73 3.00 2.64	39.45 3.69 -0.59	41.61 4.02 -0.36	45.99 4.36 -0.88	46.35 4.35 -1.01	48.09 4.54 -1.14	55.68 5.44 -1.70	61.50 5.69 -2.11	70.20 6.14 -2.65	68.61 5.68 -2.53	55.11 4.55 -1.14	46.90 3.90 -0.58	37.70 3.92 4.28	36.89 3.67 2.05	32.22 2.87 2.16
WATKINRD_115KV_LN8_ILLION 55919	34.09 0.37 0.00	29.79 0.29 0.00	27.95 0.28 0.00	27.66 0.25 0.00	27.55 0.25 0.00	27.55 0.22 0.00	27.44 0.22 0.00	27.72 0.30 0.00	31.20 0.34 0.00	33.77 0.40 0.00	35.66 0.49 0.00	37.79 0.56 0.00	41.40 0.65 0.00	41.57 0.57 0.00	43.00 0.59 0.00	49.22 0.68 0.00	54.45 0.75 0.00	62.33 0.92 0.00	61.31 0.91 0.00	50.21 0.79 0.00	43.01 0.59 0.00	38.63 0.57 0.00	35.73 0.46 0.00	31.82 0.32 0.00
WATSON__69_KV_BK 1 55734	47.68 3.84 -10.11	46.53 3.33 -13.70	42.99 2.96 -12.36	39.33 2.69 -9.23	33.61 2.65 -3.66	34.74 2.68 -4.73	33.76 2.64 -3.89	33.00 3.07 -2.50	41.46 3.49 -7.11	47.14 3.97 -9.80	44.20 4.75 -4.29	66.98 5.14 -24.61	75.43 5.50 -29.18	147.80 5.49 -101.31	152.42 5.85 -104.16	163.78 6.94 -108.30	175.46 7.73 -114.03	168.14 8.47 -98.26	167.64 8.03 -99.20	141.81 6.33 -86.06	76.81 5.22 -29.18	65.75 5.10 -22.59	43.19 4.66 -3.26	42.04 3.84 -6.69
WDELAWARE__HYD 323627	35.20 1.48 0.00	30.74 1.24 0.00	28.72 1.05 0.00	28.40 0.99 0.00	28.17 0.87 0.00	28.23 0.90 0.00	28.21 0.98 0.00	28.49 1.07 0.00	32.19 1.33 0.00	34.92 1.50 -0.05	36.56 1.05 -0.34	38.77 1.12 -0.42	42.67 1.34 -0.58	42.81 1.23 -0.58	44.55 1.48 -0.66	51.41 1.89 -0.98	57.17 2.26 -1.21	65.39 2.46 -1.52	64.15 2.29 -1.45	51.71 1.63 -0.66	44.07 1.32 -0.34	39.80 1.37 -0.37	37.39 2.08 -0.04	33.11 1.54 -0.06
WEST BABYLON__IC 23714	47.47 3.64 -10.11	46.38 3.19 -13.70	42.85 2.82 -12.36	39.22 2.58 -9.23	33.48 2.51 -3.66	34.60 2.54 -4.73	33.62 2.50 -3.89	32.89 2.96 -2.50	41.34 3.36 -7.11	46.94 3.77 -9.80	43.02 4.54 -3.32	66.75 4.91 -24.61	75.22 5.30 -29.18	79.97 5.29 -33.68	92.72 5.64 -44.67	88.29 6.75 -33.00	100.44 7.46 -39.28	96.65 8.17 -27.07	94.29 7.79 -26.09	78.50 6.08 -23.00	54.98 5.01 -7.56	51.01 4.91 -8.04	42.60 4.51 -2.82	41.88 3.69 -6.69

WEST CANADA___HYD 24049	33.96 0.24 0.00	29.71 0.21 0.00	27.86 0.20 0.00	27.60 0.19 0.00	27.46 0.16 0.00	27.49 0.16 0.00	27.42 0.19 0.00	27.61 0.19 0.00	31.11 0.25 0.00	33.64 0.27 0.00	35.55 0.39 0.00	37.64 0.41 0.00	41.19 0.45 0.00	41.45 0.45 0.00	42.88 0.47 0.00	49.08 0.53 0.00	54.29 0.59 0.00	62.09 0.68 0.00	61.07 0.67 0.00	49.97 0.54 0.00	42.84 0.42 0.00	38.48 0.42 0.00	35.62 0.35 0.00	31.73 0.22 0.00
WESTERN_NY_WIND 24143	34.83 1.11 0.00	29.85 0.35 0.00	27.75 0.08 0.00	27.00 -0.41 0.00	26.78 -0.52 0.00	26.83 -0.49 0.00	26.79 -0.44 0.00	27.37 -0.05 0.00	30.99 0.12 0.00	33.40 0.03 0.00	35.80 0.63 0.00	37.90 0.67 0.00	41.76 1.02 0.00	42.06 1.07 0.00	43.56 1.15 0.00	48.98 0.44 0.00	54.24 0.54 0.00	62.82 1.41 0.00	62.34 1.93 0.00	51.25 1.83 0.00	44.20 1.78 0.00	38.86 0.80 0.00	36.05 0.78 0.00	31.76 0.25 0.00
WESTOVER___LESR 323668	34.90 0.88 -0.30	30.10 0.59 -0.01	28.14 0.47 0.00	27.66 0.25 0.00	27.49 0.19 0.00	27.57 0.25 0.00	27.47 0.25 0.00	27.97 0.55 0.00	31.62 0.65 -0.10	34.35 0.70 -0.28	36.70 1.02 -0.51	39.09 1.19 -0.66	43.08 1.43 -0.91	43.36 1.43 -0.93	44.92 1.48 -1.02	51.47 1.50 -1.42	56.98 1.72 -1.56	65.30 2.15 -1.74	64.25 2.24 -1.61	52.30 1.98 -0.90	44.62 1.70 -0.50	39.59 1.18 -0.35	36.70 1.06 -0.37	32.17 0.66 0.00
WETHRSFD_WT_PWR 323626	34.56 0.84 0.00	29.71 0.21 0.00	27.67 0.00 0.00	27.05 -0.36 0.00	26.81 -0.49 0.00	26.92 -0.41 0.00	27.28 0.05 0.00	27.64 0.22 0.00	31.02 0.16 0.00	33.47 0.10 0.00	35.90 0.74 0.00	37.98 0.74 0.00	41.48 0.73 0.00	41.90 0.90 0.00	43.34 0.93 0.00	48.84 0.29 0.00	53.70 0.00 0.00	62.39 0.98 0.00	61.55 1.14 0.00	50.96 1.53 0.00	43.69 1.27 0.00	38.59 0.53 0.00	35.98 0.71 0.00	31.51 0.00 0.00
WHAVSTOR_138KV_BK127 55557	35.71 1.99 0.00	31.36 1.86 0.00	29.33 1.66 0.00	28.84 1.43 0.00	28.69 1.39 0.00	28.72 1.39 0.00	28.59 1.36 0.00	29.20 1.78 0.00	32.93 2.07 0.00	35.69 2.24 -0.08	38.56 2.85 -0.55	40.92 3.02 -0.67	44.93 3.26 -0.93	45.21 3.28 -0.93	46.94 3.48 -1.05	54.33 4.22 -1.57	60.31 4.67 -1.94	68.82 4.97 -2.43	67.38 4.65 -2.32	54.03 3.56 -1.05	45.84 2.88 -0.54	41.62 2.97 -0.59	38.13 2.79 -0.07	33.77 2.17 -0.09
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.71 1.99 0.00	31.36 1.86 0.00	29.33 1.66 0.00	28.84 1.43 0.00	28.69 1.39 0.00	28.72 1.39 0.00	28.59 1.36 0.00	29.20 1.78 0.00	32.93 2.07 0.00	35.69 2.24 -0.08	38.56 2.85 -0.55	40.92 3.02 -0.67	44.93 3.26 -0.93	45.21 3.28 -0.93	46.94 3.48 -1.05	54.33 4.22 -1.57	60.31 4.67 -1.94	68.82 4.97 -2.43	67.38 4.65 -2.32	54.03 3.56 -1.05	45.84 2.88 -0.54	41.62 2.97 -0.59	38.13 2.79 -0.07	33.77 2.17 -0.09
WHITEHAL_115KV_TB1 80871	36.62 2.90 0.00	32.07 2.57 0.00	29.97 2.30 0.00	29.52 2.11 0.00	29.29 1.99 0.00	29.29 1.97 0.00	29.13 1.91 0.00	29.50 2.08 0.00	33.43 2.56 0.00	36.16 2.87 0.08	37.62 3.02 0.57	39.88 3.35 0.71	43.32 3.54 0.97	43.10 3.07 0.98	44.11 2.80 1.10	50.44 3.54 1.64	56.07 4.40 2.03	64.38 5.53 2.55	64.19 6.22 2.44	53.66 5.34 1.10	46.26 4.41 0.57	41.20 3.77 0.62	38.51 3.32 0.07	34.06 2.65 0.09
WHITEPLN_13_KV_LOAD 356215	36.45 2.73 0.00	31.95 2.45 0.00	29.86 2.19 0.00	29.36 1.95 0.00	29.21 1.91 0.00	29.24 1.91 0.00	29.11 1.88 0.00	29.78 2.36 0.00	33.61 2.75 0.00	36.53 3.07 -0.09	39.52 3.76 -0.59	42.10 4.13 -0.73	46.28 4.52 -1.01	46.68 4.67 -1.01	48.60 5.05 -1.14	56.27 6.02 -1.71	62.52 6.71 -2.11	71.37 7.31 -2.65	69.82 6.89 -2.53	55.81 5.24 -1.14	47.12 4.11 -0.59	42.63 3.92 -0.65	38.94 3.60 -0.08	34.44 2.84 -0.10
WM_FLOYD_69_KV_BK2 356380	47.41 3.57 -10.11	46.27 3.07 -13.70	42.74 2.71 -12.36	39.11 2.47 -9.23	33.45 2.48 -3.66	34.57 2.51 -4.73	33.60 2.48 -3.89	32.78 2.85 -2.50	41.18 3.21 -7.11	46.87 3.70 -9.80	45.20 4.43 -5.60	66.68 4.84 -24.60	75.19 5.26 -29.19	238.68 5.29 -192.40	232.25 5.56 -184.28	264.86 6.60 -209.71	275.77 7.36 -214.71	263.65 8.11 -194.14	265.87 7.79 -197.68	226.51 6.08 -171.00	105.72 5.01 -58.29	85.12 4.87 -42.19	43.54 4.41 -3.86	41.80 3.59 -6.70
WOODARD__115KV_TB2 355635	34.27 -0.03 -0.59	29.34 -0.18 -0.02	27.48 -0.19 0.00	27.11 -0.30 0.00	26.97 -0.33 0.00	27.00 -0.33 0.00	26.90 -0.33 0.00	27.26 -0.16 0.00	30.94 -0.12 -0.20	33.82 -0.10 -0.55	36.28 0.11 -1.00	38.68 0.15 -1.30	42.68 0.16 -1.77	42.97 0.16 -1.81	44.54 0.13 -2.00	51.33 0.00 -2.78	56.80 0.05 -3.05	64.99 0.18 -3.40	63.79 0.24 -3.15	51.42 0.25 -1.75	43.66 0.25 -0.99	38.82 0.08 -0.68	36.10 0.11 -0.72	31.41 -0.09 0.00
YORK___WARBASSE 23770	56.48 2.97 -19.79	32.11 2.60 -0.02	30.03 2.35 -0.01	29.50 2.08 -0.01	29.33 2.02 -0.01	29.35 2.02 0.00	29.19 1.96 0.00	29.89 2.47 0.00	33.70 2.84 0.00	55.84 3.24 -19.23	55.29 3.94 -16.18	50.63 4.28 -9.12	47.39 4.69 -1.96	80.82 4.63 -35.19	89.23 4.83 -41.99	86.15 5.78 -31.84	81.27 6.12 -21.45	132.47 6.63 -64.43	140.38 6.16 -73.81	77.49 4.94 -23.12	77.39 4.24 -30.73	77.47 4.19 -35.22	54.17 3.88 -15.02	50.49 3.06 -15.92